

■ 청도1교 대구방향(S11~S15)

상부 output

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
1

DISPLACEMENT DEGREES OF FREEDOM

(A) = Active DOF, equilibrium equation
(-) = Restrained DOF, reaction
(+) = Constrained DOF
(*) = External substructure DOF
() = Null DOF

JOINTS U1 U2 U3 R1 R2 R3
1 TO 162 A A A A A A
163 TO 164 A A A A A A
165 TO 168 A A A A A A
169 TO 170 A A A A A A
171 TO 174 A A A A A A
172 TO 174 A A A A A A
SAP2000 Nonlinear Version 7.42
File:상행S11~S1501.OUT

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
2

TOTAL ASSEMBLED JOINT MASSES

IN GLOBAL COORDINATES
RX RY RZ UZ
TOTAL .000000 .000000 .000000 .000000
.000000 .000000 .000000 .000000

TOTAL ACCELERATED MASS AND LOCATION

TOTAL MASS ACTIVATED BY ACCELERATION LOADS, IN GLOBAL COORDINATES

MASS U1 U2 U3 R1 R2 R3
X-LOC .000000 .000000 .000000 .000000
Y-LOC .000000 .000000 .000000 .000000
Z-LOC .000000 .000000 .000000 .000000
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< BEFORE COMPOSITE SELF-WEIGHT LOAD >
3

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD STEEL -----

JOINT	U1	U2	U3
R1	R2	R3	
1	7.35E-05	0.000110	-1.75E-07
2	0.000997	2.27E-06	
3	7.23E-05	0.000119	-0.004387
4	0.000896	1.83E-06	
5	0.000935	0.000126	-0.008311
6	0.000635	8.44E-07	
7	0.000935	0.000127	-0.010699
8	0.000935	0.000127	-0.010699
9	0.000935	0.000127	-0.010699
10	0.000935	0.000127	-0.010699
11	0.000935	0.000127	-0.010699
12	0.000935	0.000127	-0.010699
13	0.000935	0.000127	-0.010699
14	0.000935	0.000127	-0.010699
15	0.000935	0.000127	-0.010699
16	0.000935	0.000127	-0.010699
17	0.000935	0.000127	-0.010699
18	0.000935	0.000127	-0.010699
19	0.000935	0.000127	-0.010699
20	0.000935	0.000127	-0.010699
21	0.000935	0.000127	-0.010699
22	0.000935	0.000127	-0.010699
23	0.000935	0.000127	-0.010699
24	0.000935	0.000127	-0.010699
25	0.000935	0.000127	-0.010699
26	0.000935	0.000127	-0.010699
27	0.000935	0.000127	-0.010699
28	0.000935	0.000127	-0.010699
29	0.000935	0.000127	-0.010699
30	0.000935	0.000127	-0.010699
31	0.000935	0.000127	-0.010699
32	0.000935	0.000127	-0.010699
33	0.000935	0.000127	-0.010699
34	0.000935	0.000127	-0.010699
35	0.000935	0.000127	-0.010699
36	0.000935	0.000127	-0.010699
37	0.000935	0.000127	-0.010699
38	0.000935	0.000127	-0.010699
39	0.000935	0.000127	-0.010699
40	0.000935	0.000127	-0.010699
41	0.000935	0.000127	-0.010699
42	0.000935	0.000127	-0.010699
43	0.000935	0.000127	-0.010699
44	0.000935	0.000127	-0.010699
45	0.000935	0.000127	-0.010699
46	0.000935	0.000127	-0.010699
47	0.000935	0.000127	-0.010699
48	0.000935	0.000127	-0.010699

1.85E-05 0.000435 6.11E-06
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< BEFORE COMPOSITE SELF-WEIGHT LOAD >
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
1	8.14E-05	0.000241	-0.023206
2	0.000241	0.000241	-0.023206
3	0.000241	0.000241	-0.023206
4	0.000241	0.000241	-0.023206
5	0.000241	0.000241	-0.023206
6	0.000241	0.000241	-0.023206
7	0.000241	0.000241	-0.023206
8	0.000241	0.000241	-0.023206
9	0.000241	0.000241	-0.023206
10	0.000241	0.000241	-0.023206
11	0.000241	0.000241	-0.023206
12	0.000241	0.000241	-0.023206
13	0.000241	0.000241	-0.023206
14	0.000241	0.000241	-0.023206
15	0.000241	0.000241	-0.023206
16	0.000241	0.000241	-0.023206
17	0.000241	0.000241	-0.023206
18	0.000241	0.000241	-0.023206
19	0.000241	0.000241	-0.023206
20	0.000241	0.000241	-0.023206
21	0.000241	0.000241	-0.023206
22	0.000241	0.000241	-0.023206
23	0.000241	0.000241	-0.023206
24	0.000241	0.000241	-0.023206
25	0.000241	0.000241	-0.023206
26	0.000241	0.000241	-0.023206
27	0.000241	0.000241	-0.023206
28	0.000241	0.000241	-0.023206
29	0.000241	0.000241	-0.023206
30	0.000241	0.000241	-0.023206
31	0.000241	0.000241	-0.023206
32	0.000241	0.000241	-0.023206
33	0.000241	0.000241	-0.023206
34	0.000241	0.000241	-0.023206
35	0.000241	0.000241	-0.023206
36	0.000241	0.000241	-0.023206
37	0.000241	0.000241	-0.023206
38	0.000241	0.000241	-0.023206
39	0.000241	0.000241	-0.023206
40	0.000241	0.000241	-0.023206
41	0.000241	0.000241	-0.023206
42	0.000241	0.000241	-0.023206
43	0.000241	0.000241	-0.023206
44	0.000241	0.000241	-0.023206
45	0.000241	0.000241	-0.023206
46	0.000241	0.000241	-0.023206
47	0.000241	0.000241	-0.023206
48	0.000241	0.000241	-0.023206

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
1	8.72E-05	8.33E-05	-0.008251
2	0.001081	7.14E-06	
3	0.001081	7.14E-06	-0.013731
4	0.001081	7.14E-06	
5	0.001081	7.14E-06	-0.018571
6	0.001081	7.14E-06	
7	0.001081	7.14E-06	-0.021774
8	0.001081	7.14E-06	
9	0.001081	7.14E-06	-0.022690
10	0.001081	7.14E-06	
11	0.001081	7.14E-06	-0.021028
12	0.001081	7.14E-06	-0.016840
13	0.001081	7.14E-06	-0.010477
14	0.001081	7.14E-06	
15	0.001081	7.14E-06	-0.020253
16	0.001081	7.14E-06	-0.019707
17	0.001081	7.14E-06	
18	0.001081	7.14E-06	-0.004435
19	0.001081	7.14E-06	
20	0.001081	7.14E-06	-0.004315
21	0.001081	7.14E-06	
22	0.001081	7.14E-06	-0.010677
23	0.001081	7.14E-06	
24	0.001081	7.14E-06	-0.011247
25	0.001081	7.14E-06	
26	0.001081	7.14E-06	-0.010061
27	0.001081	7.14E-06	
28	0.001081	7.14E-06	-0.007514
29	0.001081	7.14E-06	
30	0.001081	7.14E-06	-0.004361
31	0.001081	7.14E-06	
32	0.001081	7.14E-06	-0.001573
33	0.001081	7.14E-06	
34	0.001081	7.14E-06	-0.000114

7.99E-06 -0.000108 -7.97E-06 -0.000223
19 7.44E-05 5.22E-05 7.17E-05
20 7.48E-05 4.69E-05 -0.001641
21 0.000380 3.14E-05 -0.003785
22 7.50E-05 4.47E-05
23 0.000411 3.59E-05
24 7.51E-05 4.45E-05 -0.005829
25 0.000343 2.79E-05
26 7.50E-05 4.52E-05 -0.007070
27 0.000134 1.06E-05
28 7.50E-05 4.58E-05 -0.007129
29 0.000114 9.64E-06
30 7.50E-05 4.64E-05 -0.005991
31 0.000329 2.74E-05
32 7.50E-05 4.72E-05 -0.004004
33 0.000438 3.64E-05
34 7.49E-05 4.30E-05 -0.001849
35 0.000391 3.30E-05
36 7.48E-05 5.34E-05 -0.000339
37 0.000184 1.43E-05
38 7.47E-05 5.76E-05 -0.000111
39 0.000366 4.04E-06
40 7.46E-05 6.30E-05 -0.000786
41 0.000310 2.29E-05
42 7.44E-05 7.22E-05 -0.002924
43 0.000513 4.19E-05
44 7.43E-05 8.21E-05 -0.005672
45 0.000550 4.47E-05
46 7.42E-05 9.10E-05 -0.008184
47 0.000421 3.45E-05
48 7.41E-05 9.71E-05 -0.009708
49 0.000171 1.43E-05
50 7.40E-05 9.11E-05 -0.009829
51 0.000124 9.31E-06
52 7.42E-05 9.68E-05 -0.008513
53 0.000124 9.31E-06
54 7.41E-05 8.05E-05 -0.003345
55 0.000533 4.20E-05
56 7.39E-05 6.86E-05 -0.001022
57 0.000364 2.55E-05
58 7.38E-05 5.98E-05 -0.000111
59 7.37E-05 5.98E-05
60 0.000143 8.07E-06
61 7.36E-05 7.66E-05 -1.64E-05
62 0.000143 8.07E-06
63 7.35E-05 7.66E-05
64 0.000143 8.07E-06
65 7.34E-05 7.66E-05
66 0.000143 8.07E-06
67 7.33E-05 7.66E-05
68 0.000143 8.07E-06
69 7.32E-05 7.66E-05
70 0.000143 8.07E-06
71 7.31E-05 7.66E-05
72 0.000143 8.07E-06
73 7.30E-05 7.66E-05
74 0.000143 8.07E-06
75 7.29E-05 7.66E-05
76 0.000143 8.07E-06
77 7.28E-05 7.66E-05
78 0.000143 8.07E-06
79 7.27E-05 7.66E-05
80 0.000143 8.07E-06
81 7.26E-05 7.66E-05
82 0.000143 8.07E-06
83 7.25E-05 7.66E-05
84 0.000143 8.07E-06
85 7.24E-05 7.66E-05
86 0.000143 8.07E-06
87 7.23E-05 7.66E-05
88 0.000143 8.07E-06
89 7.22E-05 7.66E-05
90 0.000143 8.07E-06
91 7.21E-05 7.66E-05
92 0.000143 8.07E-06
93 7.20E-05 7.66E-05
94 0.000143 8.07E-06
95 7.19E-05 7.66E-05
96 0.000143 8.07E-06
97 7.18E-05 7.66E-05
98 0.000143 8.07E-06
99 7.17E-05 7.66E-05
100 0.000143 8.07E-06
101 7.16E-05 7.66E-05
102 0.000143 8.07E-06
103 7.15E-05 7.66E-05
104 0.000143 8.07E-06
105 7.14E-05 7.66E-05
106 0.000143 8.07E-06
107 7.13E-05 7.66E-05
108 0.000143 8.07E-06
109 7.12E-05 7.66E-05
110 0.000143 8.07E-06
111 7.11E-05 7.66E-05
112 0.000143 8.07E-06
113 7.10E-05 7.66E-05
114 0.000143 8.07E-06
115 7.09E-05 7.66E-05
116 0.000143 8.07E-06
117 7.08E-05 7.66E-05
118 0.000143 8.07E-06
119 7.07E-05 7.66E-05
120 0.000143 8.07E-06
121 7.06E-05 7.66E-05
122 0.000143 8.07E-06
123 7.05E-05 7.66E-05
124 0.000143 8.07E-06
125 7.04E-05 7.66E-05
126 0.000143 8.07E-06
127 7.03E-05 7.66E-05
128 0.000143 8.07E-06
129 7.02E-05 7.66E-05
130 0.000143 8.07E-06
131 7.01E-05 7.66E-05
132 0.000143 8.07E-06
133 7.00E-05 7.66E-05
134 0.000143 8.07E-06
135 6.99E-05 7.66E-05
136 0.000143 8.07E-06
137 6.98E-05 7.66E-05
138 0.000143 8.07E-06
139 6.97E-05 7.66E-05
140 0.000143 8.07E-06
141 6.96E-05 7.66E-05
142 0.000143 8.07E-06
143 6.95E-05 7.66E-05
144 0.000143 8.07E-06
145 6.94E-05 7.66E-05
146 0.000143 8.07E-06
147 6.93E-05 7.66E-05
148 0.000143 8.07E-06
149 6.92E-05 7.66E-05
150 0.000143 8.07E-06
151 6.91E-05 7.66E-05
152 0.000143 8.07E-06
153 6.90E-05 7.66E-05
154 0.000143 8.07E-06
155 6.89E-05 7.66E-05
156 0.000143 8.07E-06
157 6.88E-05 7.66E-05
158 0.000143 8.07E-06
159 6.87E-05 7.66E-05
160 0.000143 8.07E-06
161 6.86E-05 7.66E-05
162 0.000143 8.07E-06
163 6.85E-05 7.66E-05
164 0.000143 8.07E-06
165 6.84E-05 7.66E-05
166 0.000143 8.07E-06
167 6.83E-05 7.66E-05
168 0.000143 8.07E-06
169 6.82E-05 7.66E-05
170 0.000143 8.07E-06
171 6.81E-05 7.66E-05
172 0.000143 8.07E-06
173 6.80E-05 7.66E-05
174 0.000143 8.07E-06
175 6.79E-05 7.66E-05
176 0.000143 8.07E-06
177 6.78E-05 7.66E-05
178 0.000143 8.07E-06
179 6.77E-05 7.66E-05
180 0.000143 8.07E-06
181 6.76E-05 7.66E-05
182 0.000143 8.07E-06
183 6.75E-05 7.66E-05
184 0.000143 8.07E-06
185 6.74E-05 7.66E-05
186 0.000143 8.07E-06
187 6.73E-05 7.66E-05
188 0.000143 8.07E-06
189 6.72E-05 7.66E-05
190 0.000143 8.07E-06
191 6.71E-05 7.66E-05
192 0.000143 8.07E-06
193 6.70E-05 7.66E-05
194 0.000143 8.07E-06
195 6.69E-05 7.66E-05
196 0.000143 8.07E-06
197 6.

89 0.000270 0.000152 -0.004914
-0.000203 0.000709 -7.20E-06 -0.007996
90 0.000170 0.000484 -6.46E-06 -0.009269
91 0.000270 8.74E-05 -0.000461
92 0.000270 8.74E-05 -0.000461
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196 0.000270 8.74E-05 -0.000461
197 0.000270 8.74E-05 -0.000461
198 0.000270 8.74E-05 -0.000461
199 0.000270 8.74E-05 -0.000461
200 0.000270 8.74E-05 -0.000461

166 0.0000801 0.000352 .000000
-0.000116 -0.000430 -6.95E-06 .000000
0.000339 0.001163 -4.43E-05 .000000
168 0.0005171 7.52E-05 .000000
-0.000445 -0.004472 -2.06E-05 .000000
169 0.000000 -0.000250 -2.25E-06 .000000
-0.000319 0.002564 3.20E-06 .000000
170 0.0000703 -1.52E-22 .000000
-0.000197 -0.000360 -4.73E-06 .000000
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JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES
JOINT U1 U2 U3
R1 R2 R3
171 0.000000 0.000000 0.000000
-0.000197 0.000226 3.61E-06 .000000
172 0.000000 0.000000 0.000000
-0.000207 -0.000395 -6.00E-06 .000000
173 -0.000150 -2.23E-21 .000000
-0.000145 0.001189 0.00E-05 .000000
-0.000515 -0.004373 -1.38E-05 .000000
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11
RESTRAINT FORCES (REACTIONS)
FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES
LOAD STEEL
JOINT F1 F2 F3
M1 M2 M3
171 0.000000 0.000000 0.000000
172 0.000000 0.000000 0.000000
173 0.000000 0.000000 0.000000
174 0.000000 0.000000 0.000000
175 0.000000 0.000000 0.000000
176 0.000000 0.000000 0.000000
177 0.000000 0.000000 0.000000
178 0.000000 0.000000 0.000000
179 0.000000 0.000000 0.000000
180 0.000000 0.000000 0.000000
181 0.000000 0.000000 0.000000
182 0.000000 0.000000 0.000000
183 0.000000 0.000000 0.000000
184 0.000000 0.000000 0.000000
185 0.000000 0.000000 0.000000
186 0.000000 0.000000 0.000000
187 0.000000 0.000000 0.000000
188 0.000000 0.000000 0.000000
189 0.000000 0.000000 0.000000
190 0.000000 0.000000 0.000000
191 0.000000 0.000000 0.000000
192 0.000000 0.000000 0.000000
193 0.000000 0.000000 0.000000
194 0.000000 0.000000 0.000000
195 0.000000 0.000000 0.000000
196 0.000000 0.000000 0.000000
197 0.000000 0.000000 0.000000
198 0.000000 0.000000 0.000000
199 0.000000 0.000000 0.000000
200 0.000000 0.000000 0.000000

REL DIST P V2 V3
T M2 M3
0.00000 -2.012312 -846.169166 -0.738502
-47.668593 6.006599 -0.251429
0.25000 -2.012312 -797.044882 -0.738502
-45.929607 6.845637 933.249748
0.50000 -2.012312 -747.920598 -0.738502
-43.330622 7.684176 1810.936
0.75000 -2.012312 -698.796314 -0.738502
-40.925636 8.056934 2632.883
1.00000 -2.012312 -649.672030 -0.738502
-38.992651 9.362872 3398.866
ELEM 2 ===== LENGTH
5.048779
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -1.663715 -230.868151 -0.070005
-26.653726 5.980235 1274.598
0.25000 -1.663715 -210.533247 -0.070005
-26.653726 5.968594 1553.226
0.50000 -1.663715 -189.620889 -0.070005
-26.653726 6.056934 1805.823
0.75000 -1.663715 -168.131077 -0.070005
-26.653726 6.145313 2031.660
1.00000 -1.663715 146.063811 -0.070005
-26.653726 6.233672 2230.008
LOAD CONC
REL DIST P V2 V3
T M2 M3
0.00000 -4.354823 -597.980311 -0.281196
-12.14473 7.91804 3298.701
0.25000 -4.354823 -543.409059 -0.281196
-65.704944 16.235885 4119.048
0.50000 -4.354823 -488.835807 -0.281196
-63.25414 16.594200 4770.405
0.75000 -4.354823 -434.263556 -0.281196
-60.885884 16.945733 5353.060
1.00000 -4.354823 -379.691304 -0.281196
-58.476354 17.300656 5866.745
ELEM 3 ===== LENGTH
5.049843
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -2.276453 -133.954019 0.061106
-16.252695 7.953433 2230.012
0.25000 -2.276453 111.593311 0.061106
-16.252695 7.953433 2230.012
0.50000 -2.276453 -89.232610 0.061106
-16.252695 7.953433 2230.012
0.75000 -2.276453 -66.871905 0.061106
-16.252695 7.953433 2230.012
1.00000 -2.276453 -44.511200 0.061106
-16.252695 7.953433 2230.012
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FRAME ELEMENT INTERNAL FORCES
LOAD CONC
REL DIST P V2 V3
T M2 M3
0.00000 -5.945459 -335.967161 0.102363
-42.160779 21.776628 5866.730
0.25000 -5.945459 281.338999 0.102363
-39.750741 1.643938 6256.421
0.50000 -5.945459 -226.799656 0.102363
-37.340704 21.520169 6577.201
0.75000 -5.945459 -172.215903 0.102363
-34.930666 2.390939 6829.072
1.00000 -5.945459 -117.632150 0.102363
-32.520628 21.261710 7012.033
ELEM 4 ===== LENGTH
5.048937
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -2.569141 -33.155233 0.184775
-0.405688 8.475305 2680.616
0.25000 -2.569141 -10.798541 0.184775
-0.405688 8.242075 2708.356
0.50000 -2.569141 11.551903 0.184775
-0.405688 8.008846 2707.877
0.75000 -2.569141 33.914842 0.184775
-0.405688 7.775616 2679.178
1.00000 -2.569141 56.253104 0.184775
-0.405688 7.542386 2622.260
ELEM 5 ===== LENGTH
5.049367
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -6.700377 -76.006862 0.440533
0.990419 23.38715 7011.862
0.25000 -6.700377 -21.434725 0.440533
3.400024 22.831039 7073.485
0.50000 -6.700377 33.139232 0.440533
5.809629 22.74984 7066.098
0.75000 -6.700377 87.713189 0.440533
8.219234 21.718928 6989.826
1.00000 -6.700377 142.267146 0.440533
10.628839 21.162873 6844.669
ELEM 6 ===== LENGTH
5.049367
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -6.700377 -76.006862 0.440533
0.990419 23.38715 7011.862
0.25000 -6.700377 -21.434725 0.440533
3.400024 22.831039 7073.485
0.50000 -6.700377 33.139232 0.440533
5.809629 22.74984 7066.098
0.75000 -6.700377 87.713189 0.440533
8.219234 21.718928 6989.826
1.00000 -6.700377 142.267146 0.440533
10.628839 21.162873 6844.669
ELEM 7 ===== LENGTH
5.049367
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -6.700377 -76.006862 0.440533
0.990419 23.38715 7011.862
0.25000 -6.700377 -21.434725 0.440533
3.400024 22.831039 7073.485
0.50000 -6.700377 33.139232 0.440533
5.809629 22.74984 7066.098
0.75000 -6.700377 87.713189 0.440533
8.219234 21.718928 6989.826
1.00000 -6.700377 142.267146 0.440533
10.628839 21.162873 6844.669
ELEM 8 ===== LENGTH
5.049004
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -4.132726 705.262759 1.285300
98.120790 4.926838 2574.236
0.25000 -4.132726 759.849331 1.285300
100.530612 3.304342 1649.501
0.50000 -4.132726 814.420503 1.285300
102.940434 1.681846 655.867532
0.75000 -4.132726 868.999375 1.285300
105.350256 0.059350 -406.663210 1.285300
1.00000 -4.132726 923.578247 1.285300
107.760079 -1.563147 -1538.091
ELEM 9 ===== LENGTH
5.049004
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -0.999903 382.102783 0.467988
32.476998 -2.820385 -642.208965 0.467988
0.25000 -0.999903 408.357762 0.467988
32.476998 -3.411104 -1140.998 0.467988
0.50000 -0.999903 435.478506 0.467988
32.476998 -4.001822 -1673.473 0.467988
0.75000 -0.999903 463.466379 0.467988
32.476998 -4.592544 -2240.730 0.467988
1.00000 -0.999903 492.35007 0.467988
32.476998 -5.183259 -2840.860 0.467988
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FRAME ELEMENT INTERNAL FORCES
LOAD CONC
REL DIST P V2 V3
T M2 M3
0.00000 -2.598306 968.161883 1.304988
91.633726 -5.874762 -1538.349 1.304988
0.25000 -2.598306 1022.371 1.304988
94.045364 -1.521985 -2794.856 1.304988
0.50000 -2.598306 1077.311 1.304988
96.453001 -9.169208 -4120.249 1.304988
0.75000 -2.598306 1131.886 1.304988
98.76405 -10.916181 -5530.906 1.304988
1.00000 -2.598306 1186.461 1.304988
101.272275 -12.463654 -6977.698 1.304988
ELEM 10 ===== LENGTH
5.049832
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -0.581475 504.382315 0.279596
19.76405 -3.361182 -1289.785 0.279596
0.25000 -0.581475 534.609029 0.279596
19.76405 -6.711463 -3499.564 0.279596
0.50000 -0.581475 566.706078 0.279596
19.76405 -10.067141 -4194.449 0.279596
0.75000 -0.581475 600.673452 0.279596
19.76405 -7.420119 -4931.236 0.279596
1.00000 -0.581475 636.511161 0.279596
19.76405 -7.773097 -5711.966 0.279596
ELEM 11 ===== LENGTH
5.354268
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -0.490792 -618.762098 -0.066526
-4.073212 -8.020786 -5712.004 -0.066526
0.25000 -0.490792 -593.410570 -0.066526
-4.073212 -1.962006 -5176.543 -0.066526
0.50000 -0.490792 -568.829071 -0.066526
-4.073212 -7.903226 -4663.141 -0.066526
0.75000 -0.490792 -545.017800 -0.066526
-4.073212 -7.844446 -4171.119 -0.066526
1.00000 -0.490792 -521.976158 -0.066526
-4.073212 -7.785666 -3699.795 -0.066526
ELEM 12 ===== LENGTH
5.049715
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -6.548591 183.556810 0.743212
43.596106 20.739399 6844.565 0.743212
0.25000 -6.548591 238.135420 0.743212
43.596106 19.89141 6844.565 0.743212
0.50000 -6.548591 292.714030 0.743212
43.596106 18.863024 6243.348 0.743212
0.75000 -6.548591 347.292640 0.743212
43.596106 17.924837 5839.384 0.743212
1.00000 -6.548591 401.871250 0.743212
43.596106 16.986499 5366.544 0.743212
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FRAME ELEMENT INTERNAL FORCES
ELEM 6 ===== LENGTH
5.049715
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -6.700377 -76.006862 0.440533
0.990419 23.38715 7011.862
0.25000 -6.700377 -21.434725 0.440533
3.400024 22.831039 7073.485
0.50000 -6.700377 33.139232 0.440533
5.809629 22.74984 7066.098
0.75000 -6.700377 87.713189 0.440533
8.219234 21.718928 6989.826
1.00000 -6.700377 142.267146 0.440533
10.628839 21.162873 6844.669
ELEM 13 ===== LENGTH
5.049715
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -6.700377 -76.006862 0.440533
0.990419 23.38715 7011.862
0.25000 -6.700377 -21.434725 0.440533
3.400024 22.831039 7073.485
0.50000 -6.700377 33.139232 0.440533
5.809629 22.74984 7066.098
0.75000 -6.700377 87.713189 0.440533
8.219234 21.718928 6989.826
1.00000 -6.700377 142.267146 0.440533
10.628839 21.162873 6844.669
ELEM 14 ===== LENGTH
5.049715
LOAD STEEL
REL DIST P V2 V3
T M2 M3
0.00000 -6.700377 -76.006862 0.440533
0.990419 23.38715 7011.862
0.25000 -6.700377 -21.434725 0.440533
3.400024 22.831039 7073.485
0.50000 -6.700377 33.139232 0.440533
5.809629 22.74984 7066.098
0.75000 -6.700377 87.713189 0.44

-5.182516 -19.869171 -9209.808
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FRAME ELEMENT INTERNAL FORCES

ELEM 11 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -0.669480 -510.873998 -0.274997
-16.444443 -7.290931 -3699.781
0.25000 -0.669480 -479.034251 -0.274997
-16.444443 -6.943789 -3075.088
0.50000 -0.669480 -448.253299 -0.274997
-16.444443 -6.596646 -2489.919
0.75000 -0.669480 -418.531143 -0.274997
-16.444443 -6.249504 -1942.938
1.00000 -0.669480 -389.867781 -0.274997
-16.444443 -5.902362 -1432.809

LOAD CONC

REL DIST P M2 M3 V3

0.00000 -1.483780 -1172.981 -0.791222
-44.790559 -18.937897 -9208.754
0.25000 -1.483780 -1118.402 -0.791222
-42.380737 -17.939099 -7763.492
0.50000 -1.483780 -1063.823 -0.791222
-39.970912 -16.940300 -6396.128
0.75000 -1.483780 -1009.244 -0.791222
-37.561088 -15.941501 -5077.661
1.00000 -1.483780 -954.665781 -0.791222
-35.151264 -14.942703 -3838.092

ELEM 12 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -1.052970 -377.880639 -0.302816
-22.386649 -4.821774 -1432.777
0.25000 -1.052970 -350.034489 -0.302816
-22.386649 -4.439502 -973.381369
0.50000 -1.052970 -322.765901 -0.302816
-22.386649 -4.057230 -548.773472
0.75000 -1.052970 -296.074848 -0.302816
-22.386649 -3.674959 -158.224668
1.00000 -1.052970 -269.961339 -0.302816
-22.386649 -3.292687 -198.994128

LOAD CONC

REL DIST P M2 M3 V3

0.00000 -2.348751 -907.533310 -0.827329
-69.514882 -12.506930 -3837.979
0.25000 -2.348751 -852.952563 -0.827329
-67.104977 -11.493715 -3276.768
0.50000 -2.348751 -798.371817 -0.827329
-64.695072 -10.418104 -1684.459
0.75000 -2.348751 -743.791071 -0.827329
-62.285167 -9.340789 -1034.961
1.00000 -2.348751 -689.210324 -0.827329
-59.875262 -8.329278 193.451292

ELEM 13 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -1.490446 -258.194936 -0.240541
-19.930840 -2.061594 199.025364
0.25000 -1.490446 -232.803322 -0.240541
-19.930840 -1.757980 508.804791
0.50000 -1.490446 -208.281471 -0.240541
-19.930840 -1.454366 787.085700
0.75000 -1.490446 -184.625821 -0.240541
-19.930840 -1.150752 1034.961
1.00000 -1.490446 -161.636363 -0.240541
-19.930840 -0.847138 1253.525

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FRAME ELEMENT INTERNAL FORCES

LOAD CONC

REL DIST P M2 M3 V3

0.00000 -3.379918 -645.494767 -0.627819
-63.938097 -5.428007 193.582818
0.25000 -3.379918 -590.924320 -0.627819
-61.528528 -4.635564 973.898152
0.50000 -3.379918 -536.352768 -0.627819
-59.118959 -3.843121 1685.330
0.75000 -3.379918 -481.778027 -0.627819
-56.708390 -3.050878 2327.860
1.00000 -3.379918 -427.104890 -0.627819
-54.299820 -2.258235 2901.546

ELEM 14 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -1.827977 -150.326934 -0.146127
-11.513849 -0.102690 1253.549
0.25000 -1.827977 -127.968958 -0.146127
-11.513849 -0.287137 1429.197
0.50000 -1.827977 -105.611009 -0.146127
-11.513849 -0.471593 1576.821
0.75000 -1.827977 -83.253082 -0.146127
-11.513849 -0.656050 1695.823
1.00000 -1.827977 -60.895115 -0.146127
-11.513849 -0.840506 1786.803

LOAD CONC

REL DIST P M2 M3 V3

0.00000 -4.195268 -384.771515 -0.363009
-40.121852 -0.036338 2901.652
0.25000 -4.195268 -330.194444 -0.363009
-37.712112 -0.494565 3352.904
0.50000 -4.195268 -275.617472 -0.363009
-35.302371 -0.952793 3735.264
0.75000 -4.195268 -221.040451 -0.363009
-32.892631 -1.411021 4048.731
1.00000 -4.195268 -166.463429 -0.363009
-30.482890 -1.869248 4293.305

ELEM 15 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -1.956010 -49.372844 -0.046347
-1.179525 1.200125 1786.811
0.25000 -1.956010 -27.012222 -0.046347
-1.179525 -2.58636 1938.028
0.50000 -1.956010 -4.691818 -0.046347
1.00000 -1.371478 1855.015
0.75000 -1.956010 17.709022 -0.046347
1.179525 1.375659 1846.772
1.00000 -1.956010 40.069643

-1.179525 1.434170 1810.301

LOAD CONC

REL DIST P M2 M3 V3

0.00000 -4.514891 -124.470287 -0.098698
-9.444322 2.767298 4293.346
0.25000 -4.514891 -69.866736 -0.098698
-7.634293 2.891901 4416.030
0.50000 -4.514891 -15.303126 -0.098698
-4.624265 3.016503 4469.804
0.75000 -4.514891 39.280364 -0.098698
-2.214236 3.141105 4454.569
1.00000 -4.514891 96.269131 -0.098698
0.195793 3.265707 4370.625

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FRAME ELEMENT INTERNAL FORCES

ELEM 16 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -1.837012 51.583551 0.057423
9.949640 1.098763 1810.399
0.25000 -1.837012 73.942485 0.057423
9.949640 1.026274 1731.069
0.50000 -1.837012 96.269131 0.057423
9.949640 0.953786 1623.615
0.75000 -1.837012 118.660351 0.057423
9.949640 0.881297 1487.935
1.00000 -1.837012 141.013285 0.057423
9.949640 0.808808 1324.030

LOAD CONC

REL DIST P M2 M3 V3

0.00000 -4.239777 135.838825 0.177599
2.490159 2.490159 614.09111
0.25000 -4.239777 190.418254 0.177599
25.426437 2.266164 4164.684
0.50000 -4.239777 244.997682 0.177599
27.836044 2.041970 3888.858
0.75000 -4.239777 299.577111 0.177599
30.246131 1.817777 3546.133
1.00000 -4.239777 354.156540 0.177599
32.655977 1.593583 3133.510

ELEM 17 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -1.503315 152.467804 0.146376
18.570716 -0.131636 1324.016
0.25000 -1.503315 175.258974 0.146376
18.570716 -0.316409 1077.261
0.50000 -1.503315 198.916405 0.146376
18.570716 -0.501181 881.189465
0.75000 -1.503315 223.440095 0.146376
18.570716 -0.685954 614.09112
1.00000 -1.503315 248.830047 0.146376
18.570716 -0.870726 316.723508

LOAD CONC

REL DIST P M2 M3 V3

0.00000 -3.450543 396.433825 0.431887
47.050742 -0.630559 3133.445
0.25000 -3.450543 451.011073 0.431887
49.460493 -1.175735 2329.977
0.50000 -3.450543 505.588320 0.431887
51.870243 -1.720910 1994.814
0.75000 -3.450543 560.165568 0.431887
54.280143 -2.265086 1324.158
1.00000 -3.450543 614.72815 0.431887
56.689744 -2.811262 580.608137

ELEM 18 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -1.059639 260.503323 0.196915
21.825447 2.120270 416.96818
0.25000 -1.059639 286.614755 0.196915
21.825447 -2.368835 -28.551739
0.50000 -1.059639 313.303686 0.196915
21.825447 -2.617399 -407.115763
0.75000 -1.059639 340.570114 0.196915
21.825447 -2.865963 -819.755465
1.00000 -1.059639 368.414041 0.196915
21.825447 -3.114228 -1267.167

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LOAD CONC

REL DIST P M2 M3 V3

0.00000 -2.410621 658.301463 0.601203
53.797301 -5.739267 580.509584
0.25000 -2.410621 712.878249 0.601203
56.207015 -6.498160 -284.904440
0.50000 -2.410621 767.454655 0.601203
58.616728 -7.257054 2119.210
0.75000 -2.410621 822.031061 0.601203
61.026441 -8.015948 -2222.406
1.00000 -2.410621 876.607467 0.601203
63.436154 -8.774841 -3294.494

ELEM 19 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -0.658648 380.141773 0.184684
17.112774 -4.245608 -1267.199
0.25000 -0.658648 408.903855 0.184684
17.112774 -4.478732 -1765.028
0.50000 -0.658648 438.524739 0.184684
17.112774 -4.711857 -2299.706
0.75000 -0.658648 469.304343 0.184684
17.112774 -4.944882 -2872.568
1.00000 -0.658648 501.142700 0.184684
17.112774 -5.178107 -3484.951

LOAD CONC

REL DIST P M2 M3 V3

0.00000 -1.495627 922.728818 0.599338
32.140638 -11.354091 -3294.584
0.25000 -1.495627 977.305339 0.599338
34.550356 -12.110632 -4493.785
0.50000 -1.495627 1031.882 0.599338
36.960074 -12.867172 -5781.877
0.75000 -1.495627 1086.458 0.599338
39.369792 -13.623712 -7094.800
1.00000 -1.495627 1141.035 0.599338
41.779511 -14.380252 -8504.735

ELEM 20 ===== LENGTH

= 3.534743

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -0.446266 512.205501 0.050427
6.796186 -5.766734 -3484.962
0.25000 -0.446266 535.250039 0.050427
6.796186 -5.811295 -3947.716
0.50000 -0.446266 559.064709 0.050427
6.796186 -5.855856 -4431.175
0.75000 -0.446266 583.649511 0.050427
6.796186 -5.900417 -4938.018
1.00000 -0.446266 609.156256 0.050427
6.796186 -5.944979 -5462.927

LOAD CONC

REL DIST P M2 M3 V3

0.00000 -1.049834 1182.302 0.183086
2.618102 -15.610153 -8504.754
0.25000 -1.049834 1220.509 0.183086
4.305059 -15.771944 -9566.419
0.50000 -1.049834 1259.716 0.183086
5.902015 -15.933735 -10661.847
0.75000 -1.049834 1296.923 0.183086
7.678971 -16.095525 -11791.038
1.00000 -1.049834 1335.130 0.183086
9.359527 -16.257316 -12953.392

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FRAME ELEMENT INTERNAL FORCES

ELEM 21 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -2.035945 -616.949420 -0.211475
-1.000284 -2.920371 -9484.780
0.25000 -2.035945 -591.597242 -0.211475
-10.700284 -5.633514 -4930.907
0.50000 -2.035945 -567.015113 -0.211475
-10.700284 -5.446266 -4419.095
0.75000 -2.035945 -543.203033 -0.211475
-10.700284 -5.259799 -3928.663
1.00000 -2.035945 -520.161001 -0.211475
-10.700284 -5.072941 -3458.931

LOAD CONC

REL DIST P M2 M3 V3

0.00000 -5.216426 -1371.312 -0.608377
-25.273603 -15.755038 12958.769
0.25000 -5.216426 -1333.109 -0.608377
-23.586831 -15.217482 -11763.970
0.50000 -5.216426 -1294.907 -0.608377
-21.900058 -14.679926 10602.926
0.75000 -5.216426 -1256.704 -0.608377
-20.213285 -14.142370 -9475.638
1.00000 -5.216426 -1218.501 -0.608377
-18.526512 -13.604815 -8382.105

ELEM 22 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -2.335472 -509.056567 -0.341839
-21.432907 -4.245313 -3458.914
0.25000 -2.335472 -477.216771 -0.341839
-21.432907 -3.913618 -2636.514
0.50000 -2.335472 -446.435772 -0.341839
-21.432907 -3.382089 -2253.639
0.75000 -2.335472 -416.713569 -0.341839
-21.432907 -2.849897 -1709.952
1.00000 -2.335472 -388.050162 -0.341839
-21.432907 -2.519047 -1201.116

LOAD CONC

REL DIST P M2 M3 V3

0.00000 -6.010058 -1177.141 -1.001699
-58.429818 -11.417271 -8382.074
0.25000 -6.010058 -1122.562 -1.001699
-56.019991 -10.152775 -6930.558
0.50000 -6.010058 -1067.985 0.146376
-53.610164 -8.888279 -5547.940
0.75000 -6.010058 -1013.404 -1.001699
-51.200336 -6.623784 -4234.220
1.00000 -6.010058 -958.824463 -1.001699
-49.790509 -6.359288 -2989.398

ELEM 23 ===== LENGTH

LOAD STEEL CONC

REL DIST P M2 M3 V3

0.00000 -2.817059 -376.279684 -0.362722
-25.731436 -1.632687 -1201.081
0.25000 -2.817059 -348.435772 -0.362722
-25.731436 -0.705452 -743.765897
0.50000 -2.817059 -321.172555 -0.362722
-25.731436 -0.247617 -321.229491
0.75000 -2.817059 -294.485144 -0.362722
-25.731436 0.210218 67.257126
1.0

REL DIST P M2 V2 V3
0.00000 -2.934907 249.740435 0.137436
25.736816 3.788394 657.358116
0.25000 -2.934907 275.852686
25.736816 3.616044 325.682771
0.50000 -2.934907 302.542454 0.137436
25.736816 3.441414 -39.319373
0.75000 -2.934907 329.809739
25.736816 3.267925 -37.67400
1.00000 -2.934907 357.654539 0.137436
25.736816 3.094435 -872.220119

LOAD CONC -----
REL DIST P M2 V2 V3
0.00000 -7.504666 652.963574 0.456417
68.738432 10.009180 1588.604
0.25000 -7.504666 707.541693 0.456417
71.148221 9.433031 729.900064
0.50000 -7.504666 762.119812 0.456417
73.558010 8.856881 197.699159
0.75000 -7.504666 816.697930 0.456417
75.967799 8.280732 1194.194
77.00000 -7.504666 871.276049 0.456417
78.377588 7.704582 -2259.584

ELEM 32 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -2.456129 369.401014
22.886648 2.743699 872.264334
0.25000 -2.456129 398.066009 0.157516
22.886648 1.544847 -1356.586
0.50000 -2.456129 427.789858 0.157516
22.886648 1.345992 -1877.763
0.75000 -2.456129 458.572563 0.157516
22.886648 1.147143 -2437.133
1.00000 -2.456129 490.414123 0.157516
22.886648 0.948292 -3036.032

LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -6.285549 917.420073 0.534813
51.972913 4.267479 2259.712
0.25000 -6.285549 972.000000 0.534813
54.382874 3.592320 -3452.335
0.50000 -6.285549 1026.584 0.534813
56.792835 2.917160 -4713.863
0.75000 -6.285549 1081.166 0.534813
59.207296 2.242001 -6044.297
1.00000 -6.285549 1135.748 0.534813
61.612756 1.566841 -7443.636
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ELEM 31 ===== LENGTH

LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -2.132919 501.518169 0.179409
13.619586 0.053097 -3036.054
0.25000 -2.132919 524.562778 0.179409
13.619586 -0.108445 -3489.365
0.50000 -2.132919 548.377518 0.179409
13.619586 -0.263987 -3963.381
0.75000 -2.132919 572.966024 0.179409
13.619586 -0.422529 -4458.782
1.00000 -2.132919 598.317404 0.179409
13.619586 -0.581071 -4976.248

LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -5.447488 1177.073 0.525558
24.981947 -0.748287 -7443.682
0.25000 -5.447488 1215.280 0.525558
26.689080 -1.121716 -8500.729
0.50000 -5.447488 1253.487 0.525558
28.355870 -1.677145 -9591.540
0.75000 -5.447488 1291.694 0.525558
30.042831 -2.141912 -10741.114
1.00000 -5.447488 1329.902 0.525558
31.729792 -2.606004 -11874.451

ELEM 32 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -2.038883 -573.159198 0.120246
2.353527 -0.837108 -4976.254
0.25000 -2.038883 -547.809261 0.120246
2.353527 -0.942347 -4481.116
0.50000 -2.038883 -523.229305 0.120246
2.353527 -1.048897 -4008.925
0.75000 -2.038883 -499.419329 0.120246
2.353527 -1.154826 -3556.331
1.00000 -2.038883 -476.379333 0.120246
2.353527 -1.261065 -3125.323

LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -5.166364 -1259.095 0.244192
0.469873 -3.369073 -11874.465
0.25000 -5.166364 -1220.895 0.244192
2.156496 -3.584820 -10778.915
0.50000 -5.166364 -1182.696 0.244192
3.843120 -3.800567 -9717.115
0.75000 -5.166364 -1141.254 0.244192
5.529744 -4.016313 -8689.064
1.00000 -5.166364 -1106.297 0.244192
7.216367 -4.232060 -7694.763

ELEM 33 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -2.187145 -465.204859 0.121760
-11.566557 -0.847145 -3125.321
0.25000 -2.187145 -433.361743 0.121760
-11.566557 -1.056557 -2559.210
0.50000 -2.187145 -402.576393 0.121760
-11.566557 -1.154589 -2030.633
0.75000 -2.187145 -372.850475 0.121760
-11.566557 -1.251524 -1541.254
1.00000 -2.187145 -344.183534 0.121760
-11.566557 -1.462034 -1088.735
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LOAD CONC -----
REL DIST T M2 M3 V3

0.00000 -5.481236 -1064.772 0.172805
-29.465025 -3.357482 -7694.768
0.25000 -5.481236 -1017.455897 0.172805
-27.054901 -3.575649 -6384.945
0.50000 -5.481236 -955.800237 0.172805
-24.644776 -3.793816 -5144.036
0.75000 -5.481236 -901.014767 0.172805
-22.234652 -4.011983 -3972.042
1.00000 -5.481236 -846.428796 0.172805
-19.824527 -4.230150 -2868.963

ELEM 34 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -2.510638 -332.386076 0.144412
-15.745842 -0.544538 -1088.720
0.25000 -2.510638 -304.543992 0.144412
-15.745842 -0.726636 -686.811686
0.50000 -2.510638 -277.279367 0.144412
-15.745842 -0.908914 -319.681575
0.75000 -2.510638 -250.592202 0.144412
-15.745842 -1.091192 -13.99365
1.00000 -2.510638 -224.463819 0.144412
-15.745842 -1.273471 313.160006

LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -6.235418 -800.147317 0.258304
-49.863509 -2.091255 -2868.915
0.25000 -6.235418 -745.574522 0.258304
-47.453955 -2.417558 -1893.404
0.50000 -6.235418 -691.001726 0.258304
-45.044402 -2.743591 -986.775309
0.75000 -6.235418 -636.428930 0.258304
-42.634848 -3.069623 -149.028965
1.00000 -6.235418 -581.856135 0.258304
-40.225294 -3.393566 619.835197

ELEM 35 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -2.872115 -212.751964 0.194711
-12.746849 -0.250356 313.169116
0.25000 -2.872115 -181.655897 0.194711
-12.746849 -0.496165 -565.675277
0.50000 -2.872115 -163.218552 0.194711
-12.746849 -0.741974 -788.915156
0.75000 -2.872115 -140.004814 0.194711
-12.746849 -0.987783 978.225497
1.00000 -2.872115 -117.920599 0.194711
-12.746849 -1.233592 1140.943

LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -7.101945 -538.179173 0.425819
-43.455148 -0.943234 619.895106
0.25000 -7.101945 -483.596664 0.425819
-40.045166 -1.148002 126.7118
0.50000 -7.101945 -429.014155 0.425819
-36.635183 -1.201837 1840.911
0.75000 -7.101945 -374.431648 0.425819
-32.552500 -1.255838 3349.617
1.00000 -7.101945 -319.849137 0.425819
-33.815218 -0.993506 2786.300
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ELEM 36 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -3.133994 -106.479641 0.274748
-5.029932 -0.490917 1140.943
0.25000 -3.133994 -84.893702 0.274748
-5.029932 -0.837201 126.7118
0.50000 -3.133994 -63.307763 0.274748
-5.029932 -1.184485 1355.247
0.75000 -3.133994 -41.721824 0.274748
-5.029932 -1.531269 142.0014
1.00000 -3.133994 -20.135884 0.274748
-5.029932 -1.878053 1460.568

LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -7.734498 -277.656638 0.661517
-20.943370 -1.299185 2786.328
0.25000 -7.734498 -223.084678 0.661517
-18.533854 -1.341443 3102.343
0.50000 -7.734498 -168.512717 0.661517
-16.124337 -2.969102 3349.477
0.75000 -7.734498 -113.940756 0.661517
-13.714820 -3.804060 3527.732
1.00000 -7.734498 -59.369167 0.661517
-11.305303 -4.639019 3637.107

ELEM 37 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -3.204483 -8.623223 0.367765
4.297603 -1.674944 1460.558
0.25000 -3.204483 12.967824 0.367765
0.297603 -2.139242 1457.815
0.50000 -3.204483 34.558871 0.367765
0.75000 -3.204483 142.8114 0.367765
1.00000 -3.204483 56.398917 0.367765
4.297603 -3.067840 1370.555
1.00000 -3.204483 77.740964 0.367765
4.297603 -3.532139 1286.037

LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -7.894952 -17.450746 0.919566
-7.894952 -1.755991 3637.088
0.25000 -7.894952 31.141277 0.919566
10.294591 -5.336531 3624.663
0.50000 -7.894952 91.719000 0.919566
12.704678 -6.497471 3543.325
0.75000 -7.894952 146.308783 0.919566
15.114765 -7.658411 3393.075
1.00000 -7.894952 200.887746 0.919566
17.524852 -8.819351 3173.912

ELEM 38 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -3.068188 89.254737 0.461099
12.308512 -3.311585 1286.021
0.25000 -3.068188 110.842067 0.461099
12.308512 -4.493627 1159.731
0.50000 -3.068188 132.82747 0.461099
12.308512 -5.075669 1006.191
0.75000 -3.068188 154.017525 0.461099
12.308512 -5.657712 825.400521
1.00000 -3.068188 175.805255 0.461099

12.308512 -6.239754 617.360310
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LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -7.543264 242.800650 1.178612
33.536997 -9.798890 3173.849
0.25000 -7.543264 297.377137 1.178612
35.946714 -11.286642 2832.918
0.50000 -7.543264 351.953623 1.178612
38.356431 -12.774395 2423.095
0.75000 -7.543264 406.530109 1.178612
40.766147 -14.262148 1944.381
1.00000 -7.543264 461.106596 1.178612
43.175864 -15.749901 1396.775

ELEM 39 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -2.780224 187.208557 0.545088
17.325346 -0.7046561 617.332571
0.25000 -2.780224 209.327642 0.545088
17.325346 -7.734684 367.149110
0.50000 -2.780224 232.505676 0.545088
17.325346 -8.422806 88.374029
0.75000 -2.780224 256.742352 0.545088
17.325346 -9.110929 -220.329361
1.00000 -2.780224 282.037973
17.325346 -9.795052 -560.297750

LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -6.826275 503.743683 1.425505
49.79607 -1.702224 1396.557
0.25000 -6.826275 558.325072 1.425505
51.789540 -1.9558236 726.276162
0.50000 -6.826275 612.906462 1.425505
54.191474 -2.1357803 -913.008746
0.75000 -6.826275 667.487851 1.425505
56.609407 -23.157369 -821.197533
1.00000 -6.826275 722.069241 1.425505
59.019340 -24.956935 -1698.290

ELEM 40 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -6.826275 503.743683 1.425505
49.79607 -1.702224 1396.557
0.25000 -6.826275 558.325072 1.425505
51.789540 -1.9558236 726.276162
0.50000 -6.826275 612.906462 1.425505
54.191474 -2.1357803 -913.008746
0.75000 -6.826275 667.487851 1.425505
56.609407 -23.157369 -821.197533
1.00000 -6.826275 722.069241 1.425505
59.019340 -24.956935 -1698.290

LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -6.060120 765.745834 1.600510
46.038689 -27.103124 -1698.423
0.25000 -6.060120 820.322102 1.600510
48.443690 -29.123427 -2699.460
0.50000 -6.060120 874.898378 1.600510
50.858103 -31.143731 -3769.388
0.75000 -6.060120 929.474638 1.600510
53.267810 -33.16485 -4693.207
1.00000 -6.060120 984.050306 1.600510
55.677517 -35.184338 -6115.917
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ELEM 41 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -2.266254 413.62257 0.519419
5.866048 -1.253056 -2312.140
0.25000 -2.266254 442.282450 0.519419
5.866048 -1.430675 -2852.197
0.50000 -2.266254 472.01516 0.519419
5.866048 -1.556424 -3429.099
0.75000 -2.266254 502.779268 0.519419
5.866048 -1.6219914 -4044.180
1.00000 -2.266254 534.61705 0.519419
5.866048 -1.675533 -4698.778

LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -5.639266 1031.277 1.439361
8.933027 -3.329887 -6116.012
0.25000 -5.639266 1085.851 1.439361
11.342600 -3.881794 -7452.150
0.50000 -5.639266 1140.424 1.439361
13.749773 -3.939661 -8857.171
0.75000 -5.639266 1194.997 1.439361
16.161746 -4.1813047 -10331.076
1.00000 -5.639266 1249.570 1.439361
18.571319 -4.4329634 -11873.864

ELEM 42 ===== LENGTH
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -5.976761 1289.521 0.241786
-26.644581 -42.686209 -11873.905
0.25000 -5.976761 1327.736 0.241786
-24.957368 -42.957055 -13470.496
0.50000 -5.976761 1365.946 0.241786
-23.270155 -43.113601 -14220.861
0.75000 -5.976761 1404.159 0.241786
-21.582942 -43.327297 15344.999
1.00000 -5.976761 1442.372 0.241786
-19.895729 -43.540992 -16702.910

ELEM 43 ===== LENGTH
LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -5.976761 1289.521 0.241786
-26.644581 -42.686209 -11873.905
0.25000 -5.976761 1327.736 0.241786
-24.957368 -42.957055 -13470.496
0.50000 -5.976761 1365.946 0.241786
-23.270155 -43.113601 -14220.861
0.75000 -5.976761 1404.159 0.241786
-21.582942 -43.327297 15344.999
1.00000 -5.976761 1442.372 0.241786
-19.895729 -43.540992 -16702.910

= 5.048931
LOAD STEEL -----

REL DIST T M2 M3 V3
0.00000 -2.787638 -711.176501 -0.479549
-36.950058 -15.728829 -6795.105
0.25000 -2.787638 -675.345206 -0.479549
-36.950058 -15.123526 -5920.245
0.50000 -2.787638 -641.38380 -0.479549
-36.950058 -14.518223 -5089.432
0.75000 -2.787638 -609.292572 -0.479549
-36.950058 -13.91292 -4300.307
1.00000 -2.787638 -579.270000 -0.479549
-36.950058 -13.307618 -3550.508

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LOAD CONC -----
REL DIST T M2 M3 V3
0.00000 -7.129432 -1650.045 -1.314140
-102.512474 -0.40369275 -16702.827
0.25000 -7.129432 -1595.471 -1.314140
-102.102872 -38.710525 -14654.528
0.50000 -7.129432 -1540.871 -1.314140
-97.693269 -37.051774 -12675.115
0.75000 -7.129432 -1486.323 -1.314140
-95.003667 -35.938024 -10764.187

REL DIST	P	M2	V2	V3
0.00000	-16.362201	-598.577967		-1.738017
-108.577825	26.346591	6408.243		
0.25000	-16.362201	-544.007214		-1.738017
-106.168361	28.540247	7129.305		
0.50000	-16.362201	-489.436461		-1.738017
-103.758898	30.733903	7781.491		
0.75000	-16.362201	-434.865708		-1.738017
-101.349434	32.910722	8375.683		
1.00000	-16.362201	-380.294955		-1.738017
-98.939971	35.121215	8879.231		
ELEM 48 ===== LENGTH				
= 5.049230				
LOAD STEEL				
REL DIST	P	M2	V2	V3
0.00000	-6.728570	-131.078565		-0.556665
-14.124248	14.088250	3451.216		
0.25000	-6.728570	-108.720574		-0.556665
-14.124248	14.790933	3582.566		
0.50000	-6.728570	-86.362593		-0.556665
-14.124248	15.493615	3705.693		
0.75000	-6.728570	-64.004592		-0.556665
-14.124248	16.196297	3800.598		
1.00000	-6.728570	-41.646901		-0.556665
-14.124248	16.898980	3867.280		
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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	V2	V3
0.00000	-17.388516	-338.541559		-1.408572
-54.978343	37.990978	8879.456		
0.25000	-17.388516	-283.964430		-1.408572
-52.568598	39.769029	9272.353		
0.50000	-17.388516	-229.387302		-1.408572
-50.158853	41.547081	9596.357		
0.75000	-17.388516	-174.810173		-1.408572
-47.749108	43.325132	9851.468		
1.00000	-17.388516	-120.233044		-1.408572
-45.339363	45.103184	10037.686		
ELEM 49 ===== LENGTH				
= 5.049848				
LOAD STEEL				
REL DIST	P	M2	V2	V3
0.00000	-6.651069	-30.398705		-0.429914
-7.320864	16.675568	3867.310		
0.25000	-6.651069	-8.203797		-0.429914
-7.320864	17.183139	3891.573		
0.50000	-6.651069	14.322747		-0.429914
-7.320864	17.710170	3887.605		
0.75000	-6.651069	36.587427		-0.429914
-7.320864	18.303820	3855.409		
1.00000	-6.651069	59.044198		-0.429914
-7.320864	18.846571	3794.982		
LOAD CONC				
REL DIST	P	M2	V2	V3
0.00000	-17.213889	-79.135425		-1.083753
-3.007076	44.598858	10037.821		
0.25000	-17.213889	-24.001616		-1.083753
-5.417116	45.967055	10103.272		
0.50000	-17.213889	-30.032183		-1.083753
-7.827156	47.335252	10099.812		
0.75000	-17.213889	84.615987		-1.083753
-10.237196	48.703449	10027.443		
1.00000	-17.213889	139.199791		-1.083753
-12.647236	50.071647	9886.163		
ELEM 50 ===== LENGTH				
= 5.049596				
LOAD STEEL				
REL DIST	P	M2	V2	V3
0.00000	-6.089582	70.211966		-0.303576
-28.601448	17.262612	3794.988		
0.25000	-6.089582	92.571577		-0.303576
-28.601448	17.645486	3652.239		
0.50000	-6.089582	114.671189		-0.303576
-28.601448	18.029081	3561.263		
0.75000	-6.089582	137.290800		-0.303576
-28.601448	18.412315	3402.061		
1.00000	-6.089582	159.650411		-0.303576
-28.601448	18.795550	3214.632		
LOAD CONC				
REL DIST	P	M2	V2	V3
0.00000	-15.784756	180.242167		-0.751910
-58.070919	46.040652	9886.229		
0.25000	-15.784756	234.823250		-0.751910
-60.489838	46.990062	9624.240		
0.50000	-15.784756	289.404334		-0.751910
-62.899758	47.939273	9293.348		
0.75000	-15.784756	343.985417		-0.751910
-65.309678	48.888483	8893.552		
1.00000	-15.784756	398.566501		-0.751910
-67.719597	49.837693	8424.854		
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FRAME ELEMENT INTERNAL FORCES

ELEM 51 ===== LENGTH				
= 5.049470				
LOAD STEEL -----				
REL DIST	P	M2	V2	V3
0.00000	-5.085056	171.444736		-0.151979
44.687617	15.969717	3214.619		
0.25000	-5.085056	193.515022		-0.151979
44.687617	16.161570	2084.201		
0.50000	-5.085056	215.007775		-0.151979
44.687617	16.545276	2441.607		
0.75000	-5.085056	235.922995		-0.151979
44.687617	16.737129	2130.888		
LOAD CONC -----				
REL DIST	P	M2	V2	V3
0.00000	-13.201272	-441.198612		-0.324109
96.937070	42.571589	8424.879		
0.25000	-13.201272	-495.000000		-0.324109
98.746929	42.980733	7833.474		
0.50000	-13.201272	-550.358051		-0.324109
101.156789	43.389878	7173.170		
0.75000	-13.201272	-604.937771		-0.324109
103.566648	43.799022	6443.966		
1.00000	-13.201272	-659.517491		-0.324109
105.976508	44.208167	5645.863		
ELEM 52 ===== LENGTH				
= 5.048477				
LOAD STEEL -----				
REL DIST	P	M2	V2	V3
0.00000	-6.265608	-135.065555		-0.134449
18.780853	5.009871	219.843		
0.25000	-6.265608	-112.869562		-0.134449
18.780853	4.841385	2353.194		
0.50000	-6.265608	-90.673720		-0.134449
18.780853	4.672899	2480.730		
0.75000	-6.265608	-68.477803		-0.134449
18.780853	4.504413	2580.451		
1.00000	-6.265608	-46.281885		-0.134449
18.780853	4.335926	2652.357		
LOAD CONC -----				
REL DIST	P	M2	V2	V3
0.00000	-13.201272	-441.198612		-0.324109
96.937070	42.571589	8424.879		
0.25000	-13.201272	-495.000000		-0.324109
98.746929	42.980733	7833.474		
0.50000	-13.201272	-550.358051		-0.324109
101.156789	43.389878	7173.170		
0.75000	-13.201272	-604.937771		-0.324109
103.566648	43.799022	6443.966		
1.00000	-13.201272	-659.517491		-0.324109
105.976508	44.208167	5645.863		
ELEM 52 ===== LENGTH				
= 5.048477				
LOAD STEEL -----				
REL DIST	P	M2	V2	V3
0.00000	-6.265608	-135.065555		-0.134449
18.780853	5.009871	219.843		
0.25000	-6.265608	-112.869562		-0.134449
18.780853	4.841385	2353.194		
0.50000	-6.265608	-90.673720		-0.134449
18.780853	4.672899	2480.730		
0.75000	-6.265608	-68.477803		-0.134449
18.780853	4.504413	2580.451		
1.00000	-6.265608	-46.281885		-0.134449
18.780853	4.335926	2652.357		
LOAD CONC -----				
REL DIST	P	M2	V2	V3
0.00000	-13.201272	-441.198612		-0.324109
96.937070	42.571589	8424.879		
0.25000	-13.201272	-495.000000		-0.324109
98.746929	42.980733	7833.474		
0.50000	-13.201272	-550.358051		-0.324109
101.156789	43.389878	7173.170		
0.75000	-13.201272	-604.937771		-0.324109
103.566648	43.799022	6443.966		
1.00000	-13.201272	-659.517491		-0.324109
105.976508	44.208167	5645.863		
ELEM 52 ===== LENGTH				
= 5.048477				
LOAD STEEL -----				
REL DIST	P	M2	V2	V3
0.00000	-6.265608	-135.065555		-0.134449
18.780853	5.009871	219.843		
0.25000	-6.265608	-112.869562		-0.134449
18.780853	4.841385	2353.194		
0.50000	-6.265608	-90.673720		-0.134449
18.780853	4.672899	2480.730		
0.75000	-6.265608	-68.477803		-0.134449
18.780853	4.504413	2580.451		
1.00000	-6.265608	-46.281885		-0.134449
18.780853	4.335926	2652.357		
LOAD CONC -----				
REL DIST	P	M2	V2	V3
0.00000	-13.201272	-441.198612		-0.324109
96.937070	42.571589	8424.879		
0.25000	-13.201272	-495.000000		-0.324109
98.746929	42.980733	7833.474		
0.50000	-13.201272	-550.358051		-0.324109
101.156789	43.389878	7173.170		
0.75000	-13.201272	-604.937771		-0.324109
103.566648	43.799022	6443.966		
1.00000	-13.201272	-659.517491		-0.324109
105.976508	44.208167	5645.863		
ELEM 52 ===== LENGTH				
= 5.048477				
LOAD STEEL -----				
REL DIST	P	M2	V2	V3
0.00000	-6.265608	-135.065555		-0.134449
18.780853	5.009871	219.843		
0.25000	-6.265608	-112.869562		-0.134449
18.780853	4.841385	2353.194		
0.50000	-6.265608	-90.673720		-0.134449
18.780853	4.672899	2480.730		
0.75000	-6.265608	-68.477803		-0.134449
18.780853	4.504413	2580.451		
1.00000	-6.265608	-46.281885		-0.134449
18.780853	4.335926	2652.357		
LOAD CONC -----				
REL DIST	P	M2	V2	V3
0.00000	-13.201272	-441.198612		-0.324109
96.937070	42.571589	8424.879		
0.25000	-13.201272	-495.000000		-0.324109
98.746929	42.980733	7833.474		
0.50000	-13.201272	-550.358051		-0.324109
101.156789	43.389878	7173.170		
0.75000	-13.201272	-604.937771		-0.324109
103.566648	43.799022	6443.966		
1.00000	-13.201272	-659.517491		-0.324109
105.976508	44.208167	5645.863		
ELEM 52 ===== LENGTH				
= 5.048477				
LOAD STEEL -----				
REL DIST	P	M2	V2	V3
0.00000	-6.265608	-135.065555		-0.134449
18.780853	5.009871	219.843		
0.25000	-6.265608	-112.869562		-0.134449
18.780853	4.841385	2353.194		
0.50000	-6.265608	-90.673720		-0.134449
18.780853	4.672899	2480.730		
0.75000	-6.265608	-68.477803		-0.134449
18.780853	4.504413	2580.451		
1.00000	-6.265608	-46.281885		-0.134449
18.780853	4.335926	2652.357		
LOAD CONC -----				
REL DIST	P	M2	V2	V3
0.00000	-13.201272	-441.198612		-0.324109
96.937070	42.571589	8424.879		
0.25000	-13.201272	-495.000000		-0.324109
98.746929	42.980733	7833.474		
0.50000	-13.201272	-550.358051		-0.324109
101.156789	43.389878	7173.170		
0.75000	-13.201272	-604.937771		-0.324109
103.566648	43.799022	6443.966		
1.00000	-13.201272	-659.517491		-0.324109
105.976508	44.208167	5645.863		
ELEM 52 ===== LENGTH				
= 5.048477				
LOAD STEEL -----				
REL DIST	P	M2	V2	V3
0.00000	-6.265608	-135.065555		-0.134449
18.780853	5.009871	219.843		
0.25000	-6.265608	-112.869562		-0.134449
18.780853	4.841385	2353.194		
0.50000	-6.265608	-90.673720		-0.134449
18.780853	4.672899	2480.730		
0.75000	-6.265608	-68.477803		-0.134449
18.780853	4.504413	2580.451		
1.00000	-6.265608	-46.281885		-0.134449
18.780853	4.335926	2652.357		
LOAD CONC -----				
REL DIST	P	M2	V2	V3
0.00000	-13.201272	-441.198612		-0.324109
96.937070	42.571589	8424.879		
0.25000	-13.201272	-495.000000		-0.324109
98.746929	42.980733	7833.474		
0.50000	-13.201272	-550.358051		-0.324109
101.156789	43.389878	7173.170		
0.75000	-13.201272	-604.937771		-0.324109
103.566648	43.799022	6443.966		
1.00000	-13.201272	-659.517491		-0.324109
105.976508	44.208167	5645.863		
ELEM 52 ===== LENGTH				
= 5.048477				
LOAD STEEL -----				
REL DIST	P	M2	V2	V3
0.00000	-6.265608	-135.065555		-0.134449
18.780853	5.009871	219.843		
0.25000	-6.265608	-112.869562		-0.134449
18.780853	4.841385	2353.194		
0.50000	-6.265608	-90.673720		-0.134449
18.780853	4.672899	2480.730		
0.75000	-6.265608	-68.477803		-0.134449
18.780853	4.504413	2580.451		
1.00000	-6.265608	-46.281885		-0.134449
18.780853	4.335926	2652.357		
LOAD CONC -----				
REL DIST	P	M2	V2	V3
0.00000	-13.201272	-441.198612		-0.324109
96.937070	42.571589	8424.879		
0.25000	-13.201272	-495.000000		-0.324109
98.746929	42.980733	7833.474		
0.50000	-13.201272	-550.358051		-0.324109
101.156789	43.389878	7173.170		
0.75000	-13.201272	-604.937771		-0.324109
103.566648	43.799022	6443.966		
1.00000	-13.201272	-659.517491		-0.324109
105.976508	44.208167	5645.863		
ELEM 52 ===== LENGTH				
= 5.048477				
LOAD STEEL -----				
REL DIST	P	M2	V2	V3
0.00000	-6.265608	-135.065555		-0.134449
18.780853	5.009871	219.843		
0.25000	-6.265608	-112.869562		-0.134449
18.780853	4.841385	2353.194		
0.50000	-6.265608	-90.673720		-0.134449
18.780853	4.672899	2480.730		
0.75000	-6.265608	-68.477803		-0.134449
18.780853	4.504413	2580.451		
1.00000	-6.265608	-46.281885		-0.134449
18.780853	4.335926	2652.357		
LOAD CONC -----				
REL DIST	P	M2	V2	V3
0.00000	-13.201272	-441.198612		-0.324109
96.937070	42.571589	8424.879		
0.25000	-13.201272	-495.000000		-0.324109
98.746929	42.980733	7833.474		
0.50000	-13.201272	-550.358051		-0.324109
101.156789	43.389878	7173.170		
0.75000	-13.201272	-604.937771		-0.324109
103.566648	43.799022	6443.966		
1.00000	-13.201272	-659.517491		-0.324109
105.976508	44.208167	5645.863		
ELEM 52 ===== LENGTH				
= 5.048477				
LOAD STEEL -----				
REL DIST	P	M2	V2	V3
0.00000	-6.265608	-135.065555		-0.134449
18.780853	5.009871	219.843		
0.25000	-6.265608	-112.869562		-0.134449
18.780853	4.841385	2353.194		
0.50000	-6.265608	-90.673720		-0.134449
18.780853	4.672899	2480.730		
0.75000	-6.265608	-68.477803		-0.134449
18.780853	4.504413	2580.451		
1.00000	-6.265608	-46.281885		-0.134449
18.780853	4.335926	2652.357		
LOAD CONC -----				
REL DIST	P	M2	V2	V3
0.00000	-13.201272	-441.198612		-0.324109
96.937070	42.571589	8424.879		
0.25000	-13.201272	-495.000000		-0.324109
98.746929	42.980733	7833.474		
0.50000	-13.201272	-550.358051	</	

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FRAME ELEMENT INTERNAL FORCES

ELEM 66 ===== LENGTH = 5.011745

LOAD STEEL -----

REL DIST T P M2 M3 V3

0.00000 1.485611 -257.964845 0.011327
-17.146666 -2.224010 194.787612 0.011327
0.50000 1.485611 -232.763443 0.011327
-17.146666 -2.236202 502.123449 0.011327
0.50000 1.485611 -208.421869 0.011327
-17.146666 -2.252395 778.422192 0.011327
0.75000 1.485611 -184.940122 0.011327
-17.146666 -2.266588 1024.751 0.011327
1.00000 1.485611 -162.318203 0.011327
-17.146666 -2.280780 1242.218

LOAD CONC -----

REL DIST T P M2 M3 V3
0.00000 3.327598 -647.465215 0.112673
-75.929658 -6.101955 158.249067 0.112673
0.25000 3.327598 -591.485279 0.112673
-67.325998 -6.243128 934.412014 0.112673
0.50000 3.327598 -535.505344 0.112673
-58.724338 -6.384300 1640.436 0.112673
0.75000 3.327598 -479.525408 0.112673
-50.121679 -6.521582 1562.741 0.112673
1.00000 3.327598 -423.545473 0.112673
-41.519019 -6.666645 2842.065

ELEM 67 ===== LENGTH = 5.013226

LOAD STEEL -----

REL DIST T P M2 M3 V3
0.00000 1.824636 -150.066232 0.011327
-10.950729 -1.251984 124.9227 0.011327
0.25000 1.824636 -127.867668 0.011327
-10.350729 -1.292823 1416.395 0.011327
0.50000 1.824636 -105.669105 0.011327
-10.950729 -1.261582 1562.741 0.011327
0.75000 1.824636 -83.470542 0.011327
-10.350729 -1.230340 1681.266 0.011327
1.00000 1.824636 -61.271978 0.011327
-10.350729 -1.199099 1771.970

LOAD CONC -----

REL DIST T P M2 M3 V3
0.00000 4.146040 -387.507335 0.017897
-50.807497 -4.357128 2842.147 0.017897
0.25000 4.146040 -331.50108 0.017897
-42.202296 -4.334698 3292.718 0.017897
0.50000 4.146040 -275.510779 0.017897
-39.597094 -4.312867 3673.108 0.017897
0.75000 4.146040 -219.514301 0.017897
-34.991892 -4.289837 3983.317 0.017897
1.00000 4.146040 -163.517823 0.017897
-16.386690 -4.267407 4223.345

ELEM 68 ===== LENGTH = 5.011616

LOAD STEEL -----

REL DIST T P M2 M3 V3
0.00000 1.952599 -49.044598 -0.041381
-0.340806 -0.837834 1771.976 0.041381
0.25000 1.952599 -26.852719 -0.041381
-0.340806 -0.730867 1819.623 0.041381
0.50000 1.952599 -4.660839 -0.041381
-0.340806 -0.734140 -1638.265 0.041381
0.75000 1.952599 17.531041 -0.041381
-0.340806 -0.685993 1821.202 0.041381
1.00000 1.952599 39.722920 -0.041381
-0.340806 -0.630445 1795.334 0.041381
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LOAD CONC -----

REL DIST T P M2 M3 V3
0.00000 4.465273 -127.332941 -0.082721
-16.592839 -3.366314 4223.378 0.082721
0.25000 4.465273 -17.353324 -0.082721
-3.790228 -3.252671 4347.847 0.082721
0.50000 4.465273 -15.373706 -0.082721
0.612383 -3.159027 4402.179 0.082721
0.75000 4.465273 40.605912 -0.082721
8.214994 -3.055383 4389.322 0.082721
1.00000 4.465273 96.585530 -0.082721
17.817605 -2.951739 4300.426

ELEM 69 ===== LENGTH = 5.012440

LOAD STEEL -----

REL DIST T P M2 M3 V3
0.00000 1.832102 51.966936 -0.059365
0.215654 -0.969252 1795.324 0.059365
0.25000 1.832102 74.162019 -0.059365
0.215654 -0.894861 1716.307 0.059365
0.50000 1.832102 96.357102 -0.059365
0.215654 -0.820471 1609.467 0.059365
0.75000 1.832102 118.552166 -0.059365
9.215654 -0.746800 1474.815 0.059365
1.00000 1.832102 140.747269 -0.059365
8.215654 -0.671689 1312.349

LOAD CONC -----

REL DIST T P M2 M3 V3
0.00000 4.186405 132.810131 -0.152675
16.833447 4.186405 188.797830 -0.152675
0.25000 4.186405 188.797830 -0.152675
25.437199 -3.544687 4098.883 0.152675
0.50000 4.186405 244.785229 -0.152675
34.041052 -3.470594 4098.883 0.152675
0.75000 4.186405 300.773227 -0.152675
42.644905 -3.162050 3485.396 0.152675
1.00000 4.186405 356.760926 -0.152675
51.248758 -2.970731 3073.415

ELEM 70 ===== LENGTH = 5.012188

LOAD STEEL -----

REL DIST T P M2 M3 V3
0.00000 1.494946 153.020278 -0.088584
17.027556 -1.621504 1312.338 0.088584
0.25000 1.494946 175.644200 -0.088584
17.027556 -1.621504 1312.338 0.088584
0.50000 1.494946 199.128026 -0.088584
17.027556 -1.399504 871.798080 0.088584
0.75000 1.494946 223.471755 -0.088584
17.027556 -1.289804 607.711954 0.088584
1.00000 1.494946 248.675388 -0.088584
17.027556 -1.177504 319.73639

LOAD CONC -----

REL DIST T P M2 M3 V3

0.00000 3.388889 392.807879 -0.265845
45.131052 -5.217587 3073.300 0.265845
0.25000 3.388889 448.792771 -0.265845
53.734474 -4.884471 2546.018 0.265845
0.50000 3.388889 504.777663 -0.265845
62.337895 -4.551354 1948.583 0.265845
0.75000 3.388889 560.762555 -0.265845
70.941316 -4.218238 1509.987 0.265845
1.00000 3.388889 616.747447 -0.265845
79.544738 -3.885121 543.259593 0.265845
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ELEM 71 ===== LENGTH = 5.013112

LOAD STEEL -----

REL DIST T P M2 M3 V3
0.00000 1.048361 261.324487 -0.125616
20.491403 -2.436022 311.379277 0.125616
0.25000 1.048361 287.249481 -0.125616
20.491403 -2.270590 -32.318669 0.125616
0.50000 1.048361 313.747850 -0.125616
20.491403 -2.121158 -408.867139 0.125616
0.75000 1.048361 340.819594 -0.125616
20.491403 -1.963726 -518.984729 0.125616
1.00000 1.048361 368.464713 -0.125616
20.491403 -1.806295 -1263.390

LOAD CONC -----

REL DIST T P M2 M3 V3
0.00000 2.342372 652.632053 -0.410477
59.459070 -6.833839 543.088071 0.410477
0.25000 2.342372 708.827007 -0.410477
68.064076 -6.319398 -309.935070 0.410477
0.50000 2.342372 764.822464 -0.410477
76.669083 -5.804956 -1233.126 0.410477
0.75000 2.342372 820.617670 -0.410477
85.274089 -5.290515 -2226.499 0.410477
1.00000 2.342372 876.612871 -0.410477
93.879096 -4.776074 -3290.050

ELEM 72 ===== LENGTH = 5.012197

LOAD STEEL -----

REL DIST T P M2 M3 V3
0.00000 0.645108 381.496469 -0.160819
17.399013 -2.944525 -1263.412 0.160819
0.25000 0.645108 409.948677 -0.160819
17.399013 -2.743011 -1759.163 0.160819
0.50000 0.645108 439.451881 -0.160819
17.399013 -2.541496 -2291.223 0.160819
0.75000 0.645108 470.008079 -0.160819
17.399013 -2.339981 -2860.911 0.160819
1.00000 0.645108 501.611272 -0.160819
17.399013 -2.138467 -3469.544

LOAD CONC -----

REL DIST T P M2 M3 V3
0.00000 1.423198 913.134093 -0.527493
56.669073 -7.369414 -3290.255 0.527493
0.25000 1.423198 969.119064 -0.527493
65.72510 -6.708439 -4469.533 0.527493
0.50000 1.423198 1025.104 -0.527493
73.875947 -6.047464 -5718.963 0.527493
0.75000 1.423198 1081.089 -0.527493
82.739383 -5.386489 -7038.545 0.527493
1.00000 1.423198 1137.074 -0.527493
91.082820 -4.725514 -8428.278

ELEM 73 ===== LENGTH = 3.508693

LOAD STEEL -----

REL DIST T P M2 M3 V3
0.00000 0.431389 514.461 0.078715
0.405027 -2.730452 -3469.558 0.078715
0.25000 0.431389 537.335902 -0.078715
0.405027 2.661405 -3930.806 0.078715
0.50000 0.431389 560.975606 -0.078715
0.405027 -2.592359 -4412.455 0.078715
0.75000 0.431389 585.378687 -0.078715
0.405027 2.523312 -4915.175 0.078715
1.00000 0.431389 610.546765 -0.078715
0.405027 -2.454266 -5459.836 0.078715
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LOAD CONC -----

REL DIST T P M2 M3 V3
0.00000 0.976031 1167.345 -0.256159
15.774736 -5.958492 -8428.459 0.256159
0.25000 0.976031 1206.537 -0.256159
21.797409 -5.733796 -9489.612 0.256159
0.50000 0.976031 1245.737 -0.256159
27.820081 -5.509101 -10545.143 0.256159
0.75000 0.976031 1284.919 -0.256159
33.842754 -5.284405 -11655.051 0.256159
1.00000 0.976031 1324.10 -0.256159
39.865426 -5.059710 -12799.336

ELEM 74 ===== LENGTH = 3.508389

LOAD STEEL -----

REL DIST T P M2 M3 V3
0.00000 2.026474 -618.272968 -0.101218
-56.122721 -2.328944 -5437.778 0.101218
0.25000 2.026474 -593.107218 -0.101218
-8.576217 -2.240166 -4906.588 0.101218
0.50000 2.026474 568.705854 -0.101218
0.75000 2.026474 545.068876 -0.101218
0.75000 2.026474 -545.068876 -0.101218
-8.576217 -2.062612 -3908.749 0.101218
1.00000 2.026474 -522.196283 -0.101218
-8.576217 -1.973834 -3440.760

LOAD CONC -----

REL DIST T P M2 M3 V3
0.00000 5.156770 -1359.903 -0.213701
-56.122721 -4.554980 -12794.533 0.213701
0.25000 5.156770 -1359.903 -0.213701
-56.122721 -4.367545 -11618.958 0.213701
0.50000 5.156770 -1281.528 -0.213701
-44.078490 -4.180109 -10477.755 0.213701
0.75000 5.156770 -1242.340 -0.213701
-38.056375 -3.992674 -9370.922 0.213701
1.00000 5.156770 -1203.152 -0.213701
-32.034260 -3.805238 -8298.461

ELEM 75 ===== LENGTH = 5.012389

LOAD STEEL -----

REL DIST T P M2 M3 V3

0.00000 2.325621 -509.372533 0.000693
-21.021608 -1.143126 -3440.746 0.000693
0.25000 2.325621 -477.766130 0.000693
-21.021608 -1.143994 -2822.365 0.000693
0.50000 2.325621 -447.210763 0.000693
-21.021608 -1.144862 -2242.932 0.000693
0.75000 2.325621 -417.706430 0.000693
-21.021608 -1.145729 -1711.129 0.000693
1.00000 2.325621 -389.251333 0.000693
-21.021608 -1.146597 -1195.639

LOAD CONC -----

REL DIST T P M2 M3 V3
0.00000 5.948073 -1172.906 0.131569
-104.680332 -1.613865 -8298.274 0.131569
0.25000 5.948073 -1116.919 0.131569
-96.076566 -1.778734 -6863.587 0.131569
0.50000 5.948073 -1060.932 0.131569
-87.472800 -1.943602 -5499.058 0.131569
0.75000 5.948073 -1004.945 0.131569
-78.869034 -2.106471 -4204.685 0.131569
1.00000 5.948073 -948.956719 0.131569
-70.265268 -2.273339 -2980.471 0.131569
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ELEM 76 ===== LENGTH = 5.011863

LOAD STEEL -----

REL DIST T P M2 M3 V3
0.00000 2.808972 -376.273088 -0.026952
-24.204163 0.218851 -1195.609 0.026952
0.25000 2.808972 -348.635576 -0.026952
-24.204163 0.252620 -741.525101 0.026952
0.50000 2.808972 -321.578552 -0.026952
-24.204163 0.286390 -321.712283 0.026952
0.75000 2.808972 -295.078809 -0.026952
-24.204163 0.320160 64.548138 0.026952
1.00000 2.808972 -269.160273 0.026952
-24.204163 0.353929 -417.974402

LOAD CONC -----

REL DIST T P M2 M3 V3
0.00000 7.181588 -912.535992 0.035446
-106.829708 0.200207 1098.237 0.035446
0.25000 7.181588 -856.554736 0.035446
-98.226845 1.164794 -1871.932 0.035446
0.50000 7.181588 -800.573480 0.035446
-89.623982 1.120381 -933.789552 0.035446
0.75000 7.181588 -744.592224 0.035446
-81.021120 1.075968 134.250287 0.035446
1.00000 7.181588 -688.610968 0.035446
-72.418257 1.031556 1032.128

ELEM 77 ===== LENGTH = 5.012461

LOAD STEEL -----

REL DIST T P M2 M3 V3
0.00000 3.332576 -256.442485 -0.063676
-20.016472 1.831126 417.996506 0.063676
0.25000 3.332576 -231.333003 -0.063676
-20.016472 1.910199 723.506234 0.063676
0.50000 3.332576 -207.274626 -0.063676
-20.016472 1.990712 998.209463 0.063676
0.75000 3.332576 -184.267272 -0.063676
-20.016472 3.327050 1243.423 0.063676
1.00000 3.332576 -162.310969 -0.063676
-20.016472 2.150299 1460.465

LOAD CONC -----

REL DIST T P M2 M3 V3
0.00000 8.517800 -652.498138 -0.101038
-89.205204 4.800167 1032.303 0.101038
0.25000 8.517800 -596.510199 -0.101038
-81.478790 1814.478 0.101038
0.50000 8.517800 -540.522260 -0.101038
-71.94725 5.053393 2527.295 0.101038
0.75000 8.517800 -484.534321 -0.101038
0.300835 -1.800095 317.7521 0.101038
1.00000 8.517800 -428.546381 -0.101038
-54.786945 5.306618 3741.650

ELEM 78 ===== LENGTH = 5.012184

LOAD STEEL -----

REL DIST T P M2 M3 V3
0.00000 3.736180 -150.077263 -0.088840
-10.66476 3.736180 -150.077263 -0.088840
0.25000 3.736180 -128.647669 -0.088840
-11.556476 3.401015 1635.103 0.088840
0.

0.00000 2.111234 503.521450 -0.253585 -58.109510 -3.577589 1223.850 1.027311
12.426693 2.845305 3020.718 0.00000 7.108915 -428.198778 1.027311
0.25000 2.111234 526.0591 4.869478 -0.253585
12.426693 3.067747 -3472.379 0.75000 7.108915 -32.207985 1.027311
0.50000 2.111234 550.036197 -0.253585 -40.900853 -6.152399 2297.070
12.426693 3.290189 -3944.441 0.75000 7.108915 316.21791 1.027311
0.75000 2.111234 574.4419 45.7236524 -7.439604 2728.430
12.426693 3.512631 -4437.575
1.00000 2.111234 599.608828 -0.253585
12.426693 3.735073 -4952.451

LOAD CONC V3
REL DIST T M2 M3
0.00000 5.356534 1161.776 -0.693955
40.825760 8.372939 -7766.763
0.25000 5.356534 1200.968 -0.693955
46.848545 8.981670 -8403.051
0.50000 5.356534 1240.160 -0.693955
52.871331 9.590400 -9473.718
0.75000 5.356534 1279.352 -0.693955
58.894117 10.199130 -10578.763
1.00000 5.356534 1318.544 -0.693955
64.916902 10.807861 -11718.187

ELEM 85 ===== LENGTH
= 3.508006
LOAD STEEL V3
REL DIST T M2 M3
0.00000 2.040952 -574.093562 0.552573
-0.163725 3.478301 -4952.427
0.25000 2.040952 -548.930417 0.552573
-0.163725 2.993694 -4460.036
0.50000 2.040952 -524.531927 0.552573
-0.163725 2.509087 -3989.378
0.75000 2.040952 -500.897047 0.552573
-0.163725 2.024480 -3539.783
1.00000 2.040952 -478.026929 0.552573
-0.163725 1.539673 -3110.580

LOAD CONC V3
REL DIST T M2 M3
0.00000 5.134810 -1248.743 1.459309
-31.814074 8.134955 -1179.0287
0.25000 5.134810 -1207.555 1.459309
-25.292582 8.760238 -10641.913
0.50000 5.134810 -1168.376 1.459309
-19.271090 9.450422 -9600.064
0.75000 5.134810 -1129.192 1.459309
-13.249598 6.200606 -8592.579
1.00000 5.134810 -1090.029 1.459309
-7.228106 4.928189 -7500.064
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ELEM 86 ===== LENGTH
= 5.013040
LOAD STEEL V3
REL DIST T M2 M3
0.00000 2.193438 -465.341229 0.488681
-12.150325 2.957296 -3110.577
0.25000 2.193438 -433.10272 0.488681
-12.150325 1.344852 -2547.301
0.50000 2.193438 -403.711387 0.488681
-12.150325 2.193438 -373.65323 0.488681
-12.150325 0.119964 -1536.305
1.00000 2.193438 -345.265232 0.488681
-12.150325 -0.492480 -1085.950

LOAD CONC V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 87 ===== LENGTH
= 5.011783
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 88 ===== LENGTH
= 5.012177
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 89 ===== LENGTH
= 5.012743
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 90 ===== LENGTH
= 5.011846
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 91 ===== LENGTH
= 5.012170
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 92 ===== LENGTH
= 5.012571
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 93 ===== LENGTH
= 5.012035
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 94 ===== LENGTH
= 5.012749
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 95 ===== LENGTH
= 3.508280
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 96 ===== LENGTH
= 5.012806
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 97 ===== LENGTH
= 5.011799
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 98 ===== LENGTH
= 5.012909
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 99 ===== LENGTH
= 5.012245
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 100 ===== LENGTH
= 5.012519
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 101 ===== LENGTH
= 5.012015
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 102 ===== LENGTH
= 5.012632
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 103 ===== LENGTH
= 5.012732
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 104 ===== LENGTH
= 5.012832
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 105 ===== LENGTH
= 5.012932
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 106 ===== LENGTH
= 5.013032
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 107 ===== LENGTH
= 5.013132
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 108 ===== LENGTH
= 5.013232
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 109 ===== LENGTH
= 5.013332
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 110 ===== LENGTH
= 5.013432
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79.392193 5.799490 -7619.300
0.25000 5.458529 -1000.103 1.365224
-70.787310 4.088509 -6325.803
0.50000 5.458529 -948.114587 1.365224
-62.182427 2.377528 -5102.481
0.75000 5.458529 -892.120184 1.365224
-53.577543 0.666546 -3949.335
1.00000 5.458529 -836.125780 1.365224
-44.972660 -1.044435 -2866.364

ELEM 111 ===== LENGTH
= 5.013532
LOAD STEEL V3
REL DIST T M2 M3
0.00000 5.458529 -1060.103 1.365224
-79

0.00000	17.087920	-79.339400	-0.984150
35.307252	32.592305	9930.076	
0.50000	17.087920	-23.349552	-0.984150
43.911435	33.826200	9974.419	
0.50000	17.087920	32.640295	-0.984150
52.515619	35.059495	9988.598	
0.75000	17.087920	88.530143	-0.984150
61.119802	36.292791	9912.612	
1.00000	17.087920	144.619991	-0.984150
69.723985	37.526086	9766.463	
ELEM 103 ===== LENGTH			
= 5.012269			
LOAD STEEL			
REL DIST	P	M2	V3
T	M2	M3	
0.00000	6.042016	72.402703	-0.356699
32.396968	12.900836	3761.273	
0.25000	6.042016	94.597031	-0.356699
32.396968	13.347804	3656.642	
0.50000	6.042016	116.791359	-0.356699
32.396968	13.794773	3524.200	
0.75000	6.042016	138.985687	-0.356699
1.00000	14.241741	3363.947	
0.00000	6.042016	161.180011	-0.356699
32.396968	14.688709	3175.883	
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FRAME ELEMENT INTERNAL FORCES			
LOAD	CONC		
REL DIST	P	M2	V3
T	M2	M3	
0.00000	15.647181	182.148158	-0.881639
107.915279	33.486434	9766.276	
0.25000	15.647181	238.133951	-0.881639
116.518839	34.591186	9502.925	
0.50000	15.647181	294.119744	-0.881639
125.122399	35.695339	9169.480	
0.75000	15.647181	350.105538	-0.881639
133.729599	36.800691	8765.251	
1.00000	15.647181	406.091331	-0.881639
142.329519	37.905444	8292.068	

ELEM 104 ===== LENGTH			
= 5.012256			
LOAD STEEL			
REL DIST	P	M2	V3
T	M2	M3	
0.00000	5.027390	173.659861	-0.358233
51.548291	11.843948	5175.834	
0.25000	5.027390	195.567492	-0.358233
51.548291	12.292736	2944.442	
0.50000	5.027390	216.901846	-0.358233
51.548291	12.741225	2685.957	
0.75000	5.027390	237.662923	-0.358233
51.548291	13.190513	2401.097	
1.00000	5.027390	257.850723	-0.358233
51.548291	13.639401	2090.582	

LOAD CONC			
REL DIST	P	M2	V3
T	M2	M3	
0.00000	13.041335	442.465685	-0.918130
175.927894	30.599574	9231.675	
0.25000	13.041335	498.474501	-0.918130
184.531431	31.749050	7702.161	
0.50000	13.041335	554.432620	-0.918130
198.134968	32.899526	7042.493	
0.75000	13.041335	610.422620	-0.918130
201.738505	34.050001	6312.671	
1.00000	13.041335	666.408266	-0.918130
210.342043	35.200477	5512.695	

ELEM 105 ===== LENGTH			
= 5.012257			
LOAD STEEL			
REL DIST	P	M2	V3
T	M2	M3	
0.00000	3.698431	268.251292	-0.471801
57.941829	9.881446	2090.533	
0.25000	3.698431	288.121780	-0.471801
57.941829	10.294123	1741.941	
0.50000	3.698431	307.930828	-0.471801
57.941829	11.063840	1368.488	
0.75000	3.698431	327.678496	-0.471801
57.941829	11.650366	970.251391	
1.00000	3.698431	347.364764	-0.471801
57.941829	12.246233	547.309191	

LOAD CONC			
REL DIST	P	M2	V3
T	M2	M3	
0.00000	9.609429	698.132036	-1.262436
217.019854	25.947022	5512.203	
0.25000	9.609429	754.117699	-1.262436
225.623394	27.076616	4602.322	
0.50000	9.609429	810.146157	-1.262436
234.226934	28.658529	3622.287	
0.75000	9.609429	866.089025	-1.262436
242.830474	30.240443	2572.099	
0.00000	9.609429	922.074662	-1.262436
251.434014	31.822356	1451.757	
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FRAME ELEMENT INTERNAL FORCES			
LOAD	CONC		
REL DIST	P	M2	V3
T	M2	M3	
0.00000	1.702602	352.563793	1.401213
37.855217	6.946990	547.1523	
0.25000	1.702602	358.445569	1.401213
37.855217	6.432205	413.798765	
0.50000	1.702602	364.796564	1.401213
37.855217	5.898220	374.540534	
0.75000	1.702602	370.116920	1.401213
37.855217	5.369634	139.888385	
1.00000	1.702602	375.904616	1.401213
37.855217	4.842849	-0.346130	

LOAD CONC			
REL DIST	P	M2	V3
T	M2	M3	
0.00000	4.424935	932.388991	3.661139
176.011564	12.985022	1451.811	
0.25000	4.424935	949.186037	3.661139
178.592834	16.693799	1098.122	
0.50000	4.424935	965.983084	3.661139
181.174103	19.371796	738.118882	
0.75000	4.424935	982.780130	3.661139
183.755372	13.940993	371.800639	
1.00000	4.424935	999.577176	3.661139
186.336641	12.564590	-0.832445	

ELEM 107 ===== LENGTH			
= 3.706987			
LOAD STEEL			
REL DIST	P	M2	V3
T	M2	M3	
0.00000	2.261696	-43.667073	-1.590229
3.60E-05	2.416728	43.692068	
0.51303	2.261696	-43.667073	-1.590229

0.35069	1.151107	-15.151527	-0.765418
3.40E-05	1.299548	2.881587	
0.51302	1.156803	-13.770668	-0.765418
-8.40E-05	-0.838960	5.823038	
0.67534	0.986499	-12.407810	-0.765418
8.40E-05	-0.378372	13.702152	
0.83767	0.904194	-11.035951	-0.765418
-8.40E-05	0.082216	20.755754	
1.00000	0.821890	-9.664092	-0.765418
-8.40E-05	0.542803	26.983845	

ELEM 108 ===== LENGTH			
= 3.705996			
LOAD STEEL			
REL DIST	P	M2	V3
T	M2	M3	
0.35069	3.355701	-43.526450	-2.010651
-0.002013	-3.403392	8.916475	
0.51302	3.355701	-43.526450	-2.010651
-0.002013	-2.193490	35.108371	
0.67534	3.355701	-43.526450	-2.010651
-0.002013	-0.983587	61.300267	
0.83767	3.355701	-43.526450	-2.010651
-0.002013	0.226315	87.492163	
1.00000	3.355701	-43.526450	-2.010651
-0.002013	1.436218	113.684059	

ELEM 109 ===== LENGTH			
= 3.705883			
LOAD STEEL			
REL DIST	P	M2	V3
T	M2	M3	
0.00000	0.045727	4.247463	-0.768219
0.000453	-0.544622	26.983796	-0.768219
0.16230	-0.036565	-2.876172	-0.768219
0.000453	-0.082538	29.126226	-0.768219
0.32464	-0.118957	-1.504034	-0.768219
0.000453	0.329545	30.443825	-0.768219
0.48691	-0.201149	0.133589	-0.768219
0.000453	0.841628	30.935594	-0.768219
0.64922	-0.234441	87.492163	-0.768219
0.000453	1.303711	30.604532	-0.768219
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FRAME ELEMENT INTERNAL FORCES			
LOAD	CONC		
REL DIST	P	M2	V3
T	M2	M3	
0.00000	0.048776	-8.174287	-2.011079
0.003191	-1.433036	113.683847	-2.011079
0.16230	0.048776	-8.174287	-2.011079
0.003191	-0.223374	118.006873	-2.011079
0.003191	0.048776	8.174287	-2.011079
0.003191	0.986288	123.517439	-2.011079
0.48691	0.048776	-8.174287	-2.011079
0.003191	2.195950	128.434325	-2.011079
0.64922	0.048776	-8.174287	-2.011079
0.003191	3.405612	133.351151	-2.011079

ELEM 110 ===== LENGTH			
= 3.706995			
LOAD STEEL			
REL DIST	P	M2	V3
T	M2	M3	
0.35079	0.491833	-10.938909	-0.897031
0.00000	0.048776	-8.174287	-2.011079
0.003191	-1.433036	113.683847	-2.011079
0.16230	0.048776	-8.174287	-2.011079
0.003191	-0.223374	118.006873	-2.011079
0.003191	0.048776	8.174287	-2.011079
0.003191	0.986288	123.517439	-2.011079
0.48691	0.048776	-8.174287	-2.011079
0.003191	2.195950	128.434325	-2.011079
0.64922	0.048776	-8.174287	-2.011079
0.003191	3.405612	133.351151	-2.011079

ELEM 111 ===== LENGTH			
= 3.706841			
LOAD STEEL			
REL DIST	P	M2	V3
T	M2	M3	
0.00000	2.654737	-51.625402	-2.340128
0.000478	-3.487679	22.466594	-2.340128
0.51310	2.654737	-51.625402	-2.340128
0.000478	-2.080161	53.297769	-2.340128
0.67540	2.654737	-51.625402	-2.340128
0.000478	0.672642	84.348943	-2.340128
0.83770	2.654737	-51.625402	-2.340128
1.00000	2.654737	-51.625402	-2.340128
0.000478	2.142395	146.451292	-2.340128

ELEM 110 =====		LENGTH	
= 3.706995			
LOAD STEEL			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.035571	1.043953	-0.897792
0.000227	-0.020967	27.768452	
0.000227	-0.17875	2.415816	-0.897792
0.000227	-0.280722	26.727496	
0.32466	-0.200180	3.787680	-0.897792
0.000227	0.259523	24.861023	
0.06958	-0.282494	5.159543	-0.897792
0.000227	0.779929	2.18322	
0.64931	-0.364788	6.531407	-0.897792
0.000227	1.340014	18.651525	

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ELEM	121	=====	LENGTH
= 3.707122			
LOAD	STEEL	-----	
REL DIST	P2	V2	V3
T	M	M3	
0.35068	0.53976	-8.709093	0.584534
-3.97E-05	0.893009	15.249628	
0.51301	0.457460	-7.337157	0.584534
-3.97E-05	0.541248	20.077788	
0.67534	0.375154	-9.566221	0.584534
-3.97E-05	0.169487	24.080343	
0.83767	0.292849	-4.593258	0.584534
-3.97E-05	-0.162275	27.257295	
1.00000	0.210543	-3.221349	0.584534
-3.97E-05	-0.1514036	29.608642	

LOAD	CONC			
REL DIST		P	V2	V3
T		M2	M3	
0.35068	2.667820	-44.503745	1.527727	
-0.000132	2.333330	49.671942		
0.51301	2.667820	-44.503745	1.527727	
-0.000132	1.413974	76.453427		
0.67534	2.667820	-44.503745	1.527727	
-0.000132	0.494617	103.234912		
0.83767	2.667820	-44.503745	1.527727	
-0.000132	-0.247397	130.016397		
1.00000	2.667820	-44.503745	1.527727	
-0.000132	-1.344095	156.797882		

ELEM	122	LENGTH	
3.706128			
LOAD STEEL -----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.269640	4.360644	0.590932
-0.000154	0.520460	29.644175	
0.16231	-0.351934	5.732011	0.590932
-0.000154	0.164995	26.608648	
0.32461	-0.434228	7.103377	0.590932
-0.000154	-0.190470	22.748200	
0.48692	-0.516521	8.474744	0.590932
-0.000154	-0.545934	18.062831	
0.64923	-0.598815	9.846111	0.590932
-0.000154	-0.901399	12.525240	

LOAD	CONC	-----			
REL DIST		P	M2	M3	V3
0.00000	T				
-0.000520		-2.178659	35.229574		1.545112
0.16231		1.361861	157.006070		
0.000520		-2.178659	35.229574		1.545112
-0.000520		0.432427	135.814354		
0.32461		-2.178659	35.229574		1.545112
-0.000520		-0.497008	114.622639		
0.48692		-2.178659	35.229574		1.545112
-0.000520		-1.426442	93.403924		
0.64923		-2.178659	35.229574		1.545112
-0.000520		-2.355877	12.239209		

ELEM	123	=====			LENGTH
S 3.706519					
LOAD	STEEL				
REL DIST	M2	V2	V3		
0.35073	0.736604	-9.065394	0.416577		
-6.66E-05	0.638498	15.174516			
0.51301	0.543305	-7.693803	0.416577		
-6.66E-05	0.375772	20.159381			
0.67537	0.572007	-6.322213	0.416577		
-6.66E-05	0.137247	24.432157			
0.83768	0.439708	-2.953033	0.416577		
-6.66E-05	-0.13378	27.823193			
1.00000	0.407410	-3.579032	0.416577		
-6.66E-05	-0.364004	30.389039			
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FEM 3D INPUT					

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LOAD		CONC		-----	
REL DIST	P	V2	V3		
T	M2	M3			
0.35073	3.439239	-48.602473	1.113930		
0.000390	1.705903	43.059340			
0.51305	3.439239	-48.602473	1.113930		
-0.000390	1.035730	72.300028			
0.67537	3.439239	-48.602473	1.113930		
-0.000390	0.365556	101.540716			
0.83768	3.439239	-48.602473	1.113930		
-0.000390	-0.304618	130.781405			
1.00000	3.439239	-48.602473	1.113930		
-0.000390	-0.974791	160.022093			

ELEM	124	LENGTH	
LOAD	3.706519		
REL	STEEL		
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.200582	4.971566	0.419652
-7.17E-05	0.367244	30.490256	
0.16232	-0.282880	6.343156	0.419652
-7.17E-05	0.114769	27.086620	
0.32463	-0.365179	7.714747	0.419652
-7.17E-05	-0.137706	22.857794	
0.48695	-0.447477	9.086337	0.419652
-7.17E-05	-0.390181	17.803779	
0.64927	-0.523215	10.457928	0.419652
-7.17E-05	-0.642656	11.924575	

-7.17E-05	-0.642656	11.924575		
LOAD	CONC	-----		
REL DIST				
T	P	V2	V3	
	M2	M3		
0.00000	-1.883344	36.258323	1.121979	
-9.19E-05	0.983523	160.413292		
0.16232	-1.883344	36.258323	1.121979	
-9.19E-05	0.308507	138.599210		
0.32463	-1.883344	36.258323	1.121979	
-9.19E-05	-0.366510	167.785128		
0.48695	-1.883344	36.258323	1.121979	
-9.19E-05	-1.041526	94.971046		
0.64927	-1.883344	36.258323	1.121979	
-9.19E-05	-1.716542	73.156965		

-9.19E-05	-1.716542	3.156965		
ELEM	125	=====	LENGTH	
=	3.706916			
LOAD	STEEL	=====		
REL DIST	P	V2	V3	
	M2	M3		
0.35070	0.929154	-9.669242	0.090046	
9.23E-05	0.131070	14.573278		
0.51302	0.846130	-2.917423	0.090046	
-9.23E-05	0.076887	19.978811		
0.67535	0.764547	-6.925605	0.090046	
9.23E-05	0.022704	24.558890		
0.83767	0.682344	-5.537377	0.090046	
-9.23E-05	-0.031480	28.313487		
1.00000	0.599941	-4.181968	0.090046	
-9.23E-05	-0.085663	31.242630		

LOAD	CONC	-----		
REL DIST	P	V2	V3	
0.35070	2.868479	-47.044523	0.860948	
0.000353	0.802970	74.160158		
0.67535	2.868479	-47.044523	0.860948	
-0.000353	0.232975	100.766930		
0.83768	2.868479	-47.044523	0.860948	
-0.000353	0.750947	159.070316		

0.35070	3.625695	-43.984896	0.331916
0.000958	0.480904	46.880823	
0.51300	3.625695	-43.984896	0.331916
0.000958	0.281180	73.347815	
0.67535	3.625695	-43.984896	0.331916
0.000958	0.081456	99.814806	
0.83768	3.625695	-43.984896	0.331916
0.000958	-0.118268	126.281798	
1.00000	3.625695	-43.984896	0.331916
0.000958	-0.317991	152.748790	

< BEFORE COMPOSITE SELF-WEIGHT LOAD > FRAME ELEMENT INTERNAL FORCES

FORCES			
ELEM	126	=====	LENGTH
LOAD	3.706998		
REL STEEL	-----		
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.113406	5.639121	0.091603
-0.000128	0.087364	31.353807	
0.16233	-0.135710	7.010996	0.091603
-0.000128	0.032242	27.547111	
0.32466	-0.278014	8.382851	0.091603
-0.000128	-0.022881	22.916094	
0.48693	-0.380319	9.754717	0.091603
-0.000128	-0.078003	17.458959	
0.64931	-0.442623	11.126581	0.091603
-0.000128	-0.133125	11.176305	

LOAD	CONC	-----			
REL DIST		P	V2	V3	
T		M2	M3		
0.00000	-1.078386	29.886819		0.337994	
-0.001063	0.324656	153.093946			
0.16233	-1.078386	29.886819		0.337994	
-0.001063	0.121268	135.109569			
0.32466	-1.078386	29.886819		0.337994	
-0.001063	-0.082119	117.125193			
0.48693	-1.078386	29.886819		0.337994	
-0.001063	-0.285507	99.140817			
0.64931	-1.078386	29.886819		0.337994	

ELEM	127	=====	LENGTH	
3.706879				
LOAD STEEL	-----			
REL DIST	T	P	V2	V3
		M2	M3	
0.35070	0.697733	-8.105862	-0.177900	
0.51302	0.615430	-6.734066	-0.177900	
-7.81E-05	-0.157303	20.646993		
0.67535	0.533127	-5.362269	-0.177900	
-7.81E-05	-0.050257	24.268294		

7.81E-05	0.0565789	27.100158	
1.00000	0.368522	2.618676	-0.177900
7.81E-05	0.163835	29.088585	

LOAD	CONC	-----			
REL DIST	P	V2	V3		
T	M2	M3			
0.35070	3.002063	-39.839910	-0.336070		
-0.000885	-0.496004	52.234856			
0.51302	3.002063	-39.839910	-0.336070		
-0.000885	-0.293784	76.207313			
0.67535	3.002063	-39.839910	-0.336070		
-0.000885	-0.091564	100.179769			
0.83767	3.002063	-39.839910	-0.336070		
-0.000885	-0.110656	124.152226			
1.00000	3.002063	-39.839910	-0.336070		
-0.000885	0.312876	148.124682			

ELEM	128	=====	LENGTH
= 3.706956			
LOAD STEEL -----			
REL DIST	M2	V2	V3
	P	M3	
0.00000	-0.088814	3.845719	-0.177369
-0.000118	-0.163181	29.777745	
0.16233	-0.171117	5.217580	-0.177369
-0.000118	-0.056450	26.450880	
0.32465	-0.253421	6.589402	-0.177369
-0.000118	-0.050280	22.898525	
0.48698	-0.335725	7.961243	-0.177369
-0.000118	-0.157010	18.062639	
0.64931	-0.418026	9.333084	-0.177369
-0.000118	-0.263740	13.317343	

< BEFORE COMPOSITE SELF-WEIGHT LOAD > FRAME ELEMENT INTERNAL FORCES

FRAME ELEMENT INTERNA	
L FORCES	
LOAD	CONC -----
REL DIST	P
T	M2
0.00000	-1.203410
0.001054	-0.307682
0.16233	-1.203410
0.001054	-0.108271
0.32465	-1.203410
0.001054	0.091140
0.48698	-1.203410
0.001054	0.290550

0.001054	0.489961	84.000232	0.001054
ELEM	129	=====	LENGTH
3.706519			
LOAD	STEEL	-----	
REL DIST	P	V2	V3
T	M2	M3	
0.35073	0.572170	-8.999969	-0.382054
4.97E-05	-0.585864	14.800462	
0.51305	0.489872	-7.628378	-0.382054
4.97E-05	-0.356009	19.802517	
0.67537	0.407573	-6.256787	-0.382054
-4.97E-05	-0.126154	23.979382	
0.83768	0.325275	-4.885197	-0.382054
-4.97E-05	0.037027	27.331056	
1.00000	0.242970	-2.962679	-0.382054
-4.97E-05	0.333557	29.857541	

8.83768	3.325275	-4.885197	-0.382054
4.97E-05	0.103702	27.331056	
1.00000	0.242977	-3.513606	-0.382055
4.97E-05	0.333557	29.857541	
LOAD	CONC	-----	
REL DIST	P	M2	V3
T	M2	M3	
0.35073	2.868479	-47.044523	-0.860948
0.000353	1.20842	45.85573	
0.51305	2.868479	-47.044523	-0.860948
0.000353	-0.802970	74.160158	
0.67535	2.868479	-47.044523	-0.860948

-3.09E-05 0.308470 19.680124
0.67535 0.262747 -5.725460
-3.09E-05 0.308470 19.680124
0.83767 0.180444 -4.353658
-3.09E-05 -0.092526 26.570398
1.00000 0.098141 -2.981855
-3.09E-05 -0.293024 28.777369

LOAD CONC
REL DIST T M2 M3 V3
0.35070 2.297260 -42.215480 0.787767
-0.000120 1.240051 53.748682
0.51308 2.297260 -42.215480 0.787767
-0.000120 7.300304 79.150680
0.67535 2.297260 -42.215480 0.787767
-0.000120 0.256017 104.552678
0.83767 2.297260 -42.215480 0.787767
-0.000120 -0.218000 129.954675
1.00000 2.297260 -42.215480 0.787767
-0.000120 -0.692017 155.356673

ELEM 140 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.00000 -0.248736 3.800971 0.336771
-6.02E-05 0.296532 28.741742
0.16230 -0.331020 53.772330 0.336771
-6.02E-05 0.039669 26.943119
0.32461 -0.413319 65.43490 0.336771
-6.02E-05 -0.108593 22.519704
0.48691 -0.495610 7.917449 0.336771
-6.02E-05 -0.111156 17.17197
0.64921 -0.577901 9.286008 0.336771
-6.02E-05 -0.513718 12.998497

LOAD CONC
REL DIST T M2 M3 V3
0.00000 -2.252720 35.976615 0.796423
-0.000191 0.700610 155.398117 0.796423
0.16230 -2.252720 35.976615 0.796423
-0.000191 0.221573 133.758720 0.796423
0.32461 -2.252720 35.976615 0.796423
-0.000191 -0.257463 112.119324 0.796423
0.48691 -2.252720 35.976615 0.796423
-0.000191 -0.736500 90.479927 0.796423
0.64921 -2.252720 35.976615 0.796423
-0.000191 -1.215337 68.840530 0.796423
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ELEM 141 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.35078 0.477331 -8.691231 0.442827
-8.60E-06 0.676117 14.910381 0.442827
0.51308 0.395037 -7.319896 0.442827
-8.60E-06 0.409748 19.725874 0.442827
0.67539 0.312744 -5.948550 0.442827
-8.60E-06 0.147479 23.116484 0.442827
0.83769 0.230451 -4.577224 0.442827
-8.60E-06 -0.122990 36.882211 0.442827
1.00000 0.077901 2.265862 0.442827
-8.60E-06 -0.389359 29.220353

LOAD CONC
REL DIST T M2 M3 V3
0.35078 2.454843 -43.490074 1.037374
-3.94E-05 2.454843 -43.490074 1.037374
-3.94E-05 0.960688 76.927967 1.037374
0.67539 2.454843 -43.490074 1.037374
-3.94E-05 0.133688 103.089046 1.037374
0.83769 2.454843 -43.490074 1.037374
-3.94E-05 -0.287311 129.248126 1.037374
1.00000 2.454843 -43.490074 1.037374
-3.94E-05 -0.911311 155.408205

ELEM 142 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.00000 -0.281082 4.173201 0.446049
-0.000113 0.392762 29.228325 0.446049
0.16233 -0.36338 54.51107 0.446049
-0.000113 0.133644 23.976233 0.446049
0.32466 -0.445692 6.917014 0.446049
-0.000113 -0.144074 22.554592 0.446049
0.48699 -0.527997 8.289921 0.446049
-0.000113 -0.398452 15.743712 0.446049
0.64932 -0.610302 9.660828 0.446049
-0.000113 -0.680910 12.578583

LOAD CONC
REL DIST T M2 M3 V3
0.00000 -2.279015 35.812401 1.044826
-0.000384 0.919247 155.560351 1.044826
0.16233 -2.279015 35.812401 1.044826
-0.000384 0.290505 38.140978 1.044826
0.32466 -2.279015 35.812401 1.044826
-0.000384 -0.338238 112.459042 1.044826
0.48699 -2.279015 35.812401 1.044826
-0.000384 -0.966990 90.902969 1.044826
0.64932 -2.279015 35.812401 1.044826
-0.000384 -1.595723 69.357550

ELEM 143 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.35075 0.541216 -8.741951 0.400009
-4.13E-05 0.613106 13.108306 0.400009
0.51306 0.458920 25.04081 0.400009
-4.13E-05 0.372466 19.954804 0.400009
0.67538 0.37624 5.998971 0.400009
-4.13E-05 0.131827 23.976233 0.400009
0.83769 0.294321 -4.627482 0.400009
-4.13E-05 -0.108813 27.172593 0.400009
1.00000 0.212031 -3.255992 0.400009
-4.13E-05 -0.398452 29.543895 0.400009
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LOAD CONC
REL DIST T M2 M3 V3
0.35075 2.774377 -46.037832 0.911899
-0.000278 1.531075 107.51975 0.911899
0.51306 2.774377 -46.037832 0.911899
-0.000278 0.849852 73.226772 0.911899
0.67538 2.774377 -46.037832 0.911899
-0.000278 0.301267 100.922469

0.83769 2.774377 -46.037832 0.911899
-0.000278 -0.247318 128.618166 0.911899
1.00000 2.774377 -46.037832 0.911899
-0.000278 -0.795903 156.313863

ELEM 144 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.00000 -0.304428 4.554528 0.402566
-6.86E-05 0.352177 29.600119 0.402566
0.16234 -0.367174 59.448217 0.402566
-6.86E-05 0.109899 26.446168 0.402566
0.32467 -0.469045 7.298650 0.402566
-6.86E-05 0.132380 24.466462 0.402566
0.48701 -0.581353 16.970111 0.402566
-6.86E-05 -0.374658 17.661002 0.402566
0.64934 -0.633662 10.027772 0.402566
-6.86E-05 -0.616937 12.029788

LOAD CONC
REL DIST T M2 M3 V3
0.00000 -2.294747 36.449212 0.916928
-0.000120 0.801370 156.598113 0.916928
0.16234 -2.294747 36.449212 0.916928
-0.000120 0.249530 14.681702 0.916928
0.32467 -2.294747 36.449212 0.916928
-0.000120 0.302309 112.725291 0.916928
0.48701 -2.294747 36.449212 0.916928
-0.000120 -0.854149 90.788881 0.916928
0.64934 -2.294747 36.449212 0.916928
-0.000120 -1.405989 68.852470

ELEM 145 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.00000 0.654953 48.809653 0.211843
0.35072 0.621027 16.071390 0.211843
-0.000120 0.314287 21.199297 0.211843
0.51304 0.538797 6.699355 0.211843
-0.000120 0.186828 20.663350 0.211843
0.67539 0.450696 5.121534 0.211843
-0.000120 0.058369 24.281482 0.211843
0.83768 0.374196 -3.956005 0.211843
-0.000120 0.068090 27.074323 0.211843
1.00000 0.180606 147.890870 0.211843
-0.000120 -0.195548 29.041874

LOAD CONC
REL DIST T M2 M3 V3
0.35072 2.892413 -41.167577 0.444016
-0.000653 0.654953 48.809653 0.444016
0.51304 2.892413 -41.167577 0.444016
-0.000653 0.387703 73.578804 0.444016
0.67539 2.892413 -41.167577 0.444016
-0.000653 0.120554 38.347955 0.444016
0.83768 2.892413 -41.167577 0.444016
-0.000653 -0.146596 123.117106 0.444016
1.00000 2.892413 -41.167577 0.444016
-0.000653 0.413746 147.890870 0.444016
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ELEM 146 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.00000 -0.178301 4.383967 0.213150
-0.16230 -0.196825 29.119258 0.213150
0.16233 -0.260590 57.728215 0.213150
-0.000105 0.086831 26.070478 0.213150
0.32459 -0.342878 7.125942 0.213150
-0.000105 -0.050562 24.466462 0.213150
0.48699 -0.425167 8.497065 0.213150
-0.000105 -0.187756 17.999033 0.213150
0.64919 -0.507455 9.868187 0.213150
-0.000105 -0.315950 11.976369

LOAD CONC
REL DIST T M2 M3 V3
0.00000 -0.178301 4.383967 0.213150
-0.16230 -0.196825 29.119258 0.213150
0.16233 -0.260590 57.728215 0.213150
-0.000105 0.086831 26.070478 0.213150
0.32459 -0.342878 7.125942 0.213150
-0.000105 -0.050562 24.466462 0.213150
0.48699 -0.425167 8.497065 0.213150
-0.000105 -0.187756 17.999033 0.213150
0.64919 -0.507455 9.868187 0.213150
-0.000105 -0.315950 11.976369

ELEM 147 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.00000 -1.537016 30.233661 0.445306
-0.000860 0.415027 148.154745 0.445306
0.16230 -1.537016 30.233661 0.445306
-0.000860 0.147208 129.971455 0.445306
0.32459 -1.537016 30.233661 0.445306
-0.000860 0.120610 111.891866 0.445306
0.48699 -1.537016 30.233661 0.445306
-0.000860 -0.388428 93.604877 0.445306
0.64919 -1.537016 30.233661 0.445306
-0.000860 -0.656247 75.421588

ELEM 148 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.35076 0.782768 -8.596293 -0.045699
1.62E-06 -0.065423 15.692302 -0.045699
0.51307 0.700470 27.248507 -0.045699
1.62E-06 -0.037932 20.451027 -0.045699
0.67538 0.618175 -5.853165 -0.045699
1.62E-06 -0.010441 24.384739 -0.045699
0.83769 0.535880 -4.481964 -0.045699
1.62E-06 0.017050 27.483439 -0.045699
1.00000 0.453584 -29.755251 -0.045699
1.62E-06 0.044541 29.777126

LOAD CONC
REL DIST T M2 M3 V3
0.35076 2.823351 -33.645749 -0.184186
7.25E-06 -0.263741 56.732428 -0.184186
0.51307 2.823351 -33.645749 -0.184186
7.25E-06 -0.152941 76.972540 -0.184186
0.67538 2.823351 -33.645749 -0.184186
7.25E-06 -0.042142 97.126252 -0.184186
0.83769 2.823351 -33.645749 -0.184186
7.25E-06 0.068658 117.452764 -0.184186
1.00000 2.823351 -33.645749 -0.184186
7.25E-06 0.179457 137.692876 -0.184186

ELEM 148 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.00000 -0.199676 4.985626 -0.045940
6.21E-06 -0.044766 29.868469 -0.045940
0.16233 -0.211993 59.354749 -0.045940
6.21E-06 -0.017118 26.455151 -0.045940
0.32467 -0.364291 7.729688 -0.045940
6.21E-06 0.010530 22.216113 -0.045940
0.48700 -0.446599 9.107119 -0.045940
6.21E-06 0.038177 17.151358 -0.045940
0.64934 -0.528907 10.473750 -0.045940
6.21E-06 0.065825 11.260883 -0.045940
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LOAD CONC
REL DIST T M2 M3 V3
0.00000 -0.925744 22.023895 -0.184997
2.61E-05 -0.180203 137.944440 -0.184997
0.16233 -0.925744 22.023895 -0.184997
2.61E-05 -0.068688 124.689975 -0.184997
0.32467 -0.925744 22.023895 -0.184997
4.67E-05 -0.042468 22.023895 -0.184997
0.48700 -0.925744 22.023895 -0.184997
2.61E-05 0.153803 96.181044 -0.184997
0.64934 -0.925744 22.023895 -0.184997
2.61E-05 0.265138 84.926579

ELEM 149 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.35079 0.626646 -8.112405 -0.298333
-4.67E-05 -0.441464 16.136085 -0.298333
0.51309 0.544166 -6.741165 -0.298333
-4.67E-05 -0.262024 20.603114 -0.298333
0.67540 0.462064 -5.369931 -0.298333
-4.67E-05 -0.082583 24.245378 -0.298333
0.83770 0.378773 -3.998694 -0.298333
-4.67E-05 0.096857 27.062876 -0.298333
1.00000 0.297482 -6.267457 -0.298333
-4.67E-05 0.276297 29.055609

LOAD CONC
REL DIST T M2 M3 V3
0.35079 2.893813 -41.260567 -0.790153
-0.000639 -1.164242 48.622021 -0.790153
0.51309 2.893813 -41.260567 -0.790153
-0.000639 -0.282024 11.839233 -0.790153
0.67540 2.893813 -41.260567 -0.790153
-0.000639 -0.213727 98.256446 -0.790153
0.83770 2.893813 -41.260567 -0.790153
-0.000639 0.378773 123.073658 -0.790153
1.00000 2.893813 -41.260567 -0.790153
-0.000639 0.736788 147.890870

ELEM 150 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.00000 -0.149551 4.356362 -0.299314
-0.000120 -0.277339 19.142692 -0.299314
0.16233 -0.231855 5.728215 -0.299314
-0.000120 -0.097233 26.108491 -0.299314
0.32465 -0.314158 11.000397 -0.299314
0.000120 0.082874 22.248910 -0.299314
0.48698 -0.396461 8.471862 -0.299314
0.000120 0.262980 17.563861 -0.299314
0.64931 -0.478765 9.843685 -0.299314
0.000120 0.443087 12.053342

LOAD CONC
REL DIST T M2 M3 V3
0.00000 -1.442001 30.213970 -0.791305
0.000920 -0.738050 48.192073 -0.791305
0.16233 -0.231855 5.728215 -0.791305
0.000920 -0.261897 130.011382 -0.791305
0.32465 -1.442001 30.213970 -0.791305
0.000120 0.214256 11.839233 -0.791305
0.48698 -1.442001 30.213970 -0.791305
0.000920 0.690409 93.650000 -0.791305
0.64931 -1.442001 30.213970 -0.791305
0.000920 1.166562 115.469310 -0.791305
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L FORCES

ELEM 151 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.35074 0.560728 -8.783523 -0.479842
4.71E-05 0.734407 14.992210 -0.479842
0.51305 0.462430 29.338710 -0.479842
4.71E-05 -0.445725 19.863965 -0.479842
0.67537 0.396132 -6.040390 -0.479842
4.71E-05 0.157043 23.910560 -0.479842
0.83768 0.337658 -4.637658 -0.479842
4.71E-05 0.131639 27.131994 -0.479842
1.00000 0.231537 -3.297256 -0.479842
4.71E-05 0.420321 29.528267

LOAD CONC
REL DIST T M2 M3 V3
0.35074 2.823465 -46.128767 -1.225124
0.000298 -1.874456 45.180115 -1.225124
0.51305 2.823465 -46.128767 -1.225124
0.000298 0.137397 72.932065 -1.225124
0.67537 2.823465 -46.128767 -1.225124
0.000298 -0.400339 100.684015 -1.225124
0.83768 2.823465 -46.128767 -1.225124
0.000298 0.336720 128.435965 -1.225124
1.00000 2.823465 -46.128767 -1.225124
0.000298 1.073778 156.187915

ELEM 152 ===== LENGTH
LOAD STEEL
REL DIST T M2 M3 V3
0.00000 -0.285174 4.505140 -0.483416
8.54E-05 -0.423870 29.578258 -0.483416
0.16232 -0.367472 5.876706 -0.483416
8.54E-05 -0.133038 26.455300 -0.483416
0.32465 -0.449770 7.249273 -0.483416
8.54E-05 0.157194 22.507180 -0.483416
0.48695 -0.532068 8.618399 -0.483416
8.54E-05 0.448626 17.733900 -0.483416
0.64926 0.614366 9.891406 -0.483416
8.54E-05 0.739458 12.135459

LOAD CONC
REL DIST T M2 M3 V3
0.00000 -2.244713 36.352505 -1.233097
0.000183 -1.081646 133.737361 -1.233097
0.16232 -2.244713 36.352505 -1.233097
0.000183 -0.339791 134.571242 -1.233097
0.32465 -2.244713 36.352505

9.85E-06	-0.381090	79.246064		
0.675366	2.258880	-41.919171	-0.413587	
9.85E-06	-0.122433	104.480447		
0.83768	2.258880	-41.919171	-0.413587	
9.85E-06	0.116605	129.690300		
1.00000	2.258880	-41.919171	-0.413587	
9.85E-06	0.365452	154.912013		
ELEM 158 ===== LENGTH				
3.706719				
LOAD STEEL				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.218433	3.720749	-0.165371	
4.55E-05	-0.146303	28.583055		
0.16232	-0.300794	5.092455	-0.165371	
4.55E-05	-0.046803	25.931692		
0.32464	-0.383035	6.464160	-0.165371	
4.55E-05	0.052698	22.455001		
0.48696	-0.465336	7.835866	-0.165371	
4.55E-05	0.152198	18.125982		
0.64929	-0.547637	9.207571	-0.165371	
4.55E-05	0.251699	13.025636		
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FRAME ELEMENT INTERNAL FORCES

LOAD CONC				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-2.171925	35.999149	-0.416944	
0.000139	-0.368763	154.891111		
0.16232	-2.171925	35.999149	-0.416944	
0.000139	-0.117896	133.99149		
0.32464	-2.171925	35.999149	-0.416944	
0.000139	0.132971	111.539188		
0.48696	-2.171925	35.999149	-0.416944	
0.000139	0.383637	89.879226		
0.64929	-2.171925	35.999149	-0.416944	
0.000139	0.634704	68.9921925		

ELEM 159 ===== LENGTH

3.706656

LOAD STEEL

REL DIST	P	V2	V3	
T	M2	M3		
0.35072	0.423641	-8.550275	0.113281	
1.58E-06	0.172574	14.670321		
0.51304	0.341340	-7.178606	0.113281	
1.58E-06	0.104416	19.402072		
0.67536	0.259040	-8.806937	0.113281	
1.58E-06	0.036259	25.308539		
0.83768	0.176740	-4.435267	0.113281	
1.58E-06	-0.031898	26.389722		
1.00000	0.094040	0.063938	0.113281	
1.58E-06	-0.100055	28.645621		

LOAD CONC

REL DIST	P	V2	V3	
T	M2	M3		
0.35072	2.260617	-41.915053	0.301438	
1.58E-06	0.459328	54.021487		
0.51304	2.260617	-41.915053	0.301438	
1.58E-06	0.277963	79.240267		
0.67536	2.260617	-41.915053	0.301438	
1.58E-06	0.096599	104.490448		
0.83768	2.260617	-41.915053	0.301438	
1.58E-06	-0.084765	129.677828		
1.00000	2.260617	-41.915053	0.301438	
1.58E-06	-0.266130	154.896069		

ELEM 160 ===== LENGTH

3.706656

LOAD STEEL

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.216155	3.724058	0.114301	
-3.46E-05	0.101086	28.574463		
0.16232	-0.216155	3.724058	0.114301	
-3.46E-05	0.032315	25.321189		
0.32464	-0.380755	6.467397	0.114301	
3.46E-05	-0.036456	22.442630		
0.48696	-0.463042	7.839463	0.114301	
-3.46E-05	-0.105227	18.138788		
0.64928	-0.545356	9.210736	0.114301	
-3.46E-05	-0.173998	13.009662		

LOAD CONC

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-2.166389	36.007164	0.304147	
-0.000114	0.268866	154.839400		
0.16232	-2.166389	36.007164	0.304147	
-0.000114	0.038772	43.175184		
0.32464	-2.166389	36.007164	0.304147	
-0.000114	-0.097122	111.510969		
0.48696	-2.166389	36.007164	0.304147	
-0.000114	0.240429	41.981659		
0.64928	-2.166389	36.007164	0.304147	
-0.000114	-0.463110	68.182537		
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FRAME ELEMENT INTERNAL FORCES

LOAD CONC				
REL DIST	P	V2	V3	
T	M2	M3		
0.35072	0.434070	-8.407724	0.360054	
-4.11E-05	0.549766	14.967292		
0.51304	0.351769	-7.036041	0.360054	
-4.11E-05	0.333132	19.613318		
0.67536	0.269469	-5.664353	0.360054	
-4.11E-05	0.116498	23.434044		
0.83768	0.187186	-4.292675	0.360054	
-4.11E-05	-0.101136	26.429468		
1.00000	0.104889	-2.320991	0.360054	
-4.11E-05	-0.316770	28.599592		

LOAD CONC

REL DIST	P	V2	V3	
T	M2	M3		
0.35072	2.304829	-41.981659	0.932832	
-0.000156	1.424629	53.511788		
0.51304	2.304829	-41.981659	0.932832	
-0.000156	0.863372	78.708989		
0.67536	2.304829	-41.981659	0.932832	
-0.000156	0.302115	104.030008		
0.83768	2.304829	-41.981659	0.932832	
-0.000156	-0.259142	129.289117		
1.00000	2.304829	-41.981659	0.932832	
-0.000156	-0.820399	154.848227		

ELEM 162 ===== LENGTH

3.706684

LOAD STEEL

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.222458	3.721380	0.363115	
-6.29E-05	0.319839	28.548295		
0.16232	-0.304759	5.093065	0.363115	

-6.29E-05	0.101363	25.896596		
0.32464	-0.387059	6.464751	0.363115	
-6.29E-05	-0.117113	22.413065		
0.48696	-0.469360	7.836436	0.363115	
-6.29E-05	-0.335589	18.117289		
0.64928	-0.551660	9.208122	0.363115	
-6.29E-05	-0.554065	12.996880		
LOAD CONC				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-2.179719	35.768675	0.940555	
0.000208	0.828135	154.545177		
0.16232	-2.179719	35.768675	0.940555	
0.000208	0.262230	133.024199		
0.32464	-2.179719	35.768675	0.940555	
0.000208	-0.303675	111.503222		
0.48696	-2.179719	35.768675	0.940555	
0.000208	-0.869580	78.896244		
0.64928	-2.179719	35.768675	0.940555	
0.000208	-1.435484	68.461267		

ELEM 163 ===== LENGTH

3.705803

LOAD STEEL

REL DIST	P	V2	V3	
T	M2	M3		
0.35080	0.491680	-8.781492	0.497202	
-9.33E-06	0.758359	14.731212		
0.51310	0.409390	-7.410311	0.497202	
-4.52E-05	0.459017	19.600497		
0.67540	0.327100	-6.039131	0.497202	
-9.33E-06	0.160275	23.645085		
0.83770	0.244810	-4.667950	0.497202	
-9.33E-06	-0.138768	26.864976		
1.00000	0.162520	-3.296769	0.497202	
-9.33E-06	-0.437810	29.260169		
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FRAME ELEMENT INTERNAL FORCES

LOAD CONC				
REL DIST	P	V2	V3	
T	M2	M3		
0.35080	2.493941	-43.713535	1.274658	
-4.52E-05	1.944166	50.185967		
0.51310	2.493941	-43.713535	1.274658	
-4.52E-05	1.177522	76.477503		
0.67540	2.493941	-43.713535	1.274658	
-4.52E-05	0.410878	102.769038		
0.83770	2.493941	-43.713535	1.274658	
-4.52E-05	-0.357655	129.060574		
1.00000	2.493941	-43.713535	1.274658	
-4.52E-05	-1.122409	155.352110		

ELEM 164 ===== LENGTH

3.706801

LOAD STEEL

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.267106	4.241548	0.500713	
0.000133	0.441485	29.253935		
0.16232	-0.349408	5.613300	0.500713	
-0.000133	0.140206	29.981103		
0.32465	-0.431710	6.385055	0.500713	
-0.000133	0.161074	22.493887		
0.48697	-0.514012	8.356580	0.500713	
-0.000133	-0.462353	17.883287		
0.64929	-0.596313	9.725579	0.500713	
-0.000133	-0.763632	12.442304		

LOAD CONC

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-2.238970	36.046899	1.283133	
-0.000457	1.131285	155.472428		
0.16232	-2.238970	36.046899	1.283133	
-0.000457	0.359224	133.780820		
0.32465	-2.238970	36.046899	1.283133	
-0.000457	-0.412837	112.091393		
0.48697	-2.238970	36.046899	1.283133	
-0.000457	-1.184899	90.401965		
0.64929	-2.238970	36.046899	1.283133	
-0.000457	-1.956960	68.712538		

ELEM 165 ===== LENGTH

3.707005

LOAD STEEL

REL DIST	P	V2	V3	
T	M2	M3		
0.35069	0.519420	-8.762034	0.478016	
-4.98E-05	0.731747	14.957667		
0.51302	0.437116	-7.390165	0.478016	
-4.98E-05	0.412837	22.493887		
0.67534	0.354812	-6.018296	0.478016	
-4.98E-05	0.156453	23.851748		
0.83765	0.272507	-4.646427	0.478016	
-4.98E-05	-0.131194	27.055033		
1.00000	0.190203	-3.274558	0.478016	
-4.98E-05	-0.418840	29.443735		

LOAD CONC

T	M2	M3	
0.35069	2.720493	-46.063779	1.216558
-0.000305	1.861776	45.112171	
0.51302	2.720493	-46.063779	1.216558
-0.000305	1.129711	72.831106	
0.67534	2.7	100.55041	1.216558
-0.000305	0.397646	100.55041	
0.83767	2.720493	-46.063779	1.216558
-0.000305	-0.334419	128.268975	
1.00000	2.720493	-46.063779	1.216558
-0.000305	-1.066484	155.987910	

L F O R C E S

ELEM 176 ===== LENGTH
= 3.706047LOAD STEEL -----
REL DIST T P M2 M3 V3
0.00000 -0.273130 4.142929 -0.365868
9.15E-05 -0.251575 29.205748
0.16231 -0.355422 5.514250 -0.365868
9.15E-05 -0.101501 26.301295
0.32461 -0.437717 6.885571 -0.365868
9.15E-05 -0.294773 12.637255
0.48692 -0.520008 8.256890 -0.365868
9.15E-05 -0.338646 18.017794
0.64922 -0.602301 9.628211 -0.365868
9.15E-05 -0.558720 12.638745LOAD CONC -----
REL DIST T P M2 M3 V3
0.00000 -2.257657 35.773267 -0.876475
0.000340 -0.769644 155.500031 -0.876475
0.16231 -2.27657 35.773267 -0.876475
0.000340 -0.242434 133.981993 -0.876475
0.32461 -2.257657 35.773267 -0.876475
0.000340 -0.294777 12.637255 -0.876475
0.48692 -2.257657 35.773267 -0.876475
0.000340 0.811997 90.945918 -0.876475
0.64922 -2.257657 35.773267 -0.876475
0.000340 1.339197 69.427880ELEM 177 ===== LENGTH
= 3.706777LOAD STEEL -----
REL DIST T P M2 M3 V3
0.35071 0.442321 -8.460593 -0.263032
2.31E-05 -0.402071 14.979242 -0.263032
0.51303 0.360019 7.088854 -0.263032
2.31E-05 -0.243806 19.657249 -0.263032
0.67535 0.277718 -5.717116 -0.263032
2.31E-05 -0.085542 23.509888 -0.263032
0.83768 0.195416 -4.345377 -0.263032
2.31E-05 -0.072723 26.537161 -0.263032
1.00000 0.113115 -2.973639 -0.263032
2.31E-05 0.230988 28.739066LOAD CONC -----
REL DIST T P M2 M3 V3
0.35071 2.328285 -42.128679 -0.635213
0.000106 -0.971778 53.809767 -0.635213
0.51303 2.328285 -42.128679 -0.635213
0.000106 -0.589575 79.158353 -0.635213
0.67535 2.328285 -42.128679 -0.635213
0.000106 -0.207371 104.506938 -0.635213
0.83768 2.328285 -42.128679 -0.635213
0.000106 0.174833 129.855524 -0.635213
1.00000 2.328285 -42.128679 -0.635213
0.000106 0.557037 155.204110ELEM 178 ===== LENGTH
= 3.706736LOAD STEEL -----
REL DIST T P M2 M3 V3
0.00000 -0.237297 3.775830 -0.265097
3.56E-05 -0.233019 7.707100 -0.265097
0.16232 -0.156625 5.075455 -0.265097
3.56E-05 -0.073514 26.022623 -0.265097
0.32464 -0.401899 6.519260 -0.265097
3.56E-05 0.085991 22.512758 -0.265097
0.48697 -0.484200 7.880978 -0.265097
3.56E-05 0.245496 18.177553 -0.265097
0.64929 -0.566502 9.262691 -0.265097
3.56E-05 0.155001 13.017009

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LOAD CONC -----
REL DIST T P M2 M3 V3
0.00000 -2.222623 35.929967 -0.640235
0.000131 -0.204118 28.755736 -0.640235
0.16232 -2.222623 35.929967 -0.640235
0.000131 -0.176801 133.637247 -0.640235
0.32464 -2.222623 35.929967 -0.640235
0.000131 -0.204118 28.755736 -0.640235
0.48697 -2.222623 35.929967 -0.640235
0.000131 0.593638 90.400269 -0.640235
0.64929 -2.222623 35.929967 -0.640235
0.000131 0.975857 66.781780ELEM 179 ===== LENGTH
= 3.706562LOAD STEEL -----
REL DIST T P M2 M3 V3
0.00000 -2.222623 35.929967 -0.640235
0.000131 -0.204118 28.755736 -0.640235
0.16232 -2.222623 35.929967 -0.640235
0.000131 -0.176801 133.637247 -0.640235
0.32464 -2.222623 35.929967 -0.640235
0.000131 -0.204118 28.755736 -0.640235
0.48697 -2.222623 35.929967 -0.640235
0.000131 0.593638 90.400269 -0.640235
0.64929 -2.222623 35.929967 -0.640235
0.000131 0.975857 66.781780ELEM 180 ===== LENGTH
= 3.707133LOAD STEEL -----
REL DIST T P M2 M3 V3
0.35073 0.435131 -8.532858 -0.072141
-1.13E-05 -0.109691 14.833887 -0.072141
0.51305 0.352633 -7.161243 -0.072141
-1.13E-05 -0.062888 19.554990 -0.072141
0.67536 0.270533 -5.789627 -0.072141
-1.13E-05 -0.022885 23.450874 -0.072141
0.83768 0.168234 -4.418012 -0.072141
-1.13E-05 0.130518 26.521538 -0.072141
1.00000 0.105935 -3.046397 -0.072141
-1.13E-05 0.063921 28.766983LOAD CONC -----
REL DIST T P M2 M3 V3
0.35073 2.293170 -41.855844 -0.164520
-2.16E-05 -0.250384 54.894057 -0.164520
0.51305 2.293170 -41.855844 -0.164520
-2.16E-05 -0.151402 80.076225 -0.164520
0.67536 2.293170 -41.855844 -0.164520
-2.16E-05 -0.055240 105.258394 -0.164520
0.83768 2.293170 -41.855844 -0.164520
-2.16E-05 0.165651 130.440462 -0.164520
1.00000 2.293170 -41.855844 -0.164520
-2.16E-05 0.145543 155.622730ELEM 181 ===== LENGTH
= 3.706485LOAD STEEL -----
REL DIST T P M2 M3 V3
0.35074 0.433545 -8.533666 0.134334
-9.15E-06 0.205496 14.900722 0.134334
0.51305 0.351247 7.162098 0.134334
-9.15E-06 0.124678 19.622174 0.134334
0.67537 0.268949 5.790524 0.134334
-9.15E-06 0.043860 23.518459 0.134334
0.83768 0.168656 4.418395 0.134334
-9.15E-06 -0.036958 26.589578 0.134334
1.00000 0.104352 3.047381 0.134334
-9.15E-06 -0.117776 28.835530ELEM 182 ===== LENGTH
= 3.706434LOAD STEEL -----
REL DIST T P M2 M3 V3
0.35074 0.433545 -8.533666 0.134334
-9.15E-06 0.205496 14.900722 0.134334
0.51305 0.351247 7.162098 0.134334
-9.15E-06 0.124678 19.622174 0.134334
0.67537 0.268949 5.790524 0.134334
-9.15E-06 0.043860 23.518459 0.134334
0.83768 0.168656 4.418395 0.134334
-9.15E-06 -0.036958 26.589578 0.134334
1.00000 0.104352 3.047381 0.134334
-9.15E-06 -0.117776 28.8355306.25E-05 -0.046883 133.910297
0.32468 -2.200309 36.097016 -0.165402
6.25E-05 0.052669 112.184287
0.48702 -2.200309 36.097016 -0.165402
6.25E-05 0.152220 30.458276
0.64936 -2.200309 36.097016 -0.165402
6.25E-05 0.251772 68.702285

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ELEM 181 ===== LENGTH
= 3.706485LOAD STEEL -----
REL DIST T P M2 M3 V3
0.35074 0.433545 -8.533666 0.134334
-9.15E-06 0.205496 14.900722 0.134334
0.51305 0.351247 7.162098 0.134334
-9.15E-06 0.124678 19.622174 0.134334
0.67537 0.268949 5.790524 0.134334
-9.15E-06 0.043860 23.518459 0.134334
0.83768 0.168656 4.418395 0.134334
-9.15E-06 -0.036958 26.589578 0.134334
1.00000 0.104352 3.047381 0.134334
-9.15E-06 -0.117776 28.835530ELEM 182 ===== LENGTH
= 3.706434LOAD STEEL -----
REL DIST T P M2 M3 V3
0.35074 0.433545 -8.533666 0.134334
-9.15E-06 0.205496 14.900722 0.134334
0.51305 0.351247 7.162098 0.134334
-9.15E-06 0.124678 19.622174 0.134334
0.67537 0.268949 5.790524 0.134334
-9.15E-06 0.043860 23.518459 0.134334
0.83768 0.168656 4.418395 0.134334
-9.15E-06 -0.036958 26.589578 0.134334
1.00000 0.104352 3.047381 0.134334
-9.15E-06 -0.117776 28.835530ELEM 183 ===== LENGTH
= 3.707446LOAD STEEL -----
REL DIST T P M2 M3 V3
0.00000 -2.223013 36.060841 0.349923
0.000133 0.307047 15.000968 0.349923
0.16231 -2.223013 36.060841 0.349923
0.000133 0.096531 134.336459 0.349923
0.32463 -2.23013 36.060841 0.349923
0.000133 -0.113896 112.641950 0.349923
0.48694 -2.223013 36.060841 0.349923
0.000133 -0.324503 90.947442 0.349923
0.64926 -2.23013 36.060841 0.349923
0.000133 -0.535020 69.252933ELEM 184 ===== LENGTH
= 3.706562LOAD STEEL -----
REL DIST T P M2 M3 V3
0.00000 -2.223013 36.060841 0.349923
0.000133 0.307047 15.000968 0.349923
0.16231 -2.223013 36.060841 0.349923
0.000133 0.096531 134.336459 0.349923
0.32463 -2.23013 36.060841 0.349923
0.000133 -0.113896 112.641950 0.349923
0.48694 -2.223013 36.060841 0.349923
0.000133 -0.324503 90.947442 0.349923
0.64926 -2.23013 36.060841 0.349923
0.000133 -0.535020 69.252933ELEM 185 ===== LENGTH
= 3.706563LOAD STEEL -----
REL DIST T P M2 M3 V3
0.00000 -2.223013 36.060841 0.349923
0.000133 0.307047 15.000968 0.349923
0.16231 -2.223013 36.060841 0.349923
0.000133 0.096531 134.336459 0.349923
0.32463 -2.23013 36.060841 0.349923
0.000133 -0.113896 112.641950 0.349923
0.48694 -2.223013 36.060841 0.349923
0.000133 -0.324503 90.947442 0.349923
0.64926 -2.23013 36.060841 0.349923
0.000133 -0.535020 69.252933ELEM 186 ===== LENGTH
= 3.707498LOAD STEEL -----
REL DIST T P M2 M3 V3
0.00000 -0.302468 14.248881 0.318414
-9.54E-05 0.278605 29.525958 0.318414
0.51304 0.207397 135.895662 0.318414
-9.54E-05 0.086960 26.630365 0.318414
0.32468 -0.467089 6.869184 0.318414
-9.54E-05 0.104686 22.908099 0.318414
-4.41E-05 0.540334 82.414334 0.318414
-9.54E-05 -0.296332 18.361590 0.318414
0.64936 -0.631709 9.913487 0.318414
-9.54E-05 -0.487977 12.684807ELEM 187 ===== LENGTH
= 3.706708LOAD STEEL -----
REL DIST T P M2 M3 V3
0.00000 -2.331759 35.588191 0.763225
-0.000354 0.666763 157.315292 0.763225
0.16234 -2.331759 35.588191 0.763225
-0.000354 0.207397 135.895662 0.763225
0.32468 -2.331759 35.588191 0.763225
-0.000354 -0.251969 114.476033 0.763225
0.48702 -2.331759 35.588191 0.763225
0.000354 0.181751 20.050435 0.763225
0.64936 -0.462996 6.215773 0.763225
-0.000354 0.144088 16.824842 0.763225
0.83768 0.380501 -4.844074 0.763225
-0.000354 -0.049420 27.530210 0.763225
1.00000 0.298280 -3.433737 0.763225
-4.41E-05 -0.165006 30.032118ELEM 188 ===== LENGTH
= 3.706708LOAD STEEL -----
REL DIST T P M2 M3 V3
0.35072 0.627403 -8.959121 0.192106
-4.41E-05 0.207397 135.895662 0.192106
0.51304 0.545102 -7.587472 0.192106
-4.41E-05 0.181751 20.050435 0.192106
0.67536 0.462996 6.215773 0.192106
-4.41E-05 0.144088 16.824842 0.192106
0.83768 0.380501 -4.844074 0.192106
-4.41E-05 -0.049420 27.530210 0.192106
1.00000 0.298280 -3.433737 0.192106
-4.41E-05 -0.165006 30.032118ELEM 189 ===== LENGTH
= 3.705945LOAD STEEL -----
REL DIST T P M2 M3 V3
0.35072 0.627403 -8.959121 0.192106
-4.41E-05 0.207397 135.895662 0.192106
0.51304 0.545102 -7.587472 0.192106
-4.41E-05 0.181751 20.050435 0.192106
0.67536 0.462996 6.215773 0.192106
-4.41E-05 0.144088 16.824842 0.192106
0.83768 0.380501 -4.844074 0.192106
-4.41E-05 -0.049420 27.530210 0.192106
1.00000 0.298280 -3.433737 0.192106
-4.41E-05 -0.165006 30.032118-3.08E-06 0.294412 19.901843
0.67536 0.321082 -5.998238 0.316152
-3.08E-06 0.104202 23.923238
0.83768 0.238763 -4.626622 0.316152
-3.08E-06 -0.086008 27.119412
1.00000 0.156484 -3.255006 0.316152
-3.08E-06 -0.276218 29.490366LOAD CONC -----
REL DIST T P M2 M3 V3
2.473345 -43.606740 0.758665
-2.48E-05 1.163785 52.142261 0.758665
2.473345 -43.606740 0.758665
-2.48E-05 0.707341 78.377852 0.758665
0.67536 2.473345 -43.606740 0.758665
-2.48E-05 0.250998 104.613443 0.758665
0.83768 2.473345 -43.606740 0.758665
-2.48E-05 0.205546 130.849035 0.758665
1.00000 2.473345 -43.606740 0.758665
-2.48E-05 0.661990 157.084626 0.758665

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ELEM 186 ===== LENGTH
= 3.707498LOAD STEEL -----
REL DIST T P M2 M3 V3
0.00000 -0.302468 14.248881 0.318414
-9.54E-05 0.278605 29.525958 0.318414
0.51304 0.207397 135.895662 0.318414
-9.54E-05 0.086960 26.630365 0.318414
0.32468 -0.467089 6.869184 0.318414
-9.54E-05 0.104686 22.908099 0.318414
-4.41E-05 0.540334 82.414334 0.318414
-9.54E-05 -0.296332 18.361590 0.318414
0.64936 -0.631709 9.913487 0.318414
-9.54E-05 -0.487977 12.684807ELEM 187 ===== LENGTH
= 3.706708LOAD STEEL -----
REL DIST T P M2 M3 V3
0.00000 -2.331759 35.588191 0.763225
-0.000354 0.666763 157.315292 0.763225
0.16234 -2.331759 35.588191 0.763225
-0.000354 0.207397 135.895662 0.763225
0.32468 -2.331759 35.588191 0.763225
-0.000354 -0.251969 114.476033 0.763225
0.48702 -2.331759 35.588191 0.763225
0.000354 0.181751 20.050435 0.763225
0.64936 -0.462996 6.215773 0.763225
-0.000354 0.144088 16.824842 0.763225
0.83768 0.380501 -4.844074 0.763225
-0.000354 -0.049420 27.530210 0.763225
1.00000 0.298280 -3.433737 0.763225
-4.41E-05 -0.165006 30.032118ELEM 188 ===== LENGTH
= 3.706708LOAD STEEL -----
REL DIST T P M2 M3 V3
0.35072 0.627403 -8.959121 0.192106
-4.41E-05 0.207397 135.895662 0.192106
0.51304 0.545102 -7.587472 0.192106
-4.41E-05 0.181751 20.050435 0.192106
0.67536 0.462996 6.215773 0.192106
-4.41E-05 0.144088 16.824842 0.192106
0.83768 0.380501 -4.844074 0.192106
-4.41E-05 -0.049420 27.530210 0.192106
1.00000 0.298280 -3.433737 0.192106
-4.41E-05 -0.165006 30.032118ELEM 189 ===== LENGTH
= 3.705945LOAD STEEL -----
REL DIST T P M2 M3 V3
0.35072 0.627403 -8.959121 0.192106
-4.41E-05 0.207397 135.895662 0.192106
0.51304 0.545102 -7.587472 0

0.48693 -0.308461 9.593879 -0.791195
0.000152 -0.730599 17.202999 -0.791195
0.64924 -0.390756 10.965377 -0.791195
0.000152 1.206657 11.019109

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.00000 -1.509409 37.328502 -2.058305
0.000304 -1.181484 161.214275 -2.058305
0.16231 -1.509409 37.328502 -2.058305
0.000304 -0.576732 138.758611 -2.058305
0.32462 -1.509409 37.328502 -2.058305
0.000304 0.661880 116.361828 -2.058305
0.48693 -1.509409 37.328502 -2.058305
0.000304 1.899693 93.847284 -2.058305
0.64924 -1.509409 37.328502 -2.058305
0.000304 3.137905 71.391620 -2.058305

ELEM 195 ===== LENGTH
3.705836
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.35080 0.581324 -8.567973 -1.000992
5.98E-05 -1.523702 15.813524 -1.000992
0.51310 0.489593 -7.196770 -1.000992
5.98E-05 -0.321647 20.54449 -1.000992
0.67540 0.416743 -8.525573 -1.000992
5.98E-05 -0.319591 24.470653 -1.000992
0.63770 0.334459 -4.454973 -1.000992
5.98E-05 0.282464 27.562136 -1.000992
1.00000 0.252163 -3.083173 -1.000992
5.98E-05 0.884520 29.828899 -1.000992

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.35080 2.784562 -44.294457 -2.591775
0.000199 -3.944696 50.767357 -2.591775
0.51310 2.784562 -44.294457 -2.591775
0.000199 -2.360552 57.088722 -2.591775
0.67540 2.784562 -44.294457 -2.591775
0.000199 -0.827003 104.049967 -2.591775
0.63770 2.784562 -44.294457 -2.591775
0.000199 0.000199 130.691972 -2.591775
1.00000 2.784562 -44.294457 -2.591775
0.000199 2.290691 157.332577 -2.591775
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ELEM 196 ===== LENGTH
3.706831
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.00000 -0.247910 4.658150 -1.007504
0.000249 -0.891453 29.878689 -1.007504
0.16232 -0.330212 6.029919 -1.007504
0.000249 -0.285230 26.663342 -1.007504
0.32465 -0.123542 7.288974 -1.007504
0.000249 0.320993 22.622391 -1.007504
0.48697 -0.494816 8.734558 -1.007504
0.000249 0.927216 17.566535 -1.007504
0.64930 -0.574732 10.145293 -1.007504
0.000249 1.533439 12.064275 -1.007504

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.00000 -2.118302 35.857979 -2.608856
0.000779 -2.309102 157.591246 -2.608856
0.16232 -2.118302 35.857979 -2.608856
0.000779 -0.739334 136.015221 -2.608856
0.32465 -2.118302 35.857979 -2.608856
0.000779 0.830435 114.491186 -2.608856
0.48697 -2.118302 35.857979 -2.608856
0.000779 -2.400204 92.863171 -2.608856
0.64930 -2.118302 92.863171 -2.608856
0.000779 3.969373 71.267146 -2.608856

ELEM 197 ===== LENGTH
3.706490
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.35074 0.459448 -8.660465 -0.987267
8.56E-05 -1.503325 14.989899 -0.987267
0.51305 0.489593 -7.196770 -0.987267
8.56E-05 -0.909363 19.786715 -0.987267
0.67537 0.294852 -5.917316 -0.987267
8.56E-05 -0.315402 23.759291 -0.987267
0.63768 0.32465 23.759291 -0.987267
8.56E-05 0.278560 26.906697 -0.987267
1.00000 0.130256 -3.174168 -0.987267
8.56E-05 0.872522 29.228933 -0.987267

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.35074 2.394476 -43.363300 -2.562130
0.000315 -3.901473 51.799383 -2.562130
0.51305 2.394476 -43.363300 -2.562130
0.000315 -2.360552 57.088722 -2.562130
0.67537 2.394476 -43.363300 -2.562130
0.000315 -0.818603 103.960602 -2.562130
0.63768 2.394476 103.960602 -2.562130
0.000315 0.000315 130.691972 -2.562130
1.00000 2.394476 -43.363300 -2.562130
0.000315 2.264268 156.142742 -2.562130

ELEM 198 ===== LENGTH
3.706401
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.00000 -0.261119 4.079263 -0.996599
0.000234 -0.882002 29.205727 -0.996599
0.16231 -0.343416 5.450766 -0.996599
0.000234 -0.282448 26.339087 -0.996599
0.32463 -0.425713 7.288974 -0.996599
0.000234 0.317106 22.647338 -0.996599
0.48694 -0.508010 8.193833 -0.996599
0.000234 0.916660 18.130481 -0.996599
0.64926 -0.565559 10.145293 -0.996599
0.000234 1.516214 12.788514 -0.996599
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FRAME ELEMENT INTERNA
L FORCES

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.00000 -2.262122 36.080531 -2.587527
0.000669 -2.290348 156.211855 -2.587527
0.16231 -2.262072 36.080531 -2.587527
0.000669 -0.733691 134.505798 -2.587527
0.32463 -2.262072 36.080531 -2.587527
0.000669 0.822966 112.799741 -2.587527
0.48694 -2.262072 36.080531 -2.587527
0.000669 2.379623 91.093584 -2.587527
0.64926 -2.262072 36.080531 -2.587527

0.000669 3.936280 69.387627
ELEM 199 ===== LENGTH
3.706154

LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.35077 0.411316 -8.184243 -0.764227
0.51303 0.489593 -7.196770 -0.764227
0.51308 0.329022 -7.147042 -0.764227
6.72E-05 -0.703341 19.421750 -0.764227
0.67538 0.246728 -5.775660 -0.764227
0.000235 -0.246728 -5.775660 -0.764227
0.63769 0.164434 -4.404279 -0.764227
6.72E-05 0.216084 26.370313 -0.764227
1.00000 0.082140 -3.032897 -0.764227
6.72E-05 0.675796 28.607187 -0.764227

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.35077 2.240217 -42.127375 -1.994236
0.000235 -3.035234 52.602234 -1.994236
0.51303 2.240217 -42.127375 -1.994236
0.000235 -1.835624 77.943467 -1.994236
6.75E-05 2.240217 -42.127375 -1.994236
0.000235 6.58015 103.284700 -1.994236
0.63769 2.240217 -42.127375 -1.994236
0.000235 0.563595 128.625933 -1.994236
1.00000 2.240217 -42.127375 -1.994236
0.000235 1.763205 153.967165 -1.994236

ELEM 200 ===== LENGTH
3.707147
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.00000 -0.211346 3.694787 -0.770833
0.000197 -0.682892 28.225577 -0.770833
0.16233 -0.293652 5.066738 -0.770833
0.000197 -0.219151 25.867172 -0.770833
0.32466 -0.375958 6.438689 -0.770833
0.000197 0.244862 22.424365 -0.770833
0.48699 -0.458264 7.810639 -0.770833
0.000197 0.708739 19.138656 -0.770833
0.64933 -0.540570 9.182590 -0.770833
0.000197 1.172616 13.023686 -0.770833

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.00000 -2.148106 35.707019 -2.013212
0.000554 -1.783821 153.876712 -2.013212
0.16233 -2.148106 35.707019 -2.013212
0.000554 -0.572296 132.388698 -2.013212
0.32466 -2.148106 35.707019 -2.013212
0.000554 0.639229 110.900685 -2.013212
0.48699 -2.148106 35.707019 -2.013212
0.000554 1.650753 99.412672 -2.013212
0.64933 -2.148106 35.707019 -2.013212
0.000554 3.062278 67.924658 -2.013212
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FRAME ELEMENT INTERNA
L FORCES

ELEM 201 ===== LENGTH
3.706899
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.35070 0.416927 -8.474303 -0.384448
4.60E-05 -0.585622 14.640434 -0.384448
0.51302 0.334624 -7.103155 -0.384448
4.60E-05 -0.354290 19.327303 -0.384448
0.67531 0.252321 -5.731347 -0.384448
4.60E-05 -0.123582 23.188721 -0.384448
0.83767 0.170018 -4.359539 -0.384448
4.60E-05 0.108374 26.224688 -0.384448
1.00000 0.070000 26.224688 -0.384448
4.60E-05 0.339706 28.435205 -0.384448

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.35070 2.258716 -41.692961 -1.018199
0.000161 -1.551724 52.913915 -1.018199
0.51302 2.258716 -41.692961 -1.018199
0.000161 -0.938598 77.401597 -1.018199
6.753E-05 2.258716 -41.692961 -1.018199
0.000161 -0.325923 102.489279 -1.018199
0.83767 2.258716 -41.692961 -1.018199
0.000161 0.286753 127.576961 -1.018199
1.00000 2.258716 -41.692961 -1.018199
0.000161 0.899428 152.664643 -1.018199

ELEM 202 ===== LENGTH
3.706899
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.35070 2.258716 -41.692961 -1.018199
0.000161 -1.551724 52.913915 -1.018199
0.51302 2.258716 -41.692961 -1.018199
0.000161 -0.938598 77.401597 -1.018199
6.753E-05 2.258716 -41.692961 -1.018199
0.000161 -0.325923 102.489279 -1.018199
0.83767 2.258716 -41.692961 -1.018199
0.000161 0.286753 127.576961 -1.018199
1.00000 2.258716 -41.692961 -1.018199
0.000161 0.899428 152.664643 -1.018199

ELEM 203 ===== LENGTH
3.706899
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.00000 -2.036474 36.479938 -1.033336
0.000295 -0.915871 152.476059 -1.033336
0.16233 -2.036474 36.479938 -1.033336
0.000295 -0.294088 130.525182 -1.033336
0.32465 -2.036474 36.479938 -1.033336
0.000295 0.327696 108.574304 -1.033336
0.48698 -2.036474 36.479938 -1.033336
0.000295 0.940480 86.923426 -1.033336
0.64930 -2.036474 36.479938 -1.033336
0.000295 1.571263 64.672548 -1.033336

ELEM 203 ===== LENGTH
3.706738
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.00000 -2.036474 36.479938 -1.033336
0.000295 -0.915871 152.476059 -1.033336
0.16233 -2.036474 36.479938 -1.033336
0.000295 -0.294088 130.525182 -1.033336
0.32465 -2.036474 36.479938 -1.033336
0.000295 0.327696 108.574304 -1.033336
0.48698 -2.036474 36.479938 -1.033336
0.000295 0.940480 86.923426 -1.033336
0.64930 -2.036474 36.479938 -1.033336
0.000295 1.571263 64.672548 -1.033336

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FRAME ELEMENT INTERNA
L FORCES

L FORCES
LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.35071 2.222851 -41.038157 0.180762
8.26E-05 0.270237 51.855844 0.180762
0.51303 2.222851 -41.038157 0.180762
8.26E-05 0.161475 76.547871 0.180762
0.67538 2.222851 -41.038157 0.180762
8.26E-05 0.052714 101.239897 0.180762
0.83768 2.222851 -41.038157 0.180762
8.26E-05 0.056048 125.931924 0.180762
1.00000 2.222851 -41.038157 0.180762
8.26E-05 -0.164810 150.623950 0.180762

ELEM 204 ===== LENGTH
3.706842
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.00000 -0.165177 4.055137 0.078426
0.00000 -0.070522 28.079830 0.078426
0.16232 -0.247479 5.426913 0.078426
0.00000 0.023332 25.227105 0.078426
0.32465 -0.329782 6.798689 0.078426
0.67538 -0.329782 6.798689 0.078426
0.48697 -0.412025 8.170465 0.078426
-3.08E-06 -0.071048 17.045419 0.078426
0.64930 -0.494386 9.542241 0.078426
-3.08E-06 -0.118238 11.716457 0.078426

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.00000 -2.019014 37.066770 0.174166
-4.71E-05 0.156570 150.388077 0.174166
0.16232 -2.019014 37.066770 0.174166
-4.71E-05 0.051773 128.084609 0.174166
0.32465 -2.019014 37.066770 0.174166
-4.71E-05 0.053024 105.781141 0.174166
0.48697 -2.019014 37.066770 0.174166
-4.71E-05 -0.157822 83.477673 0.174166
0.64930 -2.019014 37.066770 0.174166
-4.71E-05 -0.262619 61.714205 0.174166

ELEM 205 ===== LENGTH
3.706775
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.35071 0.396662 -8.189656 0.563311
-1.67E-05 0.854504 14.931558 0.563311
0.51303 0.314300 -6.817918 0.563311
-1.67E-05 0.515563 19.446540 0.563311
0.67538 0.231999 -5.466190 0.563311
-1.67E-05 0.176623 23.136156 0.563311
0.83768 0.149697 -4.074443 0.563311
-1.67E-05 0.162318 26.000406 0.563311
1.00000 0.067395 -2.027005 0.563311
-1.67E-05 -0.501259 28.039291 0.563311

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.35071 2.208872 -40.983653 1.433698
-4.73E-05 0.208872 48.342447 1.433698
0.51303 2.208872 -40.983653 1.433698
-4.73E-05 0.311591 74.077960 1.433698
0.67538 2.208872 -40.983653 1.433698
-4.73E-05 0.446943 98.745772 1.433698
0.83768 2.208872 -40.983653 1.433698
-4.73E-05 -0.413705 123.397184 1.433698
1.00000 2.208872 -40.983653 1.433698
-4.73E-05 -0.765352 148.056797 1.433698
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FRAME ELEMENT INTERNA
L FORCES

ELEM 206 ===== LENGTH
3.706775
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.00000 -0.180545 4.200359 0.565458
0.000120 -0.502892 37.902604 0.565458
0.16232 -0.262847 5.572097 0.565458
0.000120 0.126260 24.962591 0.565458
0.32465 -0.345148 6.943834 0.565458
0.67538 -0.345148 6.943834 0.565458
0.48697 -0.427450 8.315572 0.565458
-0.000120 -0.517845 16.606466 0.565458
0.64929 -0.509751 9.687309 0.565458
-0.000120 -0.558077 11.190354 0.565458

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.00000 -2.066337 37.471676 1.436224
-0.000383 -2.76865 147.828624 1.436224
0.16232 -2.066337 37.471676 1.436224
-0.000383 0.412698 125.282147 1.436224
0.32465 -2.066337 37.471676 1.436224
-0.000383 0.451469 102.735670 1.436224
0.48697 -2.066337 37.471676 1.436224
-0.000383 -1.351536 80.189193 1.436224
0.64929 -2.066337 37.471676 1.436224
-0.000383 -2.779803 57.642715 1.436224

ELEM 207 ===== LENGTH
3.706911
LOAD STEEL
REL DIST T P M2 M3 V2 V3
0.35070 0.405163 -8.816825 1.005677
-3.87E-05 1.523536 13.445003 1.005677
0.51302 0.322860 7.7745009 1.005677
-3.87E-05 0.918392 18.937602 1.005677
0.67538 0.240556 -6.071994 1.005677
-3.87E-05 0.313248 22.404741 1.005677
0.83767 0.158253 -4.701379 1.005677
-3.87E-05 -0.291896 25.646421 1.005677
1.00000 0.075950 -3.292564 1.005677
-3.87E-05 -0.897040 28.062641 1.005677

LOAD CONCC
REL DIST T P M2 M3 V2 V3
0.35070 2.198646 -42.576860 2.586211
-5.41E-05 3.917099 41.957528 2.586211
0.51302 2.198646 -42.576860 2.586211
-5.41E-05 3.917099 41.957528 2.586211
0.67538 2.198646 -42.576860 2.586211
-5.41E-05 3.917099 41.957528 2.586211
0.83767 2.198646 -42.576860 2.586211
-5.41E-05 3.917099 41.957528 2.586211
0.64929 2.198646 -42.576860 2.586211
-5.41E-05 3.917099 41.957528 2.586211

0.48700 4.324004 10.592246 5.185125
0.002279 -3.915633 100.418144
0.64933 4.324004 10.592246 5.185125
-0.002279 -7.036079 94.041653
ELEM 213 ===== LENGTH
= 3.706861
LOAD STEEL -----
REL DIST T M2 M3 V3
0.35070 3.032905 -16.470913 1.771811
0.000198 0.533421 -8.303457
0.51303 2.950503 -15.099192 1.771811
-0.000198 1.467295 -1.194631
0.67535 2.868300 -13.727339 1.771811
0.83768 2.401169 9.867294
0.000198 2.786997 -12.955552 1.771811
-0.000198 -0.664957 17.714532
1.00000 2.703695 -10.983766 1.771811
-0.000198 -1.731083 24.736345
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F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD CONC -----
REL DIST T M2 M3 V3
0.35070 7.434794 -34.003976 4.603812
-0.000360 -0.117491
0.51303 7.434794 -34.003976 4.603812
-0.000360 3.809690 -21.598194
0.67535 7.434794 -34.003976 4.603812
-0.000360 0.000000 0.000000
0.83768 7.434794 -34.003976 4.603812
-0.000360 -1.730678 62.519622
1.00000 7.434794 -34.003976 4.603812
-0.000360 -4.500863 82.980335

ELEM 214 ===== LENGTH
= 3.706987
LOAD STEEL -----
REL DIST T M2 M3 V3
0.35070 7.434794 -34.003976 4.603812
-0.000360 -0.117491
0.51303 7.434794 -34.003976 4.603812
-0.000360 3.809690 -21.598194
0.67535 7.434794 -34.003976 4.603812
-0.000360 0.000000 0.000000
0.83768 7.434794 -34.003976 4.603812
-0.000360 -1.730678 62.519622
1.00000 7.434794 -34.003976 4.603812
-0.000360 -4.500863 82.980335

ELEM 215 ===== LENGTH
= 4.527764
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 -1.896246 -7.485317 1.776883
-0.000410 1.735351 24.736077
0.16233 -1.978550 -6.113459 1.776883
0.000410 0.665617 28.827586
0.32466 -2.060854 -4.741600 1.776883
-0.000410 -0.403117 32.093584
0.48698 -2.143158 3.369742 1.776883
-0.000410 -0.000000 0.000000
0.64931 -2.225462 -1.997683 1.776883
-0.000410 -2.541584 36.149046

ELEM 216 ===== LENGTH
= 5.031543
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.011954 -35.486760 1.184056
-0.000576 2.863791 -0.180910
0.25000 0.012923 29.749859 1.184056
-0.000576 1.523510 29.749859 1.184056
0.50000 0.001954 0.692340 1.184056
-0.000576 0.183228 39.204323 1.184056
0.75000 0.011954 18.781890 1.184056
-0.000576 -0.001894 -2.000972 1.184056
0.000184 0.065999 9.713118 1.184056
0.75000 -0.001894 -0.274782 1.184056
-0.000184 -0.444322 9.659317 1.184056
1.00000 -0.001894 1.451448 1.184056
-0.000184 -0.954243 8.993348

ELEM 217 ===== LENGTH
= 5.030739
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.000851 -5.046713 0.259347
-0.000113 0.684294 8.888349 0.259347
0.25000 -0.000851 -3.128437 0.259347
-0.000113 0.350052 1.771811 0.259347
0.50000 -0.000851 -1.210162 0.259347
-0.000113 0.031836 16.758783 0.259347
0.75000 -0.000851 0.708114 0.259347
-0.000113 -0.234393 17.074542 0.259347
1.00000 -0.000851 2.626390 0.259347
-0.000113 -0.620621 14.977329

ELEM 218 ===== LENGTH
= 5.030826
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.011191 -41.835939 0.424568
-0.000178 1.020740 14.181393 0.424568
0.25000 0.011191 -21.736880 0.424568
-0.000178 0.668767 54.408839 0.424568
0.50000 0.011191 -1.637820 0.424568
-0.000178 0.134795 8.977161 0.424568
0.75000 0.011191 18.461239 0.424568
-0.000178 -0.399178 58.528563 0.424568
1.00000 0.011191 38.560298 0.424568
-0.000178 -0.933150 22.671005

ELEM 219 ===== LENGTH
= 5.030262
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.015106 -40.000932 0.105583
-0.000106 0.408546 22.590339 0.105583
0.25000 0.015106 -19.201502 0.105583
-0.000106 0.275754 60.260193 0.105583
0.50000 0.015106 1.977883 0.105583
-0.000106 0.142961 62.650891 0.105583
0.75000 0.015106 20.297291 0.105583
-0.000106 0.000000 0.000000 0.105583
1.00000 0.015106 59.366698 0.105583
-0.000106 -0.122624 21.594822

ELEM 220 ===== LENGTH
= 5.030710
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.023773 -37.815733 0.204774
-0.000102 -0.388123 21.651806 0.204774
0.25000 0.023773 -17.718318 0.204774
-0.000102 -0.130606 56.570498 0.204774
0.50000 0.023773 2.978837 0.204774
-0.000102 0.125911 66.215699 0.204774
0.75000 0.023773 22.475992 0.204774
-0.000102 0.384429 50.587411 0.204774
1.00000 0.023773 42.573147 0.204774
-0.000102 0.641946 9.685632

ELEM 221 ===== LENGTH
= 5.031189
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.036736 -35.435600 -0.444787
-0.000191 -1.037287 9.786519 -0.444787
0.25000 0.036736 -15.336658 -0.444787
-0.000191 -0.477897 41.408200 -0.444787
0.50000 0.036736 4.762286 -0.444787
-0.000191 0.081512 46.336554 -0.444787
0.75000 0.036736 24.861229 -0.444787
-0.000191 0.640911 29.625242 -0.444787
1.00000 0.036736 44.960171 -0.444787
-0.000191 1.200310 -14.171158 -0.444787
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0.75000 -0.002221 1.218634 0.164127
-5.33E-05 -0.155014 21.76648
1.25000 -0.015106 13.36603
-5.33E-05 -0.361434 18.437890
ELEM 222 ===== LENGTH
= 5.030986
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.013829 -1.418702 -0.186642
-5.70E-05 0.459617 -7.393492 -0.186642
0.25000 0.013829 0.499361 -0.186642
-5.70E-05 -0.260688 -6.815343 -0.186642
0.50000 0.013829 2.417425 -0.186642
-5.70E-05 0.162020 -8.629532 -0.186642
0.75000 0.013829 4.335488 -0.186642
-5.70E-05 0.208629 -12.896359 -0.186642
1.00000 0.013829 6.253552 -0.186642
-5.70E-05 0.443378 -19.555524

ELEM 223 ===== LENGTH
= 5.030731
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.063895 -33.811591 -0.490393
-0.000219 -0.299015 -43.414294 -0.490393
0.25000 0.063895 13.711542 -0.490393
-0.000219 -0.682225 -13.528264 -0.490393
0.50000 0.063895 6.388507 -0.490393
-0.000219 -0.065434 -6.923003 -0.490393
0.75000 0.063895 26.468556 -0.490393
-0.000219 0.551356 -29.598510 -0.490393
1.00000 0.063895 46.588604 -0.490393
-0.000219 1.168146 -75.554785

ELEM 224 ===== LENGTH
= 3.521230
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.070004 -38.438635 -0.260405
-0.000114 -0.786669 -75.437890 -0.260405
0.25000 0.070004 -18.339607 -0.260405
-0.000114 0.450162 -39.733293 -0.260405
0.50000 0.070004 1.759420 -0.260405
-0.000114 -0.131655 -29.306986 -0.260405
0.75000 0.070004 21.858444 -0.260405
-0.000114 0.135822 44.153878 -0.260405
1.00000 0.070004 41.957475 -0.260405
-0.000114 0.523359 -84.288970

ELEM 225 ===== LENGTH
= 5.031370
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.075242 -32.063367 0.010853
-2.45E-05 0.174951 -84.295829 0.010853
0.25000 0.075242 -17.995173 0.010853
-2.27E-05 0.127567 -62.256075 0.010853
0.50000 0.075242 -3.926978 0.010853
-4.45E-05 0.137121 -52.606957 0.010853
0.75000 0.075242 10.142126 0.010853
-2.27E-05 -0.146675 -55.342177 0.010853
1.00000 0.075242 24.209410 0.010853
-2.27E-05 -0.156229 -70.461734

ELEM 226 ===== LENGTH
= 5.030471
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.018285 -5.602733 0.101208
-2.45E-05 0.217555 -20.808354 0.101208
0.25000 0.018285 -3.684523 0.101208
-4.45E-05 0.174121 -14.967401 0.101208
0.50000 0.018285 -1.766313 0.101208
-2.45E-05 0.037053 -19.532524 0.101208
0.75000 0.018285 0.151891 0.101208
-4.45E-05 -0.164377 -10.529913 0.101208
1.00000 0.018285 2.070107 0.101208
-2.45E-05 -0.291661 -11.921378

ELEM 227 ===== LENGTH
= 5.030835
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.013698 -5.568231 0.143315
-3.96E-05 0.375697 -1.817665 0.143315
0.25000 0.013698 -3.650025 0.143315
-3.96E-05 0.195448 3.979401 0.143315
0.50000 0.013698 -1.732219 0.143315
-3.96E-05 0.015200 7.364171 0.143315
0.75000 0.013698 0.185787 0.143315
-3.96E-05 -0.165049 8.336655 0.143315
1.00000 0.013698 2.103793 0.143315
-3.96E-05 -0.345298 6.896843

ELEM 228 ===== LENGTH
= 5.031253
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.072866 -44.465792 0.342256
-0.000145 0.893831 -31.979003 0.342256
0.25000 0.072866 -24.350349 0.342256
-0.000145 0.463373 -1.806389 0.342256
0.50000 0.072866 -4.266906 0.342256
-0.000145 0.032915 29.312537 0.342256
0.75000 0.072866 15.888539 0.342256
-0.000145 -0.397543 22.039439 0.342256
1.00000 0.072866 35.931980 0.342256
-0.000145 -0.828001 -10.512904

ELEM 229 ===== LENGTH
= 5.030742
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.068841 -42.543123 0.209274
-8.38E-05 0.603125 -10.598800 0.209274
0.25000 0.068841 -22.442008 0.209274
-8.38E-05 0.339988 30.270781 0.209274
0.50000 0.068841 5.856913 0.209274
-8.38E-05 0.076670 45.856913 0.209274
0.75000 0.068841 17.60221 0.209274
-8.38E-05 0.168557 16.233172 0.209274
1.00000 0.068841 37.861335 0.209274
-8.38E-05 -0.449784 1.178830

ELEM 230 ===== LENGTH
= 5.030417
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.011420 -3.871792 0.001569
-1.79E-06 0.042041 -20.215815 0.001569
0.25000 0.011420 -1.953821 0.001569
-1.79E-06 0.040068 14.981981 0.001569
0.50000 0.011420 -0.035851 0.001569
-1.79E-06 0.008855 16.233172 0.001569
0.75000 0.011420 15.072159 0.001569
-1.79E-06 0.036122 3.800090 0.001569
1.00000 0.011420 11.488942

ELEM 231 ===== LENGTH
= 5.030417
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.068436 -40.316689 0.007911
-4.76E-06 0.111659 20.215815 0.007911
0.25000 0.068436 39.214068 0.007911
-4.76E-06 0.101710 14.981981 0.007911
0.50000 0.068436 -0.118541 0.007911
-4.76E-06 0.091761 52.002314 0.007911
0.75000 0.068436 19.905532 0.007911
-4.76E-06 0.081812 39.512243 0.007911
1.00000 0.068436 40.076060 0.007911
-4.76E-06 0.071863 1.738587

ELEM 232 ===== LENGTH
= 5.030417
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.012492 -3.025743 -0.083595
2.06E-05 -0.176851 11.511635 -0.083595
0.25000 0.012492 -1.107896 -0.083595
2.06E-05 -0.071722 14.110875 -0.083595
0.50000 0.012492 0.809589 -0.083595
2.06E-05 0.033407 14.298225 -0.083595
0.75000 0.012492 2.727796 -0.083595
2.06E-05 0.138536 12.079993 -0.083595
1.00000 0.012492 4.645843 -0.083595
2.06E-05 0.243665 7.437249

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F R A M E E L E M E N T I N T E R N A L F O R C E S
ELEM 231 ===== LENGTH

0.000235 1.402061 -43.572890
ELEM 222 ===== LENGTH
= 5.030986
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.013829 -1.418702 -0.186642
-5.70E-05 0.459617 -7.393492 -0.186642
0.25000 0.013829 0.499361 -0.186642
-5.70E-05 -0.260688 -6.815343 -0.186642
0.50000 0.013829 2.417425 -0.186642
-5.70E-05 0.162020 -8.629532 -0.186642
0.75000 0.013829 4.335488 -0.186642
-5.70E-05 0.208629 -12.896359 -0.186642
1.00000 0.013829 6.253552 -0.186642
-5.70E-05 0.443378 -19.555524

ELEM 223 ===== LENGTH
= 5.030731
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.063895 -33.811591 -0.490393
-0.000219 -0.299015 -43.414294 -0.490393
0.25000 0.063895 13.711542 -0.490393
-0.000219 -0.682225 -13.528264 -0.490393
0.50000 0.063895 6.388507 -0.490393
-0.000219 -0.065434 -6.923003 -0.490393
0.75000 0.063895 26.468556 -0.490393
-0.000219 0.551356 -29.598510 -0.490393
1.00000 0.063895 46.588604 -0.490393
-0.000219 1.168146 -75.554785

ELEM 224 ===== LENGTH
= 3.521230
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.070004 -38.438635 -0.260405
-0.000114 -0.786669 -75.437890 -0.260405
0.25000 0.070004 -18.339607 -0.260405
-0.000114 0.450162 -39.733293 -0.260405
0.50000 0.070004 1.759420 -0.260405
-0.000114 -0.131655 -29.306986 -0.260405
0.75000 0.070004 21.858444 -0.260405
-0.000114 0.135822 44.153878 -0.260405
1.00000 0.070004 41.957475 -0.260405
-0.000114 0.523359 -84.288970

ELEM 225 ===== LENGTH
= 5.031370
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.075242 -32.063367 0.010853
-2.45E-05 0.174951 -84.295829 0.010853
0.25000 0.075242 -17.995173 0.010853
-2.27E-05 0.127567 -62.256075 0.010853
0.50000 0.075242 -3.926978 0.010853
-4.45E-05 0.137121 -52.606957 0.010853
0.75000 0.075242 10.142126 0.010853
-2.27E-05 -0.146675 -55.342177 0.010853
1.00000 0.075242 24.209410 0.010853
-2.27E-05 -0.156229 -70.461734

ELEM 226 ===== LENGTH
= 5.031370
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.075242 -32.063367 0.010853
-2.45E-05 0.174951 -84.295829 0.010853
0.25000 0.075242 -17.995173 0.010853
-2.27E-05 0.127567 -62.256075 0.010853
0.50000 0.075242 -3.926978 0.010853
-4.45E-05 0.137121 -52.606957 0.010853
0.75000 0.075242 10.142126 0.010853
-2.27E-05 -0.146675 -55.342177 0.010853
1.00000 0.075242 24.209410 0.010853
-2.27E-05 -0.156229 -70.461734

ELEM 227 ===== LENGTH
= 5.031370
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.075242 -32.063367 0.010853
-2.45E-05 0.174951 -84.295829 0.010853
0.25000 0.075242 -17.995173 0.010853
-2.27E-05 0.127567 -62.256075 0.010853
0.50000 0.075242 -3.926978 0.010853
-4.45E-05 0.137121 -52.606957 0.010853
0.75000 0.075242 10.142126 0.010853
-2.27E-05 -0.146675 -55.342177 0.010853
1.00000 0.075242 24.209410 0.010853
-2.27E-05 -0.156229 -70.461734

ELEM 228 ===== LENGTH
= 5.031370
LOAD STEEL -----
REL DIST T M2 M3 V3
0.00000 0.075242 -32.063367 0.010853
-2.45E-05 0.174951 -84.295829 0.010853
0.25000 0.075242 -17.995173 0.010853
-2.27E-05 0.127567 -62.256075 0.

= 5.031260

LOAD	STEEL	P	M2	M3	V3
REL DIST					
0.00000	0.015834	-2.143583			-0.143774
3.66E-05	-0.344831	-7.464448			
0.25000	0.015534	-0.227615			-0.143774
3.66E-05	-0.163990	8.957096			
0.50000	0.015534	1.690559			-0.143774
3.66E-05	0.016851	8.037043			
0.75000	0.015534	3.608721			-0.143774
3.66E-05	0.197691	4.704290			
1.00000	0.015534	5.526689			-0.143774
3.66E-05	0.378532	-1.041164			

LOAD	CONC	P	M2	M3	V3
REL DIST					
0.00000	0.078777	-36.053055			-0.339133
0.000138	-0.814739	-9.628603			
0.25000	0.078777	-15.951914			-0.339133
0.000138	-0.388172	24.077711			
0.50000	0.078777	14.19227			-0.339133
0.000138	0.038396	31.500509			
0.75000	0.078777	24.250638			-0.339133
0.000138	0.464693	13.639791			
1.00000	0.078777	44.351705			-0.339133
0.000138	0.891530	-29.504443			

ELEM 232 ===== LENGTH
= 5.031138

LOAD	STEEL	P	M2	M3	V3
REL DIST					
0.00000	0.017979	-1.864661			-0.157338
3.89E-05	-0.402178	-0.993876			
0.25000	0.017979	0.034360			-0.157338
3.89E-05	-0.204281	0.1451175			
0.50000	0.017979	1.971581			-0.157338
3.89E-05	-0.006385	11.28357			
0.75000	0.017979	3.889702			-0.157338
3.89E-05	0.191512	-4.814473			
1.00000	0.017979	5.807823			-0.157338
3.89E-05	0.389409	-10.913171			

LOAD	CONC	P	M2	M3	V3
REL DIST					
0.00000	0.084413	-35.092125			-0.363957
0.000156	-0.935721	-29.392631			
0.25000	0.084413	-14.991473			-0.363957
0.000156	-0.400156	2.014517			
0.50000	0.084413	5.109179			-0.363957
0.000156	-0.020161	8.319450			
0.75000	0.084413	25.209832			-0.363957
0.000156	0.437619	12.707939			
1.00000	0.084413	45.310484			-0.363957
0.000156	0.895399	-55.097615			

ELEM 233 ===== LENGTH
= 5.030150

LOAD	STEEL	P	M2	M3	V3
REL DIST					
0.00000	0.019853	-2.019608			-0.109655
2.58E-05	-0.138960	-0.870927			
0.25000	0.019853	-0.101863			-0.109655
2.58E-05	-0.173064	-9.596912			
0.50000	0.019853	1.815892			-0.109655
2.58E-05	-0.038169	10.814634			
0.75000	0.019853	7.336327			-0.109655
2.58E-05	0.102727	-14.103992			
1.00000	0.019853	15.13173			-0.109655
2.58E-05	0.240622	-20.004987			

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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD	CONC	P	M2	M3	V3
REL DIST					
0.00000	0.087767	-37.332054			-0.244535
0.000113	-0.699017	-55.00542			
0.25000	0.087887	-17.235376			-0.244535
0.000113	-0.391505	-20.890226			
0.50000	0.087887	2.961583			-0.244535
0.000113	-0.083994	11.652276			
0.75000	0.087887	22.958041			-0.244535
0.000113	0.223517	-27.866933			
1.00000	0.087887	43.054750			-0.244535
0.000113	0.531029	-69.393476			

ELEM 234 ===== LENGTH
= 5.321750

LOAD	STEEL	P	M2	M3	V3
REL DIST					
0.00000	0.020788	-1.332307			-0.057838
8.75E-06	-0.151037	-19.989418			
0.25000	0.020788	-0.00360			-0.057838
8.75E-06	-0.100115	-19.407472			
0.50000	0.020788	1.353027			-0.057838
8.75E-06	-0.049192	-20.007660			
0.75000	0.020788	2.695694			-0.057838
8.75E-06	0.001731	-21.789983			
1.00000	0.020788	4.038361			-0.057838
8.75E-06	0.052653	-24.754440			

LOAD	CONC	P	M2	M3	V3
REL DIST					
0.00000	0.088363	-28.483597			-0.100364
3.95E-05	-0.296164	-69.383544			
0.25000	0.088363	-14.413326			-0.100364
3.95E-05	-0.202001	-20.499516			
0.50000	0.088363	-34.30356			-0.100364
3.95E-05	-0.119437	-40.003481			
0.75000	0.088363	13.727215			-0.100364
3.95E-05	-0.031073	29.395438			
1.00000	0.088363	27.797485			-0.100364
3.95E-05	0.057291	-68.175388			

ELEM 235 ===== LENGTH
= 5.321364

LOAD	STEEL	P	M2	M3	V3
REL DIST					
0.00000	0.020205	-4.082360			0.109320
-1.32E-05	0.141800	-24.767604			
0.25000	0.020205	-2.739860			0.109320
-1.32E-05	0.045561	-21.764656			
0.50000	0.020205	1.847215			0.109320
-1.32E-05	-0.050677	-19.943583			
0.75000	0.020205	-0.054820			0.109320
-1.32E-05	-0.148916	-19.304385			
1.00000	0.020205	1.287700			0.109320
-1.32E-05	-0.243154	-19.847063			

LOAD	CONC	P	M2	M3	V3
REL DIST					
0.00000	0.087743	-27.996775			0.307554
6.01E-05	-0.141905	-68.233056			
0.25000	0.087743	-13.928045			0.307554
-6.01E-05	0.145552	-49.778987			
0.50000	0.087743	0.140684			0.307554
-6.01E-05	-0.125200	-43.710197			

0.75000 0.087743 14.209413 0.307554
-6.01E-05 -0.395953 -50.026887
1.00000 0.087743 28.278143 0.307554
-6.01E-05 -0.666706 -68.728455
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107
F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD	STEEL	P	M2	M3	V3
REL DIST					
0.00000	0.020219	-5.710387			0.137249
-3.38E-05	0.309478	-19.888086			
0.25000	0.020219	-3.792172			0.137249
-3.38E-05	0.136840	-13.911708			
0.50000	0.020219	1.873955			0.137249
-3.38E-05	-0.035798	-10.348149			
0.75000	0.020219	0.044258			0.137249
-3.38E-05	-0.208436	-9.174049			
1.00000	0.020219	1.962471			0.137249
-3.38E-05	-0.381073	-10.459489			

LOAD	CONC	P	M2	M3	V3
REL DIST					
0.00000	0.087958	-43.327775			0.354264
-0.000143	-0.901591	-98.857497			
0.25000	0.087958	-23.228139			0.354264
-0.000143	0.359781	-27.000151			
0.50000	0.087958	3.124502			0.354264
-0.000143	0.228146	-10.427627			
0.75000	0.087958	16.977135			0.354264
-0.000143	-0.531439	-19.139866			
1.00000	0.087958	37.078771			0.354264
-0.000143	-0.977049	-53.136868			

ELEM 237 ===== LENGTH
= 5.030878

LOAD	STEEL	P	M2	M3	V3
REL DIST					
0.00000	0.017315	-5.858684			0.185616
-4.71E-05	0.461600	-10.510091			
0.25000	0.017315	-3.938841			0.185616
-4.71E-05	0.228146	-4.349866			
0.50000	0.017315	-2.020819			0.185616
-4.71E-05	-0.005307	-6.002175			
0.75000	0.017315	-0.102797			0.185616
-4.71E-05	-0.238761	-9.103282			
1.00000	0.017315	1.815226			0.185616
-4.71E-05	-0.472214	-0.343596			

LOAD	CONC	P	M2	M3	V3
REL DIST					
0.00000	0.081959	-45.557979			0.472709
-0.000185	-1.174512	-53.265856			
0.25000	0.081959	-25.458633			0.472709
-0.000185	0.579977	-8.806535			
0.50000	0.081959	-5.367696			0.472709
-0.000185	-0.014559	10.773106			
0.75000	0.081959	14.740870			0.472709
-0.000185	-0.603094	-14.730677			
1.00000	0.081959	34.840486			0.472709
-0.000185	-1.203630	-26.306654			

ELEM 238 ===== LENGTH
= 5.030460

LOAD	STEEL	P	M2	M3	V3
REL DIST					
0.00000	0.014757	-5.735042			0.169907
-0.47E-05	0.3446600	-98.857497			
0.25000	0.014757	-3.817189			0.169907
-4.47E-05	0.232922	-5.615696			
0.50000	0.014757	-1.899317			0.169907
-4.47E-05	-0.019245	9.410211			
0.75000	0.014757	0.018546			0.169907
-4.47E-05	-0.194433	10.392914			
1.00000	0.014757	1.936409			0.169907
-4.47E-05	-0.408110	-9.168324			

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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD	CONC	P	M2	M3	V3
REL DIST					
0.00000	0.075992	-45.058687			0.434035
-0.000165	-0.140900	-24.960743			0.434035
0.25000	0.075992	-24.960743			0.434035
-0.000165	0.590501	17.623680			
0.50000	0.075992	-4.662789			0.434035
-0.000165	0.049202	-5.367696			
0.75000	0.075992	15.235144			0.434035
-0.000165	-0.496647	-29.854738			
1.00000	0.075992	35.333088			0.434035
-0.000165	-1.042495	-1.942943			

ELEM 239 ===== LENGTH
= 5.031164

ELEM	239	=====	LENGTH
5,031184			
LOAD	STEEL	-----	
REL DIST			
	P	V2	V3
T	M2	M3	
0.00000	0.012117	-4.793964	0.103895
-2.69E-05	0.299473	9.121147	
0.25000	0.012117	-2.875825	0.103895
-2.69E-05	0.168794	13.944662	
0.50000	0.012117	-0.957686	0.103895
-2.69E-05	0.038114	16.355550	
0.75000	0.012117	0.960452	

-2.58E-05	-0.277718	6.437357	
LOAD	CONC		
REL DIST	P	M2	V3
0.00000	0.081645	-43.962118	0.281097
-0.000114	0.743225	-29.252438	
0.25000	0.081645	-23.863200	0.281097
-0.000114	0.389695	13.398695	
0.50000	0.081645	-3.765892	0.281097
-0.000114	0.036166	30.771904	
0.75000	0.081645	16.334637	0.281097
-0.000114	-0.317363	12.867187	
1.00000	0.081645	1.340535	0.281097
-0.000114	-0.670892	-10.315454	
ELEM	250	=====	LENGTH
5.030726			
LOAD	STEEL		
REL DIST	P	M2	V3
0.00000	0.014948	-4.413856	0.062066
-1.07E-05	0.185455	5.401795	
0.25000	0.014948	-2.458892	0.062066
-1.07E-05	0.107395	10.746926	
0.50000	0.014948	-0.577928	0.062066
-1.07E-05	0.029336	12.679869	
0.75000	0.014948	1.340535	0.062066
-1.07E-05	-0.048724	12.200624	
1.00000	0.014948	3.258001	0.062066
-1.07E-05	-0.126784	9.309191	
LOAD	CONC		
REL DIST	P	M2	V3
0.00000	0.077739	-41.757528	0.148632
-5.12E-05	0.446155	-10.424413	
0.25000	0.077739	-17.559515	0.148632
-5.12E-05	0.259223	34.2554181	
0.50000	0.077739	-1.559515	0.148632
-5.12E-05	0.072292	44.054627	
0.75000	0.077739	18.539491	0.148632
-5.12E-05	-0.114640	33.376928	
1.00000	0.077739	36.638497	0.148632
-5.12E-05	-0.301572	2.578919	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
ELEM	251	=====	LENGTH
5.030920			
LOAD	STEEL		
REL DIST	P	M2	V3
0.00000	0.014785	-3.549333	-0.011907
8.78E-06	0.001108	9.293381	
0.25000	0.014785	-1.631294	-0.011907
8.78E-06	0.018351	34.228858	
0.50000	0.014785	0.286744	-0.011907
8.78E-06	0.031059	13.396837	
0.75000	0.014785	2.204782	-0.011907
8.78E-06	0.014785	0.046034	-0.011907
1.00000	0.014785	4.122821	-0.011907
8.78E-06	0.061009	7.850794	
LOAD	CONC		
REL DIST	P	M2	V3
0.00000	0.077168	-39.443550	-0.034645
2.27E-05	-0.010123	-2.640429	
0.25000	0.077168	-19.343764	-0.034645
2.27E-05	0.034351	34.228858	
0.50000	0.077168	0.756051	-0.034645
2.27E-05	0.077026	46.018041	
0.75000	0.077168	20.855806	-0.034645
2.27E-05	0.120677	32.451119	
1.00000	0.077168	40.955591	-0.034645
2.27E-05	0.164175	-6.443909	
ELEM	252	=====	LENGTH
5.031196			
LOAD	STEEL		
REL DIST	P	M2	V3
0.00000	0.015930	-2.672028	-0.078543
2.55E-05	0.034066	16.597244	
0.25000	0.015930	-7.053684	-0.078543
2.55E-05	-0.076715	10.011799	
0.50000	0.015930	1.164259	-0.078543
2.55E-05	0.022077	9.753114	
0.75000	0.015930	3.082403	-0.078543
2.55E-05	0.120869	7.082990	
1.00000	0.015930	5.000547	-0.078543
2.55E-05	0.219661	1.995827	
LOAD	CONC		
REL DIST	P	M2	V3
0.00000	0.079817	-37.085561	-0.198186
9.02E-05	-0.445608	5.449337	
0.25000	0.079817	-16.986474	-0.198186
9.02E-05	-0.196329	27.555409	
0.50000	0.079817	3.116214	-0.198186
9.02E-05	0.052949	36.272728	
0.75000	0.079817	9.753114	-0.198186
9.02E-05	0.302228	19.716268	
1.00000	0.079817	43.317988	-0.198186
9.02E-05	0.551506	-22.127619	
ELEM	253	=====	LENGTH
5.030540			
LOAD	STEEL		
REL DIST	P	M2	V3
0.00000	0.018606	-2.061274	-0.113231
3.40E-05	-0.282030	2.030170	
0.25000	0.018606	-0.143381	-0.113231
3.40E-05	-0.139627	3.418496	
0.50000	0.018606	1.774513	-0.113231
3.40E-05	0.002777	2.908111	
0.75000	0.018606	3.692406	-0.113231
3.40E-05	0.145180	1.046883	
1.00000	0.018606	5.610300	-0.113231
3.40E-05	0.287584	-6.896588	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
LOAD	CONC		
REL DIST	P	M2	V3
0.00000	0.085980	-35.708485	-0.277511
0.000137	-0.695322	-22.050445	
0.25000	0.085980	-15.610220	-0.277511
0.000137	-0.346315	10.219655	
0.50000	0.085980	4.488045	-0.277511
0.000137	0.002693	17.213474	
0.75000	0.085980	24.586310	-0.277511
0.000137	0.321700	1.068990	
1.00000	0.085980	44.684575	-0.277511
0.000137	0.700708	-44.627735	
ELEM	254	=====	LENGTH

= 5.031123			
LOAD	STEEL		
REL DIST	P	M2	V3
0.00000	0.020336	-1.783033	-0.097240
2.75E-05	-0.266238	-6.871711	
0.25000	0.020336	0.134290	-0.097240
2.75E-05	-0.143930	-5.834333	
0.50000	0.020336	2.052519	-0.097240
2.75E-05	-0.021623	7.209525	
0.75000	0.020336	3.970522	-0.097240
2.75E-05	-0.100684	-19.977286	
1.00000	0.020336	5.886033	-0.097240
2.75E-05	-0.222991	-17.197617	
LOAD	CONC		
REL DIST	P	M2	V3
0.00000	0.089285	-34.655975	-0.224446
0.000134	-0.625640	-44.592798	
0.25000	0.089285	-14.555380	-0.224446
0.000134	-0.343336	13.644248	
0.50000	0.089285	5.545216	-0.224446
0.000134	-0.061032	7.977843	
0.75000	0.089285	25.645811	-0.224446
0.000134	-0.221272	-27.593581	
1.00000	0.089285	45.746400	-0.224446
0.000134	0.503576	-72.491462	
ELEM	255	=====	LENGTH
5.030775			
LOAD	STEEL		
REL DIST	P	M2	V3
0.00000	0.020571	-2.131398	-0.024253
4.35E-06	-0.106988	-17.177844	
0.25000	0.020571	0.213451	-0.024253
4.35E-06	-0.076486	-15.03315	
0.50000	0.020571	1.704565	-0.024253
4.35E-06	-0.045983	-16.641022	
0.75000	0.020571	4.228904	-0.024253
4.35E-06	-0.015481	-19.990963	
1.00000	0.020571	5.540533	-0.024253
4.35E-06	-0.015022	-25.753140	
LOAD	CONC		
REL DIST	P	M2	V3
0.00000	0.087733	-37.958708	-0.035323
6.57E-05	-0.202424	-72.449491	
0.25000	0.087733	-17.595904	-0.035323
6.57E-05	-0.157097	18.539491	
0.50000	0.087733	2.239700	-0.035323
6.57E-05	-0.113571	-2.725919	
0.75000	0.087733	22.338904	-0.035323
6.57E-05	-0.028145	-42.892097	
1.00000	0.087733	42.438108	-0.035323
6.57E-05	-0.024719	-83.716918	
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ELEM	256	=====	LENGTH
5.321318			
LOAD	STEEL		
REL DIST	P	M2	V3
0.00000	0.017766	-0.957238	0.157087
-2.84E-05	0.212938	-25.765391	
0.25000	0.017766	0.385264	0.157087
-2.84E-05	0.074650	-25.513623	
0.50000	0.017766	3.762367	0.157087
-2.84E-05	-0.063638	-26.443710	
0.75000	0.017766	3.070289	0.157087
-2.84E-05	-0.001926	-25.555636	
1.00000	0.017766	4.437711	0.157087
-2.84E-05	-0.340214	-31.849406	
LOAD	CONC		
REL DIST	P	M2	V3
0.00000	0.077884	-24.374724	0.452690
-4.83E-05	0.630660	-83.757148	
0.25000	0.077884	-10.306178	0.452690
-4.83E-05	0.232144	-68.491838	
0.50000	0.077884	9.762367	0.452690
-4.83E-05	-0.166372	-65.611483	
0.75000	0.077884	17.830913	0.452690
-4.83E-05	-0.564888	-75.116083	
1.00000	0.077884	31.892594	0.452690
-4.83E-05	-0.963404	-9.050539	
ELEM	257	=====	LENGTH
5.030907			
LOAD	STEEL		
REL DIST	P	M2	V3
0.00000	0.014708	-5.508786	0.208744
-6.09E-05	0.454362	-31.050900	
0.25000	0.014708	-3.590753	0.208744
-6.09E-05	0.191818	-26.183534	
0.50000	0.014708	-1.672719	0.208744
-6.09E-05	-0.070725	-22.873529	
0.75000	0.014708	0.242314	0.208744
-6.09E-05	-0.333268	-21.975886	
1.00000	0.014708	2.163347	0.208744
-6.09E-05	-0.595811	-23.490605	
LOAD	CONC		
REL DIST	P	M2	V3
0.00000	0.068510	-42.350042	0.552378
-0.000199	1.216750	-97.180129	
0.25000	0.068510	-22.500195	0.552378
-0.000199	0.522009	-56.555334	
0.50000	0.068510	-2.150580	0.552378
-0.000199	-0.172731	-41.210507	
0.75000	0.068510	17.949151	0.552378
-0.000199	-0.967741	-51.146550	
1.00000	0.068510	38.048882	0.552378
-0.000199	-1.562211	-86.360762	
ELEM	258	=====	LENGTH
5.030817			
LOAD	STEEL		
REL DIST	P	M2	V3
0.00000	0.009931	-6.616132	0.327600
-8.96E-05	0.790288	-23.581460	
0.25000	0.009931	-4.698133	0.327600
-8.96E-05	0.376264	-16.466461	
0.50000	0.009931	1.163738	0.327600
-8.96E-05	-0.033761	-1.163738	
0.75000	0.009931	-0.862135	0.327600
-8.96E-05	-0.445785	-8.473289	
1.00000	0.009931	1.056858	0.327600
-8.96E-05	-0.857809	-9.595116	
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LOAD	CONC		

REL DIST	P	M2	V2	V3
0.00000	0.056714	-47.521927		0.848210
-0.000312	2.046667	-86.617068		
0.25000	0.056714	-27.422556		0.848210
-0.000312	0.379870	-39.488073		
0.50000	0.056714	-7.323186		0.848210
-0.000312	-0.086927	-17.638141		
0.75000	0.056714	12.776185		0.848210
-0.000312	-0.001619	-21.067171		
1.00000	0.056714	32.875556		0.848210
-0.000312	-2.220522	-49.775463		
ELEM 259 ===== LENGTH				
= 5.031015				
LOAD STEEL				
REL DIST	P	M2	V2	V3
0.00000	0.005206	-6.701513		0.363085
0.000105	0.914963	7.902359		
0.25000	0.005206	-4.783439		0.363085
-0.000105	0.458291	-2.479738		
0.50000	0.005206	-2.865364		0.363085
0.000105	0.001619	2.330418		
-0.000312	-0.173434	-3.044626		0.363085
-0.000105	-0.455053	4.728108		
1.00000	0.005206	0.970785		0.363085
-0.000105	-0.911725	4.713332		
LOAD CONC				
REL DIST	P	M2	V2	V3
0.00000	0.044263	-47.426640		0.941072
-0.000346	2.370978	-50.055133		
0.25000	0.044263	-27.326477		0.941072
-0.000346	1.187341	-3.044626		
0.50000	0.044263	-7.226314		0.941072
-0.000346	0.003704	18.684825		
0.75000	0.044263	12.973850		0.941072
-0.000346	-0.173934	15.133229		
1.00000	0.044263	32.874013		0.941072
-0.000346	-2.363571	-13.699441		
ELEM 260 ===== LENGTH				
= 5.031257				
LOAD STEEL				
REL DIST	P	M2	V2	V3
0.00000	-0.002415	-6.239065		0.319568
-0.93E-05	0.028640	1.047779		
0.25000	-0.002415	-4.374898		0.319568
-9.93E-05	0.437683	1.130938		
0.50000	-0.002415	-2.456737		0.319568
0.00000	0.034426	15.600249		
0.75000	-0.002415	-0.536855		0.319568
-9.93E-05	0.366231	17.489613		
1.00000	-0.002415	1.379601		0.319568
-9.93E-05	-0.768188	16.950679		
LOAD CONC				
REL DIST	P	M2	V2	V3
0.00000	0.023324	-46.606096		0.831450
0.000311	1.828446	14.014640		
0.25000	0.023324	-28.098624		0.831450
-0.000311	1.137036	31.965426		
0.50000	0.023324	-6.403839		0.831450
0.000311	0.912226	62.662008		
0.75000	-0.003342	15.600249		0.831450
-0.000311	-0.954583	48.071051		
1.00000	0.023324	33.984418		0.831450
0.000311	-2.009393	18.244719		
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ELEM 261 ===== LENGTH				
= 5.030628				
LOAD STEEL				
REL DIST	P	M2	V2	V3
0.00000	-0.007695	-5.353583		0.209640
-7.37E-05	0.588053	16.878446		
0.25000	-0.007695	-3.435555		0.209640
-7.37E-05	0.342399	22.405370		
0.50000	-0.007695	-1.511729		0.209640
-7.37E-05	0.060744	25.502020		
0.75000	-0.007695	0.400178		0.209640
-0.000221	-0.022911	26.222936		
1.00000	-0.007695	2.318125		0.209640
-7.37E-05	-0.466565	24.513577		
LOAD CONC				
REL DIST	P	M2	V2	V3
0.00000	0.007810	-44.159075		0.550131
-0.000221	1.540245	17.988037		
0.25000	0.007810	-24.060459		0.550131
-0.000221	0.848369	60.886224		
0.50000	0.007810	-9.961842		0.550131
-0.000221	0.156492	38.507645		
0.75000	0.007810	16.136774		0.550131
-0.000221	0.535384	70.951701		
1.00000	0.007810	36.235391		0.550131
-0.000221	-1.227260	37.918592		
ELEM 262 ===== LENGTH				
= 5.031120				
LOAD STEEL				
REL DIST	P	M2	V2	V3
0.00000	-0.011987	-4.530934		0.056641
-3.29E-05	0.058093	21.294844		
0.25000	-0.011987	-2.618280		0.056641
-3.29E-05	0.145651	28.965155		
0.50000	-0.011987	-0.694705		0.056641
-3.29E-05	0.074408	31.045224		
0.75000	-0.011987	1.223409		0.056641
-3.29E-05	0.003166	30.712727		
1.00000	-0.011987	3.141524		0.056641
-3.29E-05	-0.068077	27.967684		
LOAD CONC				
REL DIST	P	M2	V2	V3
0.00000	-0.005609	-42.054426		0.155961
9.19E-05	0.584773	37.809762		
0.25000	-0.005609	-21.848424		0.155961
-9.19E-05	0.388608	76.063924		
0.50000	-0.005609	-1.853262		0.155961
9.19E-05	0.192442	33.035975		
-9.19E-05	-0.013635	0.157322		0.155961
-9.19E-05	-0.003723	82.725914		
1.00000	-0.005609	36.347903		0.155961
-9.19E-05	-0.199888	47.133744		
ELEM 263 ===== LENGTH				
= 5.030743				
LOAD STEEL				
REL DIST	P	M2	V2	V3
0.00000	-0.013650	-3.698330		-0.114803
1.82E-05	-0.210807	27.983829		
0.25000	-0.013650	-1.780359		-0.114803
1.82E-05	-0.066421	31.420804		
-0.50000	-0.013650	0.157322		-0.114803
1.82E-05	-0.077965	32.462094		

0.00000 8.989443 -0.562698 0.00000 -1.40E-10 -7.45E-10 1.200000

ELEM 268 ===== LENGTH
= 1.100000

LOAD STEEL

REL DIST P M2 V2 V3
T M3
0.00000 -333.939651 -1.86E-09 -2.33E-10
0.00000 1.75E-10 -2.79E-09
0.25000 333.939651 -1.86E-09 -2.33E-10
0.50000 -333.939651 -1.86E-09 -2.33E-10
0.75000 333.939651 -1.86E-09 -2.33E-10
1.00000 -333.939651 -1.86E-09 -2.33E-10
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FRAME ELEMENT INTERNAL FORCES

LOAD CONC

REL DIST P M2 V2 V3
T M3
0.00000 -889.818456 7.45E-09 0.00000
0.00000 4.66E-10 0.00000
0.25000 889.818456 7.45E-09 0.00000
0.50000 -889.818456 7.45E-09 0.00000
0.75000 889.818456 7.45E-09 0.00000
1.00000 -889.818456 7.45E-09 0.00000
0.00000 4.66E-10 -8.20E-09

ELEM 269 ===== LENGTH
= 1.200000

LOAD STEEL

REL DIST P M2 V2 V3
T M3
0.00000 -1267.950 0.00000 4.66E-10
0.00000 4.66E-10 2.33E-10
0.25000 -1267.950 0.00000 4.66E-10
0.50000 -1267.950 0.00000 4.66E-10
0.75000 -1267.950 0.00000 4.66E-10
1.00000 -1267.950 0.00000 4.66E-10
0.00000 9.31E-11 2.33E-10

LOAD CONC

REL DIST P M2 V2 V3
T M3
0.00000 -2863.376 9.31E-10 9.31E-10
0.25000 -2863.376 9.31E-10 9.31E-10
0.50000 -2863.376 9.31E-10 9.31E-10
0.75000 -2863.376 9.31E-10 9.31E-10
1.00000 -2863.376 9.31E-10 9.31E-10
0.00000 2.79E-10 7.45E-10

ELEM 270 ===== LENGTH
= 1.200000

LOAD STEEL

REL DIST P M2 V2 V3
T M3
0.00000 -1237.551 1.543034 -0.045634
0.00000 -0.054761 1.851640
0.25000 -1237.551 1.543034 -0.045634
0.50000 -1237.551 1.543034 -0.045634
0.75000 -1237.551 1.543034 -0.045634
1.00000 -1237.551 1.543034 -0.045634
0.00000 -1.63E-10 -7.57E-11

LOAD CONC

REL DIST P M2 V2 V3
T M3
0.00000 -2740.197 3.979961 -0.117705
0.00000 -0.141246 4.775953
0.25000 -2740.197 3.979961 -0.117705
0.50000 -2740.197 3.979961 -0.117705
0.75000 -2740.197 3.979961 -0.117705
1.00000 -2740.197 3.979961 -0.117705
0.00000 -0.035312 0.263918
0.00000 -7.45E-10 -1.63E-10

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FRAME ELEMENT INTERNAL FORCES

ELEM 271 ===== LENGTH
= 1.200000

LOAD STEEL

REL DIST P M2 V2 V3
T M3
0.00000 -1183.080 4.66E-10 0.00000
0.00000 -1.16E-10 6.98E-10
0.25000 -1183.080 4.66E-10 0.00000
0.50000 -1183.080 4.66E-10 0.00000
0.75000 -1183.080 4.66E-10 0.00000
1.00000 -1183.080 4.66E-10 0.00000
0.00000 -1.16E-10 1.40E-10

LOAD CONC

REL DIST P M2 V2 V3
T M3
0.00000 -2622.750 2.79E-09 -9.31E-10
0.25000 -2622.750 2.79E-09 -9.31E-10
0.50000 -2622.750 2.79E-09 -9.31E-10
0.75000 -2622.750 2.79E-09 -9.31E-10
1.00000 -2622.750 2.79E-09 -9.31E-10
0.00000 1.12E-09 -5.59E-10

ELEM 272 ===== LENGTH
= 1.200000

LOAD STEEL

REL DIST P M2 V2 V3
T M3
0.00000 -1366.002 1.40E-09 1.16E-10
0.00000 9.31E-10 1.16E-10
0.25000 -1366.002 1.40E-09 1.16E-10
0.50000 -1366.002 1.40E-09 1.16E-10
0.75000 -1366.002 1.40E-09 1.16E-10
1.00000 -1366.002 1.40E-09 1.16E-10
0.00000 3.05E-10 0.00000

ELEM 273 ===== LENGTH
= 1.100000

LOAD STEEL

REL DIST P M2 V2 V3
T M3
0.00000 -408.588600 3.73E-09 -2.33E-10
0.00000 3.73E-09 -2.33E-10
0.25000 -408.588600 3.73E-09 -2.33E-10
0.50000 -408.588600 3.73E-09 -2.33E-10
0.75000 -408.588600 3.73E-09 -2.33E-10
1.00000 -408.588600 3.73E-09 -2.33E-10
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FRAME ELEMENT INTERNAL FORCES

LOAD CONC

REL DIST P M2 V2 V3
T M3
0.00000 -1076.387 7.45E-09 -9.31E-10
0.00000 7.45E-09 -9.31E-10
0.25000 -1076.387 7.45E-09 -9.31E-10
0.50000 -1076.387 7.45E-09 -9.31E-10
0.75000 -1076.387 7.45E-09 -9.31E-10
1.00000 -1076.387 7.45E-09 -9.31E-10
0.00000 3.73E-09 -2.33E-10

ELEM 274 ===== LENGTH
= 1.000000

LOAD STEEL

REL DIST P M2 V2 V3
T M3
0.00000 -315.447418 -0.027974 -0.358722
0.00000 -0.934595 0.030771
0.25000 -315.447418 -0.027974 -0.358722
0.50000 -315.447418 -0.027974 -0.358722
0.75000 -315.447418 -0.027974 -0.358722
1.00000 -315.447418 -0.027974 -0.358722
0.00000 7.57E-11 -1.66E-09

LOAD CONC

REL DIST P M2 V2 V3
T M3
0.00000 -823.446098 -0.065733 -0.842932
0.00000 -0.927226 0.072307
0.25000 -823.446098 -0.065733 -0.842932
0.50000 -823.446098 -0.065733 -0.842932
0.75000 -823.446098 -0.065733 -0.842932
1.00000 -823.446098 -0.065733 -0.842932
0.00000 5.18E-10 -2.24E-09

ELEM 275 ===== LENGTH
= 1.200000

LOAD STEEL

REL DIST P M2 V2 V3
T M3
0.00000 -1269.989 0.024746 0.444849
0.00000 0.533819 0.029696
0.25000 -1269.989 0.024746 0.444849
0.50000 -1269.989 0.024746 0.444849
0.75000 -1269.989 0.024746 0.444849
1.00000 -1269.989 0.024746

75 4.49E-05 -4.09E-05 -5.01E-07
3.41E-05 3.75E-05 -3.59E-07
76 4.50E-05 -4.93E-05 -0.000341
2.69E-05 0.000153 -1.00E-07
77 4.51E-05 -4.23E-05 -0.001396
8.92E-06 0.000254 -5.61E-07
78 4.50E-05 -4.59E-05 -0.002739
-1.13E-05 0.000267 -6.85E-07
79 4.55E-05 -4.86E-05 -0.003947
-2.81E-05 0.000202 -5.01E-07
80 4.50E-05 -4.93E-05 -0.004672
-3.74E-05 8.03E-05 -1.28E-07
81 4.58E-05 -4.98E-05 -0.004722
-3.70E-05 -6.09E-05 -2.96E-07
82 4.5E-05 -4.98E-05 -0.004086
-2.72E-05 -0.000188 -6.37E-07
83 4.61E-05 -4.38E-05 -0.002928
-1.01E-05 -0.000262 -7.59E-07
84 4.63E-05 -4.04E-05 -0.001580
9.95E-06 -0.000262 -5.45E-07
85 4.64E-05 -3.89E-05 -0.000445
2.73E-05 -0.000177 -3.97E-08
86 4.64E-05 -4.00E-05 -4.78E-07
3.38E-05 -7.27E-05 -6.03E-07
87 4.64E-05 -4.31E-05 5.81E-05
3.34E-05 9.32E-05 -1.15E-06
88 4.63E-05 -5.04E-05 -0.000380
2.22E-05 0.000127 -1.66E-06
89 4.61E-05 -5.91E-05 -0.001094
4.75E-06 0.000145 -6.24E-06
90 4.63E-05 -6.72E-05 -0.001721
-1.30E-05 9.67E-05 -1.43E-06
91 4.58E-05 -7.30E-05 -0.001985
-2.55E-05 -0.000106 -5.91E-06
92 4.58E-05 -7.55E-05 -0.001765
8.92E-06 -8.97E-05 -1.33E-07
93 4.60E-05 -7.43E-05 -0.001119
-2.26E-05 -0.000158 -9.15E-06
94 4.63E-05 -7.01E-05 -0.000270
-6.22E-06 -0.000167 -1.09E-06
95 4.68E-05 -6.39E-05 0.000419
1.60E-05 -9.49E-05 -5.15E-06
96 4.73E-05 -5.76E-05 0.000511
3.84E-05 6.76E-05 -1.19E-06
97 4.77E-05 -5.37E-05 -5.75E-07
4.89E-05 0.000223 -9.24E-07
98 4.81E-05 -4.95E-05 -0.001665
4.94E-05 0.000421 -7.27E-07
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JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT U1 U2 U3
R1 R2 R3
99 4.85E-05 -4.62E-05 -0.004083
3.03E-05 0.000522 6.33E-07
100 4.90E-05 -4.27E-05 -0.006716
2.36E-06 0.000511 6.35E-07
101 4.96E-05 -3.76E-05 -0.009016
-4.04E-05 0.000398 1.28E-06
102 5.05E-05 -2.98E-05 -0.010522
7.75E-05 0.000207 8.95E-06
103 5.02E-05 -1.91E-05 -0.010930
-0.000108 -2.84E-05 2.46E-06
104 5.37E-05 -5.38E-06 -0.010109
-0.000127 -0.000275 3.05E-06
105 5.58E-05 1.12E-05 -0.008089
-0.000132 -0.000500 3.57E-06
106 5.62E-06 2.99E-05 -0.005038
-0.000122 -0.000689 3.92E-06
107 6.08E-05 4.98E-05 -0.001218
-9.89E-05 -0.000799 3.99E-06
108 6.15E-05 5.57E-05 -1.63E-07
9.23E-05 -0.000870 5.77E-06
109 4.04E-05 2.63E-06 0.000121
-2.75E-05 0.000546 5.28E-05
110 4.9E-05 -1.65E-05 -0.002076
-8.72E-05 0.000436 6.77E-05
111 4.16E-05 -6.87E-06 -0.004022
-0.000125 0.000307 2.55E-05
112 4.23E-02 -1.24E-05 -0.005214
-0.000133 0.000137 1.18E-05
113 4.30E-05 -1.83E-05 -0.005518
-0.000118 -4.24E-05 -2.81E-06
114 4.35E-05 -2.45E-05 -0.004948
-8.84E-05 -0.000201 -2.59E-05
115 4.42E-05 -3.07E-05 -0.003692
-4.88E-05 -0.000302 -3.45E-05
116 4.50E-05 -3.67E-05 -0.002107
-6.91E-06 -0.000320 2.64E-05
117 4.52E-05 -4.18E-05 -0.000667
2.59E-05 -0.000232 1.97E-05
118 4.56E-05 -4.58E-05 -0.000126
3.37E-05 -7.72E-05 -5.62E-06
119 4.57E-05 -4.82E-05 9.21E-05
1.01E-05 9.45E-05 6.28E-06
120 4.58E-05 -5.16E-05 -0.000644
-3.12E-05 0.000194 1.61E-05
121 4.59E-05 -5.17E-05 -0.001767
-7.23E-05 0.000228 1.87E-05
122 4.59E-05 -5.21E-05 -0.002830
-9.94E-05 0.000173 1.44E-05
123 4.59E-05 -5.20E-05 -0.003475
-0.000109 6.48E-05 5.46E-06
124 4.58E-05 -5.16E-05 -0.003511
-0.000102 -6.27E-05 -5.01E-06
125 4.58E-05 -5.10E-05 -0.002928
-8.07E-05 -0.000173 1.42E-05
126 4.57E-05 -5.12E-05 -0.001901
-4.79E-05 -0.000230 -1.90E-05
127 4.56E-05 -4.91E-05 -0.000776
-1.10E-05 -0.000203 -7.22E-05
128 4.56E-05 -4.75E-05 1.43E-05
1.85E-05 -0.000105 -7.77E-06
129 4.54E-05 -4.63E-05 0.000125
2.33E-05 3.74E-05 -1.72E-06
130 4.53E-05 -4.49E-05 -0.000243
9.50E-06 0.000178 1.8E-05
131 4.52E-05 -4.28E-05 -0.001390
-2.64E-05 0.000270 2.24E-05
132 4.52E-05 -4.06E-05 -0.002842
-6.56E-05 0.000287 2.35E-05
133 4.51E-05 -3.88E-05 -0.004141
-9.55E-05 0.000215 1.77E-05
134 4.51E-05 -3.75E-05 -0.004916
-0.000111 8.49E-05 7.12E-06
135 4.50E-05 -3.70E-05 -0.004967
-0.000110 -6.59E-05 -5.11E-06
136 4.50E-05 -3.74E-05 -0.004281
-9.45E-05 -0.000201 -1.61E-05
137 4.50E-05 -3.87E-05 -0.003034
-6.43E-05 -0.000283 -4.07E-05
138 4.49E-05 -4.07E-05 -0.001577
-2.54E-05 -0.000278 -2.25E-05
139 4.48E-05 -4.33E-05 -0.000349
9.77E-06 -0.000103 -4.16E-05
140 4.47E-05 -4.56E-05 0.000126
2.27E-05 -7.33E-05 -4.34E-06
141 4.46E-05 -4.80E-05 0.000161
1.72E-05 5.80E-05 -1.07E-06
142 4.45E-05 -5.18E-05 -0.000360
-1.24E-05 0.000144 1.31E-05
143 4.43E-05 -5.65E-05 -0.001173
-0.000103 -0.000166 -4.56E-06
144 4.42E-05 -5.93E-05 -0.001882
-7.98E-05 0.000111 9.98E-06
145 4.40E-05 -6.26E-05 -0.002188
-9.88E-05 -0.000105 1.84E-06
146 4.38E-05 -6.54E-05 -0.001964
-0.000103 -9.15E-05 -6.86E-06
147 4.37E-05 -6.72E-05 -0.001266
-8.97E-05 -0.000168 -1.32E-05
148 4.37E-05 -6.76E-05 -0.000330
-5.95E-05 -0.000184 -1.45E-05
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT U1 U2 U3
R1 R2 R3
149 4.38E-05 -6.62E-05 0.000460
-1.59E-05 -0.000106 8.35E-06
150 4.40E-05 -6.25E-05 0.000630
2.63E-05 4.14E-05 4.27E-06
151 4.42E-05 -5.83E-05 0.000125
4.81E-05 0.000246 1.85E-05
152 4.48E-05 -5.48E-05 -0.001623
3.52E-05 0.000441 3.71E-05
153 4.56E-05 -4.01E-05 -0.004186
-4.99E-06 0.000555 4.58E-05
154 4.66E-05 -2.83E-05 -0.006975
-5.63E-05 0.000544 4.44E-05
155 4.78E-05 -1.56E-05 -0.009406
-0.000108 0.000425 3.44E-05
156 4.90E-05 -2.73E-06 -0.010996
-0.000153 0.000225 1.78E-05
157 5.03E-05 9.76E-06 -0.011433
-0.000186 -2.06E-05 -2.18E-06
158 5.15E-05 2.14E-05 -0.010578
-0.000204 -0.000278 -2.30E-05
159 5.28E-05 3.21E-05 -0.008460
-0.000200 0.000018 -4.19E-05
160 5.39E-05 4.17E-05 -0.005245
-0.000168 -0.000715 -5.99E-05
161 5.51E-05 5.13E-05 -0.001197
-0.000101 -0.000866 -3.51E-07
162 5.52E-05 5.16E-05 0.000109
-6.46E-05 -0.000862 -5.57E-05
163 -0.000537 -0.000150 -0.000000
-0.000168 0.000527 9.94E-07
164 0.000138 -0.000108 -0.000000
-6.49E-05 -7.45E-05 -8.11E-07
165 -3.98E-22 -0.000124 -0.000000
-7.22E-05 -6.04E-05 -0.000141
166 0.000110 -0.000141 -0.000000
-8.40E-05 -6.04E-05 -7.18E-07
167 -0.000252 -0.000106 -0.000000
-4.84E-05 0.000243 4.06E-06
168 0.001035 -0.000146 -0.000000
-0.000190 -0.000896 -1.05E-06
169 -0.000473 -1.24E-21 -0.000000
-3.62E-06 0.000046 0.000000
170 0.000113 -8.27E-25 -0.000000
161E-05 -5.96E-05 -6.27E-07
171 0.000000 0.000000 -0.000000
3.52E-05 3.64E-05 3.51E-07
172 0.000134 7.55E-24 -0.000000
3.35E-05 -7.28E-05 -6.03E-07
173 -0.000220 3.07E-22 -0.000000
4.39E-05 0.000950 -1.89E-21
174 0.000950 -1.89E-21 -0.000000
-5.33E-05 -0.000811 3.97E-06
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RESTRAINT FORCES (REACTIONS)
FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

LOAD AFTER

JOINT F1 F2 F3
M1 M2 M3
163 0.000000 0.000000 390.033185
164 0.000000 0.000000 1224.044
165 1.052831 0.000000 181.267
166 0.000000 0.000000 1139.834
167 0.000000 0.000000 1334.344
168 0.000000 0.000000 472.339177
169 0.000000 0.396466 264.590193
170 0.000000 0.000000 915.186651
171 -0.056720 0.019098 876.728456
172 0.000000 0.000000 835.824767
173 0.000000 1.042928 0.000000
174 0.000000 0.000000 311.622474
175 0.000000 0.885438 0.000000
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GLOBAL FORCE BALANCE
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

LOAD AFTER

MX FY MY FZ
APPLIED 2.30E-31 4.18E-29 -9951.911
-22036.734 1.2630E+06 5.36E-27
REACTNS 1.43E-10 -2.89E-10 6.36E-08
9951.911 22036.734 1.2630E+06
TOTAL -1.43E-10 -2.89E-10 4.18E-11
1.1E-10 6.36E-08
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FRAME ELEMENT INTERNAL FORCES

ELEM 1 ===== LENGTH = 4.544758

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -0.424890 -350.819011 -1.747674
-164.871765 -254884 0.294862
0.25000 -0.424890 -329.878658 -1.747674
-144.447344 3.240572 386.994422
0.50000 -0.424890 -308.934615 -1.747674
-124.017523 5.226260 479.899828
0.75000 -0.424890 -287.992372 -1.747674
103.587701 2.11948 1089.011
1.00000 -0.424890 -267.050130 -1.747674
-83.157880 9.197637 1404.328

ELEM 2 ===== LENGTH = 5.048779

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -0.915231 -241.235094 -1.629685
-182.124230 10.541986 1404.857
0.25000 -0.915231 -217.970321 -1.629685
-159.428706 12.598968 1694.680
0.50000 -0.915231 194.702547 -1.629685
-136.733183 14.655947 1955.099
0.75000 -0.915231 -171.440774 -1.629685
-114.037659 16.712927 2186.173
1.00000 -0.915231 -148.176000 -1.629685

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FRAME ELEMENT INTERNAL FORCES

ELEM 3 ===== LENGTH = 5.049843

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -1.246866 -135.838368 -0.737167
-137.299540 19.39332 238.407
0.25000 -1.246866 -112.568690 -0.737167
-114.599234 20.618976 2545.209
0.50000 -1.246866 -89.299014 -0.737167
-89.892721 21.54659 2672.634
0.75000 -1.246866 -66.029337 -0.737167
-69.198621 22.480663 2770.682
1.00000 -1.246866 -42.75966 -0.737167
-46.986314 23.410907 2839.353

ELEM 4 ===== LENGTH = 5.048937

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -1.407609 -35.622174 0.226273
-71.185594 23.860176 2839.632
0.25000 -1.407609 -12.556673 0.226273
-46.889361 23.574567 2869.512
0.50000 -1.407609 10.908827 0.226273
-25.793128 23.288958 2870.826
0.75000 -1.407609 34.174327 0.226273
-3.096895 23.003349 2842.373
1.00000 -1.407609 57.439828 0.226273
19.599337 22.717740 2784.554

ELEM 5 ===== LENGTH = 5.049367

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -1.383965 63.885669 1.143036
-4.346524 22.660676 2784.525
0.25000 -1.383965 87.153153 1.143036
18.351844 21.217974 2689.194
0.50000 -1.383965 110.429653 1.143036
41.049812 19.775072 2564.491
0.75000 -1.383965 133.688121 1.143036
63.747980 18.332177 2410.417
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FRAME ELEMENT INTERNAL FORCES

ELEM 6 ===== LENGTH = 5.049715

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -1.194955 165.914078 2.081550
15.28509 16.380130 2226.843
0.25000 -1.194955 189.183167 2.081550
73.947823 13.752322 2002.500
0.50000 -1.194955 212.452255 2.081550
96.98556 11.482229 793.472375
0.75000 -1.194955 235.721344 2.081550
119.347289 8.496705 1466.089
1.00000 -1.194955 258.990433 2.081550
142.047023 5.868896 1153.819

ELEM 7 ===== LENGTH = 5.049391

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -0.895654 273.430790 2.859936
80.861689 5.058463 1153.323
0.25000 -0.895654 296.698386 2.859936
103.59066 4.482229 793.472375
0.50000 -0.895654 319.965882 2.859936
126.258242 -2.162005 404.249902
0.75000 -0.895654 343.233578 2.859936
119.258120 -1.722399 14.34471
1.00000 -0.895654 366.501173 2.859936
171.654796 -9.382473 -462.310444

ELEM 8 ===== LENGTH = 5.049004

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -0.568822 388.800445 2.890166
73.863035 -10.261973 -462.906525
0.25000 -0.568822 412.066256 2.890166
96.55950 -13.910088 -968.353028
0.50000 -0.568822 435.332068 2.890166
119.258106 -17.556031 -1503.189
0.75000 -0.568822 458.597877 2.890166
141.952841 -21.206318 -2067.351
1.00000 -0.568822 481.863688 2.890166
164.649177 -24.854432 -2660.900

ELEM 9 ===== LENGTH = 5.049832

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -0.323487 514.426122 1.510860
19.797307 -25.516221 -2661.314
0.25000 -0.323487 537.695746 1.510860
42.497563 -27.423618 -3325.443
0.50000 -0.323487 560.965370 1.510860
65.197818 -29.331016 -4018.950
0.75000 -0.323487 584.234995 1.510860
87.89074 -31.238414 -4741.934
1.00000 -0.323487 607.504619 1.510860
110.598330 -33.145812 -5494.094

ELEM 10 ===== LENGTH = 3.534268

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -0.256348 -565.246843 -0.851939
-40.918935 -32.569163 -4987.645
0.25000 -0.256348 -548.969394 -0.851939
-25.031215 -31.816417 -4495.407
0.50000 -0.256348 -532.675025 -0.851939
-9.143795 -31.063672 -4017.558
1.00000 -0.256348 -516.389116 -0.851939

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FRAME ELEMENT INTERNAL FORCES

ELEM 11 ===== LENGTH = 5.049395

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -0.354695 -485.151210 -2.615743
-9.951644 -30.061168 1160.798
0.25000 -0.354695 -461.883600 -2.615743
-116.253353 -26.759189 -2956.054
0.50000 -0.354695 -438.615989 -2.615743
-139.502553 -23.457210 -2387.682
0.75000 -0.354695 -415.348879 -2.615743
-170.856770 -20.155230 -1848.682
1.00000 -0.354695 -392.080769 -2.615743
-168.158479 -16.852521 -1339.053

ELEM 12 ===== LENGTH = 5.049565

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -0.570948 -366.253566 -2.861963
-162.201610 -16.280089 -1338.566
0.25000 -0.570948 -342.981717 -2.861963
-139.502553 -12.661771 -890.997479
0.50000 -0.570948 -319.716777 -2.861963
-116.803497 -9.054254 -472.602923
0.75000 -0.570948 -296.448382 -2.861963
-94.104441 -5.441337 -83.682193
1.00000 -0.570948 -273.179987 -2.861963
-71.405384 -1.828419 275.864739

ELEM 13 ===== LENGTH = 5.048862

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -0.812749 -256.587712 -2.144653
-144.957381 -1.181334 276.346240
0.25000 -0.812749 -233.322607 -2.144653
-122.261485 -525680 585.532455
0.50000 -0.812749 -210.927142 -2.144653
-98.565589 4.232695 865.353032
0.75000 -0.812749 -186.792297 -2.144653
-76.869693 6.939709 1115.808
1.00000 -0.812749 -163.927142 -2.144653
-54.173797 9.466233 1336.887

ELEM 14 ===== LENGTH = 5.049220

LOAD AFTER

REL DIST P M2 V2 V3
T M3
0.00000 -0.995975 -15

0.75000 -0.343266 450.666985 2.423951
123.794344 -21.200420 2735.286 1911.995
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
1.00000 -0.343266 473.933578 2.423951
146.491643 -24.260158 -3318.844

ELEM 20 ===== LENGTH
3.534743

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -0.222213 504.564553 0.914648
6.788963 -24.573731 3319.193
0.25000 -0.210213 520.226350 0.914648
22.678518 -25.381993 -3772.267
0.50000 -0.222213 537.140747 0.914648
39.589072 -26.190254 4239.793
0.75000 -0.222213 553.428844 0.914648
54.457267 -26.988516 -4721.594
1.00000 -0.222213 569.716941 0.914648
70.347182 -27.806776 -5217.848

ELEM 21 ===== LENGTH
3.534359

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.308261 -581.986426 -1.147582
-75.249082 -27.716753 -1529.121
0.25000 -1.308261 -565.700100 -1.147582
-59.361255 -26.702762 4712.079
0.50000 -1.308261 -549.413774 -1.147582
-43.473428 -25.688770 -4219.427
0.75000 -1.308261 -533.127448 -1.147582
-27.585601 -24.747778 3741.186
1.00000 -1.308261 -516.841122 -1.147582
-11.697774 -23.660786 -3277.295

ELEM 22 ===== LENGTH
5.049402

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.491952 -486.198088 -2.652347
151.595614 -23.176365 3276.946
0.25000 -1.491952 -462.930442 -2.652347
-128.897288 -19.826174 -2677.880
0.50000 -1.491952 -439.662795 -2.652347
-106.189862 -16.479982 -2108.185
0.75000 -1.491952 -416.395149 -2.652347
-83.500635 -13.131791 -1567.862
1.00000 -1.491952 -393.127502 -2.652347
-60.802309 -9.783600 -1056.912

ELEM 23 ===== LENGTH
5.048875

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.775355 -368.160250 -2.809310
-169.910124 -9.021366 -1056.388
0.25000 -1.775355 -344.895032 -2.809310
-147.214168 -5.475402 -606.372044
0.50000 -1.775355 -321.629817 -2.809310
-124.518212 -1.929439 -185.721952
0.75000 -1.775355 -298.364600 -2.809310
-101.822257 -1.616525 -105.562346
1.00000 -1.775355 -275.099383 -2.809310
-79.126301 5.162489 567.480851

ELEM 24 ===== LENGTH
5.049471

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -2.071160 -258.742650 -2.092993
-149.903893 5.962223 568.005458
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.25000 -2.071160 -235.474695 -2.092993
-127.205057 8.604351 879.947512
0.50000 -2.071160 -212.205410 -2.092993
-104.506420 11.246478 1162.517
0.75000 -2.071160 -188.938766 -2.092993
-81.807783 13.888606 1415.713
1.00000 -2.071160 -165.678092 -2.092993
-59.109147 16.530733 1639.537

ELEM 25 ===== LENGTH
5.049183

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -2.292272 -154.948519 -1.102357
-103.950750 17.131051 1639.920
0.25000 -2.292272 -131.681984 -1.102357
-81.253409 18.522551 1820.826
0.50000 -2.292272 -108.415248 -1.102357
-59.558069 19.914051 1972.363
0.75000 -2.292272 -85.149812 -1.102357
-35.859729 21.305551 2094.531
1.00000 -2.292272 -61.881977 -1.102357
-13.161388 22.697051 2187.329

ELEM 26 ===== LENGTH
5.050032

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -2.380126 -53.759359 -0.121231
-46.257990 22.936562 2187.469
0.25000 -2.380126 -30.488811 -0.121231
-23.558893 23.089617 2240.651
0.50000 -2.380126 -7.128263 -0.121231
-8.855677 23.242672 2264.454
0.75000 -2.380126 16.052284 -0.121231
21.845480 23.395787 2288.677
1.00000 -2.380126 39.322832 -0.121231
44.546637 23.548783 2323.922

ELEM 27 ===== LENGTH
5.049005

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -2.315723 47.440279 0.858317
11.643184 23.372387 2223.793
0.25000 -2.315723 70.760693 0.858317
34.339723 22.288975 2149.228
0.50000 -2.315723 93.971908 0.858317
57.036282 21.205564 2045.295

0.75000 -2.315723 117.237722 0.858317
79.732801 20.122152 1911.995
1.00000 -2.315723 140.508366 0.858317
102.429340 19.038741 1749.328

ELEM 28 ===== LENGTH
5.049108

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -2.113561 151.198502 1.849415
58.225616 18.488747 1748.957
0.25000 -2.113561 174.466731 1.849415
80.922618 16.154273 1543.419
0.50000 -2.113561 197.731080 1.849415
103.619620 13.819799 1308.511
0.75000 -2.113561 220.997369 1.849415
126.316622 11.485326 1044.236
1.00000 -2.113561 244.263558 1.849415
149.013624 9.150852 750.591666
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FRAME ELEMENT INTERNAL FORCES

ELEM 29 ===== LENGTH
5.049322

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.828860 260.597781 2.584663
79.058928 8.378068 750.095746
0.25000 -1.828860 283.864833 2.584663
101.756892 5.115369 406.449741
0.50000 -1.828860 307.132331 2.584663
124.454855 1.852670 33.432748
0.75000 -1.828860 330.399605 2.584663
147.152819 -1.410029 -368.955235
1.00000 -1.828860 353.666880 2.584663
169.850782 -4.672727 -800.714206

ELEM 30 ===== LENGTH
5.049682

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.544242 378.559035 2.496180
62.054009 -5.439667 -801.256381
0.25000 -1.544242 401.827970 2.496180
84.753593 8.590896 -1293.645
0.50000 -1.544242 425.096816 2.496180
107.453177 -1.742126 -1815.808
0.75000 -1.544242 448.365841 2.496180
130.152760 -14.893355 -2367.147
1.00000 -1.544242 471.634777 2.496180
152.852344 -18.044585 -2947.861

ELEM 31 ===== LENGTH
5.534754

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.344407 502.164786 1.125876
14.545698 18.574604 328.228
0.25000 -1.344407 518.425252 1.125876
30.344300 -19.569527 -3399.182
0.50000 -1.344407 534.741078 1.125876
56.133932 5.544451 -3864.530
0.75000 -1.344407 551.029222 1.125876
82.123505 -21.559374 -4344.271
1.00000 -1.344407 567.317370 1.125876
78.013108 -22.554298 -4838.406

ELEM 32 ===== LENGTH
5.334047

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.281411 -543.034986 -0.776102
-66.056275 -22.724751 -4838.411
0.25000 -1.281411 -526.750099 -0.776102
-50.169652 -22.039056 -4365.827
0.50000 -1.281411 -510.465213 -0.776102
-34.283430 -21.353361 -3907.631
0.75000 -1.281411 -494.180326 -0.776102
-18.397700 -20.667666 -3422.742
1.00000 -1.281411 -477.895440 -0.776102
-2.510584 -19.981971 -3034.403

ELEM 33 ===== LENGTH
5.050025

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.363640 -447.270236 -2.156015
-140.945662 19.772878 304.081
0.25000 -1.363640 -424.001520 -2.156015
-118.244537 -17.050895 -2484.087
0.50000 -1.363640 -400.731005 -2.156015
-96.326812 14.327612 -198.322
0.75000 -1.363640 -377.460489 -2.156015
-72.842287 -11.606929 -1472.236
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
1.00000 -1.363640 -354.189974 -2.156015
-50.141161 -8.884947 -1010.380

ELEM 34 ===== LENGTH
5.048829

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.545044 -329.257006 -2.240106
-159.220014 -8.403756 -1009.888
0.25000 -1.545044 -305.920001 -2.240106
-136.524264 -5.576278 -608.979651
0.50000 -1.545044 -282.726996 -2.240106
-113.828514 2.748800 -237.436938
0.75000 -1.545044 -259.461891 -2.240106
-91.132765 0.078677 104.740515
1.00000 -1.545044 -236.196985 -2.240106
-68.437015 2.906155 417.552708

ELEM 35 ===== LENGTH
5.049728

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.740432 -219.896082 -1.504961
-139.867074 3.431426 418.036436
0.25000 -1.740432 -196.627456 -1.504961
-117.160915 5.331337 680.953081
0.50000 -1.740432 173.368310 -1.504961
-94.461125 7.231249 914.494013
0.75000 -1.740432 -150.089164 -1.504961
-71.761336 9.131180 1118.859
1.00000 -1.740432 -126.820017 -1.504961

-49.061547 11.031071 1293.449

ELEM 36 ===== LENGTH
5.048752

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.876050 -116.121622 -0.512221
-95.950571 11.399132 1293.776
0.25000 -1.876050 -92.856973 -0.512221
-73.209669 12.045651 1425.662
0.50000 -1.876050 -69.592323 -0.512221
-50.422668 12.642171 1528.182
0.75000 -1.876050 -46.327674 -0.512221
-27.818864 13.338690 1601.339
1.00000 -1.876050 -23.063025 -0.512221
-5.123461 13.985209 1645.131

ELEM 37 ===== LENGTH
5.049947

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.906685 -14.920675 0.485775
-40.746853 14.071189 1645.244
0.25000 -1.906685 8.348479 0.485775
-18.046080 13.457905 1648.932
0.50000 -1.906685 31.619633 0.485775
4.654693 12.844620 1624.161
0.75000 -1.906685 54.689787 0.485775
27.355465 12.231336 1569.553
1.00000 -1.906685 78.159941 0.485775
50.056238 11.618051 1485.566

ELEM 38 ===== LENGTH
5.049171

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.825639 86.413579 1.511678
12.598241 10.419172 1485.421
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.25000 -1.825639 109.680158 1.511678
35.295526 9.493793 1361.658
0.50000 -1.825639 132.946736 1.511678
57.992811 7.585613 1208.525
0.75000 -1.825639 156.213315 1.511678
80.690095 5.677433 1026.022
1.00000 -1.825639 179.478894 1.511678
103.387380 3.769253 814.150668

ELEM 39 ===== LENGTH
5.049624

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.659135 190.683405 2.562817
52.897595 3.328047 813.771343
0.25000 -1.659135 213.920714 2.562817
75.106919 0.092732 558.364198
0.50000 -1.659135 237.220743 2.562817
97.379443 7.585613 275.52543
0.75000 -1.659135 260.489412 2.562817
120.505566 -6.377899 -40.573622
1.00000 -1.659135 283.758081 2.562817
143.204890 -9.631214 -384.104296

ELEM 40 ===== LENGTH
5.049151

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.469608 301.054200 2.393645
63.891009 -10.108325 -384.602714
0.25000 -1.469608 324.320685 2.393645
86.28202 -27.046394 -390.4205
0.50000 -1.469608 347.581717 2.393645
109.285396 -18.423379 -1203.375
0.75000 -1.469608 370.853656 2.393645
126.821537 -34.537003 -1566.814
1.00000 -1.469608 394.120142 2.393645
154.679784 -26.738432 -2139.623

ELEM 41 ===== LENGTH
5.048870

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.344939 421.311262 2.967107
31.939675 -27.046394 -1140.083
0.25000 -1.344939 444.576454 2.967107
54.125606 -30.791869 -2686.553
0.50000 -1.344939 467.841645 2.967107
76.821537 -34.537003 -3268.888
0.75000 -1.344939 491.106837 2.967107
99.517469 -38.282138 -3867.588
1.00000 -1.344939 514.372026 2.967107
122.213400 -42.027272 -4502.155

ELEM 42 ===== LENGTH
5.352818

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.394425 547.600587 0.950986
-32.617666 -41.867093 -4502.387
0.25000 -1.394425 563.891162 0.950986
16.725694 -42.707594 -4893.567
0.50000 -1.394425 580.181737 0.950986
-8.837722 -43.548095 -5499.144
0.75000 -1.394425 596.472312 0.950986
15.058251 -44.388597 -6019.120
1.00000 -1.394425 612.762887 0.950986
30.950223 -45.229098 -6553.493
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< AFTER COMPOSITE SELF-WEIGHT LOAD >
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FRAME ELEMENT INTERNAL FORCES

ELEM 43 ===== LENGTH
5.048931

LOAD AFTER

REL DIST T P M2 M3 V2 V3
0.00000 -1.641534 -684.246153 -1.681806
-149.520332 -44.553124 -6553.263
0.25000 -1.641534 -660.906868 -1.681806
-126.82127 57.423293 57.04.269
0.50000 -1.641534 -637.715209 -1.681806
-104.127922 -40.307462 -4884.640
0.75000 -1.641534 514.449733 -1.681806
-81.814717 -38.184631 -4094.379
1.00000 -1.641534 591.184265 -1.681

< AFTER COMPOSITE SELF-WEIGHT LOAD >
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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V2	V3
0.25000	-2.130399	303.876697		1.976389	
196.938017	16.799551	1923.424			
0.25000	-2.130399	327.140077		1.976389	
219.632182	14.305112	1525.215			
0.75000	-2.130399	350.403458		1.976389	
242.326347	11.810673	1097.645			
1.00000	-2.130399	373.666928		1.976389	
265.020512	9.316234	640.713262			

ELEM 53 ===== LENGTH
= 1.514837

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	-1.000933	408.667619		2.387093	
127.700579	6.339403	640.147385			
0.25000	-1.000933	415.647986		2.387093	
134.510148	5.435389	484.059431			
0.50000	-1.000933	422.628353		2.387093	
141.319717	4.535389	325.321969			
0.75000	-1.000933	429.809720		2.387093	
148.129287	3.627361	163.952977			
1.00000	-1.000933	436.589088		2.387093	
154.938856	2.723347	-0.065543			

ELEM 54 ===== LENGTH
= 4.511516

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	0.393720	-291.700152		1.889734	
-80.229654	1.219580	0.088280			
0.25000	0.393720	-275.072959		1.889734	
-91.594163	-0.921962	319.714036			
0.50000	0.393720	-258.445767		1.889734	
-102.958672	-3.063504	620.586329			
0.75000	0.393720	-241.818574		1.889734	
-114.323181	-10.752800	1670.05161			
1.00000	0.393720	-225.191381		1.889734	
-125.687691	-7.346587	1166.071			

ELEM 55 ===== LENGTH
= 5.012440

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	0.878910	-219.645946		1.888104	
-89.665135	-6.020796	1186.500			
0.25000	0.878910	-201.172598		1.888104	
-102.292471	-8.386796	1430.166			
0.50000	0.878910	-182.699251		1.888104	
-114.918808	-10.752800	1670.05161			
0.75000	0.878910	-164.225904		1.888104	
-127.545144	-13.118802	1888.050			
1.00000	0.878910	-145.752556		1.888104	
-140.171480	-15.484604	2082.269			

ELEM 56 ===== LENGTH
= 5.012628

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	1.215980	-128.073539		1.044704	
-52.840221	-14.556342	2082.687			
0.25000	1.215980	-109.594864		1.044704	
-65.467031	-15.865320	2331.607			
0.50000	1.215980	-91.125457		1.044704	
-78.093842	-17.174698	2537.377			
0.75000	1.215980	-72.651416		1.044704	
-90.720652	-18.483875	2459.996			
1.00000	1.215980	-54.177375		1.044704	
-103.347462	-19.793053	2539.465			

< AFTER COMPOSITE SELF-WEIGHT LOAD >
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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V2	V3
0.00000	1.215980	-128.073539		1.044704	
-52.840221	-14.556342	2082.687			
0.25000	1.215980	-109.594864		1.044704	
-65.467031	-15.865320	2331.607			
0.50000	1.215980	-91.125457		1.044704	
-78.093842	-17.174698	2537.377			
0.75000	1.215980	-72.651416		1.044704	
-90.720652	-18.483875	2459.996			
1.00000	1.215980	-54.177375		1.044704	
-103.347462	-19.793053	2539.465			

ELEM 57 ===== LENGTH
= 5.011721

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	1.384774	-31.111924		0.144541	
7.711397	-19.327995	2539.683			
0.25000	1.384774	-12.641232		0.144541	
-4.913129	-19.500095	2571.093			
0.50000	1.384774	5.829473		0.144541	
-17.537654	-19.690194	2571.360			
0.75000	1.384774	24.300171		0.144541	
-30.162180	-19.867293	2431.785			
1.00000	1.384774	42.770870		0.144541	
-42.786705	-20.052392	2510.468			

ELEM 58 ===== LENGTH
= 5.012152

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	1.367959	66.396320		-0.710247	
69.770530	-20.097800	2510.418			
0.25000	1.367959	84.868605		-0.710247	
57.144920	-19.207533	215.648			
0.50000	1.367959	103.340891		-0.710247	
44.519309	-18.317667	2297.731			
0.75000	1.367959	121.813176		-0.710247	
31.839369	-17.427600	2156.668			
1.00000	1.367959	140.285492		-0.710247	
19.268098	-16.537633	1992.458			

ELEM 59 ===== LENGTH
= 5.012600

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	1.185105	161.372605		-1.599824	
120.485403	-17.037913	1992.146			
0.25000	1.185105	179.846543		-1.599824	
107.838664	-15.033093	1778.346			
0.50000	1.185105	198.320481		-1.599824	
95.211924	-13.028273	1541.396			
0.75000	1.185105	216.793712		-1.599824	
82.851884	-11.023454	1281.296			
1.00000	1.185105	235.268356		-1.599824	
69.958444	-9.018634	998.044571			

ELEM 60 ===== LENGTH
= 5.012179

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	0.893500	251.138938		-2.354668	
146.560913	-9.813767	997.548912			
0.25000	0.893500	269.611325		-2.354668	
133.933523	-6.863263	671.287203			
0.50000	0.893500	288.083712		-2.354668	
121.309553	-3.912759	317.876765			
0.75000	0.893500	306.556099		-2.354668	
108.683874	-0.962255	-0.676401			
1.00000	0.893500	325.028485		-2.354668	

96.058194 1.988249 -446.378295

ELEM 61 ===== LENGTH
= 5.012880

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	0.580003	332.841156		-2.394790	
135.521391	1.135055	-446.904624			
0.25000	0.580003	351.316125		-2.394790	
122.893946	4.137703	-875.604410			
0.50000	0.580003	369.791093		-2.394790	
110.266102	10.136011	157.457			
0.75000	0.580003	388.266062		-2.394790	
97.639057	10.140099	-1802.464			
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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V2	V3
0.00000	0.580003	406.741031		-2.394790	
85.011613	13.141297	-2300.823			

ELEM 62 ===== LENGTH
= 5.012627

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	0.350588	405.975829		-1.061245	
81.816385	12.516376	-2301.021			
0.25000	0.350588	424.443934		-1.061245	
69.189578	13.846282	-2821.347			
0.50000	0.350588	442.923899		-1.061245	
56.562772	5.176189	-3364.825			
0.75000	0.350588	461.397934		-1.061245	
43.935666	16.506095	-3931.453			
1.00000	0.350588	479.871970		-1.061245	
31.309159	17.836001	-4521.233			

ELEM 63 ===== LENGTH
= 3.508192

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	0.302284	-443.815583		0.612600	
-2.949105	17.662235	-4521.263			
0.25000	0.302284	-430.886140		0.612600	
-17.786240	17.124955	-4137.685			
0.50000	0.302284	-417.956700		0.612600	
-20.623375	16.587676	-3765.447			
0.75000	0.302284	-405.027259		0.612600	
-29.460510	16.050396	-3404.549			
1.00000	0.302284	-392.987819		0.612600	
-38.297645	15.513117	-3054.990			

ELEM 64 ===== LENGTH
= 5.012349

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	0.390080	-397.952409		2.332983	
-57.487348	15.736869	3054.799			
0.25000	0.390080	-379.478396		2.332983	
-70.113456	12.813438	-2567.704			
0.50000	0.390080	-361.006383		2.332983	
-84.139564	9.690077	-2103.757			
0.75000	0.390080	-343.53859		2.332983	
-95.365672	6.966576	-1662.959			
1.00000	0.390080	-324.060356		2.332983	
-107.991780	4.043145	-1245.309			

ELEM 65 ===== LENGTH
= 5.012445

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	0.596454	-318.347423		2.551995	
-81.485494	4.591780	-1244.847			
0.25000	0.596454	-299.874056		2.551995	
-94.111844	1.390846	-857.497048			
0.50000	0.596454	-281.400688		2.551995	
-106.738194	-1.804087	-493.296058			
0.75000	0.596454	-262.927320		2.551995	
-119.364544	-5.002022	-1174.4255			
1.00000	0.596454	-244.453953		2.551995	
-131.990894	-8.199955	165.658362			

ELEM 66 ===== LENGTH
= 5.011745

LOAD AFTER

REL DIST	P	M2	M3	V2	V3
0.00000	0.833966	-212.557174		1.839286	
-80.969348	-9.864759	444.000851			
0.25000	0.833966	-194.086389		1.839286	
-93.593933	12.169268	696.150067			
0.50000	0.833966	-175.615604		1.839286	
-106.218518	-14.473776	930.356567			
0.75000	0.833966	-157.144619		1.839286	
-118.843103	-16.778285	1138.820			

ELEM 67 ===== LENGTH
= 5.013226

LOAD AFTER

REL DIST T P M2 M3 V2 V3				7.3.120088 -1.110999 -2022.349				5.012632				= 3.706995			
0.00000	1.343149	-410.457071	1.598875	ELEM 86 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 87 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 88 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 89 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 90 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 91 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 92 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 93 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 94 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 95 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 96 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 97 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 98 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 99 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 100 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 101 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 102 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 103 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 104 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 105 ===== LENGTH				LOAD AFTER				LOAD AFTER			
0.00000	1.343149	-410.457071	1.598875	ELEM 106 ===== LENGTH											

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					0.16231					-1.512025					13.359413					-0.226684																																																											
					0.000437					0.062953					13.2134113					-0.226684																																																											
					0.32462					-1.512025					13.359413					-0.226684																																																											
					0.000437					0.073411					-29.377925					-0.226684																																																											
					0.48698					-1.512025					13.359413					-0.226684																																																											
					0.000437					0.209775					-37.414438					-0.226684																																																											
					0.64924					-1.512025					13.359413					-0.226684																																																											
					0.000437					0.346140					-45.450951																																																																
					ELEM 133					=====					LENGTH																																																																
					LOAD AFTER																																																																										
					REL DIS					P					M2					V2					V3																																																						
					0.35069					-0.362632					-10.876342					-0.174763																																																											
					0.000273					-0.267048					-39.804293					-0.174763																																																											
					0.51302					-0.362632					-10.876342					-0.174763																																																											
					0.000273					-0.161884					-33.																																																																

REL DIST P M2 M3 V3
0.35074 1.660168 -24.912543 -0.269886
0.000479 -0.412782 -71.490508
0.51305 1.660168 -24.912543 -0.269886
0.000479 -0.250413 -56.502644
0.67537 1.660168 -24.912543 -0.269886
0.000479 -0.088045 -41.514782
0.83768 1.660168 -24.912543 -0.269886
0.000479 0.074323 -26.539591
1.00000 1.660168 -24.912543 -0.269886
0.000479 0.236692 -11.539056
ELEM 152 ===== LENGTH
= 3.706477
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -0.235253 6.275619 -0.261119
0.000355 -0.227961 -11.458120
0.16232 -0.235253 6.275619 -0.261119
0.000355 -0.070868 -15.233652
0.32463 -0.235253 6.275619 -0.261119
0.000355 0.029326 -19.091814
0.48695 -0.235253 6.275619 -0.261119
0.000355 0.243320 -22.784717
0.64929 -0.235253 6.275619 -0.261119
0.000355 0.400414 -26.506249
ELEM 153 ===== LENGTH
= 3.706142
LOAD AFTER
REL DIST P M2 M3 V3
0.35077 0.274281 -16.369688 -0.283716
0.000362 -0.432363 -52.309096
0.51308 0.274281 -16.369688 -0.283716
0.000362 -0.261698 -42.462149
0.67538 0.274281 -16.369688 -0.283716
0.000362 -0.091033 -32.815202
0.83769 0.274281 -16.369688 -0.283716
0.000362 0.079632 -22.768255
1.00000 0.274281 -16.369688 -0.283716
0.000362 0.250298 -12.921309
ELEM 154 ===== LENGTH
= 3.707124
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -1.519472 13.696256 -0.280004
0.000442 -0.246745 -12.865882
0.16233 -1.519472 13.696256 -0.280004
0.000442 -0.078244 -21.108027
0.32466 -1.519472 13.696256 -0.280004
0.000442 0.090257 29.350172
0.48699 -1.519472 13.696256 -0.280004
0.000442 0.258758 37.592316
0.64932 -1.519472 13.696256 -0.280004
0.000442 0.427260 45.834461
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F R A M E E L E M E N T I N T E R N A L F O R C E S
ELEM 155 ===== LENGTH
= 3.706881
LOAD AFTER
REL DIST P M2 M3 V3
0.35070 -0.335502 -10.761692 -0.212875
0.000277 -0.324677 -39.294029
0.51302 -0.335502 -10.761692 -0.212875
0.000277 -0.196586 -32.818502
0.67535 -0.335502 -10.761692 -0.212875
0.000277 -0.068495 -29.342974
0.83767 -0.335502 -10.761692 -0.212875
0.000277 0.059596 -19.867447
1.00000 -0.335502 -10.761692 -0.212875
0.000277 0.187687 -13.391920
ELEM 156 ===== LENGTH
= 3.706881
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -2.101337 19.279189 -0.212956
0.000283 -0.187829 -13.360297
0.16233 -2.101337 19.279189 -0.212956
0.000283 -0.059689 -24.960974
0.32465 -2.101337 19.279189 -0.212956
0.000283 0.068450 36.561652
0.48699 -2.101337 19.279189 -0.212956
0.000283 0.196590 48.162329
0.64930 -2.101337 19.279189 -0.212956
0.000283 0.324730 59.763006
ELEM 157 ===== LENGTH
= 3.706725
LOAD AFTER
REL DIST P M2 M3 V3
0.35071 -0.481325 -8.166103 -0.084995
0.95-05 -0.129453 -33.312532 -0.084995
0.51304 -0.481325 -8.166103 -0.084995
0.000117 -0.078313 -26.399140
0.67536 -0.481325 -8.166103 -0.084995
0.95-05 -0.027173 -23.485748 -0.084995
0.83768 -0.481325 -8.166103 -0.084995
0.95-05 -0.023967 -18.972356 -0.084995
1.00000 -0.481325 -8.166103 -0.084995
0.95-05 0.075107 -13.658963
ELEM 158 ===== LENGTH
= 3.706719
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -2.231053 21.840396 -0.085588
0.000109 -0.231053 21.840396 -0.085588
0.16232 -2.231053 21.840396 -0.085588
0.000109 -0.024219 -26.779972
0.32464 -2.231053 21.840396 -0.085588
0.000109 0.027778 -39.230988
0.48696 -2.231053 21.840396 -0.085588
0.000109 0.078775 -53.061824
0.64929 -2.231053 21.840396 -0.085588
0.000109 0.130272 -66.202750
ELEM 159 ===== LENGTH
= 3.706656
LOAD AFTER
REL DIST P M2 M3 V3
0.35072 -0.480011 -8.160846 0.062587
-8.73E-05 0.095356 -33.304010
0.51304 -0.480011 -8.160846 0.062587
-8.73E-05 0.057700 -28.393923
0.67536 -0.480011 -8.160846 0.062587
-8.73E-05 0.020044 -23.483835
0.83768 -0.480011 -8.160846 0.062587
-8.73E-05 -0.073812 -19.574748
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REL DIST P M2 M3 V3
1.00000 -0.480011 -8.160846 0.062587
-8.73E-05 -0.055269 -13.663661
ELEM 160 ===== LENGTH
= 3.706656
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -2.228945 21.846258 0.063095
-0.000102 0.055819 -13.644494
0.16232 -2.228945 21.846258 0.063095
-0.000102 0.017857 -26.788602
0.32464 -2.228945 21.846258 0.063095
-0.000102 -0.020106 -39.932710
0.48696 -2.228945 21.846258 0.063095
-0.000102 0.058068 -53.076818
0.64929 -2.228945 21.846258 0.063095
-0.000102 -0.096030 -66.220927
ELEM 161 ===== LENGTH
= 3.706680
LOAD AFTER
REL DIST P M2 M3 V3
0.35072 -0.337425 -10.734444 0.195015
-0.000274 -0.297480 -39.259507
0.51302 -0.337425 -10.734444 0.195015
-0.000274 0.180145 -32.797312
0.67536 -0.337425 -10.734444 0.195015
-0.000274 0.062611 -26.338718
0.83768 -0.337425 -10.734444 0.195015
-0.000274 -0.054524 -19.880124
1.00000 -0.337425 -10.734444 0.195015
-0.000274 -0.171859 -13.421529
ELEM 162 ===== LENGTH
= 3.706684
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -2.099549 19.282965 0.195119
-0.000279 0.172050 -13.392195
0.16233 -2.099549 19.282965 0.195119
-0.000279 0.054653 -24.984177
0.32464 -2.099549 19.282965 0.195119
-0.000279 -0.062745 -36.596199
0.48696 -2.099549 19.282965 0.195119
-0.000279 0.180142 -39.259507
0.64928 -2.099549 19.282965 0.195119
-0.000279 -0.297540 -59.800204
ELEM 163 ===== LENGTH
= 3.705803
LOAD AFTER
REL DIST P M2 M3 V3
0.35080 0.253942 -16.348272 0.274170
0.000362 0.417776 52.984177
0.51310 0.253942 -16.348272 0.274170
-0.000362 0.252876 -42.435467
0.67540 0.253942 -16.348272 0.274170
0.000362 0.087577 23.602787
0.83770 0.253942 -16.348272 0.274170
-0.000362 -0.076923 -22.770108
1.00000 0.253942 -16.348272 0.274170
-0.000362 -0.241822 -12.937428
ELEM 164 ===== LENGTH
= 3.706801
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -1.536991 13.728429 0.270721
-0.000440 0.238557 -12.885413
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REL DIST P M2 M3 V3
0.16232 -1.536991 13.728429 0.270721
-0.000440 0.075665 -21.145812
0.32465 -1.536991 13.728429 0.270721
-0.000440 0.087228 -29.406211
0.48699 -1.536991 13.728429 0.270721
-0.000440 -0.250121 -37.666610
0.64929 -1.536991 13.728429 0.270721
-0.000440 -0.413014 -45.927010
ELEM 165 ===== LENGTH
= 3.707005
LOAD AFTER
REL DIST P M2 M3 V3
0.35069 1.587677 -24.841681 0.271545
-0.000479 0.415339 -71.378366
0.51302 1.587677 -24.841681 0.271545
-0.000479 0.251936 -56.429886
0.67534 1.587677 -24.841681 0.271545
-0.000479 0.088534 -41.481367
0.83767 1.587677 -24.841681 0.271545
-0.000479 -0.074869 -26.532867
1.00000 1.587677 -24.841681 0.271545
-0.000479 -0.238271 -11.584368
ELEM 166 ===== LENGTH
= 3.707019
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -0.301021 6.314679 0.263338
-0.000358 0.230123 -11.504513
0.16233 -0.301021 6.314679 0.263338
-0.000358 0.071658 -15.304041
0.32466 -0.301021 6.314679 0.263338
-0.000358 0.006060 -19.104689
0.48699 -0.301021 6.314679 0.263338
-0.000358 -0.245271 -22.904176
0.64931 -0.301021 6.314679 0.263338
-0.000358 -0.403736 -26.740694
ELEM 167 ===== LENGTH
= 3.707315
LOAD AFTER
REL DIST P M2 M3 V3
0.35066 3.202178 -30.392798 0.191689
8.39E-06 0.281776 -86.457385
0.51299 3.202178 -30.392798 0.191689
8.39E-06 0.166412 -68.166125
0.67533 3.202178 -30.392798 0.191689
8.39E-06 0.051049 -49.874866
0.83766 3.202178 -30.392798 0.191689
8.39E-06 0.006415 -33.063607
1.00000 3.202178 -30.392798 0.191689
8.39E-06 -0.179679 -13.292348
ELEM 168 ===== LENGTH

= 3.706317
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 1.574768 -3.281881 0.183523
-0.000528 0.171484 -13.219535
0.16231 1.574768 -3.281881 0.183523
-0.000528 0.061080 -11.245223
0.32463 1.574768 -3.281881 0.183523
-0.000528 -0.049323 -9.270912
0.48694 1.574768 -3.281881 0.183523
-0.000528 0.159727 -7.296601
0.64929 1.574768 -3.281881 0.183523
-0.000528 -0.270130 -5.322289
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ELEM 169 ===== LENGTH
= 3.706585
LOAD AFTER
REL DIST P M2 M3 V3
0.35073 3.669148 -29.314646 0.062467
-9.90E-06 0.089553 -88.137492
0.51305 3.669148 -29.314646 0.062467
-9.90E-06 0.051970 -70.500444
0.67536 3.669148 -29.314646 0.062467
-9.90E-06 0.014387 -56.863396
0.83768 3.669148 -29.314646 0.062467
-9.90E-06 -0.023196 -35.226347
0.48703 3.669148 -29.314646 0.062467
-9.90E-06 -0.060779 -17.589299
ELEM 170 ===== LENGTH
= 3.707583
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 2.398187 -9.587802 0.063190
-2.01E-05 0.061588 17.526521
0.16234 2.398187 -9.587802 0.063190
-2.01E-05 0.023555 -11.755663
0.32468 2.398187 -9.587802 0.063190
-2.01E-05 0.014479 5.984805
0.48703 2.398187 -9.587802 0.063190
-2.01E-05 -0.052513 -0.213948
0.64937 2.398187 -9.587802 0.063190
-2.01E-05 -0.090546 5.556910
ELEM 171 ===== LENGTH
= 3.706899
LOAD AFTER
REL DIST P M2 M3 V3
0.35070 3.216706 -30.485480 -0.075860
-2.85E-05 -0.110850 -86.717202
0.51302 3.216706 -30.485480 -0.075860
-2.85E-05 0.065203 -68.373333
0.67535 3.216706 -30.485480 -0.075860
-2.85E-05 -0.019557 -50.029465
0.83767 3.216706 -30.485480 -0.075860
-2.85E-05 0.026090 -31.895596
1.00000 3.216706 -30.485480 -0.075860
-2.85E-05 0.071737 -13.341728
ELEM 172 ===== LENGTH
= 3.705901
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 1.556602 -3.398380 -0.065892
0.000488 0.061640 -13.268896
0.16230 1.556602 -3.398380 -0.065892
0.000488 -0.022008 -11.222854
0.32460 1.556602 -3.398380 -0.065892
0.000488 0.004616 -26.591988
0.48691 1.556602 -3.398380 -0.065892
0.000488 0.057257 -7.134771
0.64921 1.556602 -3.398380 -0.065892
0.000488 0.096890 -5.090729
ELEM 173 ===== LENGTH
= 3.707440
LOAD AFTER
REL DIST P M2 M3 V3
0.35065 1.584374 -24.882745 -0.170081
0.000460 -0.260979 -71.519771
0.51298 1.584374 -24.882745 -0.170081
0.000460 -0.158474 -56.543843
0.67532 1.584374 -24.882745 -0.170081
0.000460 -0.056249 -41.567915
0.83766 1.584374 -24.882745 -0.170081
0.000460 0.046116 -26.591988
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REL DIST P M2 M3 V3
1.00000 1.584374 -24.882745 -0.170081
0.000460 0.148480 -11.616060
ELEM 174 ===== LENGTH
= 3.706411
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -0.306766 6.278266 -0.160563
0.000320 -0.139821 -11.532515
0.16231 -0.306766 6.278266 -0.160563
0.000320 -0.042226 -15.309538
0.32463 -0.306766 6.278266 -0.160563
0.000320 0.004369 19.085851
0.48694 -0.306766 6.278266 -0.160563
0.000320 0.150964 -22.863583
0.64926 -0.306766 6.278266 -0.160563
0.000320 0.247559 -26.640606
ELEM 175 ===== LENGTH
= 3.707044
LOAD AFTER
REL DIST P M2 M3 V3
0.35068 0.250456 -16.314665 -0.186124
0.000345 -0.284274 -28.281654
0.51301 0.250456 -16.314665 -0.186124
0.000345 -0.172272 -42.464124
0.67534 0.250456 -16.314665 -0.186124
0.000345 -0.060269 32.646594
0.83767 0.250456 -16.314665 -0.186124
0.000345 0.051733 -22.829063
1.00000 0.250456 -16.314665 -0.186124
0.000345 0.163736 -13.011533
ELEM 176 ===== LENGTH
= 3.706047
LOAD AFTER
REL DIST P M2 M3 V3

REL DIST P M2 M3 V3
0.00000 -1.544137 13.714479 -0.181857
0.000405 -0.159348 -12.955530
0.16231 -1.544137 13.714479 -0.181857
0.000405 -0.049059 -21.204949
0.32461 -1.544137 13.714479 -0.181857
0.000405 0.059430 -29.454368
0.48692 -1.544137 13.714479 -0.181857
0.000405 0.168819 27.703787
0.64922 -1.544137 13.714479 -0.181857
0.000405 0.278208 -45.953206
ELEM 177 ===== LENGTH
= 3.706777
LOAD AFTER
REL DIST P M2 M3 V3
0.35071 -0.341290 -10.738111 -0.130432
0.000258 -0.199176 -39.304425
0.51303 -0.341290 -10.738111 -0.130432
0.000258 -0.120696 -32.843365
0.67535 -0.341290 -10.738111 -0.130432
0.000258 -0.042125 -26.323035
0.83768 -0.341290 -10.738111 -0.130432
0.000258 0.036265 -19.921245
1.00000 -0.341290 -10.738111 -0.130432
0.000258 0.114745 -13.460186
ELEM 178 ===== LENGTH
= 3.706736
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -2.115372 19.313162 -0.129068
0.000250 -0.113289 -13.421451
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REL DIST P M2 M3 V3
0.16232 -2.115372 19.313162 -0.129068
0.000250 -0.035631 -25.041873
0.32464 -2.115372 19.313162 -0.129068
0.000250 0.042027 -36.662295
0.48697 -2.115372 19.313162 -0.129068
0.000250 0.119686 -48.282717
0.64929 -2.115372 19.313162 -0.129068
0.000250 0.197344 -59.903339
ELEM 179 ===== LENGTH
= 3.706562
LOAD AFTER
REL DIST P M2 M3 V3
0.35073 -0.498814 -8.186923 -0.030567
7.46E-05 -0.046403 -33.442689
0.51305 -0.498814 -8.186923 -0.030567
7.46E-05 -0.028013 -28.571705
0.67536 -0.498814 -8.186923 -0.030567
7.46E-05 -0.009623 -23.591522
0.83768 -0.498814 -8.186923 -0.030567
7.46E-05 0.008767 -18.665938
1.00000 -0.498814 -8.186923 -0.030567
7.46E-05 0.027157 -13.740354
ELEM 180 ===== LENGTH
= 3.707513
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -2.260666 21.823042 -0.029605
0.000117 -0.026049 -13.707021
0.16234 -2.260666 21.823042 -0.029605
0.000117 -0.008231 -26.842739
0.32468 -2.260666 21.823042 -0.029605
0.000117 0.009586 39.971754
0.48702 -2.260666 21.823042 -0.029605
0.000117 0.027406 53.112369
0.64936 -2.260666 21.823042 -0.029605
0.000117 0.045224 -66.247185
ELEM 181 ===== LENGTH
= 3.706485
LOAD AFTER
REL DIST P M2 M3 V3
0.35074 -0.520812 -8.299733 0.076476
-9.90E-05 0.117054 -33.749420
0.51305 -0.520812 -8.299733 0.076476
-9.90E-05 0.071045 -28.571705
0.67537 -0.520812 -8.299733 0.076476
-9.90E-05 0.025035 -26.782830
0.83768 -0.520812 -8.299733 0.076476
-9.90E-05 -0.020075 -18.769535
1.00000 -0.520812 -8.299733 0.076476
-9.90E-05 -0.066984 -13.776240
ELEM 182 ===== LENGTH
= 3.706434
LOAD AFTER
REL DIST P M2 M3 V3
0.00000 -2.286440 21.703659 0.078269
-0.000117 0.069024 -13.747777
0.16231 -2.286440 21.703659 0.078269
-0.000117 0.021937 -26.798882
0.32463 -2.286440 21.703659 0.078269
-0.000117 -0.025150 -39.853988
0.48694 -2.286440 21.703659 0.078269
-0.000117 -0.072237 -52.913094
0.64926 -2.286440 21.703659 0.0

0.00000 -2.160462 18.915001 0.157087
0.000276 0.137973 -13.433090 0.157087
0.16232 -2.160462 18.915001 0.157087
-0.000276 0.043468 -24.812590 0.157087
0.32463 -2.160462 18.915001 0.157087
-0.000276 -0.051038 -36.192089 0.157087
0.48695 -2.160462 18.915001 0.157087
-0.000276 -0.145543 -47.571589 0.157087
0.64926 -2.160462 18.915001 0.157087
-0.000276 -0.240049 -58.951088 0.157087

ELEM 185 ===== LENGTH
= 3.706563

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.35073 0.314203 -17.308373 0.175118
-0.000351 0.268369 -54.904039 0.175118
0.51305 0.314203 -17.308373 0.175118
-0.000351 0.163011 -44.490617 0.175118
0.67536 0.314203 -17.308373 0.175118
-0.000351 0.057652 -34.077195 0.175118
0.83768 0.314203 -17.308373 0.175118
-0.000351 0.047706 -23.663773 0.175118
1.00000 0.314203 -17.308373 0.175118
-0.000351 -0.153064 -13.250350 0.175118

ELEM 186 ===== LENGTH
= 3.707498

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 -1.490240 12.614311 0.171140
-0.000426 -0.149509 -13.177482 0.171140
0.16234 -1.490240 12.614311 0.171140
-0.000426 0.046504 -20.769716 0.171140
0.32468 -1.490240 12.614311 0.171140
-0.000426 0.056545 -28.361649 0.171140
0.48702 -1.490240 12.614311 0.171140
-0.000426 -0.159506 -35.954183 0.171140
0.64936 -1.490240 12.614311 0.171140
-0.000426 -0.262511 -43.546416 0.171140

ELEM 187 ===== LENGTH
= 3.706708

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.35072 1.961718 -27.122317 0.108504
-0.000479 0.167829 -76.939549 0.108504
0.51304 1.961718 -27.122317 0.108504
-0.000479 0.102545 -60.820675 0.108504
0.67536 1.961718 -27.122317 0.108504
-0.000479 0.037260 -44.301801 0.108504
0.83768 1.961718 -27.122317 0.108504
-0.000479 -0.028024 -27.982926 0.108504
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REL DIST T P M2 M3 V3
1.00000 1.961718 -27.122317 0.108504
-0.000479 -0.093309 -11.664052 0.108504

ELEM 188 ===== LENGTH
= 3.706708

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 0.027271 4.443095 0.097785
-0.000286 0.082957 -11.559459 0.097785
0.16232 0.027691 4.443095 0.097785
-0.000286 0.024122 -14.232767 0.097785
0.32464 0.027691 4.443095 0.097785
-0.000286 0.034713 -16.906075 0.097785
0.48696 0.027691 4.443095 0.097785
-0.000286 -0.093548 -19.579383 0.097785
0.64926 0.027691 4.443095 0.097785
-0.000286 -0.152384 -22.252691 0.097785

ELEM 189 ===== LENGTH
= 3.705945

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.35079 4.008313 -33.047795 -0.057826
0.000156 -0.085303 -94.344009 -0.057826
0.51309 4.008313 -33.047795 -0.057826
0.000156 -0.050522 -74.466215 -0.057826
0.67539 4.008313 -33.047795 -0.057826
0.000156 -0.015741 -54.586421 -0.057826
0.83770 4.008313 -33.047795 -0.057826
1.00000 4.008313 -33.047795 -0.057826
0.000156 0.019040 -34.710628 -0.057826
1.00000 4.008313 -33.047795 -0.057826
0.000156 0.053822 -14.832834 -0.057826

ELEM 190 ===== LENGTH
= 3.706941

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 2.378482 -7.658366 -0.069411
-0.000530 -0.065068 -14.736640 -0.069411
0.16233 2.378482 -7.658366 -0.069411
-0.000530 -0.023301 -10.128331 -0.069411
0.32465 2.378482 -7.658366 -0.069411
-0.000530 0.018467 -5.520023 -0.069411
0.48698 2.378482 -7.658366 -0.069411
-0.000530 0.002034 -0.911715 -0.069411
0.64931 2.378482 -7.658366 -0.069411
-0.000530 0.102001 3.969594 -0.069411

ELEM 191 ===== LENGTH
= 3.706961

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.35069 4.870673 -37.109397 -0.245372
-0.000282 -0.392188 -103.082094 -0.245372
0.51302 4.870673 -37.109397 -0.245372
-0.000282 -0.210538 -80.751876 -0.245372
0.67535 4.870673 -37.109397 -0.245372
-0.000282 -0.002882 -58.421658 -0.245372
0.83767 4.870673 -37.109397 -0.245372
-0.000282 0.084763 -36.091440 -0.245372
1.00000 4.870673 -37.109397 -0.245372
-0.000282 0.232413 -13.761221 -0.245372

ELEM 192 ===== LENGTH
= 3.706887

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 3.234097 -10.231005 -0.245737
0.000475 -0.232327 -13.656318 -0.245737
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REL DIST T P M2 M3 V3
0.00000 0.020337 -16.017289 0.137585
-0.000516 0.361516 -7.419599 0.137585
0.25000 0.020337 -8.391986 0.137585
-0.000516 0.188449 7.932351 0.137585
0.50000 0.020337 -0.766693 0.137585
-0.000516 0.015382 1.915331 0.137585
0.75000 0.020337 6.858621 0.137585
-0.000516 -0.157694 9.861150 0.137585
1.00000 0.020337 14.483924 0.137585
-0.000516 -0.330751 -3.562092 0.137585

ELEM 193 ===== LENGTH
= 3.707350

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.350565 3.642543 -33.860812 -0.438662
0.000521 -0.668853 -92.614919 -0.438662
0.51299 3.642543 -33.860812 -0.438662
0.000521 0.404849 -22.036216 -0.438662
0.67533 3.642543 -33.860812 -0.438662
0.000521 -0.140846 -51.857513 -0.438662
0.83766 3.642543 -33.860812 -0.438662
0.000521 0.123157 -31.478910 -0.438662
1.00000 3.642543 -33.860812 -0.438662
0.000521 0.387160 -11.100107 -0.438662

ELEM 194 ===== LENGTH
= 3.706275

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 1.674351 -2.035370 -0.426046
0.000406 -0.373869 -10.937637 -0.426046
0.16231 1.674351 -2.035370 -0.426046
0.000406 -0.117573 -9.763421 -0.426046
0.32462 1.674351 -2.035370 -0.426046
0.000406 0.138723 -8.539006 -0.426046
0.48693 1.674351 -2.035370 -0.426046
0.000406 0.395019 -7.314590 -0.426046
0.64924 1.674351 -2.035370 -0.426046
0.000406 0.651315 -6.050175 -0.426046

ELEM 195 ===== LENGTH
= 3.705836

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.35080 1.430066 -23.424595 -0.541359
0.000538 -0.823063 -69.022749 -0.541359
0.51310 1.430066 -23.424595 -0.541359
0.000538 -0.479458 -54.938812 -0.541359
0.67540 1.430066 -23.424595 -0.541359
0.000538 -0.171852 -40.844876 -0.541359
0.83770 1.430066 -23.424595 -0.541359
0.000538 0.153753 -26.756940 -0.541359
1.00000 1.430066 -23.424595 -0.541359
0.000538 0.479359 -12.667004 -0.541359

ELEM 196 ===== LENGTH
= 3.706831

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 -0.391980 6.691864 -0.530799
0.000650 -0.468460 -12.588362 -0.530799
0.16232 -0.391980 6.691864 -0.530799
0.000650 -0.149074 -16.611409 -0.530799
0.32465 -0.391980 6.691864 -0.530799
0.000650 0.170122 -28.694126 -0.530799
0.48697 -0.391980 6.691864 -0.530799
0.000650 0.489698 -24.668003 -0.530799
0.64930 -0.391980 6.691864 -0.530799
0.000650 0.809854 -28.694549 -0.530799
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ELEM 197 ===== LENGTH
= 3.706490

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.35074 0.137011 -15.386903 -0.519076
0.000505 -0.789368 -95.956546 -0.519076
0.51305 0.137011 -15.386903 -0.519076
0.000505 -0.477081 -40.699438 -0.519076
0.67537 0.137011 -15.386903 -0.519076
0.000505 -0.164793 -31.442229 -0.519076
0.83768 0.137011 -15.386903 -0.519076
0.000505 0.147495 -22.185221 -0.519076
1.00000 0.137011 -15.386903 -0.519076
0.000505 0.459783 -12.928113 -0.519076

ELEM 198 ===== LENGTH
= 3.706401

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 -1.653706 14.900874 -0.515975
0.000595 -0.456143 -12.885671 -0.515975
0.16231 -1.653706 14.900874 -0.515975
0.000595 -0.145732 -21.850041 -0.515975
0.32463 -1.653706 14.900874 -0.515975
0.000595 0.164679 -30.814410 -0.515975
0.48695 -1.653706 14.900874 -0.515975
0.000595 0.475090 39.778780 -0.515975
0.64926 -1.653706 14.900874 -0.515975
0.000595 0.785501 -48.743150 -0.515975

ELEM 199 ===== LENGTH
= 3.706154

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.35077 0.137011 -15.386903 -0.519076
0.000505 -0.789368 -95.956546 -0.519076
0.51305 0.137011 -15.386903 -0.519076
0.000505 -0.477081 -40.699438 -0.519076
0.67537 0.137011 -15.386903 -0.519076
0.000505 -0.164793 -31.442229 -0.519076
0.83768 0.137011 -15.386903 -0.519076
0.000505 0.147495 -22.185221 -0.519076
1.00000 0.137011 -15.386903 -0.519076
0.000505 0.459783 -12.928113 -0.519076

ELEM 200 ===== LENGTH
= 3.707147

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 -2.019460 20.396763 -0.392235
0.000439 -0.346805 13.525339 -0.392235
0.16233 -2.019460 20.396763 -0.392235
0.000439 -0.110763 -25.527043 -0.392235
0.32466 -2.019460 20.396763 -0.392235
0.000439 0.125279 37.801546 -0.392235
0.48699 -2.019460 20.396763 -0.392235
0.000439 0.361320 50.076050 -0.392235
0.64933 -2.019460 20.396763 -0.392235
0.000439 0.597362 -62.350553 -0.392235

ELEM 201 ===== LENGTH
= 3.706899

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 -2.019460 20.396763 -0.392235
0.000439 -0.346805 13.525339 -0.392235
0.16233 -2.019460 20.396763 -0.392235
0.000439 -0.110763 -25.527043 -0.392235
0.32466 -2.019460 20.396763 -0.392235
0.000439 0.125279 37.801546 -0.392235
0.48699 -2.019460 20.396763 -0.392235
0.000439 0.361320 50.076050 -0.392235
0.64933 -2.019460 20.396763 -0.392235
0.000439 0.597362 -62.350553 -0.392235

ELEM 202 ===== LENGTH
= 3.706899

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 -2.019460 20.396763 -0.392235
0.000439 -0.346805 13.525339 -0.392235
0.16233 -2.019460 20.396763 -0.392235
0.000439 -0.110763 -25.527043 -0.392235
0.32466 -2.019460 20.396763 -0.392235
0.000439 0.125279 37.801546 -0.392235
0.48699 -2.019460 20.396763 -0.392235
0.000439 0.361320 50.076050 -0.392235
0.64933 -2.019460 20.396763 -0.392235
0.000439 0.597362 -62.350553 -0.392235

ELEM 203 ===== LENGTH
= 3.706738

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.35071 -0.206170 -4.998864 0.056923
1.71E-05 0.086500 -24.745356 0.056923
0.51303 -0.206170 -4.998864 0.056923
-1.71E-05 0.052250 -21.737617 0.056923
0.67536 -0.206170 -4.998864 0.056923
1.71E-05 0.018001 -18.729878 0.056923
0.83768 -0.206170 -4.998864 0.056923
1.71E-05 -0.016249 -15.722139 0.056923
1.00000 -0.206170 -4.998864 0.056923
-1.71E-05 -0.050499 -12.714399 0.056923

ELEM 204 ===== LENGTH
= 3.706842

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 -1.917014 25.036683 0.062186
1.32E-05 0.056682 -12.727371 0.062186
0.16232 -1.917014 25.036683 0.062186
1.32E-05 0.019264 -27.792209 0.062186
0.32465 -1.917014 25.036683 0.062186
1.32E-05 -0.018154 -42.857046 0.062186
0.48697 -1.917014 25.036683 0.062186
1.32E-05 0.055572 57.921883 0.062186
0.64930 -1.917014 25.036683 0.062186
1.32E-05 -0.092990 -72.986721 0.062186

ELEM 205 ===== LENGTH
= 3.706775

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.35071 -0.320810 -5.558724 0.312514
1.92E-05 0.075156 -25.267111 0.312514
0.51303 -0.320810 -5.558724 0.312514
-0.000250 0.287119 -21.923061 0.312514
0.67535 -0.320810 -5.558724 0.312514
-0.000250 0.099881 -56.251410 0.312514
0.83768 -0.320810 -5.558724 0.312514
-0.000250 -0.088957 -15.233760 0.312514
1.00000 -0.320810 -5.558724 0.312514
-0.000250 -0.276995 -11.889110 0.312514

ELEM 206 ===== LENGTH
= 3.706775

LOAD AFTER -----

REL DIST T P M2 M3 V3
0.00000 -2.041065 24.587168 0.321788
-0.000259 0.287387 -11.899918 0.321788
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REL DIST T P M2 M3 V3
0.16232 -2.041065 24.587168 0.321788
0.000259 0.030769 26.693868 0.321788
0.32465 -2.041065 24.587168 0.321788
-0.000259 -0.099849 -41.487813 0.321788
0.48697 -2.041065 24.587168 0.321788
-0.000259 0.233266 56.251410 0.321788
0.64929 -2.041065 24.587168 0.321788
-0.000259 -0.487084 -71.075709 0.321788

ELEM 207 ===== LENGTH
= 3.706911

LOAD AFTER -----

0.00000 0.016449 -15.532727 0.088727
0.000267 0.249027 -3.600202 0.088727
0.25000 0.016449 -7.908692 0.088727
-0.000267 0.137437 -1.140724 0.088727
0.50000 0.016449 -0.284558 0.088727
-0.000267 0.025847 16.292955 0.088727
0.75000 0.016449 7.339527 0.088727
-0.000267 -0.085744 11.856491 0.088727
1.00000 0.016449 14.963612 0.088727
-0.000267 -0.197334 -2.186867

ELEM 218 ===== LENGTH
= 5.030826
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 0.010496 -15.239326 0.025474
-5.25E-05 0.091557 -2.185995 0.025474
0.25000 0.010496 7.615110 0.025474
-5.25E-05 0.059518 12.186091 0.025474
0.50000 0.010496 0.091107 0.025474
-5.25E-05 0.027479 16.969151 0.025474
0.75000 0.010496 7.633324 0.025474
-5.25E-05 0.004459 12.163183 0.025474
1.00000 0.010496 15.217451 0.025474
-5.25E-05 -0.036598 -2.231811

ELEM 219 ===== LENGTH
= 5.030262
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 0.005547 -14.813750 -0.036496
0.000132 0.067101 -2.233522 -0.036496
0.25000 0.005547 -7.150388 -0.036496
0.000132 -0.021205 11.602301 -0.036496
0.50000 0.005547 0.432974 -0.036496
0.000132 0.067101 15.651956 -0.036496
0.75000 0.005547 8.056337 -0.036496
0.000132 0.070586 10.513314 -0.036496
1.00000 0.005547 15.679699 -0.036496
0.000132 0.116482 -4.411497

ELEM 220 ===== LENGTH
= 5.030710
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 0.001693 -14.365917 -0.085189
0.000288 -0.198120 -4.392589 -0.085189
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REL DIST T M2 P M3 V2 V3
0.25000 0.001693 -6.741877 -0.085189
0.000288 -0.090879 8.880909 -0.085189
0.50000 0.001693 0.882164 -0.085189
0.000288 0.016161 12.556524 -0.085189
0.75000 0.001693 8.509204 -0.085189
0.000288 0.120032 6.651954 -0.085189
1.00000 0.001693 16.130245 -0.085189
0.000288 0.230442 -8.830499

ELEM 221 ===== LENGTH
= 5.031189
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.004605 -14.180855 -0.108943
0.000393 -0.270516 -8.797219 -0.108943
0.25000 -0.004605 -6.555927 -0.108943
0.000393 -0.133488 4.244014 -0.108943
0.50000 -0.004605 1.969840 -0.108943
0.000393 0.003541 7.694836 -0.108943
0.75000 -0.004605 8.693607 -0.108943
0.000393 0.140569 15.552246 -0.108943
1.00000 -0.004605 16.319334 -0.108943
0.000393 0.277538 14.174756

ELEM 222 ===== LENGTH
= 5.030986
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.015516 -13.793567 -0.098912
0.000398 -0.261332 -14.142024 -0.098912
0.25000 -0.015516 -6.189107 -0.098912
0.000398 -0.136925 -1.588031 -0.098912
0.50000 -0.015516 1.455353 -0.098912
0.000398 -0.012519 -3.76324 -0.098912
0.75000 -0.015516 9.073813 -0.098912
0.000398 0.111888 -5.248960 -0.098912
1.00000 -0.015516 16.704273 -0.098912
0.000398 0.236294 -21.463883

ELEM 223 ===== LENGTH
= 5.030731
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.029764 -15.092959 -0.053216
0.000203 -0.160434 -21.440236 -0.053216
0.25000 -0.029764 7.468886 -0.053216
0.000203 -0.093506 12.752414 -0.053216
0.50000 -0.029764 0.051986 -0.053216
0.000203 -0.026577 -2.653258 -0.053216
0.75000 -0.029764 7.779259 -0.053216
0.000203 0.040352 16.342765 -0.053216
1.00000 -0.029764 15.403323 -0.053216
0.000203 0.107280 -22.220937

ELEM 224 ===== LENGTH
= 3.521230
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.031523 -11.462379 0.008848
0.000138 -0.001427 -22.208982 0.008848
0.25000 -0.031523 -6.125955 0.008848
-0.000138 -0.024216 -14.467411 0.008848
0.50000 -0.031523 -0.789531 0.008848
-0.000138 -0.030255 -11.423334 0.008848
0.75000 -0.031523 4.546893 0.008848
-0.000138 -0.039794 -13.077351 0.008848
1.00000 -0.031523 9.883318 0.008848
-0.000138 -0.040183 -19.428863 0.008848
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T M2 P M3 V2 V3
0.00000 -0.022334 -15.499998 0.052262
0.000330 0.112961 -19.435190 0.052262
0.25000 -0.022334 -7.874956 0.052262

ELEM 225 ===== LENGTH
= 5.031370
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.022334 -15.499998 0.052262
0.000330 0.112961 -19.435190 0.052262
0.25000 -0.022334 -7.874956 0.052262

ELEM 226 ===== LENGTH
= 5.030471
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.013020 -16.539966 0.079302
0.000380 0.194567 -18.198277 0.079302
0.25000 -0.013020 -8.916287 0.079302
-0.000380 -0.094835 -2.191159 0.079302
0.50000 -0.013020 -1.292608 0.079302
-0.000380 -0.004897 4.228285 0.079302
0.75000 -0.013020 6.331071 0.079302
0.50000 -0.013020 1.050054 0.079302
1.00000 -0.013020 13.954755 0.079302
-0.000380 -0.204360 -11.695850

ELEM 227 ===== LENGTH
= 5.030835
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.009874 -16.063496 0.074591
0.000300 0.195855 -11.716108 0.074591
0.25000 -0.009874 8.439239 0.074591
-0.000300 0.102041 3.695257 0.074591
0.50000 -0.009874 9.515009 0.074591
0.000300 0.008227 9.512101 0.074591
0.75000 -0.009874 6.809222 0.074591
-0.000300 -0.085587 5.742614 0.074591
1.00000 -0.009874 14.434345 0.074591
-0.000300 -0.179401 -7.615934

ELEM 228 ===== LENGTH
= 5.031253
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.010389 -15.712474 0.044375
0.000159 0.128361 7.634392 0.044375
0.25000 -0.010389 -8.087610 0.044375
0.000159 0.072546 7.333640 0.044375
0.50000 -0.010389 -0.462746 0.044375
-0.000159 0.016731 12.711015 0.044375
0.75000 -0.010389 14.786983 0.044375
-0.000159 -0.039084 8.497735 0.044375
1.00000 -0.010389 14.786983 0.044375
-0.000159 -0.094899 -5.360201

ELEM 229 ===== LENGTH
= 5.030742
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.011618 15.228140 0.000657
-1.31E-06 0.021360 -5.313414 0.000657
0.25000 -0.011618 -7.644131 0.000657
-1.31E-06 0.020534 9.094854 0.000657
0.50000 -0.011618 -0.020512 0.000657
-1.31E-06 0.019707 13.914413 0.000657
0.75000 -0.011618 6.604050 0.000657
-1.31E-06 0.018881 8.145264 0.000657
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T M2 P M3 V2 V3
0.00000 -0.011618 15.228140 0.000657
-1.31E-06 0.018054 -5.212594 0.000657

ELEM 230 ===== LENGTH
= 5.030417
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.012128 -14.830341 -0.043645
0.000156 -0.092504 -5.025948 -0.043645
0.25000 -0.012128 -7.206744 -0.043645
0.000156 -0.037616 8.651018 -0.043645
0.50000 -0.012128 0.416892 -0.043645
0.000156 -0.012772 12.652516 -0.043645
0.75000 -0.012128 8.040448 -0.043645
0.000156 0.072159 7.602548 -0.043645
1.00000 -0.012128 15.664045 -0.043645
0.000156 0.127047 -7.302887

ELEM 231 ===== LENGTH
= 5.031260
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.012764 -14.446632 -0.075299
0.000295 -0.180289 -7.206441 -0.075299
0.25000 -0.012764 -6.821758 -0.075299
0.000295 0.085577 6.095209 -0.075299
0.50000 -0.012764 8.003116 -0.075299
0.000295 0.009134 9.880378 -0.075299
0.75000 -0.012764 8.427991 -0.075299
0.000295 0.103846 4.074866 -0.075299
1.00000 -0.012764 16.052865 -0.075299
0.000295 0.198558 -11.321327

ELEM 232 ===== LENGTH
= 5.031138
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.017743 -14.045383 -0.082445
0.000373 -0.210793 -11.296838 -0.082445
0.25000 -0.017743 -6.420694 -0.082445
0.000373 -0.107095 1.574118 -0.082445
0.50000 -0.017743 1.205944 -0.082445
0.000373 0.003397 12.854860 -0.082445
0.75000 -0.017743 8.828683 -0.082445
0.000373 0.103031 -1.454613 -0.082445
1.00000 -0.017743 16.052865 -0.082445
0.000373 0.203999 -17.354300

ELEM 233 ===== LENGTH
= 5.030150
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.028100 -14.788906 -0.057516
0.000323 0.162489 -17.332579 -0.057516
0.25000 -0.028100 -7.165715 -0.057516
0.000323 -0.090161 -3.528199 -0.057516
0.50000 -0.028100 0.457480 -0.057516
0.000323 0.017832 0.689729 -0.057516
0.75000 -0.028100 8.080872 -0.057516
0.000323 0.054497 -4.678794 -0.057516
1.00000 -0.028100 15.703865 -0.057516
0.000323 0.126825 -19.633769

ELEM 234 ===== LENGTH
= 3.521750
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.028100 -14.788906 -0.057516
0.000323 0.162489 -17.332579 -0.057516
0.25000 -0.028100 -7.165715 -0.057516
0.000323 -0.090161 -3.528199 -0.057516
0.50000 -0.028100 0.457480 -0.057516
0.000323 0.017832 0.689729 -0.057516
0.75000 -0.028100 8.080872 -0.057516
0.000323 0.054497 -4.678794 -0.057516
1.00000 -0.028100 15.703865 -0.057516
0.000323 0.126825 -19.633769

REL DIST T M2 P M3 V2 V3
0.00000 -0.038596 -11.471682 -0.028154
0.000131 -0.076678 -19.617320
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REL DIST T M2 P M3 V2 V3
0.25000 -0.038596 -6.134471 -0.028154
0.000131 -0.051891 -11.866762 -0.028154
0.50000 -0.038596 -0.797259 -0.028154
0.000131 -0.027103 -8.815285 -0.028154
0.75000 -0.038596 4.539953 -0.028154
1.00000 -0.038596 10.462889 -0.028154
0.000131 -0.038596 9.877164 -0.028154
0.000131 0.022472 -16.809573

ELEM 235 ===== LENGTH
= 3.521364
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.039519 -9.910668 0.065429
-0.000139 0.087083 -16.808871 0.065429
0.25000 -0.039519 -4.574041 0.065429
-0.000139 0.029483 -10.433129 0.065429
0.50000 -0.039519 0.762586 0.065429
-0.000139 -0.028117 -8.755439 0.065429
0.75000 -0.039519 6.099213 0.065429
-0.000139 -0.085718 -11.775801 0.065429
1.00000 -0.039519 7.143569 0.065429
-0.000139 -0.143318 -19.494213

ELEM 236 ===== LENGTH
= 5.031384
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.030211 -15.755598 0.076983
-0.000331 0.175625 -19.510450 0.076983
0.25000 -0.030211 -8.130536 0.076983
-0.000331 0.078791 4.487911 0.076983
0.50000 -0.030211 -0.505473 0.076983
-0.000331 0.018042 0.943473 0.076983
0.75000 -0.030211 1.143569 0.076983
-0.000331 -0.114875 -3.216296 0.076983
1.00000 -0.030211 14.744651 0.076983
-0.000331 -0.211708 -16.967219

ELEM 237 ===== LENGTH
= 5.030878
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.021018 -16.501044 0.101104
-0.000382 0.252119 -16.994925 0.101104
0.25000 -0.021018 -8.876748 0.101104
-0.000382 -0.124959 -1.035953 0.101104
0.50000 -0.021018 -1.252119 0.101104
-0.000382 -0.002201 5.333993 0.101104
0.75000 -0.021018 6.371844 0.101104
-0.000382 0.123361 13.961463 0.101104
1.00000 -0.021018 13.961463 0.101104
-0.000382 -0.256521 -10.693994

ELEM 238 ===== LENGTH
= 5.030460
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.017003 -16.123251 0.090908
-0.000303 0.239624 -10.727390 0.090908
0.25000 -0.017003 -8.495590 0.090908
-0.000303 0.125297 4.755646 0.090908
0.50000 -0.017003 -0.875928 0.090908
-0.000303 0.010700 16.510441 0.090908
0.75000 -0.017003 6.747733 0.090908
-0.000303 -0.103358 6.958806 0.090908
1.00000 -0.017003 14.371395 0.090908
-0.000303 -0.217685 -6.321059 0.090908
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T M2 P M3 V2 V3
0.00000 -0.017003 -16.123251 0.090908
-0.000303 0.239624 -10.727390 0.090908
0.25000 -0.017003 -8.495590 0.090908
-0.000303 0.125297 4.755646 0.090908
0.50000 -0.017003 -0.875928 0.090908
-0.000303 0.010700 16.510441 0.090908
0.75000 -0.017003 6.747733 0.090908
-0.000303 -0.103358 6.958806 0.090908
1.00000 -0.017003 14.371395 0.090908
-0.000303 -0.217685 -6.321059 0.090908
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T M2 P M3 V2 V3
0.00000 -0.030666 -14.781749 -0.080012
0.000333 -0.217077 -16.062020 -0.080012
0.25000 -0.030666 -7.137747 -0.080012
0.000333 -0.116449 -2.289137 -0.080012
0.50000 -0.030666 0.486256 -0.080012
0.000333 -0.015821 -1.256336 -0.080012
0.75000 -0.030666 8.110259 -0.080012
0.000333 0.084807 5.312237 -0.080012
1.00000 -0.030666 15.734262 -0.080012
0.000333 0.185436 -18.506520

ELEM 239 ===== LENGTH
= 5.031184
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.017003 -16.123251 0.090908
-0.000303 0.239624 -10.727390 0.090908
0.25000 -0.017003 -8.495590 0.090908
-0.000303 0.125297 4.755646 0.090908
0.50000 -0.017003 -0.875928 0.090908
-0.000303 0.010700 16.510441 0.090908
0.75000 -0.017003 6.747733 0.090908
-0.000303 -0.103358 6.958806 0.090908
1.00000 -0.017003 14.371395 0.090908
-0.000303 -0.217685 -6.321059 0.090908
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T M2 P M3 V2 V3
0.00000 -0.017428 -15.279710 0.004074
-1.67E-06 0.033251 -3.982584 0.004074
0.25000 -0.017428 -7.655181 0.004074
-1.67E-06 0.028127 10.440899 0.004074
0.50000 -0.017428 -0.030662 0.004074
-1.67E-06 0.023003 15.274148 0.004074
0.75000 -0.017428 7.538878 0.004074
-1.67E-06 0.016729 14.327794 0.004074
1.00000 -0.017428 15.218400 0.004074
-1.67E-06 0.012755 -3.828373

ELEM 240 ===== LENGTH
= 5.031032
LOAD AFTER -----
REL DIST T M2 P M3 V2 V3
0.00000 -0.017026 -14.839578 -0.047239
0.000158 -0.098132 -3.821705 -0.047239
0.25000 -0.017026 -7.215090 -0.047239
0.000158 -0.038718 10.047937 -0.047239
0.50000 -0.017026 0.409398 -0.047239
0.000158 0.020697 14.327794 -0.047239
0.75000 -0.017026 8.033886 -0.047239
0.000158 0.080112 9.018095 -0.047239
1.00000 -0.01

0.00000 -0.011686 -15.551182 0.029509
0.000145 -0.089546 -7.765296 0.029509
0.25000 -0.011686 -7.927118 0.029509
-0.000145 0.052434 6.998815 0.029509
0.50000 -0.011686 -0.303053 0.029509
-0.000145 0.015322 12.174281 0.029509
0.75000 -0.011686 7.321012 0.029509
-0.000145 -0.021791 7.761103 0.029509
1.00000 -0.011686 14.945076 0.029509
-0.000145 -0.058903 -6.240719 0.029509

ELEM 251 ===== LENGTH
= 5.030920

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.010401 -15.116523 -0.008810
1.17E-05 -0.005793 -6.240043 -0.008810
0.25000 -0.010401 -7.492163 -0.008810
1.17E-05 0.005288 7.977770 -0.008810
0.50000 -0.010401 0.135497 -0.008810
1.17E-05 0.016369 12.606195 -0.008810
0.75000 -0.010401 7.755557 -0.008810
1.17E-05 0.027449 7.645233 -0.008810
1.00000 -0.010401 15.389317 -0.008810
1.17E-05 0.038530 -6.905117 -0.008810

ELEM 252 ===== LENGTH
= 5.031196

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.008470 -14.674362 -0.043398
0.000167 -0.007233 -6.893240 -0.043398
0.25000 -0.008470 -7.049554 -0.043398
0.000167 -0.042648 6.768940 -0.043398
0.50000 -0.008470 0.575194 -0.043398
0.000167 0.019167 10.804021 -0.043398
0.75000 -0.008470 8.189972 -0.043398
0.000167 0.066523 5.321982 -0.043398
1.00000 -0.008470 15.824751 -0.043398
0.000167 0.011108 7.767675 -0.043398

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FRAME ELEMENT INTERNAL FORCES

ELEM 253 ===== LENGTH
= 5.030540

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.007745 -14.389205 -0.061843
0.000305 -0.153078 9.770910 -0.061843
0.25000 -0.007745 -6.754242 -0.061843
0.000305 -0.073000 3.531489 -0.061843
0.50000 -0.007745 0.855362 -0.061843
0.000305 0.002477 7.245952 -0.061843
0.75000 -0.007745 8.482145 -0.061843
0.000305 0.080253 1.372478 -0.061843
1.00000 -0.007745 16.105928 -0.061843
0.000305 0.158029 -14.088933 -0.061843

ELEM 254 ===== LENGTH
= 5.031123

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.011812 -13.871100 -0.052630
0.000378 -0.143996 -14.066950 -0.052630
0.25000 -0.011812 -6.246433 -0.052630
0.000378 -0.077800 -1.415226 -0.052630
0.50000 -0.011812 1.378235 -0.052630
0.000378 -0.011603 1.646337 -0.052630
0.75000 -0.011812 9.002902 -0.052630
0.000378 0.024593 -4.882261 -0.052630
1.00000 -0.011812 16.627570 -0.052630
0.000378 0.120790 -21.001019 -0.052630

ELEM 255 ===== LENGTH
= 5.030775

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.022696 -14.997011 -0.012485
0.000315 -0.003015 -10.990651 -0.012485
0.25000 -0.022696 -7.372872 -0.012485
0.000315 -0.039468 -6.923420 -0.012485
0.50000 -0.022696 0.251268 -0.012485
0.000315 0.023735 -2.445021 -0.012485
0.75000 -0.022696 7.875407 -0.012485
0.000315 -0.008062 -7.555455 -0.012485
1.00000 -0.022696 15.499547 -0.012485
0.000315 0.007641 -22.254722 -0.012485

ELEM 256 ===== LENGTH
= 3.521318

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.034173 -9.941950 0.093493
9.62E-05 0.126358 -22.260849 0.093493
0.25000 -0.034173 -4.605393 0.093493
9.62E-05 0.040454 -15.851622 0.093493
0.50000 -0.034173 0.731165 0.093493
9.62E-05 -0.038250 -14.152323 0.093493
0.75000 -0.034173 6.067722 0.093493
9.62E-05 -0.034173 -17.144263 0.093493
1.00000 -0.034173 11.404279 0.093493
9.62E-05 -0.202859 -24.835512 0.093493

ELEM 257 ===== LENGTH
= 5.030907

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.034790 -15.523877 0.117680
-0.000273 0.261002 -24.980443 0.117680
0.25000 -0.034790 -7.899538 0.117680
-0.000273 0.112992 -10.130315 0.117680
0.50000 -0.034790 -0.271945 0.117680
-0.000273 -0.035018 -4.989524 0.117680
0.75000 -0.034790 7.349142 0.117680
-0.000273 -0.183028 9.438068 0.117680

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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 V2 V3
1.00000 -0.034790 14.978142 0.117680
-0.000273 -0.331038 -23.475947 0.117680

ELEM 258 ===== LENGTH
= 5.030817

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.021861 -16.912681 0.176879
0.000485 0.428632 -23.518668 0.176879
0.25000 -0.021861 -9.286478 0.176879

-0.000485 0.206170 -7.042015 0.176879
0.50000 -0.021861 -1.664275 0.176879
0.25000 -0.000485 -9.761523 0.176879
0.75000 -0.021861 5.959928 0.176879
-0.000485 -0.238754 -2.855583 0.176879
1.00000 -0.021861 13.584130 0.176879
-0.000485 -0.461216 -15.146005 0.176879

ELEM 259 ===== LENGTH
= 5.031015

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.010347 -16.587392 0.191717
0.000492 0.484894 15.202594 0.191717
0.25000 -0.010347 -9.562588 0.191717
-0.000492 0.243762 0.865387 0.191717
0.50000 -0.010347 -1.338385 0.191717
-0.000492 0.002630 7.343619 0.191717
0.75000 -0.010347 6.286118 0.191717
0.000492 -0.238503 4.230104 0.191717
1.00000 -0.010347 13.910622 0.191717
-0.000492 -0.479635 -8.469159 0.191717

ELEM 260 ===== LENGTH
= 5.031257

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.006149 -16.430230 0.165292
-0.000395 0.434641 -8.520633 0.165292
0.25000 -0.006149 -8.805166 0.165292
0.000395 0.226734 7.349964 0.165292
-0.000395 -0.061491 -1.180236 0.165292
0.50000 0.018827 13.628992 0.165292
0.75000 -0.006149 6.444573 0.165292
-0.000395 -0.189080 10.319151 0.165292
1.00000 -0.006149 6.901110 0.165292
-0.000395 -0.396988 -2.582259 0.165292

ELEM 261 ===== LENGTH
= 5.030628

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.004540 -15.970640 0.105617
0.000348 0.296767 -2.236811 0.105617
0.25000 -0.004540 -8.346724 0.105617
0.000348 -0.061491 -1.180236 0.105617
0.50000 0.163937 12.667840 0.105617
0.75000 -0.004540 6.444573 0.105617
-0.000348 0.031107 18.371019 0.105617
1.00000 -0.004540 6.901110 0.105617
-0.000348 -0.101723 14.485926 0.105617
1.00000 -0.004540 14.525027 0.105617
-0.000348 -0.234554 1.012561 0.105617

ELEM 262 ===== LENGTH
= 5.031120

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -0.002757 -15.574062 0.023930
-8.29E-05 0.097865 0.992569 0.023930
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1502.OUT

< AFTER COMPOSITE SELF-WEIGHT LOAD >
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 V2 V3
0.25000 -0.002757 -7.949400 0.023930
-8.29E-05 0.067766 -0.324738 0.023930
0.50000 -0.002757 0.037668 0.023930
-8.29E-05 0.037668 20.989762 0.023930
0.75000 -0.002757 7.299925 0.023930
-8.29E-05 0.007570 16.603136 0.023930
1.00000 -0.002757 14.525027 0.023930
-8.29E-05 -0.022529 2.626363 0.023930

ELEM 263 ===== LENGTH
= 5.030743

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 0.002268 -15.159507 -0.067095
9.62E-05 0.129517 2.702940 -0.067095
0.25000 0.002268 -7.535416 -0.067095
9.62E-05 -0.045133 16.900900 -0.067095
0.50000 0.002268 0.088674 -0.067095
9.62E-05 0.039252 16.108894 -0.067095
0.75000 0.002268 7.712765 -0.067095
9.62E-05 0.123636 16.677851 -0.067095
1.00000 0.002268 15.366856 -0.067095
9.62E-05 0.208020 2.183282 -0.067095

ELEM 264 ===== LENGTH
= 5.030492

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 0.010980 -14.857950 -0.155409
0.000302 -0.355348 2.217072 -0.155409
0.25000 0.010980 -7.234240 -0.155409
0.000302 0.159902 16.108894 -0.155409
0.50000 0.010980 0.389470 -0.155409
0.000302 0.035544 20.412963 -0.155409
0.75000 0.010980 8.013180 -0.155409
0.000302 0.230989 15.129981 -0.155409
1.00000 0.010980 15.636890 -0.155409
0.000302 0.426435 0.257847 -0.155409

ELEM 265 ===== LENGTH
= 5.031359

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 0.021745 -14.536390 -0.237130
0.000536 -0.562689 0.319852 -0.237130
0.25000 0.021745 -6.911365 -0.237130
0.000536 -0.264417 13.808773 -0.237130
0.50000 0.021745 17.066833 -0.237130
0.000536 0.033854 1.706633 -0.237130
0.75000 0.021745 8.338886 -0.237130
0.000536 0.332125 12.013432 -0.237130
1.00000 0.021745 15.928711 -0.237130
0.000536 0.630397 -3.270829 -0.237130

ELEM 266 ===== LENGTH
= 5.030246

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 0.025419 -14.741116 -0.239024
0.000833 0.633579 -3.195397 -0.239024
0.25000 0.025419 -7.117779 -0.239024
0.000833 -0.329991 10.549054 -0.239024
0.50000 0.025419 0.505558 -0.239024
0.000833 0.032403 14.766890 -0.239024
0.75000 0.025419 8.128895 -0.239024
0.000833 0.268185 9.277513 -0.239024
1.00000 0.025419 15.752233 -0.239024
0.000833 0.568773 -5.738480 -0.239024

Program SAP2000 Nonlinear Version 7.42
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< AFTER COMPOSITE SELF-WEIGHT LOAD >
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FRAME ELEMENT INTERNAL FORCES
ELEM 267 ===== LENGTH
= 1.509876

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 0.011471 -8.210010 -2.462144
0.000162 1.777473 -5.596584 -2.462144
0.000000 0.011471 -3.495110 -2.462144
0.000162 -0.848090 -2.929425 -2.462144
0.50000 0.011471 -3.633576 -2.462144
0.000162 0.081293 -1.125998 -2.462144
0.75000 0.011471 -1.345359 -2.462144
0.000162 0.101676 -0.186301 -2.462144
1.00000 0.011471 0.942858 -2.462144
0.000162 1.940059 -0.110335 -2.462144

ELEM 268 ===== LENGTH
= 1.100000

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -390.033185 0.000000 0.000000
0.000000 0.000000 -9.31E-10 0.000000
0.25000 -390.033185 0.000000 0.000000
0.000000 0.000000 -9.31E-10 0.000000
0.50000 -390.033185 0.000000 0.000000
0.000000 0.000000 -9.31E-10 0.000000
0.75000 -390.033185 0.000000 0.000000
0.000000 0.000000 -9.31E-10 0.000000
1.00000 -390.033185 0.000000 0.000000
0.000000 0.000000 -9.31E-10 0.000000

ELEM 269 ===== LENGTH
= 1.200000

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -1224.404 2.33E-10 -2.33E-10
0.000000 -3.49E-10 2.33E-10 -2.33E-10
0.25000 -1224.404 2.33E-10 -2.33E-10
0.000000 -2.79E-10 2.33E-10 -2.33E-10
0.50000 -1224.404 2.33E-10 -2.33E-10
0.000000 -2.10E-10 2.33E-10 -2.33E-10
0.75000 -1224.404 2.33E-10 -2.33E-10
0.000000 -1.40E-10 2.33E-10 -2.33E-10
1.00000 -1224.404 2.33E-10 -2.33E-10
0.000000 -6.9E-11 6.9E-11 -2.33E-10

ELEM 270 ===== LENGTH
= 1.200000

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -1181.267 1.052371 -0.031123
0.000000 -0.037348 1.262845 -0.031123
0.25000 -1181.267 1.052371 -0.031123
0.000000 -0.028011 0.947134 -0.031123
0.50000 -1181.267 1.052371 -0.031123
0.000000 -0.018674 0.631423 -0.031123
0.75000 -1181.267 1.052371 -0.031123
0.000000 0.009337 0.315757 -0.031123
1.00000 -1181.267 1.052371 -0.031123
0.000000 -3.52E-19 -4.07E-11 -0.031123

ELEM 271 ===== LENGTH
= 1.200000

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -1139.834 0.000000 0.000000
0.000000 0.000000 1.16E-10 0.000000
0.25000 -1139.834 0.000000 0.000000
0.000000 0.000000 1.16E-10 0.000000
0.50000 -1139.834 0.000000 0.000000
0.000000 0.000000 1.16E-10 0.000000
0.75000 -1139.834 0.000000 0.000000
0.000000 0.000000 1.16E-10 0.000000
1.00000 -1139.834 0.000000 0.000000
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1502.OUT

< AFTER COMPOSITE SELF-WEIGHT LOAD >
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 V2 V3
1.00000 -1139.834 0.000000 0.000000
0.000000 0.000000 1.16E-10 0.000000

ELEM 272 ===== LENGTH
= 1.200000

LOAD AFTER -----

REL DIST T P M2 V2 V3
0.00000 -1334.344 6.98E-10 0.000000
0.000000 -0.000000 6.98E-10 0.000000
0.25000 -1334.344 6.98E-10 0.000000
0.000000 0.000000 4.89E-10 0.000000
0.50000 -1334.344 6.98E-10 0.000000
0.000000 0.000000 2.79E-10 0.000000
0.75000 -1334.344 6.98E-10 0.000000
0.000000 0.000000 6.98E-11 0.000000
1.00000 -1334.344 6.98E-10 0.000000
0.000000 0.000000 -1.40E-10 0.000000

ELEM 273 ===== LENGTH
= 1.100000

LOAD AFTER -----

REL

4	0.000329	0.000167	0.001800	81	0.000235	2.05E-05	0.002114	151	0.000278	5.47E-05	1.36E-05	-0.000354	-0.000387	-3.20E-06	-0.003838
4.77E-05	0.000193	1.70E-06		4.53E-05	5.63E-05	1.51E-06		6.19E-05	0.000279	2.06E-05		52	-0.000322	-1.92E-05	
5.23E-05	0.000139	0.000101	0.002182	5.01E-05	7.80E-05	2.44E-06	0.002124	7.34E-05	0.000340	5.00E-05	0.001120	-0.000278	-0.000508	-4.51E-06	
6	0.000329	0.000146	0.002362	83	0.000236	3.11E-05	0.001890	153	0.000278	4.50E-05	0.001944	-0.000181	-0.000589	-5.02E-06	
5.34E-05	1.80E-06	1.23E-06		4.91E-05	8.76E-05	3.12E-06		8.39E-05	0.000362	2.80E-05		54	-0.000323	-2.00E-05	-2.70E-07
8	0.000330	0.000105	0.002287	3.80E-05	0.000124	3.25E-06	0.001399	7.81E-05	0.000338	2.53E-05	0.002466	-0.000161	-0.000526	-0.000526	
4.87E-05	4.71E-05	1.40E-06		85	0.000237	3.30E-05	0.000651	155	0.000278	6.39E-05	0.002710	-0.000119	-0.000121	-7.42E-06	
3.39E-05	0.000112	1.87E-06	0.001908	1.39E-05	0.000172	2.71E-06		6.94E-05	0.000269	1.91E-05		56	-0.000232	-2.27E-05	-0.001126
3.90E-05	0.000139	6.87E-05		89	0.000238	4.00E-05	2.49E-08	159	0.000278	9.29E-05	0.002700	-0.000183	-0.000106	-1.07E-06	
5.84E-06	0.000188	2.73E-06	0.001162	3.29E-06	0.000198	1.98E-06		6.16E-05	0.000168	1.80E-05		57	-0.000233	-1.60E-05	-0.002222
10	0.000330	4.48E-05	2.91E-08	87	0.000238	4.41E-05	0.000644	157	0.000278	8.30E-05	0.002475	-0.000254	-0.000100	-5.83E-06	
8.86E-06	0.000271	3.73E-06		1.03E-05	0.000217	1.17E-06	0.001387	5.50E-05	6.12E-05	8.82E-05		58	-0.000233	-1.09E-05	-0.003015
2.15E-05	0.000121	5.85E-05	0.000844	3.39E-05	0.000225	5.16E-07		4.85E-05	9.06E-05	1.83E-05	0.002074	-0.000297	-7.60E-05	-0.003387	
12	0.000330	7.30E-05	0.001693	89	0.000238	4.12E-05	0.001880	159	0.000278	0.000104	0.001539	-0.000305	-4.16E-05	-2.26E-06	
4.51E-05	0.000345	4.69E-06		4.66E-05	0.000204	8.55E-07	0.002119	160	0.000278	1.84E-05		60	-0.000233	-8.89E-06	-0.003287
13	0.000330	9.33E-05	0.002175	90	0.000238	3.46E-05		162	0.000278	0.000113	0.000907	-0.000278	-0.000100	-7.42E-06	
5.38E-05	0.000313	4.42E-06		4.94E-05	0.000153	7.91E-07	0.002277	3.03E-05	0.000131	1.91E-05	0.000213	61	-0.000232	-5.47E-06	-0.002762
14	0.000331	0.000108	0.002360	91	0.000238	2.68E-05		161	0.000278	0.000121		62	-0.000222	-3.07E-07	
5.27E-05	0.000235	3.67E-06	0.002295	4.62E-05	8.11E-05	9.98E-07	0.002529	1.64E-05	0.000140	1.08E-05	0.000213	62	-0.000236	-4.82E-06	-0.001934
15	0.000331	0.000115		92	0.000238	1.91E-06		162	0.000278	0.000122	2.38E-05	-0.000149	-0.000200	-1.96E-07	
4.62E-05	0.000133	2.61E-06	0.002376	4.56E-05	5.43E-05	1.98E-06	0.002545	4.93E-05	0.000141	1.54E-05		63	-0.000236	-4.00E-06	-0.000961
16	0.000331	0.000114		93	0.000238	2.41E-05		163	0.000285	3.38E-05	0.000000	-7.44E-05	-0.000204	-8.27E-07	
4.97E-05	6.77E-05	1.41E-06	0.002443	5.27E-05	7.72E-05	2.94E-06	0.002269	2.85E-05	0.000171	3.33E-06		64	-0.000235	-1.95E-06	-1.64E-08
5.20E-05	8.75E-05	4.82E-07		5.40E-05	8.81E-05	3.58E-06		5.68E-06	0.000265	3.73E-06	0.000000	-4.53E-05	-0.000184	-1.92E-06	
18	0.000331	8.75E-05	0.002150	95	0.000237	3.08E-05	0.001685	165	3.37E-07	1.14E-05	0.000000	-8.43E-05	-0.000160	-2.70E-06	
4.79E-05	0.000331	8.31E-07	0.001749	4.47E-05	0.000146	3.64E-05	0.000789	1.13E-05	0.000336	1.38E-05	0.000000	-0.000156	-0.000236	-3.92E-06	-0.001769
3.29E-05	0.000135	1.53E-06		1.97E-05	0.000207	3.00E-06		6.12E-05	0.000273	3.75E-06		67	-0.000234	-9.72E-06	-0.002787
20	0.000331	4.48E-05	0.000869	97	0.000237	5.02E-05	1.80E-08	2.83E-05	0.000289	3.66E-05	0.000000	-0.000226	-8.84E-05	-3.16E-06	-0.003598
4.57E-06	0.000338	4.06E-06		7.22E-06	0.000242	2.21E-06		168	0.000687	3.08E-05	0.000000	-0.000279	-7.67E-05	-2.49E-06	
5.12E-06	0.000276	3.39E-06	3.01E-08	1.24E-05	0.000276	1.01E-06	0.000974	2.59E-05	0.000147	3.47E-07		69	-0.000232	-3.11E-05	-0.004047
22	0.000331	6.40E-05	0.000867	Program	SAP2000 Nonlinear Version 7.42			169	0.000193	1.63E-05	0.000000	-0.000304	-5.48E-05	-1.55E-06	-0.004051
1.32E-05	0.000338	8.54E-05	0.001745	File:상행S11-S1503.OUT				3.34E-05	0.000148	1.70E-05	0.000000	-0.000300	-7.76E-05	-1.13E-06	
3.96E-05	0.000355	4.53E-06		<	MOVING	Page	LOAD	>	1.41E-05	0.000189	1.68E-06	0.000000	Program	SAP2000 Nonlinear Version 7.42	
24	0.000329	0.000106	0.002247	2.35E-05	0.000132	7.85E-06		7.87E-06	0.000194	2.25E-06	0.000000	-0.000149	-0.000236	-1.96E-07	
5.11E-05	0.000326	4.34E-06	0.002443	2.21E-05	0.000133	9.00E-06	1.01E-08	172	0.000453	1.15E-06	0.000000	<	MOVING	Page	LOAD
25	0.000326	0.000122		7.41E-05	0.000378	3.65E-05		4.22E-06	0.000198	1.98E-06	0.000000	>			
5.24E-05	0.000251	3.64E-06	0.002378	108	0.000239	0.000116		173	0.000185	4.15E-06	0.000000	JOINT DISPLACEMENTS			
4.78E-05	0.000327	2.58E-06		2.37E-05	0.000325	0.000115	0.000587	1.80E-07	0.000241	2.09E-06	0.000000	TRANSLATIONS AND ROTATIONS, IN LOCAL			
27	0.000327	0.000130	0.002420	111	0.000281	0.000105	0.001185	9.31E-06	0.000134	7.86E-06	0.000000	COMB DB-G1-1	----- MIN		
4.86E-05	6.81E-05	1.36E-06	0.002486	112	0.000281	9.50E-05	0.001684	JOINT	U1	U2	U3	JOINT	U1	U2	U3
28	0.000327	0.000122		113	0.000282	4.46E-05	0.002034	R1	R2	R3		R1	R2	R3	
5.30E-05	5.57E-07	5.93E-05	0.002287	114	0.000281	0.000115	0.000587	-0.000171	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
5.14E-05	9.82E-05	9.73E-07		115	0.000281	0.000105	0.001185	-0.000171	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
3.93E-05	0.000326	8.34E-05	0.001776	116	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
31	0.000325	6.07E-05	0.000883	117	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
1.24E-05	0.000219	2.89E-06		118	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
3.93E-05	0.000326	8.34E-05	0.001776	119	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
31	0.000325	6.07E-05	0.000883	120	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
1.24E-05	0.000219	2.89E-06		121	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
3.93E-05	0.000326	8.34E-05	0.001776	122	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
31	0.000325	6.07E-05	0.000883	123	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
1.24E-05	0.000219	2.89E-06		124	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
4.62E-06	0.000322	3.93E-06		125	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
3.93E-05	0.000326	8.34E-05	0.001776	126	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
31	0.000325	6.07E-05	0.000883	127	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
1.24E-05	0.000219	2.89E-06		128	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
4.62E-06	0.000322	3.93E-06		129	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
3.93E-05	0.000326	8.34E-05	0.001776	130	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
31	0.000325	6.07E-05	0.000883	131	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
1.24E-05	0.000219	2.89E-06		132	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
5.32E-06	0.000336	4.48E-06	0.001766	133	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
3.42E-05	0.000328	7.35E-05		134	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
3.93E-05	0.000326	8.34E-05	0.001776	135	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
34	0.000323	9.69E-05	0.002279	136	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
4.89E-05	0.000343	4.87E-06	0.002484	137	0.000281	9.50E-05	0.001684	-0.000221	-0.000321	-4.05E-05	-2.67E-07	-0.000265	-0.000148	-2.67E-05	-0.003610
5.27E-05	0.000329	0.000116													

-0.000313	-9.19E-05	-2.67E-05	-0.004747	22	0.000569	0.000197	0.001506	JOINT	U1	U2	U3	169	0.000384	3.62E-05	.000000
-0.000397	-0.000282	-5.28E-05		23	0.000559	6.73E-06		R1	R2	R3		5.86E-05	0.000527	6.60E-06	
123	-0.000282	-5.70E-06	-0.005361	0.000152	0.000602	6.63E-06	0.003062	6.10E-05	0.000461	0.000187	0.004746	170	0.000384	3.62E-05	.000000
-0.000436	-6.06E-05	-2.48E-05		24	0.000567	0.000232	0.003976	94	0.000461	0.00144	0.004259	171	0.000000	0.000000	.000000
124	-0.000282	-6.07E-06	-0.005364	0.000164	0.000552	7.71E-06		6.14E-05	0.000165	6.19E-05		1.33E-05	0.000381	4.13E-06	
-0.000430	-2.66E-05	-2.28E-05		25	0.000567	0.000232	0.004348	107	0.000461	0.000155	0.003192	172	0.000000	0.000000	.000000
125	-0.000282	-6.30E-06	-0.004758	0.000165	0.000421	7.09E-06		4.86E-05	0.000273	5.79E-06		5.37E-06	0.000390	3.94E-06	
-0.000380	-0.000208	-1.97E-05		26	0.000565	0.000236	0.004250	96	0.000460	0.000177	0.001513	173	0.000371	8.32E-06	.000000
126	-0.000282	-6.32E-06	-0.003659	0.000159	0.000242	5.93E-06		1.65E-05	0.000395	4.76E-06		3.29E-22	0.000469	4.17E-06	.000000
-0.000289	-2.93E-069	-5.45E-06		27	0.000562	0.000194	0.004325	107	0.000460	0.000189	3.66E-08	174	0.000877	8.74E-06	
127	-0.000282	-6.05E-06	-0.002291	0.000160	0.000120	4.43E-06		1.07E-05	0.000470	1.74E-06		1.19E-05	0.000248	1.33E-05	
-0.000170	-0.000289	-1.28E-05		28	0.000564	0.000239	0.004426	98	0.000460	0.000197	0.001871				
128	-0.000282	-5.44E-06	-0.000888	0.000166	0.000160	3.10E-06		6.22E-06	0.000548	3.21E-06					
-4.72E-05	-0.000268	-2.28E-06		29	0.000564	0.000239	0.004048	101	0.000461	0.000199	0.003308				
129	-0.000282	-4.66E-06	-5.97E-06	0.000166	0.000176	3.12E-06		3.43E-05	0.000568	3.02E-06					
-4.68E-06	-0.000233	-5.61E-06		30	0.000563	0.000215	0.003119	100	0.000460	0.000182	0.004250				
130	-0.000282	-4.17E-06	-0.000891	0.000153	0.000245	3.41E-06		5.19E-05	0.000516	3.41E-06					
-5.78E-05	-0.000190	-5.45E-06		31	0.000562	0.000194	0.001534	103	0.000461	0.000184	0.004709				
131	-0.000281	-3.39E-06	-0.002302	0.000126	0.000383	4.83E-06		5.91E-05	0.000394	3.77E-06					
-0.000183	-0.000127	-7.68E-06		32	0.000561	0.000178	5.93E-08	102	0.000460	0.000142	0.004717				
132	-0.000281	-3.11E-06	-0.003679	0.000115	0.000484	6.10E-06		6.14E-05	0.000222	5.22E-06					
-0.000301	-9.47E-05	-1.52E-05		33	0.000561	0.000180	0.001521	103	0.000461	0.000131	0.004336				
133	-0.000281	-3.15E-06	-0.004789	0.000123	0.000569	7.21E-06		6.03E-05	0.000105	7.00E-06					
-0.000389	-8.52E-05	-1.62E-05		34	0.000560	0.000203	0.003100	104	0.000461	0.000144	0.003638				
134	-0.000281	-3.08E-06	-0.005405	0.000151	0.000617	8.20E-06		5.70E-05	0.000181	8.59E-06					
-0.000433	-3.48E-05	-2.16E-05		35	0.000561	0.000223	0.004032	105	0.000461	0.000181	0.002700				
135	-0.000281	-3.04E-06	-0.005407	0.000167	0.000571	8.34E-06		5.14E-05	0.000202	1.09E-05					
-0.000433	-0.000107	-2.69E-05		36	0.000559	0.000232	0.004421	106	0.000461	0.000242	0.001591				
136	-0.000281	-3.07E-06	-0.004795	0.000169	0.000442	7.16E-06		4.49E-05	0.000231	3.15E-05					
-0.000389	-0.000194	-1.6E-05		37	0.000558	0.000233	0.004544	107	0.000461	0.000308	0.000374				
137	-0.000281	-2.99E-06	-0.003687	0.000163	0.000261	6.56E-06		3.73E-05	0.000246	1.33E-05					
-0.000301	-0.000258	-3.48E-05		38	0.000558	0.000236	0.005098	108	0.000481	0.000326	1.68E-08				
138	-0.000284	-3.10E-06	-0.002309	0.000117	0.000577	9.27E-06		3.56E-05	0.000513	0.000391	1.37E-08				
-0.000183	-0.000284	-5.55E-05		39	0.000557	0.000243	0.005212	109	0.000513	0.000391					
139	-0.000281	-3.63E-06	-0.000895	0.000165	0.000159	3.30E-06		9.22E-05	0.000111	8.81E-05					
-5.71E-05	-0.000269	-3.06E-05		40	0.000557	0.000240	0.004761	110	0.000513	0.000354	0.001058				
140	-0.000280	-3.97E-06	-6.04E-06	0.000167	0.000177	9.27E-06		6.79E-05	0.000141	6.10E-05					
-4.53E-06	-0.000237	-2.57E-05		41	0.000556	0.000228	0.003662	111	0.000514	0.000310	0.002147				
141	-0.000281	-4.01E-06	-0.000906	0.000159	0.000285	3.85E-06		8.17E-05	0.000756	5.32E-05					
-4.90E-05	-0.000195	-2.57E-05		42	0.000556	0.000211	0.001797	112	0.000514	0.000268	0.003053				
142	-0.000281	-3.79E-06	-0.002340	0.000136	0.000447	9.27E-06		9.37E-05	0.000513	0.000227	0.003686				
-0.000173	-0.000133	-2.42E-05		Program	SAP2000 Nonlinear Version 7.42			0.000104	0.000413	3.73E-05					
143	-0.000281	-3.09E-06	-0.003743	File:상행S11-S1503.OUT				0.000114	0.000515	0.000201	0.003953				
-0.000291	-0.000113	-1.1E-05						0.000018	0.000511	0.000111	0.003765				
144	-0.000281	-4.04E-06	-0.004881					0.000018	0.000511	0.000202					
-0.000389	-0.000102	-1.88E-05		<	MOVING	Page	LOAD	>							
145	-0.000281	-4.46E-06	-0.005522					0.000031	0.000349	3.61E-05	0.003057				
-0.000432	-1.68E-05	-1.69E-05						0.000016	0.000515	0.000202					
146	-0.000281	-4.06E-06	-0.005543					0.000017	0.000515	0.000200	0.001771				
-0.000437	-8.96E-05	-1.57E-05						0.000121	0.000542	4.75E-05	4.99E-08				
147	-0.000281	-5.48E-06	-0.004936					0.000118	0.000515	0.000194					
-0.000398	-0.000178	-1.49E-05						9.47E-05	0.000515	0.000505					
148	-0.000281	-7.54E-06	-0.003815					0.000119	0.000515	0.000189	0.001227				
-0.000413	-0.000249	-2.03E-05						0.000124	0.000717	5.77E-05	0.002657				
149	-0.000281	-9.70E-06	-0.002408					0.000120	0.000515	0.000183					
-0.000195	-0.000284	-1.28E-05						0.000140	0.000515	0.000709	0.003537				
150	-0.000281	-1.19E-05	-0.000943					0.000121	0.000514	0.000174					
-6.68E-05	-0.000279	-1.97E-05						0.000123	0.000514	0.000161	0.003923				
151	-0.000281	-1.34E-05	-6.75E-06					0.000103	0.000513	0.000145	0.003869				
-2.24E-06	-0.000253	-1.73E-05						8.38E-05	0.000487	5.15E-05	0.004031				
152	-0.000281	-1.51E-05	-0.001574					8.86E-05	0.000401	1.10E-05					
-7.28E-05	-0.000200	-1.58E-05						0.000100	0.000389	3.17E-05	0.004093				
153	-0.000280	-1.62E-05	-0.003313					0.000126	0.000512	0.000162	0.003695				
-0.000204	-0.000140	-1.52E-05						0.000113	0.000513	0.000140					
154	-0.000281	-1.68E-05	-0.004983					0.000113	0.000513	0.000140					
-0.000327	-8.14E-05	-1.68E-05						0.000125	0.000513	0.000152	0.004093				
155	-0.000280	-1.68E-05	-0.006324					0.000100	0.000389	3.17E-05	0.003695				
-0.000428	-2.89E-05	-1.73E-05						0.000126	0.000512	0.000162					
156	-0.000280	-1.63E-05	-0.007094					0.000113	0.000513	0.000140	0.002782				
-0.000496	-7.67E-06	-1.78E-05						0.000116	0.000447	2.12E-05	0.001296				
157	-0.000280	-1.56E-05	-0.007145					9.06E-05	0.000461	0.000188					
-0.000526	-7.80E-05	-1.53E-05						0.000121	0.000513	0.000145	7.82E-08				
158	-0.000281	-1.53E-05	-0.006427					5.52E-05	0.000545	1.90E-05	0.001290				
-0.000511	-0.000190	-1.88E-05						9.76E-05	0.000524	0.000192	0.002775				
159	-0.000280	-1.43E-05	-0.005016					0.000116	0.000447	2.12E-05					
-0.000438	-0.000305	-5.99E-05						0.000126	0.000512	0.000162					
160	-0.000281	-1.40E-05	-0.003057					0.000113	0.000513	0.000140					
-0.000291	-0.000407	-3.53E-05						0.000116	0.000447	2.12E-05	0.002775				
161	-0.000280	-1.38E-05	-0.000727					0.000116	0.000447	2.12E-05					
-5.25E-05	-0.000281	-4.45E-05						0.000107	0.000478	4.7E-05	0.003689				
162	-0.000280	-1.49E-05	-8.23E-06					0.000116	0.000447	2.12E-05					
-6.34E-06	-0.000495	-3.12E-05						0.000116	0.000447	2.12E-05					
163	-0.000463	-4.21E-05	.000000					9.23E-05	0.000664	4.57E-05	0.004034				
-0.000156	-0.000138	-3.76E-07						7.66E-05	0.000507	4.48E-05	0.004108				
164	-0.000583	-0.000130	.000000					135	0.000511	0.000158	0.004108				
-5.00E-05	-0.000275	-4.23E-06													

TRANSLATIONS AND ROTATIONS, IN LOCAL

	R1	R2	R3	R4	U1	U2	U3
	65	-0.000461	-7.68E-06	-0.001399			
	-0.000213	-0.000310	-4.91E-06				
	66	-0.000460	-1.00E-05	-0.003571			
	-0.000305	-0.000215	-5.22E-06				
	67	-0.000459	-1.33E-05	-0.005685			
	-0.000390	-0.000162	-5.62E-06				
	68	-0.000458	-2.80E-05	-0.007343			
	-0.000453	-0.000144	-5.23E-06				
	69	-0.000458	-3.92E-05	-0.008273			
	-0.000482	-0.000105	-4.38E-06				
	70	-0.000457	-4.14E-05	-0.008281			
	-0.000472	-0.000165	-4.44E-06				
	-0.000428	-0.000458	-4.31E-06				
	-0.000354	-0.000406	-1.88E-05	-0.005693			
	73	-0.000458	-1.46E-05	-0.003598			
	-0.000265	-0.000447	-3.56E-06				
	-0.000176	-0.000458	-7.84E-06	-0.001414			
	75	-0.000459	-5.44E-06	-0.001414			
	-0.000143	-0.000382	-4.20E-06				
	76	-0.000459	-4.63E-06	-0.001421			
	-0.000193	-0.000323	-4.63E-06				
	-0.000285	-0.000226	-5.07E-06				
	78	-0.000460	-1.36E-05	-0.005730			
	-0.000372	-0.000166	-3.90E-06				
	-0.000441	-0.000149	-4.97E-06	-0.007421			
	80	-0.000461	-2.67E-05	-0.008355			
	-0.000478	-0.000109	-4.26E-06				
	81	-0.000461	-2.58E-05	-0.008358			
	-0.000477	-0.000148	-4.40E-06				
	-0.000440	-0.000461	-1.74E-05	-0.007430			
	83	-0.000462	-1.21E-05	-0.005743			
	-0.000371	-0.000394	-4.04E-06				
	84	-0.000462	-8.23E-06	-0.003629			
	-0.000283	-0.000440	-3.57E-06				
	85	-0.000463	-5.42E-06	-0.001427			
	-0.000191	-0.000424	-3.42E-06				
	86	-0.000463	-6.21E-06	-1.32E-07			
	-0.000141	-0.000382	-3.93E-06				
	87	-0.000463	-8.16E-06	-0.001446			
	-0.000179	-0.000326	-4.29E-06				
	-0.000268	-0.000464	-1.39E-05	-0.003685			
	89	-0.000464	-1.72E-05	-0.005846			
	-0.000357	-0.000199	-4.85E-06				
	-0.000431	-0.000178	-4.37E-06	-0.007586			
	91	-0.000464	-3.07E-05	-0.008564			
	-0.000475	-0.000131	-4.71E-06				
	-0.000483	-0.000128	-4.87E-06	-0.008598			
	93	-0.000464	-1.27E-05	-0.007676			
	-0.000454	-0.000272	-4.79E-06				
	-0.000390	-0.000385	-1.16E-05	-0.005968			
	95	-0.000464	-1.20E-05	-0.003802			
	-0.000305	-0.000442	-4.06E-06				
	-0.000213	-0.000438	-1.49E-05	-0.001510			
	97	-0.000464	-1.81E-05	-1.42E-07			
	-0.000162	-0.000404	-3.93E-06				
	-0.000198	-0.000331	-2.94E-06	-0.002537			
	99	-0.000464	-2.73E-05	-0.005284			
	-0.000292	-0.000239	-4.00E-06				
	-0.000393	-0.000464	-3.16E-05	-0.007888			
	101	-0.000464	-3.32E-05	-0.009556			
	-0.000482	-0.000147	-4.97E-05				
	-0.000548	-0.000048	-2.79E-06	-0.011124			
	103	-0.000465	-2.99E-05	-0.011167			
	-0.000581	-0.000125	-5.27E-06				
	-0.000576	-0.000311	-6.93E-06	-0.010023			
	105	-0.000465	-2.13E-05	-0.007803			
	-0.000530	-0.000492	-5.90E-06	-0.004743			
	-0.000447	-0.000639	-6.07E-06				
	107	-0.000465	-1.94E-05	-0.001130			
	-0.000342	-0.000722	-6.14E-06				
	108	-0.000465	-2.30E-05	-9.73E-08			
	-0.000323	-0.000528	-5.44E-06				
	109	-0.000502	-5.65E-05	-0.000594			
	-9.16E-05	-0.000254	-3.25E-05	-0.003197			
	110	-0.000503	-4.80E-05	-0.006064			
	-0.000270	-0.000454	-3.21E-05				
	111	-0.000504	-4.07E-05	-0.006064			
	-0.000470	-0.000405	-3.07E-05	-0.008148			
	-0.000562	-0.000395	-3.26E-05	-0.009053			
	113	-0.000507	-3.10E-05	-0.009053			
	-0.000567	-0.000420	-3.68E-05	-0.008689			
	-0.000509	-0.000586	-2.23E-05	-0.008689			
Program	SAP2000	Nonlinear	Version 7.42				
	File:상행S11-S1503	OUT					

<	MOVING	LOAD	>	
JOINT DISPLACEMENTS				
TRANSLATIONS AND ROTATIONS, IN LOCAL				
COORDINATES				
JOINT	R1	R2	U3	
	115	-0.000509	-2.14E-05	-0.007165
	-0.000401	-0.000725	-4.81E-05	
	116	-0.000510	-1.45E-05	-0.004907
	-0.000263	-0.000795	-5.28E-05	
	-0.000119	-0.000772	-5.28E-05	-0.002428
	118	-0.000512	-7.57E-06	-0.000379
	-3.04E-05	-0.000628	-4.47E-05	
	-0.000116	-0.000453	-3.87E-05	-0.001743
	120	-0.000513	-1.00E-05	-0.004329
	-0.000270	-0.000439	-4.39E-05	-0.006890
	-0.000405	-0.000389	-4.22E-05	
	122	-0.000515	-1.59E-05	-0.009018
	-0.000499	-0.000391	-4.25E-05	-0.010202
	-0.000538	-0.000400	-4.35E-05	
	124	-0.000526	-1.96E-05	-0.010209
	-0.000527	-0.000526	-4.51E-05	-0.009039
	-0.000465	-0.000682	-4.59E-05	
	126	-0.000516	-1.74E-05	-0.006917
	-0.000355	-0.000791	-4.48E-05	
	-0.000215	-0.000819	-1.32E-05	-0.004352
	128	-0.000515	-7.30E-06	-0.001754
	-6.87E-05	-0.000724	-3.03E-05	
	-1.38E-05	-0.000542	-1.90E-05	-0.000346
	130	-0.000515	-5.59E-06	-0.001760
	-8.52E-05	-0.000456	-7.78E-06	-0.004370
	-0.000232	-0.000442	-2.11E-05	
	132	-0.000514	-1.22E-05	-0.006951
	-0.000368	-0.000392	-2.46E-05	-0.009093
	-0.000468	-0.000514	-1.22E-05	
	134	-0.000514	-1.55E-05	-0.010282
	-0.000517	-0.000403	-4.05E-05	
	-0.000515	-0.000514	-1.22E-05	-0.010287
	136	-0.000514	-5.10E-05	-0.009105
	-0.000464	-0.000666	-6.11E-05	-0.006967
	-0.000364	-0.000780	-6.97E-05	
	138	-0.000514	-8.49E-06	-0.001304
	-0.000228	-0.000815	-6.94E-05	-0.004784

JOINT DISPLACEMENTS

COORDINATES	U1	U2	U3
JOINT R1 R2 R3			
115 -0.000509 -2.14E-05	-0.007165		
-0.000401 -1.81E-05	-0.004907		
116 -0.000510 -1.45E-05	-0.004907		
-0.000263 -0.000795 -5.28E-05	-0.002428		
117 -0.000511 -7.76E-05	-0.003379		
-0.000119 -0.000512 -7.57E-05	-0.003379		
118 -0.000512 -4.47E-05	-0.001743		
-0.000441 -0.000512 -7.88E-05	-0.001743		
119 -0.000512 -3.87E-05	-0.004329		
-0.000116 -0.000513 -1.00E-05	-0.004329		
120 -0.000513 -4.39E-05	-0.006890		
-0.000441 -0.000513 -1.30E-05	-0.006890		
-0.000405 -0.000389 -2.22E-05	-0.009018		
122 -0.000515 -1.59E-05	-0.009018		
-0.000499 -0.000391 -4.25E-05	-0.010202		
123 -0.000515 -1.82E-05	-0.010202		
-0.000538 -0.000400 -4.35E-05	-0.010209		
124 -0.000516 -1.96E-05	-0.010209		
-0.000527 -0.000526 -4.51E-05	-0.009039		
125 -0.000516 -1.94E-05	-0.009039		
-0.000465 -0.000682 -5.95E-05	-0.006917		
126 -0.000516 -1.74E-05	-0.006917		
-0.000355 -0.000791 -4.48E-05	-0.004352		
127 -0.000517 -1.32E-05	-0.004352		
-0.000215 -0.000819 -4.11E-05	-0.001754		
128 -0.000515 -7.30E-06	-0.001754		
-6.87E-05 -0.000724 -3.03E-05	-0.000346		
129 -0.000516 -5.03E-06	-0.000346		
-1.38E-05 -0.000542 -1.90E-05	-0.001760		
130 -0.000515 -5.59E-06	-0.001760		
-8.52E-05 -0.000456 -1.78E-05	-0.004370		
131 -0.000515 -8.97E-06	-0.004370		
-0.000232 -0.000442 -2.11E-05	-0.006951		
132 -0.000514 -1.32E-05	-0.006951		
-0.000368 -0.000392 -4.66E-05	-0.009093		
133 -0.000514 -1.53E-05	-0.009093		
-0.000468 -0.000394 -3.13E-05	-0.010282		
134 -0.000514 -1.55E-05	-0.010282		
-0.000517 -0.000403 -4.05E-05	-0.010287		
135 -0.000514 -1.49E-05	-0.010287		
-0.000515 -0.000508 -5.10E-05	-0.009105		
136 -0.000514 -1.44E-05	-0.009105		
-0.000464 -0.000666 -6.11E-05	-0.006967		
137 -0.000514 -1.25E-05	-0.006967		
-0.000364 -0.000780 -6.79E-05	-0.004384		
138 -0.000514 -8.49E-06	-0.004384		
-0.000228 -0.000815 -6.94E-05	-0.001767		
139 -0.000514 -5.44E-06	-0.001767		

TRANSLATIONS AND ROTATIONS, IN LOCAL

COORDINATES	U1	U2	U3
JOINT R1 R2 R3			
140 -0.000514 -4.92E-06	-0.000346		
-1.18E-05 -0.000514 -5.70E-06	-0.001784		
141 -0.000514 -5.70E-06	-0.001784		
-6.92E-05 -0.000463 -4.10E-05	-0.004438		
-0.000217 -0.000514 -1.06E-05	-0.007064		
143 -0.000514 -1.36E-05	-0.007064		
-0.000357 -0.000414 -3.58E-05	-0.009257		
144 -0.000514 -1.65E-05	-0.009257		
-0.000466 -0.000413 -1.75E-05	-0.010497		
145 -0.000514 -1.75E-05	-0.010497		
-0.000527 -0.000417 -3.45E-05	-0.010536		
146 -0.000514 -1.65E-05	-0.010536		
-0.000538 -0.000486 -3.77E-05	-0.009365		
147 -0.000514 -1.62E-05	-0.009365		
-0.000497 -0.000648 -4.21E-05	-0.007203		
148 -0.000513 -1.63E-05	-0.007203		
-0.000402 -0.000772 -5.19E-05	-0.004565		
149 -0.000513 -1.63E-05	-0.004565		
-0.000267 -0.000819 -5.58E-05	-0.001856		
150 -0.000513 -1.86E-05	-0.001856		
-0.000174 -0.000744 -4.62E-05	-0.000378		
151 -0.000513 -2.08E-05	-0.000378		
-2.89E-05 -0.000593 -3.67E-05	-0.002999		
152 -0.000513 -2.43E-05	-0.002999		
-0.000117 -0.000574 -3.42E-05	-0.006211		
153 -0.000513 -2.84E-05	-0.006211		
-0.000265 -0.000458 -3.09E-05	-0.011876		
154 -0.000513 -3.27E-05	-0.009312		
-0.000111 -0.000569 -3.01E-05	-0.011876		
155 -0.000512 -3.45E-05	-0.011876		
-0.000334 -0.000311 -3.18E-05	-0.013664		
156 -0.000512 -3.42E-05	-0.013664		
-0.000020 -0.000324 -5.33E-05	-0.013463		
157 -0.000512 -3.23E-05	-0.013463		
-0.000663 -0.000476 -4.07E-05	-0.012087		
158 -0.000512 -2.92E-05	-0.012087		
-0.000556 -0.000682 -7.9E-05	-0.009402		
159 -0.000512 -2.55E-05	-0.009402		
-0.000578 -0.000882 -6.33E-05	-0.005784		
160 -0.000512 -2.33E-05	-0.005784		
-0.000410 -0.001035 -6.99E-05	-0.001574		
161 -0.000512 -2.29E-05	-0.001574		
-0.000119 -0.001001 -4.86E-05	-0.000501		
162 -0.000512 -2.36E-05	-0.000501		
-4.35E-05 -0.000898 -5.77E-05	-0.000000		
163 -0.000780 -3.05E-05	-0.000000		
-0.000165 -0.000247 -7.9E-06	-0.000000		
164 -0.000102 -2.96E-05	-0.000000		
-4.18E-05 -0.000457 -7.27E-06	-0.000000		
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JOINT DISPLACEMENTS

COORDINATES	U1	U2	U3
JOINT R1 R2 R3			
165 -1.58E-05 -5.33E-07	-0.000000		
-3.63E-05 -0.000475 -5.76E-06	-0.000000		
166 -0.000722 -6.09E-21	-0.000000		
-0.000150 -0.000454 -6.11E-06	-0.000000		
167 -1.61E-05 -5.06E-05	-0.000000		
-9.24E-05 -0.000501 -5.06E-06	-0.000000		
168 -0.000586 -4.17E-05	-0.000000		
-0.000177 -0.001019 -8.98E-06	-0.000000		
169 -0.000464 -2.99E-05	-0.000000		
-0.000331 -0.000203 -1.39E-05	-0.000000		
170 -0.000861 -3.38E-05	-0.000000		
-0.000169 -0.000354 -4.46E-06	-0.000000		
171 -0.000376 -4.20E-06	-0.000000		
-0.000147 -0.000376 -1.41E-06	-0.000000		
172 -0.000619 -1.34E-06	-0.000000		
-0.000143 -0.000381 -1.51E-06	-0.000000		
173 -0.000507 -1.14E-05	-0.000000		
-0.000147 -0.000409 -3.93E-06	-0.000000		
174 -0.000488 -2.35E-05	-0.000000		
-0.000263 -0.000751 -6.14E-06	-0.000000		
COMB DB-G1-3	MAX		

JOINT DISPLACEMENTS

0.000237	0.000706	0.000394	4.32E-08
0.000944	0.000707	0.000337	0.001468
0.000274	0.000702	0.000356	0.002964
3	0.000707	0.000356	
0.000315	0.000684	7.31E-06	
4	0.000708	0.000323	0.004210
0.000352	0.000438	0.000300	0.005085
5	0.000708	0.000300	
0.000373	0.000180	5.29E-06	0.005466
6	0.000708	0.000283	
0.000370	8.91E-06	0.000283	0.005231
7	0.000709	0.000274	
0.000340	0.000118	5.44E-06	
8	0.000709	0.000255	0.004251
0.000280	0.000107	7.17E-06	
9	0.000709	0.000232	0.002552
0.000293	0.000428	6.32E-06	
10	0.000709	0.000232	6.00E-08
0.000154	0.000586	1.11E-06	
11	0.000709	0.000214	0.001821
0.000165	0.000676	7.39E-06	
12	0.000709	0.000214	0.003755
0.000236	0.000721	9.6E-06	
13	0.000709	0.000240	0.004925
0.000295	0.000656	8.06E-06	
14	0.000709	0.000240	0.005425
0.000336	0.000494	5.00E-06	
15	0.000709	0.000230	0.005328
0.000355	0.000273	6.45E-06	
16	0.000709	0.000230	0.005547
0.000385	0.000151	5.05E-06	
17	0.000709	0.000232	0.005650
0.000352	0.000201	4.37E-06	
18	0.000709	0.000232	0.005132
0.000312	0.000222	4.82E-06	
19	0.000709	0.000217	0.003913
0.000247	0.000320	5.20E-06	
20	0.000709	0.000217	0.001898
0.000169	0.000482	6.10E-06	
21	0.000709	0.000208	6.23E-08
0.000135	0.000593	6.68E-06	
22	0.000708	0.000208	0.001892
0.000164	0.000683	7.04E-06	
23	0.000708	0.000237	0.003904
0.000239	0.000728	7.24E-06	
24	0.000708	0.000246	0.005124
0.000302	0.000662	7.96E-06	
25	0.000707	0.000251	0.005648
0.000343	0.000499	4.6E-06	
26	0.000707	0.000247	0.005551
0.000360	0.000276	6.41E-06	
27	0.000706	0.000242	0.005651
0.000361	0.000155	5.00E-06	
28	0.000706	0.000250	0.005753
0.000345	0.000208	4.55E-06	
29	0.000706	0.000246	0.005221
0.000304	0.000331	6.00E-06	
30	0.000705	0.000234	0.003979
0.000241	0.000323	5.47E-06	
31	0.000705	0.000216	0.001928
0.000165	0.000486	6.00E-06	
32	0.000704	0.000204	7.35E-08
0.000134	0.000601	7.00E-06	
33	0.000704	0.000206	0.001911
0.000139	0.000592	6.00E-06	
34	0.000704	0.000226	0.003952
0.000247	0.000740	8.28E-06	
35	0.000703	0.000240	0.005199
0.000112	0.000767	8.00E-06	
36	0.000703	0.000246	0.005745
0.000352	0.000513	8.02E-06	
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JOINT DISPLACEMENTS			
TRANSLATIONS AND ROTATIONS, IN LOCAL			
COORDINATES			
JOINT	U1	U2	U3
R1	R2	R3	
9	-0.000703	-4.08E-05	-0.003172
-5.85E-05	-0.000667	-8.87E-06	
10	-0.000705	-2.84E-05	-4.40E-07
-4.78E-05	-0.000663	-6.05E-06	
11	-0.000705	-3.40E-05	-0.002239
-9.12E-05	-0.000456	-7.22E-06	
12	-0.000707	-4.67E-05	-0.005811
-0.000167	-0.000671	-5.88E-06	
13	-0.000708	-6.14E-05	-0.009300
-0.000250	-0.000229	-5.33E-06	
-0.000305	-0.000709	-7.40E-05	-0.012109
-0.000217	-0.000207	-4.75E-06	
15	-0.000710	-8.17E-05	-0.013666
-0.000326	-0.000154	-5.22E-06	
16	-0.000710	-8.32E-05	-0.013675
-0.000314	-0.000274	-6.54E-06	
17	-0.000711	-7.79E-05	-0.012134
-0.000279	-0.000495	-7.67E-06	
-0.000217	-0.000711	-6.83E-05	-0.009333
-0.000217	-0.000658	-7.5E-06	
19	-0.000710	-5.06E-05	-0.005842
-0.000133	-0.000723	-7.94E-06	
-5.24E-05	-0.000679	-3.46E-05	-0.002256
21	-0.000710	-2.75E-05	-4.38E-07
-3.14E-05	-0.000589	-6.73E-06	
-7.13E-05	-0.000478	-3.8E-06	-0.002265
23	-0.000709	-3.59E-05	-0.005868
-0.000151	-0.000317	-5.17E-06	
24	-0.000710	-6.85E-05	-0.009383
-0.000235	-0.000235	-7.8E-06	
25	-0.000708	-6.39E-05	-0.012210
-0.000292	-0.000212	-4.31E-06	
26	-0.000711	-6.04E-05	-0.013775
-0.000320	-0.000158	-5.08E-06	
27	-0.000708	-6.82E-05	-0.013781
-0.000320	-0.000274	-6.50E-06	
28	-0.000710	-6.10E-05	-0.012226
-0.000291	-0.000498	-7.57E-06	
29	-0.000707	-4.92E-05	-0.009404
-0.000233	-0.000662	-8.13E-06	
30	-0.000711	-8.00E-05	-0.005888
-0.000150	-0.000729	-8.04E-06	
31	-0.000707	-2.42E-05	-0.002276
-6.94E-05	-0.000685	-3.30E-06	
32	-0.000710	-2.65E-05	-4.39E-07
-2.95E-05	-0.000597	-6.95E-06	
33	-0.000707	-3.20E-05	-0.002300
-5.49E-05	-0.000486	-6.33E-06	
34	-0.000710	-4.63E-05	-0.005963
-0.000136	-0.000325	-5.35E-06	
35	-0.000707	-6.24E-05	-0.009543
-0.000220	-0.000279	-7.32E-06	
36	-0.000710	-7.35E-05	-0.012439
-0.000282	-0.000252	-4.46E-06	
37	-0.000706	-7.78E-05	-0.014069
-0.000316	-0.000189	-4.57E-06	
38	-0.000710	-7.45E-05	-0.014119
-0.000326	-0.000370	-5.99E-06	
39	-0.000706	-6.62E-05	-0.012577
-0.000304	-0.000498	-7.02E-06	
40	-0.000710	-1.15E-05	-0.009723
-0.000249	-0.000671	-7.62E-06	
41	-0.000705	-4.84E-05	-0.006131
-0.000166	-0.000747	-5.80E-06	
42	-0.000710	-5.36E-05	-0.002394
-9.03E-05	-0.000715	-7.07E-06	
43	-0.000705	-5.93E-05	-4.49E-07
-4.72E-05	-0.000634	-6.70E-06	
44	-0.000710	-7.04E-05	-0.003984
-6.30E-05	-0.000486	-5.93E-06	
45	-0.000704	-8.44E-05	-0.008412
-0.000159	-0.000710	-8.01E-06	
46	-0.000704	-9.80E-05	-0.012659
-0.000250	-0.000189	-4.52E-06	
47	-0.000704	-0.000106	-0.016072
-0.000324	-0.000704	-0.000108	-0.018034
48	-0.000704	-0.000174	-0.018034
-0.000377	-5.65E-05	-4.63E-06	
49	-0.000704	-0.000103	-0.018174
-0.000400	-0.000288	-9.20E-05	-0.016378
50	-0.000704	-9.20E-05	-0.016378
-0.000392	-0.000583	-6.42E-06	
51	-0.000703	-7.49E-05	-0.012812
-0.000352	-0.000702	-3.97E-06	
52	-0.000703	-3.97E-06	-0.007834
-0.000279	-0.010194	-8.72E-06	
53	-0.000703	-3.18E-05	-0.001877
-0.000186	-0.000129	-6.37E-06	
54	-0.000703	-3.19E-05	-3.75E-07
-0.000166	-0.01236	-9.48E-06	
55	-0.000693	-6.84E-05	-2.92E-07
-0.000373	-0.000113	-4.00E-06	
56	-0.000694	-5.94E-05	-0.003790
-0.000398	-0.000300	-1.32E-05	
57	-0.000693	-5.25E-05	-0.007397
-0.000426	-0.000663	-1.20E-05	
58	-0.000696	-4.81E-05	-0.009939
-0.000456	-0.000204	-1.02E-05	
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JOINT DISPLACEMENTS			
TRANSLATIONS AND ROTATIONS, IN LOCAL			
COORDINATES			
JOINT	U1	U2	U3
R1	R2	R3	
109	-0.000678	-6.94E-05	-0.000663
-0.000191	-0.000331	-5.13E-05	
110	-0.000678	-6.26E-05	-0.004238
-0.000244	-0.000494	-4.48E-05	
111	-0.000680	-5.69E-05	-0.008066
-0.000426	-0.000439	-5.25E-05	-0.010824
112	-0.000681	-4.46E-05	
-0.000518	-0.000682	-4.91E-05	-0.012025
113	-0.000682	-4.70E-05	
-0.000534	-0.000693	-5.43E-05	-0.011546
114	-0.000683	-5.02E-05	
-0.000493	-0.000587	-4.04E-05	-0.009531
115	-0.000683	-4.04E-05	-0.009531
-0.000174	-0.000706	-3.40E-05	-0.006538
116	-0.000684	-6.35E-05	
-0.000311	-0.000685	-2.77E-05	-0.003221
117	-0.000686	-6.38E-05	
-0.000174	-0.000686	-2.88E-05	-0.004048
118	-0.000686	-5.27E-05	
-6.88E-05	-0.000734	-2.64E-05	-0.002307
119	-0.000687	-2.64E-05	-0.002307
-0.000142	-0.000552	-2.70E-05	-0.005773
120	-0.000688	-4.69E-05	
-0.000294	-0.000688	-2.83E-05	-0.009193
121	-0.000688	-2.83E-05	-0.009193
-0.000411	-0.000410	-2.94E-05	-0.012012
122	-0.000689	-2.94E-05	-0.012012
-0.000488	-0.000403	-4.45E-05	
123	-0.000690	-2.99E-05	-0.013581
-0.000516	-0.000391	-6.61E-05	
124	-0.000690	-3.02E-05	-0.013591
-0.000503	-0.000530	-5.38E-05	
125	-0.000690	-3.17E-05	-0.012039
-0.000495	-0.000743	-6.25E-05	
126	-0.000690	-3.15E-05	-0.009228
-0.000373	-0.000896	-6.74E-05	
127	-0.000690	-2.83E-05	-0.005804
-0.000256	-0.000945	-4.70E-05	
128	-0.000689	-2.53E-05	-0.002323
-0.000116	-0.000853	-5.43E-05	
129	-0.000689	-2.43E-05	-0.000377
-0.000427	-0.000671	-3.93E-05	
130	-0.000689	-2.42E-05	-0.002330
-0.000122	-0.000560	-3.92E-05	
131	-0.000689	-2.64E-05	-0.005829
-0.000265	-0.000488	-4.01E-05	
132	-0.000689	-2.89E-05	-0.009275
-0.000381	-0.000414	-3.94E-05	
133	-0.000689	-2.93E-05	-0.012113
-0.000462	-0.000406	-4.20E-05	
134	-0.000689	-2.77E-05	-0.013690
-0.000496	-0.000394	-4.74E-05	
135	-0.000689	-2.81E-05	-0.013696
-0.000495	-0.000226	-5.46E-05	
136	-0.000688	-3.01E-05	-0.012128
-0.000459	-0.000741	-6.21E-05	
137	-0.000688	-3.00E-05	-0.009296
-0.000379	-0.000896	-7.08E-05	
138	-0.000688	-2.75E-05	-0.005848
-0.000263	-0.000948	-7.49E-05	
139	-0.000688	-2.49E-05	-0.002340
-0.000120	-0.000857	-6.31E-05	
140	-0.000688	-2.37E-05	-0.000377
-3.91E-05	-0.000676	-4.79E-05	
141	-0.000688	-2.31E-05	-0.002363
-0.000116	-0.000565	-5.51E-05	
142	-0.000688	-2.44E-05	-0.005920
-0.000257	-0.000494	-4.65E-05	
143	-0.000688	-2.39E-05	-0.009428
-0.000375	-0.000448	-4.98E-05	
144	-0.000688	-2.75E-05	-0.012334
-0.000461	-0.000437	-4.21E-05	
145	-0.000688	-2.75E-05	-0.013977
-0.000504	-0.000416	-4.32E-05	
146	-0.000688	-3.79E-05	-0.014029
-0.000515	-0.000517	-4.99E-05	
147	-0.000688	-4.00E-05	-0.012475
-0.000487	-0.000737	-5.09E-05	
148	-0.000688	-4.55E-05	-0.009612
-0.000410	-0.000901	-6.41E-05	
149	-0.000688	-4.99E-05	-0.006090
-0.000292	-0.000962	-6.94E-05	
150	-0.000687	-5.06E-05	-0.002459
-0.000141	-0.000984	-5.84E-05	
151	-0.000687	-5.06E-05	-0.000408
-6.73E-05	-0.000726	-4.83E-05	
152	-0.000687	-5.33E-05	-0.003992
-0.000173	-0.000655	-4.35E-05	
153	-0.000687	-5.32E-05	-0.008295
-0.000304	-0.000501	-3.99E-05	
154	-0.000687	-5.21E-05	-0.012442
-0.000422	-0.000374	-3.91E-05	
155	-0.000687	-5.00E-05	-0.015841
-0.000519	-0.000278	-4.00E-05	
156	-0.000687	-4.20E-05	-0.017809
-0.000585	-0.000309	-4.29E-05	
157	-0.000686	-3.69E-05	-0.017939

0.000614		-0.000530		-4.71E-05				-0.016117	
158	-0.000599		-0.000686		-3.12E-05				
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JOINT DISPLACEMENTS									
TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES									
JOINT	U1	U2	U3						
R1	R2	R3							
159	-0.000686	-2.85E-05	-0.012556						
-0.000522	-0.001077	-7.90E-05							
160	-0.000686	-2.70E-05	-0.007717						
-0.000371	-0.001277	-9.81E-05							
161	-0.000686	-2.69E-05	-0.002043						
-0.000163	-0.001278	-6.17E-05							
162	-0.000686	-2.74E-05	-0.000564						
-0.000154	-0.001188	-7.81E-05							
163	-0.000894	-3.16E-05	-0.000000						
-0.000153	-0.000324	-8.39E-06							
164	-0.001291	-0.000237	-0.000000						
-2.86E-05	-0.000556	-8.02E-06							
165	-1.73E-08	-5.83E-07	-0.000000						
-3.82E-05	-0.000589	-6.73E-06							
166	-0.000910	3.75E-21	-0.000000						
-0.000171	-0.000569	-6.95E-06							
167	-0.000769	-1.49E-06	-0.000000						
-9.38E-05	-0.000628	-6.77E-06							
168	-0.000736	-4.43E-05	-0.000000						
-0.000163	-0.001237	-9.48E-06							
169	-0.000777	-4.43E-05	-0.000000						
-0.000361	-0.000287	-1.35E-05							
170	-0.001246	-4.85E-05	-0.000000						
-0.000201	-0.000525	-5.55E-06							
171	-0.000000	-0.000000	-0.000000						
-0.000174	-0.000553	-5.29E-06	-0.000000						
172	-0.000890	-4.53E-06	-0.000000						
-0.000166	-0.000561	-5.24E-06	-0.000000						
173	-0.000737	-1.65E-05	-0.000000						
-0.000166	-0.000599	-5.06E-06	-0.000000						
-0.000267	-0.001150	-8.57E-06	-0.000000						
COMB DB-G2-1 MAX									
JOINT	U1	U2	U3						
R1	R2	R3							
1.41E-05	0.000222	1.77E-05	1.38E-08						
2	0.000222	1.89E-05							
0.000108	0.000237	1.25E-06	0.000535						
3	0.000221	2.01E-05							
0.00186	0.000202	2.09E-05	0.001531						
0.000243	0.000140	2.39E-06							
0.000268	0.000221	2.11E-05	0.001839						
6	0.000221	2.07E-05	0.001955						
0.000259	1.59E-06	4.13E-06							
0.000220	0.000221	1.95E-05	0.001863						
8	0.000221	1.75E-05	0.001436						
0.000159	9.70E-05	4.58E-06							
9	0.000221	1.45E-05	0.000835						
9.03E-05	0.000146	5.05E-06							
10	0.000221	1.08E-05	1.85E-08						
3.55E-05	0.000182	3.29E-06							
4.07E-05	0.000199	8.03E-06	0.000577						
12	0.000222	4.75E-06	0.001251						
0.000108	0.000208	1.75E-06							
13	0.000222	4.54E-06	0.001702						
0.000178	0.000190	1.85E-06							
14	0.000222	6.32E-06	0.001921						
0.000235	0.000142	1.15E-06							
0.000289	0.000222	8.03E-06	0.001917						
16	0.000222	1.95E-06	0.002011						
0.000273	5.02E-05	2.69E-06							
0.000247	0.000222	4.95E-06	0.002019						
18	0.000222	8.72E-06	0.001794						
0.000196	8.01E-05	3.79E-06							
0.000129	0.000222	6.79E-06	0.001324						
20	0.000222	3.70E-06	0.000614						
6.05E-05	0.000162	3.41E-06							
21	0.000223	5.00E-06	1.85E-08						
4.91E-05	0.000203	7.72E-06	0.000611						
23	0.000224	2.21E-06							
0.00017	0.000224	0.07E-05	0.001320						
24	0.000224	1.26E-05	0.001791						
0.000186	0.000183	9.89E-07							
0.000241	0.000132	1.33E-05	0.002018						
26	0.000225	1.45E-05	0.002013						
0.000271	6.24E-05	1.92E-06	0.002051						
27	0.000225	1.60E-05	0.002051						
0.000242	5.40E-05	4.35E-06	0.002058						
28	0.000226	1.64E-05							
0.000244	5.3E-05	3.47E-06	0.001827						
0.000188	8.47E-05	3.87E-06							
30	0.000227	1.31E-05	0.001348						
0.000119	0.000120	3.88E-06							
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JOINT DISPLACEMENTS									
TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES									
JOINT	U1	U2	U3						
R1	R2	R3							
31	0.000227	8.98E-06	0.000625						
5.06E-05	0.000165	3.40E-06							
2.40E-05	0.000187	2.79E-06	2.27E-08						
33	0.000228	1.85E-06	0.000618						
5.95E-05	0.000202	2.10E-06							
0.000128	0.000204	1.28E-06	0.001337						
35	0.000228	6.02E-06	0.001817						
0.000196	0.000179	8.52E-07							
0.000247	0.000125	1.27E-06	0.002054						
37	0.000229	7.82E-06	0.002207						
0.000273	5.50E-05	2.24E-06							
0.000270	5.47E-05	3.18E-06	0.002450						
39	0.000230	7.09E-06	0.002462						
0.000236	1.66E-05	3.89E-06							
41	0.000230	6.18E-06	0.002192						
0.000179	8.66E-05	1.22E-06							
43	0.000230	5.22E-06	0.001624						
0.000109	0.000144	4.10E-06							
45	0.000230	3.45E-06	0.000757						
4.08E-05	0.000198	3.46E-06							
47	0.000231	3.89E-06	1.90E-08						
4.20E-05	0.000226	2.75E-06							
0.000101	0.000248	3.70E-06	0.000938						
49	0.000231	3.56E-06	0.001688						
0.000176	0.000243	8.87E-07							
51	0.000231	6.96E-07	0.002195						
0.000248	0.000204	6.96E-07							
47	0.000231	8.25E-06	0.002452						
0.000302	0.000134	4.11E-06							
53	0.000231	6.18E-06	0.002469						
0.000330	4.54E-05	2.43E-06							
49	0.000231	6.34E-06	0.002277						
0.000328	8.90E-05	3.39E-06	0.001915						
0.000295	8.71E-05	4.20E-06							

128 0.000270 4.00E-06 0.000739
5.08E-05 0.000179 3.10E-05 7.49E-05
129 0.000270 2.14E-05
4.80E-06 0.000221 3.07E-05
130 0.000270 8.04E-06 0.000736
3.99E-05 0.000255 3.61E-05
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
131	0.000270	1.10E-05	0.001495
0.000163	0.000273	3.99E-05	
132	0.000270	1.27E-05	0.001958
0.000280	0.000250	3.61E-05	
133	0.000270	1.31E-05	0.002158
0.000368	0.000187	2.89E-05	
134	0.000270	1.40E-05	0.002122
0.000413	0.000101	1.92E-05	
135	0.000269	1.55E-05	0.002159
0.000413	0.000269	1.61E-05	
0.000370	8.00E-05	1.04E-05	0.002197
137	0.000269	1.55E-05	
0.000282	0.000270	1.34E-05	0.001995
138	0.000270	1.33E-05	0.001523
0.000165	0.000124	9.77E-06	
139	0.000270	9.28E-06	0.000750
4.18E-05	0.000270	1.34E-05	
140	0.000270	5.31E-06	7.49E-05
4.31E-06	0.000227	1.48E-05	
141	0.000270	2.16E-06	0.000744
5.01E-05	0.000270	1.48E-05	
142	0.000270	5.49E-06	0.001513
0.000175	0.000271	2.20E-05	
0.000292	0.000270	7.75E-06	0.001987
0.000232	0.000270	1.24E-05	
144	0.000270	9.08E-06	0.002195
0.000376	0.000176	1.74E-05	
145	0.000270	9.62E-06	0.002282
0.000410	0.000270	1.84E-05	
146	0.000270	9.63E-06	0.002552
0.000411	6.04E-05	2.03E-05	
147	0.000270	9.24E-06	0.002596
0.000282	0.000270	1.49E-05	
148	0.000270	8.58E-06	0.002355
0.000272	9.07E-05	2.16E-05	
149	0.000270	7.78E-06	0.001796
0.000153	0.000270	2.50E-05	
150	0.000271	7.06E-06	0.000881
3.08E-05	0.000223	1.92E-05	
151	0.000271	6.57E-06	7.81E-05
8.45E-06	0.000271	5.20E-05	
152	0.000271	6.20E-06	0.001088
9.89E-05	0.000313	2.63E-05	
153	0.000271	6.04E-06	0.001865
0.000233	0.000315	2.70E-05	
154	0.000271	6.84E-06	0.002357
0.000350	0.000271	2.42E-05	
155	0.000271	7.66E-06	0.002584
0.000434	0.000187	1.81E-05	
156	0.000271	7.85E-06	0.002572
0.000478	8.28E-05	1.70E-05	
157	0.000271	7.58E-06	0.002356
0.000483	0.000271	1.68E-05	
158	0.000271	8.40E-06	0.001974
0.000444	9.12E-05	1.62E-05	
159	0.000271	9.52E-06	0.001465
0.000333	0.000271	1.03E-05	
160	0.000271	1.01E-05	0.000864
0.000197	0.000126	1.62E-05	
161	0.000270	1.03E-05	0.000205
1.78E-05	0.000133	9.90E-06	
162	0.000270	1.07E-05	0.000120
2.10E-05	0.000133	1.30E-05	
163	0.000270	1.06E-05	
4.23E-05	0.000243	1.12E-05	
164	0.000290	6.60E-05	0.000000
3.37E-05	0.000184	3.29E-06	
165	0.000290	1.19E-05	0.000000
2.52E-05	0.000183	2.85E-06	
166	0.000424	-3.14E-22	0.000000
7.50E-05	0.000171	2.79E-06	
167	0.000424	2.70E-05	0.000000
6.33E-05	0.000220	2.75E-06	
168	0.000411	1.30E-05	0.000000
2.30E-05	0.000130	5.84E-06	
169	0.000411	5.20E-05	0.000000
0.000133	0.000459	6.94E-06	
170	0.000392	3.19E-05	0.000000
6.64E-05	0.000259	2.47E-06	
171	0.000400	0.000000	0.000000
5.12E-05	0.000263	2.30E-06	
172	0.000580	1.44E-06	0.000000
4.99E-05	0.000267	2.51E-06	
173	0.000580	9.29E-06	0.000000
5.56E-05	0.000308	2.38E-06	
174	0.000666	3.21E-05	0.000000
6.49E-05	0.000142	1.70E-06	

COMB DB-G2-1 ----- MIN
JOINT U1 U2 U3
R1 R2 R3
1 -0.000226 -0.000124 -7.19E-09
-1.97E-05 -0.000119 -4.36E-06
-1.54E-05 -0.000226 -0.000136
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
-1.35E-05	-0.000225	-0.000147	-0.002083
4	-0.000225	3.65E-06	
-2.27E-05	-0.000225	-0.000151	-0.002829
-3.28E-05	-0.000225	-0.000148	-0.003181
-4.28E-05	-0.000225	-0.000138	-0.003091
-4.99E-05	-0.000113	-0.000124	-0.002600
8	-0.000224	-0.000105	-0.001824
-4.92E-05	-0.000160	1.20E-06	
-3.58E-05	-0.000178	-8.9E-06	-0.000909
-1.95E-05	-0.000170	-6.80E-05	-9.62E-09
-2.13E-05	-0.000153	-7.35E-06	-0.000667
-3.54E-05	-0.000114	-3.82E-06	-0.002637
-4.36E-05	-0.000114	-3.80E-06	-0.003403
-4.38E-05	-0.000114	-3.40E-06	-0.003826
-3.93E-05	-0.000114	-2.97E-06	-0.003811
-3.72E-05	-0.000114	-2.89E-06	-0.003415
-4.52E-05	-0.000117	-1.14E-06	-0.002653
-4.87E-05	-0.000170	-9.87E-07	-0.001691
-4.33E-05	-0.000197	-1.43E-06	-0.000675
-2.69E-05	-0.000196	-2.19E-06	-0.000675
21	-0.000218	-6.53E-05	-1.10E-08

-1.85E-05 -0.000183 -2.82E-06 -0.000679
-2.32E-05 -0.000219 -6.45E-05 -0.001702
-3.87E-05 -0.000118 -3.78E-06 -0.002674
-4.45E-05 -0.000220 -9.64E-06 -0.003446
-4.43E-05 -7.70E-05 -3.26E-06 -0.003870
-3.82E-05 -5.54E-05 -0.000113 -0.003872
-3.85E-05 -6.04E-05 -1.75E-06 -0.003450
-4.46E-05 -0.000221 -0.000112 -0.002679
-4.66E-05 -0.000181 -1.08E-06 -0.001707
-3.96E-05 -0.000222 -7.77E-06 -0.001707
-3.96E-05 -0.000225 -6.11E-05 -0.000682
-2.38E-05 -0.000201 -2.17E-06 -9.29E-09
-1.84E-05 -0.000185 -6.77E-05 -0.000692
-2.66E-05 -0.000163 -3.20E-06 -0.001738
-4.32E-05 -0.000119 -9.38E-05 -0.002735
-4.89E-05 -0.000102 -0.000108 -0.003534
-4.57E-05 -0.000223 -3.66E-06 -0.003981
-3.78E-05 -6.54E-05 -0.000230 -0.003981
-3.93E-05 -7.04E-05 -1.57E-06 -0.003579
-4.39E-05 -0.000142 -1.42E-06 -0.002798
-4.37E-05 -0.000194 -1.46E-06 -0.001798
-4.1E-05 -0.000224 -7.44E-05 -0.001798
-3.53E-05 -0.000218 -1.84E-06 -0.000726
-4.2E-05 -0.000224 -2.54E-06 -0.000726
-2.11E-05 -0.000214 -8.52E-05 -1.21E-08
-1.96E-05 -0.000200 -0.000106 -0.001226
-3.68E-05 -0.000168 -3.66E-06 -0.002528
-5.12E-05 -0.000123 -8.83E-06 -0.003748
-5.28E-05 -7.23E-05 -3.70E-06 -0.004708
-4.66E-05 -3.4E-05 -3.42E-06 -0.005243
-3.72E-05 -1.68E-05 -3.01E-06 -0.005250
-2.76E-05 -0.000100 -0.000148 -0.004704
-1.88E-05 -0.000197 -1.77E-06 -0.003653
-1.10E-05 -0.000225 -0.000130 -0.002213
-1.26E-05 -0.000333 -8.51E-07
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
-1.72E-05	-0.000225	-9.32E-05	-0.000525
-2.09E-05	-0.000225	-8.90E-05	-6.37E-09
-7.19E-06	-0.000130	-0.000103	-2.72E-07
-7.56E-06	-0.000133	-2.14E-06	-0.002038
-7.64E-06	-0.000125	-6.58E-05	-0.003940
-1.68E-05	-0.000111	-2.03E-06	-0.005246
-5.89E-05	-0.000133	-5.00E-05	-0.005478
-2.44E-05	-0.000125	-5.22E-05	-0.005784
-6.0	-0.000312	-5.55E-05	-0.005520
-3.15E-05	-0.000142	-6.53E-05	-0.004534
-3.46E-05	-0.000242	-2.72E-06	-0.003082
-2.92E-05	-0.000132	-6.80E-05	-0.001462
-63	-0.000312	-6.58E-05	-0.001462
-1.07E-05	-0.000308	-3.12E-06	-3.23E-07
-2.7	-0.000313	-5.82E-05	-0.001016
-3.39E-06	-0.000195	-1.40E-06	-0.002682
-9.32E-06	-0.000134	-6.58E-05	-0.004329
-67	-0.000315	-6.21E-05	-0.005658
-2.74E-05	-9.28E-05	-1.83E-06	-0.006391
-3.35E-05	-8.50E-05	-4.55E-05	-0.006394
-3.13E-05	-6.56E-05	-1.96E-06	-0.006394
-2.90E-05	-0.000128	-3.57E-05	-0.00667
-3.43E-05	-0.000229	-2.54E-06	-0.004340
-3.32E-05	-0.000316	-4.89E-05	-0.002692
-2.20E-05	-0.000337	-5.16E-05	-0.001022
-6.67E-06	-0.000315	-5.15E-05	-0.001022
-75	-0.000315	-5.98E-05	-3.23E-07
-4.22E-06	-0.000262	-2.28E-06	-0.001025
-3.23E-06	-0.000203	-6.88E-06	-0.002702
-1.55E-05	-0.000126	-1.68E-06	-0.004358
-3.03E-05	-9.41E-05	-5.90E-05	-0.005695
-3.40E-05	-8.58E-05	-1.99E-06	-0.006432
-3.17E-05	-0.000313	-5.03E-05	-0.006434
-3.19E-05	-0.000143	-1.94E-06	-0.005702
-3.46E-05	-0.000244	-2.56E-06	-0.004368
-3.11E-05	-0.000319	-3.48E-06	-0.002711
-1.67E-05	-0.000347	-6.93E-06	-0.001030
-85	-0.000311	-6.59E-05	-3.23E-07
-3.27E-06	-0.000319	-3.28E-06	-0.001039
-4.02E-06	-0.000267	-5.49E-06	-0.002738
-6.45E-06	-0.000206	-1.69E-06	-0.004419
-2.16E-05	-0.000128	-2.06E-06	-0.005782
-89	-0.000310	-5.33E-05	-0.006545
-3.34E-05	-0.000110	-2.30E-06	-0.006545
-3.48E-05	-0.000100	-2.46E-06	-0.006565
-91	-0.000309	-4.59E-05	-0.005839
-3.05E-05	-7.54E-05	-5.21E-06	-0.005839
-3.31E-05	-0.000155	-2.43E-06	-0.005839
-93	-0.000309	-6.95E-05	-0.005839
-3.36E-05	-0.000259	-7.86E-05	-0.004492
-2.74E-05	-0.000334	-3.10E-06	-0.002805
-95	-0.000308	-8.35E-05	-0.001075
-9.03E-06	-0.000362	-1.52E-06	-3.24E-07
-2.39E-06	-0.000334	-3.16E-06	-0.001768
-97	-0.000308	-7.57E-05	-0.001768
-2.63E-06	-0.000283	-2.49E-06	-0.001768
98	-0.000308	-6.03E-05	-0.001768

-1.15E-05 -0.000199 -1.33E-06 -0.003782
-3.14E-05 -0.000308 -5.36E-05 -0.005733
100 -0.000308 -5.19E-05 -0.005733
-3.77E-05 -6.47E-05 -6.26E-07 -0.007309
-3.56E-05 -0.000308 -4.79E-05 -0.008224
102 -0.000308 -4.25E-05 -0.008224
-2.95E-05 -6.49E-05 -8.39E-07
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1503.OUT

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
-2.21E-05	-0.000307	-3.62E-05	-0.008310
103	-0.000307	-1.05E-06	-0.007514
-1.45E-05	-0.000311	-1.97E-06	-0.005901
-8.63E-06	-0.000433	-3.87E-06	-0.003626
-8.37E-06	-0.000307	-5.70E-06	-0.000873
-7.69E-06	-0.000307	-6.55E-06	-0.000873
-7.54E-06	-0.000307	-7.86E-06	-0.000873
-0.000160	-0.000223	-3.05E-05	-0.001482
-6.57E-06	-0.000119	-2.30E-05	-0.002936
-1.11E-05	-0.000106	-2.35E-05	-0.003956
-2.29E-05	-0.000106	-8.96E-05	-0.004405
-113	-0.000268	-8.12E-05	-0.004405
-3.66E-05	-0.000268	-1.09E-05	-0.004232
-5.34E-05	-8.21E-05	-1.91E-05	-0.003504
-7.14E-05	-0.000267	-7.73E-05	-0.002399
-9.28E-05	-0.000267	-7.09E-05	-0.00239

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0.000188	0.000633	7.09E-06	0.003602	0.000334	0.000153	5.09E-06	0.005617	0.000539	0.000423	3.94E-05	0.003738	52	-0.000669	-0.000109	-0.007245
0.000252	0.000671	0.000169	0.003602	82	0.000704	0.000148	0.005617	159	0.000683	0.000236	0.003738	-0.000162	-0.0001033	-8.50E-06	-0.001732
13	0.000671	0.000170	0.004764	83	0.000704	0.000147	0.005106	0.000239	0.000391	1.76E-06	0.002201	-0.000109	-0.001142	-5.87E-06	-0.001732
0.000337	0.000613	6.21E-06	0.005278	0.000240	0.000227	5.09E-06	0.003900	0.000255	0.000462	3.77E-05	0.000514	54	-0.000669	-7.22E-05	-2.70E-07
14	0.000671	0.000169	0.005278	84	0.000704	0.000147	0.003900	161	0.000683	0.000296	0.000514	-9.80E-05	-0.001148	-5.90E-06	-0.001732
0.000366	0.000642	7.15E-06	0.005278	0.000240	0.000227	5.09E-06	0.003900	4.29E-05	0.000462	3.77E-05	0.000514	55	-0.000669	-7.22E-05	-3.97E-07
15	0.000671	0.000163	0.005205	85	0.000704	0.000147	0.001897	162	0.000683	0.000302	0.000514	-0.000282	-0.000317	-1.14E-05	-0.001732
0.000428	0.000254	5.88E-06	0.005428	6.79E-05	0.000483	4.58E-06	0.001880	5.20E-05	0.000342	2.90E-05	0.000514	56	-0.000697	-6.64E-05	-0.004143
16	0.000671	0.000160	0.005428	86	0.000704	0.000150	0.001880	163	0.000585	0.000498	0.000514	-0.000311	-0.000305	-1.10E-05	-0.001732
0.000437	0.000145	6.13E-06	0.005510	4.00E-05	0.000358	0.000276	0.001880	0.000275	0.000652	7.28E-06	0.000514	57	-0.000697	-6.09E-05	-0.008061
17	0.000670	0.000165	0.005510	87	0.000703	0.000149	0.001880	164	0.000683	0.000498	0.000514	-0.000346	-0.000268	-1.00E-05	-0.001732
0.000416	0.000196	6.08E-06	0.004978	8.16E-05	0.000692	6.14E-06	0.003874	0.000168	0.000568	7.26E-06	0.000514	58	-0.000698	-6.29E-05	-0.010800
18	0.000670	0.000164	0.004978	88	0.000703	0.000148	0.003874	165	8.76E-06	0.000296	0.000514	-0.000372	-0.000210	-8.46E-06	-0.011983
0.000362	0.000670	6.30E-06	0.003766	0.000166	0.000740	0.000276	0.005609	0.000180	0.000128	0.000168	0.000514	59	-0.000698	-6.09E-05	-0.001983
19	0.000670	0.000157	0.003766	89	0.000703	0.000140	0.005609	166	0.000128	0.000168	0.000514	-0.000375	-0.000127	-6.79E-06	-0.011983
0.000284	0.000314	6.32E-06	0.001808	0.000253	0.000676	7.52E-06	0.005609	0.000283	0.000510	6.89E-06	0.000514	60	-0.000699	-6.92E-05	-0.011494
20	0.000670	0.000147	0.001808	90	0.000702	0.000142	0.005609	167	0.000599	0.000298	0.000514	-0.000353	-0.000325	-6.93E-06	-0.011494
0.000213	0.000463	6.52E-06	0.001808	0.000313	0.000513	6.91E-06	0.005616	0.000247	0.000652	7.28E-06	0.000514	61	-0.000703	-7.03E-05	-0.009505
Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT		91	0.000702	0.000137	0.005616	168	0.0001338	0.000433	0.000514	-0.000311	-0.000537	-7.63E-06	-0.009505
				0.000339	0.000288	5.79E-06	0.005616	0.000216	0.000344	1.05E-05	0.000514	62	-0.000701	-6.87E-05	-0.006516
				92	0.000701	0.000135	0.005609	169	0.000599	6.79E-05	0.000514	-0.000251	-0.000661	-6.71E-06	-0.003136
				0.000332	0.000152	4.48E-06	0.006630	0.000149	0.000927	1.19E-05	0.000514	63	-0.000702	-6.15E-05	-0.003136
				93	0.000701	0.000147	0.006630	170	0.000903	7.23E-05	0.000514	-0.000179	-0.000670	-6.88E-06	-0.003136
				0.000295	0.000206	4.93E-06	0.006630	7.57E-05	0.000576	5.06E-06	0.000514	64	-0.000702	-5.31E-05	-4.77E-07
				94	0.000701	0.000150	0.006630	Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT		-0.000136	-0.000565	-5.49E-06	-0.002214
				0.000228	0.000230	5.06E-06	0.004597	Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT		-0.000169	-0.000475	-4.75E-06	-0.002214
				95	0.000700	0.000146	0.004597	0.000142	0.000375	4.63E-06	0.002233	66	-0.000704	-6.09E-05	-0.005577
				5.05E-05	0.000259	4.63E-06	0.002233	96	0.000700	0.000156	0.002233	-0.000249	-0.000300	-6.09E-05	-0.009223
				97	0.000700	0.000166	5.93E-08	0.000171	0.000000	0.000000	5.93E-08	-0.000317	-0.000226	-5.26E-06	-0.012014
				7.03E-05	0.000703	5.51E-06	0.002767	98	0.000684	0.000119	0.002767	58	-0.000705	-5.73E-05	-0.012014
				0.000138	0.000485	6.75E-06	0.004768	99	0.000700	0.000169	0.004768	-0.000360	-0.000705	-5.15E-05	-0.013560
				0.000228	0.000877	7.97E-06	0.006017	0.000228	0.000877	7.97E-06	0.006017	69	-0.000705	-5.15E-05	-0.013560
				100	0.000700	0.000169	0.006017	101	0.000700	0.000154	0.006588	-0.000374	-0.000154	-5.24E-06	-0.013560
				0.000380	0.000593	7.98E-06	0.006588	171	0.000000	0.000000	0.000000	-0.000342	-0.000495	-6.45E-06	-0.013560
				102	0.000700	0.000169	0.006588	4.92E-05	0.000587	5.27E-06	0.000514	72	-0.000705	-4.91E-05	-0.009257
				0.000408	0.000329	7.11E-06	0.005993	4.35E-05	0.000598	5.40E-06	0.000514	-0.000297	-0.000588	-5.91E-06	-0.005789
				103	0.000700	0.000157	0.005993	173	0.000599	1.34E-05	0.000514	-0.000232	-0.000724	-6.99E-06	-0.005789
				0.000400	0.000155	6.48E-06	0.005017	4.44E-05	0.000705	5.51E-06	0.000514	74	-0.000705	-5.34E-06	-0.002232
				0.000355	0.000228	7.15E-06	0.005017	2.94E-05	0.000344	1.01E-05	0.000514	-0.000154	-0.000049	-5.91E-06	-0.002232
				105	0.000700	0.000195	0.003720	COMB DB-G2-3	MIN			75	-0.000705	-5.14E-05	-4.77E-07
				0.000276	0.000282	8.49E-06	0.002192	JOINT				-0.000125	-0.000587	-5.30E-06	-0.002240
				0.000700	0.000189	0.000189	0.002192	106	0.000683	0.000137	0.002192	76	-0.000704	-5.78E-05	-0.002240
				0.000166	0.000320	9.81E-06	0.00516	107	0.000700	0.000264	0.00516	-0.000158	-0.000704	-6.57E-05	-0.005814
				107	0.000700	0.000150	0.00516	8.19E-05	-0.000663	-0.000132	0.00516	-0.000239	-0.000312	-4.68E-06	-0.009305
				4.65E-05	0.000340	1.01E-05	3.02E-08	-8.19E-05	-0.000663	-0.000132	0.00516	78	-0.000704	-6.75E-05	-0.009305
				0.000166	0.000340	1.01E-05	0.00516	108	0.000684	-0.000147	-0.003784	-0.000307	-0.000704	-6.37E-05	-0.012114
				4.20E-05	0.000341	1.01E-05	0.00516	-0.000118	-0.000305	-1.00E-05	0.00516	-0.000351	-0.000209	-5.05E-06	-0.013667
				7.34E-05	0.001256	0.000110	0.00416	109	0.000684	-0.000147	-0.003784	80	-0.000704	-5.65E-05	-0.013667
				0.000167	0.001081	5.75E-05	0.00416	-0.000157	-0.000305	-1.00E-05	0.00516	-0.000370	-0.000277	-5.31E-06	-0.013667
				111	0.000685	0.000281	0.002871	4	0.000684	-0.000168	-0.009929	81	-0.000704	-5.65E-05	-0.013667
				0.000369	0.000932	6.84E-05	0.004082	10	0.000685	-0.000166	-0.011049	-0.000370	-0.000704	-6.39E-05	-0.012130
				0.000466	0.000707	5.30E-05	0.004082	6	0.000685	-0.000155	-0.010625	-0.000351	-0.000500	-5.78E-06	-0.009325
				113	0.000685	0.000211	0.004929	-0.000168	-0.000263	-8.28E-06	0.00516	-0.000307	-0.000663	-7.14E-06	-0.005834
				0.000528	0.000467	4.81E-05	0.005288	-0.000143	0.000666	-0.000136	-0.008814	84	-0.000704	-6.57E-05	-0.005834
				0.000515	0.000289	4.50E-05	0.005041	-0.000143	0.000666	-0.000136	-0.008814	-0.000239	-0.000729	-5.91E-06	-0.002251
				115	0.000686	0.000190	0.005041	8	0.000667	-0.000110	-0.006069	85	-0.000703	-5.83E-05	-0.002251
				0.000449	0.000335	4.40E-05	0.004102	-0.000100	-0.000590	-8.00E-06	0.00516	-0.000157	-0.000683	-6.06E-06	-4.78E-07
				0.000338	0.000454	5.40E-05	0.004102	-4.08E-05	0.000667	-8.09E-06	-0.002944	-0.000123	-0.000591	-5.24E-06	-0.002274
				117	0.000686	0.000189	0.002389	10	0.000667	-6.04E-05	-0.323E-07	86	-0.000703	-4.19E-05	-0.002274
				0.000189	0.000608	4.99E-05	0.002389	-2.32E-05	-0.000527	-7.82E-06	0.00516	-0.000155	-0.000478	-4.61E-06	-0.005906
				7.23E-05	0.000683	4.77E-05	0.001663	-4.82E-05	0.000668	-6.89E-06	0.00516	88	-0.000703	-5.04E-05	-0.005906
				119	0.000686	0.000177	0.001663	12	0.000668	-8.96E-05	-0.005400	-0.000234	-0.000624	-6.88E-06	-0.009460
				0.000171	0.000854	5.68E-05	0.003565	-0.000112	-0.000297	-6.84E-06	0.00516	-0.000299	-0.000273	-5.35E-06	-0.012336
				0.000257	0.000951	6.66E-05	0.003565	-0.000163	0.000668	-0.000111	-0.008615	89	-0.000703	-5.39E-05	-0.012336
				Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT		-0.000163	0.000668	-0.000111	-0.008615	-0.000344	-0.000246	-5.65E-06	-0.013952
				0.000190	-0.000203	-6.25E-06	0.00516	-0.000190	-0.000203	-6.25E-06	0.00516	-0.000366	-0.000184	-6.10E-06	-0.014000
				-0.000192	-0.000150	-6.33E-06	0.00516	-0.000192	-0.000150	-6.33E-06	0.00516	-0.000375	-0.000275	-6.19E-06	-0.014000
				16	0.000668	-0.000140	-0.012645	-0.000179	-0.000234	-6.10E-06	0.00516	Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT	
				-0.000179	-0.000234	-6.10E-06	-0.012645	-0.000179	-0.000234	-6.10E-06	0.00516	19	-0.000668	-6.02E-06	-0.005433
				-0.000170	-0.000442	-5.70E-06	-0.011228	-0.000170	-0.000442	-5.70E-06	0.00516	-0.000170	-0.000442		

129	-0.000686	-5.44E-05	-0.000363	2.36E-05	0.000512	5.49E-06	0.003061	3.96E-05	0.000422	2.83E-07	0.003222	4.58E-05	0.000340	2.85E-06	
-6.88E-05	-0.000673	-4.98E-05		23	0.000544	0.000116		100	0.000412	7.75E-05		7.00	0.000771	3.94E-05	.000000
-0.00137	-0.000563	-5.05E-05	-0.002312	6.27E-05	0.000522	0.000140		5.76E-05	0.000412	0.000064		2.04E-05	0.000771	1.58E-05	
131	-0.000685	-5.46E-05	-0.005795	8.36E-05	0.000545	5.36E-06		101	0.000412	6.80E-05	0.003589	171	0.000000	0.000000	
-0.000238	-0.000496	-4.85E-05		25	0.000542	0.000160	0.004961	6.47E-05	0.000260	6.82E-07		1.52E-05	0.000338	2.62E-06	
132	-0.000685	-5.51E-05	-0.009226	9.23E-05	0.000516	0.000160		102	0.000413	5.73E-05	0.003607	172	0.000834	2.62E-06	.000000
-0.000307	-0.000422	-4.40E-05		26	0.000541	0.000172	0.005275	6.55E-05	0.000414	6.46E-05	0.003322	6.53E-06	0.000029	2.30E-06	
133	-0.000685	-5.29E-05	-0.012051	9.37E-05	0.000540	0.000172		103	0.000414	4.66E-05		1.09E-21	0.000402	2.81E-06	.000000
-0.000348	-0.000416	-4.42E-05		27	0.000540	0.000172	0.005297	6.24E-05	0.000414	4.47E-05	0.002791	174	0.000921	4.44E-05	.000000
134	-0.000685	-4.63E-05	-0.013622	9.39E-05	0.000523	0.000160		104	0.000414	3.62E-06		1.29E-05	0.000190	9.93E-06	
-0.000361	-0.000405	-4.71E-05		28	0.000539	0.000160	0.004995	5.70E-05	0.000419	6.37E-05	0.002072				
135	-0.000685	-4.91E-05	-0.013627	9.21E-05	0.000530	8.78E-07		105	0.000422	7.64E-06					
-0.000359	-0.000537	-5.23E-05		29	0.000538	0.000139	0.004264	5.00E-05	0.000422	9.80E-05	0.001221				
136	-0.000685	-5.05E-05	-0.012067	8.31E-05	0.000538	0.000160		106	0.000422	2.32E-05					
-0.000346	-0.000751	-5.82E-05		30	0.000538	0.000114	0.003098	4.18E-05	0.000427	0.000144	0.000287				
137	-0.000685	-5.67E-05	-0.009427	6.15E-05	0.000526	2.60E-06		107	0.000428	9.91E-06					
-0.000305	-0.000907	-6.24E-05	-0.005813	33	0.000537	9.40E-05	0.001453	3.11E-05	0.000428	0.000158	2.08E-08				
138	-0.000685	-5.82E-05		32	0.000536	8.84E-05		108	0.000428	0.000158		-0.000192	-0.000513	-6.68E-05	-2.78E-07
-0.000237	-0.000958	-6.70E-05		33	0.000536	8.84E-05	0.001453	3.11E-05	0.000428	0.000158		-0.000513	-0.000513	-6.68E-05	-2.78E-07
139	-0.000685	-5.52E-05	-0.002322	7.19E-06	0.000448	5.26E-06		109	0.000465	0.000174	2.40E-05	-0.000192	-0.000513	-6.68E-05	-2.78E-07
-0.000136	-0.000884	-5.84E-05	-0.000363	9.22E-06	0.000502	8.17E-06		110	0.000466	0.000163	0.000835	-0.000342	-0.000162	-4.67E-05	-0.007101
140	-0.000685	-5.45E-05		34	0.000534	0.000108	0.003370	9.12E-05	0.000466	0.000163		-0.000342	-0.000162	-4.67E-05	-0.007101
-6.52E-05	-0.000677	-4.25E-05		35	0.000534	0.000108	0.003370	9.12E-05	0.000466	0.000163		-0.000342	-0.000162	-4.67E-05	-0.007101
141	-0.000685	-5.53E-05	-0.002346	5.04E-05	0.000511	6.73E-06		111	0.000466	0.000163	0.000835	-0.000342	-0.000162	-4.67E-05	-0.007101
-0.000137	-0.000566	-5.83E-05	-0.005886	7.69E-05	0.000543	0.000132		112	0.000468	0.000133	0.002396	-0.000385	-0.000126	-4.00E-05	-0.007892
142	-0.000685	-5.83E-05		36	0.000533	0.000154	0.005565	6.39E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
-0.000235	-0.000499	-4.46E-05		37	0.000533	0.000154	0.005565	6.39E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
Program	SAP2000 Nonlinear Version 7.42			38	0.000532	0.000174	0.006172	7.44E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
File:상행S11-S1503.OUT				39	0.000532	0.000174	0.006172	7.44E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				40	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				41	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				42	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				43	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				44	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				45	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				46	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				47	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				48	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				49	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				50	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				51	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				52	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				53	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				54	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				55	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				56	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				57	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				58	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				59	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				60	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				61	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				62	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				63	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				64	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				65	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				66	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				67	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				68	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				69	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				70	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				71	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				72	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				73	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				74	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				75	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				76	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				77	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				78	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				79	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				80	0.000531	0.000151	0.005054	8.47E-05	0.000470	0.000124	0.002894	-0.000385	-0.000126	-4.00E-05	-0.007892
				81	0.000531	0.000151									

70 -0.000387 -4.33E-05 -0.005954
-0.000381 -0.000109 -1.64E-06 -0.005390
-0.000337 -0.000191 -1.18E-06
72 -0.000387 -2.30E-05 -0.004276
-0.000262 -0.000277 9.31E-07
73 -0.000386 -6.07E-06 -0.002798
-0.000169 -0.000325 -8.67E-07
74 -0.000388 -8.11E-06 -0.001152
-7.99E-05 -0.000335 -1.69E-06 -4.50E-08
-5.94E-05 -0.000323 -2.59E-06
76 -0.000389 -6.30E-06 -0.001219
-9.49E-05 -0.000300 -3.41E-06 -0.002995
-0.000189 -0.000247 -4.15E-06
78 -0.000390 -7.05E-06 -0.004630
-0.000279 -0.000187 -1.66E-05 -0.005909
-0.000349 -0.000127 -3.58E-06
80 -0.000391 -2.36E-05 -0.006618
-0.000387 -8.59E-05 -2.45E-06
81 -0.000392 -2.31E-05 -0.006645
-0.000387 -0.000108 -1.71E-06
82 -0.000392 -1.56E-05 -0.005984
-0.000349 -0.000198 -1.98E-06 -0.004733
83 -0.000393 -6.30E-06 -0.004733
-0.000278 -0.000294 -1.14E-06
84 -0.000394 -5.50E-06 -0.003095
-0.000187 -0.000350 -1.02E-06
85 -0.000394 -6.63E-06 -0.001275
-9.29E-05 -0.000366 -1.61E-06
86 -0.000394 -7.48E-06 -4.39E-08
-5.84E-05 -0.000357 -2.34E-06
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
87	-0.000395	-8.22E-06	-0.001175
-8.10E-05	-0.000395	-8.22E-06	-0.001175
88	-0.000395	-9.90E-06	-0.002863
-0.000172	-0.000282	-3.88E-06	
89	-0.000396	-1.70E-05	-0.004392
-0.000255	-0.000224	-6.08E-06	
90	-0.000397	-2.60E-05	-0.005559
-0.000339	-0.000157	-3.39E-06	
-0.000383	-0.000397	-2.89E-05	-0.006169
-0.000202	-0.000245	-6.06E-06	
92	-0.000397	-2.38E-05	-0.006126
-0.000389	-0.000101	-2.18E-06	
93	-0.000397	-1.22E-05	-0.005443
-0.000356	-0.000179	-5.53E-06	
94	-0.000396	-1.73E-06	-0.004234
-0.000290	-0.000264	-9.50E-06	-0.002711
95	-0.000399	-1.59E-06	-0.002711
-0.000202	-0.000309	-1.59E-06	-0.002711
96	-0.000394	-1.48E-05	-0.001089
-0.000110	-0.000313	-1.96E-06	
97	-0.000394	-1.80E-05	-4.79E-08
-7.03E-05	-0.000296	-6.57E-06	
98	-0.000394	-2.19E-05	-0.002075
-0.000107	-0.000252	-3.32E-06	
99	-0.000394	-2.64E-05	-0.004162
-0.000211	-0.000187	-1.59E-06	
100	-0.000394	-3.33E-05	-0.006029
-0.000322	-0.000115	-3.47E-06	
101	-0.000395	-3.91E-05	-0.007432
-0.000414	-0.000145	-4.78E-06	
102	-0.000396	-3.72E-05	-0.008157
-0.000476	-9.77E-06	-2.36E-06	
-0.000500	-0.000157	-2.65E-05	-0.008082
104	-0.000398	-6.88E-05	-0.007191
-0.000480	-0.000209	-2.42E-06	
-0.000419	-0.000344	-1.74E-05	-0.005563
106	-0.000400	-1.77E-05	-0.003365
-0.000316	-0.000450	-2.49E-06	
-0.000191	-0.000510	-2.53E-05	-0.000798
108	-0.000401	-2.84E-05	-8.59E-09
-0.000165	-0.000515	-2.49E-06	
-7.86E-06	-0.000187	-5.84E-06	-9.46E-06
110	-0.000450	-4.95E-05	-0.002136
-0.000203	-0.000177	-1.33E-05	
111	-0.000450	-4.01E-05	-0.004166
-0.000400	-0.000153	-2.24E-05	
112	-0.000452	-3.10E-05	-0.005605
-0.000498	-0.000117	-2.33E-05	
113	-0.000452	-2.25E-05	-0.006284
-0.000515	-0.000103	-2.39E-05	
114	-0.000454	-1.69E-05	-0.006132
-0.000466	-0.000169	-3.10E-05	
115	-0.000455	-1.42E-05	-0.005205
-0.000366	-0.000287	-3.95E-05	
116	-0.000456	-9.71E-06	-0.003697
-0.000228	-0.000363	-4.57E-05	-0.001861
-7.46E-05	-0.000384	-4.94E-05	
118	-0.000457	-6.88E-06	-9.16E-06
-3.03E-06	-0.000349	-4.45E-05	
-8.04E-05	-0.000307	-4.30E-05	-0.001250
120	-0.000458	-6.33E-06	-0.003215
-0.000237	-0.000242	-4.46E-05	
122	-0.000459	-7.04E-06	-0.006630
-0.000479	-0.000129	-3.63E-05	-0.007504
-0.000525	-0.000105	-3.24E-05	
124	-0.000459	-8.09E-06	-0.007578
-0.000517	-0.000153	-9.95E-05	
-0.000456	-0.000251	-2.70E-05	-0.005385
126	-0.000459	-8.55E-06	-0.005385
-0.000345	-0.000358	-2.46E-05	-0.003483
127	-0.000458	-8.32E-06	-0.003483
-0.000200	-0.000413	-2.11E-05	-0.001402
128	-0.000458	-7.83E-06	-0.001402
-4.63E-05	-0.000413	-1.43E-05	-9.50E-06
129	-0.000458	-7.52E-06	-9.50E-06
-7.00E-06	-0.000380	-1.02E-05	-0.001469
130	-0.000458	-7.37E-06	-0.001469
-6.95E-05	-0.000333	-9.63E-06	-0.003682
131	-0.000459	-6.91E-06	-0.003682
-0.000223	-0.000259	-1.24E-05	-0.005744
132	-0.000458	-5.93E-06	-0.005744
-0.000366	-0.000193	-2.85E-05	-0.007359
133	-0.000458	-5.17E-06	-0.007359
-0.000472	-0.000129	-2.07E-05	-0.008253
134	-0.000458	-4.86E-06	-0.008253
-0.000525	-0.000103	-2.35E-05	-0.008281
135	-0.000458	-4.72E-06	-0.008281
-0.000525	-0.000149	-3.49E-05	-0.007437
136	-0.000458	-4.76E-06	-0.007437
-0.000471	-0.000253	-3.66E-05	
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
137	-0.000458	-5.32E-06	-0.005852
-0.000365	-0.000171	-3.11E-05	-0.003787
138	-0.000458	-6.31E-06	-0.003787
-0.000222	-0.000437	-5.69E-05	-0.001529
139	-0.000458	-6.74E-06	-0.001529
-6.85E-05	-0.000446	-5.22E-05	

140 -0.000458 -6.73E-06 -0.001529
-7.25E-06 -0.000418 -4.52E-05 -0.001426
-5.11E-05 -0.000373 -4.66E-05
142 -0.000457 -6.52E-06 -0.003551
-0.000204 -0.000298 -4.50E-05
143 -0.000457 -9.16E-06 -0.005505
-0.000349 -0.000232 -3.89E-05
144 -0.000457 -5.81E-06 -0.007005
-0.000460 -0.000162 -3.28E-05 -0.007798
-0.000457 -6.97E-06 -0.000119
-0.000520 -1.26E-05
146 -0.000456 -6.99E-06 -0.007756
-0.000527 -0.000141 -4.43E-05
147 -0.000456 -8.16E-06 -0.006888
-0.000479 -0.000229 -2.69E-05
148 -0.000456 -1.20E-05 -0.005344
-0.000378 -0.000338 -3.43E-05
149 -0.000456 -1.62E-05 -0.003394
-0.000236 -0.000395 -3.85E-05
150 -0.000456 -2.00E-05 -0.001336
-8.03E-05 -0.000394 -3.47E-05
151 -0.000456 -2.38E-05 -0.001405
-2.94E-06 -0.000359 -3.23E-05
152 -0.000456 -2.46E-05 -0.002497
-7.52E-05 -0.000283 -6.60E-05
153 -0.000457 -2.82E-05 -0.005090
-0.000248 -0.000198 -2.75E-05
154 -0.000457 -2.69E-05 -0.007435
-0.000408 -0.000115 -2.69E-05
-0.000537 -3.92E-05 -2.23E-05
156 -0.000458 -2.63E-05 -0.010168
157 -0.000458 -2.15E-05 -0.010135
158 -0.000459 -2.44E-05 -0.009081
-0.000304 -0.000240 -2.38E-05 -0.007095
-0.000542 -0.000423 -5.33E-05
160 -0.000461 -2.87E-05 -0.004341
-0.000364 -0.000575 -6.60E-05
161 -0.000461 -3.18E-05 -0.001034
-7.43E-05 -0.000685 -4.37E-05
162 -0.000461 -3.38E-05 -8.39E-06
-8.82E-06 -0.000704 -7.26E-05 -0.000000
-0.000191 -0.000196 -8.42E-07
164 -0.000395 -0.000213
-6.43E-05 -0.000418 -6.60E-06
165 -2.87E-07 -9.70E-06 -0.000000
-7.10E-05 -0.000438 -4.63E-06
166 -0.000360 -1.37E-05 -0.000000
-0.000174 -0.000441 -5.33E-06
167 -0.000378 -1.45E-05 -0.000000
-0.000106 -0.000402 -4.81E-06
168 -0.000697 -9.49E-05 -0.000000
-0.000244 -0.000399 -9.05E-06
169 -0.000406 -2.22E-05 -0.000000
-0.000132 -0.000164 -8.89E-06
170 -0.000708 -3.96E-05 -0.000000
-7.91E-05 -0.000291 -2.92E-06
171 -0.000000 -0.000000
-6.59E-05 -0.000321 -2.59E-06
172 -0.000732 -2.99E-06 -0.000000
-6.02E-05 -0.000356 -2.84E-06
173 -0.000555 -1.24E-05 -0.000000
-6.22E-05 -0.000298 -2.57E-06
174 -0.000559 -2.70E-05 -0.000000
-0.000115 -0.000528 -2.49E-06

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
175	0.000923	0.000464	5.06E-08
0.000212	0.010340	1.05E-05	
0.000204	0.000942	1.05E-05	0.001588
3	0.000921	0.000476	0.003205
0.000210	0.000711	0.000476	
0.000222	0.000921	0.000476	0.004556
5	0.000923	7.50E-06	0.005515
0.000234	0.000157	6.34E-06	0.005949
0.000241	1.04E-05	5.63E-06	
0.000238	0.000928	0.000366	0.005729
0.000238	0.000126	0.000366	0.004741
0.000219	0.000289	5.85E-06	
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
9	0.000935	0.000335	0.002856
0.000185	0.000474	6.93E-06	
0.000186	0.000937	0.000315	7.03E-08
5.29E-06	0.000666	6.93E-06	
11	0.000939	0.000318	0.002339
0.000212	0.000773	9.54E-06	0.005077
12	0.000941	0.000335	
0.000245	0.000810	1.05E-05	
13	0.000942	0.000356	0.007110
0.000262	0.000713	9.81E-06	0.008462
14	0.000942	0.000373	
0.000267	0.000505	8.00E-06	
15	0.000943	0.000379	0.009106
0.000265	0.000310	6.82E-06	0.009265
16	0.000943	0.000377	
0.000265	0.000191	0.000377	0.008074
17	0.000943	0.000369	0.008074
0.000261	0.000222	4.39E-06	
18	0.000943	0.000349	0.007555
0.000248	0.000348	9.80E-06	0.005499
19	0.000943	0.000324	0.005499
0.000219	0.000495	5.49E-06	0.002575
0.000943	0.000301	6.00E-06	
0.000175	0.000670	8.00E-06	1.11E-07
21	0.000943	0.000301	1.11E-07
0.000169	0.000790	8.24E-06	0.002494
22	0.000943	0.000310	
0.000191	0.000880	9.38E-06	0.005378
23	0.000940	0.000333	0.005378
0.000232	0.000892	1.02E-05	0.007469
24	0.000939	0.000359	
0.000255	0.000772	9.82E-06	0.008811
25	0.000937	0.000379	0.008811
0.000264	0.000540	8.49E-06	0.009388
26	0.000938	0.000379	0.009388
0.000265	0.000335	9.90E-06	0.009427
27	0.000935	0.000388	
0.000266	0.000211	5.50E-06	0.008872
28	0.000939	0.000379	
0.000264	0.000236	4.68E-06	0.007541
29	0.000933	0.000359	0.007541
0.000255	0.000356	5.08E-06	0.005442
30	0.000932	0.000356	
0.000231	0.000493	5.98E-06	0.002530
31	0.000931	0.000308	0.002530
0.000189	0.000857	7.61E-06	1.30E-07
32	0.000930	0.000308	
0.000168	0.000771	8.95E-06	0.002729
33	0.000929	0.000301	0.002729
0.000175	0.000854	1.02E-05	0.005934
34	0.000928	0.000324	
0.000222	0.000861	1.11E-05	0.008316
35	0.000926	0.000350	
0.000252	0.000740	1.08E-05	0.009898
36	0.000922	0.000372	
0.000267	0.000513	9.40E-06	0.010716
37	0.000925	0.000384	

11 -0.000909 -1.11E-05 -0.002564
-0.000126 -0.000605 8.95E-06 -0.006651
62 -0.000017 -1.29E-05 -0.000000
-0.000231 -0.000462 -6.27E-06 -0.010595
13 -0.000915 -1.68E-05 -0.010595
-0.000328 -0.000347 5.37E-06 -0.013749
16 -0.000000 -0.000000 -0.000000 -0.000000
-0.000399 -0.000240 -4.98E-06 -0.015548
15 -0.000919 -2.44E-05 -0.015548
-0.000428 -0.000204 -5.73E-06 -0.015684
24 -0.000017 -2.97E-05 -0.015684
-0.000415 -0.000304 -6.97E-06 -0.011421
17 -0.000919 -2.47E-05 -0.011421
-0.000361 -0.000496 8.45E-06 -0.011103
18 -0.000017 -2.14E-05 -0.011103
-0.000273 -0.000721 -9.77E-06 -0.007146
19 -0.000918 -1.56E-05 -0.007146
-0.000167 -0.000483 -1.02E-05 -0.002847
20 -0.000017 -9.20E-06 -0.002847
-6.60E-05 -0.000840 -9.39E-06 -0.01978E-07
21 -0.000916 -8.02E-06 -0.01978E-07
-4.85E-05 -0.000759 -8.99E-06 -0.002700
22 -0.000017 -9.39E-06 -0.002700
-9.81E-05 -0.000648 -7.10E-06 -0.007513
23 -0.000914 -1.57E-05 -0.007513
-0.000024 -0.000489 -5.62E-06 -0.011764
24 -0.000017 -2.97E-05 -0.011764
-0.000306 -0.000358 -4.85E-06 -0.015091
25 -0.000912 -2.78E-05 -0.015091
-0.000385 -0.000239 -5.59E-06 -0.016928
26 -0.000017 -9.39E-06 -0.016928
-0.000426 -0.000208 -5.47E-06 -0.016982
27 -0.000910 -2.93E-05 -0.016982
-0.000426 -0.000322 -6.89E-06 -0.015239
28 -0.000909 -2.68E-05 -0.015239
-0.000383 -0.000527 -8.51E-06 -0.011967
29 -0.000909 -2.16E-05 -0.011967
-0.000304 -0.000768 -9.63E-06 -0.007710
30 -0.000017 -1.41E-05 -0.007710
-0.000201 -0.000502 -1.06E-05 -0.000000
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT U1 U2 U3
R1 R2 R3
1 -0.000907 -7.55E-06 -0.003083
-9.48E-05 -0.000906 -1.00E-05
-4.71E-05 -0.000906 -5.39E-06 -9.75E-07
-0.000000 -0.000000 -0.000000 -0.000000
-6.85E-03 -0.000718 -8.03E-06 -0.002893
34 -0.000904 -1.28E-05 -0.002725
-0.000171 -0.000556 -6.89E-06 -0.011327
35 -0.000903 -2.08E-05 -0.011327
-0.000278 -6.01E-06 -0.014444
-0.000365 -2.78E-05 -0.014444
37 -0.000900 -3.27E-05 -0.016094
-0.000417 -6.00E-06 -0.016017
38 -0.000900 -3.48E-05 -0.016017
-0.000429 -0.000328 -5.69E-06 -0.014230
39 -0.000899 -3.55E-05 -0.014230
-0.000398 -8.51E-06 -0.011029
40 -0.000900 -3.49E-05 -0.011029
-0.000327 -0.000729 -9.56E-06 -0.006982
41 -0.000901 -3.28E-05 -0.006982
-0.000229 -0.000838 -1.02E-05 -0.002725
42 -0.000902 -3.48E-05 -0.002725
-0.000124 -0.000614 -9.49E-06 -0.012061
43 -0.000903 -3.79E-05 -0.012061
-6.43E-05 -0.000716 -8.42E-06 -0.005038
44 -0.000902 -4.37E-05 -0.005038
-8.40E-05 -0.000535 -6.73E-06 -0.010348
45 -0.000905 -5.05E-05 -0.010348
-0.000200 -0.000360 -5.34E-06 -0.015176
-0.000329 -0.000201 -4.83E-06 -0.018858
47 -0.000907 -5.86E-05 -0.018858
-0.000441 -6.09E-05 -0.020849
-0.000521 -5.98E-05 -0.020849
49 -0.000909 -5.73E-05 -0.020838
-0.000560 -6.41E-06 -0.018741
-0.000552 -7.88E-06 -0.014718
51 -0.000911 -5.13E-05 -0.014718
-0.000495 -9.95E-06 -0.009067
52 -0.000912 -5.12E-05 -0.009067
-0.000392 -0.01231 -1.16E-05 -0.002187
53 -0.000914 -5.79E-05 -0.002187
-0.000263 -0.01421 -2.88E-05 -4.51E-07
54 -0.000907 -6.00E-05 -4.51E-07
-0.000236 -0.01436 -1.28E-05 -1.03E-07
55 -0.000741 -8.13E-05 -1.03E-07
-0.000389 -0.000322 -1.52E-05 -0.003200
56 -0.000741 -6.30E-05 -0.003200
-0.000467 -0.000308 -1.47E-05 -0.006281
57 -0.000746 -4.61E-05 -0.006281
-0.000554 -0.000269 -3.51E-05 -0.008513
58 -0.000748 -3.58E-05 -0.008513
-0.000602 -0.000207 -1.05E-05 -0.009610
59 -0.000751 -2.94E-05 -0.009610
-0.000603 -0.000144 -7.70E-06 -0.009435
60 -0.000751 -2.47E-05 -0.009435
-0.000557 -0.000233 -5.07E-06 -0.008063
61 -0.000755 -2.07E-05 -0.008063
-0.000474 -0.000422 -4.13E-06 -0.005776
62 -0.000755 -1.83E-05 -0.005776
-0.000368 -0.000555 -3.68E-06 -0.002946
63 -0.000758 -1.09E-05 -0.002946
-0.000273 -0.000607 -3.61E-06 -2.86E-07
64 -0.000758 -9.13E-06 -2.86E-07
-0.000252 -0.000582 -5.22E-06 -0.001986
65 -0.000758 -1.03E-05 -0.001986
-0.000298 -0.000533 -5.48E-06 -0.005057
66 -0.000758 -1.29E-05 -0.005057
-0.000412 -0.000437 -7.84E-06 -0.008008
67 -0.000755 -1.83E-05 -0.008008
-0.000517 -0.000338 -8.59E-06 -0.010386
68 -0.000754 -3.87E-05 -0.010386
-0.000592 -0.000236 -7.99E-06 -0.011761
69 -0.000753 -4.91E-05 -0.011761
-0.000626 -0.000167 -6.58E-06 -0.011892
70 -0.000753 -5.16E-05 -0.011892
-0.000614 -0.000222 -5.64E-06 -0.010745
71 -0.000752 -4.36E-05 -0.010745
-0.000559 -0.000381 -5.19E-06 -0.008500
72 -0.000752 -2.89E-05 -0.008500
-0.000469 -0.000544 -4.86E-06 -0.005533
73 -0.000752 -1.75E-05 -0.005533
-0.000358 -0.000649 -4.90E-06 -0.002256
74 -0.000753 -1.01E-05 -0.002256
-0.000255 -0.000662 -4.95E-06 -2.99E-07
75 -0.000753 -7.10E-06 -2.99E-07
-0.000235 -0.000627 -6.93E-06 -0.002376
76 -0.000753 -6.63E-06 -0.002376
-0.000388 -0.000754 -1.23E-05 -0.005891
77 -0.000754 -9.00E-06 -0.005891
-0.000388 -0.000755 -1.48E-05 -0.009142
78 -0.000755 -8.21E-06 -0.009142
-0.000496 -0.000756 -2.63E-05 -0.011686
79 -0.000756 -0.000332 -0.011686
80 -0.000756 -3.48E-05 -0.013097
-0.000624 -0.000167 -6.31E-06 -0.000000
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT U1 U2 U3
R1 R2 R3
1 -0.000907 -7.55E-06 -0.003083
-9.48E-05 -0.000906 -1.00E-05
-4.71E-05 -0.000906 -5.39E-06 -9.75E-07
-0.000000 -0.000000 -0.000000 -0.000000
-6.85E-03 -0.000718 -8.03E-06 -0.002893
34 -0.000904 -1.28E-05 -0.002725
-0.000171 -0.000556 -6.89E-06 -0.011327
35 -0.000903 -2.08E-05 -0.011327
-0.000278 -6.01E-06 -0.014444
-0.000365 -2.78E-05 -0.014444
37 -0.000900 -3.27E-05 -0.016094
-0.000417 -6.00E-06 -0.016017
38 -0.000900 -3.48E-05 -0.016017
-0.000429 -0.000328 -5.69E-06 -0.014230
39 -0.000899 -3.55E-05 -0.014230
-0.000398 -8.51E-06 -0.011029
40 -0.000900 -3.49E-05 -0.011029
-0.000327 -0.000729 -9.56E-06 -0.006982
41 -0.000901 -3.28E-05 -0.006982
-0.000229 -0.000838 -1.02E-05 -0.002725
42 -0.000902 -3.48E-05 -0.002725
-0.000124 -0.000614 -9.49E-06 -0.012061
43 -0.000903 -3.79E-05 -0.012061
-6.43E-05 -0.000716 -8.42E-06 -0.005038
44 -0.000902 -4.37E-05 -0.005038
-8.40E-05 -0.000535 -6.73E-06 -0.010348
45 -0.000905 -5.05E-05 -0.010348
-0.000200 -0.000360 -5.34E-06 -0.015176
-0.000329 -0.000201 -4.83E-06 -0.018858
47 -0.000907 -5.86E-05 -0.018858
-0.000441 -6.09E-05 -0.020849
-0.000521 -5.98E-05 -0.020849
49 -0.000909 -5.73E-05 -0.020838
-0.000560 -6.41E-06 -0.018741
-0.000552 -7.88E-06 -0.014718
51 -0.000911 -5.13E-05 -0.014718
-0.000495 -9.95E-06 -0.009067
52 -0.000912 -5.12E-05 -0.009067
-0.000392 -0.01231 -1.16E-05 -0.002187
53 -0.000914 -5.79E-05 -0.002187
-0.000263 -0.01421 -2.88E-05 -4.51E-07
54 -0.000907 -6.00E-05 -4.51E-07
-0.000236 -0.01436 -1.28E-05 -1.03E-07
55 -0.000741 -8.13E-05 -1.03E-07
-0.000389 -0.000322 -1.52E-05 -0.003200
56 -0.000741 -6.30E-05 -0.003200
-0.000467 -0.000308 -1.47E-05 -0.006281
57 -0.000746 -4.61E-05 -0.006281
-0.000554 -0.000269 -3.51E-05 -0.008513
58 -0.000748 -3.58E-05 -0.008513
-0.000602 -0.000207 -1.05E-05 -0.009610
59 -0.000751 -2.94E-05 -0.009610
-0.000603 -0.000144 -7.70E-06 -0.009435
60 -0.000751 -2.47E-05 -0.009435
-0.000557 -0.000233 -5.07E-06 -0.008063
61 -0.000755 -2.07E-05 -0.008063
-0.000474 -0.000422 -4.13E-06 -0.005776
62 -0.000755 -1.83E-05 -0.005776
-0.000368 -0.000555 -3.68E-06 -0.002946
63 -0.000758 -1.09E-05 -0.002946
-0.000273 -0.000607 -3.61E-06 -2.86E-07
64 -0.000758 -9.13E-06 -2.86E-07
-0.000252 -0.000582 -5.22E-06 -0.001986
65 -0.000758 -1.03E-05 -0.001986
-0.000298 -0.000533 -5.48E-06 -0.005057
66 -0.000758 -1.29E-05 -0.005057
-0.000412 -0.000437 -7.84E-06 -0.008008
67 -0.000755 -1.83E-05 -0.008008
-0.000517 -0.000338 -8.59E-06 -0.010386
68 -0.000754 -3.87E-05 -0.010386
-0.000592 -0.000236 -7.99E-06 -0.011761
69 -0.000753 -4.91E-05 -0.011761
-0.000626 -0.000167 -6.58E-06 -0.011892
70 -0.000753 -5.16E-05 -0.011892
-0.000614 -0.000222 -5.64E-06 -0.010745
71 -0.000752 -4.36E-05 -0.010745
-0.000559 -0.000381 -5.19E-06 -0.008500
72 -0.000752 -2.89E-05 -0.008500
-0.000469 -0.000544 -4.86E-06 -0.005533
73 -0.000752 -1.75E-05 -0.005533
-0.000358 -0.000649 -4.90E-06 -0.002256
74 -0.000753 -1.01E-05 -0.002256
-0.000255 -0.000662 -4.95E-06 -2.99E-07
75 -0.000753 -7.10E-06 -2.99E-07
-0.000235 -0.000627 -6.93E-06 -0.002376
76 -0.000753 -6.63E-06 -0.002376
-0.000388 -0.000754 -1.23E-05 -0.005891
77 -0.000754 -9.00E-06 -0.005891
-0.000388 -0.000755 -1.48E-05 -0.009142
78 -0.000755 -8.21E-06 -0.009142
-0.000496 -0.000756 -2.63E-05 -0.011686
79 -0.000756 -0.000332 -0.011686
80 -0.000756 -3.48E-05 -0.013097
-0.000624 -0.000167 -6.31E-06 -0.000000
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT U1 U2 U3
R1 R2 R3
1 -0.000907 -7.55E-06 -0.003083
-9.48E-05 -0.000906 -1.00E-05
-4.71E-05 -0.000906 -5.39E-06 -9.75E-07
-0.000000 -0.000000 -0.000000 -0.000000
-6.85E-03 -0.000718 -8.03E-06 -0.002893
34 -0.000904 -1.28E-05 -0.002725
-0.000171 -0.000556 -6.89E-06 -0.011327
35 -0.000903 -2.08E-05 -0.011327
-0.000278 -6.01E-06 -0.014444
-0.000365 -2.78E-05 -0.014444
37 -0.000900 -3.27E-05 -0.016094
-0.000417 -6.00E-06 -0.016017
38 -0.000900 -3.48E-05 -0.016017
-0.000429 -0.000328 -5.69E-06 -0.014230
39 -0.000899 -3.55E-05 -0.014230
-0.000398 -8.51E-06 -0.011029
40 -0.000900 -3.49E-05 -0.011029
-0.000327 -0.000729 -9.56E-06 -0.006982
41 -0.000901 -3.28E-05 -0.006982
-0.000229 -0.000838 -1.02E-05 -0.002725
42 -0.000902 -3.48E-05 -0.002725
-0.000124 -0.000614 -9.49E-06 -0.012061
43 -0.000903 -3.79E-05 -0.012061
-6.43E-05 -0.000716 -8.42E-06 -0.005038
44 -0.000902 -4.37E-05 -0.005038
-8.40E-05 -0.000535 -6.73E-06 -0.010348
45 -0.000905 -5.05E-05 -0.010348
-0.000200 -0.000360 -5.34E-06 -0.015176
-0.000329 -0.000201 -4.83E-06 -0.018858
47 -0.000907 -5.86E-05 -0.018858
-0.000441 -6.09E-05 -0.020849
-0.000521 -5.98E-05 -0.020849
49 -0.000909 -5.73E-05 -0.020838
-0.000560 -6.41E-06 -0.018741
-0.000552 -7.88E-06 -0.014718
51 -0.000911 -5.13E-05 -0.014718
-0.000495 -9.95E-06 -0.009067
52 -0.000912 -5.12E-05 -0.009067
-0.000392 -0.01231 -1.16E-05 -0.002187
53 -0.000914 -5.79E-05 -0.002187
-0.000263 -0.01421 -2.88E-05 -4.51E-07
54 -0.000907 -6.00E-05 -4.51E-07
-0.000236 -0.01436 -1.28E-05 -1.03E-07
55 -0.000741 -8.13E-05 -1.03E-07
-0.000389 -0.000322 -1.52E-05 -0.003200
56 -0.000741 -6.30E-05 -0.003200
-0.000467 -0.000308 -1.47E-05 -0.006281
57 -0.000746 -4.61E-05 -0.006281
-0.000554 -0.000269 -3.51E-05 -0.008513
58 -0.000748 -3.58E-05 -0.008513
-0.000602 -0.000207 -1.05E-05 -0.009610
59 -0.000751 -2.94E-05 -0.009610
-0.000603 -0.000144 -7.70E-06 -0.009435
60 -0.000751 -2.47E-05 -0.009435
-0.000557 -0.000233 -5.07E-06 -0.008063
61 -0.000755 -2.07E-05 -0.008063
-0.000474 -0.000422 -4.13E-06 -0.005776
62 -0.000755 -1.83E-05 -0.005776
-0.000368 -0.000555 -3.68E-06 -0.002946
63 -0.000758 -1.09E-05 -0.002946
-0.000273 -0.000607 -3.61E-06 -2.86E-07
64 -0.000758 -9.13E-06 -2.86E-07
-0.000252 -0.000582 -5.22E-06 -0.001986
65 -0.000758 -1.03E-05 -0.001986
-0.000298 -0.000533 -5.48E-06 -0.005057
66 -0.000758 -1.29E-05 -0.005057
-0.000412 -0.000437 -7.84E-06 -0.008008
67 -0.000755 -1.83E-05 -0.008008
-0.000517 -0.000338 -8.59E-06 -0.010386
68 -0.000754 -3.87E-05 -0.010386
-0.000592 -0.000236 -7.99E-06 -0.011761
69 -0.000753 -4.91E-05 -0.011761
-0.000626 -0.000167 -6.58E-06 -0.011892
70 -0.000753 -5.16E-05 -0.011892
-0.000614 -0.000222 -5.64E-06 -0.010745
71 -0.000752 -4.36E-05 -0.010745
-0.000559 -0.000381 -5.19E-06 -0.008500
72 -0.000752 -2.89E-05 -0.008500
-0.000469 -0.000544 -4.86E-06 -0.005533
73 -0.000752 -1.75E-05 -0.005533
-0.000358 -0.000649 -4.90E-06 -0.002256
74 -0.000753 -1.01E-05 -0.002256
-0.000255 -0.000662 -4.95E-06 -2.99E-07
75 -0.000753 -7.10E-06 -2.99E-07
-0.000235 -0.000627 -6.93E-06 -0.002376
76 -0.000753 -6.63E-06 -0.002376
-0.000388 -0.000754 -1.23E-05 -0.005891
77 -0.000754 -9.00E-06 -0.005891
-0.000388 -0.000755 -1.48E-05 -0.009142
78 -0.000755 -8.21E-06 -0.009142
-0.000496 -0.000756 -2.63E-05 -0.011686
79 -0.000756 -0.000332 -0.011686
80 -0.000756 -3.48E-05 -0.013097
-0.000624 -0.000167 -6.31E-06 -0.000000
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< MOVING Page LOAD 58 >
JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT U1 U2 U3
R1 R2 R3
1 -0.000907 -7.55E-06 -0.003083
-9.48E-05 -0.000906 -1.00E-05
-4.71E-05 -0.000906 -5.39E-06 -9.75E-07
-0.000000 -0.000000 -0.000000 -0.000000
-6.85E-03 -0.000718 -8.03E-06 -0.002893
34 -0.000904 -1.28E-05 -0.002725
-0.000171 -0.000556 -6.89E-06 -0.011327
35 -0.000903 -2.08E-05 -0.011327
-0.000278 -6.01E-06 -0.014444
-0.000365 -2.78E-05 -0.014444
37 -0.000900 -3.27E-05 -0.016094
-0.000417 -6.00E-06 -0.016017
38 -0.000900 -3.48E-05 -0.016017
-0.000429 -0.000328 -5.69E-06 -0.014230
39 -0.000899 -3.55E-05 -0.014230
-0.000398 -8.51E-06 -0.011029
40 -0.000900 -3.49E-05 -0.011029
-0.000327 -0.000729 -9.56E-06 -0.006982
41 -0.000901 -3.28E-05 -0.006982
-0.000229 -0.000838 -1.02E-05 -0.002725
42 -0.000902 -3.48E-05 -0.002725
-0.000124 -0.000614 -9.49E-06 -0.012061
43 -0.000903 -3.79E-05 -0

0.000155 0.000946 6.37E-05 8.55E-08
129 0.001154 0.000329
9.64E-05 0.001066 6.49E-05
30 0.001154 0.000331 0.002900
0.000157 0.001250 8.30E-05 0.006592
131 0.001154 0.000335
0.000287 0.001066 6.49E-05
32 0.001153 0.000337 0.009345
130 0.001162 9.57E-05
0.000443 0.001153 0.000337 0.011142
133 0.001153 0.000334
34 0.001153 0.000333 0.011933
0.000472 0.000641 7.21E-05 0.011983
135 0.001153 0.000334
0.000473 25 0.001145 6.84E-05
136 0.001153 0.000339 0.011220
0.000445 0.000536 5.68E-05 0.009436
139 0.001153 0.000339
0.000381 0.000682 6.66E-05 0.006673
0.000286 0.000846 7.85E-05 0.002944
139 0.001153 0.000332
0.000155 0.000632 8.07E-05 2.19E-07
140 0.001153 0.000329
9.32E-05 0.001041 8.07E-05 0.003206
141 0.001152 0.000323
0.000153 0.00115 9.1E-05
142 0.001152 0.000323 0.007317
0.000291 0.001248 0.000111 0.010449
143 0.001151 0.000324 0.01112
0.000391 0.001112 0.000103
144 0.001151 0.000323 0.012559
0.000457 0.000844 8.53E-05
145 0.001153 0.000319 0.013683
0.000487 0.000605 6.82E-05 0.014041
146 0.001149 0.000321 0.014041
0.000488 0.000492 5.89E-05
147 0.001153 0.000323 0.013234
0.000463 0.000558 6.16E-05
148 0.001149 0.000340 0.011201
0.000407 0.000736 7.42E-05 0.007976
149 0.001149 0.000349
0.000322 0.000951 8.86E-05
150 0.001150 0.000358 0.003553
0.000202 0.001084 9.17E-05 1.27E-07
151 0.001150 0.000358
0.000149 0.001313 0.000107 0.003711
152 0.001150 0.000358
0.000236 0.001479 0.000131
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63
JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN LOCAL
COORDINATES
JOINT U1 U2 U3
R1 R2 R3
153 0.001153 0.000370 0.006596
0.000366 0.0011463 0.000130
154 0.001153 0.000375 0.008431
0.000454 0.001278 0.000117
155 0.001156 0.000377 0.009296
0.000510 0.000958 9.31E-05
156 0.001156 0.000377 0.009279
0.000532 0.000650 7.30E-05
157 0.001161 0.000385 0.008512
0.000522 0.000500 6.46E-05
158 0.001159 0.000400 0.007136
0.000476 0.000531 6.58E-05
159 0.001165 0.000413 0.005294
0.000387 0.000590 6.85E-05
160 0.001165 0.000429 0.003116
0.000242 0.000633 7.27E-05
161 0.001169 0.000451 0.000724
6.57E-05 4.15E-05 2.55E-07
162 0.001169 0.000455
0.000105 0.000502 5.47E-05
163 0.000873 0.000520
0.000272 0.001242 1.11E-05
164 0.001165 0.000840
0.000212 0.000845 1.00E-05
165 1.43E-05 0.000483
0.000245 0.000983 0.000306
166 0.000295 0.000306
0.000415 0.000880 1.04E-05
167 0.001403 0.000501
0.000341 0.001159 9.04E-05
168 0.002878 0.000472
0.000215 0.000493 1.00E-05
169 0.000826 0.000107
0.000121 0.001159 1.11E-05
170 0.001971 0.000110
6.56E-05 0.000773 6.75E-06
171 0.000000 0.000000
4.63E-05 7.7E-06 0.000000
172 0.002285 7.24E-06
2.59E-05 0.000920 7.80E-06
1.61E-05 0.001275 2.86E-05
173 0.001169 7.9E-06
174 0.002880 0.000129
1.56E-05 0.000480 1.51E-05
COMB DL-G1-3 MIN

JOINT U1 U2 U3
R1 R2 R3
-0.000184 -0.000123 -0.000124 -3.93E-07
2 -0.001124 -0.000131 -0.005473
-0.000256 -0.000438 8.94E-06
3 -0.001124 -0.000138 -0.010625
-0.000331 -0.000382 -8.24E-06
4 -0.001127 -0.000141 -0.014255
-0.000376 -0.000295 8.35E-06
5 -0.000379 -0.000228 9.06E-06
6 -0.001131 -0.000124 -0.015540
-0.000344 -0.000327 -1.02E-05
-0.000272 -0.000635 -1.13E-05
8 -0.001135 -8.39E-05 -0.009345
-0.000174 9 -0.001137 -6.09E-05 -0.004694
7.07E-05 -0.000942 10 -0.001139 -4.80E-05 -9.22E-07
6.02E-05 11 -0.000874 -1.07E-05 -0.003151
-0.000115 12 -0.000772 -1.02E-05 -0.008123
-0.000211 13 -0.001143 -6.09E-05 -0.008123
-0.000143 14 -0.000469 -7.68E-05 -0.012915
-0.000314 15 -0.000465 -8.07E-06 -0.016756
-0.000386 16 -0.001145 -9.24E-05 -0.016756
-0.000386 17 -0.000425 -0.000102 -0.018956
-0.000417 18 -0.000253 -6.88E-06
-0.000407 19 -0.001146 -0.000103 -0.019136
-0.000407 20 -0.000443 -7.49E-06
-0.000360 21 -0.001146 -9.56E-05 -0.017251
-0.000377 22 -0.000583 -8.55E-06
-0.000188 23 -0.001146 -8.02E-05 -0.013591
-0.000177 24 -0.000964 -7.49E-06
19 -0.001145 -5.99E-05 -0.008781
-0.000168 20 -0.001021 -1.04E-05
-0.001145 21 -0.001145 -1.41E-05 -0.003526
-6.37E-05 22 -0.001030 -1.02E-05 -9.44E-07
-4.64E-05 23 -0.000948 -9.89E-06
-0.001144 24 -0.001144 -3.84E-05 -0.003691
-9.07E-05 25 -0.000929 -5.40E-06
23 -0.001143 -5.54E-05 -0.009270
-0.000193 24 -0.000642 -8.44E-06
24 -0.001143 -7.71E-05 -0.014474
-0.000300 25 -0.000475 -7.55E-06
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64
JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL
COORDINATES
JOINT U1 U2 U3
R1 R2 R3
25 -0.001107 -9.37E-05 -0.018545
-0.000378 -0.000319 -6.10E-06
26 -0.001141 -0.000103 -0.020795
-0.000417 -0.000258 -6.68E-06
-0.000417 -0.000380 -7.50E-06
28 -0.001140 -9.25E-05 -0.018741
-0.000377 -0.000642 -8.79E-06
29 -0.001137 -7.15E-05 -0.014741
-0.000299 -0.000941 -1.02E-05
30 -0.001140 -5.35E-05 -0.009530
-0.000191 -0.001107 -1.10E-05
32 -0.001139 -3.75E-05 -0.003388
-8.80E-05 -0.001122 -1.10E-05
32 -0.001139 -3.44E-05 -9.40E-07
-4.53E-05 -0.001041 -1.78E-05
33 -0.001138 -3.78E-05 -0.003586
-6.63E-05 -0.000921 -1.04E-05
34 -0.001137 -5.67E-05 -0.008951
-0.000173 -0.000728 -7.98E-05
-0.000282 -0.000564 -8.69E-06
36 -0.001136 -9.92E-05 -0.017681
-0.000364 -0.001135 -0.000111
-0.000411 -0.000304 -7.45E-06
38 -0.001135 -0.000113
-0.000400 -0.000401 -8.01E-06
39 -0.001134 -0.000107 -0.017394
-0.000387 -0.000638 -9.00E-06
40 -0.001134 -9.39E-05 -0.013493
-0.000313 -0.001135 -8.13E-05 -0.008563
-0.001120 -0.001032 -1.08E-05
42 -0.001135 -7.85E-05 -0.003365
-0.000114 -0.001004 -1.29E-05
43 -0.001136 -8.23E-05 -9.83E-07
-5.92E-05 -0.000894 -9.79E-06
44 -0.001137 -9.69E-05 -0.006268
-8.20E-05 -0.000687 -7.71E-06
45 -0.001137 -0.000116 -0.012802
-0.000472 -7.52E-06
46 -0.001138 -0.000132 -0.018721
-0.000425 -0.000268 -8.01E-06
47 -0.001139 -0.000142 -0.023220
-8.30E-05 -0.000145 -0.025628
-0.000490 -5.36E-05 -0.000139
-0.000142 -0.000039 -0.025563
-0.000519 -0.000351 -7.02E-06
50 -0.001143 -0.000125 -0.022934
-0.000508 -0.000774 -1.29E-05
51 -0.001144 -0.000105 -0.017952
-0.000453 -0.001189 -9.98E-06
52 -0.001146 -8.41E-05 -0.011014
-0.000360 -0.001134 -6.41E-05 -0.002647
-0.000243 -0.0011735 -1.28E-05
54 -0.001148 -6.38E-05 -4.28E-07
-0.000218 -0.001149 -1.00E-05
55 -0.001072 -0.000110 -3.02E-07
-0.000411 -0.000443 -1.51E-05
56 -0.001074 -9.19E-05 -0.004981
-0.000449 -0.000425 -1.40E-05
57 -0.001076 -7.83E-05 -0.009704
-0.000516 -0.000372 -1.31E-05
58 -0.001078 -7.03E-05 -0.013062
-0.000559 -0.000290 -1.40E-05
59 -0.001081 -6.59E-05 -0.014658
-0.000564 -0.000208 -8.61E-06
60 -0.001083 -6.25E-05 -0.014320
-0.000530 -0.000336 -6.86E-06
61 -0.001085 -5.90E-05 -0.012171
-0.000464 -0.000613 -6.44E-06
62 -0.001086 -5.50E-05 -0.008662
-0.000374 -0.000820 -4.99E-06
63 -0.001088 -4.70E-05 -0.004372
-0.000288 -0.000898 -6.52E-06
64 -0.001089 -4.37E-05 -7.54E-07
-0.000265 -0.000842 -1.92E-06
65 -0.001089 -4.10E-05 -0.002942
-0.000297 -0.000753 -7.80E-06
66 -0.001089 -3.80E-05 -0.007559
-0.000399 -0.000602 -8.39E-06
67 -0.001089 -3.86E-05 -0.012003
-0.000500 -0.000461 -8.99E-06
68 -0.001089 -3.60E-05 -0.015570
-0.000372 -0.000323 -6.51E-06
69 -0.001089 -6.11E-05 -0.017620
-0.000605 -0.000242 -7.61E-06
70 -0.001089 -6.00E-05 -0.017796
-0.000595 -0.000333 -7.19E-06
71 -0.001088 -5.28E-05 -0.016054
-0.000549 -0.000557 -7.33E-06
72 -0.001088 -4.70E-05 -0.012664
-0.000469 -0.000819 -7.52E-06
73 -0.001088 -2.85E-05 -0.008201
-0.000366 -0.000964 -1.32E-06
-0.000188 -2.67E-05 -0.003308
-0.000268 -0.000976 -7.48E-06
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65
JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN LOCAL
COORDINATES
JOINT U1 U2 U3
R1 R2 R3
75 -0.001088 -2.86E-05 -7.76E-07
-0.000245 -0.000906 -7.70E-06
76 -0.001088 -3.30E-05 -0.003469
-0.000276 -0.001088 -4.98E-06
-0.000384 -0.000627 -8.20E-06
78 -0.001088 -5.23E-05 -0.013524
-0.000487 -0.000466 -5.99E-05
79 -0.001089 -8.25E-06 -0.017315
-0.000564 -0.000313 -8.56E-06
80 -0.001089 -6.73E-05 -0.019412
-0.000604 -0.000245 -7.44E-06
82 -0.001090 -6.00E-05 -0.017503
-0.000564 -0.000599 -7.65E-06
83 -0.001090 -5.29E-05 -0.013782
-0.000487 -0.000879 -7.92E-06
84 -0.001091 -4.47E-05 -0.008928
-0.000383 -0.001091 -3.45E-05
85 -0.001091 -3.45E-05 -0.003611
86 -0.001091 -7.90E-06
-0.000244 87 -0.001091 -2.90E-05 -7.72E-07
-0.000443 88 -0.001091 -2.55E-05 -0.003365
89 -0.001091 -2.55E-05 -0.003365
90 -0.001091 -2.55E-05 -0.003365
91 -0.001091 -2.55E-05 -0.003365
92 -0.001091 -2.55E-05 -0.003365
93 -0.001091 -2.55E-05 -0.003365
94 -0.001091 -2.55E-05 -0.003365
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99 -0.001091 -2.55E-05 -0.003365
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< MOVING Page LOAD >
66
JOINT DISPLACEMENTS

99 -0.001088 -5.72E-05 -0.019170
-0.000403 0.000452 -6.66E-06
-0.000516 0.001090 -6.11E-05 -0.017468
101 -0.001091 -6.70E-05 -0.021634
-0.000510 0.000925 -6.26E-06
-0.000674 -6.32E-05 -6.48E-06 -0.023849
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106 -0.001091 -6.01E-05 -0.010156
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71	0.000518	1.39E-05	0.004584	148	0.000449	1.28E-05	0.004413	-4.22E-05	-0.000309	-2.96E-06	-0.001031	-0.000100	-0.000334	-2.43E-05	-0.001123
0.000384	0.000109	2.59E-06		0.000319	0.000208	3.76E-05	version 7.42	42	-0.000369	-0.000177		119	-0.000429	-0.000156	
72	0.000517	1.39E-05	0.003956	SAP2000	Nonlinear	File:상형S11-S1503.OUT		-1.90E-05	-0.000389	-0.000103	-0.000606	-8.66E-05	-0.000400	-0.000150	
0.000316	0.000175	2.47E-06		File:상형S11-S1503.OUT				43	-0.000369	-0.000173	-2.17E-08	120	-0.000429	-0.000151	-0.002971
73	0.000518	1.02E-05	0.002906					-1.72E-05	-0.000283	-4.58E-06		-9.78E-05	-0.000241	-1.68E-05	
0.000225	0.000254	2.30E-06						44	-0.000368	-0.000184	-0.001966	SAP2000	Nonlinear	Version 7.42	
74	0.000518	1.39E-05	0.001378					-4.62E-05	-0.000338	-5.00E-06		Program	File:상형S11-S1503.OUT		
0.000136	0.000356	2.88E-06						45	-0.000368	-0.000202	-0.003936				
75	0.000518	7.98E-06	6.45E-08					-6.34E-05	-0.000173	-5.26E-06					
0.000106	0.000432	3.96E-06						46	-0.000368	-0.000223	-0.005695				
76	0.000518	1.39E-05	0.001338					-6.37E-05	-0.000102	-4.60E-06	-0.007019				
0.000122	0.000491	4.88E-06						47	-0.000368	-0.000237	-0.007019				
77	0.000517	1.96E-05	0.002847					-5.54E-05	-3.28E-05	-3.75E-06	-0.007701				
0.000199	0.000504	5.71E-06						-4.43E-05	-0.000368	-0.000242	-0.007701				
78	0.000518	1.39E-05	0.003917					48	-0.000368	-0.000237	-0.007701				
0.000294	0.000438	5.98E-06						-2.9E-05	-0.000368	-0.000238	-0.007701				
79	0.000515	4.29E-05	0.004593					49	-0.000368	-0.000238	-0.007701				
0.000369	0.000308	5.07E-06						-2.00E-05	-0.000368	-0.000238	-0.007701				
80	0.000515	3.96E-05	0.004879					50	-0.000368	-0.000238	-0.007701				
0.000412	0.000192	3.71E-06						51	-0.000367	-0.000199	-0.005244				
81	0.000514	5.44E-05	0.004899					-1.64E-05	-0.000397	-1.26E-06	-0.003169				
0.000413	0.000116	2.94E-06						52	-0.000367	-0.000165	-0.003169				
82	0.000514	4.51E-05	0.004625					-1.72E-05	-0.000475	-1.20E-06	-0.007019				
0.000372	0.000121	2.62E-06						53	-0.000367	-0.000127	-0.007019				
83	0.000513	3.04E-05	0.003955					-2.16E-05	-0.000503	-1.18E-06	-0.007019				
0.000297	0.000184	2.46E-06						54	-0.000367	-0.000111	-0.007019				
84	0.000513	3.96E-05	0.002881					-2.38E-05	-0.000502	-1.18E-06	-0.007019				
0.000202	0.000258	2.24E-06						55	-0.000496	-0.000155	-2.79E-07				
85	0.000512	1.53E-05	0.001357					-9.86E-06	-0.000183	-2.81E-06	-0.002609				
0.000147	0.000352	3.96E-06						-1.03E-05	-0.000176	-2.77E-06	-0.002609				
86	0.000512	8.62E-06	7.46E-08					56	-0.000494	-0.000119	-0.005020				
0.000105	0.000421	4.00E-06						-1.19E-05	-0.000156	-2.66E-06	-0.006681				
0.000134	0.000511	1.54E-06						-1.92E-05	-0.000124	-2.52E-06	-0.007425				
87	0.000511	9.96E-06	0.003128					59	-0.000492	-0.000106	-0.007425				
0.000223	0.000475	5.64E-06						-2.87E-05	-9.10E-05	-2.36E-06	-0.007190				
88	0.000510	1.33E-05	0.004344					-3.67E-05	-0.000146	-2.93E-06	-0.006056				
0.000144	0.000509	2.18E-05	0.005141					61	-0.000491	-0.000128	-0.006056				
0.000383	0.000269	4.96E-06						-4.06E-05	-0.000275	-4.24E-06	-0.004258				
91	0.000509	3.40E-05	0.005540					62	-0.000492	-0.000150	-0.002107				
0.000410	0.000188	2.36E-06						-1.40E-05	-0.000425	-4.28E-06	-0.002107				
92	0.000508	3.78E-05	0.005692					-3.56E-05	-0.000385	-4.52E-06	-0.002107				
0.000410	0.000107	2.23E-06						63	-0.000492	-0.000150	-0.002107				
93	0.000507	3.30E-05	0.005404					-4.98E-06	-0.000325	-2.66E-06	-0.003696				
0.000360	0.000233	2.00E-06						-1.17E-05	-0.000246	-2.41E-06	-0.005900				
94	0.000507	1.94E-05	0.004643					65	-0.000496	-0.000113	-0.005900				
0.000279	0.000208	1.91E-06						-3.56E-05	-0.000185	-2.64E-06	-0.007658				
95	0.000507	1.46E-05	0.003396					-4.80E-05	-0.000130	-2.76E-06	-0.008655				
0.000184	0.000402	1.74E-06						-5.34E-05	-0.000108	-2.80E-06	-0.008724				
96	0.000507	1.38E-05	0.001604					-5.48E-05	-0.000158	-3.30E-06	-0.008724				
0.000125	0.000413	2.36E-06						Program	SAP2000	Nonlinear	Version 7.42				
0.000131	0.000507	1.34E-05	3.82E-08					File:상형S11-S1503.OUT							
98	0.000508	1.36E-05	0.001678												
0.000202	0.000566	5.25E-06													
Program	SAP2000	Nonlinear	Version 7.42												
File:상형S11-S1503.OUT															
<	MOVING	Page	LOAD	>				<	MOVING	Page	LOAD	>			
		69								72					
JOINT DISPLACEMENTS															
TRANSLATIONS AND ROTATIONS, IN LOCAL															
COORDINATES								JOINT				JOINT			
	U1	U2	U3						R1	R2	R3		R1	R2	R3
99	0.000510	1.49E-05	0.002827	COMB	DL-G2-1	-----	MIN	147	-0.000499	-9.57E-05	-0.007847	147	-0.000499	-0.000163	-0.006430
0.000310	0.000548	6.05E-06	0.003510	100	0.000511	1.63E-05		-5.62E-05	-0.000257	-4.45E-06	-0.006159	148	-0.000499	-0.000163	-0.006430
0.000407	0.000449	6.18E-06	0.003800	101	0.000513	1.93E-05		-2.03E-05	-0.000163	-3.90E-06	-0.003949	149	-0.000499	-0.000163	-0.006430
0.000476	0.000290	5.31E-06	0.003750	102	0.000514	3.19E-05		-1.97E-05	-0.000143	-5.27E-06	-0.003899	150	-0.000499	-0.000163	-0.006430
0.000507	0.000514	3.81E-05	0.003416	103	0.000514	3.81E-05		4	-0.000372	-0.000232	-0.003899	151	-0.000499	-0.000163	-0.006430
0.000497	0.000103	2.25E-06	0.002853	104	0.000514	3.81E-05		-2.66E-05	-0.000371	-0.000237	-0.004422	152	-0.000499	-0.000163	-0.006430
0.000442	0.000133	2.11E-06	0.002114	105	0.000513	2.26E-05		-3.90E-05	-6.55E-05	-2.75E-06	-0.004368	153	-0.000499	-0.000163	-0.006430
105	0.000513	2.26E-05	0.002114	106	0.000513	2.26E-05		6	-0.000371	-0.000230	-0.004368	154	-0.000499	-0.000163	-0.006430
0.000348	0.000162	2.22E-06	0.001246	107	0.000513	2.26E-05		-5.10E-05	-0.000370	-0.000155	-0.003757	155	-0.000499	-0.000163	-0.006430
0.000104	0.000183	2.30E-06	0.000293	108	0.000513	2.26E-05		-6.00E-05	-0.000370	-0.000155	-0.003757	156	-0.000499	-0.000163	-0.006430
0.000221	0.000183	2.30E-06	0.000293	109	0.000513	2.26E-05		-6.00E-05	-0.000370	-0.000155	-0.003757	157	-0.000499	-0.000163	-0.006430
7.87E-05	0.000194	2.34E-06	2.08E-08	110	0.000513	2.26E-05		-6.00E-05	-0.000370	-0.000155	-0.003757	158	-0.000499	-0.000163	-0.006430
6.97E-05	0.000194	2.34E-06	0.000131	111	0.000513	2.26E-05		-4.49E-05	-0.000266	-3.38E-06	-0.002715	159	-0.000499	-0.000163	-0.006430
109	0.000454	3.31E-05	0.000131	112	0.000513	2.26E-05		10	-0.000368	-0.000159	-1.64E-08	160	-0.000499	-0.000163	-0.006430
3.10E-05	0.000436	6.81E-05	0.000795	113	0.000513	2.26E-05		-1.73E-05	-0.000367	-0.000161	-0.000950	161	-0.000499	-0.000163	-0.006430
0.000111	0.000435	4.92E-05	0.001598	114	0.000513	2.26E-05		-1.95E-05	-0.000365	-6.53E-06	-0.002390	162	-0.000499	-0.000163	-0.006430
0.000111	0.000453	3.63E-05	0.002269	115	0.000513	2.26E-05		-4.24E-05	-0.000363	-0.000194	-0.003771	163	-0.000499	-0.000163	-0.006430
0.000315	0.000366	4.44E-05	0.002743	116	0.000513	2.26E-05		-5.87E-05	-0.000182	-5.96E-06	-0.004888	164	-0.000499	-0.000163	-0.006430
0.000435	0.000252	3.66E-05	0.002949	117	0.000513	2.26E-05		-6.52E-05	-0.000362	-0.000213	-0.004888	165	-0.000499	-0.000163	-0.006430
113	0.000452	3.78E-05	0.002743	118	0.000513	2.26E-05		-6.52E-05	-0.000362	-0.000213	-0.004888	166	-0.000499	-0.000163	-0.006430
0.000480	0.000111	2.87E-05	0.002949	119	0.000513	2.26E-05		-6.52E-05	-0.000362	-0.000213	-0.004888	167	-0.000499	-0.000163	-0.006430
0.000451	0.000451	2.42E-05	0.002825	120	0.000513	2.26E-05		-6.52E-05	-0.000362	-0.000213	-0.004888	168	-0.000499	-0.000163	-0.006430
0.000461	0.000451	2.42E-05	0.002825	121	0.000513	2.26E-05		-6.52E-05	-0.000362	-0.000213	-0.004888	169	-0.000499	-0.000163	-0.006430
115	0.000451	3.54E-05	0.002825	122	0.000513	2.26E-05		-6.52E-05	-0.000362	-0.000213	-0.004888				

0.000000	0.000077	0.000176	0.004391	0.000189	0.000919	0.000177	0.008033	0.159	0.000054	0.000202	0.003896	-0.000187	-0.000173	-5.48E-06	-0.012591
0.000015	0.000625	5.53E-06		0.000321	0.000718	9.49E-06		0.000538	0.000014	4.68E-05		60	-0.000866	-0.000103	-0.012591
0.000013	0.000077	0.000171	0.006328	90	0.000918	0.000200	0.009549	160	0.000855	0.000206	0.002294	-0.000192	-0.000277	-6.50E-06	
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0.000014	0.000077	0.000171	0.007668	0.000031	0.000919	0.000210	0.010324	161	0.000532	0.000210	0.005034	-0.000194	-0.000277	-6.50E-06	
0.000509	0.000417	4.81E-06		0.000431	0.000293	6.87E-06		4.83E-05	0.000370	2.70E-05		62	-0.000888	-0.000117	-0.007502
0.000015	0.000776	0.000168	0.008328	92	0.000916	0.000220	0.010602	162	0.000856	0.000214	0.006907	-0.000190	-0.000697	-8.01E-06	
0.000564	0.000241	5.50E-06		0.000421	0.000195	5.23E-06		5.25E-05	0.000374	3.50E-05		63	-0.000889	-0.000122	-0.003734
0.000574	0.000776	0.000168	0.008491	93	0.000916	0.000220	0.010602	0.000237	0.000532	0.000363	0.000000	-0.000170	-0.000697	-8.01E-06	
17	0.000776	0.000173	0.008012	File:상행S11-S1503.OUT	Version 7.42			164	0.001278	0.000559	0.000000	-0.000142	-0.000696	-6.36E-06	7.42
0.000537	0.000209	7.54E-06		<	MOVING	Page 76	>	0.000195	0.000554	7.25E-06	0.000000	Program	SAP2000	Nonlinear	Version 7.42
0.000016	0.000776	0.000173	0.008012	165	0.000916	0.000220	0.010602	0.000220	0.000640	7.58E-06	0.000000	File:상행S11-S1503.OUT	Version 7.42		
19	0.000776	0.000170	0.008410	166	0.000916	0.000220	0.010602	0.000324	0.000537	7.24E-06	0.000000	<	MOVING	Page 79	>
0.000356	0.000458	8.90E-06		167	0.000916	0.000220	0.010602	0.000290	0.000530	6.91E-06	0.000000	Translations and Rotations in Local Coordinates			
0.000017	0.000776	0.000173	0.008410	168	0.000916	0.000220	0.010602	0.000179	0.000352	1.34E-05	0.000000	Translations and Rotations in Local Coordinates			
0.000245	0.000582	8.37E-06		169	0.000916	0.000220	0.010602	0.000168	0.000117	1.23E-05	0.000000	Translations and Rotations in Local Coordinates			
21	0.000776	0.000169	0.008208	170	0.000916	0.000220	0.010602	0.000116	0.000647	6.14E-06	0.000000	Translations and Rotations in Local Coordinates			
0.000204	0.000649	7.58E-06		171	0.000916	0.000220	0.010602	0.000116	0.000647	6.14E-06	0.000000	Translations and Rotations in Local Coordinates			
0.000228	0.000691	6.73E-06	0.002096	172	0.000916	0.000220	0.010602	0.000116	0.000647	6.14E-06	0.000000	Translations and Rotations in Local Coordinates			
23	0.000776	0.000181	0.004691	173	0.000916	0.000220	0.010602	0.000116	0.000647	6.14E-06	0.000000	Translations and Rotations in Local Coordinates			
0.000330	0.000686	5.66E-06	0.006686	174	0.000916	0.000220	0.010602	0.000116	0.000647	6.14E-06	0.000000	Translations and Rotations in Local Coordinates			
0.000437	0.000592	4.94E-06		175	0.000916	0.000220	0.010602	0.000116	0.000647	6.14E-06	0.000000	Translations and Rotations in Local Coordinates			
0.000250	0.000776	0.000190	0.008015	95	0.000915	0.000187	0.006243	172	0.001861	5.91E-06	0.000000	-0.000146	-0.000600	-5.37E-06	
0.000018	0.000413	4.74E-06		0.000171	0.000567	3.79E-06		7.94E-05	0.000758	7.08E-06	0.000000	-0.000177	-0.000894	-0.000101	-0.006519
0.000019	0.000776	0.000173	0.008609	96	0.000915	0.000187	0.006243	173	0.001098	2.44E-05	0.000000	-0.000192	-0.000894	-0.000101	-0.006519
0.000567	0.000233	5.65E-06		9.58E-05	0.000764	4.85E-06		8.02E-05	0.000903	6.38E-06	0.000000	-0.000206	-0.000896	-8.40E-05	-0.010389
0.000015	0.000778	0.000191	0.008647	97	0.000916	0.000181	0.006243	174	0.002288	0.000110	0.000000	-0.000206	-0.000349	-5.22E-06	
0.000567	0.000168	6.78E-06		0.000109	0.000900	6.38E-06		3.72E-05	0.000366	5.03E-06		-0.000191	-0.000898	-7.61E-05	-0.013484
0.000523	0.000229	7.84E-06	0.008072	0.000204	0.001023	6.37E-06	0.003047	COMB DL-G2-2	-----	MIN		-0.000219	-0.000895	-8.00E-05	-0.015248
29	0.000779	0.000192	0.006752	99	0.000919	0.000185	0.005186	JOINT	R1	U1	U2	U3			
0.000440	0.000343	8.84E-06	0.004749	0.000323	0.000994	9.58E-06	0.006486	166	0.001618	0.000206	0.000000	-0.000222	-0.000896	-6.95E-05	-0.015378
0.000333	0.000461	8.95E-06		0.000430	0.000826	9.71E-06	0.007057	171	0.000537	7.24E-06	0.000000	-0.000220	-0.000896	-6.95E-05	-0.015378
0.000229	0.000571	8.00E-06	0.002127	101	0.000924	0.000198	0.007057	-1.31E-05	-0.000324	-0.000157	-9.46E-08	-0.000219	-0.000899	-6.92E-05	-0.013842
0.000204	0.000780	9.74E-08		0.000504	0.000549	8.86E-06	0.006988	-1.39E-05	-0.000745	-0.000189	-0.003159	-0.000219	-0.000899	-7.92E-06	-0.010880
0.00033	0.000780	9.74E-08		0.000537	0.000308	7.30E-06	0.006988	-1.39E-05	-0.000745	-0.000189	-0.003159	-0.000219	-0.000899	-7.92E-06	-0.010880
0.000242	0.000656	6.20E-06	0.002319	103	0.000927	0.000226	0.006379	-1.89E-05	-0.000273	-9.39E-06	0.000000	-0.000212	-0.000899	-8.19E-05	-0.006997
0.000354	0.000781	9.00E-06	0.005223	0.000522	0.000195	5.53E-06	0.005333	-2.85E-05	-0.000745	-0.000212	-0.006206	-0.000212	-0.000899	-8.19E-05	-0.006997
0.000559	0.000636	4.88E-06		0.000459	0.000247	4.69E-06	0.005333	-2.85E-05	-0.000745	-0.000212	-0.006206	-0.000212	-0.000899	-8.19E-05	-0.006997
0.000354	0.000781	9.00E-06	0.005223	105	0.000927	0.000217	0.003952	-4.13E-05	-0.000127	-5.74E-06	0.000000	-0.000212	-0.000899	-8.19E-05	-0.006997
0.000599	0.000532	3.4E-06	0.007497	0.000353	0.000926	0.000198	0.002329	-5.33E-05	-0.000745	-0.000212	-0.006206	-0.000212	-0.000899	-8.19E-05	-0.006997
0.000537	0.000349	4.20E-06	0.009096	0.000209	0.000342	4.99E-06	0.005048	-6.07E-05	-0.000330	-4.05E-06	0.000000	-0.000212	-0.000899	-8.19E-05	-0.006997
0.000574	0.000192	3.4E-06		5.29E-05	0.000362	3.4E-06	0.005048	-6.07E-05	-0.000330	-4.05E-06	0.000000	-0.000212	-0.000899	-8.19E-05	-0.006997
0.000585	0.000155	6.75E-06	0.009549	3.95E-05	0.000363	5.03E-06	0.005048	-6.07E-05	-0.000330	-4.05E-06	0.000000	-0.000212	-0.000899	-8.19E-05	-0.006997
0.000512	0.000250	8.1E-06	0.008042	109	0.000848	0.000261	9.67E-07	-3.56E-05	-0.000561	-5.88E-06	0.000000	-0.000212	-0.000899	-8.19E-05	-0.006997
0.000424	0.000388	9.14E-06		5.53E-05	0.001293	0.000251	0.01476	-3.67E-06	-0.000057	-0.000134	-0.01973	-0.000221	-0.000899	-8.19E-05	-0.016568
0.000318	0.000780	9.00E-06	0.005696	111	0.000847	0.000242	0.002995	-6.36E-06	-0.000521	-8.34E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
0.000236	0.000682	8.03E-06	0.002570	0.000100	0.000847	0.000234	0.004259	-3.28E-05	-0.000043	-9.04E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
Program	SAP2000	Nonlinear	Version 7.42	0.000560	0.000728	6.70E-05	0.005143	-1.3E-05	-0.000342	-9.01E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
File:상행S11-S1503.OUT	Version 7.42			0.00013	0.000847	0.000225	0.005143	-1.3E-05	-0.000342	-9.01E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
<	MOVING	Page 75	>	114	0.000847	0.000219	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
JOINT DISPLACEMENTS				0.000592	0.000302	4.12E-05	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES				0.000592	0.000302	4.12E-05	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
JOINT	U1	U2	U3	115	0.000848	0.000221	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
43	0.000780	0.000171	4.72E-08	116	0.000848	0.000221	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
0.000239	0.000753	6.91E-06		0.000364	0.000501	4.22E-05	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
44	0.000753	6.91E-06	0.002653	117	0.000848	0.000221	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
0.00033	0.000753	6.91E-06	0.002653	118	0.000848	0.000221	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
45	0.000753	6.91E-06	0.002653	119	0.000848	0.000221	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
0.000456	0.000756	3.88E-06	0.004703	120	0.000848	0.000221	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
46	0.000756	3.88E-06	0.004703	121	0.000848	0.000221	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
0.00044	0.000756	3.88E-06	0.004703	122	0.000848	0.000221	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
47	0.000756	3.88E-06	0.004703	123	0.000848	0.000221	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
0.000640	0.000385	4.05E-06	0.006718	124	0.000848	0.000221	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
48	0.000385	4.05E-06	0.006718	125	0.000848	0.000221	0.005516	-6.72E-05	-0.000242	-8.03E-06	0.000000	-0.000221	-0.000899	-8.19E-05	-0.016568
0.00070	0.000776	0.000173	0												

-0.000106	-0.000793	-7.36E-05	-0.002840	30	0.001127	0.000298	0.006745	100	0.001172	0.000274	0.008478	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	R16	R17	R18	R19	R20	R21	R22	R23	R24	R25	R26	R27	R28	R29	R30	R31	R32	R33	R34	R35	R36	R37	R38	R39	R40	R41	R42	R43	R44	R45	R46	R47	R48	R49	R50	R51	R52	R53	R54	R55	R56	R57	R58	R59	R60	R61	R62	R63	R64	R65	R66	R67	R68	R69	R70	R71	R72	R73	R74	R75	R76	R77	R78	R79	R80	R81	R82	R83	R84	R85	R86	R87	R88	R89	R90	R91	R92	R93	R94	R95	R96	R97	R98	R99	R100	R101	R102	R103	R104	R105	R106	R107	R108	R109	R110	R111	R112	R113	R114	R115	R116	R117	R118	R119	R120	R121	R122	R123	R124	R125	R126	R127	R128	R129	R130	R131	R132	R133	R134	R135	R136	R137	R138	R139	R140	R141	R142	R143	R144	R145	R146	R147	R148	R149	R150	R151	R152	R153	R154	R155	R156	R157	R158	R159	R160	R161	R162	R163	R164	R165	R166	R167	R168	R169	R170	R171	R172	R173	R174	R175	R176	R177	R178	R179	R180	R181	R182	R183	R184	R185	R186	R187	R188	R189	R190	R191	R192	R193	R194	R195	R196	R197	R198	R199	R200	R201	R202	R203	R204	R205	R206	R207	R208	R209	R210	R211	R212	R213	R214	R215	R216	R217	R218	R219	R220	R221	R222	R223	R224	R225	R226	R227	R228	R229	R230	R231	R232	R233	R234	R235	R236	R237	R238	R239	R240	R241	R242	R243	R244	R245	R246	R247	R248	R249	R250	R251	R252	R253	R254	R255	R256	R257	R258	R259	R260	R261	R262	R263	R264	R265	R266	R267	R268	R269	R270	R271	R272	R273	R274	R275	R276	R277	R278	R279	R280	R281	R282	R283	R284	R285	R286	R287	R288	R289	R290	R291	R292	R293	R294	R295	R296	R297	R298	R299	R300	R301	R302	R303	R304	R305	R306	R307	R308	R309	R310	R311	R312	R313	R314	R315	R316	R317	R318	R319	R320	R321	R322	R323	R324	R325	R326	R327	R328	R329	R330	R331	R332	R333	R334	R335	R336	R337	R338	R339	R340	R341	R342	R343	R344	R345	R346	R347	R348	R349	R350	R351	R352	R353	R354	R355	R356	R357	R358	R359	R360	R361	R362	R363	R364	R365	R366	R367	R368	R369	R370	R371	R372	R373	R374	R375	R376	R377	R378	R379	R380	R381	R382	R383	R384	R385	R386	R387	R388	R389	R390	R391	R392	R393	R394	R395	R396	R397	R398	R399	R400	R401	R402	R403	R404	R405	R406	R407	R408	R409	R410	R411	R412	R413	R414	R415	R416	R417	R418	R419	R420	R421	R422	R423	R424	R425	R426	R427	R428	R429	R430	R431	R432	R433	R434	R435	R436	R437	R438	R439	R440	R441	R442	R443	R444	R445	R446	R447	R448	R449	R450	R451	R452	R453	R454	R455	R456	R457	R458	R459	R460	R461	R462	R463	R464	R465	R466	R467	R468	R469	R470	R471	R472	R473	R474	R475	R476	R477	R478	R479	R480	R481	R482	R483	R484	R485	R486	R487	R488	R489	R490	R491	R492	R493	R494	R495	R496	R497	R498	R499	R500	R501	R502	R503	R504	R505	R506	R507	R508	R509	R510	R511	R512	R513	R514	R515	R516	R517	R518	R519	R520	R521	R522	R523	R524	R525	R526	R527	R528	R529	R530	R531	R532	R533	R534	R535	R536	R537	R538	R539	R540	R541	R542	R543	R544	R545	R546	R547	R548	R549	R550	R551	R552	R553	R554	R555	R556	R557	R558	R559	R560	R561	R562	R563	R564	R565	R566	R567	R568	R569	R570	R571	R572	R573	R574	R575	R576	R577	R578	R579	R580	R581	R582	R583	R584	R585	R586	R587	R588	R589	R590	R591	R592	R593	R594	R595	R596	R597	R598	R599	R600	R601	R602	R603	R604	R605	R606	R607	R608	R609	R610	R611	R612	R613	R614	R615	R616	R617	R618	R619	R620	R621	R622	R623	R624	R625	R626	R627	R628	R629	R630	R631	R632	R633	R634	R635	R636	R637	R638	R639	R640	R641	R642	R643	R644	R645	R646	R647	R648	R649	R650	R651	R652	R653	R654	R655	R656	R657	R658	R659	R660	R661	R662	R663	R664	R665	R666	R667	R668	R669	R670	R671	R672	R673	R674	R675	R676	R677	R678	R679	R680	R681	R682	R683	R684	R685	R686	R687	R688	R689	R690	R691	R692	R693	R694	R695	R696	R697	R698	R699	R700	R701	R702	R703	R704	R705	R706	R707	R708	R709	R710	R711	R712	R713	R714	R715	R716	R717	R718	R719	R720	R721	R722	R723	R724	R725	R726	R727	R728	R729	R730	R731	R732	R733	R734	R735	R736	R737	R738	R739	R740	R741	R742	R743	R744	R745	R746	R747	R748	R749	R750	R751	R752	R753	R754	R755	R756	R757	R758	R759	R760	R761	R762	R763	R764	R765	R766	R767	R768	R769	R770	R771	R772	R773	R774	R775	R776	R777	R778	R779	R780	R781	R782	R783	R784	R785	R786	R787	R788	R789	R790	R791	R792	R793	R794	R795	R796	R797	R798	R799	R800	R801	R802	R803	R804	R805	R806	R807	R808	R809	R810	R811	R812	R813	R814	R815	R816	R817	R818	R819	R820	R821	R822	R823	R824	R825	R826	R827	R828	R829	R830	R831	R832	R833	R834	R835	R836	R837	R838	R839	R840	R841	R842	R843	R844	R845	R846	R847	R848	R849	R850	R851	R852	R853	R854	R855	R856	R857	R858	R859	R860	R861	R862	R863	R864	R865	R866	R867	R868	R869	R870	R871	R872	R873	R874	R875	R876	R877	R878	R879	R880	R881	R882	R883	R884	R885	R886	R887	R888	R889	R890	R891	R892	R893	R894	R895	R896	R897	R898	R899	R900	R901	R902	R903	R904	R905	R906	R907	R908	R909	R910	R911	R912	R913	R914	R915	R916	R917	R918	R919	R920	R921	R922	R923	R924	R925	R926	R927	R928	R929	R930	R931	R932	R933	R934	R935	R936	R937	R938	R939	R940	R941	R942	R943	R944	R945	R946	R947	R948	R949	R950	R951	R952	R953	R954	R955	R956	R957	R958	R959	R960	R961	R962	R963	R964	R965	R966	R967	R968	R969	R970	R971	R972	R973	R974	R975	R976	R977	R978	R979	R980	R981	R982	R983	R984	R985	R986	R987	R988	R989	R990	R991	R992	R993	R994	R995	R996	R997	R998	R999	R1000	R1001	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103	-0.001129	-7.1E-05	-0.025129
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Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT	

< MOVING Page LOAD >			
87			
JOINT DISPLACEMENTS			
TRANSLATIONS AND ROTATIONS, IN LOCAL			
COORDINATES			
JOINT	U1	U2	U3
R1	R2	R3	
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122	-0.001111	-0.000113	-0.016519
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125	-0.001111	-0.000117	-0.017008
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133	-0.001133	-0.000117	-0.018276
-0.000428	-0.000546	-6.40E-05	-0.020492
134	-0.001108	-0.000119	-0.020492
-0.000452	-0.000505	-6.32E-05	-0.020562
135	-0.001135	-0.000119	-0.020562
-0.000451	-0.000629	-6.54E-05	-0.018467
136	-0.001108	-0.000118	-0.018467
-0.000427	-0.000876	-7.30E-05	-0.014549
137	-0.001137	-0.000118	-0.014549
-0.000372	-0.001159	-9.07E-05	-0.009504
138	-0.001108	-0.000106	-0.009504
-0.000287	-0.001307	-0.000103	-0.003985
139	-0.001109	-9.64E-05	-0.003985
-0.000165	-0.001283	-9.55E-05	-0.000529
140	-0.001107	-9.51E-05	-0.000529
-0.000109	-0.001111	-7.94E-05	-0.003738
141	-0.001107	-7.94E-05	-0.003738
-0.000161	-0.001005	-8.22E-05	-0.008937
142	-0.001106	-0.000104	-0.008937
-0.000281	-0.000921	-8.49E-05	-0.013710
143	-0.001113	-0.000113	-0.013710
-0.000367	-0.000766	-7.68E-05	-0.017425
144	-0.001105	-0.000121	-0.017425
-0.000426	-0.000607	-7.00E-05	-0.019397
145	-0.001105	-0.000122	-0.019397
-0.000458	-0.000547	-6.59E-05	-0.019298
146	-0.001104	-0.000131	-0.019298
-0.000467	-0.000653	-6.95E-05	-0.017146
147	-0.001104	-0.000135	-0.017146

-0.000450	-0.000880	-8.31E-05	-0.013324
148	-0.001104	-0.000137	-0.008557
-0.000463	-0.001126	-0.000138	-0.003520
149	-0.001104	-0.000138	-0.003520
-0.000318	-0.001232	-0.000111	-0.000550
150	-0.001104	-0.000141	-0.000550
-0.000197	-0.001168	-9.81E-05	-0.006342
151	-0.001104	-0.000143	-0.006342
-0.000140	-0.000975	-8.64E-05	-0.012662
152	-0.001105	-0.000147	-0.012662
-0.000221	-0.000872	-9.40E-05	-0.018375
153	-0.001105	-0.000149	-0.018375
-0.000321	-0.000665	-7.08E-05	-0.022512
154	-0.001106	-0.000148	-0.022512
-0.000398	-0.000473	-5.95E-05	-0.025112
155	-0.001107	-0.000144	-0.025112
-0.000462	-0.000310	-5.15E-05	-0.022444
156	-0.001108	-0.000137	-0.022444
-0.000507	-0.000334	-5.26E-05	-0.018490
157	-0.001109	-0.000128	-0.018490
-0.000527	-0.000618	-6.80E-05	-0.014539
158	-0.001110	-0.000118	-0.014539
-0.000514	-0.010222	-9.60E-05	-0.009393
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COMB		DB		MAX	
JOINT	U1	U2	U3		
R1	R2	R3			
1	0.000706	0.000394	4.32E-08		
0.000273	0.000944	8.53E-06			
0.000312	0.000707	0.000377	0.001468		
3	0.000707	0.000356	0.002964		
0.000356	0.000684	7.31E-06	0.005085		
0.000413	0.000439	6.11E-06	0.005085		
5	0.000708	0.000301	0.005085		
0.000441	0.000180	6.18E-06			
0					
0.000436	1.09E-05	7.00E-03	0.005466		
7	0.000709	0.000274	0.005231		
0.000396	0.000118	7.31E-06			
9	0.000709	0.000266	0.004290		
0.000325	0.000267	7.17E-06			
0.000253	0.000428	0.000232	0.002552		
0.000194	0.000586	7.19E-06	6.00E-08		
11	0.000709	7.28E-06			
0.000188	0.000676	0.000214	0.001821		
0.000262	0.000721	7.39E-06	0.003759		
13	0.000709	0.000240	0.004925		
0.000337	0.000656	8.06E-06			
14	0.000709	0.000240	0.005425		
0.000396	0.000494	7.50E-06			
15	0.000709	0.000230	0.005328		
0.000432	0.000273	6.45E-06			
0.000440	0.000709	0.000226	0.005547		
17	0.000709	0.000232	0.005650		
0.000416	0.000201	6.08E-06			
0.000362	0.000222	0.000229	0.005132		
19	0.000709	6.33E-06	0.003913		
0.000284	0.000320	6.32E-06			
0.000213	0.000709	0.000200	0.001896		
21	0.000482	6.62E-06	6.23E-06		
0.000171	0.000593	6.70E-06			
0.000196	0.000708	0.000220	0.001892		
23	0.000708	7.00E-06	0.003904		
0.000270	0.000728	7.79E-06			
0.000348	0.000707	0.000248	0.005124		
0.000405	0.000262	7.92E-06			
25	0.000707	0.000251	0.005648		
0.000405	0.000499	7.46E-06			
27	0.000706	0.000243	0.005551		
0.000437	0.000155	6.23E-06	0.005651		
29	0.000706	0.000250	0.005723		
0.000407	0.000208	6.16E-06	0.005251		
0.000350	0.000706	0.000246			
0.000320	0.000231	6.50E-06			
0.000272	0.000323	0.000234	0.003979		
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JOINT DISPLACEMENTS					
TRANSLATIONS AND ROTATIONS, IN LOCAL					
COORDINATES					
JOINT	U1	U2	U3		
R1	R2	R3			
31	0.000705	0.000216	0.001928		
0.000198	0.000488	6.81E-06			
0.000170	0.000404	7.00E-06	7.35E-08		
33	0.000704	0.000206	0.001911		
0.000211	0.000692	7.36E-06			
0.000283	0.000740	8.28E-06	0.003952		
0.000362	0.000703	0.000240	0.005195		
37	0.000676	8.51E-06	0.005749		
0.000416	0.000513	8.02E-06			
39	0.000703	0.000241	0.005977		
0.000440	0.000287	6.96E-06			
41	0.000702	0.000242	0.006686		
0.000433	0.000152	7.09E-06			
43	0.000702	0.000254	0.006805		
0.000398	0.000208	6.96E-06			
45	0.000702	0.000255	0.006174		
0.000340	0.000234	7.07E-06			

-0.000100	-0.000456	-7.54E-06	-0.005811
-0.000184	-0.000708	-9.49E-05	-0.000357
13	-0.000118	-0.000108	-0.000300
-0.000262	-0.000229	-6.70E-06	-0.000431
-0.000316	-0.000708	-0.000136	-0.012109
15	-0.000710	-0.000147	-0.013666
-0.000340	-0.000154	-6.33E-06	-0.000275
-0.000329	-0.000710	-0.000149	-0.012649
17	-0.000711	-0.000140	-0.012134
-0.000286	-0.000495	-7.67E-06	-0.000390
18	-0.000711	-0.000123	-0.009333
-0.000218	-0.000156	-0.000558	-0.000305
19	-0.000710	-9.93E-05	-0.005842
-0.000315	-0.000723	-7.94E-06	-0.000227
-0.000710	-0.000710	-7.60E-05	-0.002256
-5.80E-05	-0.000679	-7.10E-06	-0.000185
21	-0.000710	-6.53E-05	-0.462E-07
-3.46E-05	-0.000589	-6.73E-06	-0.000212
-0.000710	-0.000710	-6.45E-05	-0.002265
-7.75E-05	-0.000478	-6.62E-06	-0.000300
23	-0.000709	-8.14E-05	-0.005868
-0.000160	-0.000317	-6.26E-06	-0.000393
24	-0.000709	-0.000105	-0.009383
-0.000241	-0.000235	-6.22E-06	-0.000482
25	-0.000708	-0.000122	-0.012110
-0.000302	-0.000212	-5.98E-06	-0.000548
26	-0.000708	-0.000130	-0.013775
-0.000334	-0.000158	-6.03E-06	-0.000334
27	-0.000708	-0.000128	-0.013781
-0.000334	-0.000274	-6.50E-06	-0.012226
28	-0.000710	-0.000119	-0.000300
-0.000300	-0.000498	-7.57E-06	-0.009404
29	-0.000707	-8.13E-06	-0.005888
-0.000329	-0.000662	-7.77E-05	-0.002276
-0.000158	-0.000729	-8.04E-06	-0.002276
31	-0.000707	-6.11E-05	-0.002276
-7.51E-05	-0.000688	-7.30E-06	-0.000710
32	-0.000707	-6.77E-05	-0.002300
-3.27E-05	-0.000597	-6.95E-06	-0.005963
33	-0.000707	-7.79E-05	-0.005963
-6.04E-05	-0.000486	-6.67E-06	-0.009543
34	-0.000707	-9.10E-05	-0.012439
-0.000138	-0.000325	-6.21E-06	-0.014069
35	-0.000707	-0.000120	-0.014119
-0.000221	-0.000279	-6.08E-06	-0.012577
36	-0.000707	-0.000134	-0.009723
-0.000289	-0.000252	-5.70E-06	-0.000671
37	-0.000706	-0.000138	-0.006131
-0.000331	-0.000189	-5.26E-06	-0.002394
-0.000340	-0.000270	-5.99E-06	-0.000710
39	-0.000706	-0.000118	-0.000498
-0.000316	-0.000498	-7.02E-06	-0.000671
40	-0.000706	-0.000115	-0.000671
-0.000261	-0.000671	-7.62E-06	-0.000705
41	-0.000705	-7.50E-05	-0.006131
-0.000183	-0.000747	-7.60E-06	-0.000715
42	-0.000705	-8.70E-05	-0.000715
-9.86E-05	-0.000715	-8.27E-06	-0.000715
43	-0.000705	-9.31E-05	-0.000715
-5.12E-05	-0.000634	-6.92E-06	-0.000634
44	-0.000705	-0.000112	-0.003984
-6.86E-05	-0.000486	-6.66E-06	-0.000486
45	-0.000704	-0.000134	-0.008412
-0.000159	-0.000334	-6.00E-06	-0.012659
46	-0.000704	-0.000155	-0.012659
-0.000251	-0.000189	-5.99E-06	-0.016072
47	-0.000704	-0.000168	-0.016072
-0.000335	-0.000705	-6.94E-06	-0.018034
48	-0.000704	-0.000173	-0.018034
-0.000398	-0.000704	-5.75E-06	-0.018174
49	-0.000704	-0.000168	-0.018174
-0.000430	-0.000288	-5.25E-06	-0.016378
50	-0.000704	-0.000156	-0.016378
-0.000427	-0.000583	-6.42E-06	-0.012812
51	-0.000703	-0.000135	-0.012812
-0.000385	-0.000703	-0.000113	-0.007834
52	-0.000703	-0.000113	-0.007834
-0.000304	-0.001094	-8.72E-06	-0.001094
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JOINT DISPLACEMENTS			
TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES			
JOINT	U1	U2	U3
R1	R2	R3	
53	-0.000703	-9.32E-05	-0.001877
-0.000201	-0.001227	-9.44E-06	-0.001877
54	-0.000703	-8.90E-05	-3.99E-07
-0.000179	-0.000486	-0.000236	-0.000486
55	-0.000696	-0.000103	-0.000414
-0.000373	-0.000317	-1.39E-05	-0.000414
56	-0.000697	-8.16E-05	-0.000414
-0.000398	-0.000705	-6.38E-05	-0.000861
57	-0.000697	-6.38E-05	-0.000861
-0.000461	-0.000268	-1.20E-05	-0.010800
58	-0.000696	-6.29E-05	-0.010800
-0.000406	-0.000696	-0.000205	-0.011983
59	-0.000696	-6.61E-05	-0.011983
-0.000491	-0.000127	-8.21E-06	-0.011494
60	-0.000696	-7.05E-05	-0.011494
-0.000448	-0.000325	-0.000336	-0.009505
61	-0.000700	-7.37E-05	-0.009505
-0.000374	-0.000537	-7.63E-06	-0.006516
62	-0.000701	-7.25E-05	-0.006516
-0.000290	-0.000361	-0.000361	-0.003136
63	-0.000702	-6.58E-05	-0.003136
-0.000209	-0.000670	-6.88E-06	-0.000670
64	-0.000702	-5.82E-05	-0.000670
-0.000185	-0.000565	-5.56E-06	-0.002214
65	-0.000703	-6.38E-05	-0.002214
-0.000227	-0.000457	-5.49E-06	-0.005757
66	-0.000704	-6.58E-05	-0.005757
-0.000305	-0.000300	-6.43E-06	-0.009223
67	-0.000704	-6.21E-05	-0.009223
-0.000390	-0.000226	-5.82E-06	-0.012014
68	-0.000705	-5.73E-05	-0.012014
-0.000453	-0.000205	-5.67E-06	-0.013560
69	-0.000705	-5.15E-05	-0.013560
-0.000482	-0.000154	-5.24E-06	-0.013569
70	-0.000706	-4.62E-05	-0.013569
-0.000472	-0.000275	-5.35E-06	-0.012040
71	-0.000706	-4.52E-05	-0.012040
-0.000428	-0.000495	-6.45E-06	-0.009257
72	-0.000706	-4.91E-05	-0.009257
-0.000354	-0.000658	-7.10E-06	-0.005789
73	-0.000705	-5.16E-05	-0.005789
-0.000270	-0.000724	-6.99E-06	-0.002232
74	-0.000705	-5.15E-05	-0.002232
-0.000191	-0.000679	-5.31E-06	-0.002232
75	-0.000705	-5.98E-05	-0.002232
-0.000165	-0.000587	-5.30E-06	-0.002240
76	-0.000705	-5.98E-05	-0.002240
-0.000208	-0.000474	-5.21E-06	-0.005814
77	-0.000704	-6.98E-05	-0.005814
-0.000285	-0.000312	-5.24E-06	-0.012114
78	-0.000705	-7.06E-05	-0.012114
-0.000372	-0.000231	-5.56E-06	-0.012114
79	-0.000704	-6.60E-05	-0.012114
-0.000441	-0.000209	-5.39E-06	-0.013667
80	-0.000704	-5.81E-05	-0.013667
-0.000478	-0.000156	-5.22E-06	-0.013673
81	-0.000704	-5.87E-05	-0.013673
-0.000477	-0.000277	-6.89E-06	-0.012130
82	-0.000704	-6.89E-05	-0.012130
-0.000440	-0.000500	-6.43E-06	-0.009325
83	-0.000703	-7.16E-05	-0.009325
-0.000371	-0.000663	-7.14E-06	-0.005834
84	-0.000703	-7.14E-05	-0.005834
-0.000283	-0.000729	-7.08E-06	-0.002251
85	-0.000703	-6.59E-05	-0.002251
-0.000206	-0.000683	-6.06E-06	-0.002251
86	-0.000703	-5.98E-05	-0.002251
-0.000163	-0.000591	-5.36E-06	-0.002274
87	-0.000703	-5.16E-05	-0.002274
-0.000194	-0.000478	-5.13E-06	-0.005906
88	-0.000703	-5.43E-05	-0.005906

-0.000272	-0.000316	-5.08E-06	-0.009460
89	-0.000703	-5.39E-05	-0.009460
-0.000357	-0.000273	-5.21E-05	-0.012336
90	-0.000702	-5.21E-05	-0.012336
-0.000431	-0.000246	-5.65E-06	-0.013952
91	-0.000702	-5.71E-05	-0.013952
-0.000475	-0.000184	-6.19E-05	-0.014000
92	-0.000702	-6.19E-05	-0.014000
-0.000483	-0.000275	-6.19E-06	-0.012649
93	-0.000702	-7.94E-05	-0.012649
-0.000454	-0.000502	-6.11E-06	-0.009634
94	-0.000701	-6.69E-05	-0.009634
-0.000390	-0.000673	-6.92E-06	-0.006069
95	-0.000701	-8.96E-05	-0.006069
-0.000305	-0.000746	-6.10E-06	-0.002363
96	-0.000701	-8.65E-05	-0.002363
-0.000227	-0.000710	-6.14E-06	-0.002363
97	-0.000701	-7.99E-05	-0.002363
-0.000185	-0.000624	-5.22E-06	-0.002363
98	-0.000701	-6.71E-05	-0.002363
-0.000212	-0.000472	-4.83E-06	-0.008295
99	-0.000700	-5.36E-05	-0.008295
-0.000300	-0.000321	-4.25E-06	-0.012488
100	-0.000700	-5.67E-05	-0.012488
-0.000393	-0.000183	-4.22E-06	-0.015855
101	-0.000700	-5.60E-05	-0.015855
-0.000482	-0.000705	-5.72E-06	-0.017788
102	-0.000700	-5.23E-05	-0.017788
-0.000548	-0.000548	-5.26E-06	-0.000548
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JOINT DISPLACEMENTS			
TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES			
JOINT	U1	U2	U3
R1	R2	R3	
103	-0.000700	-4.67E-05	-0.017921
-0.000581	-0.000299	-3.93E-06	-0.016148
104	-0.000700	-3.93E-05	-0.016148
-0.000576	-0.000589	-6.35E-06	-0.012629
105	-0.000700	-4.38E-05	-0.012629
-0.000530	-0.000863	-6.39E-06	-0.007722
106	-0.000700	-4.24E-05	-0.007722
-0.000447	-0.001087	-1.03E-05	-0.001850
107	-0.000699	-7.35E-05	-0.001850
-0.000360	-0.001211	-1.35E-05	-0.006663
108	-0.000699	-7.80E-05	-0.006663
-0.000350	-0.001219	-1.35E-05	-0.004238
109	-0.000698	-0.000119	-0.004238
-0.000268	-0.000331	-4.01E-05	-0.008066
110	-0.000698	-0.000331	-0.008066
-0.000270	-0.000502	-4.71E-05	-0.010824
111	-0.000698	-0.000680	-0.010824
-0.000470	-0.000448	-4.61E-05	-0.010824
112	-0.000698	-0.000448	-0.010824
-0.000562	-0.000420	-4.62E-05	-0.012025
113	-0.000698	-0.000420	-0.012025
-0.000567	-0.000420	-4.81E-05	-0.011546
114	-0.000698	-0.000420	-0.011546
-0.000509	-0.000587	-5.07E-05	-0.009531
115	-0.000698	-7.22E-05	-0.009531
-0.000411	-0.000786	-5.61E-05	-0.006538
116	-0.000698	-7.60E-05	-0.006538
-0.000301	-0.000895	-6.35E-05	-0.003221
117	-0.000698	-6.82E-05	-0.003221
-0.000193	-0.000890	-6.39E-05	-0.000408
118	-0.000698	-6.39E-05	-0.000408
-0.000101	-0.000742	-5.27E-05	-0.002307
119	-0.000697	-6.30E-05	-0.002307
-0.000153	-0.000559	-5.53E-05	-0.005773
120	-0.000698	-6.35E-05	-0.005773
-0.000294	-0.000495	-4.69E-05	-0.009193
121	-0.000698	-6.34E-05	-0.0091

129	0.001154	0.000329	0.000118	31	-0.001139	-0.000148	-0.003838	101	-0.001129	-8.49E-05	-0.022830	0.000294	0.001242	1.11E-05	
9.64E-05	0.001066	7.72E-05		-9.91E-05	-0.001122	-1.0E-05		-0.000542	-0.001129	-6.26E-06		0.000161	0.000478		0.002075
130	0.001153	9.91E-05	0.002900	-6.12E-05	-0.001041	-0.000145	-9.75E-07	-0.000764	-0.001129	-7.42E-06	-0.025196	0.0000351	0.001142	1.07E-05	
0.000157	0.001250	9.65E-05		-6.12E-05	-0.001041	-0.000145		-0.000724	-8.41E-05	-6.48E-06		0.0000351	0.001168	0.000479	0.004188
131	0.001154	0.000335	0.006592	-33	-0.001138	-0.000149	-0.003586	103	-0.001131	-7.41E-05	-0.025129	0.000435	0.000087	9.35E-06	
0.000302	0.001296	0.000110		-7.93E-05	-0.000921	-9.3E-05		-0.000764	-0.000343	-7.26E-06		0.0000351	0.001169	0.000472	0.005949
132	0.001153	0.000337	0.009345	39	-0.001137	-0.000147	-0.008951	-0.000752	-0.000769	-8.14E-06	-0.022542	0.000035	0.001170	0.000452	0.007186
0.000452	0.001167	0.000104		-0.000174	-0.000728	-1.10E-05		-0.000752	-0.000769	-8.14E-06		0.000543	0.000216	7.40E-06	
133	0.001153	0.000337	0.011142	35	-0.001137	-0.000195	-0.013889	105	-0.001134	-6.88E-05	-0.017646	0.000543	0.000176	0.000426	0.007722
0.000560	0.000997	8.89E-05		-0.000282	-0.000564	-1.02E-05	-0.017681	-0.000859	-0.001175	-1.04E-05	-0.010828	0.000543	0.000176	0.000426	
134	0.001153	0.000337	0.011933	36	-0.001136	-0.000195	-0.013889	-0.000859	-0.001175	-1.04E-05		0.000543	0.000176	0.000426	
0.000610	0.000646	7.23E-05		-0.000285	-0.000391	-9.17E-06		-0.000576	-0.001508	-1.25E-05	-0.010828	0.000543	0.000176	0.000426	0.007389
135	0.001153	0.000334	0.011983	37	-0.001135	-0.000229	-0.019682	107	-0.001137	-0.000102	-0.002603	0.000498	0.000167	9.14E-06	
0.000613	0.000508	6.01E-05		-0.000417	-0.000304	-8.36E-06		-0.000443	-0.001698	-1.36E-05	-4.61E-07	0.000498	0.000167	9.14E-06	0.006058
136	0.001153	0.000337	0.012120	40	-0.001137	-0.000195	-0.013889	110	-0.001137	-0.000102	-0.002603	0.000498	0.000167	9.14E-06	
0.000582	0.000540	5.77E-05		-0.000429	-0.000401	-8.01E-06	-0.019578	-0.000431	-0.001710	-1.36E-05		0.000498	0.000167	9.14E-06	0.003602
137	0.001153	0.000339	0.009236	39	-0.001134	-0.000221	-0.017394	109	-0.001097	-0.000176	-0.000644	0.000327	0.000606	1.04E-05	
0.000454	0.000685	6.66E-05		-0.000398	-0.000638	-9.05E-06		-0.000311	-0.001099	-0.000167	-0.005661	0.000327	0.000606	1.04E-05	8.55E-08
138	0.001153	0.000337	0.006673	40	-0.001134	-0.000204	-0.013493	-0.000307	-0.000665	-6.80E-05	-0.010616	0.000273	0.000829	2.04E-05	
0.000303	0.000849	7.85E-05		-0.000328	-0.000903	-1.01E-05		111	-0.001101	-0.000168	-0.000168	0.000273	0.000829	2.04E-05	0.002945
139	0.001153	0.000332	0.002944	41	-0.001135	-0.000183	-0.008563	112	-0.001103	-0.000169	-0.014166	0.000273	0.000829	2.04E-05	
0.000155	0.000932	8.07E-05		-0.000229	-0.001032	-1.06E-05	-0.003365	-0.000528	-0.000589	-6.63E-05		0.000273	0.000829	2.04E-05	0.006484
140	0.001153	0.000329	0.000118	42	-0.001135	-0.000172	-0.003365	-0.000528	-0.000589	-6.63E-05		0.000273	0.000829	2.04E-05	
9.32E-05	0.001041	8.07E-05		-0.000124	-0.001004	-1.02E-05		-0.000632	-0.000523	-6.30E-05	-0.015846	0.000273	0.000829	2.04E-05	0.009172
141	0.001152	0.000323	0.003206	43	-0.001136	-0.000173	-1.02E-06	-0.000632	-0.000523	-6.30E-05		0.000273	0.000829	2.04E-05	
0.000153	0.001215	9.91E-05		-7.32E-05	-0.000894	-1.01E-05	-0.006268	-0.000640	-0.000488	-6.23E-05	-0.015442	0.000273	0.000829	2.04E-05	0.010986
142	0.001153	0.000323	0.007317	44	-0.001137	-0.000195	-0.013889	-0.000640	-0.000488	-6.23E-05		0.000273	0.000829	2.04E-05	
0.000315	0.001248	0.000111		-9.67E-05	-0.000687	-9.90E-06		-0.000574	-0.000595	-7.10E-05	-0.013114	0.000273	0.000829	2.04E-05	0.011861
143	0.001151	0.000324	0.010449	45	-0.001137	-0.000202	-0.012802	-0.000574	-0.000595	-7.10E-05		0.000273	0.000829	2.04E-05	
0.000470	0.001112	0.000103		-0.000204	-0.000472	-9.10E-06	-0.018721	-0.000468	-0.000876	-0.000167	-0.009375	0.000273	0.000829	2.04E-05	0.012077
144	0.001151	0.000323	0.025559	46	-0.001137	-0.000222	-0.018721	-0.000468	-0.000876	-0.000167		0.000273	0.000829	2.04E-05	
0.000577	0.000844	8.53E-05		-0.000329	-0.000268	-8.13E-06		-0.000344	-0.001084	-0.000100	-0.004861	0.000273	0.000829	2.04E-05	0.011449
145	0.001150	0.000319	0.013683	47	-0.001139	-0.000238	-0.023220	-0.000344	-0.001084	-0.000100		0.000273	0.000829	2.04E-05	
0.000628	0.001605	6.80E-05		-0.000441	-0.000405	-7.49E-06	-0.025628	-0.000222	-0.001112	-0.000164	-0.000575	0.000273	0.000829	2.04E-05	0.009770
146	0.001150	0.000321	0.014041	48	-0.001140	-0.000245	-0.025628	-0.000222	-0.001112	-0.000164		0.000273	0.000829	2.04E-05	
0.000626	0.000494	6.10E-05		-0.000521	-6.39E-05	-7.08E-06		-0.000139	-0.001054	-8.80E-05	-0.000575	0.000273	0.000829	2.04E-05	0.007051
147	0.001149	0.000332	0.013234	49	-0.001140	-0.000245	-0.025628	-0.000139	-0.001054	-8.80E-05	-0.000575	0.000273	0.000829	2.04E-05	
0.000574	0.000565	6.48E-05		Program	SAP2000 Nonlinear Version 7.42			-0.000192	-0.000876	-7.78E-05	-0.003342	0.000273	0.000829	2.04E-05	0.003262
148	0.001149	0.000340	0.011201	File:상행S11-S1503.OUT				-0.000350	-0.000821	-7.80E-05	-0.001810	0.000273	0.000829	2.04E-05	
0.000489	0.000743	7.76E-05		<	MOVING	Page	LOAD	100	>			Program	SAP2000 Nonlinear Version 7.42		
149	0.001149	0.000349	0.007976					-0.000491	-0.000683	-6.78E-05	-0.012834	File:상행S11-S1503.OUT			
0.000325	0.000595	6.20E-05						-0.000591	-0.000556	-5.97E-05	-0.016614				
150	0.001150	0.000358	0.003553					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000202	0.001087	9.44E-05						-0.000591	-0.000556	-5.97E-05	-0.016614				
151	0.001150	0.000363	0.000121					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000149	0.000908	0.000109						-0.000591	-0.000556	-5.97E-05	-0.016614				
152	0.001151	0.000368	0.003711					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000236	0.001479	0.000133						-0.000591	-0.000556	-5.97E-05	-0.016614				
153	0.001153	0.000370	0.006596					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000426	0.000913	0.000131						-0.000591	-0.000556	-5.97E-05	-0.016614				
154	0.001155	0.000375	0.008431					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000574	0.001278	0.000117						-0.000591	-0.000556	-5.97E-05	-0.016614				
155	0.001156	0.000377	0.009296					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000865	0.000980	0.000105						-0.000591	-0.000556	-5.97E-05	-0.016614				
156	0.001158	0.000379	0.009279					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000744	0.000650	7.30E-05						-0.000591	-0.000556	-5.97E-05	-0.016614				
157	0.001161	0.000388	0.008512					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000628	0.000980	0.000105						-0.000591	-0.000556	-5.97E-05	-0.016614				
158	0.001163	0.000400	0.007136					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000675	0.000538	6.58E-05						-0.000591	-0.000556	-5.97E-05	-0.016614				
159	0.001165	0.000413	0.005294					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000538	0.000595	6.85E-05						-0.000591	-0.000556	-5.97E-05	-0.016614				
160	0.001167	0.000429	0.003116					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000312	0.000637	7.27E-05						-0.000591	-0.000556	-5.97E-05	-0.016614				
161	0.001169	0.000451	0.000724					-0.000591	-0.000556	-5.97E-05	-0.016614				
6.57E-05	0.000496	4.15E-05						-0.000591	-0.000556	-5.97E-05	-0.016614				
162	0.001169	0.000455	0.000114					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000105	0.000502	5.47E-05						-0.000591	-0.000556	-5.97E-05	-0.016614				
163	0.000875	0.000520	0.000000					-0.000591	-0.000556	-5.97E-05	-0.016614				
164	0.001172	0.000522	0.000000					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000241	0.000845	1.04E-05						-0.000591	-0.000556	-5.97E-05	-0.016614				
165	1.43E-05	0.000483	0.000000					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000288	1.05E-05	0.000488	0.000000					-0.000591	-0.000556	-5.97E-05	-0.016614				
166	0.002440	0.000306	0.000000					-0.000591	-0.000556	-5.97E-05	-0.016614				
0.000431	0.000880	1.06E-05						-0.000591	-0.000556	-5.97E-05	-0.016614				
167	0.														

0.000400	0.000282	7.80E-06	0.009534	0.000469	0.000743	7.76E-05	0.007976	JOINT	U1	U2	U3	119	-0.001115	-0.000156	-0.003342
0.000323	0.001174	0.000289		148	0.001149	0.000349		R1	R2	R3		-0.000192	-0.000876	-0.000876	-0.000156
73	0.001174	0.000291	0.006894	0.000325	0.000958	9.20E-05		-0.001132	-0.000173	-1.02E-06		-0.000116	-0.000116	-0.000116	-0.000116
0.000225	0.000629	7.91E-06		150	0.001150	0.000358	0.003553	-7.32E-05	-0.000894	-1.01E-05		-0.000350	-0.000821	-7.80E-05	-0.008180
74	0.001173	0.000294	0.003198	0.000202	0.001087	9.44E-05		-44	-0.001137	-0.000183	-0.006268	121	-0.001117	-0.000151	-0.012834
0.000136	0.000637	7.95E-06		151	0.001150	0.000363	0.000121	-9.67E-05	-0.000687	-9.90E-06		-0.000491	-0.000683	-6.78E-05	
75	0.001173	0.000294	1.39E-07	0.000149	0.001151	0.000370		57	-0.001144	-0.000190	-0.012802	122	-0.001118	-0.000152	-0.016614
0.000106	0.000978	8.09E-06		152	0.001151	0.000368	0.003711	-0.000204	-0.000472	-9.10E-06		-0.000591	-0.000556	-5.97E-05	
0.000122	0.000294	8.09E-06	0.003094	0.000236	0.001479	0.000133		-46	-0.001138	-0.000222	-0.018721	123	-0.001118	-0.000153	-0.018794
77	0.001172	0.000298	0.006738	0.000726	0.001463	0.000109	0.006596	-0.000329	-0.000268	-8.13E-06		-0.000638	-0.000499	-6.03E-05	
0.000199	0.001089	9.65E-06		154	0.001155	0.000375	0.008431	-0.000441	-8.40E-05	-7.49E-06	-0.023220	-0.000622	-0.000598	-6.90E-05	-0.018973
79	0.001172	0.000293	0.011168	0.000574	0.001278	0.000117		-48	-0.001140	-0.000245	-0.025628	125	-0.001118	-0.000153	-0.017105
0.000387	0.000659	9.41E-06	0.009425	155	0.001156	0.000377	0.009296	-0.000521	-6.39E-05	-7.08E-06		-0.000552	-0.000821	-8.42E-05	
80	0.001173	0.000293	0.011927	0.000744	0.001650	0.000117	0.008512	51	-0.001144	-0.000190	-0.022934	126	-0.001119	-0.000154	-0.013504
0.000431	0.000386	8.15E-06		156	0.001158	0.000379	0.009279	-0.000550	-0.000356	-7.02E-06	-0.025563	-0.000445	-0.001088	-9.81E-05	
81	0.001173	0.000294	0.011977	0.000744	0.001650	0.000117		-50	-0.001143	-0.000223	-0.022934	127	-0.001117	-0.000147	-0.008830
0.000432	0.000259	7.64E-06	0.011246	157	0.001161	0.000388		-0.000552	-0.000774	-8.34E-06	-0.017952	-0.000302	-0.001225	-0.000105	-0.003712
82	0.001173	0.000293		0.000741	0.001500	0.000109	0.007136	-0.000455	-0.001144	-0.000190	-0.011014	-0.000112	-0.001027	-7.48E-05	-0.000553
0.000389	0.000386	8.29E-06	0.009516	0.000538	0.000595	6.86E-05	0.005294	-0.000392	-0.001534	-1.18E-05	-0.002647	130	-0.001116	-0.000144	-0.003874
83	0.001173	0.000299	0.006819	160	0.001167	0.000429	0.003116	-0.000263	-0.001735	-1.28E-05		-0.000167	-0.000922	-7.53E-05	-0.009313
0.000307	0.000464	8.65E-06	0.006819	0.000312	0.000637	7.27E-05	0.000724	-0.000236	-0.001148	-0.000115	-4.51E-07	131	-0.001115	-0.000147	-0.009313
84	0.001173	0.000300		161	0.001169	0.000451		-0.000236	-0.001149	-1.29E-05	-0.002647	-0.000321	-0.000944	-7.65E-05	-0.014375
0.000202	0.000637	8.27E-06	0.003138	6.57E-05	0.000366	6.86E-05	0.000120	-0.000411	-0.000448	-1.52E-05	-0.005405	-0.000463	-0.000688	-6.93E-05	-0.014375
85	0.001173	0.000297	0.003138	162	0.001169	0.000455	0.000120	-0.000411	-0.000448	-1.52E-05	-0.005405	-0.000463	-0.000688	-6.93E-05	-0.014375
0.000124	0.000832	8.01E-06	1.63E-07	0.000105	0.000502	5.47E-05	0.000000	-0.000554	-0.000378	-1.31E-05	-0.014067	133	-0.001115	-0.000149	-0.018381
87	0.001172	0.000293	0.003394	0.000236	0.000637	7.27E-05	0.000724	-0.000236	-0.001148	-0.000115	-4.51E-07	135	-0.001115	-0.000149	-0.018381
0.000134	0.000477	8.87E-06	0.007451	0.000241	0.000845	1.04E-05	0.000000	-0.000554	-0.000378	-1.31E-05	-0.014067	135	-0.001115	-0.000149	-0.018381
88	0.001173	0.000298		163	0.001169	0.000455	0.000120	-0.000554	-0.000378	-1.31E-05	-0.014067	135	-0.001115	-0.000149	-0.018381
0.000223	0.001044	9.71E-06	0.010510	0.000268	0.000983	1.05E-05	0.000000	-0.000603	-0.000216	-8.61E-06	-0.015738	-0.000561	-0.000876	-8.03E-05	-0.018573
89	0.001171	0.000289	0.010510	0.000431	0.000880	1.06E-05	0.000000	-0.000603	-0.000216	-8.61E-06	-0.015738	-0.000561	-0.000876	-8.03E-05	-0.018573
0.000322	0.000890	9.92E-06	0.012561	0.000369	0.001126	1.12E-05	0.000000	-0.000557	-0.000348	-1.47E-06	-0.012994	-0.000461	-0.001159	-0.000150	-0.014637
90	0.001176	0.000287		164	0.001191	0.000472	0.000000	-0.000474	-0.000639	-8.09E-06	-0.015331	137	-0.001114	-0.000148	-0.009566
0.000402	0.000607	9.30E-06	0.013637	0.000369	0.001126	1.12E-05	0.000000	-0.000557	-0.000348	-1.47E-06	-0.012994	-0.000461	-0.001159	-0.000150	-0.014637
91	0.001169	0.000280	0.013637	0.000431	0.000880	1.06E-05	0.000000	-0.000474	-0.000639	-8.09E-06	-0.015331	137	-0.001114	-0.000148	-0.009566
0.000400	0.000359	8.05E-06	0.013998	0.000231	0.000493	1.34E-05	0.000000	-0.000474	-0.000639	-8.09E-06	-0.015331	137	-0.001114	-0.000148	-0.009566
92	0.001173	0.000298		165	0.001169	0.000455	0.000120	-0.000557	-0.000348	-1.47E-06	-0.012994	-0.000461	-0.001159	-0.000150	-0.014637
0.000434	0.000245	8.07E-06	0.013998	0.000185	0.001211	1.41E-05	0.000000	-0.000474	-0.000639	-8.09E-06	-0.015331	137	-0.001114	-0.000148	-0.009566
93	0.001167	0.000284	0.013225	0.000231	0.000493	1.34E-05	0.000000	-0.000474	-0.000639	-8.09E-06	-0.015331	137	-0.001114	-0.000148	-0.009566
0.000386	0.000333	9.04E-06	0.011254	0.000131	0.000809	7.02E-06	0.000000	-0.000474	-0.000639	-8.09E-06	-0.015331	137	-0.001114	-0.000148	-0.009566
94	0.001173	0.000298		Program	SAP2000 Nonlinear Version 7.42			File:상행S11-S1503.OUT				Program	SAP2000 Nonlinear Version 7.42		
0.000301	0.000523	9.50E-06	0.008107	Page	LOAD	>									
95	0.001166	0.000308	0.003747	106											
0.000190	0.000750	8.74E-06	8.23E-08												
96	0.001169	0.000321													
0.000125	0.000990	8.13E-06	0.003747												
97	0.001167	0.000327	8.23E-08												
0.000131	0.001147	7.82E-06	0.003894												
98	0.001173	0.000328													
0.000204	0.001285	8.61E-06	0.006714												
99	0.001170	0.000322													
0.000323	0.001252	9.56E-06	0.008478												
100	0.001173	0.000328													
0.000430	0.001051	9.71E-06	0.009285												
101	0.001174	0.000315	0.009285												
0.000504	0.000713	8.95E-06	0.009232												
102	0.001176	0.000307	0.009232												
0.000537	0.000398	8.28E-06	0.008449												
103	0.001179	0.000301	0.008449												
0.000522	0.000248	8.94E-06	0.007074												
104	0.001181	0.000313	0.007074												
0.000459	0.000322	1.07E-05	0.005244												
105	0.001182	0.000334	0.005244												
0.000533	0.000398	1.30E-05	0.003090												
106	0.001184	0.000363	0.003090												
0.000221	0.000452	1.50E-05	0.000727												
107	0.001185	0.000405	0.000727												
8.78E-05	0.000479	1.58E-05	4.19E-08												
108	0.001185	0.000419	4.19E-08												
6.97E-05	0.000481	1.58E-05	0.000137												
109	0.001188	0.000493	0.000137												
0.000134	0.001523	0.000161	0.002003												
110	0.001189	0.000498	0.002003												
0.000189	0.001314	0.000113	0.004069												
111	0.001140	0.000437	0.004069												
0.000420	0.001105	0.000101	0.005785												
112	0.001192	0.000499	0.005785												
0.000560	0.000802	7.86E-05	0.006985												
113	0.001143	0.000385	0.006985												
0.000613	0.000481	9.16E-06	0.007489												
114	0.001145	0.000367	0.007489												
0.000592	0.000313	5.24E-05	0.007131												
115	0.001147	0.000365	0.007131												
0.000515	0.000405	5.68E-05	0.005785												
116	0.001149	0.000361	0.005785												
0.000391	0.000587	6.61E-05	0.003341												
117	0.001151	0.000355	0.003341					</							

TRANSLATIONS AND ROTATIONS, IN LOCAL

COORDINATES	JOINT	U1	U2	U3
R1	R2	R3		
15	0.001185	0.000377	0.011861	
0.000558	0.000380	7.64E-06		
16	0.001185	0.000377	0.012077	
0.000552	0.000237	7.79E-06		
0.000558	0.001185	0.000377	0.011449	
18	0.001185	0.000354	0.009770	
0.000484	0.000458	9.38E-06		
19	0.001184	0.000331	0.007051	
0.000383	0.000292	1.02E-05		
20	0.001184	0.000309	0.003262	
0.000280	0.000857	1.06E-05		
23	0.001184	0.000331	1.33E-07	
0.000246	0.001184	0.000331		
22	0.001183	0.000319	0.003154	
0.000272	0.001089	1.04E-05		
23	0.001182	0.000341	0.006889	
0.000370	0.001086	1.07E-05		
24	0.001181	0.000366	0.009655	
0.000470	0.000948	1.01E-05		
25	0.001180	0.000385	0.011454	
0.000577	0.000662	8.82E-06		
26	0.001180	0.000391	0.012240	
0.000587	0.000397	7.80E-06		
0.000588	0.000397	7.80E-06	0.012292	
28	0.001178	0.000385	0.011535	
0.000549	0.000314	8.61E-06		
29	0.001178	0.000367	0.009748	
0.000473	0.000473	9.74E-06		
30	0.001177	0.000342	0.006973	
0.000372	0.000648	1.05E-05		
0.000373	0.001177	0.000318	0.003200	
32	0.001176	0.000307	1.58E-07	
0.000244	0.000964	1.06E-05		
33	0.001176	0.000308	0.003464	
0.000278	0.001050	1.08E-05		
34	0.001174	0.000329	0.007626	
0.000383	0.001045	1.11E-05		
35	0.001173	0.000353	0.010777	
0.000485	0.000891	1.08E-05		
36	0.001172	0.000372	0.012895	
0.000560	0.000608	9.40E-06		
0.000597	0.001174	0.000364	0.014013	
38	0.001171	0.000387	0.014384	
0.000592	0.000247	8.38E-06		
39	0.001170	0.000363	0.013584	
0.000550	0.000335	9.14E-06		
40	0.001170	0.000369	0.011549	
0.000473	0.000527	1.02E-05		
41	0.001170	0.000353	0.008307	
0.000376	0.000756	1.09E-05		
42	0.001170	0.000343	0.003832	
0.000295	0.000996	1.11E-05		
0.000290	0.001170	0.000344	7.83E-08	
44	0.001172	0.000362	0.003976	
0.000355	0.001288	1.18E-05		
45	0.001171	0.000397	0.006879	
0.000464	0.001257	1.28E-05		
46	0.001176	0.000431	0.008707	
0.000566	0.001059	1.25E-05		
47	0.001173	0.000463	0.009552	
0.000640	0.000721	1.14E-05		
48	0.001180	0.000484	0.009510	
0.000670	0.000387	1.01E-05		
49	0.001181	0.000487	0.008713	
0.000652	0.000265	9.79E-06		
50	0.001183	0.000501	0.007302	
0.000587	0.000324	1.03E-05		
51	0.001184	0.000490	0.005420	
0.000488	0.000403	1.13E-05		
52	0.001184	0.000471	0.003197	
0.000368	0.000384	1.04E-05		
53	0.001184	0.000445	0.000753	
0.000248	0.000490	1.34E-05		
54	0.001184	0.000437	4.94E-08	
0.000231	0.000512	1.34E-05		
55	0.001185	0.000449	5.38E-08	
9.68E-05	0.001209	1.41E-05		
56	0.001180	0.000403	0.002005	
0.000170	0.001180	0.000403	0.004053	
0.000272	0.000868	1.18E-05		
58	0.001161	0.000329	0.005764	
0.000351	0.001161	0.000329	0.006973	
59	0.001163	0.000307	0.006973	
0.000399	0.000202	7.68E-06		
60	0.001164	0.000300	0.007506	
0.000398	0.000166	6.57E-06		
61	0.001166	0.000310	0.007196	
0.000352	0.000159	6.40E-06		
62	0.001168	0.000316	0.005915	
0.000271	0.000174	6.43E-06		
63	0.001170	0.000317	0.003529	
0.000178	0.000583	6.40E-06		
64	0.001171	0.000316	8.95E-08	
0.000184	0.000170	0.000316		
Program	SAP2000 Nonlinear	Version 7.42		
File:상형S11-S1503.OUT				

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JOINT DISPLACEMENTS

COORDINATES	JOINT	U1	U2	U3
R1	R2	R3		
65	0.001172	0.000313	0.002885	
0.000115	0.000936	8.08E-06		
66	0.001173	0.000302	0.006336	
0.000182	0.000985	9.42E-06		
0.000293	0.001174	0.000290	0.008946	
68	0.001173	1.00E-05	0.010703	
0.000379	0.000630	9.36E-06		
69	0.001174	0.000282	0.011550	
0.000428	0.000373	7.99E-06		
70	0.001174	0.000284	0.011763	
0.000436	0.000234	7.31E-06		
71	0.001174	0.000289	0.011158	
0.000400	0.000282	7.80E-06		
72	0.001174	0.000289	0.009534	
0.000323	0.000444	8.23E-06		
73	0.001174	0.000291	0.006894	
0.000225	0.000629	7.91E-06		
74	0.001173	0.000294	0.003198	
0.000136	0.000839	7.85E-06		
0.000106	0.000978	8.09E-06	1.39E-07	
76	0.001173	0.000294	0.003094	
0.000122	0.001078	8.76E-06		
0.000199	0.001172	0.000289	0.006738	
78	0.001172	0.000297	0.009425	
0.000305	0.000942	1.01E-05		
79	0.001172	0.000297	0.011168	
0.000387	0.000659	9.41E-06		
80	0.001172	0.000293	0.011927	
0.000431	0.000396	8.15E-06		
81	0.001173	0.000294	0.011977	
0.000432	0.000259	7.64E-06		
82	0.001173	0.000293	0.011246	
0.000389	0.000308	8.29E-06		
83	0.001173	0.000293	0.009516	
0.000307	0.000464	8.95E-06		
84	0.001173	0.000300	0.006819	
0.000202	0.000637	8.27E-06		
85	0.001173	0.000297	0.003138	
0.000124	0.000832	8.01E-06		
86	0.001172	0.000296	1.63E-07	
0.000105	0.000958	8.25E-06		
87	0.001173	0.000293	0.003394	
0.000134	0.001047	8.87E-06		
88	0.001171	0.000290	0.007451	
0.000223	0.001044	9.71E-06		
89	0.001171	0.000289	0.010510	

0.000322	0.000890	9.92E-06		
90	0.001170	0.000287	0.012561	
0.000402	0.000607	8.00E-06		
91	0.001169	0.000280	0.013637	
0.000440	0.000359	8.05E-06		
92	0.001168	0.000276	0.013998	
0.000434	0.000245	8.00E-06		
93	0.001167	0.000284	0.013225	
0.000386	0.000333	9.04E-06		
94	0.001167	0.000296	0.011254	
0.000301	0.000283	8.00E-06		
95	0.001166	0.000308	0.008107	
0.000190	0.000750	8.74E-06		
0.000057	0.001167	0.000321	0.003747	
0.000125	0.000990	8.00E-06		
97	0.001167	0.000327	8.23E-08	
0.000131	0.001147	7.82E-06		
98	0.001168	0.000328	0.003894	
0.000204	0.001172	8.00E-06		
99	0.001170	0.000322	0.006714	
0.000323	0.001252	9.56E-06		
100	0.001172	0.000318	0.008478	
0.000430	0.001051	9.16E-06		
101	0.001174	0.000315	0.009285	
0.000504	0.000713	8.95E-06		
102	0.001176	0.000307	0.009232	
0.000537	0.000398	8.00E-06		
103	0.001179	0.000301	0.008449	
0.000522	0.000248	8.94E-06		
104	0.001181	0.000313	0.007074	
0.000459	0.000322	8.00E-06		
105	0.001182	0.000334	0.005244	
0.000353	0.000398	1.30E-05		
106	0.001184	0.000363	0.003090	
0.000221	0.000452	1.50E-05		
107	0.001185	0.000405	0.000727	
8.78E-05	0.000479	1.58E-05		
0.001185	0.000318	1.58E-05	4.19E-08	
109	0.001138	0.000493	0.000137	
0.000134	0.001523	0.000161		
110	0.001139	0.000493	0.002003	
0.000189	0.001314	0.000113		
111	0.001140	0.000437	0.004069	
0.000420	0.001105	0.000101		
112	0.001145	0.000429	0.005785	
0.000560	0.000802	7.86E-05		
113	0.001143	0.000385	0.006985	
0.000613	0.000481	8.00E-05		
0.000145	0.001145	0.000429	0.007489	
0.000592	0.000313	5.24E-05		
Program	SAP2000 Nonlinear	Version 7.42		
File:상형S11-S1503.OUT				

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES				
JOINT	U1	U2	U3	
R1	R2	R3		
115	0.001147	0.000365	0.007131	
0.000515	0.000408	5.68E-05		
116	0.001149	0.000361	0.005785	
0.000391	0.000587	6.81E-05		
117	0.000587	0.000361	0.003341	
0.000227	0.000803	7.88E-05		
118	0.001152	0.000350	0.000121	
0.000134	0.000918	8.05E-05		
0.000113	0.000349	8.00E-06	0.002678	
0.000183	0.001116	9.21E-05		
120	0.001154	0.000340	0.006180	
0.000312	0.001197	0.000105		
0.000184	0.000349	0.000349	0.008858	
0.000458	0.001108	9.72E-05		
122	0.001156	0.000328	0.010672	
0.000565	0.000876	8.13E-05		
0.000620	0.001156	0.000320	0.011552	
0.000620	0.000633	6.92E-05		
124	0.001156	0.000318	0.011770	
0.000625	0.000465	0.000465		
125	0.001155	0.000323	0.011367	
0.000576	0.000513	6.20E-05		
126	0.001155	0.000325	0.009458	
0.000470	0.000666	6.20E-05		
0.000317	0.001128	0.000327	0.006752	
128	0.001154	0.000327	0.003007	
0.000455	0.001154	7.72E-05		
129	0.001154	0.000329	0.000118	
9.64E-05	0.001066	7.72E-05		
130	0.001154	0.000331	0.002900	
0.000157	0.001154	9.65E-05		
131	0.001154	0.000335	0.006592	
0.000302	0.001296	0.000110		
132	0.001153	0.000337	0.009345	
0.000452	0.001153	0.000344		
133	0.001153	0.000337	0.011142	
0.000560	0.000897	8.99E-05		
134	0.001153	0.000334		
0.000613	0.001153	0.000333	0.011983	
135	0.001153	0.000334	0.019933	
0.000616	0.000508	6.01E-05		
0.000513	0.001153	0.000339	0.011220	
0.000562	0.000508	5.70E-05		
137	0.001153	0.000339	0.009436	
0.000454	0.000885	6.66E-05		
138	0.001153	0.000337	0.006673	
0.000303	0.001153	7.67E-05		
0.000155	0.000932	8.07E-05	0.000187	
140	0.001153	0.000335	0.000187	
9.32E-05	0.001153	8.07E-05	0.000187	
141	0.001152	0.000323	0.003206	
0.000153	0.001215	9.31E-05		
142	0.001152	0.000323	0.003717	
0.000145	0.001153	0.000323	0.000111	
143	0.001151	0.000324	0.010449	
0.000470	0.001112	0.000103		
0.000577	0.000844	8.53E-05	0.012559	
145	0.001150	0.000319	0.013683	
0.000628	0.000605	6.89E-05		
146	0.001150	0.000321	0.014041	
0.000626	0.000494	6.10E-05	0.013234	
147	0.001149	0.000332		
0.000574	0.000565	6.48E-05	0.011201	
0.000489	0.001118	7.76E-05		
149	0.001149	0.000349	0.007976	
0.000325	0.000958	9.20E-05	0.000553	
0.000202	0.001087	9.44E-05	0.000121	
151	0.001150	0.000363		
0.000149	0.001314	0.000109	0.003711	
152	0.001149	0.000368	0.006596	
0.000426	0.001479	0.000370	0.008431	
153	0.001153	0.000370		
0.000424	0.001463	0.000131		
154	0.001153	0.000371		
0.000574	0.001278	0.000117	0.009296	
0.000586	0.001156	0.000377		
156	0.000958	9.31E-05	0.009279	
0.000744	0.000650	7.30E-05	0.008512	
157	0.001161	0.000388		
0.000741	0.000500	6.46E-05	0.007136	
158	0.001159	0.000400		
0.000575	0.000538	6.58E-05	0.005294	
0.000338	0.001165	0.000413		
160	0.000595	6.55E-05	0.000724	
0.000312	0.000637	7.27E-05		
6.57E-05	0.001169	0.000451		
161	0.001169	4.54E-05	0.000120	
0.000105	0.000502	5.47E-05		
163	0.000873	0.000520	0.000000	
0.000596	0.000511	0.000455		
164	0.001561	0.000840	0.000000	
0.000241	0.000845	1.04E-05		
SAP2000 Nonlinear Version 7.42				
File:scans511-S105.OUT				

169 .000000 -2.704780 -95.690003
.000000 .000000 .000000
170 .000000 -6.776582 -148.319031
.000000 .000000 .000000
171 -31.243372 -8.509530 -227.890882
.000000 .000000 .000000
172 .000000 -8.419704 -270.693025
.000000 .000000 .000000
173 .000000 -7.683704 -135.553519
.000000 .000000 .000000
174 .000000 -2.968580 -80.038073
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1503.OUT

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< MOVING >
RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS,
IN LOCAL COORDINATES

COMB DL-G2-1 ----- MAX
JOINT F1 F2 F3
M1 M2 M3
163 .000000 .000000 17.832126
.000000 .000000 .000000
164 .000000 .000000 28.689128
.000000 .000000 .000000
165 17.036650 .000000 35.896849
.000000 .000000 .000000
166 .000000 .000000 32.148966
.000000 .000000 .000000
167 .000000 .000000 38.056072
.000000 .000000 .000000
168 .000000 .000000 15.818774
.000000 .000000 .000000
169 .000000 .000000 533.519406
.000000 .000000 .000000
170 .000000 2.537855 1158.955
.000000 .000000 .000000
171 16.348469 3.777604 1181.626
.000000 .000000 .000000
172 .000000 4.395706 1178.995
.000000 .000000 .000000
173 .000000 2.140505 1226.716
.000000 .000000 .000000
174 .000000 1.579302 583.171720
.000000 .000000 .000000

COMB DL-G2-1 ----- MIN
JOINT F1 F2 F3
M1 M2 M3
163 .000000 .000000 -49.040315
.000000 .000000 .000000
164 .000000 .000000 -67.624981
.000000 .000000 .000000
165 -16.288362 .000000 -87.966072
.000000 .000000 .000000
166 .000000 .000000 -102.753215
.000000 .000000 .000000
167 .000000 .000000 -65.718193
.000000 .000000 .000000
168 .000000 .000000 -52.062734
.000000 .000000 .000000
169 .000000 .000000 -49.852092
.000000 .000000 .000000
170 .000000 .000000 -71.653665
.000000 .000000 .000000
171 -17.099539 -3.866798 -112.832752
.000000 .000000 .000000
172 .000000 .000000 -130.609227
.000000 .000000 .000000
173 .000000 .000000 -66.917828
.000000 .000000 .000000
174 .000000 .000000 -39.793319
.000000 .000000 .000000

COMB DL-G2-2 ----- MAX
JOINT F1 F2 F3
M1 M2 M3
163 .000000 .000000 80.645754
.000000 .000000 .000000
164 .000000 .000000 403.934797
.000000 .000000 .000000
165 21.424634 .000000 423.505224
.000000 .000000 .000000
166 .000000 .000000 419.808285
.000000 .000000 .000000
167 .000000 .000000 404.013124
.000000 .000000 .000000
168 .000000 .000000 186.902158
.000000 .000000 .000000
169 .000000 .000000 810.388418
.000000 .000000 .000000
170 .000000 .000000 1775.471
.000000 .000000 .000000
171 20.382200 7.549588 1813.012
.000000 .000000 .000000
172 .000000 .000000 1808.147
.000000 .000000 .000000
173 .000000 .000000 1881.685
.000000 .000000 .000000
174 .000000 .000000 880.180044
.000000 .000000 .000000
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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS,
IN LOCAL COORDINATES

COMB DL-G2-2 ----- MIN
JOINT F1 F2 F3
M1 M2 M3
163 .000000 .000000 -68.359884
.000000 .000000 .000000
164 .000000 .000000 -92.005022
.000000 .000000 .000000
165 -20.307241 .000000 -140.281656
.000000 .000000 .000000
166 .000000 .000000 -170.372892
.000000 .000000 .000000
167 .000000 .000000 -82.611613
.000000 .000000 .000000
168 .000000 .000000 -56.331538
.000000 .000000 .000000
169 .000000 .000000 -86.683662
.000000 .000000 .000000
170 .000000 .000000 -127.555682
.000000 .000000 .000000
171 -21.503713 -7.351352 -199.608999
.000000 .000000 .000000
172 .000000 .000000 -232.542864
.000000 .000000 .000000
173 .000000 .000000 -118.346902
.000000 .000000 .000000
174 .000000 .000000 -68.551680
.000000 .000000 .000000

COMB DL-G2-3 ----- MAX
JOINT F1 F2 F3
M1 M2 M3
163 .000000 .000000 548.360333
.000000 .000000 .000000
164 .000000 .000000 1183.007
.000000 .000000 .000000
165 30.943436 .000000 1216.653
.000000 .000000 .000000
166 .000000 .000000 1211.049
.000000 .000000 .000000
167 .000000 .000000 1267.852
.000000 .000000 .000000
168 .000000 .000000 590.465550
.000000 .000000 .000000

.000000 .000000 .000000
169 .000000 .000000 780.907760
.000000 .000000 .000000
170 .000000 .000000 1747.064
.000000 .000000 .000000
171 29.820276 9.268828 1789.954
.000000 .000000 .000000
172 .000000 .000000 1783.907
.000000 .000000 .000000
173 .000000 .000000 .000000
174 .000000 .000000 1859.981
.000000 .000000 .000000
174 .000000 .000000 840.603483
.000000 .000000 .000000

COMB DL-G2-3 ----- MIN
JOINT F1 F2 F3
M1 M2 M3

163 .000000 .000000 -106.714387
.000000 .000000 .000000
164 .000000 .000000 -139.926625
.000000 .000000 .000000
165 .000000 .000000 -216.890625
.000000 .000000 .000000
166 .000000 .000000 -258.781149
.000000 .000000 .000000
167 .000000 .000000 -127.327265
.000000 .000000 .000000
168 .000000 .000000 -88.053784
.000000 .000000 .000000
169 .000000 .000000 -102.693915
.000000 .000000 .000000
170 .000000 .000000 -156.697529
.000000 .000000 .000000
171 -29.710609 -9.027336 -242.386976
.000000 .000000 .000000
172 .000000 .000000 -285.793824
.000000 .000000 .000000
173 .000000 .000000 -144.108208
.000000 .000000 .000000
174 .000000 .000000 -79.892716
.000000 .000000 .000000
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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS,
IN LOCAL COORDINATES

COMB DB ----- MAX
JOINT F1 F2 F3
M1 M2 M3
163 .000000 .000000 751.266650
.000000 .000000 .000000
164 .000000 .000000 808.867795
.000000 .000000 .000000
165 23.415152 .000000 808.403550
.000000 .000000 .000000
166 .000000 .000000 808.502558
.000000 .000000 .000000
167 .000000 .000000 813.003859
.000000 .000000 .000000
168 .000000 .000000 760.830748
.000000 .000000 .000000
169 .000000 .000000 790.036951
.000000 .000000 .000000
170 .000000 .000000 860.593431
.000000 .000000 .000000
171 23.358978 5.536099 860.463849
.000000 .000000 .000000
172 .000000 .000000 860.534861
.000000 .000000 .000000
173 .000000 .000000 863.876181
.000000 .000000 .000000
174 .000000 .000000 799.312103
.000000 .000000 .000000

COMB DB ----- MIN
JOINT F1 F2 F3
M1 M2 M3
163 .000000 .000000 -82.379390
.000000 .000000 .000000
164 .000000 .000000 -105.071015
.000000 .000000 .000000
165 23.273063 .000000 -109.064833
.000000 .000000 .000000
166 .000000 .000000 -128.593453
.000000 .000000 .000000
167 .000000 .000000 -98.524658
.000000 .000000 .000000
168 .000000 .000000 -67.542386
.000000 .000000 .000000
169 .000000 .000000 -73.767262
.000000 .000000 .000000
170 .000000 .000000 -110.309765
.000000 .000000 .000000
171 -23.501594 -4.301651 -113.298631
.000000 .000000 .000000
172 .000000 .000000 -132.365253
.000000 .000000 .000000
173 .000000 .000000 -103.794682
.000000 .000000 .000000
174 .000000 .000000 -57.604659
.000000 .000000 .000000

COMB DL ----- MAX
JOINT F1 F2 F3
M1 M2 M3
163 .000000 .000000 786.555781
.000000 .000000 .000000
164 .000000 .000000 1676.491
.000000 .000000 .000000
165 31.128465 .000000 1710.898
.000000 .000000 .000000
166 .000000 .000000 1705.846
.000000 .000000 .000000
167 .000000 .000000 1777.855
.000000 .000000 .000000
168 .000000 .000000 861.658553
.000000 .000000 .000000
169 .000000 .000000 100.388418
.000000 .000000 .000000
170 .000000 .000000 1775.471
.000000 .000000 .000000
171 30.225579 9.268928 1813.012
.000000 .000000 .000000
172 .000000 .000000 1808.147
.000000 .000000 .000000
173 .000000 .000000 1881.685
.000000 .000000 .000000
174 .000000 .000000 880.180044
.000000 .000000 .000000
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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS,
IN LOCAL COORDINATES

COMB DL ----- MIN
JOINT F1 F2 F3
M1 M2 M3
163 .000000 .000000 -115.448868
.000000 .000000 .000000
164 .000000 .000000 -149.544051
.000000 .000000 .000000
165 30.114425 .000000 -233.402267
.000000 .000000 .000000
166 .000000 .000000 -276.349956
.000000 .000000 .000000
167 .000000 .000000 -136.971237
.000000 .000000 .000000

168 .000000 .000000 -94.323553
.000000 .000000 .000000
169 .000000 .000000 -102.693915
.000000 .000000 .000000
170 .000000 .000000 -156.697529
.000000 .000000 .000000
171 -31.243372 -8.509530 -227.890882
.000000 .000000 .000000
172 .000000 .000000 -285.793824
.000000 .000000 .000000
173 .000000 .000000 -144.108208
.000000 .000000 .000000
174 .000000 .000000 -80.038073
.000000 .000000 .000000

COMB CAR ----- MAX
JOINT F1 F2 F3
M1 M2 M3

163 .000000 .000000 786.555781
.000000 .000000 .000000
164 .000000 .000000 1676.491
.000000 .000000 .000000
165 31.128465 .000000 1710.898
.000000 .000000 .000000
166 .000000 .000000 1705.846
.000000 .000000 .000000
167 .000000 .000000 1777.855
.000000 .000000 .000000
168 .000000 .000000 861.658553
.000000 .000000 .000000
169 .000000 .000000 810.388418
.000000 .000000 .000000
170 .000000 .000000 1775.471
.000000 .000000 .000000
171 30.225579 9.268928 1813.012
.000000 .000000 .000000
172 .000000 .000000 1808.147
.000000 .000000 .000000
173 .000000 .000000 1881.685
.000000 .000000 .000000
174 .000000 .000000 880.180044
.000000 .000000 .000000

COMB CAR ----- MIN
JOINT F1 F2 F3
M1 M2 M3

163 .000000 .000000 -115.448868
.000000 .000000 .000000
164 .000000 .000000 -149.544051
.000000 .000000 .000000
165 -30.114425 .000000 -233.402267
.000000 .000000 .000000
166 .000000 .000000 -276.349956
.000000 .000000 .000000
167 .000000 .000000 -136.971237
.000000 .000000 .000000
168 .000000 .000000 -94.323553
.000000 .000000 .000000
169 .000000 .000000 -102.693915
.000000 .000000 .000000
170 .000000 .000000 -156.697529
.000000 .000000 .000000
171 -31.243372 -8.509530 -227.890882
.000000 .000000 .000000
172 .000000 .000000 -285.793824
.000000 .000000 .000000
173 .000000 .000000 -144.108208
.000000 .000000 .000000
174 .000000 .000000 -80.038073
.000000 .000000 .000000
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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS,
IN LOCAL COORDINATES

COMB DESIGN ----- MAX
JOINT F1 F2 F3
M1 M2 M3
163 .000000 .000000 786.555781
.000000 .000000 .000000
164 .000000 .000000 1676.491
.000000 .000000 .000000
165 31.128465 .000000 1710.898
.000000 .000000 .000000
166 .000000 .000000 1705.846
.000000 .000000 .000000
167 .000000 .000000 1777.855
.000000 .000000 .000000
168 .000000 .000000 861.658553
.000000 .000000 .000000
169 .000000 .000000 810.388418
.000000 .000000 .000000
170 .000000 .000000 1775.471
.000000 .000000 .000000
171 30.225579 9.268928 1813.012
.000000 .000000 .000000
172 .000000 .000000 1808.147
.000000 .000000 .000000
173 .000000 .000000 1881.685
.000000 .000000 .000000
174 .000000 .000000 880.180044
.000000 .000000 .000000

COMB DESIGN ----- MIN
JOINT F1 F2 F3
M1 M2 M3
163 .000000 .000000 -115.448868
.000000 .000000 .000000
164 .000000 .000000 -149.544051
.000000 .000000 .000000
165 -30.114425 .000000 -233.402267
.000000 .000000 .000000
166 .000000 .000000 -276.349956
.000000 .000000 .000000
167 .000000 .000000 -136.971237
.000000 .000000 .000000
168 .000000 .000000 -94.323553
.000000 .000000 .000000
169 .000000 .000000 -102.693915
.000000 .000000 .000000
170 .000000 .000000 -156.697529
.000000 .000000 .000000
171 -31.243372 -8.509530 -227.890882
.000000 .000000 .000000
172 .000000 .000000 -285.793824
.000000 .000000 .000000
173 .000000 .000000 -144.108208
.000000 .000000 .000000
174 .000000 .000000 -80.038073
.000000 .000000 .000000
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FRAME ELEMENT INTERNAL FORCES

ELEM 1 ----- LENGTH
COMB DB-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.164565 32.782272 0.192514
37.180795 0.987745 0.738988
0.25000 0.164565 32.782272 0.192514
37.180795 9.114025 505.775222
0.50000 0.164565 32.782272 0.192514
37.180795 17.327827 947.147765
0.75000 0.164565 42.206782 0.192514
37.180795 25.542444 1329.302
1.00000 0.164565 58.950760 0.192514

37.180795 33.757066 1657.842
COMB DB-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.345985 -474.225732 -7.230186
-356.652589 -0.491460 -0.073970
0.25000 -0.345985 -444.838674 -7.230186
-356.652589 -0.514565 -37.307040
0.50000 0.345985 -416.81764 -7.230186
-356.652589 -0.561715 -74.553915
0.75000 -0.345985 -389.841234 -7.230186
-356.652589 -0.610398 -111.800785
1.00000 0.345985 -364.69139 -7.230186
-356.652589 -0.660012 -149.047654

COMB DB-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.267877 58.362488 0.669127
119.714957 1.814976 1.014403
0.25000 0.267877 58.362488 0.669127
119.714957 11.18980 759.781257
0.50000 0.267877 58.362488 0.669127
119.714957 26.871452 1440.174
0.75000 0.267877 74.214539 0.669127
119.714957 30.490563 2048.953
1.00000 0.267877 97.950568 0.669127
119.714957 40.316070 2391.236

COMB DB-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.632210 -704.971859 -8.652276
-524.101305 -0.801394 -0.230303
0.25000 -0.632210 -668.642283 -8.652276
-524.101305 -0.996503 -66.376064
0.50000 -0.632210 -633.956908 -8.652276
-524.101305 -1.494998 -124.689004
0.75000 -0.632210 -601.036236 -8.652276
-524.

0.00000 -0.762635 -596.066963 -5.136955
-345.152165 -1.305585 -1.215215
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 P M3 V2 V3
0.25000 -0.762635 -570.775928 -5.136955
-357.150295 -8.643097 -84.256933
0.50000 -0.762635 -546.891935 -5.136955
-388.992126 -11.7654515 -168.556330
0.75000 -0.762635 -524.128118 -5.136955
-417.743856 -26.797374 -252.855727
1.00000 -0.762635 -502.908191 -5.136955
-444.039505 -35.963866 -337.155124

COMB DL-G1-1 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.229891 46.300743 0.193499
46.592760 1.420314 0.807743
0.25000 0.229891 42.005379 0.193499
46.78267 9.003921 42.33815
0.50000 0.229891 59.650326 0.193499
46.758267 16.640629 81.4406972
0.75000 0.229891 73.472626 0.193499
46.758267 24.305861 116.4000
1.00000 0.229891 87.729010 0.193499
46.758267 31.998646 147.6.985

COMB DL-G1-1 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -0.491789 -453.784225 -6.832256
-419.399164 -0.886695 -0.101996
0.25000 -0.491789 -424.231842 -6.832256
-418.21224 -0.229891 42.33815
0.50000 -0.491789 -395.959605 -6.832256
-416.677776 -0.716536 -98.963686
0.75000 -0.491789 -369.185447 -6.832256
-415.234328 -0.229891 73.472626
1.00000 -0.491789 -343.977858 -6.832256
-413.790892 -0.859677 -197.879082

COMB DL-G1-2 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.388211 82.470041 0.753656
144.652345 2.502684 1.054195
0.25000 0.388211 85.115642 0.753656
134.890443 11.263071 659.605928
0.50000 0.388211 101.655904 0.753656
134.890443 20.345055 1271.132
0.75000 0.388211 118.982861 0.753656
134.890443 29.629549 1836.383
1.00000 0.388211 136.922415 0.753656
134.890443 39.004784 2357.018

COMB DL-G1-2 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -0.863468 -691.876678 -8.293416
-574.006502 -0.361608 -0.361610
0.25000 -0.863468 -656.038704 -8.293416
-577.553126 -1.310995 -98.010307
0.50000 -0.863468 -621.754904 -8.293416
-582.090846 -0.863468 -524.128118
0.75000 -0.863468 -589.405760 -8.293416
-586.628567 -2.502002 -663.879501
1.00000 -0.863468 -568.954993 -8.293416
-591.166288 -3.275096 -351.827241

COMB DL-G1-3 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.616150 107.208116 5.255292
386.690985 0.616150 107.208116
0.25000 0.616150 109.740903 5.255292
386.116023 10.834953 704.274415
0.50000 0.616150 124.806698 5.255292
386.116023 19.111692 130.47145
0.75000 0.616150 140.584745 5.255292
386.116023 27.678599 1984.461
1.00000 0.616150 156.866319 5.255292
386.116023 36.333862 2562.925
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -1.181501 -730.757675 -8.293416
-543.726919 -0.942764 -0.942990
0.25000 -1.181501 -698.168126 -8.293416
-547.121564 -6.225802 -134.015723
0.50000 -1.181501 -667.033205 -8.293416
-551.546836 -11.848674 -228.616738
0.75000 -1.181501 -637.584009 -8.293416
-555.972108 -17.598934 -342.942024
1.00000 -1.181501 -609.901042 -8.293416
-560.397380 -23.485966 -457.291730

COMB DL-G2-1 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.344022 38.809200 6.824373
393.649155 1.111304 0.111918
0.25000 0.344022 38.995593 6.824373
393.021426 1.013830 109.604672
0.50000 0.344022 39.211871 6.824373
392.448605 1.209716 219.527891
0.75000 0.344022 39.438218 6.824373
391.936380 1.419445 328.915906
1.00000 0.344022 39.671756 6.824373
391.490472 1.638256 437.791601

COMB DL-G2-1 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 0.540314 75.060293 8.383751
536.526834 2.677851 0.312829
0.25000 0.540314 75.064880 8.383751
536.511562 2.677851 0.312829
0.50000 0.540314 75.070064 8.383751
536.497627 2.571933 590.643678
0.75000 0.540314 75.075492 8.383751
536.485142 2.332330 985.531418
1.00000 0.540314 75.081091 8.383751
536.474272 3.913542 1182.407

COMB DL-G2-2 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -0.886355 -290.393983 -0.662631
-149.821537 -1.615500 -1.237977
0.25000 -0.886355 -290.384462 -0.662631
-149.838298 -0.949287 -39.751246
0.50000 -0.886355 -290.375432 -0.662631
-149.855704 -18.714201 -159.633331
0.75000 -0.886355 -290.366936 -0.662631
-149.873553 -28.167728 -239.513903
1.00000 -0.886355 -290.359025 -0.662631
-149.891611 -37.638361 -319.395526

COMB DL-G2-3 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.648353 104.842929 7.809296
582.725013 3.516416 0.696694
0.25000 0.648353 110.848132 7.809296
555.541856 6.492976 596.314933
0.50000 0.648353 123.132079 7.809296
531.066007 13.247063 1159.489
0.75000 0.648353 136.012020 7.809296
515.871285 18.881923 1690.361
1.00000 0.648353 149.288731 7.809296
515.856800 24.540207 2189.919
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -1.179033 -616.016541 -5.042783
-359.803462 -1.937954 -1.307362
0.25000 -1.179033 -591.211167 -5.042783
-358.422233 -0.617711 -114.71285
0.50000 -1.179033 -567.614668 -5.042783
-418.531269 -17.531777 -228.335633
0.75000 -1.179033 -545.311775 -5.042783
-415.234328 -0.229891 73.472626
1.00000 -1.179033 -524.425926 -5.042783
-481.755911 -35.145196 -456.694986

COMB DB ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.436681 75.982756 8.825161
505.638668 2.322106 1.094403
0.25000 0.436681 75.982756 8.825161
478.852370 11.116980 782.323022
0.50000 0.436681 78.771296 8.825161
471.448967 20.671452 1493.729
0.75000 0.436681 91.092389 8.825161
471.426370 30.490563 1931.075
1.00000 0.436681 112.069819 8.825161
471.409483 40.316070 2724.638

COMB DB ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -0.791890 -721.951566 -8.652276
-524.101305 -3.955851 -1.215215
0.25000 -0.791890 -688.943358 -8.652276
-524.101305 -9.221071 -86.338518
0.50000 -0.791890 -657.513168 -8.652276
-524.101305 -19.121305 -234.559572
0.75000 -0.791890 -627.648993 -8.652276
-524.101305 -29.166034 -258.999025
1.00000 -0.791890 -599.569788 -8.652276
-524.101305 -39.139725 -345.329279

COMB DL ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.648353 107.208116 5.255292
582.725013 3.516416 0.696694
0.25000 0.648353 110.848132 5.255292
555.541856 11.263071 704.274415
0.50000 0.648353 124.806698 5.255292
531.066007 19.111692 130.47145
0.75000 0.648353 140.584745 5.255292
536.485142 27.678599 1984.461
1.00000 0.648353 156.866319 5.255292
536.474272 36.333862 2562.925

COMB DL ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -1.181501 -730.757675 -8.293416
-574.006502 -0.937954 -1.307362
0.25000 -1.181501 -698.168126 -8.293416
-577.553126 -9.349287 -114.315723
0.50000 -1.181501 -667.033205 -8.293416
-582.090846 -18.714201 -228.644738
0.75000 -1.181501 -637.584009 -8.293416
-586.628567 -28.167728 -342.942024
1.00000 -1.181501 -609.901042 -8.293416
-591.166288 -37.638361 -457.291730

COMB CAR ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.648353 107.208116 8.825161
582.725013 3.516416 1.094403
0.25000 0.648353 110.848132 8.825161
555.541856 6.492976 596.314933
0.50000 0.648353 124.806698 8.825161
536.497627 13.247063 1159.489
0.75000 0.648353 140.584745 8.825161
536.485142 18.881923 1690.361
1.00000 0.648353 156.866319 8.825161
536.474272 24.540207 2189.919

COMB CAR ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -1.181501 -730.757675 -8.293416
-574.006502 -0.937954 -1.307362
0.25000 -1.181501 -698.168126 -8.293416
-577.553126 -9.349287 -114.315723
0.50000 -1.181501 -667.033205 -8.293416
-582.090846 -19.123433 -228.644738
0.75000 -1.181501 -637.584009 -8.293416
-586.628567 -29.166034 -342.942024
1.00000 -1.181501 -609.901042 -8.293416
-591.166288 -39.139725 -457.291730

COMB DESIGN ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.648353 107.208116 8.825161
582.725013 3.516416 1.094403
0.25000 0.648353 110.848132 8.825161
555.541856 6.492976 596.314933
0.50000 0.648353 124.806698 8.825161
536.497627 13.247063 1159.489
0.75000 0.648353 140.584745 8.825161
536.485142 18.881923 1690.361
1.00000 0.648353 156.866319 8.825161
536.474272 24.540207 2189.919

COMB DESIGN ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -1.181501 -730.757675 -8.652276
-574.006502 -1.937954 -1.307362
0.25000 -1.181501 -598.168126 -8.652276
-577.553126 -9.349287 -114.315723
0.50000 -1.181501 -667.033205 -8.652276
-582.090846 -19.123433 -228.644738
0.75000 -1.181501 -637.584009 -8.652276
-586.628567 -29.166034 -342.942024
1.00000 -1.181501 -609.901042 -8.652276
-591.166288 -39.139725 -457.291730

ELEM 5.048779 2 ----- LENGTH

COMB DB-G1-1 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.379999 54.646191 0.244226
50.944294 34.68100 1658.972
0.25000 0.379999 82.450359 0.244226
50.944294 42.003675 1968.813
0.50000 0.379999 110.067981 0.244226
50.944294 48.731777 2217.852
0.75000 0.379999 137.346853 0.244226
50.944294 57.557899 2411.401
1.00000 0.379999 167.167527 0.244226
50.944294 65.636869 2553.414

COMB DB-G1-1 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -0.761008 -368.598295 -6.584726
-421.953894 -1.220911 -149.20471
0.25000 -0.761008 -339.931340 -6.584726
-421.953894 -1.209117 -186.526399
0.50000 -0.761008 -312.386433 -6.584726
-421.953894 -1.193915 -233.665057
0.75000 -0.761008 -286.337722 -6.584726
-421.953894 -1.183980 -261.203714
1.00000 -0.761008 -261.979244 -6.584726
-421.953894 -1.207624 -296.542372

COMB DB-G1-2 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.614576 84.272265 0.868565
169.162395 41.363112 2592.492
0.25000 0.614576 84.272265 0.868565
169.162395 50.443932 3051.410
0.50000 0.614576 152.806714 0.868565
169.162395 59.985426 3463.976
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REL DIST T M2 P M3 V2 V3
0.75000 0.614576 186.493324 0.868565
169.162395 69.606175 3827.321
1.00000 0.614576 223.649635 0.868565
169.162395 79.534899 4131.469

COMB DB-G1-3 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -1.389391 -559.614825 -8.097793
-663.416058 -3.113250 -265.503173
0.25000 -1.389391 -523.19325 -8.097793
-663.416058 -1.889847 -324.143558
0.50000 -1.389391 -489.767578 -8.097793
-663.416058 -4.329476 -402.800498
0.75000 -1.389391 -457.581099 -8.097793
-663.416058 -8.947419 -471.457637
1.00000 -1.389391 -427.487264 -8.097793
-673.322835 -5.619146 -540.114777

COMB DB-G1-3 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.950892 100.846596 5.266885
431.890879 38.243473 2724.581
0.25000 0.950892 132.032466 5.266885
431.890879 47.138786 3253.527
0.50000 0.950892 163.037950 5.266885
431.890879 55.659833 3739.648
0.75000 0.950892 193.606396 5.266885
431.890879 64.673006 4180.697
1.00000 0.950892 227.334195 5.266885
431.890879 73.964025 4568.453

COMB DB-G1-3 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -1.743303 -596.521774 -7.575219
-610.998833 -24.212587 -345.411466
0.25000 -1.743303 -564.001921 -7.575219
-610.998833 -29.708660 -438.487418
0.50000 -1.743303 -533.126311 -7.575219
-610.998833 -35.411082 -531.584744
0.75000 -1.743303 -503.919299 -7.575219
-610.998833 -41.279238 -626.695311
1.00000 -1.743303 -476.811111 -7.575219
-622.752317 -47.242843 -717.760587

COMB DB-G2-1 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 0.552607 29.742010 6.533776
390.307287 2.014150 389.694792
0.25000 0.552607 30.125310 6.533776
389.342899 2.142791 517.243884
0.50000 0.552607 30.506702 6.533776
388.22357 2.677755 645.15567
0.75000 0.552607 30.882410 6.533776
387.879565 2.402996 772.77873
1.00000 0.552607 31.311610 6.533776
387.443334 2.534534 899.784329

COMB DB-G2-1 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -0.558910 -104.273710 -0.277030
-42.558948

REL DIST P M2 V2 V3
0.00000 -1.109259 -128.279321 -0.337176
-48.904731 -30.660721 -171.623758
0.25000 -1.109259 -127.897828 -0.337176
-49.623928 -36.500833 -219.649176
0.50000 -1.109259 -127.536926 -0.337176
-50.387132 -46.471304 -267.696226
0.75000 -1.109259 -127.199386 -0.337176
-51.178259 -56.657501 -315.752595
1.00000 -1.109259 -126.888336 -0.337176
-51.986824 -62.869590 -363.845882
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G2-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 1.231102 84.901852 8.318516
647.195047 5.393406 1180.154
0.25000 1.231102 84.901852 8.318516
647.178932 6.296868 1461.907
0.50000 1.231102 84.913721 8.318516
647.164143 7.246139 1763.897
0.75000 1.231102 84.920143 8.318516
647.150853 8.19913 2071.699
1.00000 1.231102 84.926789 8.318516
647.139280 9.206139 2381.809

COMB DL-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -1.970715 -279.035308 -0.954599
-187.735589 -37.475811 -319.184362
0.25000 -1.970715 -279.026199 -0.954599
-187.753080 -47.154750 -411.193939
0.50000 -1.970715 -279.017594 -0.954599
-187.771628 -57.051853 -503.455154
0.75000 -1.970715 -279.009528 -0.954599
-187.790856 -67.194045 -595.693596
1.00000 -1.970715 -279.002106 -0.954599
-187.810513 -77.349412 -687.687696

COMB DL-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 1.479004 140.917638 7.813668
666.221352 26.774428 2189.003
0.25000 1.479004 155.168272 7.813668
641.675131 32.651704 2676.808
0.50000 1.479004 170.336457 7.813668
629.507114 38.728212 3146.462
0.75000 1.479004 186.215566 7.813668
629.485227 44.835376 3585.532
1.00000 1.479004 202.610061 7.813668
629.475009 51.048819 3991.997

COMB DL-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -2.612659 -520.788401 -5.136634
-441.379136 -35.124879 -456.471674
0.25000 -2.612659 -497.675380 -5.136634
-473.161753 -44.206636 -558.831940
0.50000 -2.612659 -475.583913 -5.136634
-50.848991 -53.595327 -631.911212
0.75000 -2.612659 -455.511057 -5.136634
-541.063576 -63.030110 -823.543668
1.00000 -2.612659 -436.089853 -5.136634
-573.666638 -72.571758 -945.874189

COMB DB ----- MAX

REL DIST P M2 V2 V3
0.00000 0.999311 100.846596 8.238942
571.000380 0.999311 132.053451 8.238942
0.25000 0.999311 132.053451 8.238942
570.964609 50.443932 3653.527
0.50000 0.999311 163.037950 8.238942
570.934175 50.941126 3737.648
0.75000 0.999311 193.063696 8.238942
570.910118 69.606165 4180.697
1.00000 0.999311 227.334195 8.238942
570.893696 79.534899 4568.453

COMB DB ----- MIN

REL DIST P M2 V2 V3
0.00000 -1.743303 -596.521774 -8.097793
-663.418058 -38.276951 -345.411466
0.25000 -1.743303 -596.521774 -8.097793
-663.418058 -47.227817 -438.487418
0.50000 -1.743303 -533.126311 -8.097793
-663.418058 -56.620215 -531.578474
0.75000 -1.743303 -476.611372 -8.097793
-663.418058 -66.335731 -624.669531
1.00000 -1.743303 -476.611372 -8.097793
-637.322833 -76.118648 -717.760587
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L FORCES

COMB DL ----- MAX

REL DIST P M2 V2 V3
0.00000 1.479004 151.389708 8.318516
666.221352 40.869627 2563.236
0.25000 1.479004 169.487247 8.318516
647.178932 50.370026 3096.834
0.50000 1.479004 188.705422 8.318516
647.164143 60.315866 3600.959
0.75000 1.479004 208.790009 8.318516
647.150853 70.364208 4064.550
1.00000 1.479004 229.528722 8.318516
647.139280 80.433989 4485.484

COMB DL ----- MIN

REL DIST P M2 V2 V3
0.00000 -2.612659 -581.380927 -8.225824
-672.240766 -37.475811 -457.340931
0.25000 -2.612659 -551.550137 -8.225824
-677.281764 -47.154750 -579.459407
0.50000 -2.612659 -523.181608 -8.225824
-682.322726 -57.051853 -702.542779
0.75000 -2.612659 -496.488025 -8.225824
-687.363688 -67.194045 -825.565323
1.00000 -2.612659 -471.685004 -8.225824
-692.404649 -77.349412 -948.757591

COMB CAR ----- MAX

REL DIST P M2 V2 V3
0.00000 1.479004 151.389708 8.318516
666.221352 41.363112 2724.581
0.25000 1.479004 169.487247 8.318516
647.178932 50.370026 3096.834
0.50000 1.479004 188.705422 8.318516
647.164143 60.315866 3739.648
0.75000 1.479004 208.790009 8.318516
647.150853 70.364208 4180.697
1.00000 1.479004 229.528722 8.318516
647.139280 80.433989 4568.453

COMB CAR ----- MIN

REL DIST P M2 V2 V3
0.00000 -2.612659 -596.521774 -8.225824
-672.240766 -38.276951 -457.340931
0.25000 -2.612659 -564.001921 -8.225824
-677.281764 -47.227817 -579.459407
0.50000 -2.612659 -533.126311 -8.225824
-682.322726 -57.051853 -702.542779
0.75000 -2.612659 -503.919299 -8.225824
-687.363688 -67.194045 -825.565323
1.00000 -2.612659 -476.611372 -8.225824
-692.404649 -77.349412 -948.757591

COMB DESIGN ----- MAX

REL DIST P M2 V2 V3
0.00000 1.479004 151.389708 8.318516
666.221352 41.363112 2724.581
0.25000 1.479004 169.487247 8.318516
647.178932 50.370026 3253.527
0.50000 1.479004 188.705422 8.318516
647.164143 60.315866 3739.648
0.75000 1.479004 208.790009 8.318516
647.150853 70.364208 4180.697
1.00000 1.479004 229.528722 8.318516
647.139280 80.433989 4568.453

COMB DESIGN ----- MIN

REL DIST P M2 V2 V3
0.00000 -2.612659 -596.521774 -8.225824
-672.240766 -38.276951 -457.340931
0.25000 -2.612659 -564.001921 -8.225824
-677.281764 -47.227817 -579.459407
0.50000 -2.612659 -533.126311 -8.225824
-682.322726 -57.051853 -702.542779
0.75000 -2.612659 -503.919299 -8.225824
-687.363688 -67.194045 -825.565323
1.00000 -2.612659 -476.611372 -8.225824
-692.404649 -77.349412 -948.757591
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FRAME ELEMENT INTERNA
L FORCES

ELEM 3 ----- LENGTH

COMB DB-G1-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.590938 130.159525 1.304531
52.234719 66.209171 265.6179
0.25000 0.590938 155.560593 1.304531
52.234719 67.932583 271.7159
0.50000 0.590938 181.36645 1.304531
52.234719 70.268002 283.9259
0.75000 0.590938 207.338078 1.304531
52.234719 73.182155 2905.247
1.00000 0.590938 233.063062 1.304531
52.234719 76.655471 2938.417

COMB DB-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -1.065390 -304.007613 -4.431673
-336.692093 -1.065390 -279.879121 -4.431673
-336.692093 -1.666071 -335.100086
0.50000 -1.065390 -254.671827 -4.431673
-336.692093 -1.605055 -317.453201
0.75000 -1.065390 -231.489988 -4.431673
-336.692093 -1.555577 -307.806634
1.00000 -1.065390 -209.687445 -4.431673
-336.692093 -1.636056 -444.160184

COMB DB-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.942476 189.235879 2.121592
190.380489 80.222311 4132.994
0.25000 0.942476 246.836686 2.121592
190.380489 82.865421 4355.155
0.50000 0.942476 252.660479 2.121592
190.380489 86.435084 4555.300
0.75000 0.942476 284.636686 2.121592
190.380489 90.652495 4724.968
1.00000 0.942476 317.166845 2.121592
190.377695 95.448358 4857.935

COMB DB-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -1.966469 -460.343321 -5.743348
-555.911617 -6.169636 -540.384841
0.25000 -1.966469 -426.831805 -5.743348
-555.911617 -6.641368 -601.736707
0.50000 -1.966469 -398.617391 -5.743348
-555.911617 -7.136918 -675.208699
0.75000 -1.966469 -369.776842 -5.743348
-556.831526 -7.656204 -748.093139
1.00000 -1.966469 -342.633407 -5.743348
-577.406316 -8.484484 -810.034670

COMB DB-G1-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 1.453548 195.055744 4.997499
398.241717 74.580411 4568.696
0.25000 1.453548 223.801674 4.997499
398.241717 77.265044 4845.914
0.50000 1.453548 252.616451 4.997499
398.241717 80.790374 5105.547
0.75000 1.453548 281.815490 4.997499
398.241717 84.914009 5339.844
1.00000 1.453548 311.12076 4.997499
398.241717 89.560948 5541.083

COMB DB-G1-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -2.463435 -484.948320 -5.905349
-523.480970 -47.249671 -717.891841
0.25000 -2.463435 -456.332931 -5.905349
-523.480970 -48.495121 -810.237033
0.50000 -2.463435 -428.909311 -5.905349
-523.480970 -50.339960 -902.591997
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 V2 V3
0.00000 0.841955 31.040025 4.529453
302.880261 28.0327 98.031813
0.25000 0.841955 31.394044 4.529453
301.929004 37.37945 987.134694
0.50000 0.841955 31.754408 4.529453
301.150670 47.14714 1077.959

COMB DB-G2-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 2.131619 209.776319 4.708338
430.002393 76.504495 4485.934
0.25000 2.131619 228.820300 4.708338
430.002393 80.815811 4810.536
0.50000 2.131619 249.069512 4.708338
430.002393 85.488039 5108.878
0.75000 2.131619 270.317163 4.708338
430.002393 90.466838 5376.661
1.00000 2.131619 292.120402 4.708338
430.002527 95.740175 5607.054
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COMB DB-G2-1 ----- MIN

0.75000 0.841955 32.117416 4.529453
300.402430 3.574324 1169.256
0.25000 0.841955 32.065551 4.529453
299.689188 3.680351 1262.137

COMB DB-G2-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.790839 -80.924571 -1.406331
-47.81771 -60.43062 272.51262
0.25000 -0.790839 -80.543317 -1.406331
-48.130883 -62.409548 -310.291060
0.50000 -0.790839 -80.197179 -1.406331
-48.912177 -64.083481 -352.03945
0.75000 -0.790839 -79.865678 -1.406331
-49.721050 -67.336422 -385.879530
1.00000 -0.790839 -79.552614 -1.406331
-50.677997 -70.831333 -423.688573

COMB DB-G2-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 1.274306 70.293833 5.845618
490.209877 1.2727102 187.971059
0.25000 1.274306 70.306349 5.845618
490.174337 0.604424 2366.075
0.50000 1.274306 70.320299 5.845618
490.150862 0.506266 2534.908
0.75000 1.274306 70.333747 5.845618
490.117702 0.663088 2731.128
1.00000 1.274306 70.348129 5.845618
490.091572 1.0466236 2941.997

COMB DB-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -1.659047 -187.985726 -2.151538
-234.044208 -75.395296 -518.606116
0.25000 -1.659047 -187.971059 -2.151538
-234.072000 -86.668376 -588.766128
0.50000 -1.659047 -187.958775 -2.151538
-234.100984 -80.628268 -658.954058
0.75000 -1.659047 -187.945481 -2.151538
-234.130889 -84.469170 -729.154495
1.00000 -1.659047 -187.934895 -2.151538
-234.166492 -89.179389 -799.360011

COMB DB-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 1.523880 164.102127 6.287507
509.863935 49.728664 3993.457
0.25000 1.523880 186.092577 6.287507
488.398025 51.495124 4254.4489
0.50000 1.523880 208.456692 6.287507
483.816184 53.766673 4507.186
0.75000 1.523880 230.974885 6.287507
483.816184 56.504171 4744.967
1.00000 1.523880 254.217160 6.287507
483.816184 59.503685 4959.517

COMB DB-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -2.380020 -421.399927 -4.876466
-394.783713 -69.522579 -710.440254
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L FORCES

REL DIST P M2 V2 V3
0.00000 -2.380020 -398.668242 -4.876466
-250.2016 -2.380020 -333.628057
0.50000 -2.380020 -377.38335 -4.876466
-457.857173 -74.494022 -896.841016
0.75000 -2.380020 -357.038529 -4.876466
-495.396685 -79.994337 -1055.5130
1.00000 -2.380020 -337.661932 -4.876466
-537.979946 -82.449577 -1083.294

COMB DL-G1-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.808788 123.388939 1.115320
65.201129 60.80788 2396.432
0.25000 0.808788 140.446464 1.115320
65.201129 68.508010 2565.891
0.50000 0.808788 158.48816 1.115320
65.201129 71.902634 2697.196
0.75000 0.808788 177.522294 1.115320
65.201129 75.603854 2790.618
1.00000 0.808788 196.968912 1.115320
65.201129 79.556578 2847.204

COMB DL-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -1.542787 -264.209406 -4.151402
-36.604079 -1.542787 -241.651287 -4.151402
-366.000212 -2.062019 -446.348955
0.50000 -1.542787 -220.058136 -4.151402
-366.000212 -2.081339 -494.88643
0.75000 -1.542787 -199.608014 -4.151402
-362.792479 -2.129337 -543.613784
1.00000 -1.542787 -180.5013

REL DIST P M2 V2 V3
0.00000 -3.771873 -453.610976 -5.782107
-545.082431 -77.288860 -948.943628
0.25000 -3.771873 -428.343393
-550.124455 -81.549314 -1071.889
0.50000 -3.771873 -404.184447 -5.782107
-555.166479 -86.230641 -1194.154
0.75000 -3.771873 -381.322517 -5.782107
-560.208503 -91.323166 -1316.551
1.00000 -3.771873 -359.991603 -5.782107
-573.512189 -96.880620 -1438.817

COMB CAR P M2 M3 V3
0.00000 2.238947 209.776319 6.287507
580.176777 81.493981 4568.696
0.25000 2.238947 228.820300 6.287507
557.625045 86.023725 4845.914
0.50000 2.238947 252.660479 6.287507
536.373665 90.929524 5108.878
0.75000 2.238947 284.836867 6.287507
531.993736 96.164013 5376.661
1.00000 2.238947 317.166945 6.287507
531.981402 101.712510 5607.054
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB CAR P M2 M3 V3
REL DIST T M2 M3
0.00000 -3.771873 -484.948320 -5.905349
-555.911617 -77.288860 -948.943628
0.25000 -3.771873 -456.332931 -5.905349
-555.911617 -81.549314 -1071.889
0.50000 -3.771873 -428.909035 -5.905349
-555.911617 -86.230641 -1194.154
0.75000 -3.771873 -402.731229 -5.905349
-560.208503 -91.323166 -1316.551
1.00000 -3.771873 -378.093811 -5.905349
-577.406316 -96.880620 -1438.817

COMB DESIGN P M2 M3 V3
REL DIST T M2 M3
0.00000 2.238947 209.776319 6.287507
580.176777 81.493981 4568.696
0.25000 2.238947 228.820300 6.287507
557.625045 86.023725 4845.914
0.50000 2.238947 252.660479 6.287507
536.373665 90.929524 5108.878
0.75000 2.238947 284.836867 6.287507
531.993736 96.164013 5376.661
1.00000 2.238947 317.166945 6.287507
531.981402 101.712510 5607.054

COMB DESIGN P M2 M3 V3
REL DIST T M2 M3
0.00000 -3.771873 -484.948320 -5.905349
-555.911617 -77.288860 -948.943628
0.25000 -3.771873 -456.332931 -5.905349
-555.911617 -81.549314 -1071.889
0.50000 -3.771873 -428.909035 -5.905349
-555.911617 -86.230641 -1194.154
0.75000 -3.771873 -402.731229 -5.905349
-560.208503 -91.323166 -1316.551
1.00000 -3.771873 -378.093811 -5.905349
-577.406316 -96.880620 -1438.817

ELEM 4 ===== LENGTH
= 5.048937

COMB DB-G1-1 P M2 M3 V3
REL DIST T M2 M3
0.00000 0.809450 177.514088 4.211028
78.507211 77.029371 2939.202
0.25000 0.809450 200.165501 4.211028
78.507211 74.836616 3004.844
0.50000 0.809450 223.532029 4.211028
78.507211 73.625162 3030.753
0.75000 0.809450 247.330172 4.211028
78.507211 73.460797 3018.870
1.00000 0.809450 271.143450 4.211028
78.507211 74.382658 2972.331

COMB DB-G1-1 P M2 M3 V3
REL DIST T M2 M3
0.00000 -1.233792 -266.159574 -3.578557
-206.800815 -2.089526 -444.366444
0.25000 -1.233792 -242.757430 -3.578557
-206.800815 -2.089526 -444.366444
0.50000 -1.233792 -219.905141 -3.578557
-206.800815 -1.896856 -518.814087
0.75000 -1.233792 -198.044032 -3.578557
-206.800815 -1.896856 -518.814087
1.00000 -1.233792 -177.446430 -3.578557
-206.800815 -2.122266 -593.261731

COMB DB-G1-2 P M2 M3 V3
REL DIST T M2 M3
0.00000 1.264859 269.104444 5.423214
211.772949 95.800318 4858.705
0.25000 1.264859 297.301022 5.423214
196.230107 94.153184 4922.493
0.50000 1.264859 326.381000 5.423214
196.230107 93.571997 4959.752
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.00000 1.264859 269.104444 5.423214
211.772949 95.800318 4858.705
0.25000 1.264859 297.301022 5.423214
196.230107 94.153184 4922.493
0.50000 1.264859 326.381000 5.423214
196.230107 93.571997 4959.752
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

COMB DB-G1-2 P M2 M3 V3
REL DIST T M2 M3
0.00000 -1.864544 -223.769179 -3.158761
-199.046340 -2.612430 -592.445328
0.25000 -1.864544 -204.447529 -3.158761
-197.664147 -2.683716 -641.931437
0.50000 -1.864544 -183.905366 -3.158761
-196.060568 -2.782503 -691.645156
0.75000 -1.864544 -165.360928 -3.158761
-194.456989 -2.933465 -741.344487
1.00000 -1.864544 -148.054428 -3.158761
-192.853411 -3.195292 -791.546232
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 P M2 M3 V3
REL DIST T M2 M3
0.00000 -1.864544 -223.769179 -3.158761
-199.046340 -2.612430 -592.445328
0.25000 -1.864544 -204.447529 -3.158761
-197.664147 -2.683716 -641.931437
0.50000 -1.864544 -183.905366 -3.158761
-196.060568 -2.782503 -691.645156
0.75000 -1.864544 -165.360928 -3.158761
-194.456989 -2.933465 -741.344487
1.00000 -1.864544 -148.054428 -3.158761
-192.853411 -3.195292 -791.546232
Program SAP2000 Nonlinear Version 7.42
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0.75000 1.941339 344.111282 7.487288
323.856213 89.410645 5724.415
1.00000 1.941339 371.429129 7.487288
323.856213 91.605590 5749.291

COMB DB-G1-3 P M2 M3 V3
REL DIST T M2 M3
0.00000 -2.881695 -396.068214 -7.075737
-419.976527 -55.737224 -1087.480
0.25000 -2.881695 -369.177397 -7.075737
-419.976527 -54.442367 -1180.117
0.50000 -2.881695 -340.300334 -7.075737
-419.976527 -53.740808 -1272.755
0.75000 -2.881695 -318.518310 -7.075737
-422.233692 -54.305931 -1365.393
1.00000 -2.881695 -295.155235 -7.075737
-440.748656 -55.628858 -1458.033

COMB DB-G2-1 P M2 M3 V3
REL DIST T M2 M3
0.00000 1.118758 30.912887 3.835090
177.018559 4.411295 1261.182
0.25000 1.118758 31.231929 3.835090
176.050660 4.461759 1291.961
0.50000 1.118758 31.573077 3.835090
175.759601 4.524290 1322.337
0.75000 1.118758 31.914421 3.835090
174.433548 4.596641 1359.307
1.00000 1.118758 32.283966 3.835090
173.689721 4.677541 1395.439

COMB DB-G2-1 P M2 M3 V3
REL DIST T M2 M3
0.00000 -1.028645 -46.899188 -4.165642
-46.643511 -70.534466 -423.484934
0.25000 1.028645 -46.533483 -4.165642
-47.366342 -68.491822 -461.51447
0.50000 -1.028645 -46.201758 -4.165642
-48.137462 -67.501473 -49.345599
0.75000 -1.028645 -45.367275 -4.165642
-48.948699 -67.639300 -534.276472
1.00000 -1.028645 -45.581041 -4.165642
-49.910168 -68.924781 -571.206894

COMB DB-G2-2 P M2 M3 V3
REL DIST T M2 M3
0.00000 1.676601 90.840738 4.995370
356.684442 11.893133 2940.886
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.25000 1.676601 90.852781 4.995370
356.622529 21.954771 2983.422
0.50000 1.676601 90.865198 4.995370
356.591845 22.736357 3002.004
0.75000 1.676601 90.877844 4.995370
356.562511 23.494691 3021.156
1.00000 1.676601 90.891538 4.995370
356.534930 24.267488 3174.872

COMB DB-G2-2 P M2 M3 V3
REL DIST T M2 M3
0.00000 -1.959769 -124.429396 -5.484924
-244.980160 -88.641530 -799.175717
0.25000 -1.959769 -124.415847 -5.484924
-245.006982 -88.633298 -808.23472
0.50000 -1.959769 -124.403554 -5.484924
-245.035593 -85.552406 -937.471226
0.75000 -1.959769 -124.391741 -5.484924
-245.065891 -85.196744 -1063.2119
1.00000 -1.959769 -124.380568 -5.484924
-245.101365 -88.211967 -1075.767

COMB DB-G2-3 P M2 M3 V3
REL DIST T M2 M3
0.00000 2.027127 220.896727 7.428581
463.494778 60.511552 4958.905
0.25000 2.027127 240.812297 7.428581
423.853677 59.733500 5035.196
0.50000 2.027127 260.726365 7.428581
388.605238 59.577617 5099.702
0.75000 2.027127 282.275590 7.428581
365.025165 60.421584 5158.544
1.00000 2.027127 304.122938 7.428581
363.136036 61.924230 5206.323

COMB DB-G2-3 P M2 M3 V3
REL DIST T M2 M3
0.00000 -1.959769 -124.380568 -5.484924
-245.101365 -88.211967 -1075.767

COMB DL-G1-1 P M2 M3 V3
REL DIST T M2 M3
0.00000 1.088153 158.923268 3.531776
97.344682 80.055266 2945.200
0.25000 1.088153 176.229232 3.531776
97.566039 79.026781 2934.111
0.50000 1.088153 195.656379 3.531776
97.566039 78.490250 2983.832
0.75000 1.088153 215.308467 3.531776
97.566039 78.584635 2997.546
1.00000 1.088153 235.583290 3.531776
97.566039 79.216441 2976.031

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 P M2 M3 V3
REL DIST T M2 M3
0.00000 -1.864544 -223.769179 -3.158761
-199.046340 -2.612430 -592.445328
0.25000 -1.864544 -204.447529 -3.158761
-197.664147 -2.683716 -641.931437
0.50000 -1.864544 -183.905366 -3.158761
-196.060568 -2.782503 -691.645156
0.75000 -1.864544 -165.360928 -3.158761
-194.456989 -2.933465 -741.344487
1.00000 -1.864544 -148.054428 -3.158761
-192.853411 -3.195292 -791.546232
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236.795463 102.206466 4868.856
0.50000 1.755070 300.889358
228.858502 -2.213133 4047.474
0.75000 1.755070 324.875577 4.791651
236.088502 103.785626 5001.225
1.00000 1.755070 348.864975 4.791651
236.089881 105.479971 5021.005

COMB DL-G1-2 P M2 M3 V3
REL DIST T M2 M3
0.00000 -3.241552 -338.647357 -4.481559
-347.653727 -12.269623 1074.673
0.25000 -3.241552 -313.36265 4.481559
-350.286622 -13.232295 -1165.079
0.50000 -3.241552 -289.245754 4.481559
-354.622521 -14.166879 -1265.934
0.75000 -3.241552 -266.393555 4.481559
-359.663640 -15.278048 -1346.705
1.00000 -3.241552 -245.076175 4.481559
-372.636626 -16.472221 -1438.076

COMB DL-G1-3 P M2 M3 V3
REL DIST T M2 M3
0.00000 2.810761 267.543638 6.591325
362.358534 96.540631 5607.427
0.25000 2.810761 287.429339 6.591325
347.821185 96.540631 5749.050
0.50000 2.810761 308.594398 6.591325
346.408658 97.397499 5861.579
0.75000 2.810761 330.604169 6.591325
346.408658 97.622000 5951.897
1.00000 2.810761 353.346524 6.591325
346.410245 100.481216 6010.906

COMB DL-G1-3 P M2 M3 V3
REL DIST T M2 M3
0.00000 -4.562061 -351.724753 -6.372548
-383.384090 -61.428860 -1439.035
0.25000 -4.562061 -328.875011 -6.372548
-385.914590 -61.769850 -1501.287
0.50000 -4.562061 -306.925127 -6.372548
-390.018258 -62.374153 -1683.933
0.75000 -4.562061 -286.127638 -6.372548
-400.810369 -63.822211 -1806.507
1.00000 -4.562061 -266.728344 -6.372548
-409.636676 -64.792928 -1929.626

COMB DL-G2-1 P M2 M3 V3
REL DIST T M2 M3
0.00000 1.573750 44.549427 3.480824
168.051819 6.174456 1448.977
0.25000 1.573750 44.808168 3.480824
167.370230 6.433219 1498.855
0.50000 1.573750 45.088927 3.480824
166.719834 6.680441 1548.354
0.75000 1.573750 45.376511 3.480824
166.112301 6.945210 1598.506
1.00000 1.573750 45.678930 3.480824
165.559090 7.234327 1648.831

COMB DL-G2-1 P M2 M3 V3
REL DIST T M2 M3
0.00000 -2.070147 -53.989787 -3.535332
-63.653292 -79.017545 -360.092244
0.25000 -2.070147 -53.682631 -3.535332
-64.258812 -77.455468 -608.792949
0.50000 -2.070147 -53.389154 -3.535332
-64.818242 -77.124008 -657.832143
0.75000 -2.070147 -53.112402 -3.535332
-65.623612 -77.891750 -706.645311
1.00000 -2.070147 -52.855899 -3.535332
-66.360453 -79.106445 -755.495667
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 P M2 M3 V3
REL DIST T M2 M3
0.00000 2.429562 119.360133 4.628448
354.421293 15.561705 3214.913
0.25000 2.429562 119.366535 4.628448
354.404689 16.521897 3282.676
0.50000 2.429562 119.373717 4.628448
354.388690 17.473061 3362.047
0.75000 2.429562 119.380120 4.628448
354.373815 18.433647 3461.836
1.00000 2.429562 119.387159 4.628448
354.360254 19.407155 3520.520

COMB DL-G2-2 P M2 M3 V3
REL DIST T M2 M3
0.00000 -3.532113 -132.702982 -4.822083
-242.686880 -99.189701 -1029.050
0.25000 -3.532113 -132.695635 -4.822083
-242.603475 -96.813242 -1150.474
0.50000 -3.532113 -132.688616 -4.822083
-242.519608 -97.119519 -1242.880
0.75000 -3.532113 -132.681998 -4.822083
-242.636808 -98.173004 -1333.563
1.00000 -3.532113 -132.675866 -4.822083
-242.654801 -99.875601 -1425.072

COMB DL-G2-3 P M2 M3 V3
REL DIST T M2 M3
0.00000 2.945402 232.168994 6.628247
465.624012 67.233288 5110.887
0.25000 2.945402 247.698949 6.628247
440.209003 67.674511 5246.733
0.50000 2.945402 264.284458 6.628247
415.806874 68.116642 5361.246
0.75000 2.945402 281.583261 6.628247
393.258735 69.468769 5462.853
1.00000 2.945402 299.511742 6.628247
373.228100 70.765368 5541.485

COMB DL-G2-3 P M2 M3 V3
REL DIST T M2 M3
0.00000 -4.608869 -396.068214 -7.392901
-419.976527 -97.102870 -1439.035
0.25000 -4.608869 -369.177397 -7.392901
-419.976527 -96.813242 -1561.287
0.50000 -4.608869 -343.300334 -7.392901
-419.976527 -97.119519 -1683.933
0.75000 -4.608869 -318.518310 -7.392901
-422.233692 -98.173004 -1806.507
1.00000 -4.608869 -295.155235 -7.392901
-457.286953 -99.875601 -1929.626
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351.030371 91.153230 4644.380

COMB DB-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.349664 -335.621593 -4.131194
-240.748170 -11.349713 -1084.106
0.25000 -2.349664 -306.977535 -4.131194
-240.748170 -11.900641 -1155.829
0.50000 -2.349664 -279.411295 -4.131194
-240.748170 -12.634069 -1227.553
0.75000 -2.349664 -253.045478 -4.131194
-240.748170 -13.770464 -1299.278
1.00000 -2.349664 -228.191493 -4.131194
-252.446355 -14.966694 -1371.004

COMB DB-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 2.406510 343.880578 8.512464
-374.975556 -55.93717 -1458.166
0.25000 2.406510 308.330714 8.512464
393.860069 88.914068 5669.760
0.50000 2.406510 393.681704 8.512464
387.708358 87.708358 5678.916
0.75000 2.406510 419.598319 8.512464
387.708358 87.853558 5479.296
1.00000 2.406510 445.983655 8.512464
387.708358 89.266976 5361.385

COMB DB-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.976313 -319.944510 -7.323219
-374.975556 -55.93717 -1458.166
0.25000 -2.976313 -293.926532 -7.323219
-374.975556 -55.663410 -1551.763
0.50000 -2.976313 -268.905955 -7.323219
-374.975556 -55.98197 -1645.364
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 V2 V3
0.75000 -2.976313 -244.966309 -7.323219
-374.975556 -52.976059 -1738.964
1.00000 -2.976313 -222.435416 -7.323219
-388.220472 -54.136918 -1832.592

COMB DB-G2-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 1.376689 43.275502 3.266429
63.036959 5.366267 1395.440
0.25000 1.376689 43.684979 3.266429
62.049272 5.400526 1365.888
0.50000 1.376689 43.913500 3.266429
61.204240 5.421993 1338.286
0.75000 1.376689 44.244689 3.266429
60.395523 5.460605 1314.004
1.00000 1.376689 44.605045 3.266429
59.631808 5.514115 1293.162

COMB DB-G2-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -1.281574 -18.460951 -5.396530
-170.459116 -68.858884 -571.031204
0.25000 -1.281574 -16.194778 -5.396530
-171.204898 -65.284413 -604.933193
0.50000 -1.281574 -17.782529 -5.396530
-172.001355 -63.713055 -638.867860
0.75000 -1.281574 -17.473133 -5.396530
-172.838977 -63.028094 -672.804110
1.00000 -1.281574 -17.180605 -5.396530
-173.823476 -63.703048 -706.740361

COMB DB-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 2.035114 133.443696 4.295583
230.663687 14.961102 3174.963
0.25000 2.035114 133.455311 4.295583
230.627041 14.907518 3075.702
0.50000 2.035114 133.467334 4.295583
230.595991 16.401629 2999.886
0.75000 2.035114 133.479616 4.295583
230.565886 17.125061 2960.346
1.00000 2.035114 133.492958 4.295583
230.537348 17.851161 2944.666

COMB DB-G2-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.290269 -69.720041 -6.972204
-388.760406 -87.949456 -1075.630
0.25000 -2.290269 -69.706842 -6.972204
-388.780808 -84.475310 -1144.163
0.50000 -2.290269 -69.694903 -6.972204
-388.817631 -82.442325 -1206.725
0.75000 -2.290269 -69.683439 -6.972204
-388.848707 -82.123998 -1272.287
1.00000 -2.290269 -69.672621 -6.972204
-388.885235 -83.273111 -1337.858

COMB DB-G2-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 2.498609 288.842333 7.705824
435.621587 62.638890 5206.387
0.25000 2.498609 307.946076 7.705824
392.486765 60.964370 5121.950
0.50000 2.498609 327.739917 7.705824
354.539560 60.030772 5034.288
0.75000 2.498609 347.966317 7.705824
322.865880 60.215659 4947.304
1.00000 2.498609 369.154515 7.705824
293.282565 61.138913 4850.284

COMB DB-G2-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -3.104800 -258.033969 -8.362145
-377.462380 -57.901593 -1454.701
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 V2 V3
0.25000 -3.104800 -237.116246 -8.362145
-398.033315 -78.844939 -1546.251
0.50000 -3.104800 -217.593075 -8.362145
-423.401872 -77.230021 -1637.828
0.75000 -3.104800 -198.759160 -8.362145
-453.959670 -77.314496 -1729.404
1.00000 -3.104800 -181.059287 -8.362145
-499.968855 -78.712509 -1820.989

COMB DL-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 1.366149 195.302285 5.526003
210.757957 19.360747 2976.078
0.25000 1.366149 214.020539 5.526003

212.361672 75.777811 2988.791 5.526003
0.50000 1.366149 233.729089 5.526003
213.965388 72.927552 2972.332
0.75000 1.366149 254.294532 5.526003
215.569103 70.762412 2910.239
1.00000 1.366149 275.425799 5.526003
217.100218 69.168844 2819.498

COMB DL-G1-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.036174 -191.336397 -2.478934
-73.946889 -3.440477 -791.761412
0.25000 -2.036174 -171.511412 -2.478934
-73.946889 -4.118498 -845.256866
0.50000 -2.036174 -154.426858 -2.478934
-73.946889 -4.136791 -898.558715
0.75000 -2.036174 -137.912246 -2.478934
-73.946889 -6.211089 -951.870518
1.00000 -2.036174 -121.407450 -2.478934
-73.874144 -7.286095 -1005.586

COMB DL-G1-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 2.171275 320.996038 7.068149
393.273917 105.506306 5021.151
0.25000 2.171275 343.955819 7.068149
370.087774 102.357500 5000.750
0.50000 2.171275 368.174521 7.068149
374.064225 100.163476 4949.554
0.75000 2.171275 393.475433 7.068149
369.573098 98.753014 4874.138
1.00000 2.171275 419.509313 7.068149
366.834555 97.951909 4768.865

COMB DL-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -3.483359 -280.342608 -3.722022
-218.512707 -16.602741 -1438.447
0.25000 -3.483359 -257.038739 -3.722022
-218.502574 -17.924319 -1532.188
0.50000 -3.483359 -234.677474 -3.722022
-218.502574 -19.698331 -1628.306
0.75000 -3.483359 -213.538663 -3.722022
-218.502574 -21.675340 -1735.129
1.00000 -3.483359 -193.922147 -3.722022
-223.895023 -23.680304 -1818.445

COMB DL-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 3.423478 349.296515 8.213022
415.156699 100.781314 6011.016
0.25000 3.423478 370.188641 8.213022
399.170617 98.301217 5977.225
0.50000 3.423478 392.226515 8.213022
394.254002 100.163476 5916.487
0.75000 3.423478 415.247167 8.213022
390.016684 98.753014 5834.547
1.00000 3.423478 438.939319 8.213022
387.404644 97.951909 5726.870
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -4.988407 -274.129056 -6.934266
-344.318821 -65.197989 -1929.841
0.25000 -4.988407 -252.916013 -6.934266
-344.343344 -64.129780 -2043.447
0.50000 -4.988407 -232.562315 -6.934266
-344.343344 -63.804799 -2177.121
0.75000 -4.988407 -213.323254 -6.934266
-344.343344 -62.410318 -2300.688
1.00000 -4.988407 -195.469247 -6.934266
-352.329339 -64.753364 -2424.630

COMB DL-G2-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 1.915127 66.125264 2.793066
50.734975 7.894923 1648.723
0.25000 1.915127 66.397138 2.793066
50.003905 8.148066 1635.034
0.50000 1.915127 66.659294 2.793066
49.304701 8.456747 1620.801
0.75000 1.915127 66.988976 2.793066
48.649251 8.840652 1607.838
1.00000 1.915127 67.303071 2.793066
48.049194 9.337696 1594.576

COMB DL-G2-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.422265 -23.669705 -5.360895
-181.035310 -72.941586 -75.252488
0.25000 -2.422265 -23.380229 -5.360895
-181.607008 -75.970475 -800.280494
0.50000 -2.422265 -23.107428 -5.360895
-181.607008 -75.970475 -800.280494
0.75000 -2.422265 -22.849194 -5.360895
-182.907565 -71.209857 -891.177686
1.00000 -2.422265 -22.611468 -5.360895
-183.613202 -70.003070 -936.311708

COMB DL-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 2.918616 170.797090 3.899289
224.547490 20.338464 3570.524
0.25000 2.918616 170.803585 3.899289
224.524400 21.254240 3513.390
0.50000 2.918616 170.810408 3.899289
224.512580 22.246396 3467.827
0.75000 2.918616 170.817730 3.899289
224.496580 23.367797 3442.756
1.00000 2.918616 170.825247 3.899289
224.481925 24.675183 3430.423

COMB DL-G2-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -3.996485 -76.256910 -6.999551
-381.640337 -100.464363 -1424.912
0.25000 -3.996485 -76.256910 -6.999551
-381.654352 -96.968642 -1511.825
0.50000 -3.996485 -76.243457 -6.999551
-381.669728 -94.212686 -1598.877
0.75000 -3.996485 -76.231187 -6.999551
-381.686194 -92.393525 -1700.688
1.00000 -3.996485 -76.231596 -6.999551
-381.703467 -91.421404 -1772.710

COMB DL-G2-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 3.572155 307.210951 7.213627
421.290557 117.689960 5541.546
0.25000 3.572155 323.548640 7.213627
400.000000 104.464363 5192.841
0.50000 3.572155 340.801472 7.213627
363.936472 69.499195 5450.594
0.75000 3.572155 358.878517 7.213627
337.687811 69.091700 5382.048
1.00000 3.572155 377.535877 7.213627
314.010766 69.198395 5297.157
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -5.139711 -226.881284 -8.063464
-389.688567 -95.765874 1924.516
0.25000 -5.139711 -210.001714 -8.063464
-389.916749 -92.937852 -2045.707
0.50000 -5.139711 -193.863733 -8.063464
-413.121537 -90.806340 2166.946
0.75000 -5.139711 -178.632835 -8.063464
-438.252405 -89.565989 -2288.003
1.00000 -5.139711 -164.553684 -8.063464
-464.566850 -89.188446 -2409.440

COMB DB ----- MAX
REL DIST P M2 V2 V3
0.00000 2.498609 343.880578 8.512464
435.621587 62.638890 5206.387
0.25000 2.498609 368.330714 8.512464
393.860069 88.914068 5669.760
0.50000 2.498609 393.681704 8.512464
387.708358 87.853558 5479.296
0.75000 2.498609 419.598319 8.512464
387.708358 87.958319 5479.296
1.00000 2.498609 447.903441 8.512464
387.708358 91.153230 5361.885

COMB DB ----- MIN
REL DIST P M2 V2 V3
0.00000 -3.104800 -258.033969 -8.362145
-388.760406 -87.949456 -1075.630
0.25000 -3.104800 -237.116246 -8.362145
-423.401872 -77.230021 -1637.828
0.50000 -3.104800 -217.593075 -8.362145
-453.959670 -77.314496 -1729.404
0.75000 -3.104800 -198.759160 -8.362145
-484.000000 -178.632835 -2166.946
1.00000 -3.104800 -164.553684 -8.362145
-499.968855 -83.273111 -1832.592

COMB DL ----- MAX
REL DIST P M2 V2 V3
0.00000 3.572155 349.296515 8.213022
421.290557 105.506306 6011.016
0.25000 3.572155 370.188641 8.213022
399.170617 102.357500 5977.225
0.50000 3.572155 392.226515 8.213022
394.254002 100.163476 5916.487
0.75000 3.572155 415.247167 8.213022
390.016684 98.753014 5834.547
1.00000 3.572155 438.939319 8.213022
387.404644 97.951909 5726.870

COMB DL ----- MIN
REL DIST P M2 V2 V3
0.00000 -5.139711 -280.342608 -3.722022
-381.640337 -100.464363 -1424.912
0.25000 -5.139711 -257.038739 -3.722022
-389.916749 -96.968642 -1511.825
0.50000 -5.139711 -234.677474 -3.722022
-423.401872 -77.230021 -1637.828
0.75000 -5.139711 -213.538663 -3.722022
-453.959670 -77.314496 -1729.404
1.00000 -5.139711 -195.469247 -3.722022
-464.566850 -83.273111 -1832.592

COMB CAR ----- MAX
REL DIST P M2 V2 V3
0.00000 3.572155 349.296515 8.213464
435.621587 62.638890 5206.387
0.25000 3.572155 370.188641 8.213464
399.170617 102.357500 5977.225
0.50000 3.572155 393.681704 8.213464
387.708358 87.853558 5479.296
0.75000 3.572155 419.598319 8.213464
387.708358 87.958319 5479.296
1.00000 3.572155 447.903441 8.213464
387.708358 91.153230 5361.885
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB CAR ----- MIN
REL DIST P M2 V2 V3
0.00000 -5.139711 -335.621593 -8.362145
-388.760406 -87.949456 -1075.630
0.25000 -5.139711 -306.977535 -8.362145
-398.033315 -96.968642 -1053.447
0.50000 -5.139711 -279.411295 -8.362145
-423.401872 -77.230021 -1637.828
0.75000 -5.139711 -253.045478 -8.362145
-453.959670 -77.314496 -1729.404
1.00000 -5.139711 -228.228481 -8.362145
-499.968855 -91.421404 -2424.630

COMB DESIGN ----- MAX
REL DIST P M2 V2 V3
0.00000 3.572155 349.296515 8.512464
435.621587 62.638890 5206.387
0.25000 3.572155 370.188641 8.512464
399.170617 102.357500 5977.225
0.50000 3.572155 393.681704 8.512464
394.254002 100.163476 5916.487
0.75000 3.572155 419.598319 8.512464
390.016684 98.753014 5834.547
1.00000 3.572155 447.903441 8.512464
387.708358 97.951909 5726.870

COMB DESIGN ----- MIN
REL DIST P M2 V2 V3
0.00000 -5.139711 -335.621593 -8.362145
-388.760406 -87.949456 -1075.630
0.25000 -5.139711 -306.977535 -8.362145
-398.033315 -96.968642 -1053.447
0.50000 -5.139711 -279.411295 -8.362145
-423.401872 -77.230021 -1637.828
0.75000 -5.139711 -253.045478 -8.362145
-453.959670 -77.314496 -1729.404
1.00000 -5.139711 -228.228481 -8.362145
-499.968855 -91.421404 -2424.630

ELEM 6 ----- LENGTH
COMB DB-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 1.277580 250.179192 6.356714
338.907890 66.393987 2781.786
0.25000 1.277580 271.222076 6.356714
338.907890 61.544301 2719.373
0.50000 1.277580 293.038400 6.356714
338.907890 57.787446 2625.921
0.75000 1.2

385.822637 59.301012 4627.202
0.00000 2.927177 412.887823
351.911070 2.927177 412.887823
0.75000 2.927174 432.590984
323.821708 60.143222 4167.903
1.00000 2.927174 453.222038
292.430906 62.415767 3943.243

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -3.203816 -205.382716 -8.306768
-491.720271 -78.470126 -1821.047
0.25000 -3.203816 -185.040707 -8.306768
-491.720271 -74.904651 -1509.425
0.50000 -3.203816 -166.076614 -8.306768
0.75000 -3.203816 -147.946510 -8.306768
-529.316363 -71.899765 -2086.181
1.00000 -3.203816 -130.901170 -8.306768
-555.806057 -73.295650 -2174.559

COMB DL-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 1.648170 240.521807 7.333372
342.158038 68.884974 2818.669
0.25000 1.648170 260.312433 7.333372
343.761864 63.201041 2734.000
0.50000 1.648170 281.100895 7.333372
345.365845 68.240012 2662.473
0.75000 1.648170 302.673988 7.333372
346.969516 64.161616 2533.399
1.00000 1.648170 324.733718 7.333372
348.573342 51.122264 2371.007

COMB DL-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -2.092585 -159.639584 -1.513003
-11.855669 -7.312874 -1005.712
0.25000 -2.092585 -142.302409 -1.513003
-11.855669 -5.521249 1067.887
0.50000 -2.092585 -125.732640 -1.513003
-11.855669 -11.840841 -1129.099
0.75000 -2.092585 -110.124498 -1.513003
-11.855669 -14.911105 -1192.021
1.00000 -2.092585 -95.712462 -1.513003
-11.855669 -17.677563 -1254.388
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COMB DL-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 2.528770 399.433808 9.118538
550.278679 97.434647 4768.074
0.25000 2.528770 423.671397 9.118538
542.373505 94.271741 4620.254
0.50000 2.528770 449.171924 9.118538
537.333594 87.927643 4497.387
0.75000 2.528770 475.672074 9.118538
532.291511 84.781752 4320.752
1.00000 2.528770 502.820759 9.118538
527.249614 82.279509 4002.380

COMB DL-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -3.462475 -227.770525 -2.642928
-170.401652 -23.502076 -1818.777
0.25000 -3.462475 -206.253137 -2.642928
-170.405009 -26.968953 -1856.509
0.50000 -3.462475 -185.714256 -2.642928
-170.405009 -30.680731 -2028.071
0.75000 -3.462475 -166.401114 -2.642928
-170.405009 -34.787572 -2278.752
1.00000 -3.462475 -148.561527 -2.642928
-170.405009 -39.432720 -2237.723

COMB DL-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 3.954568 449.865359 9.358879
516.428867 95.465187 5726.716
0.25000 3.954568 471.916342 9.358879
506.154759 91.826372 5530.019
0.50000 3.954568 495.177691 9.358879
501.237974 89.148343 5301.807
0.75000 3.954568 519.230698 9.358879
496.320851 87.637184 5053.599
1.00000 3.954568 543.935578 9.358879
491.403897 87.407325 4782.188

COMB DL-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -5.140077 -215.239199 -7.074796
-387.068073 -65.031998 -2242.371
0.25000 -5.140077 -195.649892 -7.074796
-387.075480 -64.467017 -2551.102
0.50000 -5.140077 -176.952519 -7.074796
-387.075480 -63.931108 -2867.202
0.75000 -5.140077 -159.371863 -7.074796
-387.075480 -65.668584 -3280.368
1.00000 -5.140077 -143.133680 -7.074796
-387.075480 -67.743090 -2929.850

COMB DL-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 2.203082 100.612124 1.760255
10.134133 9.852076 1595.417
0.25000 2.203082 100.895293 1.760255
9.363627 10.499348 1524.873
0.50000 2.203082 101.197071 1.760255
8.627514 11.991474 1453.989
0.75000 2.203082 101.512334 1.760255
7.932390 14.698291 1384.553
1.00000 2.203082 101.837843 1.760255
7.298523 18.385335 1316.255

COMB DL-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -2.670199 -13.775993 -7.055901
-322.490915 -70.493989 -936.122303
0.25000 -2.670199 -13.506586 -7.055901
-323.038555 -64.444165 -1014.585
0.50000 -2.670199 -13.251166 -7.055901
-323.642572 -59.339951 -1051.260
0.75000 -2.670199 -13.010778 -7.055901
-324.291511 -56.917721 -1156.272
1.00000 -2.670199 -12.793209 -7.055901
-342.974448 -55.008271 -1195.028
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COMB DL-G2-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 3.297056 238.817225 2.731527
157.379176 25.58002 3431.519
0.25000 3.297056 238.823994 2.731527

157.360411 27.061999 3263.503
0.50000 3.297056 238.831188 2.731527
157.360411 27.061999 3263.503
0.75000 3.297056 238.838732 2.731527
157.325574 34.228263 2964.058
1.00000 3.297056 238.845512 2.731527
157.310122 39.855741 2640.108

COMB DL-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -4.233600 -47.647329 -9.001700
-534.002640 -92.144917 -1172.677
0.25000 -4.233600 -47.550407 -9.001700
-534.016097 -86.099695 -1848.764
0.50000 -4.233600 -47.634478 -9.001700
-534.030920 -81.766691 -324.852
0.75000 -4.233600 -47.628078 -9.001700
-534.046838 -78.837583 -2000.999
1.00000 -4.233600 -47.623831 -9.001700
-534.063585 -77.021928 -2077.091

COMB DL-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 4.096761 403.610727 7.257384
457.839335 69.530518 5297.671
0.25000 4.096761 420.717471 7.257384
457.839335 69.530518 5297.671
0.50000 4.096761 438.822536 7.257384
457.839335 69.530518 5297.671
0.75000 4.096761 457.689788 7.257384
457.839335 69.530518 5297.671
1.00000 4.096761 477.090239 7.257384
457.839335 69.530518 5297.671

COMB DL-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -5.356487 -176.096624 -9.239366
-563.104954 -83.320321 -2930.957
0.25000 -5.356487 -160.453801 -9.239366
-563.104954 -83.320321 -2930.957
0.50000 -5.356487 -145.525075 -9.239366
-563.104954 -83.320321 -2930.957
0.75000 -5.356487 -131.533693 -9.239366
-563.104954 -83.320321 -2930.957
1.00000 -5.356487 -118.654089 -9.239366
-563.104954 -83.320321 -2930.957

COMB DB ----- MAX

REL DIST T M2 M3 V3
0.00000 2.927174 431.412884 8.361654
514.931561 90.796856 5361.816
0.25000 2.927174 455.245105 8.361654
499.203604 86.254370 5135.416
0.50000 2.927174 479.947192 8.361654
499.203604 83.609085 4958.876
0.75000 2.927174 505.179557 8.361654
499.203604 83.092477 4651.956
1.00000 2.927174 530.853371 8.361654
499.203604 83.651570 4403.528

COMB DB ----- MIN

REL DIST T M2 M3 V3
0.00000 -3.203816 -278.438552 -8.306768
-520.047729 -83.371756 -2125.27
0.25000 -3.203816 -250.602792 -8.306768
-520.075520 -78.910422 -1928.492
0.50000 -3.203816 -233.938422 -8.306768
-520.109453 -75.128579 -1731.257
0.75000 -3.203816 -198.475132 -8.306768
-529.316363 -74.071336 -2120.022
1.00000 -3.203816 -174.591961 -2125.27
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ----- MAX

REL DIST T M2 M3 V3
0.00000 4.096761 449.865359 9.358879
550.278679 97.434647 5726.716
0.25000 4.096761 471.916342 9.358879
542.373505 92.317741 5530.019
0.50000 4.096761 495.177691 9.358879
537.333594 89.148343 5301.807
0.75000 4.096761 519.230698 9.358879
532.291511 87.637184 5053.599
1.00000 4.096761 543.935578 9.358879
527.249614 87.407325 4782.188

COMB DL ----- MIN

REL DIST T M2 M3 V3
0.00000 -5.356487 -227.770525 -9.239366
-534.002640 -92.144917 -1172.677
0.25000 -5.356487 -206.253137 -9.239366
-534.016097 -86.099695 -2551.102
0.50000 -5.356487 -185.714256 -9.239366
-534.030920 -81.766691 -324.852
0.75000 -5.356487 -166.401114 -9.239366
-538.802513 -82.403381 -2810.556
1.00000 -5.356487 -148.561527 -9.239366
-563.104954 -83.320321 -2930.957

COMB CAR ----- MAX

REL DIST T M2 M3 V3
0.00000 4.096761 449.865359 9.358879
550.278679 97.434647 5726.716
0.25000 4.096761 471.916342 9.358879
542.373505 92.317741 5530.019
0.50000 4.096761 495.177691 9.358879
537.333594 89.148343 5301.807
0.75000 4.096761 519.230698 9.358879
532.291511 87.637184 5053.599
1.00000 4.096761 543.935578 9.358879
527.249614 87.407325 4782.188

COMB CAR ----- MIN

REL DIST T M2 M3 V3
0.00000 -5.356487 -227.770525 -9.239366
-534.002640 -92.144917 -1172.677
0.25000 -5.356487 -206.253137 -9.239366
-534.016097 -86.099695 -2551.102
0.50000 -5.356487 -185.714256 -9.239366
-534.030920 -81.766691 -324.852
0.75000 -5.356487 -166.401114 -9.239366
-538.802513 -82.403381 -2810.556
1.00000 -5.356487 -148.561527 -9.239366
-563.104954 -83.320321 -2930.957

COMB DESIGN ----- MAX

REL DIST T M2 M3 V3
0.00000 4.096761 449.865359 9.358879
550.278679 97.434647 5726.716
0.25000 4.096761 471.916342 9.358879
542.373505 92.317741 5530.019
0.50000 4.096761 495.177691 9.358879
537.333594 89.148343 5301.807
0.75000 4.096761 519.230698 9.358879
532.291511 87.637184 5053.599
1.00000 4.096761 543.935578 9.358879
527.249614 87.407325 4782.188

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3
0.00000 -5.356487 -278.438552 -9.239366
-534.002640 -92.144917 -1172.677
0.25000 -5.356487 -250.602792 -9.239366
-534.016097 -86.099695 -2551.102
0.50000 -5.356487 -223.938422 -9.239366
-534.030920 -81.766691 -324.852
0.75000 -5.356487 -198.475132 -9.239366
-538.802513 -82.403381 -2810.556
1.00000 -5.356487 -174.591961 -9.239366
-563.104954 -83.320321 -2930.957
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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 7 ===== LENGTH =
5.049391
COMB DB-G1-1 ----- MAX
REL DIST T M2 M3 V3
0.00000 1.532426 293.842562 7.022682
424.283732 53.367578 2343.423
0.25000 1.532426 314.471248 7.022682
424.283732 47.134409 2213.915
0.50000 1.532426 335.737809 7.022682
424.283732 41.827500 2056.566
0.75000 1.532426 357.519902 7.022682
424.283732 37.546822 1871.157
1.00000 1.532426 379.167583 7.022682
424.283732 34.258494 1658.514

COMB DB-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -1.381680 -159.919167 -0.375371
-54.738035 -11.572533 -943.096991
0.25000 -1.381680 -138.762760 -0.375371
-54.738035 -14.071823 -1004.961
0.50000 -1.381680 -118.234557 -0.375371
-54.738035 -16.724172 -1066.923
0.75000 -1.381680 -98.743958 -0.375371
-54.738035 -19.464165 -128.887
1.00000 -1.381680 -80.553288 -128.887
-54.738035 -22.254347 -1190.850

COMB DB-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 2.169875 572.583915 8.515488
602.065335 79.966098 3876.930
0.25000 2.169875 496.303255 8.515488
599.611694 73.868080 3596.313
0.50000 2.169875 524.885320 8.515488
599.611694 68.808939 3302.256
0.75000 2.169875 551.953659 8.515488
599.611694 65.018887 3005.422
1.00000 2.169875 579.379169 8.515488
599.611694 62.353192 2705.026

COMB DB-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -2.245177 -216.694138 -1.256467
-210.328535 -2.245177 -189.855460
0.25000 -2.245177 -189.855460 -1.256467
-210.328535 -2.245177 -164.215808
0.50000 -2.245177 -164.215808 -1.256467
-210.328535 -2.245177 -139.846836
0.75000 -2.245177 -139.846836 -1.256467
-210.328535 -2.245177 -116.772224
1.00000 -2.245177 -116.772224 -1.256467
-210.328535 -2.245177 -90.729678

COMB DB-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 3.244676 516.673940 7.924435
576.742973 83.113846 4403.426
0.25000 3.244676 540.020916 7.924435
571.856651 80.979417 4047.615
0.50000 3.244676 564.150255 7.924435
571.856651 75.749248 3682.653
0.75000 3.244676 588.281025 7.924435
571.856651 70.420715 3321.292
1.00000 3.244676 613.631902 7.924435
571.856651 65.446799 2965.980

COMB DB-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -3.231554 -201.937501 -5.576695
-476.908456 -54.585139 -2215.887
0.25000 -3.231554 -177.558414 -5.576695
-476.908456 -52.713592 -2315.834
0.50000 -3.231554 -154.282420 -5.576695
-476.908456 -52.677136 -2416.145
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T M2 M3 V3
0.75000 -3.231554 -132.159077 -5.576695
-476.908456 -52.713592 -2315.834
1.00000 -3.231554 -111.486798 -5.576695
-476.908456 -53.527920 -2616.765

COMB DB-G2-1 ----- MAX

38.022501 22.658808 1206.728 0.660922
0.50000 2.428667 122.307052
36.726320 79.41699 109.5631
0.75000 2.428667 122.634269 0.660922
36.549818 32.911610 987.599560
1.00000 2.428667 122.970941 0.660922
35.893262 39.055171 880.384410

COMB DL-G2-1----- MIN

REL DIST P M2 M3 V3
0.00000 -2.829715 -13.094374 -8.765167
-436.518609 -55.419587 -1195.005
0.25000 -2.829715 -12.840172 -8.765167
-437.055845 -49.402386 -1211.109
0.50000 -2.829715 -12.612964 -8.765167
-437.650693 -44.233491 -1235.935
0.75000 -2.829715 -12.395059 -8.765167
-438.296010 -40.090288 -1242.922
1.00000 -2.829715 -12.196661 -8.765167
-438.964964 -36.963372 -1258.270

COMB DL-G2-2----- MAX

REL DIST P M2 M3 V3
0.00000 3.548892 294.192410 1.397764
205.208143 39.730201 2842.016
0.25000 3.548892 294.192410 1.397764
205.188815 45.817415 2584.675
0.50000 3.548892 294.207039 1.397764
205.170355 52.383642 2333.300
0.75000 3.548892 294.223634 1.397764
205.153014 59.548170 2103.818
1.00000 3.548892 294.222897 1.397764
205.137052 67.395278 1892.009

COMB DL-G2-2----- MIN

REL DIST P M2 M3 V3
0.00000 -4.286261 -36.400529 -10.972455
-677.815584 -77.594826 -2077.304
0.25000 -4.286261 -36.394599 -10.972455
-677.828954 -77.810927 -2077.304
0.50000 -4.286261 -36.389897 -10.972455
-677.843459 -77.810927 -2077.304
0.75000 -4.286261 -36.383779 -10.972455
-677.859164 -77.810927 -2077.304
1.00000 -4.286261 -36.379028 -10.972455
-677.875712 -77.810927 -2077.304

COMB DL-G2-3----- MAX

REL DIST P M2 M3 V3
0.00000 4.511131 500.306092 7.054060
566.739757 72.493575 4471.880
0.25000 4.511131 518.450893 7.054060
533.398802 74.220871 4078.304
0.50000 4.511131 537.742124 7.054060
500.157813 76.810927 3715.191
0.75000 4.511131 557.244516 7.054060
468.911676 78.810927 3342.664
1.00000 4.511131 577.472124 7.054060
440.309370 80.810927 2963.214
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNA
L F O R C E S

COMB DL-G2-3----- MIN

REL DIST P M2 M3 V3
0.00000 -5.406198 -140.439399 -10.324419
-639.132480 -83.899675 -2931.234
0.25000 -5.406198 -126.195760 -10.324419
-639.128120 -80.231577 -2634.563
0.50000 -5.406198 -112.703789 -10.324419
-642.657129 -79.219473 -2322.511
0.75000 -5.406198 -100.105239 -10.324419
-665.000997 -77.130982 -1946.465
1.00000 -5.406198 -88.600890 -10.324419
-688.656253 -80.116940 -3471.462

COMB DB----- MAX

REL DIST P M2 M3 V3
0.00000 3.311765 516.673940 8.515488
602.036535 83.113846 4403.426
0.25000 3.311765 540.020657 8.515488
599.611894 78.794717 4047.615
0.50000 3.311765 564.150245 8.515488
599.611894 75.749248 3682.653
0.75000 3.311765 588.721025 8.515488
599.611894 74.027015 3321.202
1.00000 3.311765 613.631992 8.515488
599.611894 73.447699 2965.980

COMB DB----- MIN

REL DIST P M2 M3 V3
0.00000 -3.362857 -216.694138 -8.390505
-612.832030 -74.039341 -215.987
0.25000 -3.362857 -189.655460 -8.390505
-612.860711 -69.517715 -2315.834
0.50000 -3.362857 -164.215086 -8.390505
-612.890855 -66.899628 -2443.445
0.75000 -3.362857 -139.846836 -8.390505
-612.921929 -65.144483 -2516.455
1.00000 -3.362857 -117.072242 -8.390505
-619.990331 -65.014789 -2616.765

COMB DL----- MAX

REL DIST P M2 M3 V3
0.00000 4.511131 563.205974 10.991798
696.177662 86.748150 4781.921
0.25000 4.511131 586.689409 10.991798
691.136089 83.523725 4421.284
0.50000 4.511131 611.251965 10.991798
686.095885 81.502505 4029.868
0.75000 4.511131 636.651422 10.991798
681.052942 80.907055 3620.431
1.00000 4.511131 662.588582 10.991798
676.011369 85.333313 3200.760

COMB DL----- MIN

REL DIST P M2 M3 V3
0.00000 -5.406198 -176.969089 -10.972455
-677.815584 -83.899675 -2931.234
0.25000 -5.406198 -157.856460 -10.972455
-677.828954 -80.993157 -3061.070
0.50000 -5.406198 -139.207453 -10.972455
-677.843459 -79.219473 -3232.511
0.75000 -5.406198 -122.612964 -10.972455
-677.859164 -77.859827 -3349.465
1.00000 -5.406198 -106.282970 -10.972455
-688.656253 -80.116940 -3471.462

COMB CAR----- MAX

REL DIST P M2 M3 V3
0.00000 4.511131 563.205974 10.991798
696.177662 86.748150 4781.921
0.25000 4.511131 586.689409 10.991798
691.136089 83.523725 4421.284
0.50000 4.511131 611.251965 10.991798
686.095885 81.502505 4029.868
0.75000 4.511131 636.651422 10.991798
681.052942 80.907055 3620.431
1.00000 4.511131 662.588582 10.991798
676.011369 85.333313 3200.760
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FRAME ELEMENT INTERNA
L F O R C E S

COMB CAR----- MIN

REL DIST P M2 M3 V3
0.00000 -5.406198 -216.694138 -10.972455
-677.815584 -83.899675 -2931.234
0.25000 -5.406198 -189.655460 -10.972455
-677.828954 -80.993157 -3061.070
0.50000 -5.406198 -164.215086 -10.972455
-677.843459 -79.219473 -3232.511
0.75000 -5.406198 -139.846836 -10.972455
-677.859164 -77.859827 -3349.465
1.00000 -5.406198 -117.072242 -10.972455
-688.656253 -80.116940 -3471.462

COMB DESIGN----- MAX

REL DIST P M2 M3 V3
0.00000 4.511131 563.205974 10.991798
696.177662 86.748150 4781.921
0.25000 4.511131 586.689409 10.991798
691.136089 83.523725 4421.284
0.50000 4.511131 611.251965 10.991798
686.095885 81.502505 4029.868
0.75000 4.511131 636.651422 10.991798
681.052942 80.907055 3620.431
1.00000 4.511131 662.588582 10.991798
676.011369 85.333313 3200.760

COMB DESIGN----- MIN

REL DIST P M2 M3 V3
0.00000 -5.406198 -216.694138 -10.972455
-677.815584 -83.899675 -2931.234
0.25000 -5.406198 -189.655460 -10.972455
-677.828954 -80.993157 -3061.070
0.50000 -5.406198 -164.215086 -10.972455
-677.843459 -79.219473 -3232.511
0.75000 -5.406198 -139.846836 -10.972455
-677.859164 -77.859827 -3349.465
1.00000 -5.406198 -117.072242 -10.972455
-688.656253 -80.116940 -3471.462

ELEM 8----- LENGTH = 5.049004

COMB DB-G1-1----- MAX

REL DIST P M2 M3 V3
0.00000 1.803241 348.850559 7.193717
455.474756 26.615555 1457.526
0.25000 1.803241 369.159623 7.193717
455.474756 26.615555 1457.526
0.50000 1.803241 390.668783 7.193717
455.474756 29.196790 1233.409
0.75000 1.803241 411.280795 7.193717
455.474756 31.721312 985.15678
1.00000 1.803241 432.309272 7.193717
455.474756 34.297533 714.885948

COMB DB-G1-1----- MIN

REL DIST P M2 M3 V3
0.00000 -1.650818 -107.295517 -0.291726
-144.271483 -21.858526 -86.830943
0.25000 -1.650818 -129.621298 -0.291726
-144.271483 -24.129491 -1279.626
0.50000 -1.650818 -68.064445 -0.291726
-144.271483 -26.615555 -1233.409
0.75000 -1.650818 -50.713903 -0.291726
-144.271483 -29.239625 -1458.573
1.00000 -1.650818 -34.509899 -0.291726
-144.271483 -33.085006 -1548.053

COMB DB-G1-2----- MAX

REL DIST P M2 M3 V3
0.00000 2.461165 554.491846 8.596978
639.493614 61.685200 2703.760
0.25000 2.461165 579.320498 8.596978
639.493614 54.428752 2320.498
0.50000 2.461165 605.803438 8.596978
639.493614 47.944565 1930.762
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FRAME ELEMENT INTERNA
L F O R C E S

COMB DB-G1-2----- MIN

REL DIST P M2 M3 V3
0.00000 -2.547189 -145.668199 -0.881464
-309.818477 -37.994392 -2072.479
0.25000 -2.547189 -119.712768 -0.881464
-309.818477 -41.175711 -2072.479
0.50000 -2.547189 -96.000372 -0.881464
-309.818477 -45.239759 -2324.787
0.75000 -2.547189 -74.238452 -0.881464
-309.818477 -50.040676 -2577.651
1.00000 -2.547189 -53.903017 -0.881464
-309.818477 -55.470221 -2577.651

COMB DB-G1-3----- MAX

REL DIST P M2 M3 V3
0.00000 3.624712 599.918363 7.989540
668.715827 72.960457 2966.005
0.25000 3.624712 622.972813 7.989540
668.715827 67.466558 2511.439
0.50000 3.624712 646.493674 7.989540
668.715827 62.849744 2054.393
0.75000 3.624712 670.453632 7.989540
668.715827 59.573365 1655.179
1.00000 3.624712 694.638036 7.989540
668.715827 57.587822 1325.314

COMB DB-G1-3----- MIN

REL DIST P M2 M3 V3
0.00000 -3.652308 -143.140138 -5.481553
-584.198718 -53.432966 -2616.804
0.25000 -3.652308 -119.564302 -5.481553
-584.198718 -50.873414 -2725.703
0.50000 -3.652308 -98.299325 -5.481553
-584.198718 -49.482687 -2835.775
0.75000 -3.652308 -78.269352 -5.481553
-584.198718 -50.547977 -2945.876
1.00000 -3.652308 -59.805179 -3056.308
-584.198718 -55.626539 -3056.308

COMB DB-G2-1----- MAX

REL DIST P M2 M3 V3
0.00000 1.983486 106.946773 0.225783
112.206688 26.203627 321.557533
0.25000 1.983486 107.275936 0.225783
111.363837 29.272241 326.281745

COMB DB-G2-1----- MIN

REL DIST P M2 M3 V3
0.00000 -1.979105 -24.550876 -6.865022
-404.436751 39.718613 -860.284027
0.25000 -1.979105 -24.227028 -6.865022
-405.226873 -33.139806 -845.265196
0.50000 -1.979105 -23.937029 -6.865022
-406.065454 -23.937029 -845.8822
0.75000 -1.979105 -23.675910 -6.865022
-406.925595 -22.728348 -816.457345
1.00000 -1.979105 -23.432888 -6.865022
-407.950856 -19.120960 -802.675902

COMB DB-G2-2----- MAX

REL DIST P M2 M3 V3
0.00000 2.749226 272.108731 0.678247
284.984212 46.036337 1443.540
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNA
L F O R C E S

COMB DB-G2-2----- MIN

REL DIST P M2 M3 V3
0.25000 2.749226 272.119546 0.678247
284.945115 46.494582 1144.876
0.50000 2.749226 272.130648 0.678247
284.910933 50.655789 879.917776
0.75000 2.749226 272.141888 0.678247
284.878353 54.213620 738.972195
1.00000 2.749226 272.154083 0.678247
284.847094 58.301687 701.051066

COMB DB-G2-2----- MAX

REL DIST P M2 M3 V3
0.00000 -2.971519 -33.821138 -8.641544
-647.346536 -56.174124 -221.234
0.25000 -2.971519 -33.809132 -8.641544
-647.376080 -48.272646 -1727.750
0.50000 -2.971519 -33.798393 -8.641544
-647.407184 -41.139885 -1734.898
0.75000 -2.971519 -33.787716 -8.641544
-647.439086 -35.025947 -1742.619
1.00000 -2.971519 -33.779711 -8.641544
-647.471715 -30.073761 -1750.492

COMB DB-G2-3----- MAX

REL DIST P M2 M3 V3
0.00000 3.658283 517.169885 5.277526
587.666959 65.918323 2608.683
0.25000 3.658283 535.042269 5.277526
587.635551 62.92575 212.285
0.50000 3.658283 553.413796 5.277526
587.602417 60.521571 1783.669
0.75000 3.658283 572.031956 5.277526
587.571571 58.980283 1463.893
1.00000 3.658283 591.424418 5.277526
587.541571 56.356769 1214.697

COMB DB-G2-3----- MIN

REL DIST P M2 M3 V3
0.00000 -3.766746 -129.303798 -8.014694
-653.31697 -65.729280 -2501.063
0.25000 -3.766746 -110.321252 -8.014694
-653.31697 -60.386617 -2170.849
0.50000 -3.766746 -93.077002 -8.014694
-653.31697 -55.968985 -2641.677
0.75000 -3.766746 -77.487298 -8.014694
-653.31697 -52.656437 -2713.050
1.00000 -3.766746 -62.898281 -8.014694
-662.132464 -50.674489 -2784.556

COMB DL-G1-1----- MAX

REL DIST P M2 M3 V3
0.00000 2.254025 394.140928 9.381330
550.086919 28.665673 1595.835
0.25000 2.254025 417.071655 9.381330
551.864219 22.498597 1404.115
0.50000 2.254025 440.209777 9.381330
553.267819 16.905083 1224.082
0.75000 2.254025 465.347593 9.381330
555.871419 12.478282 1054.472
1.00000 2.254025 490.232469 9.381330
558.475020 9.330646 897.96883

COMB DL-G1-1----- MIN

REL DIST P M2 M3 V3
0.00000 -2.354369 -68.689046 -0.369903
-184.203886 -60.010814 -113.13
0.25000 -2.354369 -75.383456 -0.369903
-184.203886 -63.142956 -1774.617
0.50000 -2.354369 -62.799067 -0.369903
-184.203886 -48.990283 -2029.982
0.75000 -2.354369 -51.224433 -0.369903
-184.203886 -55.595946 -2336.545
1.00000 -2.354369 -40.793507 -0.369903
-184.203886 -63.608314 -2694.681
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FRAME ELEMENT INTERNA
L F O R C E S

COMB DL-G1-2----- MAX

REL DIST P M2 M3 V3
0.00000 3.146926 633.250065 11.164514
770.663718 61.241214 2692.886
0.25000 3.146926 661.123879 11.164514
765.622531 54.799766 2321.982
0.50000 3.146926 690.108168 11.164514
760.581345 49.305804 1994.911
0.75000 3.146926 719.926169 11.164514
755.540159 45.047933 1726.373
1.00000 3.146926 750.254742 11.164514
750.498972 42.134540 1510.162

COMB DL-G1-2----- MIN

REL DIST P M2 M3 V3
0.00000 -3.478431 -126.657669 -1.056622
-352.321974 -60.312529 -2747.526
0.25000 -3.478431 -109.889881 -1.056622
-352.321974 -72.922857 -3000.305
0.50000 -3.478431 -94.063570 -1.056622
-352.321974 -80.435540 -3366.838
0.75000 -3.478431 -79.484114 -1.056622
-352.321974 -88.919365 -3832.970
1.00000 -3.478431 -66.362448 -1.056622
-352.321974 -98.436446 -4387.107

COMB DL-G1-3----- MAX

REL DIST P M2 M3 V3
0.00000 4.764613 690.921581 10.385993
813.155769 81.093536 3200.854
0.25000 4.764613 716.270448 10.385993

808.239507 78.362419 2745.340 10.385993
4.764613 742.631238
80.9323246 78.98085 2394.874
0.50000 4.764613 769.57188 10.385993
798.406984 77.257292 2006.384
1.00000 4.764613 797.357123 10.385993
793.490723 79.422673 1771.215

COMB DL-G1-3----- MIN

REL DIST P M2 M3 V3
0.00000 -5.275509 -129.959021 -7.082593
-676.226717 -78.396277 -3465.623
0.25000 -5.275509 -114.681875 -7.082593
-676.226717 -79.219439 -3689.750
0.50000 -5.275509 -100.263334 -7.082593
-676.226717 -85.582515 -4019.536
0.75000 -5.275509 -86.980832 -7.082593
-676.226717 -88.362333 -4462.157
1.00000 -5.275509 -75.026835 -7.082593
-676.226717 -96.058068 -5032.363

COMB DL-G2-1----- MAX

REL DIST P M2 M3 V3
0.00000 2.583798 125.692410 0.338838
139.173995 38.835862 882.439890
0.25000 2.583798 126.007679 0.338838
138.370462 44.014185 758.01710
0.50000 2.583798 126.336219 0.338838
137.607394 49.813617 635.457306
0.75000 2.583798 126.676947 0.338838
136.893155 56.213101 525.21452
1.00000 2.583798 127.025733 0.338838
136.238634 63.295282 497.958188

COMB DL-G2-1----- MIN

REL DIST P M2 M3 V3
0.00000

808.239507 86.826530 2745.340 11.164514
0.50000 4.809046 742.631238
808.232246 86.826530 2745.340 11.164514
0.75000 4.809046 769.751788 11.164514
798.406894 94.360189 2006.384 11.164514
1.00000 4.809046 797.357123 11.164514
793.490723 100.262278 1771.215
COMB DL-----MIN
REL DIST T M2 M3 V3
0.00000 -5.435660 -129.950921 -11.322043
-757.766409 -80.822299 -3472.119
0.25000 -5.435660 -119.712768 -11.322043
-757.779766 -79.912439 -3689.750
0.50000 -5.435660 -100.263334 -11.322043
-758.820592 -82.582515 -4019.536
0.75000 -5.435660 -87.808112 -11.322043
-778.242638 -88.919365 -4462.157
1.00000 -5.435660 -77.991281 -11.322043
-803.341162 -98.436446 -5032.363
COMB CAR-----MAX
REL DIST T M2 M3 V3
0.00000 4.809046 690.921581 11.164514
813.155769 84.797843 3200.854
0.25000 4.809046 716.270448 11.164514
808.239507 86.826530 2745.340
0.50000 4.809046 742.631238 11.164514
803.323246 89.907845 2333.994
0.75000 4.809046 769.751788 11.164514
798.406894 94.360189 2006.384
1.00000 4.809046 797.357123 11.164514
793.490723 100.262278 1771.215
COMB CAR-----MIN
REL DIST T M2 M3 V3
0.00000 -5.435660 -145.668199 -11.322043
-757.766409 -80.822299 -3472.119
0.25000 -5.435660 -119.712768 -11.322043
-757.779766 -79.912439 -3689.750
0.50000 -5.435660 -100.263334 -11.322043
-758.820592 -82.582515 -4019.536
0.75000 -5.435660 -87.808112 -11.322043
-778.242638 -88.919365 -4462.157
1.00000 -5.435660 -77.991281 -11.322043
-803.341162 -98.436446 -5032.363
COMB DESIGN-----MAX
REL DIST T M2 M3 V3
0.00000 4.809046 690.921581 11.164514
813.155769 84.797843 3200.854
0.25000 4.809046 716.270448 11.164514
808.239507 86.826530 2745.340
0.50000 4.809046 742.631238 11.164514
803.323246 89.907845 2333.994
0.75000 4.809046 769.751788 11.164514
798.406894 94.360189 2006.384
1.00000 4.809046 797.357123 11.164514
793.490723 100.262278 1771.215
COMB DESIGN-----MIN
REL DIST T M2 M3 V3
0.00000 -5.435660 -145.668199 -11.322043
-757.766409 -80.822299 -3472.119
0.25000 -5.435660 -119.712768 -11.322043
-757.779766 -79.912439 -3689.750
0.50000 -5.435660 -100.263334 -11.322043
-758.820592 -82.582515 -4019.536
0.75000 -5.435660 -87.808112 -11.322043
-778.242638 -88.919365 -4462.157
1.00000 -5.435660 -77.991281 -11.322043
-803.341162 -98.436446 -5032.363
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FRAME ELEMENT INTERNAL FORCES
ELEM 9=====LENGTH
COMB DB-G1-1-----MAX
REL DIST T M2 M3 V3
0.00000 2.090741 421.754576 5.710982
414.715131 9.874086 713.87199
0.25000 2.090741 441.965203 5.710982
414.715131 5.056765 444.605148
0.50000 2.090741 462.605388 5.710982
414.715131 3.039393 441.965203
0.75000 2.090741 483.348818 5.710982
414.715131 1.557071 420.607908
1.00000 2.090741 503.736114 5.710982
414.715131 1.720259 436.444285
COMB DB-G1-1-----MIN
REL DIST T M2 M3 V3
0.00000 -1.947483 -41.561786 -1.976371
-269.959707 -33.683683 -154.7128
0.25000 -1.947483 -26.933626 -1.976371
-269.959707 -35.704395 -1676.710
0.50000 -1.947483 -17.440146 -1.976371
-269.959707 -38.017953 -1806.341
0.75000 -1.947483 -12.844567 -1.976371
-269.959707 -40.718221 -1936.034
1.00000 -1.947483 -12.852376 -1.976371
-269.959707 -43.895751 -2066.340
COMB DB-G1-2-----MAX
REL DIST T M2 M3 V3
0.00000 2.772853 654.151174 6.745402
593.322116 37.999218 1169.034
0.25000 2.772853 679.295849 6.745402
593.322116 32.546850 774.076688
0.50000 2.772853 704.950419 6.745402
593.322116 28.597777 730.048344
0.75000 2.772853 730.313915 6.745402
593.322116 26.568331 743.33015
1.00000 2.772853 756.469282 6.745402
593.322116 26.518428 771.031103
COMB DB-G1-2-----MIN
REL DIST T M2 M3 V3
0.00000 -2.888847 -64.873569 -2.588676
-453.066245 -56.129297 -2576.868
0.25000 -2.888847 -64.036256 -2.588676
-453.066245 -53.059222 -2474.461
0.50000 -2.888847 -30.914330 -2.588676
-453.066245 -61.232370 -2918.305
0.75000 -2.888847 -20.871303 -2.588676
-453.066245 -64.7291 -3219.156
1.00000 -2.888847 -20.871303 -2.588676
-453.066245 -67.928018 -3260.281
COMB DB-G1-3-----MAX
REL DIST T M2 M3 V3
0.00000 4.001746 684.711441 7.368685
714.659182 57.487895 1324.471
0.25000 4.001746 707.534622 7.368685
714.659182 52.301563 978.873568
0.50000 4.001746 730.819753 7.368685
714.659182 48.920031 934.956675
0.75000 4.001746 754.218869 7.368685
714.659182 47.623944 963.633795
1.00000 4.001746 777.594522 7.368685

714.659182 48.319375 992.315202
COMB DB-G1-3-----MIN
REL DIST T M2 M3 V3
0.00000 -4.094548 -91.189743 -6.185872
-684.889091 -56.159288 -3056.196
0.25000 -4.094548 -71.269945 -6.185872
-684.889091 -58.345075 -3179.873
0.50000 -4.094548 -60.259601 -6.185872
-684.889091 -60.814635 -3305.001
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES
REL DIST T M2 M3 V3
0.75000 -4.094548 -50.956901 -6.185872
-684.889091 -63.620937 -3430.840
1.00000 -4.094548 -50.956901 -6.185872
-684.889091 -66.944136 -3557.942
COMB DB-G2-1-----MAX
REL DIST T M2 M3 V3
0.00000 2.126581 93.380243 1.867014
233.641424 29.467646 328.26774
0.25000 2.126581 93.669393 1.867014
232.566583 30.373136 329.256577
0.50000 2.126581 93.963030 1.867014
231.606481 31.593032 334.004082
0.75000 2.126581 94.257287 1.867014
230.677685 32.983452 339.521795
1.00000 2.126581 94.873991 1.867014
229.833440 35.235330 345.403802
COMB DB-G2-1-----MIN
REL DIST T M2 M3 V3
0.00000 -2.191429 -57.211686 -5.441134
-232.901957 -19.376839 -80.33721
0.25000 -2.191429 -56.920278 -5.441134
-366.760189 -14.621884 -75.937246
0.50000 -2.191429 -56.658579 -5.441134
-367.637678 -11.351745 -66.655728
0.75000 -2.191429 -56.462874 -5.441134
-368.574025 -9.101262 -63.761521
1.00000 -2.191429 -56.319437 -5.441134
-369.648753 -8.014955 -60.771268
COMB DB-G2-2-----MAX
REL DIST T M2 M3 V3
0.00000 2.892253 273.420507 2.387392
424.469284 59.694952 701.22217
0.25000 2.892253 273.431274 2.387392
424.49423 59.547052 634.640133
0.50000 2.892253 273.442098 2.387392
424.413823 60.843714 648.790539
0.75000 2.892253 273.453794 2.387392
424.379382 62.431257 663.070599
1.00000 2.892253 273.464735 2.387392
424.348077 64.256794 677.350669
COMB DB-G2-2-----MIN
REL DIST T M2 M3 V3
0.00000 -3.213459 -67.760691 -6.803204
-604.415642 -30.408096 -1751.636
0.25000 -3.213459 -67.748981 -6.803204
-604.47263 -24.187478 -1633.746
0.50000 -3.213459 -67.740194 -6.803204
-604.479804 -19.317342 -1677.381
0.75000 -3.213459 -67.732924 -6.803204
-604.514577 -16.815321 -1648.224
1.00000 -3.213459 -67.727608 -6.803204
-604.554434 -18.796332 -1610.773
COMB DB-G2-3-----MAX
REL DIST T M2 M3 V3
0.00000 3.988380 569.779198 5.903212
661.286378 66.436469 1214.392
0.25000 3.988380 567.520982 5.903212
661.295833 64.213447 1214.392
0.50000 3.988380 565.585641 5.903212
605.409671 60.137957 911.324592
0.75000 3.988380 623.718080 5.903212
605.409671 53.671587 935.571794
1.00000 3.988380 642.432734 5.903212
605.409671 64.881965 961.399896
COMB DB-G2-3-----MIN
REL DIST T M2 M3 V3
0.00000 -4.183010 -113.188577 -7.544616
-687.208015 -51.410001 -2785.105
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES
REL DIST T M2 M3 V3
0.25000 -4.183010 -96.265986 -7.544616
-687.208015 -46.823597 -2840.652
0.50000 -4.183010 -83.768193 -7.544616
-687.208015 -43.591187 -2897.838
0.75000 -4.183010 -75.014304 -7.544616
-687.207134 -44.194039 -2957.088
1.00000 -4.183010 -60.678101 -7.544616
-715.612439 -45.869654 -3017.876
COMB DL-G1-1-----MAX
REL DIST T M2 M3 V3
0.00000 2.602715 522.286486 6.422506
522.717624 8.929005 897.460172
0.25000 2.602715 547.724026 6.422506
524.321487 5.357937 765.502462
0.50000 2.602715 573.927894 6.422506
525.925350 2.737179 648.206236
0.75000 2.602715 600.502160 6.422506
527.529213 2.368843 569.348920
1.00000 2.602715 625.571794 6.422506
529.045700 2.531425 577.464066
COMB DL-G1-1-----MIN
REL DIST T M2 M3 V3
0.00000 -2.562200 -48.733505 -1.717964
-345.124655 -39.323376 -293.542
0.25000 -2.562200 -38.303514 -1.717964
-346.124655 -67.322877 -3170.716
0.50000 -2.562200 -28.686963 -1.717964
-345.124655 67.322877 -3170.716
0.75000 -2.562200 -20.075888 -1.717964
-346.124655 -76.499359 -4279.156
1.00000 -2.562200 -17.841872 -1.717964
-346.037323 -81.940689 -4916.440
COMB DL-G1-2-----MAX
REL DIST T M2 M3 V3
0.00000 3.454887 808.866040 7.575648
727.919479 41.711190 1590.634
0.25000 3.454887 839.604828 7.575648

722.277466 37.683930 1266.528 7.575648
0.50000 3.454887 871.302949 7.575648
727.919479 37.683930 1266.528 7.575648
0.75000 3.454887 903.480072 7.575648
712.353153 34.317245 1002.108 7.575648
1.00000 3.454887 936.279983 7.575648
709.411410 33.568021 1017.487
COMB DL-G1-2-----MIN
REL DIST T M2 M3 V3
0.00000 -3.569282 -72.693532 -2.290314
-531.909870 -98.984678 -4388.078
0.25000 -3.569282 -59.227466 -2.290314
-531.909870 -102.762397 -5096.709
0.50000 -3.569282 -46.851470 -2.290314
-531.909870 -107.588927 -5895.295
0.75000 -3.569282 -35.762555 -2.290314
-532.069748 -112.677345 -6761.838
1.00000 -3.569282 -29.935105 -2.290314
-534.170126 -118.825504 -7714.139
COMB DL-G1-3-----MAX
REL DIST T M2 M3 V3
0.00000 5.081146 844.838119 8.016744
882.247897 78.938528 1771.188
0.25000 5.081146 872.783742 8.016744
877.330829 71.040590 1528.554
0.50000 5.081146 901.618662 8.016744
872.412976 77.624757 1372.850
0.75000 5.081146 930.859586 8.016744
867.722328 79.322458 1286.974
1.00000 5.081146 960.683091 8.016744
864.925892 82.542336 1308.010
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-3-----MIN
REL DIST T M2 M3 V3
0.00000 -5.360664 -106.153553 -6.347022
-819.066419 -96.509648 -5032.964
0.25000 -5.360664 -93.869689 -6.347022
-819.066419 -99.404688 -5723.435
0.50000 -5.360664 -82.582422 -6.347022
-819.066419 -103.576691 -6507.975
0.75000 -5.360664 -72.461455 -6.347022
-819.292403 -108.530776 -7388.877
1.00000 -5.360664 -67.021924 -6.347022
-821.413139 -114.187008 -8340.288
COMB DL-G2-1-----MAX
REL DIST T M2 M3 V3
0.00000 2.683927 111.091546 1.662525
290.038307 63.293511 498.707346
0.25000 2.683927 111.427773 1.662525
287.718905 64.719066 471.419383
0.50000 2.683927 111.776583 1.662525
288.520942 68.890774 459.490525
0.75000 2.683927 112.341818 1.662525
287.842184 74.883552 459.131369
1.00000 2.683927 112.497624 1.662525
287.226802 77.212474 465.968879
COMB DL-G2-1-----MIN
REL DIST T M2 M3 V3
0.00000 -3.017211 -73.738279 -6.330982
-456.575797 -18.025885 -1279.847
0.25000 -3.017211 -73.541690 -6.330982
-457.178905 -12.812827 -1251.425
0.50000 -3.017211 -73.360244 -6.330982
-457.830470 -11.151296 -1262.373
0.75000 -3.017211 -73.197010 -6.330982
-458.519300 -9.703743 -1273.358
1.00000 -3.017211 -73.054475 -6.330982
-459.236785 -9.357469 -1292.598
COMB DL-G2-2-----MAX
REL DIST T M2 M3 V3
0.00000 3.660022 341.494059 2.239246
505.686846 97.973573 1039.414
0.25000 3.660022 341.502070 2.239246
505.649818 100.929365 917.127805
0.50000 3.660022 341.518901 2.239246
505.631757 104.763507 878.174440
0.75000 3.660022 341.518901 2.239246
505.615262 109.587878 879.962884
1.00000 3.660022 341.527794 2.239246
505.600283 115.149489 897.473617
COMB DL-G2-2-----MIN
REL DIST T M2 M3 V3
0.00000 -4.175300 -88.069783 -7.685419
-717.010750 -37.398776 -376.319
0.25000 -4.175300 -88.065053 -7.685419
-717.525495 -32.682648 -2862.732
0.50000 -4.175300 -88.060699 -7.685419
-717.541406 -29.034322 -3094.030
0.75000 -4.175300 -88.056772 -7.685419
-717.558216 -27.502913 -3368.232
1.00000 -4.175300 -88.053329 -7.685419
-717.575715 -27.605168 -3662.022
COMB DL-G2-3-----MAX
REL DIST T M2 M3 V3
0.00000 5.035846 695.382588 6.187851
812.114147 99.951934 1660.151
0.25000 5.035846 716.489699 6.187851
777.938591 100.961333 1455.878
0.50000 5.035846 738.300354 6.187851
745.670252 107.757588 1332.859
0.75000 5.035846 760.622941 6.187851
727.723492 105.128521 1254.325
1.00000 5.035846 783.117532 6.187851
721.689759 109.996434 1270.500
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-3-----MIN
REL DIST T M2 M3 V3
0.00000 -5.478226 -130.867777 -8.136765
-819.066419 -98.984678 -4388.078
0.25000 -5.478226 -120.317215 -8.136765
-819.066419 -102.762397 -5096.709
0.50000 -5.478226 -110.596140 -8.136765
-820.139713 -107.288827 -6507.975
0.75000 -5.478226 -101.863088 -8.136765
-846.267284 -112.677345 -7388.877
1.00000 -5.478226 -94.264348 -8.136765
-875.483328 -118.825504 -8340.288
COMB DB-G1-1-----MAX
REL DIST T M2 M3 V3
0.00000 2.421749 36.582384 2.573004
299.030525 1.356855 436.409653
0.25000 2.421749 36.582384 2.573004
299.030525 1.342133 404.086664
0.50000 2.421749 36.582384 2.573004
299.030525 1.890384 371.763675
0.75000 2.421749 36.582384 2.573004
299.030525 2.583055 339.440686
1.00000 2.421749 36.582384 2.573004
299.030525 7.101852 392.880441
COMB DB-G1-1-----MIN
REL DIST T M2 M3 V3
0.00000 -2.306939 -503.319438 -4.946347
-383.506323 -44.495170 -2065.125
0.25000 2.306939 -488.836882 -4.946347
-383.506323 -44.495170 -2065.125
0.50000 -2.306939 -474.228548 -4.946347
-383.506323 -44.103012 -1817.650
0.75000 2.306939 -459.679424 -4.946347
-383.506323 -44.062329 -1597.030
1.00000 -2.306939 -445.275529 -4.946347
-383.506323 -44.145488 -1616.131
COMB DB-G1-2-----MAX
REL DIST T M2 M3 V3
0.00000 3.153817 64.159703 3.392601
493.047943 26.588392 770.976335
0.25000 3.153817 64.159703 3.392601
493.047943 27.478481 714.288429
0.50000 3.153817 64.159703 3.392601
493.047943 29.241126 657.600524

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F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIST	P	M2	V2
T	M3		V3
0.75000	3.15381	64.15703	3.392601
493.047943	31.632828	80.912919	3.392601
1.00000	3.15381	64.15703	
493.047943	34.616193	651.375315	
COMB DB-G1-2 MIN			
REL DIST	P	M2	V2
T	M3		V3
0.00000	-3.304434	-759.620699	-6.029122
-587.313145	-68.613156	-3259.218	
0.25000	-3.304434	-741.534404	-6.029122
-587.313145	-68.190151	-3029.046	
0.50000	-3.304434	-723.279872	-6.029122
-587.313145	-67.828350	-2896.989	
0.75000	-3.304434	-705.075310	-6.029122
-587.313145	-67.596193	-2764.932	
1.00000	-3.304434	-687.041138	-6.029122
-587.313145	-67.494213	-2632.877	
COMB DB-G1-3 MAX			
REL DIST	P	M2	V2
T	M3		V3
0.00000	4.229972	91.582056	6.455130
698.946469	48.764501	992.272859	
0.25000	4.229972	91.582056	6.455130
698.946469	48.095452	919.908212	
0.50000	4.229972	91.582056	6.455130
698.946469	48.447532	847.543564	
0.75000	4.229972	91.582056	6.455130
698.946469	50.700348	775.178917	
1.00000	4.229972	91.582056	6.455130
698.946469	53.963764	800.089086	
COMB DB-G1-3 MIN			
REL DIST	P	M2	V2
T	M3		V3
0.00000	-4.600410	-773.087917	-7.087349
-727.732219	-67.483993	-3253.714	
0.25000	-4.600410	-756.660940	-7.087349
-727.732219	-66.940359	-3293.457	
0.50000	-4.600410	-740.097041	-7.087349
-727.732219	-66.491219	-3199.493	
0.75000	-4.600410	-723.565651	-7.087349
-727.732219	-66.161140	-3106.010	
1.00000	-4.600410	-707.196287	-7.087349
-727.732219	-65.948495	-3012.946	
COMB DB-G2-1 MAX			
REL DIST	P	M2	V2
T	M3		V3
0.00000	2.259135	62.503755	4.786703
34.714781	34.747152	54.420930	
0.25000	2.259135	62.503755	4.786703
340.486631	34.137571	320.797492	
0.50000	2.259135	62.503755	4.786703
339.806019	33.715594	296.174054	
0.75000	2.259135	62.503755	4.786703
339.157714	33.410609	271.624449	
1.00000	2.259135	62.503755	4.786703
338.524056	33.264846	248.227686	
COMB DB-G2-1 MIN			
REL DIST	P	M2	V2
T	M3		V3
0.00000	-2.408439	-84.673009	-2.524978
-258.090490	-8.044714	-608.681978	
0.25000	-2.408439	-84.673009	-2.524978
-258.138118	-8.515443	-548.633668	
0.50000	-2.408439	-84.247460	-2.524978
-259.408594	-9.515199	-566.562437	
0.75000	-2.408439	-83.932206	-2.524978
-260.098307	-11.097033	-530.328061	
1.00000	-2.408439	-83.819293	-2.524978
-260.802372	-12.988563	-674.703224	
COMB DB-G2-2 MAX			
REL DIST	P	M2	V2
T	M3		V3
0.00000	3.036345	87.248078	6.061900
578.560797	64.692854	677.355909	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIST	P	M2	V2
T	M3		V3
0.25000	3.036345	87.248078	6.061900
578.535375	62.433343	628.730927	
0.50000	3.036345	87.248078	6.061900
578.510061	61.320268	580.105944	
0.75000	3.036345	87.256418	6.061900
578.485970	60.989322	521.485241	
1.00000	3.036345	87.263621	6.061900
578.462469	60.910282	482.904198	
COMB DB-G2-2 MIN			
REL DIST	P	M2	V2
T	M3		V3
0.00000	-3.457813	-266.691504	-3.291479
-484.437375	-17.734676	-1612.152	
0.25000	-3.457813	-266.691504	-3.291479
-484.461391	-18.532363	-1474.219	
0.50000	-3.457813	-266.691504	-3.291479
-484.486254	-18.330091	-1508.002	
0.75000	-3.457813	-266.675620	-3.291479
-484.511830	-19.342401	-1542.039	
1.00000	-3.457813	-266.667703	-3.291479
-484.537939	-22.219955	-1576.913	
COMB DB-G2-3 MAX			
REL DIST	P	M2	V2
T	M3		V3
0.00000	4.352439	107.941289	7.284202
686.918382	65.346398	961.376208	
0.25000	4.352439	107.941289	7.284202
679.910150	64.071262	891.665891	
0.50000	4.352439	107.941289	7.284202
679.910150	64.213318	847.543564	
0.75000	4.352439	107.941289	7.284202
679.910150	65.418141	752.245257	
1.00000	4.352439	114.972113	7.284202
679.910669	67.124973	758.785954	
COMB DB-G2-3 MIN			
REL DIST	P	M2	V2
T	M3		V3
0.00000	-4.644201	-632.765896	-6.182326
-642.915231	-64.283228	-3253.714	
0.25000	-4.644201	-619.910849	-6.182326
-642.815231	-64.752693	-2784.540	
0.50000	-4.644201	-606.921817	-6.182326
-642.915231	-64.386222	-2745.283	
0.75000	-4.644201	-593.936309	-6.182326
-656.076841	-64.010742	-2706.262	
1.00000	-4.644201	-581.049404	-6.182326
-681.121589	-64.036533	-2667.999	
COMB DL-G1-1 MAX			
REL DIST	P	M2	V2
T	M3		V3
0.00000	3.085583	52.558419	2.121059
395.185288	2.248684	57.719361	
0.25000	3.085583	52.711897	2.121059

395.298251	2.265287	540.472058	
0.50000	3.085583	53.225185	2.121059
395.298251	3.230161	536.732195	
0.75000	3.085583	55.974151	2.121059
395.298251	4.795757	583.932629	
1.00000	3.085583	62.715843	2.121059
395.298251	6.794051	639.821849	
COMB DL-G1-1----- MIN			
REL DIST	P	M2	V2
T	M3		V3
0.00000	-3.016677	-650.811981	-5.079049
-493.228561	-82.120146	-4918.693	
0.25000	-3.016677	-631.663465	-5.079049
-492.213090	-80.196210	-4443.025	
0.50000	-3.016677	-612.676322	-5.079049
-491.095881	-78.556814	-3996.325	
0.75000	-3.016677	-593.984617	-5.079049
-489.974072	-77.253677	-3576.234	
1.00000	-3.016677	-575.605465	-5.079049
-488.851598	-76.238510	-3182.081	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G1-2----- MAX			
REL DIST	P	M2	V2
T	M3		V3
0.00000	3.993268	94.223160	3.050150
598.412378	33.727482	1017.410	
0.25000	3.993268	94.628552	3.050150
597.871036	34.056787	951.270673	
0.50000	3.993268	95.471180	3.050150
597.513365	34.991002	932.884297	
0.75000	3.993268	93.175682	3.050150
597.513365	36.483787	980.047645	
1.00000	3.993268	112.009047	3.050150
597.513365	38.423948	1075.007	
COMB DL-G1-2----- MIN			
REL DIST	P	M2	V2
T	M3		V3
0.00000	-4.043739	-977.492748	-6.331958
-687.716436	-119.337569	-7714.339	
0.25000	-4.043739	-954.260629	-6.331958
-689.703811	-117.025408	-7007.839	
0.50000	-4.043739	-931.238851	-6.331958
-702.874717	-115.009150	-6337.386	
0.75000	-4.043739	-908.985557	-6.331958
-706.404437	-113.318766	-5710.570	
1.00000	-4.043739	-886.329130	-6.331958
-709.933121	-111.958642	-5124.192	
COMB DL-G1-3----- MAX			
REL DIST	P	M2	V2
T	M3		V3
0.00000	5.558593	149.424377	6.289574
858.856602	82.651094	1307.951	
0.25000	5.558593	149.803288	6.289574
857.317644	81.130441	1220.538	
0.50000	5.558593	150.580991	6.289574
856.885848	80.260385	1176.457	
0.75000	5.558593	157.793642	6.289574
856.885848	80.257687	1192.643	
1.00000	5.558593	165.857365	6.289574
856.885848	80.907301	1256.203	
COMB DL-G1-3----- MIN			
REL DIST	P	M2	V2
T	M3		V3
0.00000	-5.780778	-1001.099	-7.193875
-881.636539	-119.337569	-8340.267	
0.25000	-5.780778	-979.974462	-7.193875
-883.538930	-117.025408	-7639.210	
0.50000	-5.780778	-959.082900	-7.193875
-886.548356	-115.009150	-6971.138	
0.75000	-5.780778	-938.441536	-7.193875
-889.989705	-113.318766	-6344.390	
1.00000	-5.780778	-918.205095	-7.193875
-893.431055	-107.520108	-5762.283	
COMB DL-G2-1----- MAX			
REL DIST	P	M2	V2
T	M3		V3
0.00000	2.768527	105.887938	5.159669
430.324345	77.032433	466.004792	
0.25000	2.768527	105.795691	5.159669
428.815436	74.846502	431.964263	
0.50000	2.768527	105.914589	5.159669
429.320641	72.997110	401.061371	
0.75000	2.768527	106.043751	5.159669
428.843433	71.413076	372.931947	
1.00000	2.768527	106.181193	5.159669
428.388266	70.116608	348.335758	
COMB DL-G2-1----- MIN			
REL DIST	P	M2	V2
T	M3		V3
0.00000	-3.121658	-113.566287	-2.161983
-329.402483	-31.349054	-1290.806	
0.25000	-3.121658	-113.566287	-2.161983
-329.862758	-30.988045	-1256.018	
0.50000	-3.121658	-113.566287	-2.161983
-331.435967	-30.569941	-1231.788	
0.75000	-3.121658	-112.797922	-2.161983
-330.882678	-30.536440	-1229.154	
1.00000	-3.121658	-112.551655	-2.161983
-331.435967	-30.536440	-1230.788	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G2-2----- MAX			
REL DIST	P	M2	V2
T	M3		V3
0.00000	3.662503	149.262991	6.555499
695.134501	115.274390	897.477542	
0.25000	3.662503	149.265589	6.555499
695.095429	115.880595	853.194483	
0.50000	3.662503	149.268454	6.555499
695.110158	108.938352	774.065795	
0.75000	3.662503	149.271567	6.555499
695.093410	106.765737	729.974609	
1.00000	3.662503	149.278481	6.555499
695.087394	104.974255	728.439522	
COMB DL-G2-2----- MIN			
REL DIST	P	M2	V2
T	M3		V3
0.00000	-4.168779	-359.198815	-3.001677
-578.630868	-27.633395	-3661.652	
0.25000	-4.168779	-359.192632	-3.001677
-578.642071	-27.207614	-3452.528	
0.50000	-4.168779	-359.185458	-3.001677
-578.654108	-27.094413	-3250.318	
0.75000	-4.168779	-359.180498	-3.001677
-578.666893	-26.258262	-3064.963	
1.00000	-4.168779	-359.174629	-3.001677
-578.680358	-30.026337	-2896.202	
COMB DL-G2-3----- MAX			
REL DIST	P	M2	V2
T	M3		V3
0.00000	5.369954	176.426873	7.474077
867.383408	110.851115	1270.7466	
0.25000	5.369954	177.261100	7.474077

0.75000 4.743922 119.475042 8.447189
661.399542 66.967123 1595.342
4.00005 66.967123 138.912681 8.447189
661.399542 67.974864 1998.516

COMB DB-G2-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -5.126422 -602.279738 -5.255492
518.461152 -48.54834 -266.4405
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FRAME ELEMENT INTERNA

REL DIST T P M2 M3 V2 V3
0.25000 -5.126423 -582.498567 -5.255492
-518.461152 -50.264465 -2595.260
0.50000 -5.126423 -563.464184 -5.255492
-535.947437 -53.973124 -110.18059
0.75000 -5.126423 -544.642644 -5.255492
-568.616970 -58.431256 -2453.114
1.00000 -5.126423 -526.303753 -5.255492
-598.763470 -63.907427 -2382.950

COMB DL-G1-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 3.628751 58.309062 0.320420
245.240531 7.056352 639.99670
0.25000 3.628751 68.166141 0.320420
245.240531 10.266739 737.602535
0.50000 3.628751 79.276429 0.320420
245.240531 10.552447 84.7221795
0.75000 3.628751 91.372254 0.320420
245.240531 20.590348 964.838328
1.00000 3.628751 104.267046 0.320420
245.240531 27.125251 1067.222

COMB DL-G1-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -3.635446 -536.364643 -8.903988
-563.859073 -76.415567 -3181.315
0.25000 -3.635446 -536.364643 -8.903988
-562.255317 -69.297443 -2732.401
0.50000 -3.635446 -485.446980 -8.903988
-560.651593 -63.020965 -2332.856
0.75000 -3.635446 -460.815689 -8.903988
-559.047869 -57.493356 -1979.865
1.00000 -3.635446 -437.06127 -8.903988
-557.444144 -52.557352 -1670.512

COMB DL-G1-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 4.662574 101.711123 1.520624
427.175044 39.107333 1075.156
0.25000 4.662574 114.179056 1.520624
427.175044 41.587651 118.1843
0.50000 4.662574 128.223114 1.520624
427.175044 45.535349 1336.655
0.75000 4.662574 143.513741 1.520624
427.175044 50.724241 153.6714
1.00000 4.662574 159.830605 1.520624
427.175044 56.909018 1772.389

COMB DL-G1-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -4.832951 -819.740623 -11.062251
-748.445831 -112.433405 -5123.344
0.25000 -4.832951 -788.488121 -11.062251
-753.487507 -103.552447 -4422.905
0.50000 -4.832951 -757.730249 -11.062251
-758.529084 -95.572962 -3803.194
0.75000 -4.832951 -727.785736 -11.062251
-763.570660 -88.385846 -3258.425
1.00000 -4.832951 -698.945605 -11.062251
-768.612236 -81.849249 -2788.501

COMB DL-G1-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 6.168197 135.865763 7.446650
750.676477 81.284550 1256.244
0.25000 6.168197 147.225133 7.446650
750.676477 77.767040 1332.034
0.50000 6.168197 160.131798 7.446650
750.676477 76.519074 1474.184
0.75000 6.168197 173.956140 7.446650
750.676477 77.270634 1697.175
1.00000 6.168197 188.825329 7.446650
750.676477 79.573440 1968.751
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FRAME ELEMENT INTERNA

REL DIST T P M2 M3 V2 V3
0.00000 -6.521522 -869.266181 -10.309065
-828.466264 -107.798500 -5761.926
0.25000 -6.521522 -840.841910 -10.309065
-833.383002 -105.552447 -5020.372
0.50000 -6.521522 -812.868190 -10.309065
-838.299644 -92.934018 -4370.023
0.75000 -6.521522 -785.635718 -10.309065
-843.216286 -87.871969 -3808.614
1.00000 -6.521522 -759.409640 -10.309065
-848.132927 -85.895167 -3336.291

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 2.892579 64.179892 0.178922
506.279611 69.911600 348.149265
0.25000 2.892579 64.179892 0.178922
505.575734 62.282389 321.512430
0.50000 2.892579 64.599110 0.178922
504.905115 55.399564 317.22219
0.75000 2.892579 64.746120 0.178922
504.278762 49.216094 355.384306
1.00000 2.892579 64.967574 0.178922
503.706356 43.641267 414.223752

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -3.283608 -137.607359 -0.591623
-187.752539 -1.171454 -1230.841
0.25000 -3.283608 -137.250198 -0.591623
-188.403667 -14.014044 -1163.523
0.50000 -3.283608 -136.900541 -0.591623
-189.148501 -18.514549 -1093.072
0.75000 -3.283608 -136.562155 -0.591623
-189.876624 -22.333872 -1081.009
1.00000 -3.283608 -136.239239 -0.591623
-190.679655 -27.989975 -1067.702

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 3.795648 104.366814 11.561947
770.035040 104.979680 728.225610
0.25000 3.795648 104.370885 11.561947

770.017806 94.852600 685.336183
0.50000 3.795648 104.375441 11.561947
770.01368 94.852600 7106.49484
0.75000 3.795648 104.380409 11.561947
769.986040 77.755039 822.597583
1.00000 3.795648 104.385724 11.561947
769.971998 70.542436 994.196187

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -4.370511 -357.066592 -1.368860
-383.159765 -29.902422 -2896.918
0.25000 -4.370511 -357.066592 -1.368860
-383.175592 -31.923087 -2592.827
0.50000 -4.370511 -357.049729 -1.368860
-383.192874 -35.573216 -2358.740
0.75000 -4.370511 -357.041658 -1.368860
-383.211385 -40.705612 -2127.594
1.00000 -4.370511 -357.033958 -1.368860
-383.230905 -46.894056 -1971.595

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 5.878259 144.086075 10.869984
863.353160 105.008374 1177.827
0.25000 5.878259 153.518773 10.869984
836.931600 98.173989 1332.034
0.50000 5.878259 164.137198 10.869984
814.506466 92.916121 174.184
0.75000 5.878259 175.693072 10.869984
812.723430 89.100280 169.175
1.00000 5.878259 188.825329 10.869984
812.634385 86.707801 1748.618
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FRAME ELEMENT INTERNA

REL DIST T P M2 M3 V2 V3
0.00000 -6.400225 -737.104118 -6.986598
-633.260502 -77.936145 -5089.174
0.25000 -6.400225 -715.241741 -6.986598
-646.897060 -75.513196 -4513.255
0.50000 -6.400225 -693.783275 -6.986598
-678.392708 -74.989471 -4012.544
0.75000 -6.400225 -672.930254 -6.986598
-712.110516 -76.165032 -3567.595
1.00000 -6.400225 -652.925212 -6.986598
-746.745895 -78.568072 -3215.326

COMB DL-G2-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 4.896189 81.792039 8.915499
675.333010 66.834879 800.326618
0.25000 4.896189 87.028202 8.915499
659.99102 65.890170 1072.471
0.50000 4.896189 104.861395 8.915499
661.399542 65.851849 1413.012
0.75000 4.896189 125.965251 8.915499
675.333010 66.571723 186.707
1.00000 4.896189 148.597217 8.915499
661.399542 71.052149 2318.038

COMB DB ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 4.896189 81.792039 8.915499
675.333010 66.834879 800.326618
0.25000 4.896189 87.028202 8.915499
659.99102 65.890170 1072.471
0.50000 4.896189 104.861395 8.915499
661.399542 65.851849 1413.012
0.75000 4.896189 125.965251 8.915499
675.333010 66.571723 186.707
1.00000 4.896189 148.597217 8.915499
661.399542 71.052149 2318.038

COMB DB ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -5.129983 -712.835372 -8.574047
-673.629669 -68.054924 -3013.007
0.25000 -5.129983 -688.136395 -8.574047
-673.629669 -68.054924 -3013.007
0.50000 -5.129983 -663.621495 -8.574047
-673.629669 -60.807817 -2774.845
0.75000 -5.129983 -639.403630 -8.574047
-673.629669 -58.431256 -2651.197
1.00000 -5.129983 -615.824504 -8.574047
-673.629669 -63.907427 -2538.370

COMB DL ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 6.168197 144.086075 11.561947
863.353160 105.008374 1256.244
0.25000 6.168197 153.518773 11.561947
836.931600 98.173989 1332.034
0.50000 6.168197 164.137198 11.561947
814.506466 92.916121 174.184
0.75000 6.168197 175.693072 11.561947
812.723430 89.100280 169.175
1.00000 6.168197 188.825329 11.561947
812.634385 86.707801 1968.751

COMB DL ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.521522 -869.266181 -11.062251
-828.466264 -107.798500 -5761.926
0.25000 -6.521522 -840.841910 -11.062251
-833.383002 -105.552447 -5020.372
0.50000 -6.521522 -812.868190 -11.062251
-838.299644 -92.934018 -4370.023
0.75000 -6.521522 -785.635718 -11.062251
-843.216286 -88.385846 -3808.614
1.00000 -6.521522 -759.409640 -11.062251
-848.132927 -85.895167 -3336.291

COMB CAR ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 6.168197 144.086075 11.561947
863.353160 105.008374 1256.244
0.25000 6.168197 153.518773 11.561947
836.931600 98.173989 1332.034
0.50000 6.168197 164.137198 11.561947
814.506466 92.916121 174.184
0.75000 6.168197 175.693072 11.561947
812.723430 89.100280 1862.577
1.00000 6.168197 188.825329 11.561947
812.634385 86.707801 2318.038
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FRAME ELEMENT INTERNA

REL DIST T P M2 M3 V2 V3
0.00000 -6.521522 -869.266181 -11.062251
-828.466264 -107.798500 -5761.926
0.25000 -6.521522 -840.841910 -11.062251
-833.383002 -105.552447 -5020.372
0.50000 -6.521522 -812.868190 -11.062251
-838.299644 -92.934018 -4370.023
0.75000 -6.521522 -785.635718 -11.062251
-843.216286 -88.385846 -3808.614
1.00000 -6.521522 -759.409640 -11.062251
-848.132927 -85.895167 -3336.291

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 6.168197 144.086075 11.561947
863.353160 105.008374 1256.244
0.25000 6.168197 153.518773 11.561947

836.931600 98.173989 1332.034
0.50000 6.168197 164.137198
0.75000 6.168197 175.693072
812.723430 89.100280 1862.577
1.00000 6.168197 188.825329
812.634385 86.707801 2318.038

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.521522 -869.266181 -11.062251
-828.466264 -112.433405 -5761.926
0.25000 -6.521522 -840.841910 -11.062251
-833.383002 -105.552447 -5020.372
0.50000 -6.521522 -812.868190 -11.062251
-838.299644 -95.572962 -4370.023
0.75000 -6.521522 -785.635718 -11.062251
-843.216286 -88.385846 -3808.614
1.00000 -6.521522 -759.409640 -11.062251
-848.132927 -85.895167 -3336.291

ELEM 12 ----- LENGTH

5.049565

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 3.099683 69.808090 0.175110
73.490090 32.557142 1349.598
0.25000 3.099683 88.329322 0.175110
73.490090 36.695422 1566.796
0.50000 3.099683 108.166723 0.175110
73.490090 41.689496 1756.280
0.75000 3.099683 129.085300 0.175110
73.490090 47.566020 1917.457
1.00000 3.099683 150.631028 0.175110
73.490090 54.220263 2050.809

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -3.085661 -388.792970 -6.872789
-433.974496 -34.042995 -1206.294
0.25000 -3.085661 -366.758706 -6.872789
-433.974496 -30.684641 -1134.869
0.50000 -3.085661 -344.6671 -6.872789
-433.974496 -27.338900 -1063.445
0.75000 -3.085661 -323.006545 -6.872789
-433.974496 -23.993220 -992.020192
1.00000 -3.085661 -302.095454 -6.872789
-433.974496 -20.679183 -920.725276

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 3.978829 105.140094 1.220778
228.546836 3.978829 105.140094
0.25000 3.978829 126.297619 1.220778
228.546836 63.140649 2484.456
0.50000 3.978829 153.076790 1.220778
228.546836 67.552697 2784.039
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FRAME ELEMENT INTERNA

REL DIST T P M2 M3 V2 V3
0.00000 3.978829 179.177374 1.220778
228.546836 73.047059 3080.899
0.25000 3.978829 206.465744 1.220778
228.546836 79.326998 3365.525

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -4.214600 -593.291552 -8.640484
-520.633717 -42.14600 -357.644547
0.25000 -4.214600 -565.427900 -8.640484
-612.476317 -49.817566 -1954.756
0.50000 -4.214600 -537.933619 -8.640484
-650.633717 -49.817566 -1954.756
0.75000 -4.214600 -510.971888 -8.640484
-612.476317 -41.152189 -1738.937
1.00000 -4.214600 -484.937196 -8.640484
-612.476317 -36.819499 -1631.228

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 5.328784 121.146087 5.804638
499.026329 71.566766 2318.040
0.25000 5.328784 142.169592 5.804638
499.026329 72.720060 2668.620
0.50000 5.328784 164.664511 5.804638
499.026329 75.000400 3028.501
0.75000 5.328784 187.158

484.986766 36.552898 478.529523
0.50000 3.025601 46.784230
484.345144 32.450227 564.751878
0.75000 3.025601 47.016216
483.748959 34.212894 681.034522
1.00000 3.025601 47.261397
483.209199 19.757708 829.116437

COMB DL-G2-1----- MIN

REL DIST T M2 M3 V3
0.00000 -3.485494 -138.797217 -0.619183
-82.939251 -27.743369 -1067.575
0.25000 -3.485494 -138.797217 -0.619183
-83.598206 -30.915656 -1025.792
0.50000 -3.485494 -138.797217 -0.619183
-84.313716 -35.275884 -1001.947
0.75000 -3.485494 -137.804787 -0.619183
-85.075119 -41.115066 -1005.432
1.00000 -3.485494 -137.502210 -0.619183
-85.872039 -47.762969 -1032.629
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2----- MAX

REL DIST T M2 M3 V3
0.00000 4.020811 93.694919 12.096198
737.734910 70.642081 992.220294
0.25000 4.020811 93.694919 12.096198
737.718304 61.384804 1108.507
0.50000 4.020811 93.704772 12.096198
737.702558 53.170249 1235.127
0.75000 4.020811 93.710329 12.096198
737.687917 46.081821 1540.378
1.00000 4.020811 93.716203 12.096198
737.674642 39.742296 1875.030

COMB DL-G2-2----- MIN

REL DIST T M2 M3 V3
0.00000 -4.744023 -329.236915 -1.554293
-261.128161 -46.576871 -1971.655
0.25000 -4.744023 -329.236915 -1.554293
-261.144184 -49.661923 -1816.696
0.50000 -4.744023 -329.220828 -1.554293
-261.161575 -54.300539 -1719.538
0.75000 -4.744023 -329.213218 -1.554293
-261.180084 -60.660324 -1696.132
1.00000 -4.744023 -329.205996 -1.554293
-261.199460 -68.110343 -1758.708

COMB DL-G2-3----- MAX

REL DIST T M2 M3 V3
0.00000 6.442952 156.405094 11.346776
776.880482 87.426472 1747.352
0.25000 6.442952 156.427258 11.346776
776.883092 87.426472 1915.188
0.50000 6.442952 160.148747 11.346776
730.439315 77.446251 2246.633
0.75000 6.442952 193.510900 11.346776
725.289086 68.110343 2597.560
1.00000 6.442952 207.607061 11.346776
725.289086 73.309169 3049.857

COMB DL-G2-3----- MIN

REL DIST T M2 M3 V3
0.00000 -7.195381 -635.214559 -7.401137
-514.988520 -78.611373 -3215.100
0.25000 -7.195381 -614.607753 -7.401137
-543.782251 -77.409910 -2921.589
0.50000 -7.195381 -594.496988 -7.401137
-575.246109 -77.962237 -2643.219
0.75000 -7.195381 -575.122690 -7.401137
-608.692173 -80.348130 -2526.319
1.00000 -7.195381 -556.651626 -7.401137
-642.048599 -83.982812 -2550.004

COMB DB----- MAX

REL DIST T M2 M3 V3
0.00000 5.328784 121.146087 9.848518
631.467891 71.566766 2318.040
0.25000 5.328784 142.169592 9.848518
625.354496 72.720360 2668.620
0.50000 5.328784 164.516811 9.848518
625.323177 75.000400 3026.501
0.75000 5.328784 188.358004 9.848518
625.292743 78.525956 3391.514
1.00000 5.328784 213.240826 9.848518
625.264222 82.827075 3751.539

COMB DB----- MIN

REL DIST T M2 M3 V3
0.00000 -5.651582 -629.275170 -8.640484
-612.476317 -63.377861 -2538.330
0.25000 -5.651582 -603.965099 -8.640484
-612.476317 -65.195011 -2430.720
0.50000 -5.651582 -579.011919 -8.640484
-612.476317 -67.131398 -2293.911
0.75000 -5.651582 -554.538984 -8.640484
-612.476317 -71.267526 -2215.656
1.00000 -5.651582 -530.907302 -8.640484
-612.476317 -75.366165 -2108.318
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FRAME ELEMENT INTERNAL FORCES

COMB DL----- MAX

REL DIST T M2 M3 V3
0.00000 6.819505 167.448587 12.096198
776.880482 87.426472 1968.406
0.25000 6.819505 181.504751 12.096198
752.983092 81.705584 2218.851
0.50000 6.819505 196.292541 12.096198
737.702558 78.834798 2519.213
0.75000 6.819505 213.477640 12.096198
737.687917 82.119027 2887.988
1.00000 6.819505 230.915636 12.096198
737.674642 85.440530 3365.545

COMB DL----- MIN

REL DIST T M2 M3 V3
0.00000 -7.425732 -727.315955 -11.696228
-729.126685 -86.062949 -3335.429
0.25000 -7.425732 -700.817300 -11.696228
-734.043493 -81.313307 -2966.876
0.50000 -7.425732 -674.879036 -11.696228
-738.960300 -86.126917 -2686.986
0.75000 -7.425732 -649.823484 -11.696228
-743.877108 -80.348130 -2526.319
1.00000 -7.425732 -625.851625 -11.696228
-748.793915 -83.982812 -2550.004

COMB CAR----- MAX

REL DIST T M2 M3 V3
0.00000 6.819505 167.448587 12.096198
776.880482 87.426472 2318.040
0.25000 6.819505 181.504751 12.096198

752.983092 81.705584 2668.620
0.50000 6.819505 196.292541 12.096198
737.702558 78.834798 3026.501
0.75000 6.819505 213.477640 12.096198
737.687917 82.119027 3391.514
1.00000 6.819505 230.915636 12.096198
737.674642 85.440530 3751.539

COMB CAR----- MIN

REL DIST T M2 M3 V3
0.00000 -7.425732 -727.315955 -11.696228
-729.126685 -86.062949 -3335.429
0.25000 -7.425732 -700.817300 -11.696228
-734.043493 -81.313307 -2966.876
0.50000 -7.425732 -674.879036 -11.696228
-738.960300 -86.126917 -2686.986
0.75000 -7.425732 -649.823484 -11.696228
-743.877108 -80.348130 -2526.319
1.00000 -7.425732 -625.851625 -11.696228
-748.793915 -83.982812 -2550.004

COMB DESIGN----- MAX

REL DIST T M2 M3 V3
0.00000 6.819505 167.448587 12.096198
776.880482 87.426472 2318.040
0.25000 6.819505 181.504751 12.096198
752.983092 81.705584 2668.620
0.50000 6.819505 196.292541 12.096198
737.702558 78.834798 3026.501
0.75000 6.819505 213.477640 12.096198
737.687917 82.119027 3391.514
1.00000 6.819505 230.915636 12.096198
737.674642 85.440530 3751.539

COMB DESIGN----- MIN

REL DIST T M2 M3 V3
0.00000 -7.425732 -727.315955 -11.696228
-729.126685 -86.062949 -3335.429
0.25000 -7.425732 -700.817300 -11.696228
-734.043493 -81.313307 -2966.876
0.50000 -7.425732 -674.879036 -11.696228
-738.960300 -86.126917 -2686.986
0.75000 -7.425732 -649.823484 -11.696228
-743.877108 -80.348130 -2526.319
1.00000 -7.425732 -625.851625 -11.696228
-748.793915 -83.982812 -2550.004
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FRAME ELEMENT INTERNAL FORCES

ELEM 13----- LENGTH

= 5.048862

COMB DB-G1-1----- MAX

REL DIST T M2 M3 V3
0.00000 3.439398 112.740173 1.595264
48.497825 54.963500 2052.068
0.25000 3.439398 132.147872 1.595264
48.497825 56.679398 2207.865
0.50000 3.439398 152.829522 1.595264
48.497825 59.443504 2333.622
0.75000 3.439398 174.481251 1.595264
48.497825 63.264777 2597.849
1.00000 3.439398 196.655789 1.595264
48.497825 68.056619 2496.201

COMB DB-G1-1----- MIN

REL DIST T M2 M3 V3
0.00000 -3.486178 -342.150135 -5.958825
-367.238143 -20.842040 -920.902853
0.25000 -3.486178 -319.698917 -5.958825
-367.238143 -18.290077 -867.563935
0.50000 -3.486178 -287.335654 -5.958825
-367.238143 -15.782582 -814.225017
0.75000 -3.486178 -275.541295 -5.958825
-367.238143 -13.304763 -760.886099
1.00000 -3.486178 -254.634488 -5.958825
-367.238143 -10.938020 -707.547263

COMB DB-G1-2----- MAX

REL DIST T M2 M3 V3
0.00000 4.369147 166.556239 2.934064
210.831934 80.330738 3365.638
0.25000 4.369147 190.800030 2.934064
210.831934 80.895409 3576.434
0.50000 4.369147 216.610500 2.934064
210.831934 82.704886 3770.25
0.75000 4.369147 243.624949 2.934064
210.831934 85.856796 3971.527
1.00000 4.369147 271.710728 2.934064
210.831934 90.070775 4150.474

COMB DB-G1-2----- MIN

REL DIST T M2 M3 V3
0.00000 -4.687806 -519.751990 -7.682412
-536.864555 -36.999006 -1631.660
0.25000 -4.687806 -491.327579 -7.682412
-536.864555 -33.614061 -1543.450
0.50000 -4.687806 -463.467906 -7.682412
-536.864555 -30.421227 -1436.295641
0.75000 -4.687806 -436.289048 -7.682412
-536.864555 -27.419975 -1367.831
1.00000 -4.687806 -401.223038 -7.682412
-546.907308 -24.653837 -1280.022

COMB DB-G1-3----- MAX

REL DIST T M2 M3 V3
0.00000 5.758215 176.463022 6.688167
441.528315 83.673291 3751.540
0.25000 5.758215 198.471963 6.688167
441.528315 82.816876 4003.694
0.50000 5.758215 221.902490 6.688167
441.528315 83.131687 4255.493
0.75000 5.758215 246.425337 6.688167
441.528315 84.739983 4510.885
1.00000 5.758215 271.935693 6.688167
441.528315 87.431553 4751.001

COMB DB-G1-3----- MIN

REL DIST T M2 M3 V3
0.00000 -6.184549 -547.400171 -7.748641
-498.139016 -61.665256 -2108.201
0.25000 -6.184549 -521.583355 -7.748641
-498.139016 -59.930625 -2002.483
0.50000 -6.184549 -496.294523 -7.748641
-498.139016 -59.045849 -1904.366
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.00000 6.184549 -547.400171 -7.748641
-498.139016 -59.151816 -2002.483
0.25000 -6.184549 -521.583355 -7.748641
-498.139016 -59.045849 -1904.366
0.50000 6.184549 -496.294523 -7.748641
-498.139016 -59.930625 -2002.483
0.75000 6.184549 -471.632862 -7.748641
-498.139016 -59.151816 -2002.483
1.00000 6.184549 -447.961316 -7.748641
-509.894133 -60.073474 -1700.531

COMB DB-G2-1----- MAX

REL DIST T M2 M3 V3
0.00000 2.595325 32.456374 5.943186
327.991850 9.536772 776.065950
0.25000 2.595325 32.740273 5.943186
326.974438 8.074497 851.202539
0.50000 2.595325 33.041443 5.943186
326.131390 7.131795 932.337974
0.75000 2.595325 33.355899 5.943186
325.750716 6.000234 1018.5222
1.00000 2.595325 33.704374 5.943186
324.556180 5.940454 1107.945

COMB DB-G2-1----- MIN

REL DIST T M2 M3 V3
0.00000 -3.005762 -88.009393 -1.792844
-42.274883 -50.418289 -743.918634
0.25000 -3.005762 -87.658000 -1.792844
-43.635375 -53.786177 -719.374262
0.50000 -3.005762 -87.335590 -1.792844
-43.98234 -53.718677 -694.907604
0.75000 -3.005762 -87.020522 -1.792844
-44.077135 -57.098588 -670.440947
1.00000 -3.005762 -86.717272 -1.792844
-45.791108 -61.490069 -645.974289

COMB DB-G2-2----- MAX

REL DIST T M2 M3 V3
0.00000 3.437861 69.937754 7.892665
548.529993 27.914761 1889.783
0.25000 3.437861 69.948273 7.892665
548.492246 24.381236 2002.056
0.50000 3.437861 69.959431 7.892665
548.469020 20.952669 2153.607
0.75000 3.437861 69.970102 7.892665
548.430993 17.635990 2343.872
1.00000 3.437861 69.983995 7.892665
548.402478 14.480527 2566.701

COMB DB-G2-2----- MIN

REL DIST T M2 M3 V3
0.00000 -4.124706 -212.701647 -2.693900
-182.858293 -62.839344 -1450.796
0.25000 -4.124706 -212.688625 -2.693900
-182.805890 -69.963569 -1395.259
0.50000 -4.124706 -212.676680 -2.693900
-182.836854 -72.346740 -1329.773
0.75000 -4.124706 -212.665007 -2.693900
-182.869258 -76.142922 -1284.286
1.00000 -4.124706 -212.653770 -2.693900
-182.907077 -81.123579 -1228.799

COMB DB-G2-3----- MAX

REL DIST T M2 M3 V3
0.00000 5.444861 152.047621 8.484840
571.454170 65.409871 3318.842
0.25000 5.444861 169.298966 8.484840
549.142366 62.567648 3548.048
0.50000 5.444861 187.615648 8.484840
533.187357 60.803002 3786.921
0.75000 5.444861 206.127149 8.484840
533.187357 60.957227 4033.084
1.00000 5.444861 227.267975 8.484840
533.187357 60.058189 4276.675

COMB DB-G2-3----- MIN

REL DIST T M2 M3 V3
0.00000 -6.068302 -471.680471 -6.349470
-345.128997 -75.616281 -2049.103
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.25000 6.068302 -450.977591 -6.349470
-373.306603 -75.346095 -1957.620
0.50000 6.068302 -431.265685 -6.349470
-402.436835 -76.253321 -1866.184
0.75000 6.068302 -412.026495 -6.349470
-431.999580 -78.476063 -1774.747
1.00000 6.068302 -393.536255 -6.349470
-477.409203 -81.792506 -1683.311

COMB DL-G1-1----- MAX

REL DIST T M2 M3 V3
0.00000 4.610779 117.339196 1.312315
68.238885 52.189180 1744.791
0.25000 4.610779 131.685611 1.312315
68.238885 55.0065 195.376
0.50000 4.610779 147.224344 1.312315
68.238885 59.630583 2133.630
0.75000 4.610779 163.716358 1.312315
68.238885 64.488426 2271.747
1.00000 4.610779 180.969361 1.312315
68.2388

634.096797 86.765836 3754.848
0.50000 7.427493 241.056900
611.800448 86.834352 3751.540
0.75000 7.427493 223.547506
611.785630 91.375360 4740.034
1.00000 7.427493 279.161001
611.772126 96.458406 4788.231

COMB DL----- MIN

REL DIST T M2 M3 V3
0.00000 -8.322980 -605.952666 -9.884440
-608.459929 -84.025263 -2549.613
0.25000 -8.322980 -580.985427 -9.884440
-613.500973 -84.137706 -2567.794
0.50000 -8.322980 -556.620177 -9.884440
-618.542017 -85.629456 -2586.933
0.75000 -8.322980 -533.162128 -9.884440
-623.583062 -88.204591 -2591.119
1.00000 -8.322980 -510.882086 -9.884440
-628.624106 -91.632237 -2612.902

COMB CAR----- MAX

REL DIST T M2 M3 V3
0.00000 7.427493 207.409262 10.284339
658.031916 86.834352 3751.540
0.25000 7.427493 223.547506 10.284339
634.096797 86.765836 3754.848
0.50000 7.427493 241.056900 10.284339
611.800448 86.834352 3751.540
0.75000 7.427493 223.547506 10.284339
611.785630 91.375360 4740.034
1.00000 7.427493 279.161001 10.284339
611.772126 96.458406 4788.231
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COMB CAR----- MIN

REL DIST T M2 M3 V3
0.00000 -8.322980 -605.952666 -9.884440
-608.459929 -84.025263 -2549.613
0.25000 -8.322980 -580.985427 -9.884440
-613.500973 -84.137706 -2567.794
0.50000 -8.322980 -556.620177 -9.884440
-618.542017 -85.629456 -2586.933
0.75000 -8.322980 -533.162128 -9.884440
-623.583062 -88.204591 -2591.119
1.00000 -8.322980 -510.882086 -9.884440
-628.624106 -91.632237 -2612.902

COMB DESIGN----- MAX

REL DIST T M2 M3 V3
0.00000 7.427493 207.409262 10.284339
658.031916 86.834352 3751.540
0.25000 7.427493 223.547506 10.284339
634.096797 86.765836 3754.848
0.50000 7.427493 241.056900 10.284339
611.800448 86.834352 3751.540
0.75000 7.427493 223.547506 10.284339
611.785630 91.375360 4740.034
1.00000 7.427493 279.161001 10.284339
611.772126 96.458406 4788.231

COMB DESIGN----- MIN

REL DIST T M2 M3 V3
0.00000 -8.322980 -605.952666 -9.884440
-608.459929 -84.025263 -2549.613
0.25000 -8.322980 -580.985427 -9.884440
-613.500973 -84.137706 -2567.794
0.50000 -8.322980 -556.620177 -9.884440
-618.542017 -85.629456 -2586.933
0.75000 -8.322980 -533.162128 -9.884440
-623.583062 -88.204591 -2591.119
1.00000 -8.322980 -510.882086 -9.884440
-628.624106 -91.632237 -2612.902

ELEM = 5.049220

COMB DB-G1-1----- MAX

REL DIST T M2 M3 V3
0.00000 7.737371 147.60108 3.276641
61.251423 68.721197 2497.138
0.25000 7.737371 167.696128 3.276641
61.251423 68.211197 2598.144
0.50000 7.737371 188.970639 3.276641
61.251423 68.769911 2667.690
0.75000 7.737371 211.159078 3.276641
61.251423 70.529003 2705.242
1.00000 7.737371 233.794360 3.276641
61.251423 73.418208 2712.959

COMB DB-G1-1----- MIN

REL DIST T M2 M3 V3
0.00000 -3.880514 -304.424642 -5.011773
-267.924884 -8.916570 -662.96080
0.25000 -3.880514 -281.616222 -5.011773
-267.924884 -9.816570 -662.96080
0.50000 -3.880514 -258.999776 -5.011773
-267.924884 -10.724249 -678.1485454
0.75000 -3.880514 -231.616222 -5.011773
-267.924884 -11.634573 -693.703015
1.00000 -3.880514 -216.153990 -5.011773
-267.924884 -12.544573 -709.95744

COMB DB-G1-2----- MAX

REL DIST T M2 M3 V3
0.00000 4.735940 223.944278 4.796683
209.738396 91.001420 4151.333
0.25000 4.735940 249.004236 4.796683
209.738396 89.323487 4270.523
0.50000 4.735940 275.564374 4.796683
209.738396 88.515833 4371.873
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T M2 M3 V3

0.75000 4.735940 303.243024 4.796683
209.738396 89.400418 4465.633
1.00000 4.735940 331.912005 4.796683
209.738396 91.561130 4543.804

COMB DB-G1-2----- MIN

REL DIST T M2 M3 V3
0.00000 -5.152514 -455.220359 -6.649866
-425.020144 -24.667737 -1279.849
0.25000 -5.152514 -426.342645 -6.649866
-425.020144 -25.920944 -1291.385
0.50000 -5.152514 -398.148217 -6.649866
-425.020144 -27.169335 -1232.921
0.75000 -5.152514 -370.794867 -6.649866
-425.020144 -28.419197 -1045.957
1.00000 -5.152514 -344.693320 -6.649866
-438.839477 -17.907746 -968.034261

COMB DB-G1-3----- MAX

REL DIST T M2 M3 V3
0.00000 6.182133 227.407749 7.732063
378.137014 88.312265 4750.967
0.25000 6.182133 250.157843 7.732063
378.137014 85.818101 4891.568
0.50000 6.182133 274.269053 7.732063
378.137014 84.467379 5020.056
0.75000 6.182133 299.394889 7.732063
378.137014 84.474743 5198.183
1.00000 6.182133 325.434918 7.732063
378.137014 85.662700 5263.902

COMB DB-G1-3----- MIN

REL DIST T M2 M3 V3
0.00000 -6.716706 -467.541668 -8.071388
-436.994863 -59.984745 -1700.377
0.25000 -6.716706 -441.312376 -8.071388
-436.994863 -59.050628 -1601.124
0.50000 -6.716706 -415.179910 -8.071388
-436.994863 -56.872449 -1501.870
0.75000 -6.716706 -390.888631 -8.071388
-436.994863 -56.821332 -1402.617
1.00000 -6.716706 -367.194087 -8.071388
-452.169700 -57.484902 -1303.421

COMB DB-G2-1----- MAX

REL DIST T M2 M3 V3
0.00000 2.723105 33.064152 5.076563
233.475144 5.930340 1106.964
0.25000 2.723105 33.367939 5.076563
232.457649 5.524152 1145.356
0.50000 2.723105 33.669254 5.076563
231.585777 5.124660 1188.999
0.75000 2.723105 33.990281 5.076563
230.752244 4.741726 1238.006
1.00000 2.723105 34.345954 5.076563
229.982087 4.366302 1290.268

COMB DB-G2-1----- MIN

REL DIST T M2 M3 V3
0.00000 -3.208384 -63.509585 -3.366013
-44.597475 -61.485155 -64.051621
0.25000 -3.208384 -63.151833 -3.366013
-45.377115 -60.649751 -61.2489037
0.50000 -3.208384 -62.424588 -3.366013
-46.204044 -59.702553 -61.922854
0.75000 -3.208384 -62.506538 -3.366013
-47.072454 -62.611977 -62.5536387
1.00000 -3.208384 -62.202204 -3.366013
-48.088059 -65.413840 -511.851026

COMB DB-G2-2----- MAX

REL DIST T M2 M3 V3
0.00000 3.561796 84.891090 6.817775
437.833628 14.558070 2559.335
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T M2 M3 V3
0.25000 3.561796 84.901975 6.817775
437.795876 12.413812 2600.424
0.50000 3.561796 84.913465 6.817775
437.763530 11.456777 2672.379
0.75000 3.561796 84.925403 6.817775
437.732605 10.841961 2782.641
1.00000 3.561796 84.938583 6.817775
437.703990 10.224423 2921.227

COMB DB-G2-2----- MIN

REL DIST T M2 M3 V3
0.00000 -4.352060 -162.380801 -4.657572
-203.218662 -81.041030 -1228.761
0.25000 -4.352060 -162.361361 -4.657572
-203.247591 -79.553476 -1162.351
0.50000 -4.352060 -162.355419 -4.657572
-203.278302 -79.548564 -1095.942
0.75000 -4.352060 -162.339432 -4.657572
-203.310488 -81.133531 -1029.532
1.00000 -4.352060 -162.332360 -4.657572
-203.348169 -84.119327 -963.172644

COMB DB-G2-3----- MAX

REL DIST T M2 M3 V3
0.00000 5.796764 192.945411 8.551373
520.363352 60.641063 4275.838
0.25000 5.796764 210.775662 8.551373
520.363352 58.062902 4398.172
0.50000 5.796764 229.640164 8.551373
520.363352 57.267847 4522.022
0.75000 5.796764 249.274324 8.551373
520.363352 57.802715 4650.237
1.00000 5.796764 270.188773 8.551373
520.363352 59.017676 4776.411

COMB DB-G2-3----- MIN

REL DIST T M2 M3 V3
0.00000 -6.546211 -396.824947 -7.589729
-300.474201 -81.732744 -1688.196
0.25000 -6.546211 -375.771528 -7.589729
-332.134563 -79.752718 -1637.689
0.50000 -6.546211 -354.797439 -7.589729
-360.726449 -79.036649 -1492.163
0.75000 -6.546211 -336.405037 -7.589729
-383.282365 -79.739300 -1396.676
1.00000 -6.546211 -317.877627 -7.589729
-438.031517 -81.828821 -1301.242

COMB DL-G1-1----- MAX

REL DIST T M2 M3 V3
0.00000 5.055328 145.403528 7.262431
86.480831 71.241762 2380.749
0.25000 5.055328 161.350199 7.262431
86.480831 72.292617 2524.427
0.50000 5.055328 178.479817 7.262431
86.480831 73.895441 2625.961
0.75000 5.055328 196.543364 7.262431
86.480831 76.166882 2693.246
1.00000 5.055328 215.287333 7.262431
86.480831 78.982524 2726.776

COMB DL-G1-1----- MIN

REL DIST T M2 M3 V3
0.00000 -5.455526 -296.798178 -5.617202
-296.798178 -10.054709 -1104.707
0.25000 -5.455526 -275.597128 -5.617202
-293.238021 -16.305952 -1088.585
0.50000 -5.455526 -254.968284 -5.617202
-291.634352 -15.688534 -1083.905
0.75000 -5.455526 -235.174010 -5.617202
-290.030683 -12.900508 -1099.374
1.00000 -5.455526 -216.486856 -5.617202
-288.427014 -12.234677 -1104.707
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2----- MAX

REL DIST T M2 M3 V3
0.00000 6.525038 235.969093 4.584752
248.494219 98.280211 4022.980
0.25000 6.525038 255.588696 4.584752
247.645230 98.686872 4212.286
0.50000 6.525038 276.708696 4.584752
247.645230 99.849427 4373.264
0.75000 6.525038 299.053286 4.584752
247.645230 101.893088 4512.818
1.00000 6.525038 322.200181 4.584752
247.645230 104.593749 4620.931

COMB DL-G1-2----- MIN

REL DIST T M2 M3 V3
0.00000 -7.355616 -460.483149 -7.763659
-465.629570 -37.005689 1958.623
0.25000 -7.355616 -434.354829 -7.763659
-469.821984 -34.485055 -1972.217
0.50000 -7.355616 -408.959058 -7.763659
-474.863386 -32.194259 1985.644
0.75000 -7.355616 -384.634415 -7.763659
-479.904788 -30.105466 -1999.251
1.00000 -7.355616 -361.700926 -7.763659
-487.468017 -28.120530 -2012.762

COMB DL-G1-3----- MAX

REL DIST T M2 M3 V3
0.00000 8.007002 254.479889 9.182776
564.408183 98.280211 4788.475
0.25000 8.007002 272.334841 9.182776
538.483912 98.686872 5016.957
0.50000 8.007002 291.576195 9.182776
513.682472 98.849427 5221.812
0.75000 8.007002 311.894733 9.182776
490.831578 101.893088 5408.358
1.00000 8.007002 333.000662 9.182776
476.283977 104.593749 5566.237

COMB DL-G1-3----- MIN

REL DIST T M2 M3 V3
0.00000 -9.131274 -499.679238 -8.845294
-476.278503 -91.873834 -2612.818
0.25000 -9.131274 -475.900539 -8.845294
-480.209599 -91.768820 -2637.525
0.50000 -9.131274 -452.790227 -8.845294
-485.118248 -91.219768 -2662.035
0.75000 -9.131274 -430.656083 -8.845294
-490.034720 -91.449239 -2686.807
1.00000 -9.131274 -409.789546 -8.845294
-499.947163 -92.147479 -2711.425

COMB DL-G2-1----- MAX

REL DIST T M2 M3 V3
0.00000 3.305478 50.095862 5.827660
265.318668 8.258105 1292.506
0.25000 3.305478 50.333139 5.827660
263.923872 7.936389 1322.442
0.50000 3.305478 50.590448 5.827660
263.942371 7.224080 1427.371
0.75000 3.305478 50.663660 5.827660
262.746021 6.198516 1498.102
1.00000 3.305478 51.149220 5.827660
262.746157 7.215965 1566.384

COMB DL-G2-1----- MIN

REL DIST T M2 M3 V3
0.00000 -9.340817 -96.680361 -3.064766
-61.323440 -64.072393 -1028.833
0.25000 -9.340817 -96.364393 -3.064766
-61.616811 -63.726947 -1030.073
0.50000 -9.340817 -96.059361 -3.064766
62.627157 -96.928233 -1040.014
0.75000 -9.340817 -95.768979 -3.064766
-63.353858 -97.492638 -1055.505
1.00000 -9.340817 -95.497401 -3.064766
-64.114215 -97.674388 -1071.111
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2----- MAX

REL DIST T M2 M3 V3
0.00000 4.428120 122.743720 7.838420
474.822013 21.963939 2814.990
0.25000 4.428120 122.749933 7.838420
474.807553 19.846590 2925.657
0.50000 4.428120 122.755547 7.838420
474.788306 18.584282 3050.967
0.75000 4.428120 122.762082 7.838420
474.772959 18.082662 3197.802
1.00000 4.428120 122.768914 7.838420
474.758981 17.878337 3355.227

COMB DL-G2-2----- MIN

REL DIST T M2 M3 V3
0.00000 -5.489885 -222.117811 -4.

0.00000 5.165785 281.916939 6.131853
317.550687 92.329758 4544.111
0.25000 5.165785 307.689857 6.131853
303.691055 88.880020 4564.596
0.50000 5.165785 334.870336 6.131853
303.691055 87.568074 4563.837
0.75000 5.165785 363.059513 6.131853
303.691055 88.461778 4566.458
1.00000 5.165785 392.102650 6.131853
303.691055 91.468412 4548.294

COMB DB-G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -5.572603 -393.469716 -5.736311
-303.347541 -17.833291 -967.798970
0.50000 -5.572603 -364.421589 -5.736311
-303.347252 -16.859231 -893.770393
0.50000 -5.572603 -336.223512 -5.736311
-303.347252 -15.502264 -854.014708
0.75000 -5.572603 -309.027638 -5.736311
-303.347252 -14.405322 -831.680190
1.00000 -5.572603 -283.237860 -5.736311
-317.268589 -13.867309 -1009.306

COMB DB-G1-3 MAX
REL DIST P M2 V2 V3
0.00000 6.688266 286.922275 8.361647
407.189207 6.6824257 5263.946
0.25000 6.688266 310.318063 8.361647
391.969894 6.688266 334.992782 8.361647
391.969894 81.102832 5273.760
0.75000 6.688266 360.580662 8.361647
391.969894 82.413339 5271.442
1.00000 6.688266 386.960315 8.361647
391.970163 85.599267 5270.104

COMB DB-G1-3 MIN
REL DIST P M2 V2 V3
0.00000 -7.225406 -388.855786 -8.075984
-392.903587 -57.578689 -1303.276
0.25000 -7.225406 -362.466289 -8.075984
-392.903310 -55.200798 -1205.053
0.50000 -7.225406 -336.960215 -8.075984
-392.903310 -53.567564 -1153.006
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FRAME ELEMENT INTERNAL FORCES
REL DIST T P M2 M3 V2 V3
0.75000 -7.225406 -312.182203 -8.075984
-392.903310 -53.154917 -1256.132
1.00000 -7.225406 -288.770215 -8.075984
-408.177728 -53.938239 -1359.257

COMB DB-G2-1 MAX
REL DIST T P M2 M3 V2 V3
0.00000 2.892598 34.76185 4.321600
128.749848 4.386093 34.76185 4.321600
0.25000 2.892598 35.062365 4.321600
127.733033 4.547761 1283.375 4.321600
0.50000 2.892598 35.378917 4.321600
126.863106 4.576481 1281.048 4.321600
0.75000 2.892598 35.706369 4.321600
126.032626 5.224653 1284.852 4.321600
1.00000 2.892598 36.060110 4.321600
125.251151 5.580320 1292.779

COMB DB-G2-1 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -3.430080 -36.856137 -4.455660
-126.62972 -36.81826 -511.99498 -4.455660
0.25000 -3.430080 -36.496511 -4.455660
-127.384568 -36.665483 -474.787588 -4.455660
0.50000 -3.430080 -36.168929 -4.455660
-128.215192 -36.000000 -425.652152 -4.455660
0.75000 -3.430080 -35.852510 -4.455660
-129.085392 -36.480352 -494.807941 -4.455660
1.00000 -3.430080 -35.550850 -4.455660
-130.102449 -35.34765 -533.954355

COMB DB-G2-2 MAX
REL DIST T P M2 M3 V2 V3
0.00000 3.813436 107.849694 5.865145
314.922637 9.345398 2920.852 5.865145
0.25000 3.813436 107.960095 5.865145
314.884911 9.840606 2874.777 5.865145
0.50000 3.813436 107.872563 5.865145
314.952637 10.035650 2855.748 5.865145
0.75000 3.813436 107.933919 5.865145
314.821825 10.667787 2877.402 5.865145
1.00000 3.813436 107.898042 5.865145
314.792827 11.976536 2925.939

COMB DB-G2-2 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -4.603717 -109.381622 -6.013738
-317.339742 -84.444559 -963.259496 -6.013738
0.25000 -4.603717 -109.368236 -6.013738
-317.368744 -81.460931 -892.420853 -6.013738
0.50000 -4.603717 -109.356159 -6.013738
-317.399562 -79.955661 -855.739512 -6.013738
0.75000 -4.603717 -109.344424 -6.013738
-317.431845 -80.225375 -830.777511 -6.013738
1.00000 -4.603717 -109.332259 -6.013738
-317.469581 -82.475510 -1004.720

COMB DB-G2-3 MAX
REL DIST T P M2 M3 V2 V3
0.00000 6.253063 240.235893 8.426598
470.913107 59.510603 4776.106 8.426598
0.25000 6.253063 258.548844 8.426598
427.925944 57.559887 4776.155 8.426598
0.50000 6.253063 277.822118 8.426598
392.858210 56.976481 4770.576 8.426598
0.75000 6.253063 297.809750 8.426598
364.389495 57.953168 4770.442 8.426598
1.00000 6.253063 318.973873 8.426598
332.851037 60.294748 4782.498

COMB DB-G2-3 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -7.017832 -299.759748 -8.324085
-334.776215 -82.078613 -1301.198
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FRAME ELEMENT INTERNAL FORCES
REL DIST T P M2 M3 V2 V3
0.25000 -7.017832 -299.759748 -8.324085
-334.776215 -82.078613 -1301.198
0.50000 -7.017832 -299.759748 -8.324085
-334.776215 -82.078613 -1301.198
0.75000 -7.017832 -299.759748 -8.324085
-334.776215 -82.078613 -1301.198
1.00000 -7.017832 -299.759748 -8.324085
-334.776215 -82.078613 -1301.198

-472.898698 -78.715399 -1357.096
COMB DL-G1-1 MAX
REL DIST T P M2 M3 V2 V3
0.00000 5.453065 176.371892 4.110358
174.040090 80.009850 2727.118 4.110358
0.25000 5.453065 193.764909 4.110358
175.643951 78.711246 2791.071 4.110358
0.50000 5.453065 212.262227 4.110358
176.996515 77.998315 2821.156 4.110358
0.75000 5.453065 231.701515 4.110358
177.272612 78.007016 2816.812 4.110358
177.272612 78.599393 2778.737 4.110358

COMB DL-G1-1 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -5.897458 -254.161626 -4.024257
-176.937941 7.1947047 -1104.705
0.25000 -5.897458 -234.073085 -4.024257
-176.937941 -11.453503 -1115.233
0.50000 -5.897458 -214.628064 -4.024257
-176.686605 9.7665773 4720.559
0.75000 -5.897458 -196.083415 -4.024257
-175.358883 -10.483421 -1136.787
-175.358883 -5.897458 178.69504 -4.024257
-175.358883 -10.005125 -1147.448

COMB DL-G1-2 MAX
REL DIST T P M2 M3 V2 V3
0.00000 7.041837 290.789197 6.099703
345.66770 10.693925 4621.273 6.099703
0.25000 7.041837 312.170880 6.099703
341.371414 10.410101 4685.800 6.099703
0.50000 7.041837 334.978847 6.099703
337.864519 10.347933 4720.559 6.099703
0.75000 7.041837 358.916406 6.099703
336.292727 10.655011 4732.666 6.099703
1.00000 7.041837 383.851067 6.099703
336.173812 10.486646 4715.324

COMB DL-G1-2 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -7.926030 -388.063834 -5.933731
-338.037925 -28.972205 -2012.713
0.25000 -7.926030 -363.262227 -5.933731
-338.141301 -28.289410 -2031.918
0.50000 -7.926030 -339.288273 -5.933731
-339.696337 -27.652471 -2051.198
0.75000 -7.926030 -316.578570 -5.933731
-343.146624 -27.061888 -2070.900
1.00000 -7.926030 -295.073732 -5.933731
-351.519505 -26.667056 -2090.240

COMB DL-G1-3 MAX
REL DIST T P M2 M3 V2 V3
0.00000 8.588628 318.708121 8.196980
435.682738 99.577107 5566.317 8.196980
0.25000 8.588628 338.164561 8.196980
437.75583 97.785457 5632.861 8.196980
0.50000 8.588628 358.920552 8.196980
421.829358 97.003749 5673.857 8.196980
0.75000 8.588628 380.705858 8.196980
420.053425 97.661517 5695.760 8.196980
1.00000 8.588628 403.218245 8.196980
420.053425 97.172156 5692.605 8.196980
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-3 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -9.788158 -409.141232 -8.068435
-422.973946 -72.893770 -2711.379
0.25000 -9.788158 -386.567977 -8.068435
-423.140457 -70.789158 -2737.214
0.50000 -9.788158 -364.749563 -8.068435
-442.298644 -96.744920 -2763.084
0.75000 -9.788158 -343.967699 -8.068435
-471.560369 -96.949607 -2789.315
1.00000 -9.788158 -324.513992 -8.068435
-499.903090 -97.951211 -2815.278

COMB DL-G2-1 MAX
REL DIST T P M2 M3 V2 V3
0.00000 3.516365 63.678065 4.126522
146.835865 7.265592 1566.019 4.126522
0.25000 3.516365 63.935354 4.126522
146.103139 7.453330 1570.959 4.126522
0.50000 3.516365 64.208190 4.126522
145.403907 7.799700 1589.100 4.126522
0.75000 3.516365 64.498182 4.126522
144.750171 8.200180 1601.690 4.126522
1.00000 3.516365 64.799900 4.126522
144.153816 8.608618 1615.374

COMB DL-G2-1 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -4.195577 -67.170258 -4.246647
-145.316651 -75.749857 -1071.136
0.25000 -4.195577 -66.867841 -4.246647
-145.913082 -74.842130 -1081.174
0.50000 -4.195577 -65.935754 -4.246647
-146.586998 -74.607550 -1091.191
0.75000 -4.195577 -66.302449 -4.246647
-147.266365 -75.151180 -1101.257
1.00000 -4.195577 -66.046948 -4.246647
-147.999229 -76.364913 -1111.315

COMB DL-G2-2 MAX
REL DIST T P M2 M3 V2 V3
0.00000 4.715393 159.339166 5.847363
339.801173 18.040889 3354.794 5.847363
0.25000 4.715393 159.345273 5.847363
339.783268 18.031998 3354.284 5.847363
0.50000 4.715393 159.358193 5.847363
339.766181 18.443538 3367.380 5.847363
0.75000 4.715393 159.358773 5.847363
339.750201 19.139864 3400.992 5.847363
1.00000 4.715393 159.365998 5.847363
339.735612 20.118379 3448.208

COMB DL-G2-2 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -5.828268 -163.762753 -5.897469
-343.013127 -97.274933 -163.762753 -5.897469
0.25000 -5.828268 -163.755521 -5.897469
-343.025889 -96.191139 -2034.397
0.50000 -5.828268 -163.748575 -5.897469
-343.041871 -95.858576 -2034.395
0.75000 -5.828268 -163.742003 -5.897469
-343.058963 -96.409590 -2027.554
1.00000 -5.828268 -163.735896 -5.897469
-343.076853 -97.642427 -2091.604

COMB DL-G2-3 MAX
REL DIST T P M2 M3 V2 V3
0.00000 8.009194 282.786813 8.196505
496.199591 70.978875 5157.942 8.196505
0.25000 8.009194 298.034566 8.196505

467.730350 70.327813 5212.785 8.196505
8.009194 314.362265 8.196505
467.730350 70.315127 5202.081 8.196505
0.50000 8.009194 331.542998 8.196505
415.143382 70.923283 5275.767 8.196505
1.00000 8.009194 349.356728 8.196505
397.513930 72.044713 5284.005 8.196505
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-3 MIN
REL DIST T P M2 M3 V2 V3
0.00000 9.328672 -355.314599 -8.161791
-396.259794 -98.608057 -2710.690
0.25000 9.328672 -337.461585 -8.161791
-418.995903 -97.335993 -2736.420
0.50000 9.328672 -320.255229 -8.161791
-441.298644 -96.744920 -2763.084
0.75000 9.328672 -303.907517 -8.161791
-471.560369 -96.949607 -2789.315
1.00000 9.328672 -286.624116 -8.161791
-499.903090 -97.951211 -2815.278

COMB DB MIN
REL DIST T P M2 M3 V2 V3
0.00000 6.688266 286.922275 8.426598
427.913107 93.259828 5263.946 8.426598
0.25000 6.688266 310.318063 8.426598
427.925944 88.880020 5276.532 8.426598
0.50000 6.688266 334.992782 8.426598
427.925944 87.568074 5276.532 8.426598
0.75000 6.688266 363.059513 8.426598
391.969894 88.461778 5279.442 8.426598
391.970163 85.599267 5270.104 8.426598

COMB DB MIN
REL DIST T P M2 M3 V2 V3
0.00000 -7.225406 -393.469716 -8.324085
-392.903587 -84.444559 -1303.276
0.25000 -7.225406 -364.421589 -8.324085
-392.903310 -81.460931 -1205.053
0.50000 -7.225406 -336.960215 -8.324085
-394.790264 -79.955661 -1153.006
0.75000 -7.225406 -312.182203 -8.324085
-429.950257 -80.225375 -1256.132
1.00000 -7.225406 -288.770215 -8.324085
-472.898698 -82.475510 -1359.257

COMB DB MAX
REL DIST T P M2 M3 V2 V3
0.00000 8.588628 318.708121 8.196980
496.199591 105.893295 5566.317 8.196980
0.25000 8.588628 338.164561 8.196980
467.730350 104.101001 5632.661 8.196980
0.50000 8.588628 358.920552 8.196980
440.468224 103.347933 5673.857 8.196980
0.75000 8.588628 380.705858 8.196980
420.053425 104.101001 5695.760 8.196980
1.00000 8.588628 403.218245 8.196980
420.053425 104.866646 5692.605 8.196980

COMB DL MIN
REL DIST T P M2 M3 V2 V3
0.00000 -9.788158 -409.141232 -8.161791
-422.973946 -98.608057 -2711.379
0.25000 -9.788158 -386.567977 -8.161791
-423.140457 -97.335993 -2737.214
0.50000 -9.788158 -364.749563 -8.161791
-442.298644 -96.744920 -2763.084
0.75000 -9.788158 -343.967699 -8.161791
-471.560369 -96.949607 -2789.315
1.00000 -9.788158 -324.513992 -8.161791
-499.903090 -97.951211 -2815.278

COMB CAR MAX
REL DIST T P M2 M3 V2 V3
0.00000 8.588628 318.708121 8.426598
496.199591 105.893295 5566.317 8.426598
0.25000 8.588628 338.164561 8.426598
467.730350 104.101001 5632.661 8.426598
0.50000 8.588628 358.920552 8.426598
440.468224 103.347933 5673.857 8.426598
0.75000 8.588628 380.705858 8.426598
420.053425 104.866646 5692.605 8.426598
1.00000 8.588628 403.218245 8.426598
420.053425 104.866646 5692.605 8.426598
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FRAME ELEMENT INTERNAL FORCES
COMB CAR MIN
REL DIST T P M2 M3 V2 V3
0.00000 -9.788158 -409.141232 -8.324085
-422.973946 -98.608057 -2711.379
0.25000 -9.788158 -386.567977 -8.324085
-423.140457 -97.335993 -2737.214
0.50000 -9.788158 -364.749563 -8.324085
-442.298644 -96.744920 -2763.084
0.75000 -9.788158 -343.967699 -8.324085
-471.560369 -96.949607 -2789.315
1.00000 -9.788158 -324.513992 -8.324085
-499.903090 -97.951211 -2815.278

COMB DESIGN MAX
REL DIST T P M2 M3 V2 V3
0.00000 8.588628 318.708121 8.426598
496.199591 105.893295 5566.317 8.426598
0.25000 8.588628 338.164561 8.426598
467.730350 104.101001 5632.661 8.426598
0.50000 8.588628 358.920552 8.426598
440.468224 103.347933 5673.857 8.426598
0.75000 8.588628 380.705858 8.426598
420.053425 104.866646 5692.605 8.426598
1.00000 8.588628 403.218245 8.426598
420.053425 104.866646 5692.605 8.426598

COMB DESIGN MIN
REL DIST T P M2 M3 V2 V3
0.00000 -9.788158 -409.141232 -8.324085
-422.973946 -98.608057 -2711.379
0.25000 -9.788158 -386.567977 -8.324085
-423.140457 -97.335993 -2737.214
0.50000 -9.788158 -364.749563 -8.324085
-442.298644 -96.744920 -2763.084
0.75000 -9.788158 -343.967699 -8.324085
-471.560369 -96.949607 -2789.315
1.00000 -9.788158 -324.513992 -8.324085
-499.903090 -97.951211 -2815.278

ELEM 16 LENGTH = 5.094943
COMB DB-G1-1 MAX
REL DIST T P M2 M3 V2 V3
0.00000 5.453065 176.371892 4.110358
174.040090 80.009850 2727.118 4.110358
0.25000 5.453065 193.764909 4.110358
175.643951 78.711246 2791.071 4.110358
0.50000 5.453065 212.262227 4.110358
176.996515 77.998315 2821.156 4.110358
0.75000 5.453065 23

-439.622993 -79.185964 -1285.484

COMB DB-G2-3 ----- MAX

```
REL DIST      P      M2      M3      V3
0.00000      6.743989      315.80323      7.724894
437.728089      60.46051      4782.853
0.25000      6.743989      334.33600      7.724894
392.931406      59.43341      4680.101
0.50000      6.743989      353.00000      7.724894
360.370595      59.20812      4535.078
0.75000      6.743989      373.72638      7.724894
331.753240      60.00314      4415.657
1.00000      6.743989      394.00000      7.724894
300.083432      61.510975      4294.823
```

COMB DB-G2-3 ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000      -7.471745      -269.223121      -8.474203
-437.657994      -79.338530      -1321.146
0.25000      -7.471745      -248.290593      -8.474203
-437.657994      -76.238428      -1457.477
0.50000      -7.471745      -228.638164      -8.474203
-452.765789      -74.78433      -1557.840
0.75000      -7.471745      -209.753352      -8.474203
-479.095324      -75.087701      -1658.271
1.00000      -7.471745      -191.899516      -8.474203
-521.169173      -76.509789      -1738.702
```

COMB DL-G1-1 ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      5.794331      214.231131      5.653989
286.082274      79.23512      2778.278
0.25000      5.794331      232.901181      5.653989
289.690014      75.724082      2770.643
0.50000      5.794331      252.664848      5.653989
291.293753      72.74511      2728.939
0.75000      5.794331      273.263638      5.653989
292.897493      70.434441      2653.476
1.00000      5.794331      294.445199      5.653989
294.501238      68.669887      2544.451
```

COMB DL-G1-1 ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -6.208104      -217.627017      -2.619462
-84.741618      10.551415      1147.358
0.25000      -6.208104      -198.659589      -2.619462
-84.741618      -11.293952      -1163.199
0.50000      -6.208104      -180.771330      -2.619462
-84.741618      12.342578      1179.347
0.75000      -6.208104      -63.000000      -2.619462
-84.741618      13.397613      1195.167
1.00000      -6.208104      -147.682587      -2.619462
-84.741618      -14.668714      1211.256
Program      SAP2000      Nonlinear      Version 7.42
File:상행S11-S1503.OUT
```

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      7.458842      357.379419      7.844115
484.309518      105.457574      4714.849
0.25000      7.458842      380.231212      7.844115
476.646282      102.163922      4653.762
0.50000      7.458842      404.550589      7.844115
471.604657      99.505066      4551.088
0.75000      7.458842      429.937898      7.844115
466.563302      97.805361      4447.176
1.00000      7.458842      456.044647      7.844115
462.304544      96.855921      4304.522
```

COMB DL-G1-2 ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -8.277181      -326.413112      -4.361825
-247.505545      -27.216661      -2090.164
0.25000      -8.277181      -303.181215      -4.361825
-247.505545      -28.389115      -2115.266
0.50000      -8.277181      -280.842982      -4.361825
-247.505545      -29.891893      -2140.715
0.75000      -8.277181      -259.694808      -4.361825
-247.505545      -31.634085      -2165.752
1.00000      -8.277181      -240.033456      -4.361825
-248.289731      -33.767716      -2191.108
```

COMB DL-G1-3 ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      9.170080      403.602737      8.856214
496.583025      105.573365      5692.487
0.25000      9.170080      424.449517      8.856214
486.565521      102.163922      5597.685
0.50000      9.170080      446.556337      8.856214
481.648832      95.601848      5474.089
0.75000      9.170080      469.626879      8.856214
476.735125      97.805361      5332.373
1.00000      9.170080      493.385951      8.856214
472.741689      95.052948      5166.673
```

COMB DL-G1-3 ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -10.291767      -337.670391      -8.911463
-416.710695      -72.111642      -2815.264
0.25000      -10.291767      -316.528667      -8.911463
-416.712284      -70.919160      -2842.325
0.50000      -10.291767      -296.191481      -8.911463
-416.712284      -70.384154      -2869.696
0.75000      -10.291767      -276.943608      -8.911463
-416.715265      -70.538947      -2896.673
1.00000      -10.291767      -259.050515      -8.911463
-417.638518      -71.503315      -2924.027
```

COMB DL-G2-1 ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      8.325362      92.636103      2.818198
63.935474      8.661822      815.862
0.25000      8.325362      97.907484      2.818198
63.174058      9.121388      1570.212
0.50000      8.325362      103.190129      2.818198
62.446553      9.620298      1526.157
0.75000      8.325362      103.502016      2.818198
61.765213      10.299976      1482.574
1.00000      8.325362      93.817814      2.818198
61.141820      11.328240      1440.472
```

COMB DL-G2-1 ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -4.492299      -52.249971      -5.793850
-263.897504      -72.819344      -1131.383
0.25000      -4.492299      -51.963864      -5.793850
-264.467239      -72.815815      -1115.821
0.50000      -4.492299      -51.690436      -5.793850
-265.094090      -69.560915      -1120.765
0.75000      -4.492299      -51.432967      -5.793850
-265.765886      -67.266572      -1125.452
1.00000      -4.492299      -51.195160      -5.793850
-266.470527      -65.920027      -1131.631
Program      SAP2000      Nonlinear      Version 7.42
File:상행S11-S1503.OUT
```

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FRAME ELEMENT INTERNAL FORCES

L F O R C E S

COMB DL-G2-2 ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      5.097895      217.009478      4.332440
234.126946      20.048170      3448.771
0.25000      5.097895      217.015957      4.332440
234.144377      21.114287      3337.844
0.50000      5.097895      217.022436      4.332440
234.126640      22.98105      3237.624
0.75000      5.097895      217.030168      4.332440
234.110023      24.074420      3158.872
1.00000      5.097895      217.037175      4.332440
234.094807      26.231920      3094.627
```

COMB DL-G2-2 ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -6.166143      -125.448051      -7.719195
-477.448894      -98.219340      -2091.715
0.25000      -6.166143      -125.442205      -7.719195
-477.462867      -94.245264      -2103.856
0.50000      -6.166143      -125.435665      -7.719195
-477.478227      -91.144077      -2115.975
0.75000      -6.166143      -125.429507      -7.719195
-477.494681      -89.208538      -2128.096
1.00000      -6.166143      -125.423191      -7.719195
-477.511939      -88.390160      -2140.281
```

COMB DL-G2-3 ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      8.585371      364.389633      7.776815
486.374711      92.348131      5281.241
0.25000      8.585371      380.672262      7.776815
455.299689      71.298752      5182.766
0.50000      8.585371      397.991650      7.776815
425.458611      50.699132      5061.367
0.75000      8.585371      416.123495      7.776815
397.612218      70.809815      4929.435
1.00000      8.585371      434.848586      7.776815
372.478316      71.680687      4781.196
```

COMB DL-G2-3 ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -9.836435      -291.974955      -8.911463
-478.672805      -98.593820      -2814.010
0.25000      -9.836435      -275.175107      -8.911463
-492.460566      -95.397570      -2837.155
0.50000      -9.836435      -259.064833      -8.911463
-515.304103      -93.210156      -2860.250
0.75000      -9.836435      -243.851478      -8.911463
-540.062877      -92.102906      -2883.236
1.00000      -9.836435      -229.743252      -8.911463
-565.985165      -92.096922      -2906.502
```

COMB DB ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      7.201097      365.238449      8.389685
452.537550      91.830358      5269.952
0.25000      7.201097      386.942084      8.389685
429.034113      89.093414      5165.368
0.50000      7.201097      413.786218      8.389685
437.234113      87.637388      5032.413
0.75000      7.201097      439.397022      8.389685
437.234113      87.691992      4905.811
1.00000      7.201097      465.645980      8.389685
437.234113      89.065362      4768.782
```

COMB DB ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -7.688498      -332.941680      -8.474203
-439.493337      -83.261729      -1359.385
0.25000      -7.688498      -304.247505      -8.474203
-450.521939      -80.036330      -1342.398
0.50000      -7.688498      -276.541325      -8.474203
-452.765789      -78.204081      -1567.437
0.75000      -7.688498      -249.950777      -8.474203
-479.095324      -77.068667      -1671.511
1.00000      -7.688498      -226.857562      -8.474203
-521.189173      -79.185964      -1775.585
Program      SAP2000      Nonlinear      Version 7.42
File:상행S11-S1503.OUT
```

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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      9.170080      403.602737      8.856214
496.583025      105.457574      5692.487
0.25000      9.170080      424.449517      8.856214
486.565521      102.163922      5597.685
0.50000      9.170080      446.556337      8.856214
481.648832      99.530506      5474.089
0.75000      9.170080      469.626879      8.856214
476.735125      97.805361      5332.373
1.00000      9.170080      493.385951      8.856214
472.741689      96.855921      5166.673
```

COMB DL ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -10.291767      -337.670391      -8.911463
-478.672805      -98.593820      -2815.264
0.25000      -10.291767      -316.528667      -8.911463
-492.460566      -95.397570      -2837.155
0.50000      -10.291767      -296.191481      -8.911463
-515.304103      -93.210156      -2869.696
0.75000      -10.291767      -276.943608      -8.911463
-540.062877      -92.102906      -2896.673
1.00000      -10.291767      -259.050515      -8.911463
-565.985165      -92.096922      -2924.027
```

COMB CAR ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      9.170080      403.602737      8.856214
496.583025      105.457574      5692.487
0.25000      9.170080      424.449517      8.856214
486.565521      102.163922      5597.685
0.50000      9.170080      446.556337      8.856214
481.648832      99.530506      5474.089
0.75000      9.170080      469.626879      8.856214
476.735125      97.805361      5332.373
1.00000      9.170080      493.385951      8.856214
472.741689      96.855921      5166.673
```

COMB CAR ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -10.291767      -337.670391      -8.911463
-478.672805      -98.593820      -2815.264
0.25000      -10.291767      -316.528667      -8.911463
-492.460566      -95.397570      -2837.155
0.50000      -10.291767      -296.191481      -8.911463
-515.304103      -93.210156      -2869.696
0.75000      -10.291767      -276.943608      -8.911463
-540.062877      -92.102906      -2896.673
1.00000      -10.291767      -259.050515      -8.911463
-565.985165      -92.096922      -2924.027
```

COMB DESIGN ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      9.170080      403.602737      8.856214
496.583025      105.457574      5692.487
0.25000      9.170080      424.449517      8.856214
```

```
486.565521      102.163922      5597.685
0.50000      9.170080      446.556337      8.856214
481.648832      99.530506      5474.089
0.75000      9.170080      469.626879      8.856214
476.735125      97.805361      5332.373
1.00000      9.170080      493.385951      8.856214
472.741689      96.855921      5166.673
```

COMB DESIGN ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -10.291767      -337.670391      -8.911463
-478.672805      -98.593820      -2815.264
0.25000      -10.291767      -316.528667      -8.911463
-492.460566      -95.397570      -2842.325
0.50000      -10.291767      -296.191481      -8.911463
-515.304103      -93.210156      -2869.696
0.75000      -10.291767      -276.943608      -8.911463
-540.062877      -92.102906      -2896.673
1.00000      -10.291767      -259.050515      -8.911463
-565.985165      -92.096922      -2924.027
Program      File:상행S11-S1503.OUT      Version 7.42
```

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FRAME ELEMENT INTERNAL FORCES

ELEM = 5.049241 17 ----- LENGTH =

COMB DB-G1-1 ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      4.648027      254.084898      6.313192
368.549523      67.093579      2502.071
0.25000      4.648027      275.014893      6.313192
368.549523      61.890708      2435.897
0.50000      4.648027      296.835572      6.313192
368.549523      57.672997      2340.728
0.75000      4.648027      319.226570      6.313192
368.549523      54.545876      2215.398
1.00000      4.648027      341.717794      6.313192
368.549523      52.510203      2059.896
```

COMB DB-G1-1 ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -4.719321      -197.050516      -1.397604
-48.743031      -8.669520      -737.193988
0.25000      -4.719321      -174.842959      -1.397604
-48.743031      -10.536711      -791.810632
0.50000      -4.719321      -153.152821      -1.397604
-48.743031      -12.618972      -846.427276
0.75000      -4.719321      -132.441220      -1.397604
-48.743031      -14.681604      -901.493922
1.00000      -4.719321      -112.998902      -1.397604
-48.743031      -16.668685      -955.785493
```

COMB DB-G1-2 ----- MAX

```
REL DIST      T      M2      M3      V3
0.00000      5.869192      409.047755      8.093389
546.557299      89.270497      4162.270
0.25000      5.869192      435.152956      8.093389
536.733628      84.585783      3984.808
0.50000      5.869192      462.561410      8.093389
536.733628      80.900665      3791.895
0.75000      5.869192      490.246139      8.093389
536.733628      78.772702      3592.023
1.00000      5.869192      518.071376      8.093389
536.733628      77.806585      3382.988
```

COMB DB-G1-2 ----- MIN

```
REL DIST      T      M2      M3      V3
0.00000      -6.133320      -272.440914      -2.707833
-212.181723      -18.709861      -1334.997
0.25000      -6.133320      -244.314780      -2.707833
-212.181723      -21.303185      -1425.606
0.50000      -6.133320      -212.224784      -2.707833
-212.181723      -23.914281      -1516.215
0.75000      -6.133320      -191.407001      -2.707833
-212.181723      -26.558957      -1606.827
1.00000      -6.133320      -167.113030      -2.707833
-212.181723      -29.248395
```

-490.846069 -76.101973 -3069.974

COMB DL-G2-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 4.240539 121.192271 1.476978
51.934262 11.467972 1441.734
0.25000 4.240539 121.147886 1.476978
51.147892 13.608539
0.50000 4.240539 121.134758 1.476978
50.394055 16.572392 1254.195
0.75000 4.240539 122.100500 1.476978
49.693335 19.855726 1162.189
1.00000 4.240539 122.873000 1.476978
49.051139 24.031991 1071.836

COMB DL-G2-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -4.851371 -47.532481 -7.683266
390.055693 -66.819917 -1131.712
0.25000 -4.851371 -47.264863 -7.683266
390.606324 -60.870104 -1136.607
0.50000 -4.851371 -47.010420 -7.683266
391.211174 -54.551496 -1085.672
0.75000 -4.851371 -46.772522 -7.683266
391.858239 -53.149731 -1211.588
1.00000 -4.851371 -46.547047 -7.683266
392.536492 -50.749569 -1218.503

COMB DL-G2-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 5.579089 277.884692 2.752754
199.054913 9.579089 277.884692 2.752754
0.25000 5.579089 277.884692 2.752754
199.053770 29.479790 2885.100
0.50000 5.579089 277.898800 2.752754
199.017420 29.479790 2885.100
0.75000 5.579089 277.903698 2.752754
199.000355 39.566577 2501.098
1.00000 5.579089 277.914223 2.752754
198.984720 45.451749 2335.857

COMB DL-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -6.527371 -105.362361 -9.937656
-614.334348 -89.145164 -2140.063
0.25000 -6.527371 -105.359565 -9.937656
-614.347893 -83.190588 -2140.062
0.50000 -6.527371 -105.349865 -9.937656
-614.362735 -78.690011 -2139.522
0.75000 -6.527371 -105.344173 -9.937656
-614.378609 -75.351594 -2139.020
1.00000 -6.527371 -105.338964 -9.937656
-614.395247 -73.141093 -2154.324

COMB DL-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 9.199836 457.114976 7.501676
536.079515 71.720287 4781.920
0.25000 9.199836 474.402134 7.501676
503.072809 9.199836 457.114976 7.501676
470.990415 72.566944 4256.764
0.50000 9.199836 511.733979 7.501676
440.889314 9.199836 457.114976 7.501676
413.717519 77.960968 3675.745
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -10.251722 -247.406599 -10.048596
-599.160630 -93.076226 -2906.857
0.25000 -10.251722 -247.406599 -10.048596
-599.277411 -89.256394 -2924.894
0.50000 -10.251722 -247.406599 -10.048596
-612.644665 -86.888643 -2934.281
0.75000 -10.251722 -247.406599 -10.048596
-635.441878 -85.770336 -3010.001
1.00000 -10.251722 -190.173501 -10.048596
-659.418364 -86.023186 -3055.399

COMB DB ----- MAX

REL DIST P M2 V2 V3
0.00000 7.711895 446.093479 8.093389
546.557299 89.270497 4768.704
0.25000 7.711895 469.709785 8.093389
536.733628 84.580193 4550.074
0.50000 7.711895 494.480865 8.093389
536.733628 81.705132 4277.863
0.75000 7.711895 519.800575 8.093389
536.733628 80.865033 4027.919
1.00000 7.711895 545.651073 8.093389
536.733628 81.263423 3777.223

COMB DB ----- MIN

REL DIST P M2 V2 V3
0.00000 -8.080376 -272.440914 -8.444528
-550.713944 -80.384460 -1775.698
0.25000 -8.080376 -245.675140 -8.444528
-550.742513 -75.186467 -1882.230
0.50000 -8.080376 -221.115034 -8.444528
-550.772493 -71.153342 -1988.762
0.75000 -8.080376 -197.646633 -8.444528
-551.272952 -69.379687 -2099.296
1.00000 -8.080376 -175.598939 -8.444528
-573.616921 -69.248514 -2201.987

COMB DL ----- MAX

REL DIST P M2 V2 V3
0.00000 9.745452 504.376161 9.947773
624.669145 96.877687 5166.372
0.25000 9.745452 526.617013 9.947773
619.627721 91.720081 4911.091
0.50000 9.745452 550.083118 9.947773
614.586298 89.256394 4255.989
0.75000 9.745452 574.433743 9.947773
609.544875 88.021612 4322.073
1.00000 9.745452 599.434637 9.947773
604.503452 88.063028 3995.322

COMB DL ----- MIN

REL DIST P M2 V2 V3
0.00000 -10.647441 -283.489332 -10.048596
-614.334348 -93.076226 -2924.044
0.25000 -10.647441 -283.489332 -10.048596
-614.347893 -89.256394 -2954.064
0.50000 -10.647441 -245.330709 -10.048596
-614.362735 -86.888643 -2984.159
0.75000 -10.647441 -227.789739 -10.048596
-635.441878 -85.770336 -3015.353
1.00000 -10.647441 -211.613873 -10.048596
-659.418364 -86.023186 -3069.974

COMB CAR ----- MAX

REL DIST P M2 V2 V3
0.00000 9.745452 504.376161 9.947773
624.669145 96.877687 5166.372
0.25000 9.745452 526.617013 9.947773

619.627721 91.720081 4911.091 9.947773
0.50000 9.745452 550.083118 9.947773
614.586298 89.256394 4255.989 9.947773
0.75000 9.745452 574.433743 9.947773
609.544875 88.021612 4322.073 9.947773
1.00000 9.745452 599.434637 9.947773
604.503452 88.063028 3995.322
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST P M2 V2 V3
0.00000 -10.647441 -283.489332 -10.048596
-614.334348 -93.076226 -2924.044
0.25000 -10.647441 -283.489332 -10.048596
-614.347893 -89.256394 -2954.064
0.50000 -10.647441 -245.330709 -10.048596
-614.362735 -86.888643 -2984.159
0.75000 -10.647441 -227.789739 -10.048596
-635.441878 -85.770336 -3015.353
1.00000 -10.647441 -211.613873 -10.048596
-659.418364 -86.023186 -3069.974

COMB DESIGN ----- MAX

REL DIST P M2 V2 V3
0.00000 9.745452 504.376161 9.947773
624.669145 96.877687 5166.372
0.25000 9.745452 526.617013 9.947773
619.627721 91.720081 4911.091
0.50000 9.745452 550.083118 9.947773
614.586298 89.256394 4255.989 9.947773
0.75000 9.745452 574.433743 9.947773
609.544875 88.021612 4322.073 9.947773
1.00000 9.745452 599.434637 9.947773
604.503452 88.063028 3995.322

COMB DESIGN ----- MIN

REL DIST P M2 V2 V3
0.00000 -10.647441 -283.489332 -10.048596
-614.334348 -93.076226 -2924.044
0.25000 -10.647441 -283.489332 -10.048596
-614.347893 -89.256394 -2954.064
0.50000 -10.647441 -245.330709 -10.048596
-614.362735 -86.888643 -2984.159
0.75000 -10.647441 -227.789739 -10.048596
-635.441878 -85.770336 -3015.353
1.00000 -10.647441 -211.613873 -10.048596
-659.418364 -86.023186 -3069.974

ELEM 18 ----- LENGTH = 5.049163

COMB DB-G1-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 4.871691 301.672066 7.190453
435.129078 52.714575 2058.620
0.25000 4.871691 322.613262 7.190453
435.129078 45.797166 1925.421
0.50000 4.871691 344.517040 7.190453
435.129078 39.631983 1764.248
0.75000 4.871691 366.429350 7.190453
1.00000 4.871691 388.470515 7.190453
435.129078 30.129859 1357.124

COMB DB-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -4.796202 -150.863706 -0.285296
-71.595333 -17.272433 -955.891668
0.25000 -4.796202 -129.284554 -0.285296
-71.595333 -19.907315 -1027.214
0.50000 -4.796202 -108.330307 -0.285296
-71.595333 -22.826146 -1098.837
0.75000 -4.796202 -88.463542 -0.285296
-71.595333 -25.412404 -1170.572
1.00000 -4.796202 -69.913122 -1242.658
-71.595333 -28.218450 -1242.658

COMB DB-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 6.112965 484.040129 9.012715
610.881073 77.904108 3391.819
0.25000 6.112965 510.111703 9.012715
610.881073 71.307042 3097.602
0.50000 6.112965 537.111857 9.012715
610.881073 65.515917 2800.823
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.00000 6.112965 564.642817 9.012715
610.881073 60.873196 2500.980
1.00000 6.112965 592.550528 9.012715
610.881073 57.397178 2196.860

COMB DB-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -6.221157 -205.806732 -1.275282
-228.473130 -29.984115 -1697.484
0.25000 -6.221157 -187.477487 -1.275282
-228.473130 -33.393450 -1806.915
0.50000 -6.221157 -152.336226 -1.275282
-228.473130 -36.959123 -1916.347
0.75000 -6.221157 -127.517244 -1.275282
-228.473130 -40.547066 -2025.838
1.00000 -6.221157 -104.320906 -1.275282
-228.473130 -44.176725 -2135.720

COMB DB-G1-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 8.204396 529.364692 8.478302
595.491147 81.803164 3777.178
0.25000 8.204396 555.029833 8.478302
594.426753 77.140512 3418.287
0.50000 8.204396 577.537618 8.478302
594.426753 73.382865 3053.639
0.75000 8.204396 602.520624 8.478302
594.426753 70.780103 2695.609
1.00000 8.204396 627.874107 8.478302
594.426753 69.288944 2344.499

COMB DB-G1-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -8.396636 -211.253497 -5.891180
-500.200511 -56.812950 -2202.061
0.25000 -8.396636 186.430388 -5.891180
-500.200511 -54.867704 -2313.812
0.50000 -8.396636 162.699892 -5.891180
-500.200511 -53.386822 -2425.563
0.75000 -8.396636 140.169933 -5.891180
-500.200511 -52.214543 -2537.365
1.00000 -8.396636 119.110196 -5.891180
-500.200511 -52.404700 -2649.670

COMB DB-G2-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 3.789490 101.613828 0.355478
50.774599 8.883489 791.405580
0.25000 3.789490 101.914566 0.355478
49.737518 11.346869 680.963643
0.50000 3.789490 102.225595 0.355478
48.840571 13.950892 577.527211
0.75000 3.789490 102.542566 0.355478
47.98049 16.549809 468.85628
1.00000 3.789490 102.866628 0.355478
47.155128 19.409162 393.326017

COMB DB-G2-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -4.308310 -30.937237 -6.924607
-389.879534 -51.745305 -784.314330
0.25000 -4.308310 -30.598298 -6.924607
-390.650588 -45.425107 -793.861777
0.50000 -4.308310 -30.283655 -6.924607
-391.473221 -40.040160 -803.409610
0.75000 -4.308310 -30.003208 -6.924607
-392.319740 -35.694810 -813.313526
1.00000 -4.308310 -29.730333 -6.924607
-393.332183 -32.366602 -823.514919

COMB DB-G2-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 4.945218 250.205519 0.898179
202.488022 28.253504 1914.813
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.25000 4.945218 250.216512 0.898179
202.449550 31.983756 1648.109
0.50000 4.945218 250.228515 0.898179
202.416280 35.904211 1406.988
0.75000 4.945218 250.239778 0.898179
202.384287 39.985316 1210.973
1.00000 4.945218 250.250739 0.898179
202.353760 44.136713 1059.275

COMB DB-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -5.655003 -55.940722 -9.044448
-628.331113 -69.590334 -1529.283
0.25000 -5.655003 -55.928162 -9.044448
-628.371950 -61.190421 -1564.193
0.50000 -5.655003 -55.916875 -9.044448
-628.402466 -53.689865 -1603.103
0.75000 -5.655003 -55.906114 -9.044448
-628.433867 -49.364996 -1642.142
1.00000 -5.655003 -55.896003 -9.044448
-628.474184 -45.189742 -1681.780

COMB DB-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 7.799478 462.831716 5.465487
519.673297 63.767576 3346.233
0.25000 7.799478 481.150983 5.465487
481.381459 62.988192 3005.589
0.50000 7.799478 500.316944 5.465487
452.579812 62.961354 2666.288
0.75000 7.799478 519.752816 5.465487
421.181509 63.742227 2339.640
1.00000 7.799478 550.054635 5.465487
408.155475 65.395839 2027.627

COMB DB-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -8.292378 -180.323148 -8.478023
-602.576180 -90.872314 -2144.999
0.25000 -8.292378 -180.323148 -8.478023
-602.576180 -85.917880 -2233.621
0.50000 -8.292378 -141.836654 -8.478023
-602.576180 -81.781170 -2322.243
0.75000 -8.292378 -124.191730 -8.478023
-611.368274 -58.700840 -2410.983
1.00000 -8.292378 -107.664877 -8.478023
-634.667593 -56.556289 -2500.379

COMB DL-G1-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 6.300119 333.920245 9.356825
529.124295 49.770198 2001.893
0.25000 6.300119 355.532609 9.356825
529.656346 48.294687 2526.015
0.50000 6.300119 378.102878 9.356825
532.331596 35.970552 1678.131
0.75000 6.300119 401.397085 9.356825
535.93247 30.94432 1524.49
1.00000 6.300119 425.162248 9.356825
535.538898 26.068818 1381.443

COMB DL-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -6.423467 -147.400779 -0.437571
-125.805034 -27.319589

L F O R C E S

COMB	DL	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	10.303876	619.166236		11.834853
747.680370	88.329850	3994.997		11.834853
0.25000	10.303876	643.140828		11.834853
742.639024	84.978601	3579.048		11.834853
0.50000	10.303876	668.221957		11.834853
737.597679	82.763436	3220.784		11.834853
0.75000	10.303876	694.146211		11.834853
732.556333	86.510037	2922.599		11.834853
1.00000	10.303876	720.618505		11.834853
727.514988	91.639382	2672.618		
COMB	DL	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-10.897946	-235.040622		-11.937923
-742.713412	-87.603844	-3070.044		-11.937923
0.25000	-10.897946	-217.569182		-11.937923
-742.726737	-84.167492	-3170.632		-11.937923
0.50000	-10.897946	-200.988780		-11.937923
-742.741428	-81.740673	-3289.828		-11.937923
0.75000	-10.897946	-185.542078		-11.937923
-758.937751	-82.250186	-3536.823		-11.937923
1.00000	-10.897946	-171.489934		-11.937923
-782.923723	-86.489293	-3877.832		

COMB	CAR	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	10.303876	619.166236		11.834853
747.680370	88.329850	3994.997		11.834853
0.25000	10.303876	643.140828		11.834853
742.639024	84.978601	3579.048		11.834853
0.50000	10.303876	668.221957		11.834853
737.597679	82.763436	3220.784		11.834853
0.75000	10.303876	694.146211		11.834853
732.556333	86.510037	2922.599		11.834853
1.00000	10.303876	720.618505		11.834853
727.514988	91.639382	2672.618		
COMB	CAR	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-10.897946	-235.040622		-11.937923
-742.713412	-87.603844	-3070.044		-11.937923
0.25000	-10.897946	-217.569182		-11.937923
-742.726737	-84.167492	-3170.632		-11.937923
0.50000	-10.897946	-200.988780		-11.937923
-742.741428	-81.740673	-3289.828		-11.937923
0.75000	-10.897946	-185.542078		-11.937923
-758.937751	-82.250186	-3536.823		-11.937923
1.00000	-10.897946	-171.489934		-11.937923
-782.923723	-86.489293	-3877.832		

COMB	DESIGN	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	10.303876	619.166236		11.834853
747.680370	88.329850	3994.997		11.834853
0.25000	10.303876	643.140828		11.834853
742.639024	84.978601	3579.048		11.834853
0.50000	10.303876	668.221957		11.834853
737.597679	82.763436	3220.784		11.834853
0.75000	10.303876	694.146211		11.834853
732.556333	86.510037	2922.599		11.834853
1.00000	10.303876	720.618505		11.834853
727.514988	91.639382	2672.618		
COMB	DESIGN	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-10.897946	-235.040622		-11.937923
-742.713412	-87.603844	-3070.044		-11.937923
0.25000	-10.897946	-217.569182		-11.937923
-742.726737	-84.167492	-3170.632		-11.937923
0.50000	-10.897946	-200.988780		-11.937923
-742.741428	-81.740673	-3289.828		-11.937923
0.75000	-10.897946	-185.542078		-11.937923
-758.937751	-82.250186	-3536.823		-11.937923
1.00000	-10.897946	-171.489934		-11.937923
-782.923723	-86.489293	-3877.832		

COMB	DESIGN	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-10.897946	-235.040622		-11.937923
-742.713412	-87.603844	-3070.044		-11.937923
0.25000	-10.897946	-217.569182		-11.937923
-742.726737	-84.167492	-3170.632		-11.937923
0.50000	-10.897946	-200.988780		-11.937923
-742.741428	-81.740673	-3289.828		-11.937923
0.75000	-10.897946	-185.542078		-11.937923
-758.937751	-82.250186	-3536.823		-11.937923
1.00000	-10.897946	-171.489934		-11.937923
-782.923723	-86.489293	-3877.832		

COMB	DESIGN	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-10.897946	-235.040622		-11.937923
-742.713412	-87.603844	-3070.044		-11.937923
0.25000	-10.897946	-217.569182		-11.937923
-742.726737	-84.167492	-3170.632		-11.937923
0.50000	-10.897946	-200.988780		-11.937923
-742.741428	-81.740673	-3289.828		-11.937923
0.75000	-10.897946	-185.542078		-11.937923
-758.937751	-82.250186	-3536.823		-11.937923
1.00000	-10.897946	-171.489934		-11.937923
-782.923723	-86.489293	-3877.832		

COMB	DESIGN	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-10.897946	-235.040622		-11.937923
-742.713412	-87.603844	-3070.044		-11.937923
0.25000	-10.897946	-217.569182		-11.937923
-742.726737	-84.167492	-3170.632		-11.937923
0.50000	-10.897946	-200.988780		-11.937923
-742.741428	-81.740673	-3289.828		-11.937923
0.75000	-10.897946	-185.542078		-11.937923
-758.937751	-82.250186	-3536.823		-11.937923
1.00000	-10.897946	-171.489934		-11.937923
-782.923723	-86.489293	-3877.832		

COMB	DESIGN	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-10.897946	-235.040622		-11.937923
-742.713412	-87.603844	-3070.044		-11.937923
0.25000	-10.897946	-217.569182		-11.937923
-742.726737	-84.167492	-3170.632		-11.937923
0.50000	-10.897946	-200.988780		-11.937923
-742.741428	-81.740673	-3289.828		-11.937923
0.75000	-10.897946	-185.542078		-11.937923
-758.937751	-82.250186	-3536.823		-11.937923
1.00000	-10.897946	-171.489934		-11.937923
-782.923723	-86.489293	-3877.832		

COMB	DL-G1-1	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	8.656534	614.689781		8.395151
668.645999	70.147951	2344.506		8.395151
0.25000	8.656534	638.338454		8.395151
668.645999	63.790611	1887.905		8.395151
0.50000	8.656534	662.627466		8.395151
668.645999	58.576100	1525.786		8.395151
0.75000	8.656534	687.202706		8.395151
668.645999	54.707148	1183.625		8.395151
1.00000	8.656534	711.976630		8.395151
668.645999	52.367006	918.151501		
COMB	DL-G1-1	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-8.671684	-146.661371		-6.119479
-606.337948	-53.797082	-2649.647		-6.119479
0.25000	-8.671684	-123.972839		-6.119479
-606.337948	-50.436949	-2772.138		-6.119479
0.50000	-8.671684	-102.804123		-6.119479
-606.337948	-50.456795	-2894.717		-6.119479
Program	SAP2000 Nonlinear Version 7.42			
File:	상행S11-S1503.OUT			

COMB	DL-G1-1	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-8.671684	-146.661371		-6.119479
-606.337948	-53.797082	-2649.647		-6.119479
0.25000	-8.671684	-123.972839		-6.119479
-606.337948	-50.436949	-2772.138		-6.119479
0.50000	-8.671684	-102.804123		-6.119479
-606.337948	-50.456795	-2894.717		-6.119479
Program	SAP2000 Nonlinear Version 7.42			
File:	상행S11-S1503.OUT			

COMB	DL-G1-1	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-8.671684	-146.661371		-6.119479
-606.337948	-53.797082	-2649.647		-6.119479
0.25000	-8.671684	-123.972839		-6.119479
-606.337948	-50.436949	-2772.138		-6.119479
0.50000	-8.671684	-102.804123		-6.119479
-606.337948	-50.456795	-2894.717		-6.119479
Program	SAP2000 Nonlinear Version 7.42			
File:	상행S11-S1503.OUT			

COMB	DL-G1-1	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-8.671684	-146.661371		-6.119479
-606.337948	-53.797082	-2649.647		-6.119479
0.25000	-8.671684	-123.972839		-6.119479
-606.337948	-50.436949	-2772.138		-6.119479
0.50000	-8.671684	-102.804123		-6.119479
-606.337948	-50.456795	-2894.717		-6.119479
Program	SAP2000 Nonlinear Version 7.42			
File:	상행S11-S1503.OUT			

COMB	DL-G1-1	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-8.671684	-146.661371		-6.119479
-606.337948	-53.797082	-2649.647		-6.119479
0.25000	-8.671684	-123.972839		-6.119479
-606.337948	-50.436949	-2772.138		-6.119479
0.50000	-8.671684	-102.804123		-6.119479
-606.337948	-50.456795	-2894.717		-6.119479
Program	SAP2000 Nonlinear Version 7.42			
File:	상행S11-S1503.OUT			

COMB	DL-G1-1	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-8.671684	-146.661371		-6.119479
-606.337948	-53.797082	-2649.647		-6.119479
0.25000	-8.671684	-123.972839		-6.119479
-606.337948	-50.436949	-2772.138		-6.119479
0.50000	-8.671684	-102.804123		-6.119479
-606.337948	-50.456795	-2894.717		-6.119479
Program	SAP2000 Nonlinear Version 7.42			
File:	상행S11-S1503.OUT			

COMB	DL-G1-1	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-8.671684	-146.661371		-6.119479
-606.337948	-53.797082	-2649.647		-6.119479
0.25000	-8.671684	-123.972839		-6.119479
-606.337948	-50.436949	-2772.138		-6.119479
0.50000	-8.671684	-102.804123		-6.119479
-606.337948	-50.456795	-2894.717		-6.119479
Program	SAP2000 Nonlinear Version 7.42			
File:	상행S11-S1503.OUT			

COMB	DL-G1-2	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	8.054691	694.277495		11.401047
776.57217	58.062248	2301.428		11.401047
0.25000	8.054691	723.107483		11.401047
771.530761	51.596266	2072.017		11.401047
0.50000	8.054691	753.044120		11.401047
766.489405	46.288445	1874.656		11.401047
0.75000	8.054691	783.798189		11.401047
761.448049	42.409729	1726.910		11.401047
1.00000	8.054691	815.078718		11

0.00000 6.380437 686.277949 6.590022
576.546774 33.427242 706.263179
0.25000 6.380437 704.492705 6.590022
576.546774 30.523549 714.492573
0.50000 6.380437 722.874925 6.590022
576.546774 28.215476 734.361729
Program SAP2008 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.75000 6.380437 741.299237 6.590022
576.546774 26.837146 754.230886
1.00000 6.380437 759.541599 6.590022
576.546774 26.613968 774.144010

COMB DB-G1-2 MIN

REL DIST P M2 V2 V3
0.00000 -6.220318 -61.566619 -3.406372
-484.933547 -56.397347 -2705.034
0.25000 6.380437 723.705510 6.590022
-484.933547 -56.239180 -2684.737
0.50000 -6.220318 -61.566619 -3.406372
-484.933547 -56.244772 -2684.442
0.75000 -6.220318 -61.566619 -3.406372
-484.933547 -56.536266 -2694.154
1.00000 -6.220318 -61.566619 -3.406372
-484.933547 -57.374797 -3228.129

COMB DB-G1-3 MAX

REL DIST P M2 V2 V3
0.00000 9.096129 707.167351 7.628531
711.437062 53.518437 917.950248
0.25000 9.096129 723.705510 7.628531
711.437062 53.518437 917.950248
0.50000 9.096129 740.395162 7.628531
711.437062 47.997132 952.229681
0.75000 9.096129 757.122148 7.628531
711.437062 47.997132 952.229681
1.00000 9.096129 773.683559 7.628531
711.437062 47.708971 997.202158

COMB DB-G1-3 MIN

REL DIST P M2 V2 V3
0.00000 -9.018162 -87.147577 -6.741759
-697.539272 -56.440469 -3141.011
0.25000 -9.018162 -87.147577 -6.741759
-697.539272 -56.308167 -3236.969
0.50000 -9.018162 -87.147577 -6.741759
-697.539272 -56.367208 -3333.225
0.75000 -9.018162 -87.147577 -6.741759
-697.539272 -56.783703 -3429.804
1.00000 -9.018162 -87.147577 -6.741759
-697.539272 -57.671722 -3530.986

COMB DB-G2-1 MAX

REL DIST P M2 V2 V3
0.00000 4.643263 85.010481 2.523218
250.432095 31.114519 929.355442
0.25000 4.643263 85.227503 2.523218
249.707649 31.169425 933.731102
0.50000 4.643263 85.445563 2.523218
248.986272 31.402048 938.463102
0.75000 4.643263 85.662866 2.523218
248.302429 32.161473 943.195317
1.00000 4.643263 85.877441 2.523218
247.680348 33.974497 947.927424

COMB DB-G2-1 MIN

REL DIST P M2 V2 V3
0.00000 -5.145529 -59.465923 -5.225037
-346.191285 -51.441998 -754.264562
0.25000 -5.145529 -59.267515 -5.225037
-346.841111 -51.307204 -771.148841
0.50000 -5.145529 -59.075861 -5.225037
-347.509305 -51.091920 -788.03004
0.75000 -5.145529 -59.050712 -5.225037
-348.207748 -51.471419 -646.234432
1.00000 -5.145529 -59.050712 -5.225037
-348.908379 -7.344693 -612.538509

COMB DB-G2-2 MAX

REL DIST P M2 V2 V3
0.00000 5.949300 268.126623 3.327899
545.151853 60.163620 636.367873
Program SAP2008 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.25000 5.949300 268.134362 3.327899
455.124988 60.152785 647.714175
0.50000 5.949300 268.142744 3.327899
455.098607 60.371316 659.073331
0.75000 5.949300 268.150705 3.327899
455.072876 60.941723 670.433287
1.00000 5.949300 268.158745 3.327899
455.049808 63.548076 681.728243

COMB DB-G2-2 MIN

REL DIST P M2 V2 V3
0.00000 -6.699488 -82.495167 -6.514633
-592.890383 -20.223134 -1707.396
0.25000 -6.699488 -82.487814 -6.514633
-592.914484 -17.333947 -1581.655
0.50000 -6.699488 -82.480712 -6.514633
-592.939314 -17.237678 -1656.751
0.75000 -6.699488 -82.479792 -6.514633
-592.965215 -17.237678 -1656.751
1.00000 -6.699488 -82.479792 -6.514633
-592.991197 -17.506779 -1610.385

COMB DB-G2-3 MAX

REL DIST P M2 V2 V3
0.00000 8.854624 882.083963 6.537155
653.851064 65.704772 899.548216
0.25000 8.854624 895.136577 6.537155
638.233957 61.189622 910.602024
0.50000 8.854624 908.282244 6.537155
619.014365 62.716786 927.250771
0.75000 8.854624 921.426880 6.537155
619.014365 62.347097 946.953918
1.00000 8.854624 934.425321 6.537155
619.014365 64.399542 966.659307

COMB DB-G2-3 MIN

REL DIST P M2 V2 V3
0.00000 -9.159292 -110.095298 -7.728814
-686.221612 -40.468234 -2813.861
0.25000 -9.159292 -102.507792 -7.728814
-686.221612 -37.876437 -2858.746
0.50000 -9.159292 -102.507792 -7.728814
-686.226244 -37.960968 -2904.450
0.75000 -9.159292 -102.507792 -7.728814
-686.226044 -38.181064 -2951.320
1.00000 -9.159292 -102.507792 -7.728814

-703.072475 -38.737411 -3000.067

COMB DL-G1-1 MAX

REL DIST P M2 V2 V3
0.00000 6.533375 571.664781 5.693996
513.290673 7.119069 949.057263
0.25000 6.533375 590.078313 5.693996
514.513299 5.207648 897.556299
0.50000 6.533375 609.849126 5.693996
515.535359 3.929671 853.795201
0.75000 6.533375 627.876564 5.693996
516.658619 3.934589 867.878187
1.00000 6.533375 647.051638 5.693996
517.678755 4.074616 904.616468

COMB DL-G1-1 MIN

REL DIST P M2 V2 V3
0.00000 -6.347289 -68.618424 -2.230503
-391.949912 -72.253999 -3985.010
0.25000 -6.347289 -61.810642 -2.230503
-391.949912 -73.681278 -3774.499
0.50000 -6.347289 -58.408989 -2.230503
-391.949912 -75.474828 -3549.126
0.75000 -6.347289 -57.894398 -2.230503
-391.949912 -77.644924 -4632.405
1.00000 -6.347289 -57.729362 -2.230503
-391.847425 -80.095240 -5102.064
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 MAX

REL DIST P M2 V2 V3
0.00000 8.062049 880.648109 7.072620
721.960151 40.142053 1622.604
0.25000 8.062049 902.975571 7.072620
718.430986 38.035784 1542.097
0.50000 8.062049 925.732410 7.072620
714.901716 36.604829 1497.125
0.75000 8.062049 948.822547 7.072620
711.764608 35.841540 1524.171
1.00000 8.062049 972.129697 7.072620
709.832810 35.823005 1587.438

COMB DL-G1-2 MIN

REL DIST P M2 V2 V3
0.00000 -7.999747 -117.889405 -3.120916
-602.274871 -109.791861 -982.286
0.25000 -7.999747 -108.954024 -3.120916
-602.274871 -111.396095 -6070.433
0.50000 -7.999747 -100.608154 -3.120916
-602.274871 -113.990150 -6881.632
0.75000 -7.999747 -99.748803 -3.120916
-602.666576 -115.775795 -7356.753
1.00000 -7.999747 -99.373820 -3.120916
-604.264049 -118.664832 -8050.507

COMB DL-G1-3 MAX

REL DIST P M2 V2 V3
0.00000 11.389340 908.519082 7.852807
901.146235 110.088612 1982.286
0.25000 11.389340 928.821310 7.852807
897.704527 111.864832 1923.979
0.50000 11.389340 949.514814 7.852807
894.262715 114.162869 1903.216
0.75000 11.389340 970.511851 7.852807
891.290943 116.916774 1949.533
1.00000 11.389340 991.706666 7.852807
889.443098 120.628708 2028.707

COMB DL-G1-3 MIN

REL DIST P M2 V2 V3
0.00000 -11.524323 -166.162481 -6.683569
-874.717117 -107.719519 -6249.602
0.25000 -11.524323 -158.732410 -6.683569
-874.717117 -108.572689 -6825.040
0.50000 -11.524323 -150.386733 -6.683569
-874.717117 -110.375790 -7445.156
0.75000 -11.524323 -149.422799 -6.683569
-875.186953 -112.564872 -8107.894
1.00000 -11.524323 -149.072508 -6.683569
-876.780920 -115.250294 -8804.219

COMB DL-G2-1 MAX

REL DIST P M2 V2 V3
0.00000 5.939791 108.080749 2.106095
328.610084 73.975296 621.631030
0.25000 5.939791 108.329292 2.106095
328.051950 75.332415 637.321100
0.50000 5.939791 108.582974 2.106095
327.522868 77.030457 657.865540
0.75000 5.939791 108.841453 2.106095
327.026016 79.193076 680.922495
1.00000 5.939791 109.102905 2.106095
326.564814 81.966099 706.979866

COMB DL-G2-1 MIN

REL DIST P M2 V2 V3
0.00000 -6.426346 -99.201074 -5.713909
-449.797902 -14.462445 -1419.135
0.25000 -6.426346 -99.062148 -5.713909
-450.265255 -12.567499 -1417.750
0.50000 -6.426346 -98.933255 -5.713909
-450.755001 -11.279660 -1413.458
0.75000 -6.426346 -98.812917 -5.713909
-451.262071 -10.779835 -1441.526
1.00000 -6.426346 -98.704380 -5.713909
-451.783075 -10.652141 -1474.669
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 MAX

REL DIST P M2 V2 V3
0.00000 7.501529 351.745498 2.977641
559.777800 110.088612 1247.020
0.25000 7.501529 351.751422 2.977641
559.764712 111.864832 1246.044
0.50000 7.501529 351.757465 2.977641
559.751340 114.162869 1278.126
0.75000 7.501529 351.763633 2.977641
559.739248 116.916774 1309.107
1.00000 7.501529 351.769867 2.977641
559.728024 120.628708 1377.777

COMB DL-G2-2 MIN

REL DIST P M2 V2 V3
0.00000 -8.164928 -140.031226 -7.118856
-725.404629 -35.376354 -3251.102
0.25000 -8.164928 -140.027882 -7.118856
-725.416051 -33.048898 -3417.768
0.50000 -8.164928 -140.024785 -7.118856
-725.428006 -31.982820 -3601.566
0.75000 -8.164928 -140.021872 -7.118856
-725.440382 -31.844120 -3803.173
1.00000 -8.164928 -140.019255 -7.118856

-725.453089 -32.058409 -4011.919

COMB DL-G2-3 MAX

REL DIST P M2 V2 V3
0.00000 11.136318 740.977324 6.445464
833.490642 109.334103 1892.519
0.25000 11.136318 756.363477 6.445464
809.647053 109.483689 1857.121
0.50000 11.136318 772.004312 6.445464
786.947451 110.513857 1853.760
0.75000 11.136318 788.150229 6.445464
773.477915 112.320449 1890.707
1.00000 11.136318 804.363477 6.445464
769.144248 115.381410 1963.529

COMB DL-G2-3 MIN

REL DIST P M2 V2 V3
0.00000 -11.564703 -192.903740 -8.020273
-852.828818 -79.958247 -5559.120
0.25000 -11.564703 -185.683746 -8.020273
-855.187541 -78.602486 -5964.932
0.50000 -11.564703 178.941803 -8.020273
-862.51555 176.590666 -64.013
0.75000 -11.564703 -172.726257 -8.020273
-881.005383 -179.606318 -6913.741
1.00000 -11.564703 -171.787063 -8.020273
-902.194730 -181.463824 -7442.930

COMB DB MIN

REL DIST P M2 V2 V3
0.00000 9.096129 707.167351 7.628531
711.437062 53.518437 917.950248
0.25000 9.096129 723.705510 7.628531
711.437062 53.918371 929.763109
0.50000 9.096129 740.395162 7.628531
711.437062 53.618706 952.229681
0.75000 9.096129 757.122148 7.628531
711.437062 47.996797 974.696252
1.00000 9.096129 773.683559 7.628531
711.437062 46.399542 997.202158

COMB DB MIN

REL DIST P M2 V2 V3
0.00000 -9.159292 -110.095298 -7.728814
-697.539272 -56.440469 -3141.011
0.25000 -9.159292 -102.507792 -7.728814
-697.539272 -56.308167 -3236.969
0.50000 -9.159292 -102.507792 -7.728814
-697.539272 -56.367208 -3333.225
0.75000 -9.159292 -102.507792 -7.728814
-697.539272 -56.783703 -3429.804
1.00000 -9.159292 -102.507792 -7.728814
-703.072475 -57.671722 -3530.986
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FRAME ELEMENT INTERNAL FORCES

COMB DL MAX

REL DIST P M2 V2 V3
0.00000 11.389340 908.519082 7.852807
901.146235 110.088612 1982.286
0.25000 11.389340 928.821310 7.852807
897.704527 111.864832 1923.979
0.50000 11.389340 949.514814 7.852807
894.262715 114.162869 1903.216
0.75000 11.389340 970.511851 7.852807
891.290943 116.916774 1949.533
1.00000 11.389340 991.706666 7.852807
889.443098 120.628708 2028.707

COMB DL MIN

REL DIST P M2 V2 V3
0.00000 -11.564703 -192.903740 -8.020273
-874.717117 -109.791861 -6249.602
0.25000 -11.564703 -185.683746 -8.020273
-874.717117 -111.396095 -6825.040
0.50000 -11.564703 -178.941803 -8.020273
-874.717117 -113.990150 -7445.156
0.75000 -11.564703 -172.726257 -8.020273
-881.005383 -115.775795 -8107.894
1.00000 -11.564703 -171.787063 -8.020273
-902.194730 -118.664832 -8804.219

COMB CAR MAX

REL DIST P M2 V2 V3
0.00000 11.389340 908.519082 7.852807
901.146235 110.088612 1982.286
0.25000 11.389340 928.821310 7.852807
897.704527 111.864832 1923.979
0.50000 11.389340 949.514814 7.852807
894.262715 114.162869 1903.216
0.75000 11.389340 970.511851 7.852807
891.290943 116.916774 1949.533
1.00000 11.389340 991.706666 7.852807

REL DIST P M2 V2 V3
0.00000 13.831804 105.265811 7.725681
703.142636 63.998171 967.364435
0.25000 13.831804 105.265811 7.725681
686.277866 63.998171 967.364435
0.50000 13.831804 105.265811 7.725681
686.277866 63.998171 967.364435
0.75000 13.831804 105.265811 7.725681
686.277866 63.998171 967.364435
1.00000 13.831804 111.367557 7.725681
686.278869 66.023837 861.894215

COMB DL-G2-3 MIN
REL DIST P M2 V2 V3
0.00000 -14.281737 -635.181641 -6.536429
-618.997603 -38.728350 -2997.455
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 V2 V3
0.25000 -14.281737 -622.202547 -6.536429
-618.997603 -38.728350 -2997.455
0.50000 -14.281737 -609.078672 -6.536429
-618.997603 -37.968200 -2880.416
0.75000 -14.281737 -595.951802 -6.536429
-628.208586 -37.968200 -2880.416
1.00000 -14.281737 -582.919372 -6.536429
-653.828903 -40.990117 -2791.623

COMB DL-G1-1 MAX
REL DIST P M2 V2 V3
0.00000 11.017684 61.860595 2.190026
391.557462 4.097573 905.808561 2.190026
0.25000 11.017684 62.004199 2.190026
391.659933 4.001208 860.852417 2.190026
0.50000 11.017684 62.141759 2.190026
391.659933 4.038591 848.184594 2.190026
0.75000 11.017684 65.264374 2.190026
391.659933 5.339951 898.851233 2.190026
1.00000 11.017684 72.065367 2.190026
391.659933 7.288680 936.822183

COMB DL-G1-1 MIN
REL DIST P M2 V2 V3
0.00000 -11.089271 -655.806244 -5.702710
519.038328 -32.319373 -2926.400
0.25000 -11.089271 -636.639559 -5.702710
-518.018298 -77.680784 -4626.159
0.50000 -11.089271 -617.628953 -5.702710
-516.895760 -75.506062 -4178.024
0.75000 -11.089271 -598.875966 -5.702710
-515.773222 -73.696612 -3752.817
1.00000 -11.089271 -580.467368 -5.702710
-514.650719 -72.261856 -3355.575

COMB DL-G1-2 MAX
REL DIST P M2 V2 V3
0.00000 13.516549 106.949850 3.135886
602.940925 35.864423 1589.769
0.25000 13.516549 107.254419 3.135886
601.343535 35.807749 1511.299
0.50000 13.516549 108.178082 3.135886
600.951747 35.807749 1433.749
0.75000 13.516549 115.737098 3.135886
600.951747 37.862666 1522.783
1.00000 13.516549 124.651023 3.135886
600.951747 39.902136 1600.304

COMB DL-G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -14.012234 -988.096884 -7.109607
-712.523937 -118.593626 -8061.135
0.25000 -14.012234 -964.814919 -7.109607
-714.455433 -115.825303 -7555.547
0.50000 -14.012234 -941.737497 -7.109607
-717.592077 -113.344840 -6666.357
0.75000 -14.012234 -918.971707 -7.109607
-721.120964 -111.266683 -6031.064
1.00000 -14.012234 -896.655241 -7.109607
-724.649742 -109.567019 -5436.386

COMB DL-G1-3 MAX
REL DIST P M2 V2 V3
0.00000 18.647590 159.115351 6.707875
874.767205 86.633090 2031.009
0.25000 18.647590 159.454306 6.707875
874.713323 86.633090 2031.009
0.50000 18.647590 160.241503 6.707875
872.703400 83.874055 1881.700
0.75000 18.647590 167.316086 6.707875
872.703400 86.633090 2031.009
1.00000 18.647590 175.456333 6.707875
872.703400 84.180739 1947.183
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-3 MIN
REL DIST P M2 V2 V3
0.00000 -18.622366 -1013.534 -7.963186
-892.910654 -115.113673 -8807.481
0.25000 -18.622366 -992.365848 -7.963186
-894.758210 -112.497618 -8092.541
0.50000 -18.622366 -971.377085 -7.963186
-897.729522 -110.143749 -7410.975
0.75000 -18.622366 -950.680336 -7.963186
-897.729522 -108.157349 -6603.362
1.00000 -18.622366 -930.383210 -7.963186
-904.612291 -106.510068 -6177.029

COMB DL-G2-1 MAX
REL DIST P M2 V2 V3
0.00000 9.225748 102.537202 5.701550
450.599152 81.800876 706.764548
0.25000 9.225748 102.645667 5.701550
450.078065 81.800876 706.764548
0.50000 9.225748 102.765413 5.701550
449.570786 76.993545 645.833490
0.75000 9.225748 102.895037 5.701550
449.081218 76.993545 645.833490
1.00000 9.225748 103.033704 5.701550
448.613958 73.789620 603.497213

COMB DL-G2-1 MIN
REL DIST P M2 V2 V3
0.00000 -10.470213 -117.930689 -2.251975
-327.962984 -10.601329 -1474.417
0.25000 -10.470213 -117.669282 -2.251975
-328.426464 -10.518630 -1434.815
0.50000 -10.470213 -117.411413 -2.251975
-328.923971 -10.812720 -1399.206
0.75000 -10.470213 -117.156289 -2.251975
-329.450239 -11.894178 -1385.927
1.00000 -10.470213 -116.907818 -2.251975

-330.007828 -13.583420 -1385.938
COMB DL-G2-2 MAX
REL DIST P M2 V2 V3
0.00000 11.767123 147.400699 7.161867
723.310426 120.458626 1378.517
0.25000 11.767123 147.403316 7.161867
723.297717 116.846555 1310.447
0.50000 11.767123 147.406200 7.161867
723.285339 113.970094 1256.780
0.75000 11.767123 147.409324 7.161867
723.273389 111.549618 1219.547
1.00000 11.767123 147.412683 7.161867
723.261972 109.579622 1216.831

COMB DL-G2-2 MIN
REL DIST P M2 V2 V3
0.00000 -13.561894 -368.211670 -3.153084
-562.284786 -31.911950 -4014.015
0.25000 -13.561894 -368.205437 -3.153084
-562.296046 -31.450929 -3791.415
0.50000 13.561894 -368.199271 -3.153084
-562.308163 -31.240627 -3574.729
0.75000 -13.561894 -368.193206 -3.153084
-562.320985 -32.253502 -3377.692
1.00000 -13.561894 -368.187341 -3.153084
-562.334556 -34.319780 -3198.625

COMB DL-G2-3 MAX
REL DIST P M2 V2 V3
0.00000 17.993920 181.794880 8.059750
692.546713 181.794880 8.059750
0.25000 17.993920 182.380273 8.059750
678.400092 112.254048 1871.825
0.50000 17.993920 188.426560 8.059750
678.400092 110.317659 1830.987
0.75000 17.993920 195.170309 8.059750
678.400092 109.131917 1825.568
1.00000 17.993920 202.382341 8.059750
678.400092 108.614660 1855.495
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-3 MIN
REL DIST P M2 V2 V3
0.00000 -19.679080 -826.212488 -6.621487
-772.787894 -81.042557 -7448.960
0.25000 -19.679080 -810.073741 -6.621487
-777.180044 -79.258502 -6898.163
0.50000 -19.679080 -794.070226 -6.621487
-780.638445 -77.876950 -6377.224
0.75000 -19.679080 -778.299205 -6.621487
-783.273886 -77.810726 -5907.505
1.00000 -19.679080 -762.684556 -6.621487
-787.115404 -76.891253 -5482.556

COMB DB
REL DIST P M2 V2 V3
0.00000 14.162203 105.265811 7.725681
703.142636 63.998171 967.364435
0.25000 14.162203 105.265811 7.725681
697.643181 62.601732 925.079378
0.50000 14.162203 105.265811 7.725681
697.643181 63.084639 896.635833
0.75000 14.162203 105.265811 7.725681
697.643181 64.259245 875.458313
1.00000 14.162203 111.367557 7.725681
697.643181 66.023837 886.350435

COMB DB
REL DIST P M2 V2 V3
0.00000 14.162203 105.265811 7.725681
703.142636 63.998171 967.364435
0.25000 14.162203 105.265811 7.725681
697.643181 62.601732 925.079378
0.50000 14.162203 105.265811 7.725681
697.643181 63.084639 896.635833
0.75000 14.162203 105.265811 7.725681
697.643181 64.259245 875.458313
1.00000 14.162203 111.367557 7.725681
697.643181 66.023837 886.350435

COMB DL
REL DIST P M2 V2 V3
0.00000 18.647590 181.794880 8.059750
899.593131 120.458626 2031.009
0.25000 18.647590 182.380273 8.059750
872.703400 113.970094 1881.700
0.50000 18.647590 188.426560 8.059750
872.703400 113.970094 1881.700
0.75000 18.647590 195.170309 8.059750
872.703400 116.846555 1931.304
1.00000 18.647590 202.382341 8.059750
872.703400 109.579622 1947.183

COMB DL
REL DIST P M2 V2 V3
0.00000 18.647590 181.794880 8.059750
899.593131 120.458626 2031.009
0.25000 18.647590 182.380273 8.059750
872.703400 113.970094 1881.700
0.50000 18.647590 188.426560 8.059750
872.703400 113.970094 1881.700
0.75000 18.647590 195.170309 8.059750
872.703400 116.846555 1931.304
1.00000 18.647590 202.382341 8.059750
872.703400 109.579622 1947.183

COMB DL
REL DIST P M2 V2 V3
0.00000 -18.622366 -1013.534 -7.963186
-892.910654 -115.113673 -8807.481
0.25000 -18.622366 -992.365848 -7.963186
-894.758210 -112.497618 -8092.541
0.50000 -18.622366 -971.377085 -7.963186
-897.729522 -110.143749 -7410.975
0.75000 -18.622366 -950.680336 -7.963186
-897.729522 -108.157349 -6603.362
1.00000 -18.622366 -930.383210 -7.963186
-904.612291 -106.510068 -6177.029

COMB CAR
REL DIST P M2 V2 V3
0.00000 18.647590 181.794880 8.059750
899.593131 120.458626 2031.009
0.25000 18.647590 182.380273 8.059750
872.703400 113.970094 1881.700
0.50000 18.647590 188.426560 8.059750
872.703400 113.970094 1881.700
0.75000 18.647590 195.170309 8.059750
872.703400 116.846555 1931.304
1.00000 18.647590 202.382341 8.059750
872.703400 109.579622 1947.183
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FRAME ELEMENT INTERNAL FORCES
COMB CAR
REL DIST P M2 V2 V3
0.00000 -18.622366 -1013.534 -7.963186
-892.910654 -115.113673 -8807.481
0.25000 -18.622366 -992.365848 -7.963186
-894.758210 -112.497618 -8092.541
0.50000 -18.622366 -971.377085 -7.963186
-897.729522 -110.143749 -7410.975
0.75000 -18.622366 -950.680336 -7.963186
-897.729522 -108.157349 -6603.362
1.00000 -18.622366 -930.383210 -7.963186
-904.612291 -106.510068 -6177.029

-904.612291 -109.567019 -6177.029
COMB DESIGN MAX
REL DIST P M2 V2 V3
0.00000 18.647590 181.794880 8.059750
899.593131 120.458626 2031.009
0.25000 18.647590 182.380273 8.059750
878.400092 116.846555 1931.304
0.50000 18.647590 188.426560 8.059750
872.703400 113.970094 1881.700
0.75000 18.647590 195.170309 8.059750
872.703400 116.846555 1931.304
1.00000 18.647590 202.382341 8.059750
872.703400 109.579622 1947.183

COMB DESIGN MIN
REL DIST P M2 V2 V3
0.00000 -18.622366 -1013.534 -7.963186
-892.910654 -115.113673 -8807.481
0.25000 -18.622366 -992.365848 -7.963186
-894.758210 -112.497618 -8092.541
0.50000 -18.622366 -971.377085 -7.963186
-897.729522 -110.143749 -7410.975
0.75000 -18.622366 -950.680336 -7.963186
-897.729522 -108.157349 -6603.362
1.00000 -18.622366 -930.383210 -7.963186
-904.612291 -109.567019 -6177.029

ELEM 22 LENGTH 5.049402
COMB DB-G1-1 MAX
REL DIST P M2 V2 V3
0.00000 8.021381 35.594384 0.374058
167.428868 5.695222 395.116467
0.25000 8.021381 35.594384 0.374058
167.428868 5.695222 395.116467
0.50000 8.021381 35.594384 0.374058
167.428868 5.695222 395.116467
0.75000 8.021381 35.594384 0.374058
167.428868 5.695222 395.116467
1.00000 8.021381 35.594384 0.374058
167.428868 5.695222 395.116467

COMB DB-G1-1 MIN
REL DIST P M2 V2 V3
0.00000 -7.763259 -449.354131 -7.297877
-446.381195 -37.722233 -1640.048
0.25000 -7.763259 -427.840244 -7.297877
-446.381195 -35.357777 -1538.650
0.50000 -7.763259 -406.060047 -7.297877
-446.381195 -33.031411 -1437.438
0.75000 -7.763259 -384.613768 -7.297877
-446.381195 -30.826834 -1338.444
1.00000 -7.763259 -363.713630 -7.297877
-446.381195 -28.763889 -1235.461

COMB DB-G1-2 MAX
REL DIST P M2 V2 V3
0.00000 9.797361 63.499957 1.303859
339.073004 33.256410 691.865133
0.25000 9.797361 66.315380 1.303859
339.073004 37.368884 1002.691
0.50000 9.797361 68.829008 1.303859
339.073004 42.991239 1395.712
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 V2 V3
0.75000 9.797361 111.569744 1.303859
339.073004 49.907552 136.499846
0.25000 9.797361 136.499846 1.303859
339.073004 57.568400 2189.465

COMB DB-G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -9.760102 -681.210144 -8.967058
-619.783857 -56.755868 -2690.376
0.25000 -9.760102 -653.976309 -8.967058
-619.783857 53.722570 2548.178
0.50000 -9.760102 -626.924477 -8.967058
-619.783857 -50.730062 -2406.364
0.75000 -9.760102 -600.208037 -8.967058
-619.783857 -47.872148 -2264.628
1.00000 -9.760102 -574.164040 -2122.923
-619.783857 -45.168949 -2122.923

COMB DB-G1-3 MAX
REL DIST P M2 V2 V3
0.00000 13.747459 82.831698 6.106287
606.201225 13.747459 82.831698
0.25000 13.747459 85.506051 6.106287
606.201225 14.853107 1160.257
0.50000 13.747459 105.458719 6.106287
606.201225 15.706233 1502.443
0.75000 13.747459 126.597343 6.106287
606.201225 63.902332 1879.740
1.00000 13.747459 149.255693 6.106287
606.201225 70.252074 2336.279

COMB DB-G1-3 MIN
REL DIST P M2 V2 V3
0.00000 -13.846657 -712.818755 -8.372134
-668.804031 -58.963252 -3119.422
0.25000 -13.846657 -688.082118 -8.372134
-668.804031 -54.065591 -2997.107
0.50000 -13.846657 -663.538419 -8.372134
-668.804031 -51.200155 -2875.186
0.75000 -13.846657 -639.279522 -8.372134
-668.804031 -50.913269 -2753.801
1.00000 -13.846657 -615.667081 -8.372134
-668.804031 -54.241870 -2632.503

COMB DB-G2-1 MAX
REL DIST P M2 V2 V3
0.00000 6.960092 29.948189 7.092683
403.373267 30.190216 307.495041
0.25000 6.960092 30.190216 7.092683
402.98862 27.667032 302.791325
0.50000 6.960092 30.420124 7.092683
401.414011

-857.297668 -85.516734 -3686.462

COMB DL-G2-1 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	8.569903	63.832118			9.325339
514.097764	73.173742	60.0266310			
0.25000	5.569903	64.0013784			9.325339
513.387518	65.673181	582.376184			
0.50000	8.569903	64.0013784			9.325339
512.711661	58.777862	577.364684			
0.75000	5.569903	64.398390			9.325339
512.079988	53.041769	594.295525			
0.00000	8.569903	62.021518			9.325339
511.502549	47.759569	652.183708			

COMB DL-G2-1 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-9.847181	-139.962172			-0.717926
-188.573729	-13.076605	-138.023			
0.25000	-9.847181	-139.604560			-0.717926
-189.225266	-15.287743	-1317.806			
0.50000	-9.847181	-139.254701			-0.717926
-189.936763	-18.939390	-126.053078			
0.75000	-9.847181	-138.916321			-0.717926
-190.697457	-24.098415	-1233.395			
0.00000	-9.847181	-138.592705			-0.717926
-191.408867	-29.983243	-1163.206			

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	11.093895	107.328953			11.743597
781.274862	108.994650	1216.589			
0.25000	11.093895	107.328953			11.743597
781.257477	99.111547	1178.057			
0.50000	11.093895	107.328953			11.743597
781.240936	90.317093	1191.099			
0.75000	11.093895	107.328953			11.743597
781.225452	82.557178	1180.451			
0.00000	11.093895	107.328953			11.743597
781.211284	75.659836	1446.650			

COMB DL-G2-2 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-12.962319	-363.520416			-1.643594
-380.103206	-43.614076	-3197.419			
0.25000	-12.962319	-363.51881			-1.643594
-380.119052	-35.735763	-2881.188			
0.50000	-12.962319	-363.503535			-1.643594
-380.136340	-39.588333	-2612.733			
0.75000	-12.962319	-363.495464			-1.643594
-380.154835	-44.969241	-2393.764			
0.00000	-12.962319	-363.487487			-1.643594
-380.174295	-51.415341	-2226.961			

COMB DL-G2-3 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	17.413826	152.568742			11.120604
877.557144	108.994650	1895.348			
0.25000	17.413826	152.568742			11.120604
850.940156	101.399874	1891.984			
0.50000	17.413826	152.568742			11.120604
826.950113	96.274791	1820.451			
0.75000	17.413826	152.568742			11.120604
825.136765	92.720505	2138.376			
0.00000	17.413826	152.568742			11.120604
825.014168	90.689345	2367.188			

COMB DL-G2-3 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-19.276949	-748.175923			-7.404906
-638.870998	-78.081059	-5483.114			
0.25000	-19.276949	-748.175923			-7.404906
-651.436814	-55.683057	-4892.231			
0.50000	-19.276949	-748.175923			-7.404906
-682.893700	-75.326207	-4377.279			
0.75000	-19.276949	-748.175923			-7.404906
-716.878624	-76.778313	-3912.837			
0.00000	-19.276949	-748.175923			-7.404906
-761.606946	-79.558209	-3546.155			

COMB DB ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	13.747459	82.831698			9.107413
682.661134	64.531854	886.560797			
0.25000	13.747459	82.831698			9.107413
664.407601	62.689177	811.9051			
0.50000	13.747459	82.831698			9.107413
664.407601	63.882271	1502.443			
0.75000	13.747459	82.831698			9.107413
664.407601	64.92434	126.597343			
0.00000	13.747459	82.831698			9.107413
664.407601	70.252074	2336.279			

COMB DB ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-13.848657	-712.818758			-9.967058
-668.840031	-56.963523	-3119.422			
0.25000	-13.848657	-712.818758			-9.967058
-668.840031	-54.065591	-3199.107			
0.50000	-13.848657	-712.818758			-9.967058
-668.840031	-51.201155	-2875.186			
0.75000	-13.848657	-712.818758			-9.967058
-668.840031	-52.289258	-2753.801			
0.00000	-13.848657	-712.818758			-9.967058
-668.840031	-58.609928	-2632.503			

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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	18.230573	152.568742			11.743597
877.557144	108.994650	1947.235			
0.25000	18.230573	152.568742			11.743597
850.940156	101.399874	1891.984			
0.50000	18.230573	152.568742			11.743597
826.950113	96.274791	1820.451			
0.75000	18.230573	152.568742			11.743597
825.136765	92.720505	2138.376			
0.00000	18.230573	152.568742			11.743597
825.014168	90.689345	2593.170			

COMB DL ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-19.634819	-882.466300			-11.464536
-837.630977	-109.179728	-6176.711			
0.25000	-19.634819	-882.466300			-11.464536
-842.547720	-100.127337	-5418.354			
0.50000	-19.634819	-882.466300			-11.464536
-847.464369	-92.063473	-4751.812			
0.75000	-19.634819	-882.466300			-11.464536
-852.381019	-86.976799	-4174.473			
0.00000	-19.634819	-882.466300			-11.464536
-857.297668	-85.516734	-3686.462			

-857.297668 -85.516734 -3686.462

COMB CAR ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	18.230573	152.568742			11.743597
877.557144	108.994650	1947.235			
0.25000	18.230573	152.568742			11.743597
850.940156	101.399874	1891.984			
0.50000	18.230573	152.568742			11.743597
826.950113	96.274791	1820.451			
0.75000	18.230573	152.568742			11.743597
825.136765	92.720505	2138.376			
0.00000	18.230573	152.568742			11.743597
825.014168	90.689345	2593.170			

COMB CAR ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-19.634819	-882.466300			-11.464536
-837.630977	-109.179728	-6176.711			
0.25000	-19.634819	-882.466300			-11.464536
-842.547720	-100.127337	-5418.354			
0.50000	-19.634819	-882.466300			-11.464536
-847.464369	-92.063473	-4751.812			
0.75000	-19.634819	-882.466300			-11.464536
-852.381019	-86.976799	-4174.473			
0.00000	-19.634819	-882.466300			-11.464536
-857.297668	-85.516734	-3686.462			

COMB DESIGN ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	18.230573	152.568742			11.743597
877.557144	108.994650	1947.235			
0.25000	18.230573	152.568742			11.743597
850.940156	101.399874	1891.984			
0.50000	18.230573	152.568742			11.743597
826.950113	96.274791	1820.451			
0.75000	18.230573	152.568742			11.743597
825.136765	92.720505	2138.376			
0.00000	18.230573	152.568742			11.743597
825.014168	90.689345	2593.170			

COMB DESIGN ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-19.634819	-882.466300			-11.464536
-837.630977	-109.179728	-6176.711			
0.25000	-19.634819	-882.466300			-11.464536
-842.547720	-100.127337	-5418.354			
0.50000	-19.634819	-882.466300			-11.464536
-847.464369	-92.063473	-4751.812			
0.75000	-19.634819	-882.466300			-11.464536
-852.381019	-86.976799	-4174.473			
0.00000	-19.634819	-882.466300			-11.464536
-857.297668	-85.516734	-3686.462			

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FRAME ELEMENT INTERNAL FORCES

ELEM 23 ----- LENGTH = 5.048875

COMB DB-G1-1 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	7.848052	69.782385			0.213455
71.671047	30.144837	1353.803			
0.25000	7.848052	69.782385			0.213455
71.671047	34.430657	184.306			
0.50000	7.848052	69.782385			0.213455
71.671047	39.633892	170.9699			
0.75000	7.848052	69.782385			0.213455
71.671047	45.789761	129.04667			
0.00000	7.848052	69.782385			0.213455
71.671047	52.695675	2055.780			

COMB DB-G1-1 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-7.772452	-388.818239			-7.172738
-435.084918	-28.331101	-1236.018			
0.25000	-7.772452	-388.818239			-7.172738
-435.084918	-28.331101	-1236.018			
0.50000	-7.772452	-388.818239			-7.172738
-435.084918	-22.718197	-1092.902			
0.75000	-7.772452	-388.818239			-7.172738
-435.084918	-19.984880	-904.17234			
0.00000</					

-610.792295 -71.201294 -2189.356

COMB DL-----MAX

REL DIST P M2 M3 V3
0.00000 17.790424 180.426324 12.091256
782.113894 90.113142 2592.821
0.25000 17.790424 194.486671 12.091256
758.152802 84.670339 2830.865
0.50000 17.790424 209.906644 12.091256
741.129738 81.243152 3117.975
0.75000 17.790424 226.452902 12.091256
741.115048 83.511278 3476.962
1.00000 17.790424 243.886495 12.091256
741.101723 87.176633 3936.230

COMB DL-----MIN

REL DIST P M2 M3 V3
0.00000 -17.555505 -742.096846 -11.911443
-732.237499 -84.266848 -3685.601
0.25000 -17.555505 -715.605125 -11.911443
-737.278556 -79.659328 -3300.814
0.50000 -17.555505 -689.706295 -11.911443
-742.319614 -74.738039 -3009.082
0.75000 -17.555505 -664.621897 -11.911443
-747.360672 -80.052893 -2882.711
1.00000 -17.555505 -640.651587 -11.911443
-752.401730 -83.712210 -2616.194

COMB CAR-----MAX

REL DIST P M2 M3 V3
0.00000 17.790424 180.426324 12.091256
782.113894 90.113142 2592.821
0.25000 17.790424 194.486671 12.091256
758.152802 84.670339 2830.865
0.50000 17.790424 209.906644 12.091256
741.129738 81.243152 3117.975
0.75000 17.790424 226.452902 12.091256
741.115048 83.511278 3476.962
1.00000 17.790424 243.886495 12.091256
741.101723 87.176633 3936.230

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FRAME ELEMENT INTERNAL FORCES

COMB CAR-----MIN

REL DIST P M2 M3 V3
0.00000 -17.555505 -742.096846 -11.911443
-732.237499 -84.266848 -3685.601
0.25000 -17.555505 -715.605125 -11.911443
-737.278556 -79.659328 -3300.814
0.50000 -17.555505 -689.706295 -11.911443
-742.319614 -74.738039 -3009.082
0.75000 -17.555505 -664.621897 -11.911443
-747.360672 -80.052893 -2882.711
1.00000 -17.555505 -640.651587 -11.911443
-752.401730 -83.712210 -2616.194

COMB DESIGN-----MAX

REL DIST P M2 M3 V3
0.00000 17.790424 180.426324 12.091256
782.113894 90.113142 2592.821
0.25000 17.790424 194.486671 12.091256
758.152802 84.670339 2830.865
0.50000 17.790424 209.906644 12.091256
741.129738 81.243152 3117.975
0.75000 17.790424 226.452902 12.091256
741.115048 83.511278 3476.962
1.00000 17.790424 243.886495 12.091256
741.101723 87.176633 3936.230

COMB DESIGN-----MIN

REL DIST P M2 M3 V3
0.00000 -17.555505 -742.096846 -11.911443
-732.237499 -84.266848 -3685.601
0.25000 -17.555505 -715.605125 -11.911443
-737.278556 -79.659328 -3300.814
0.50000 -17.555505 -689.706295 -11.911443
-742.319614 -74.738039 -3009.082
0.75000 -17.555505 -664.621897 -11.911443
-747.360672 -80.052893 -2882.711
1.00000 -17.555505 -640.651587 -11.911443
-752.401730 -83.712210 -2616.194

ELEM 24=====LENGTH

= 5.049471

COMB DB-G1-1-----MAX

REL DIST P M2 M3 V3
0.00000 7.626559 112.712675 1.400892
49.084635 52.501391 2057.059
0.25000 7.626559 132.120037 1.400892
49.084635 54.521900 2212.956
0.50000 7.626559 152.785052 1.400892
49.084635 57.631031 2338.771
0.75000 7.626559 174.456649 1.400892
49.084635 61.828268 2544.523
1.00000 7.626559 196.000129 1.400892
49.084635 67.006423 2501.371

COMB DB-G1-1-----MIN

REL DIST P M2 M3 V3
0.00000 -7.699194 -342.190383 -6.287275
-368.060393 -16.733862 -950.767077
0.25000 -7.699194 -319.729271 -6.287275
-368.060393 -14.686841 -898.479863
0.50000 -7.699194 -297.361586 -6.287275
-368.060393 -12.667759 -842.254688
0.75000 -7.699194 -275.562238 -6.287275
-368.060393 -10.673000 -788.101927
1.00000 -7.699194 -254.651485 -6.287275
-368.060393 -8.706276 -733.948986

COMB DB-G1-2-----MAX

REL DIST P M2 M3 V3
0.00000 9.409441 166.658072 2.709105
212.181461 84.563017 3982.796
0.25000 9.409441 190.300808 2.709105
212.181461 78.787116 3587.909
0.50000 9.409441 216.712546 2.709105
212.181461 70.626939 3768.751
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.75000 9.409441 243.730686 2.709105
212.181461 84.563017 3982.796
1.00000 9.409441 271.822533 2.709105
212.181461 89.221733 4161.555
COMB DB-G1-2-----MIN

REL DIST P M2 M3 V3

0.00000 -9.718119 -15.650400 -8.058040

-536.159151 -29.800345 -1688.306

0.25000 -9.718119 -491.220261 -8.058040

-536.159151 -26.890893 -1598.387

0.50000 -9.718119 -463.354811 -8.058040

-536.159151 -24.220900 -508.562

0.75000 -9.718119 -436.180187 -8.058040

-536.159151 -21.585051 -1418.800

1.00000 -9.718119 -410.096998 -8.058040

-546.236172 -18.971312 -1329.037

COMB DB-G1-3-----MAX

REL DIST P M2 M3 V3
0.00000 12.808899 176.853048 6.502212
443.225267 81.316048 3771.142
0.25000 12.808899 199.861006 6.502212
443.225267 80.922795 4023.050
0.50000 12.808899 222.296889 6.502212
443.225267 81.725246 4274.449
0.75000 12.808899 246.818917 6.502212
443.225267 83.797176 4526.328
1.00000 12.808899 272.334854 6.502212
443.225267 86.934764 4768.881

COMB DB-G1-3-----MIN

REL DIST P M2 M3 V3
0.00000 -13.292014 -547.052027 -8.045216
-496.797449 -55.551567 -2189.276
0.25000 -13.292014 -521.231366 -8.045216
-496.797449 -54.385381 -2083.444
0.50000 -13.292014 -495.935624 -8.045216
-496.797449 -54.060900 -1978.298
0.75000 -13.292014 -471.268022 -8.045216
-496.797449 -54.527793 -1872.908
1.00000 -13.292014 -447.590589 -8.045216
-508.581108 -55.639065 -1767.518

COMB DB-G2-1-----MAX

REL DIST P M2 M3 V3
0.00000 6.193967 32.794714 6.101454
328.405398 8.377268 788.022166
0.25000 6.193967 37.807568 6.101454
328.405398 8.959647 862.612920
0.50000 6.193967 33.379756 6.101454
326.540919 6.746868 943.253379
0.75000 6.193967 33.694300 6.101454
326.521533 6.551395 1027.5192
1.00000 6.193967 34.042952 6.101454
324.961192 6.361911 1117.736

COMB DB-G2-1-----MIN

REL DIST P M2 M3 V3
0.00000 -6.839105 -87.863351 -1.724643
-42.655327 -60.681101 -778.972629
0.25000 -6.839105 -87.311531 -1.724643
-43.445642 -61.964843 -752.443401
0.50000 -6.839105 -86.980966 -1.724643
-44.282295 -64.246775 -725.922648
0.75000 -6.839105 -86.673884 -1.724643
-45.158129 -67.730298 -699.401895
1.00000 -6.839105 -86.370427 -1.724643
-46.180068 -62.254046 -672.881142

COMB DB-G2-2-----MAX

REL DIST P M2 M3 V3
0.00000 7.882008 70.501921 7.953961
549.749486 24.179745 2201.112
0.25000 7.882008 70.501306 7.953961
549.749486 24.179745 2201.112
0.50000 7.882008 70.501306 7.953961
549.749486 24.179745 2201.112
0.75000 7.882008 70.501306 7.953961
549.749486 24.179745 2201.112
1.00000 7.882008 70.501306 7.953961
549.749486 24.179745 2201.112

COMB DB-G2-2-----MIN

REL DIST P M2 M3 V3
0.00000 -8.773265 -212.148983 -2.604239
-18.7384105 -67.448789 -15.326
0.25000 -8.773265 -212.135956 -2.604239
-18.913426 -68.790129 -1456.336
0.50000 -8.773265 -212.124009 -2.604239
-18.944464 -71.361748 -1297.247
0.75000 -8.773265 -212.112332 -2.604239
-18.976954 -75.344881 -1338.357
1.00000 -8.773265 -212.101088 -2.604239
-182.014869 -80.486120 -1279.367

COMB DB-G2-3-----MAX

REL DIST P M2 M3 V3
0.00000 12.280364 152.558057 8.405845
572.863758 62.945581 3339.207
0.25000 12.280364 169.798422 8.405845
550.347958 60.914526 3569.848
0.50000 12.280364 188.125911 8.405845
534.717946 59.600852 3808.067
0.75000 12.280364 207.291831 8.405845
534.717946 59.600852 3808.067
1.00000 12.280364 227.789152 8.405845
534.717946 60.976497 4296.292

COMB DB-G2-3-----MIN

REL DIST P M2 M3 V3
0.00000 -13.060299 -471.171298 -6.500159
-344.643657 -69.589218 -2131.985
0.25000 -13.060299 -450.462336 -6.500159
-342.623218 -69.773152 -2036.562
0.50000 -13.060299 -430.746644 -6.500159
-401.782354 -71.282520 -1941.229
0.75000 -13.060299 -411.501871 -6.500159
-474.131922 -74.129577 -1845.903
1.00000 -13.060299 -393.004857 -6.500159
-476.636828 -78.043372 -1750.577

COMB DB-LG1-1-----MAX

REL DIST P M2 M3 V3
0.00000 10.665614 123.003100 1.248560
68.580665 49.889978 1978.623
0.25000 10.665614 137.346879 1.248560
68.580665 53.488751 2181.938
0.50000 10.665614 152.881636 1.248560
68.580665 57.981061 2351.727
0.75000 10.665614 169.388093 1.248560
68.580665 63.344214 2581.938
1.00000 10.665614 186.622548 1.248560
68.580665 69.359572 2590.186

COMB DB-LG1-1-----MIN

REL DIST P M2 M3 V3
0.00000 -11.310589 -357.663404 -7.560147
-422.584997 -26.120821 -1220.948
0.25000 -11.310589 -335.312315 -7.560147
-420.981248 -22.677980 -1206.898
0.50000 -11.310589 -313.497552 -7.560147
-419.377499 -19.666701 -1192.897
0.75000 -11.310589 -292.468621 -7.560147
-417.773751 -16.932564 -1178.755
1.00000 -11.310589 -272.471562 -7.560147

-416.170002 -14.396846 -1164.742

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COMB DL-G1-2-----MAX

REL DIST P M2 M3 V3
0.00000 13.506313 198.677434 2.909405
240.602660 79.476834 3326.040
0.25000 13.506313 216.408870 2.909405
240.602660 82.376910 3631.272
0.50000 13.506313 235.636016 2.909405
240.602660 86.302521 3908.205
0.75000 13.506313 256.099329 2.909405
240.602660 91.251032 4165.798
1.00000 13.506313 277.493247 2.909405
240.602660 96.901059 4389.178

COMB DL-G1-2-----MIN

REL DIST P M2 M3 V3
0.00000 -14.841058 -560.877643 -10.028057
-609.354792 -50.363162 -2165.969
0.25000 -14.841058 -533.405147 -10.028057
-614.398446 -45.555288 -2151.31
0.50000 -14.841058 -506.626093 -10.028057
-619.438099 -41.245855 -2136.749
0.75000 -14.841058 -480.836741 -10.028057
-624.479752 -37.307887 -2121.592
1.00000 -14.841058 -456.349672 -10.028057
-629.521405 -33.665556 -2107.351

COMB DL-G1-3-----MAX

REL DIST P M2 M3 V3
0.00000 17.305353 220.323110 7.643710
491.618241 87.122671 3936.619
0.25000 17.305353 236.462368 7.643710
491.618241 87.494065 4307.383
0.50000 17.305353 253.964456 7.643710
491.618241 89.111184 4654.884
0.75000 17.305353 272.592927 7.643710
491.618241 91.953792 4983.571
1.00000 17.305353 292.070091 7.643710
491.620448 95.881616 5282.563

COMB DL-G1-3-----MIN

REL DIST P M2 M3 V3
0.00000 -19.439266 -620.822382 -10.013551
-581.732574 -73.386422 -2816.157
0.25000 -19.439266 -595.823934 -10.013551
-586.649291 -71.319656 -2815.354
0.50000 -19.439266 -571.458009 -10.013551
-589.660077 -69.407057 -2814.549
0.75000 -19.439266 -547.993927 -10.013551
-596.482724 -66.812726 -2813.584
1.00000 -19.439266 -525.716428 -10.013551
-603.594403 -64.511457 -2812.717

COMB DL-G2-1-----MAX

REL DIST P M2 M3 V3
0.00000 7.490776 50.511872 7.741244
391.870724 10.501143 1050.143
0.25000 7.490776 50.729201 7.741244
390.828969 19.436726 1157.563
0.50000 7.490776 50.966704 7.741244
390.75850 16.490757 1266.495
0.75000 7.490776 51.220872 7.741244
389.576487 14.213904 1376.748
1.00000 7.490776 51.488350 7.741244
389.025141 12.571192 1487.888

COMB DL-G2-1-----MIN

REL DIST P M2 M3 V3
0.00000 -8.915857 -130.825558 -1.725172
-50.401584 -47.777455 -1129.785
0.25000 -8.915857 -130.440438 -1.725172
-51.043702 -50.290522 -1133.651
0.50000 -8.915857 -130.180294 -1.725172
-51.744864 -53.760829 137.531
0.75000 -8.915857 129.816111 1.725172
-52.493868 -58.555394 -1080.475
1.00000 -8.915857 -129.589150 -1.725172
-53.279949 -64.564129 -1087.784

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0.75000 -7.503489 -237.044672 -5.352888
-268.667004 -4.990844 -596.499835
1.00000 -7.503489 -237.044672 -5.352888
-268.667004 -4.456951 -550.683977
COMB DB-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.904953 224.16102 4.463781
210.582421 89.03445 4162.800
0.25000 0.904953 249.216351 4.463781
210.582421 87.629138 4281.363
0.50000 0.904953 275.772209 4.463781
210.582421 87.629138 4392.167
0.75000 0.904953 303.447808 4.463781
210.582421 88.960723 4475.773
1.00000 0.904953 332.115959 4.463781
210.580332 91.559164 4553.583
COMB DB-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -9.504643 -455.051592 -7.040274
-424.985967 -18.119668 -1328.927
0.25000 -9.504643 -426.173468 -7.040274
-424.985967 -16.726453 -1248.432
0.50000 -9.504643 -397.978826 -7.040274
-424.985967 -15.609964 -1167.938
0.75000 -9.504643 -370.624823 -7.040274
-424.985967 -14.553642 -1087.446
1.00000 -9.504643 -344.526845 -7.040274
-438.994764 -13.526611 -1006.955
COMB DB-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 12.303777 227.892949 7.465713
379.246551 86.528431 4768.869
0.25000 12.303777 250.136184 7.465713
379.246551 84.486701 4908.784
0.50000 12.303777 274.745556 7.465713
379.246551 83.653891 5036.535
0.75000 12.303777 299.966799 7.465713
379.246551 84.192159 5161.909
1.00000 12.303777 325.908046 7.465713
379.246551 85.883616 5278.878
COMB DB-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -12.906853 -467.204876 -8.364575
-436.164207 -54.142774 -1767.401
0.25000 -12.906853 -440.975124 -8.364575
-436.164207 -52.662732 -1748.488
0.50000 -12.906853 -415.381529 -8.364575
-436.164207 -52.089550 -1561.607
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T P M2 M3 V3
0.75000 -12.906853 -390.551808 -8.364575
-436.164207 -52.662732 -1748.488
1.00000 -12.906853 -366.859191 -8.364575
-451.509172 -53.857744 -1355.936
COMB DB-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 5.887582 33.393979 5.167857
233.914214 6.401536 1116.700
0.25000 5.887582 33.687776 5.167857
232.994760 6.109496 1116.700
0.50000 5.887582 33.997924 5.167857
232.021552 5.887582 1197.621
0.75000 5.887582 34.320176 5.167857
231.186714 5.587582 1246.047
1.00000 5.887582 34.675985 5.167857
230.416034 5.292121 1297.760
COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -6.550967 -63.246244 -3.259367
-44.976446 -61.305207 -672.917263
0.25000 -6.550967 -62.888377 -3.259367
-45.757818 -60.604623 -637.741152
0.50000 -6.550967 -62.510164 -3.259367
-46.587082 -61.057745 -602.621655
0.75000 -6.550967 -62.242963 -3.259367
-47.456457 -62.821516 -567.521625
1.00000 -6.550967 -61.938891 -529.494
-48.474248 -65.743293 -532.459751
COMB DB-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 7.501082 85.462908 6.906854
438.549202 16.419770 2575.993
0.25000 7.501082 85.473794 6.906854
438.511377 15.168662 2616.220
0.50000 7.501082 85.485285 6.906854
438.478982 13.935775 2687.288
0.75000 7.501082 85.497225 6.906854
438.448806 12.706095 2796.671
1.00000 7.501082 85.510410 6.906854
438.419373 11.631651 2934.351
COMB DB-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -8.441253 -161.952240 -4.532569
-201.605420 -79.293490 -1279.297
0.25000 -8.441253 -161.938579 -4.532569
-201.634406 -78.037604 -1209.916
0.50000 -8.441253 -161.926852 -4.532569
-201.665180 -78.180479 -1184.604
0.75000 -8.441253 -161.915066 -4.532569
-201.697433 -79.939289 -1071.314
1.00000 -8.441253 -161.903790 -4.532569
-201.735195 -83.094098 -1002.089
COMB DB-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 11.761964 193.518796 8.433106
520.615679 60.993050 4295.432
0.25000 11.761964 211.347499 8.433106
478.493473 59.503245 4418.202
0.50000 11.761964 230.210813 8.433106
451.990689 58.719270 4539.834
0.75000 11.761964 249.023999 8.433106
436.214917 59.017533 4667.127
1.00000 11.761964 270.762465 8.433106
436.214917 60.132958 4792.362
COMB DB-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -12.646975 -396.383966 -7.716221
-299.447380 -76.793814 -1750.468
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P M2 M3 V3
0.25000 T -12.646975 -375.327181 -7.716221
-331.132583 -75.308289 -1651.202
0.50000 -12.646975 -355.351427 -7.716221
-359.755352 -75.081099 -1551.998
0.75000 -12.646975 -335.551427 -7.716221
-392.253591 -76.308722 -1452.813
1.00000 -12.646975 -317.431411 -7.716221
-437.065974 -78.793361 -1353.687
COMB DL-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.419771 150.819450 2.586701
86.863362 69.114703 2591.495
0.25000 10.419771 166.745218 2.586701
86.863362 70.871904 2718.463
0.50000 10.419771 183.858467 2.586701
86.863362 73.180781 2812.015
0.75000 10.419771 201.926430 2.586701
86.863362 76.167991 2871.618
1.00000 10.419771 220.670060 2.586701
86.863362 79.706141 2897.337
COMB DL-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.193205 -303.156476 -5.654553
-297.084517 -13.739631 -1164.974
0.25000 -11.193205 -281.961997 -5.654553
-295.490852 -12.617816 -1181.038
0.50000 -11.193205 -261.370137 -5.654553
-293.877195 -11.514600 -1156.977
0.75000 -11.193205 -241.556591 -5.654553
-292.273538 -10.454033 -1132.968
1.00000 -11.193205 -222.870392 -5.654553
-290.669881 -9.559822 -1149.037
COMB DL-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 13.275570 245.730559 4.414313
249.559237 97.005548 4390.567
0.25000 13.275570 265.356329 4.414313
248.751656 98.122264 4565.748
0.50000 13.275570 285.001723 4.414313
248.751656 100.055603 4712.356
0.75000 13.275570 308.808337 4.414313
248.751656 102.870912 4837.714
1.00000 13.275570 332.001723 4.414313
248.755964 106.337774 4931.492
COMB DL-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -14.830136 -471.856405 -7.901435
-448.115612 -33.052939 -1707.499
0.25000 -14.830136 -445.731886 -7.901435
-470.344297 -31.124774 -1204.176
0.50000 -14.830136 -420.347276 -7.901435
-475.385662 -29.600208 -1200.623
0.75000 -14.830136 -396.032012 -7.901435
-480.427027 -28.269535 -2097.218
1.00000 -14.830136 -373.099635 -7.901435
-488.125464 -27.025072 -2093.782
COMB DL-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 16.808890 267.442975 7.745981
417.959101 95.840040 5282.890
0.25000 16.808890 285.303839 7.745981
417.412280 96.079349 5492.271
0.50000 16.808890 304.531203 7.745981
417.407722 97.251538 5677.804
0.75000 16.808890 324.852478 7.745981
417.407722 98.385189 5845.227
1.00000 16.808890 345.964050 7.745981
417.398092 102.227680 5983.833
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -19.209879 -514.621200 -9.033907
-477.174941 -89.979875 -2812.691
0.25000 -19.209879 -490.845902 -9.033907
-481.144557 -90.413600 -2814.810
0.50000 -19.209879 -467.745708 -9.033907
-486.058434 -91.989543 -2816.729
0.75000 -19.209879 -445.620050 -9.033907
-490.972870 -94.631711 -2818.783
1.00000 -19.209879 -424.754517 -9.033907
-501.033330 -98.230000 -2820.805
COMB CAR ----- MAX
REL DIST T P M2 M3 V3
0.00000 16.808890 267.442975 7.745981
417.959101 95.840040 5282.890
0.25000 16.808890 285.303839 7.745981
417.412280 96.079349 5492.271
0.50000 16.808890 304.531203 7.745981
417.407722 97.251538 5677.804
0.75000 16.808890 324.852478 7.745981
417.407722 98.385189 5845.227
1.00000 16.808890 345.964050 7.745981
417.398092 102.227680 5983.833
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -8.569843 -102.119748 -3.066926
-62.198142 -63.906383 -1087.626
0.25000 -8.569843 -101.803746 -3.066926
-62.820096 -65.532216 -1094.257
0.50000 -8.569843 -101.498801 -3.066926
-63.501892 -68.083573 -1100.898
0.75000 -8.569843 -101.208500 -3.066926
-64.229347 -71.582051 -1097.554
1.00000 -8.569843 -100.936802 -3.066926
-64.990323 -75.737650 -1114.220
COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 9.521424 132.160158 7.868397
475.919514 27.275481 381.4132
0.25000 9.521424 132.165833 7.868397
475.919514 27.275481 381.4132
0.50000 9.521424 132.171987 7.868397
475.885757 24.821313 3388.838
0.75000 9.521424 132.178525 7.868397
475.852082 24.821313 3388.838
1.00000 9.521424 132.185361 7.868397
475.856390 23.885129 3664.434
COMB DL-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.870555 -232.710738 -4.654205
-236.072098 -86.535320 -2059.251
0.25000 -11.870555 -232.702882 -4.654205
-236.087334 -87.602733 -2068.626
0.50000 -11.870555 -232.694622 -4.654205
-236.103960 -88.670073 -2077.980
0.75000 -11.870555 -232.686854 -4.654205
-236.121683 -89.739792 -2087.347
1.00000 -11.870555 -232.682163 -4.654205

-236.140240 -98.230000 -2096.749
COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 15.719544 238.334147 9.063508
565.566014 72.695930 4897.490
0.25000 15.719544 252.409162 9.063508
539.628189 72.474826 5089.200
0.50000 15.719544 267.115959 9.063508
514.818425 73.052172 5264.748
0.75000 15.719544 283.710358 9.063508
491.962105 74.327895 5429.775
1.00000 15.719544 300.484149 9.063508
477.787408 76.073866 5574.732
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -18.441318 -456.012981 -8.095985
-376.365389 -89.979875 -2796.248
0.25000 -18.441318 -437.275315 -8.095985
-401.503283 -90.413600 -2802.208
0.50000 -18.441318 -419.123581 -8.095985
-429.326419 -91.989543 -2808.105
0.75000 -18.441318 -401.783254 -8.095985
-448.148507 -93.517171 -2814.889
1.00000 -18.441318 -385.481778 -8.095985
-490.190637 -98.061029 -2820.051
COMB DB ----- MAX
REL DIST T P M2 M3 V3
0.00000 12.303777 227.892949 7.465713
520.615679 89.033445 4768.869
0.25000 12.303777 250.638182 7.465713
478.493473 87.629138 4908.784
0.50000 12.303777 275.745959 7.465713
451.990689 87.539534 5036.535
0.75000 12.303777 303.447808 7.465713
438.448806 88.960723 5161.909
1.00000 12.303777 332.115959 7.465713
438.419373 91.659164 5278.878
COMB DB ----- MIN
REL DIST T P M2 M3 V3
0.00000 -12.906853 -467.204876 -8.364575
-436.164207 -54.142774 -1767.401
0.25000 -12.906853 -440.975124 -8.364575
-436.164207 -52.662732 -1748.488
0.50000 -12.906853 -415.381529 -8.364575
-436.164207 -52.089550 -1561.607
0.75000 -12.906853 -390.551608 -8.364575
-436.164207 -52.939289 -1458.749
1.00000 -12.906853 -366.859191 -8.364575
-451.509172 -53.857744 -1355.936
COMB DL ----- MAX
REL DIST T P M2 M3 V3
0.00000 16.808890 267.442975 7.745981
417.959101 95.840040 5282.890
0.25000 16.808890 285.303839 7.745981
417.412280 96.079349 5492.271
0.50000 16.808890 304.531203 7.745981
417.407722 97.251538 5677.804
0.75000 16.808890 324.852478 7.745981
417.407722 98.385189 5845.227
1.00000 16.808890 345.964050 7.745981
417.398092 102.227680 5983.833
COMB DL ----- MIN
REL DIST T P M2 M3 V3
0.00000 -19.209879 -514.621200 -9.033907
-477.174941 -89.979875 -2812.691
0.25000 -19.209879 -490.845902 -9.033907
-481.144557 -90.413600 -2814.810
0.50000 -19.209879 -467.745708 -9.033907
-486.058434 -91.989543 -2816.729
0.75000 -19.209879 -445.620050 -9.033907
-490.972870 -94.631711 -2818.783
1.00000 -19.209879 -424.754517 -9.033907
-501.033330 -98.230000 -2820.805
COMB CAR ----- MAX
REL DIST T P M2 M3 V3
0.00000 16.808890 267.442975 7.745981
417.959101 95.840040 5282.890
0.25000 16.808890 285.303839 7.745981
417.412280 96.079349 5492.271
0.50000 16.808890 304.531203 7.745981
417.407722 97.251538 5677.804
0.75000 16.808890 324.852478 7.745981
417.407722 98.385189 5845.227
1.00000 16.808890 345.964050 7.745981
417.398092 102.227680 5983.833
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -8.569843 -102.119748 -3.066926
-62.198142 -63.906383 -1087.626
0.25000 -8.569843 -101.803746 -3.066926
-62.820096 -65.532216 -1094.257
0.50000 -8.569843 -101.498801 -3.066926
-63.501892 -68.083573 -1100.898
0.75000 -8.569843 -101.208500 -3.066926
-64.229347 -71.582051 -1097.554
1.00000 -8.569843 -100.936802 -3.066926
-64.990323 -75.737650 -1114.220
COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 9.521424 132.160158 7.868397
475.919514 27.275481 381.4132
0.25000 9.521424 132.165833 7.868397
475.919514 27.275481 381.4132
0.50000 9.521424 132.171987 7.868397
475.885757 24.821313 3388.838
0.75000 9.521424 132.178525 7.868397
475.852082 24.821313 3388.838
1.00000 9.521424 132.185361 7.868397
475.856390 23.885129 3664.434
COMB DL-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.870555 -232.710738 -4.654205
-236.072098 -86.535320 -2059.251
0.25000 -11.870555 -232.702882 -4.654205
-236.087334 -87.602733 -2068.626
0.50000 -11.870555 -232.694622 -4.654205
-236.103960 -88.670073 -2077.980
0.75000 -11.870555 -232.686854 -4.654205
-236.121683 -89.739792 -2087.347
1.00000 -11.870555 -232.682163 -4.654205

-501.033330 -98.230000 -2820.805
ELEM 26 ===== LENGTH = 5.050032
COMB DB-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 7.078281 180.781833 4.167868
159.265908 72.779134 2718.131
0.25000 7.078281 201.417416 4.167868
159.265908 71.152303 2763.202
0.50000 7.078281 223.199868 4.167868
159.265908 70.640197 2827.311
0.75000 7.078281 245.803044 4.167868
159.265908 71.549464 2763.800
1.00000 7.078281 268.742398 4.167868
159.265908 73.649377 2719.623
COMB DB-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.214328 -269.230035 -4.478508
-159.892648 -3.993385 -550.59183
0.25000 -7.

0.00000 -8.167905 -109.156932 -5.879375
-315.061939 -82.318512 -100.21140
0.25000 -8.167905 -109.156932 -5.879375
-315.090978 -79.519179 -928.517214
0.50000 -8.167905 -109.131465 -5.879375
-315.121835 -78.193831 -969.928670
0.75000 -8.167905 -109.119719 -5.879375
-315.154158 -79.340678 -945.229836
1.00000 -8.167905 -109.100568 -5.879375
-315.191951 -82.184887 -1020.557

COMB DB-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 11.348161 240.834555 8.290911
471.435463 60.021057 4792.036
0.25000 11.348161 259.145468 8.290911
428.442098 58.404754 4791.282
0.50000 11.348161 278.429156 8.290911
393.355464 58.183132 4784.850
0.75000 11.348161 298.406538 8.290911
364.867082 59.536838 4792.911
1.00000 11.348161 319.578541 8.290911
333.314250 62.326912 4795.417

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -12.210482 -320.625011 -8.425648
-333.115628 -77.892595 -1353.639
0.25000 -12.210482 -299.451554 -8.425648
-364.658513 -75.190333 -1252.730
0.50000 -12.210482 -279.470685 -8.425648
-393.152188 -74.147430 -1172.241
0.75000 -12.210482 -260.181500 -8.425648
-428.197703 -75.172106 -1275.393
1.00000 -12.210482 -241.863090 -8.425648
-471.238375 -78.311190 -1378.583

COMB DL-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 10.110673 181.756011 3.988129
175.256416 79.129329 2897.773
0.25000 10.110673 199.126789 3.988129
176.860342 78.569629 2953.843
0.50000 10.110673 217.000000 3.988129
178.192248 78.594341 2976.066
0.75000 10.110673 237.071271 3.988129
178.448075 79.344742 2984.038
1.00000 10.110673 257.131924 3.988129
178.448075 80.677170 2918.134

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -10.925598 -260.397801 -4.125022
-79.172506 -98.949922 -1149.131
0.25000 -10.925598 -240.329645 -4.125022
-179.172506 -9.089143 -1150.489
0.50000 -10.925598 -220.892447 -4.125022
-178.904882 -9.137137 -1151.818
0.75000 -10.925598 -202.348961 -4.125022
-177.552384 -9.896240 -1153.204
1.00000 -10.925598 -184.950322 -4.125022
-175.948458 -10.312388 -1154.545
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 12.952246 300.555338 5.982364
351.323944 105.842682 4931.952
0.25000 12.952246 321.920440 5.982364
342.901342 104.833412 4981.952
0.50000 12.952246 344.725440 5.982364
339.446892 104.721772 5002.641
0.75000 12.952246 368.678628 5.982364
337.886968 105.760820 5000.445
1.00000 12.952246 393.500832 5.982364
337.780215 107.739837 4968.835

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -14.582122 -399.345241 -6.171369
-338.738589 -26.227903 -2069.356
0.25000 -14.582122 -374.566873 -6.171369
-338.850225 -26.265206 -2096.302
0.50000 -14.582122 -350.601169 -6.171369
-340.437643 -26.427447 -2098.707
0.75000 -14.582122 -327.765156 -6.171369
-343.920137 -27.071436 -2101.184
1.00000 -14.582122 -306.372772 -6.171369
-352.365033 -27.804333 -2103.618

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 16.320145 331.807185 8.140643
438.173764 101.776557 5983.960
0.25000 16.320145 351.247642 8.140643
427.540934 100.675590 6030.939
0.50000 16.320145 372.000195 8.140643
424.223326 100.436671 6052.984
0.75000 16.320145 393.800633 8.140643
422.648757 101.721670 6055.605
1.00000 16.320145 416.339150 8.140643
422.496701 103.918904 6033.213

COMB DL-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -18.816619 -424.194370 -8.364230
-423.350684 -70.682318 -2820.810
0.25000 -18.816619 -401.642177 -8.364230
-423.509052 -70.137006 -2824.066
0.50000 -18.816619 -379.831205 -8.364230
-425.108701 -70.184465 -2827.293
0.75000 -18.816619 -359.049654 -8.364230
-428.451399 -70.303081 -2830.584
1.00000 -18.816619 -339.583437 -8.364230
-439.112928 -72.186526 -2833.847

COMB DL-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 6.775227 68.783689 4.275047
147.883187 11.831466 1729.576
0.25000 6.775227 69.039102 4.275047
146.949393 12.186806 1737.941
0.50000 6.775227 69.319141 4.275047
146.250649 12.330115 1737.475
0.75000 6.775227 69.604067 4.275047
145.595394 12.645152 1742.911
1.00000 6.775227 69.906129 4.275047
144.998166 12.967473 1748.523

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -8.284774 -72.910232 -4.333278
-144.924332 -75.414403 -1114.151
0.25000 -8.284774 -72.608086 -4.333278
-145.521947 -74.406770 -1115.396
0.50000 -8.284774 -72.311155 -4.333278
-146.177313 -72.070301 -1116.642
0.75000 -8.284774 -72.042658 -4.333278
-146.878855 -74.516378 -1117.878
1.00000 -8.284774 -71.786867 -4.333278

-147.610084 -75.634898 -1119.125
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.197576 168.990598 6.008417
341.097479 24.066484 3663.920
0.25000 9.197576 168.990780 6.008417
341.079557 24.000943 3648.084
0.50000 9.197576 168.990372 6.008417
341.062465 24.249679 3647.846
0.75000 9.197576 169.010210 6.008417
341.048452 24.841727 3667.133
1.00000 9.197576 169.017435 6.008417
341.031843 25.759515 3699.986

COMB DL-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -11.600525 -174.737515 -6.110003
-341.128160 -97.898182 -2096.633
0.25000 -11.600525 -174.730288 -6.110003
-341.142766 -96.617047 -2093.001
0.50000 -11.600525 -174.723932 -6.110003
-341.158798 -96.084014 -2101.341
0.75000 -11.600525 -174.716769 -6.110003
-341.175880 -95.650018 -2098.403
1.00000 -11.600525 -174.710655 -6.110003
-341.193813 -98.159686 -2106.085

COMB DL-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 15.225874 295.827309 8.254957
498.442562 75.910331 5574.581
0.25000 15.225874 311.073225 8.254957
469.979366 75.673096 5610.094
0.50000 15.225874 327.402938 8.254957
442.704800 75.973668 5628.211
0.75000 15.225874 344.595281 8.254957
417.379191 76.943041 5634.584
1.00000 15.225874 362.422242 8.254957
394.731459 78.468440 5625.504

COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -18.033745 -370.216002 -8.449413
-395.294183 97.323033 -2827.293
0.25000 -18.033745 -352.376757 -8.449413
-417.955159 -96.314580 -2823.190
0.50000 -18.033745 -335.171340 -8.449413
-443.303828 -96.066415 -2828.403
0.75000 -18.033745 -318.825159 -8.449413
-470.586964 -96.897412 -2829.624
1.00000 -18.033745 -303.561638 -8.449413
-499.065651 -98.492927 -2832.883

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.00000 11.867336 287.456583 8.290911
471.435463 91.311552 5271.956
0.25000 11.867336 310.348289 8.290911
428.442098 88.273818 5290.808
0.50000 11.867336 335.520401 8.290911
375.055464 87.385580 5287.281
0.75000 11.867336 363.347055 8.290911
391.480215 88.730003 5292.449
1.00000 11.867336 392.389340 8.290911
391.480481 92.274303 5282.383

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.00000 -12.459184 -393.253899 -8.425648
-391.723972 -82.318512 -1355.814
0.25000 -12.459184 -364.242641 -8.425648
-391.723696 -82.519179 -1253.837
0.50000 -12.459184 -336.597730 -8.425648
-393.152188 -78.193831 -1272.403
0.75000 -12.459184 -311.911892 -8.425648
-428.197703 -79.340678 -1276.641
1.00000 -12.459184 -288.516493 -8.425648
-471.238375 -82.184887 -1380.901
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.00000 16.320145 331.807185 8.254957
498.442562 105.842682 5983.960
0.25000 16.320145 351.247642 8.254957
469.979366 104.833412 6030.939
0.50000 16.320145 372.000195 8.254957
442.704800 104.721772 6052.984
0.75000 16.320145 393.800633 8.254957
422.648757 105.760820 6055.605
1.00000 16.320145 416.339150 8.254957
422.496701 107.739837 6033.213

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.00000 -18.816619 -424.194370 -8.449413
-423.350684 -70.682318 -2820.810
0.25000 -18.816619 -401.642177 -8.449413
-423.509052 -70.137006 -2824.066
0.50000 -18.816619 -379.831205 -8.449413
-443.303828 -96.084014 -2827.293
0.75000 -18.816619 -359.049654 -8.449413
-470.586964 -96.897412 -2829.624
1.00000 -18.816619 -339.583437 -8.449413
-499.065651 -98.492927 -2833.847

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 16.320145 331.807185 8.290911
498.442562 105.842682 5983.960
0.25000 16.320145 351.247642 8.290911
469.979366 104.833412 6030.939
0.50000 16.320145 372.000195 8.290911
442.704800 104.721772 6052.984
0.75000 16.320145 393.800633 8.290911
422.648757 105.760820 6055.605
1.00000 16.320145 416.339150 8.290911
422.496701 107.739837 6033.213

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.00000 -18.816619 -424.194370 -8.449413
-423.350684 -70.682318 -2820.810
0.25000 -18.816619 -401.642177 -8.449413
-423.509052 -70.137006 -2824.066
0.50000 -18.816619 -379.831205 -8.449413
-443.303828 -96.084014 -2827.293
0.75000 -18.816619 -359.049654 -8.449413
-470.586964 -96.897412 -2829.624
1.00000 -18.816619 -339.583437 -8.449413

-499.068561 -98.492927 -2833.847

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 16.320145 331.807185 8.290911
498.442562 105.842682 5983.960
0.25000 16.320145 351.247642 8.290911
469.979366 104.833412 6030.939
0.50000 16.320145 372.000195 8.290911
442.704800 104.721772 6052.984
0.75000 16.320145 393.800633 8.290911
422.648757 105.760820 6055.605
1.00000 16.320145 416.339150 8.290911
422.496701 107.739837 6033.213

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.00000 -18.816619 -424.194370 -8.449413
-423.350684 -70.682318 -2820.810
0.25000 -18.816619 -401.642177 -8.449413
-423.509052 -70.137006 -2824.066
0.50000 -18.816619 -379.831205 -8.449413
-443.303828 -96.084014 -2827.293
0.75000 -18.816619 -359.049654 -8.449413
-470.586964 -96.897412 -2829.624
1.00000 -18.816619 -339.583437 -8.449413
-499.068561 -98.492927 -2833.847
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FRAME ELEMENT INTERNAL FORCES

ELEM 27 ----- LENGTH

5.049005

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 6.765027 215.623477 5.024621
268.050710 73.037195 2719.217
0.25000 6.765027 236.534096 5.024621
268.050710 70.168508 2712.415
0.50000 6.765027 258.463439 5.024621
268.050710 69.375482 2675.656
0.75000 6.765027 281.081942 5.024621
268.050710 67.92375 2607.069
1.00000 6.765027 303.893967 5.024621
268.050710 68.299170 2506.870

COMB DB-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.866009 -234.302426 -3.268775
-60.670958 -99.494555 -560.937984
0.25000 -6.866009 -211.661159 -3.268775
-60.670958 -5.777570 -607.662784
0.50000 -6.866009 -189.464911 -3.268775
-60.670958 6.749598 -654.439625
0.75000 -6.866009 -168.181054 -3.268775
-60.670958 -8.074308 -701.232299
1.00000 -6.866009 -148.114046 -3.268775
-60.670958 -9.409937 -748.024974

COMB DB-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 8.458999 343.624405 6.659675
438.317393 91.523996 4556.224
0.25000 8.458999 369.720934 6.659675
424.282334 89.334674 4479.856
0.50000 8.458999 397.074201 6.659675
424.282334 88.421841 4387.829
0.75000 8.458999 425.272260 6.659675
424.282334 89.004714 4288.139
1.00000 8.458999 454.156905 6.659675
424.282334 90.859440 4170.477

COMB DB-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -8.779124 -332.890112 -4.783015
-209.857445 -13.888984 -1025.679
0.25000 -8.779124 -304.211000 -4.783015
-209.857445 -15.158396 -1107.843
0.50000 -8.779124 -276.521439 -4.783015
-209.857445 -16.484508 -1190.068
0.75000 -8.779124 -249.948592 -4.783015
-209.857445 -17.970185 -1272.313
1.00000 -8.779124 -224.873862 -4.783015
-209.857445 -19.543951 -1354.558

0.00000 -18.204004 -353.263645 -8.040901
-416.629820 -71.500773 -2833.886
1.00000 -18.204004 -332.129493 8.040901
-416.629873 -70.932669 -2838.395
0.50000 -18.204004 -311.787246 -8.040901
-416.629873 -70.932669 -2842.941
0.75000 -18.204004 -292.518389 -8.040901
-416.630066 -71.373872 -2847.519
1.00000 -18.204004 -274.647734 -8.040901
-417.602719 -72.646280 -2852.037

COMB DL-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.572605 97.763229 3.019543
64.368621 12.948319 1748.920
0.25000 6.572605 98.034720 3.019543
63.607474 13.243121 1695.674
0.50000 6.572605 98.324801 3.019543
62.880230 13.551907 1643.992
0.75000 6.572605 98.629606 3.019543
62.198658 14.040863 1592.818
1.00000 6.572605 98.945489 3.019543
61.574627 14.816915 1545.106

COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -8.038521 -58.520242 -5.918092
-262.808757 -75.590953 -1119.101
0.25000 -8.038521 -58.234181 -5.918092
-263.378931 -75.519322 -1114.941
0.50000 -8.038521 -57.960714 -5.918092
-264.006291 -68.100424 -1110.800
0.75000 -8.038521 -57.703013 -5.918092
-264.679028 -68.065559 -1106.672
1.00000 -8.038521 -57.465469 -5.918092
-265.385181 -64.020189 -1102.532

COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 8.963728 226.704840 4.539437
235.431039 25.664222 3700.456
0.25000 8.963728 226.711126 4.539437
235.412479 26.597061 3575.251
0.50000 8.963728 226.710659 4.539437
235.394745 27.743358 3460.725
0.75000 8.963728 226.725345 4.539437
235.378125 29.243556 3367.639
0.90000 8.963728 226.728625 4.539437
235.362894 31.227717 3289.103

COMB DL-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.275678 -137.134031 -7.956735
-475.300800 -98.135218 -1106.096
0.25000 -11.275678 -137.127186 -7.956735
-475.314595 -93.860176 -1101.475
0.50000 -11.275678 -137.120645 -7.956735
-475.329971 -90.451950 -1096.398
0.75000 -11.275678 -137.114482 -7.956735
-475.346448 -88.183642 -1092.306
1.00000 -11.275678 -137.108802 -7.956735
-475.363736 -87.032920 -1087.672

COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 14.759699 377.471732 7.967260
488.593424 77.762314 5623.708
0.25000 14.759699 393.326933 7.967260
457.551414 77.051879 5503.079
0.50000 14.759699 411.081200 7.967260
427.736055 76.806020 5352.548
0.75000 14.759699 429.202464 7.967260
399.924320 77.226958 5211.327
1.00000 14.759699 447.948907 7.967260
374.806370 78.352449 5043.961
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COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -17.460734 -307.560341 -9.321351
-476.890821 -96.229593 -1222.911
0.25000 -17.460734 -290.773522 -9.321351
-491.360038 -95.155911 -1233.444
0.50000 -17.460734 -274.655902 -9.321351
-514.232809 -92.047038 -1249.029
0.75000 -17.460734 -259.433081 -9.321351
-539.062451 -92.031547 -1263.592
1.00000 -17.460734 -245.342860 -9.321351
-565.011927 -92.049769 -1283.108

COMB DB ----- MAX
REL DIST T P M2 M3 V3
0.00000 11.439526 365.703214 8.072464
45.197853 91.523996 5282.347
0.25000 11.439526 389.309626 8.072464
435.829116 89.334674 5167.238
0.50000 11.439526 414.223582 8.072464
435.829116 88.421841 5043.658
0.75000 11.439526 439.820282 8.072464
435.829116 89.004714 4917.582
1.00000 11.439526 466.055382 8.072464
435.829116 90.859440 4779.214

COMB DB ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.970757 -332.890112 -8.557356
-437.765707 -81.964674 -1381.038
0.25000 -11.970757 -304.211000 -8.557356
-437.764357 -78.787320 -1486.175
0.50000 -11.970757 -276.521439 -8.557356
-451.558755 -77.068890 -1591.367
0.75000 -11.970757 -250.680789 -8.557356
-478.219903 -76.999696 -1696.576
1.00000 -11.970757 -229.877248 -8.557356
-520.334118 -78.347601 -1801.786

COMB DL ----- MAX
REL DIST T P M2 M3 V3
0.00000 15.811827 416.730828 8.886790
499.079629 106.504443 6033.138
0.25000 15.811827 437.582376 8.886790
488.998895 104.019074 5919.089
0.50000 15.811827 459.886743 8.886790
484.082632 102.187815 5776.420
0.75000 15.811827 482.774117 8.886790
479.172503 101.232492 5615.437
1.00000 15.811827 506.533381 8.886790
475.222953 101.032672 5430.601

COMB DL ----- MIN
REL DIST T P M2 M3 V3
0.00000 -18.204004 -353.263645 -9.321351
-476.890821 -98.135218 -1283.886
0.25000 -18.204004 -332.129413 -9.321351
-491.360038 -95.155911 -1283.395
0.50000 -18.204004 -311.787246 -9.321351
-514.232809 -93.070386 -1284.941
0.75000 -18.204004 -292.528380 -9.321351
-539.062451 -92.031547 -1284.519
1.00000 -18.204004 -274.647734 -9.321351

-565.011927 -92.049769 -2852.037
COMB CAR ----- MAX
REL DIST T P M2 M3 V3
0.00000 15.811827 416.730828 8.886790
499.079629 106.504443 6033.138
0.25000 15.811827 437.582376 8.886790
488.998895 104.019074 5919.089
0.50000 15.811827 459.886743 8.886790
484.082632 102.187815 5776.420
0.75000 15.811827 482.774117 8.886790
479.172503 101.232492 5615.437
1.00000 15.811827 506.533381 8.886790
475.222953 101.032672 5430.601
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB CAR ----- MIN
REL DIST T P M2 M3 V3
0.00000 -18.204004 -353.263645 -9.321351
-476.890821 -98.135218 -1283.886
0.25000 -18.204004 -332.129413 -9.321351
-491.360038 -95.155911 -1283.395
0.50000 -18.204004 -311.787246 -9.321351
-514.232809 -93.070386 -1284.941
0.75000 -18.204004 -292.528380 -9.321351
-539.062451 -92.031547 -1284.519
1.00000 -18.204004 -274.647734 -9.321351
-565.011927 -92.049769 -2852.037

COMB DESIGN ----- MAX
REL DIST T P M2 M3 V3
0.00000 15.811827 416.730828 8.886790
499.079629 106.504443 6033.138
0.25000 15.811827 437.582376 8.886790
488.998895 104.019074 5919.089
0.50000 15.811827 459.886743 8.886790
484.082632 102.187815 5776.420
0.75000 15.811827 482.774117 8.886790
479.172503 101.232492 5615.437
1.00000 15.811827 506.533381 8.886790
475.222953 101.032672 5430.601

COMB DESIGN ----- MIN
REL DIST T P M2 M3 V3
0.00000 -18.204004 -353.263645 -9.321351
-476.890821 -98.135218 -1283.886
0.25000 -18.204004 -332.129413 -9.321351
-491.360038 -95.155911 -1283.395
0.50000 -18.204004 -311.787246 -9.321351
-514.232809 -93.070386 -1284.941
0.75000 -18.204004 -292.528380 -9.321351
-539.062451 -92.031547 -1284.519
1.00000 -18.204004 -274.647734 -9.321351
-565.011927 -92.049769 -2852.037

ELEM 28 ===== LENGTH = 5.049108
COMB DB-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.437121 254.071456 5.953265
367.712236 67.624487 2505.902
0.25000 6.437121 274.958519 5.953265
367.712236 62.839214 2438.822
0.50000 6.437121 296.791122 5.953265
367.712236 59.031006 2344.780
0.75000 6.437121 319.167880 5.953265
367.712236 56.283623 2248.603
1.00000 6.437121 341.644668 5.953265
367.712236 54.590839 2064.258

COMB DB-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -6.486903 -197.151115 -1.607445
-48.470195 -9.370145 -748.060059
0.25000 -6.486903 -174.956975 -1.607445
-48.470195 -11.667728 -800.777
0.50000 -6.486903 -153.278774 -1.607445
-48.470195 -10.414107 -858.517294
0.75000 -6.486903 -132.577233 -1.607445
-48.470195 -9.354909 -913.733958
1.00000 -6.486903 -113.142637 -1.607445
-48.470195 -18.742791 -968.978913

COMB DB-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 8.075413 409.121858 7.670568
545.954393 89.945943 4169.611
0.25000 8.075413 435.209416 7.670568
535.780962 85.724748 3992.121
0.50000 8.075413 462.317622 7.670568
535.780962 82.580264 3799.236
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REL DIST T P M2 M3 V3
0.75000 8.075413 490.268373 7.670568
535.780962 80.784500 3599.413
0.50000 8.075413 518.733288 7.670568
535.780962 80.239317 3390.431

COMB DB-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -8.337729 -272.584922 -2.942859
-211.447352 -19.520596 -1384.707
0.25000 -8.337729 -244.473134 -2.942859
-211.447352 -22.505773 -1446.335
0.50000 -8.337729 -217.433577 -2.942859
-211.447352 -25.512233 -1507.964
0.75000 -8.337729 -191.591465 -2.942859
-211.447352 -28.536115 -1629.598
1.00000 -8.337729 -167.315701 -1721.233
-211.447352 -31.617977 -1721.233

COMB DB-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 11.006942 446.399218 7.748717
545.954393 89.945943 4169.611
0.25000 11.006942 470.806622 7.748717
496.472954 84.403118 4538.245
0.50000 11.006942 494.755233 7.748717
465.472954 82.722830 4298.727
0.75000 11.006942 520.059436 7.748717
496.472954 82.314310 4037.567
1.00000 11.006942 545.895150 7.748717
496.472954 83.095005 3786.633

COMB DB-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.463149 -272.389710 -6.690733
-442.335371 -55.091404 -1801.917
0.25000 -11.463149 -246.855689 -6.690733

-442.335371 -54.384425 -1909.639
0.50000 -11.463149 -222.307990 -6.690733
-442.335371 -54.312897 -2017.361
0.75000 -11.463149 -198.850837 -6.690733
-442.335371 -55.074342 -2125.208
1.00000 -11.463149 -176.812739 -6.690733
-442.335371 -56.638896 -2233.067

COMB DB-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 5.374950 86.019552 1.808410
45.369875 8.312241 1121.353
0.25000 5.374950 86.323809 1.808410
44.715218 8.625958 1032.914
0.50000 5.374950 86.638339 1.808410
43.839481 8.945480 947.670354
0.75000 5.374950 86.960832 1.808410
43.002930 9.281612 867.393663
1.00000 5.374950 87.126151 1.808410
42.212665 9.623008 793.063337

COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -5.890525 -33.353400 -5.933970
-324.609108 -60.923749 -686.133506
0.25000 -5.890525 -33.004771 -5.933970
-325.598817 -59.533710 -713.390765
0.50000 -5.890525 -32.689763 -5.933970
-326.188328 -53.190413 -740.648025
0.75000 -5.890525 -32.735361 -5.933970
-327.033110 -50.069204 -768.060507
1.00000 -5.890525 -32.104101 -5.933970
-328.052406 -49.959081 -795.479431

COMB DB-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.961070 211.379146 2.707623
181.522386 19.143452 2584.561
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T P M2 M3 V3
0.25000 6.961070 211.390393 2.707623
181.522386 23.694440 2369.446
0.50000 6.961070 211.402072 2.707623
181.451991 23.839664 2180.754
0.75000 6.961070 211.414024 2.707623
178.020957 25.004153 2030.604
1.00000 6.961070 211.427056 2.707623
181.391637 26.504192 1919.061

COMB DB-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.712709 -69.761049 -7.876428
-549.239119 -76.442467 -1304.513
0.25000 -7.712709 -69.748121 -7.876428
-549.267714 -73.714667 -1365.007
0.50000 -7.712709 -69.736869 -7.876428
-549.297710 -69.567250 -1425.502
0.75000 -7.712709 -69.725290 -7.876428
-549.329100 -67.147641 -1486.191
1.00000 -7.712709 -69.714989 -1546.892
-549.369617 -66.986204 -1546.892

COMB DB-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.613819 391.898709 6.357442
476.110657 64.104829 4306.351
0.25000 10.613819 410.398982 6.357442
430.622686 62.519263 4064.963
0.50000 10.613819 429.660520 6.357442
401.166715 61.481215 3820.801
0.75000 10.613819 449.372810 6.357442
372.057081 60.401632 3583.680
1.00000 10.613819 470.391919 6.357442
343.948932 63.645497 3353.948

COMB DB-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.298262 -227.508796 -8.479634
-533.937414 -76.138195 -1134.145
0.25000 -11.298262 -206.997511 -8.479634
-533.937414 -73.344226 -1182.251
0.50000 -11.298262 -187.816344 -8.479634
-533.937414 -69.805220 -1247.786
0.75000 -11.298262 -169.470301 -8.479634
-549.987107 -69.803400 -1207.495
1.00000 -11.298262 -152.207899 -8.479634
-572.313994 -70.055656 -12175.216

COMB DL-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 9.310057 269.160722 7.478067
414.903754 9.065553 2651.580
0.25000 9.310057 289.124745 7.478067
416.507387 65.700464 2559.454
0.50000 9.310057 310.153691 7.478067
418.111021 61.003059 2433.839
0.75000 9.310057 331.064071 7.478067
419.714654 57.052321 2274.425
1.00000 9.310057 354.284665 7.478067
421.318287 53.913900 2081.729

COMB DL-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -9.971035 -189.889313 -1.425398
-67.698598 -15.557404 -1181.307
0.25000 -9.971035 -172.636498 -1.425398
-67.698598 -16.759026 -1189.284
0.50000 -9.971035 -156.109060 -1.425398
-67.698598 -22.083349 -1215.175
0.75000 -9.971035 -140.554489 -1.425398
-67.698598 -25.591903 -1232.165
1.00000 -9.971035 -126.171591 -1.425398
-67.698598 -29.423993 -1249.155
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 11.955287 450.294246 9.912161
622.846600 99.219321 4500.133
0.25000 11.955287 474.713523 9.912161
622.805310 94.4

-572.313984 -70.055656 -2233.067
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	15.260794	517.527162		9.912161	
627.846600	99.219321	5430.320			
622.805310	96.083365	539.786586		9.912161	
0.50000	15.260794	563.230683		9.912161	
617.764020	93.960638	4851.862			
0.75000	15.260794	587.582678		9.912161	
612.722730	93.086299	4528.877			
1.00000	15.260794	612.563461		9.912161	
607.681440	93.423674	4182.961			

COMB DL ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-17.418597	-299.226331		-10.387520	
-611.734120	-91.799064	-2852.107			
0.25000	-17.418597	-279.724820		-10.387520	
-611.747672	-87.506114	-2859.602			
0.50000	-17.418597	-261.076171		-10.387520	
-611.762527	-84.410378	-2867.031			
0.75000	-17.418597	-243.543627		-10.387520	
-633.637879	-83.056970	-2874.537			
1.00000	-17.418597	-227.368104		-10.387520	
-657.594060	-83.267696	-2882.072			

COMB CAR ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	15.260794	517.527162		9.912161	
627.846600	99.219321	5430.320			
0.25000	15.260794	539.786586		9.912161	
622.805310	96.083365	5155.957			
0.50000	15.260794	563.230683		9.912161	
617.764020	93.960638	4851.862			
0.75000	15.260794	587.582678		9.912161	
612.722730	93.086299	4528.877			
1.00000	15.260794	612.563461		9.912161	
607.681440	93.423674	4182.961			

COMB CAR ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-17.418597	-299.226331		-10.387520	
-611.734120	-91.799064	-2852.107			
0.25000	-17.418597	-279.724820		-10.387520	
-611.747672	-87.506114	-2859.602			
0.50000	-17.418597	-261.076171		-10.387520	
-611.762527	-84.410378	-2867.031			
0.75000	-17.418597	-243.543627		-10.387520	
-633.637879	-83.056970	-2874.537			
1.00000	-17.418597	-227.368104		-10.387520	
-657.594060	-83.267696	-2882.072			

COMB DESIGN ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	15.260794	517.527162		9.912161	
627.846600	99.219321	5430.320			
0.25000	15.260794	539.786586		9.912161	
622.805310	96.083365	5155.957			
0.50000	15.260794	563.230683		9.912161	
617.764020	93.960638	4851.862			
0.75000	15.260794	587.582678		9.912161	
612.722730	93.086299	4528.877			
1.00000	15.260794	612.563461		9.912161	
607.681440	93.423674	4182.961			

COMB DESIGN ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-17.418597	-299.226331		-10.387520	
-611.734120	-91.799064	-2852.107			
0.25000	-17.418597	-279.724820		-10.387520	
-611.747672	-87.506114	-2859.602			
0.50000	-17.418597	-261.076171		-10.387520	
-611.762527	-84.410378	-2867.031			
0.75000	-17.418597	-243.543627		-10.387520	
-633.637879	-83.056970	-2874.537			
1.00000	-17.418597	-227.368104		-10.387520	
-657.594060	-83.267696	-2882.072			

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FRAME ELEMENT INTERNAL FORCES

ELEM 29 ===== LENGTH = 5.049322

COMB DB-G1-1 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	6.104293	301.391014		6.860110	
435.140906	53.853707	2063.076			
0.25000	6.104293	322.321706		6.860110	
435.140906	47.431717	1989.268			
0.50000	6.104293	344.006080		6.860110	
435.140906	41.367513	1769.441			
0.75000	6.104293	366.120903		6.860110	
435.140906	35.369342	1530.085			
1.00000	6.104293	388.192680		6.860110	
435.140906	32.280511	1362.776			

COMB DB-G1-1 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-6.094453	-151.195087		-0.196658	
-72.097038	-18.577979	-968.828517			
0.25000	-6.094453	-129.607794		-0.196658	
-72.097038	-21.605927	-1041.162			
0.50000	-6.094453	-108.642346		-0.196658	
-72.097038	-24.708501	-1113.590			
0.75000	-6.094453	-88.751694		-0.196658	
-72.097038	-27.977604	-1258.571			
1.00000	-6.094453	-88.751694		-0.196658	
-72.097038	-30.977604	-1258.571			

COMB DB-G1-2 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	7.653099	483.758188		8.620851	
610.811631	79.244038	3389.372			
0.25000	7.653099	509.816992		8.620851	
610.811631	72.982394	3105.510			
0.50000	7.653099	536.310510		8.620851	
610.811631	67.501944	2809.028			
0.75000	7.653099	563.331439		8.620851	
610.811631	63.108585	2509.394			
1.00000	7.653099	592.236119		8.620851	
610.811631	59.843775	2205.165			

COMB DB-G1-2 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-7.875094	-206.929683		-1.210807	
-229.077099	-31.440869	-1721.199			
0.25000	-7.875094	-179.592081		-1.210807	
-229.077099	-35.364311	-1831.727			
0.50000	-7.875094	-153.435923		-1.210807	
-229.077099	-39.327665	-1942.401			

0.75000 -7.875094 -128.593297 -1.210807
-229.077099 -43.327434 -2053.075
1.00000 -7.875094 -102.351909 -1.210807
-229.077099 -47.330785 -2163.808

COMB DB-G1-3 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	10.564463	529.438817		8.123201	
595.969789	82.249699	3242.657			
0.25000	10.564463	553.092160		8.123201	
594.806443	77.811687	3063.020			
0.50000	10.564463	577.590688		8.123201	
594.806443	74.303099	2704.457			
0.75000	10.564463	602.574140		8.123201	
594.806443	71.905361	2509.394			
1.00000	10.564463	627.920403		8.123201	
594.806443	70.629587	2353.002			

COMB DB-G1-3 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-10.944140	-213.280823		-5.782038	
-500.709590	-50.717276	-2533.154			
0.25000	-10.944140	-188.450190		-5.782038	
-500.709590	-55.357464	-2346.048			
0.50000	-10.944140	-164.706591		-5.782038	
-500.709590	-60.980035	-2459.076			

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V2	V3
0.75000	-10.944140	-142.153935		-5.782038	
-500.709590	-54.069236	-2572.233			
1.00000	-10.944140	-121.065029		-5.782038	
-500.709590	-54.478590	-2685.810			

COMB DB-G2-1 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	5.280944	102.069538		0.383471	
51.401733	9.568569	794.441201			
0.25000	5.280944	102.069538		0.383471	
51.401733	10.713861	683.376707			
0.50000	5.280944	102.069538		0.383471	
51.401733	12.837216	579.326560			
0.75000	5.280944	102.069538		0.383471	
51.401733	15.280944	482.064033			
1.00000	5.280944	103.341913		0.383471	
47.762861	18.776998	393.975452			

COMB DB-G2-1 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-5.703060	-32.137794		-6.807488	
-389.846305	-50.167572	-795.577682			
0.25000	-5.703060	-31.796350		-6.807488	
-389.846305	-54.061009	-835.32323			
0.50000	-5.703060	-31.493666		-6.807488	
-391.439158	-58.894919	-815.067097			
0.75000	-5.703060	-31.203086		-6.807488	
-391.439158	-62.801319	-856.2556			
1.00000	-5.703060	-30.929977		-6.807488	
-393.297668	-66.718111	-835.749614			

COMB DB-G2-2 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	6.821760	250.793429		1.016626	
203.176090	26.582730	1920.881			
0.25000	6.821760	250.793429		1.016626	
203.176090	29.297593	1724.825			
0.50000	6.821760	250.793429		1.016626	
203.176090	32.178777	1411.413			
0.75000	6.821760	250.793429		1.016626	
203.176090	35.178777	1214.519			
1.00000	6.821760	250.793429		1.016626	
203.176090	38.178777	1062.021			

COMB DB-G2-2 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-7.505490	-58.196294		-8.913904	
-628.326269	-66.339228	-1547.145			
0.25000	-7.505490	-58.196294		-8.913904	
-628.326269	-70.127893	-1586.514			
0.50000	-7.505490	-58.196294		-8.913904	
-628.326269	-74.000000	-1625.935			
0.75000	-7.505490	-58.196294		-8.913904	
-628.326269	-77.872222	-1665.980			
1.00000	-7.505490	-58.196294		-8.913904	
-628.326269	-81.744444	-1706.174			

COMB DB-G2-3 ----- MAX

1.00000	10.247498	540.375887	5.338545
408.177834	65.487329	2034.373	
COMB DB-G2-3 ----- MIN			
REL DIST	P	M2	M3
0.00000	-10.836574	-182.582737	-8.410047
601.965669	-70.235414	-2175.403	
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0.75000 -5.710210 -35.411853 -0.282961
-168.959898 -38.142348 -1565.419 -0.282961
1.00000 -5.710210 -35.411853 -0.282961
-168.959898 -40.809645 -1668.126
COMB DB-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 7.205940 573.022086 8.674070
620.842270 59.012953 23.127256 8.674070
0.25000 7.205940 599.084697 8.674070
620.842270 51.428695 1809.067 8.674070
0.50000 7.205940 625.872855 8.674070
620.842270 141.513044 8.674070
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REL DIST T P M2 M3 V3
0.75000 7.205940 652.990790 8.674070
620.842270 39.006955 1052.675 8.674070
1.00000 7.205940 680.299816 8.674070
620.842270 34.690576 817.840203
COMB DB-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.420200 -136.665942 -1.191334
-340.809956 -46.963314 -2703.398 -1.191334
0.25000 -7.420200 -111.641921 -1.191334
-340.809956 -50.046093 -2307.306 -1.191334
0.50000 -7.420200 -88.254311 -1.191334
-340.809956 -53.799552 -1951.414 -1.191334
0.75000 -7.420200 -66.153148 -1.191334
-340.809956 -56.540477 -2595.522 -1.191334
1.00000 -7.420200 -62.081394 -1.191334
-340.809956 -59.866643 -2739.677
COMB DB-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.102655 614.589007 8.113961
670.690198 70.089111 2353.023 8.113961
0.25000 10.102655 638.256161 8.113961
670.690198 63.837584 1927.278 8.113961
0.50000 10.102655 662.560387 8.113961
670.690198 58.609940 1588.476 8.113961
0.75000 10.102655 687.070788 8.113961
670.690198 54.584257 1275.683 8.113961
1.00000 10.102655 711.976115 8.113961
670.690198 52.396204 1072.256
COMB DB-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -10.432782 -148.822384 -5.949538
-608.504661 -54.491020 -2685.806 -5.949538
0.25000 -10.432782 -126.079010 -5.949538
-608.504661 -52.615497 -2302.555 -5.949538
0.50000 -10.432782 -104.843632 -5.949538
-608.504661 -53.204890 -2933.852 -5.949538
0.75000 -10.432782 -84.754563 -5.949538
-608.504661 -56.286387 -3058.279 -5.949538
1.00000 -10.432782 -80.962330 -5.949538
-608.504661 -59.379474 -3183.337
COMB DB-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 5.188433 102.808995 0.436757
139.159035 18.704838 395.554154 0.436757
0.25000 5.188433 103.109046 0.436757
138.981327 20.78985 365.076872 0.436757
0.50000 5.188433 103.161762 0.436757
137.129589 23.659769 376.401759 0.436757
0.75000 5.188433 103.727885 0.436757
136.213739 26.966298 384.730399 0.436757
1.00000 5.188433 104.064611 0.436757
135.380549 30.964052 392.470988
COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -5.518781 -30.353419 -6.988672
-400.722029 -31.910730 -383.186329 -6.988672
0.25000 -5.518956 -30.022766 -6.988672
-401.555413 -25.301700 -817.744189 -6.988672
0.50000 -5.518956 -29.747593 -6.988672
-401.819799 -19.697816 -799.916035 -6.988672
0.75000 -5.518956 -29.477593 -6.988672
-403.304158 -15.360683 -782.961056 -6.988672
1.00000 -5.518956 -29.257593 -6.988672
-404.378246 -12.512717 -766.636962
COMB DB-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.656980 270.509090 0.927916
304.945503 42.842154 1084.124 0.927916
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FRAME ELEMENT INTERNAL FORCES
REL DIST T P M2 M3 V3
0.25000 6.656980 270.520925 0.927916
304.905530 45.674526 861.391575 0.927916
0.50000 6.656980 270.532326 0.927916
304.870234 48.860447 768.10935 0.927916
0.75000 6.656980 270.543852 0.927916
304.836268 52.870276 734.038916 0.927916
1.00000 6.656980 270.555330 0.927916
304.803369 56.749946 756.937306
COMB DB-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.297587 -56.630925 -8.990625
-645.823564 -44.969937 -1706.888 -8.990625
0.25000 -7.297587 -56.650842 -8.990625
-645.854292 -36.020425 -1712.353 -8.990625
0.50000 -7.297587 -56.640467 -8.990625
-645.886322 -28.989105 -1718.272 -8.990625
0.75000 -7.297587 -56.630640 -8.990625
-645.919152 -22.488400 -1725.406 -8.990625
1.00000 -7.297587 -56.622469 -8.990625
-645.959500 -18.460711 -1733.113
COMB DB-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 9.863205 525.576526 5.346982
592.894958 65.323841 2035.627 5.346982
0.25000 9.863205 543.975050 5.346982
592.862357 63.446457 1697.584 5.346982
0.50000 9.863205 562.867132 5.346982
529.614401 62.339423 1432.238 5.346982
0.75000 9.863205 581.989078 5.346982
513.168687 62.592583 1201.157 5.346982
1.00000 9.863205 601.855363 5.346982
513.168687 63.314241 1051.599
COMB DB-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -9.863205 -525.576526 -5.346982
-592.894958 -65.323841 -2035.627 -5.346982
0.25000 -9.863205 -543.975050 -5.346982
-592.862357 -63.446457 -1697.584 -5.346982
0.50000 -9.863205 -562.867132 -5.346982
-529.614401 -62.339423 -1432.238 -5.346982
0.75000 -9.863205 -581.989078 -5.346982
-513.168687 -62.592583 -1201.157 -5.346982
1.00000 -9.863205 -601.855363 -5.346982
-513.168687 -63.314241 -1051.599
```

```
0.00000 -10.382246 -138.079878 -8.533773
-666.500318 -57.961750 -2535.587 -8.533773
0.25000 -10.382246 -119.274778 -8.533773
-666.500318 -52.118089 -2613.723 -8.533773
0.50000 -10.382246 -102.495157 -8.533773
-666.500318 -47.158150 -2692.627 -8.533773
0.75000 -10.382246 -86.610368 -8.533773
-666.500318 -43.386217 -2772.631 -8.533773
1.00000 -10.382246 -79.147781 -8.533773
-663.947928 -41.502373 -2853.147
COMB DL-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 8.306148 439.927351 9.037349
573.017207 29.579519 1469.086 9.037349
0.25000 8.306148 463.668792 9.037349
574.621022 23.127256 1358.421 9.037349
0.50000 8.306148 488.286492 9.037349
576.224838 17.517239 1252.980 9.037349
0.75000 8.306148 513.559897 9.037349
577.828653 19.022124 1155.123 9.037349
1.00000 8.306148 539.246780 9.037349
579.432500 9.998398 1068.969
COMB DL-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -8.631444 -115.301327 -0.466741
-246.522024 -50.133944 -1828.315 -0.466741
0.25000 -8.631444 -102.341484 -0.466741
-246.522024 -55.059937 -2139.328 -0.466741
0.50000 -8.631444 -90.186738 -0.466741
-246.522024 -60.622191 -2494.227 -0.466741
0.75000 -8.631444 -79.053327 -0.466741
-246.522024 -66.951523 -2895.503 -0.466741
1.00000 -8.631444 -69.147398 -0.466741
-246.522024 -74.182805 -3346.280 -0.466741
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.531878 703.877544 11.253510
783.749261 61.842183 2459.961 11.253510
0.25000 10.531878 732.704312 11.253510
773.070788 55.739643 2139.328 11.253510
0.50000 10.531878 762.649046 11.253510
773.665534 50.616718 2061.772 11.253510
0.75000 10.531878 793.400188 11.253510
769.623671 46.789612 1927.707 11.253510
1.00000 10.531878 824.695592 11.253510
763.581710 44.472512 1837.362
COMB DL-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.376141 -177.650349 -1.676054
-432.416092 -80.916076 -3073.242 -1.676054
0.25000 -11.376141 -161.253155 -1.676054
-432.416092 -87.407545 -3845.653 -1.676054
0.50000 -11.376141 -145.893161 -1.676054
-432.416092 -94.578231 -4093.265 -1.676054
0.75000 -11.376141 -131.830579 -1.676054
-432.416092 -100.998324 -5176.128 -1.676054
1.00000 -11.376141 -119.284711 -5420.056 -1.676054
-432.416092 -111.537555 -5420.056
COMB DL-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 13.904373 764.185504 10.509303
860.588186 86.750254 2881.101 10.509303
0.25000 13.904373 790.399597 10.509303
855.671264 84.494097 2631.136 10.509303
0.50000 13.904373 817.632511 10.509303
850.543422 83.793252 2455.306 10.509303
0.75000 13.904373 845.600215 10.509303
845.837420 85.224659 2339.651 10.509303
1.00000 13.904373 874.062811 10.509303
840.920404 88.116785 2278.308
COMB DL-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -15.437645 -207.735961 -7.659276
-760.799451 -85.130958 -3716.737 -7.659276
0.25000 -15.437645 -192.793769 -7.659276
-760.799451 -87.729878 -4191.659 -7.659276
0.50000 -15.437645 -178.797278 -7.659276
-760.799451 -92.130689 -4585.088 -7.659276
0.75000 -15.437645 -165.982974 -7.659276
-760.799451 -98.802794 -5410.051 -7.659276
1.00000 -15.437645 -154.560498 -7.659276
-760.799451 -107.108115 -6156.639
COMB DL-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.227987 135.164182 0.585203
192.398856 48.369594 761.605806 0.585203
0.25000 6.227987 135.497676 0.585203
191.594972 53.926386 719.701748 0.585203
0.50000 6.227987 135.826201 0.585203
190.832468 60.200310 709.039069 0.585203
0.75000 6.227987 136.154708 0.585203
190.120572 67.340306 716.921800 0.585203
1.00000 6.227987 136.533888 0.585203
189.467633 75.511073 740.916597
COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.395366 -66.367336 -9.275207
-512.712047 -27.749260 -1234.832 -9.275207
0.25000 -7.395366 -66.144895 -9.275207
-512.289589 -21.889835 -1244.158 -9.275207
0.50000 -7.395366 -65.937222 -9.275207
-513.920434 -17.094993 -1272.060 -9.275207
0.75000 -7.395366 -65.747078 -9.275207
-515.596238 -13.570110 -1295.558 -9.275207
1.00000 -7.395366 -65.577065 -9.275207
-515.306651 -11.461498 -1383.089 -9.275207
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 8.309994 357.201557 1.420177
381.354244 7.240809 1655.356 1.420177
0.25000 8.309994 357.208268 1.420177
381.334696 84.328330 1504.743 1.420177
0.50000 8.309994 357.217347 1.420177
381.316174 92.306102 1431.959 1.420177
0.75000 8.309994 357.225689 1.420177
381.298873 101.611100 1424.006 1.420177
1.00000 8.309994 357.234230 1.420177
381.283005 112.460898 1468.103
COMB DL-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -8.309994 -357.201557 -1.420177
-381.354244 -7.240809 -1655.356 -1.420177
0.25000 -8.309994 -357.208268 -1.420177
-381.334696 -84.328330 -1504.743 -1.420177
0.50000 -8.309994 -357.217347 -1.420177
-381.316174 -92.306102 -1431.959 -1.420177
0.75000 -8.309994 -357.225689 -1.420177
-381.298873 -101.611100 -1424.006 -1.420177
1.00000 -8.309994 -357.234230 -1.420177
-381.283005 -112.460898 -1468.103
```

```
0.00000 -10.092773 -111.165365 -11.666674
-782.410155 -48.420968 -2249.636 -11.666674
1.00000 -10.092773 -111.160015 -11.666674
-782.424039 -42.115996 -2406.546 -11.666674
0.50000 -10.092773 -111.155042 -11.666674
-782.439782 -36.889448 -2615.837 -11.666674
0.75000 -10.092773 -111.146398 -11.666674
-782.456331 -33.183599 -2875.521 -11.666674
1.00000 -10.092773 -111.146398 -11.666674
-782.473715 -31.146642 -3183.178
COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 13.130215 655.484918 7.101308
754.440872 94.296357 2652.037 7.101308
0.25000 13.130215 675.494633 7.101308
754.498258 96.553667 2440.493 7.101308
0.50000 13.130215 696.348024 7.101308
685.677491 100.292249 2298.872 7.101308
0.75000 13.130215 717.819582 7.101308
754.528642 105.758643 2217.166 7.101308
1.00000 13.130215 739.714323 7.101308
641.475352 113.407789 2187.681
COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -15.026510 -202.651742 -11.021617
-827.078531 -78.397394 -3580.301 -11.021617
0.25000 -15.026510 -190.246278 -11.021617
-827.187519 -75.803322 -3934.376 -11.021617
0.50000 -15.026510 -178.64691 -11.021617
-828.972446 -74.500656 -4417.839 -11.021617
0.75000 -15.026510 -168.033853 -11.021617
-852.329585 -74.939452 -4893.593 -11.021617
1.00000 -15.026510 -158.555631 -11.021617
-878.972448 -77.338127 -5473.221
COMB DB ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.102655 614.589007 8.674070
670.690198 70.089111 2353.023 8.674070
0.25000 10.102655 638.256161 8.674070
670.690198 63.837584 1927.278 8.674070
0.50000 10.102655 662.560387 8.674070
670.690198 62.339423 1588.476 8.674070
0.75000 10.102655 687.070788 8.674070
670.690198 62.592585 1275.683 8.674070
1.00000 10.102655 711.976115 8.674070
670.690198 65.314241 1072.256
COMB DB ----- MIN
REL DIST T P M2 M3 V3
0.00000 -10.432782 -148.822384 -8.990625
-666.500318 -52.118089 -2809.555 -8.990625
0.25000 -10.432782 -126.079010 -8.990625
-666.500318 -50.046093 -2302.555 -8.990625
0.50000 -10.432782 -104.843632 -8.990625
-666.500318 -53.204890 -2933.852 -8.990625
0.75000 -10.432782 -84.754563 -8.990625
-666.500318 -56.540477 -3058.279 -8.990625
1.00000 -10.432782 -80.962330 -8.990625
-666.500318 -59.866643 -3183.337 -8.990625
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FRAME ELEMENT INTERNAL FORCES
COMB DL ----- MAX
REL DIST T P M2 M3 V3
0.00000 13.904373 764.185504 11.253510
860.588186 94.296357 2881.101 11.253510
0.25000 13.904373 790.399597 11.253510
855.671264 96.553667 2631.136 11.253510
0.50000 13.904373 817.632511 11.253510
850.543422 100.292249 2455.306 11.253510
0.75000 13.904373 845.600215 11.253510
845.837420 105.758643 2339.651 11.253510
1.00000 13.904373 874.062811 11.253510
840.920404 113.407789 2278.308
COMB DL ----- MIN
REL DIST T P M2 M3 V3
0.00000 -15.437645 -207.735961 -11.666674
-827.078531 -86.103958 -3716.737 -11.666674
0.25000 -15.437645 -192.793769 -11.666674
-827.187519 -87.729878 -4191.659 -11.666674
0.50000 -15.437645 -178.797278 -11.666674
-828.972446 -94.578231 -4585.088 -11.666674
0.75000 -15.437645 -168.033853 -11.666674
-852.329585 -102.598324 -5410.051 -11.666674
1.00000 -15.437645 -158.555631 -11.666674
-878.972448 -111.537555 -6156.639
COMB CAR ----- MAX
REL DIST T P M2 M3 V3
0.00000 13.904373 764.185504 11.253510
860.588186 94.296357 2881.101 11.253510
0.25000 13.904373 790.399597 11.253510
855.671264 96.553667 2631.136 11.253510
0.50000 13.904373 817.632511 11.253510
850.543422 100.292249 2455.306 11.253510
0.75000 13.904373 845.600215 11.253510
845.837420 105.758643 2339.651 11.253510
1.00000 13.904373 874.062811 11.253510
840.920404 113.407789 2278.308
COMB CAR ----- MIN
REL DIST T P M2 M3 V3
0.00000 -15.437645 -207.735961 -11.666674
-827.078531 -86.103958 -3716.737 -11.666674
0.25000 -15.437645 -192.793769 -11.666674
-827.187519 -87.729878 -4191.659 -11.666674
0.50000 -15.437645 -178.797278 -11.666674
-828.972446 -94.578231 -4585.088 -11.666674
0.75000 -15.437645 -168.033853 -11.666674
-852.329585 -102.5
```

-595.097489 -15.687763 -1708.659
0.50000 -7.065915 83.721170
595.122305 -15.044646 -1684.635
0.75000 -7.065915 -83.720668 -6.415179
-595.148272 -15.145353 -1661.567
1.00000 -7.065915 -83.720668 -6.415179
595.174334 -15.444740 -1639.348

COMB DB-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 9.427172 582.524291 6.379862
657.044994 64.595739 1051.586
0.25000 9.427172 595.612762 6.379862
631.364600 64.149613 1075.199
0.50000 9.427172 608.801438 6.379862
622.186190 64.309950 1098.442
0.75000 9.427172 621.990404 6.379862
622.186190 65.147505 1122.488
1.00000 9.427172 635.061341 6.379862
622.186190 66.908000 1146.134

COMB DB-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -9.909660 -111.331812 -7.575710
-689.808053 -41.343434 -2853.628
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.25000 -9.909660 -104.445290 -7.575710
-689.807492 -38.747814 -2899.240
0.50000 -9.909660 -104.445290 -7.575710
-689.807492 -38.337039 -2946.325
0.75000 -9.909660 -104.445290 -7.575710
-689.807492 -38.703353 -2994.332
1.00000 -9.909660 -104.445290 -7.575710
-705.926449 -39.310462 -3043.113

COMB DL-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 7.694559 576.904489 5.569301
519.873502 5.942297 1068.740
0.25000 7.694559 595.324141 5.569301
520.996130 5.745162 1022.648
0.50000 7.694559 614.136700 5.569301
522.118793 6.215002 990.22456
0.75000 7.694559 633.191267 5.569301
523.241457 6.894559 1021.154
1.00000 7.694559 652.412461 5.569301
524.262705 6.050798 1064.175

COMB DL-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -7.897078 -75.501667 -2.068900
-394.623209 -73.920969 -3347.079
0.25000 -7.897078 -68.669602 -2.068900
-394.623209 -75.275167 -3740.845
0.50000 -7.897078 -65.651939 -2.068900
-394.623209 -77.012287 -4160.696
0.75000 -7.897078 -64.944141 -2.068900
-394.623209 -79.935550 -4600.366
1.00000 -7.897078 -64.794558 -2.068900
-394.521832 -81.461567 -5081.465

COMB DL-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 9.632528 890.255242 6.946060
731.026625 43.550424 1837.125
0.25000 9.632528 912.605561 6.946060
727.497455 41.421376 1776.619
0.50000 9.632528 935.405859 6.946060
723.968174 39.864569 1742.660
0.75000 9.632528 958.535277 6.946060
720.819215 38.956312 1799.708
1.00000 9.632528 981.589393 6.946060
718.881837 38.963243 1874.127

COMB DL-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -10.312207 -130.228476 -2.992359
-604.228404 -111.029192 -5375.979
0.25000 -10.312207 -121.268138 -2.992359
-604.228404 -112.694907 -6009.430
0.50000 -10.312207 -113.168921 -2.992359
-604.228404 -114.707356 -6638.680
0.75000 -10.312207 -113.100886 -2.992359
-604.608372 -117.154610 -7311.867
1.00000 -10.312207 -111.933193 -2.992359
-606.200275 -120.015570 -8021.856

COMB DL-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 13.003132 921.736947 7.772272
911.429003 88.235662 2278.233
0.25000 13.003132 942.059857 7.772272
907.987180 88.007600 2241.668
0.50000 13.003132 962.795293 7.772272
904.545358 88.495079 2235.205
0.75000 13.003132 983.825498 7.772272
901.560898 89.635804 2313.473
1.00000 13.003132 1005.045 7.772272
899.707988 91.649479 2407.163
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.00000 -14.326445 -182.090608 -6.548743
-877.076386 -117.103312 -6156.942
0.25000 -14.326445 -201.342813 -6.548743
-877.076386 -108.331283 -6743.585
0.50000 -14.326445 -166.345895 -6.548743
-877.076386 -110.191262 -6863.064
0.75000 -14.326445 -165.553964 -6.548743
-877.533570 -112.442056 -8048.984
1.00000 -14.326445 -165.201460 -6.548743
-879.122482 -115.130667 -8756.889

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 6.163799 113.717916 2.164202
331.825180 75.295551 741.180558
0.25000 6.163799 113.003132 2.164202
327.261722 77.180598 762.639467
0.50000 6.163799 114.221204 2.164202
330.737842 79.400359 787.969290
0.75000 6.163799 114.480217 2.164202
330.239032 81.911863 816.597657
1.00000 6.163799 114.742202 2.164202
329.775851 84.761105 848.025840

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 6.163799 113.717916 2.164202
331.825180 75.295551 741.180558
0.25000 6.163799 113.003132 2.164202
327.261722 77.180598 762.639467
0.50000 6.163799 114.221204 2.164202
330.737842 79.400359 787.969290
0.75000 6.163799 114.480217 2.164202
330.239032 81.911863 816.597657
1.00000 6.163799 114.742202 2.164202
329.775851 84.761105 848.025840

0.00000 -7.254857 -105.055641 -5.627703
-451.153504 -11.593465 -1382.998
0.25000 -7.253331 104.5198304 -5.627703
-451.621362 -10.038300 -1380.298
0.50000 -7.254857 -104.786163 -5.627703
-452.111803 -9.144640 -1386.721
0.75000 -7.254857 -104.696393 -5.627703
-452.620038 -8.975471 -1419.782
1.00000 -7.254857 -104.556991 -5.627703
-453.142248 -9.078436 -1456.775

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 8.039932 361.955985 3.049356
564.822005 111.941540 1468.375
0.25000 8.039932 361.961913 3.049356
564.808412 114.547403 1487.377
0.50000 8.039932 361.967984 3.049356
564.795537 117.588571 1529.113
0.75000 8.039932 361.974159 3.049356
564.783005 121.065863 1586.416
1.00000 8.039932 361.980406 3.049356
564.772120 124.840577 1649.366

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -9.711965 -151.342760 -7.080928
-726.019865 -31.306874 -3182.385
0.25000 -9.711965 -151.339409 -7.080928
-726.031294 -29.431201 -3087.798
0.50000 -9.711965 -151.338258 -7.080928
-726.043267 -28.306098 -3550.732
0.75000 -9.711965 -151.333374 -7.080928
-726.055666 -26.35729 -3761.237
1.00000 -9.711965 -151.330744 -7.080928
-726.068402 -29.027497 -3978.830

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 12.433331 754.391506 6.444190
842.654231 112.547418 2187.834
0.25000 12.433331 769.840376 6.444190
818.765783 113.386511 2174.279
0.50000 12.433331 785.633096 6.444190
796.001851 114.944430 2184.484
0.75000 12.433331 801.670359 6.444190
782.744551 117.285403 -2249.270
1.00000 12.433331 817.869386 6.444190
778.402762 120.257279 2336.328
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.00000 -14.140693 -208.587930 -7.913077
-854.615092 -77.243326 -5472.658
0.25000 -14.140693 -201.342813 -7.913077
-856.906466 -76.266630 -5890.186
0.50000 -14.140693 -194.558589 -7.913077
-861.433894 -76.193763 -6342.605
0.75000 -14.140693 -188.315827 -7.913077
-881.996481 -75.151397 -6846.205
1.00000 -14.140693 -187.615069 -7.913077
-903.286850 -79.256259 -7396.573

COMB DB ----- MAX

REL DIST T P M2 M3 V3
0.00000 9.592253 707.116112 7.444682
714.588599 64.555739 1072.212
0.25000 9.592253 723.710271 7.444682
714.588599 64.149613 1098.650
0.50000 9.592253 740.466590 7.444682
714.588599 64.309950 1125.119
0.75000 9.592253 757.274694 7.444682
714.588599 65.147505 1151.589
1.00000 9.592253 773.229995 7.444682
714.588599 66.908000 1178.059

COMB DB ----- MIN

REL DIST T P M2 M3 V3
0.00000 -9.909660 -111.331812 -7.575710
-701.442960 -50.917520 2313.125
0.25000 -9.909660 -104.445290 -7.575710
-701.442960 -59.326190 -3280.375
0.50000 -9.909660 -104.445290 -7.575710
-701.442960 -69.492921 2378.665
0.75000 -9.909660 -104.445290 -7.575710
-701.442960 -59.792024 -3476.166
1.00000 -9.909660 -104.445290 -7.575710
-705.926449 -60.403243 -3575.028

COMB DL ----- MAX

REL DIST T P M2 M3 V3
0.00000 13.003132 921.736947 7.772272
911.429003 112.547418 2278.233
0.25000 13.003132 942.059857 7.772272
907.987180 114.547403 2241.668
0.50000 13.003132 962.795293 7.772272
904.545358 117.588571 2235.205
0.75000 13.003132 983.825498 7.772272
901.560898 121.065863 2313.473
1.00000 13.003132 1005.045 7.772272
899.707988 124.840577 2407.163

COMB DL ----- MIN

REL DIST T P M2 M3 V3
0.00000 -14.326445 -208.587930 -7.913077
-877.076386 -111.034147 -6156.942
0.25000 -14.326445 -201.342813 -7.913077
-877.076386 -112.694907 -6743.585
0.50000 -14.326445 -194.559386 -7.913077
-877.076386 -114.707356 -7375.064
0.75000 -14.326445 -188.315827 -7.913077
-881.996481 -117.154610 -8048.984
1.00000 -14.326445 -187.615069 -7.913077
-903.286850 -120.015570 -8756.889

COMB CAR ----- MAX

REL DIST T P M2 M3 V3
0.00000 13.003132 921.736947 7.772272
911.429003 112.547418 2278.233
0.25000 13.003132 942.059857 7.772272
907.987180 114.547403 2241.668
0.50000 13.003132 962.795293 7.772272
904.545358 117.588571 2235.205
0.75000 13.003132 983.825498 7.772272
901.560898 121.065863 2313.473
1.00000 13.003132 1005.045 7.772272
899.707988 124.840577 2407.163
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.00000 -14.326445 -208.587930 -7.913077
-877.076386 -111.034147 -6156.942
0.25000 -14.326445 -201.342813 -7.913077
-877.076386 -112.694907 -6743.585
0.50000 -14.326445 -194.559386 -7.913077
-877.076386 -114.707356 -7375.064
0.75000 -14.326445 -188.315827 -7.913077
-881.996481 -117.154610 -8048.984
1.00000 -14.326445 -187.615069 -7.913077
-903.286850 -120.015570 -8756.889

0.00000 -14.326445 -208.587930 -7.913077
-877.076386 -111.034147 -6156.942
0.25000 -14.326445 -201.342813 -7.913077
-877.076386 -112.694907 -6743.585
0.50000 -14.326445 -194.559386 -7.913077
-877.076386 -114.707356 -7375.064
0.75000 -14.326445 -188.315827 -7.913077
-881.996481 -117.154610 -8048.984
1.00000 -14.326445 -187.615069 -7.913077
-903.286850 -120.015570 -8756.889

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V3
0.00000 13.003132 921.736947 7.772272
911.429003 112.547418 2278.233
0.25000 13.003132 942.059857 7.772272
907.987180 114.547403 2241.668
0.50000 13.003132 962.795293 7.772272
904.545358 117.588571 2235.205
0.75000 13.003132 983.825498 7.772272
901.560898 121.065863 2313.473
1.00000 13.003132 1005.045 7.772272
899.707988 124.840577 2407.163

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V3
0.00000 -14.326445 -208.587930 -7.913077
-877.076386 -111.034147 -6156.942
0.25000 -14.326445 -201.342813 -7.913077
-877.076386 -112.694907 -6743.585
0.50000 -14.326445 -194.559386 -7.913077
-877.076386 -114.707356 -7375.064
0.75000 -14.326445 -188.315827 -7.913077
-881.996481 -117.154610 -8048.984
1.00000 -14.326445 -187.615069 -7.913077
-903.286850 -120.015570 -8756.889

ELEM 32 ===== LENGTH

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 5.104477 43.077540 2.538183
288.474207 3.008598 43.805600
0.25000 5.104477 43.077540 2.538183
288.474207 3.145145 473.863048
0.50000 5.104477 43.077540 2.538183
288.474207 3.008598 43.805600
0.75000 5.104477 43.077540 2.538183
288.474207 2.871611 397.744033
1.00000 5.104477 43.077540 2.538183
288.474207 5.193567 395.730473

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.951477 -502.881285 -5.343459
-392.865538 -40.150117 2062.057
0.25000 -4.951477 -488.300137 -5.343459
-392.865538 -38.080597 -1936.473
0.50000 -4.951477 -473.595517 -5.343459
-392.865538 -36.254998 1838.450
0.75000 -4.951477 458.957889 -5.343459
-392.865538 -35.427919 -1740.665
1.00000 -4.951477 -444.476717 -5.343459
-392.865538 -35.585618 -1642.880

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 6.250622 76.115216 3.306494
487.199077 27.989977 909.050239
0.25000 6.250622 76.115216 3.306494
487.199077 27.989977 909.050239
0.50000 6.250622 76.115216 3.306494
487.199077 27.989977 909.050239
0.75000 6.250622 76.115216 3.306494
487.199077 27.989977 909.050239
1.00000 6.250622 76.115216 3.306494
487.199077 27.989977 909.050239
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0.00000 -13.362974 -995.308375 -7.860000
-894.465033 -114.659755 -8756.875
0.25000 -13.362974 -974.116285 -7.860000
-896.317437 -111.495281 -8059.107
0.50000 -13.362974 -953.117384 -7.860000
-899.301134 -108.675567 -7394.774
0.75000 -13.362974 -932.421308 -7.860000
-902.742268 -106.199289 -6771.986
1.00000 -13.362974 -912.134852 -7.860000
-906.183299 -104.422243 -6193.597

COMB DL-G2-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 6.136953 111.308854 5.765712
453.625140 84.564893 848.084573 5.765712
0.25000 6.136953 111.403890 5.765712
453.103290 82.264381 805.407886 5.765712
0.50000 6.136953 111.523639 5.765712
452.595185 80.234942 765.622292 5.765712
0.75000 6.136953 111.653288 5.765712
452.104675 78.515750 729.942545 5.765712
1.00000 6.136953 111.791982 5.765712
451.636200 77.119950 702.093410

COMB DL-G2-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -7.167267 -112.046720 -2.082059
-329.630661 -9.081316 -1456.837
0.25000 -7.167267 -111.785299 -2.082059
-330.093399 -9.312488 -1422.961
0.50000 -7.167267 -111.526690 -2.082059
-330.591216 -7.127165 -1393.181
0.75000 -7.167267 -111.272354 -2.082059
-331.121640 -7.156156 -1378.958
1.00000 -7.167267 -111.024070 -2.082059
-331.681151 -13.678454 -1385.400
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 7.881979 164.743378 7.219060
728.173718 124.484520 1649.424
0.25000 7.881979 164.745831 7.219060
728.180989 121.374547 1626.064
0.50000 7.881979 164.748717 7.219060
728.148597 118.587172 1487.618
0.75000 7.881979 164.751842 7.219060
728.136626 116.263288 1404.244
1.00000 7.881979 164.755185 7.219060
728.125183 114.364360 1404.827

COMB DL-G2-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -9.480290 -356.007557 -2.956248
-562.962527 -28.991246 -3978.899
0.25000 -9.480290 -356.001323 -2.956248
-562.973787 -28.925532 -3768.494
0.50000 -9.480290 -355.995151 -2.956248
-562.985900 -29.683652 -3564.501
0.75000 -9.480290 -355.989093 -2.956248
-562.998807 -30.002916 -3373.730
1.00000 -9.480290 -355.983174 -2.956248
-563.012412 -33.937912 -3207.987

COMB DL-G2-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 11.776420 206.233933 8.142000
908.780929 119.782380 2336.335
0.25000 11.776420 206.819910 8.142000
887.509730 117.080982 2221.775
0.50000 11.776420 211.125951 8.142000
866.945382 115.090619 2138.217
0.75000 11.776420 217.873353 8.142000
862.267920 113.848084 2104.071
1.00000 11.776420 225.084145 8.142000
859.933223 113.428580 2112.635

COMB DL-G2-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -13.393432 -995.308375 -7.862025
-774.178178 -78.427362 -7396.802
0.25000 -13.393432 -992.542044 -7.862025
-778.513182 -77.209157 -6865.861
0.50000 -13.393432 -976.520014 -7.862025
-791.538882 -74.121700 -6361.464
0.75000 -13.393432 -960.749952 -7.862025
-814.335106 -76.876956 -5905.913
1.00000 -13.393432 -945.32182 -7.862025
-838.229405 -78.005197 -5496.979

COMB DB ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 9.096064 114.578360 7.541088
705.847568 66.410041 1178.006
0.25000 9.096064 114.578360 7.541088
700.866783 65.872122 1091.342
0.50000 9.096064 114.578360 7.541088
700.866783 66.067060 1004.677
0.75000 9.096064 114.578360 7.541088
700.866783 66.934335 918.011933
1.00000 9.096064 115.810262 7.541088
700.866783 68.324364 904.944185

COMB DB ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -9.418019 -776.029897 -7.454888
-715.501563 -59.552435 -3574.819
0.25000 -9.418019 -759.480002 -7.454888
-715.501563 -57.522950 -3400.410
0.50000 -9.418019 -742.779008 -7.454888
-715.501563 -55.841736 -3309.400
0.75000 -9.418019 -726.130372 -7.454888
-715.501563 -54.368513 -3214.693
1.00000 -9.418019 -709.644345 -7.454888
-715.501563 -54.176054 -3120.310
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 12.122177 206.234993 8.142000
908.780929 124.484520 2407.125
0.25000 12.122177 206.819910 8.142000
887.509730 121.374547 2286.064
0.50000 12.122177 211.125123 8.142000
883.651680 118.587172 2191.951
0.75000 12.122177 217.873353 8.142000
883.651680 116.263288 2176.648
1.00000 12.122177 225.084145 8.142000
883.651680 114.364360 2207.791

COMB DL ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -12.122177 -206.234993 -8.142000
-908.780929 -124.484520 -2407.125
0.25000 -12.122177 -206.819910 -8.142000
-887.509730 -121.374547 -2286.064
0.50000 -12.122177 -211.125123 -8.142000
-883.651680 -118.587172 -2191.951
0.75000 -12.122177 -217.873353 -8.142000
-883.651680 -116.263288 -2176.648
1.00000 -12.122177 -225.084145 -8.142000
-883.651680 -114.364360 -2207.791

0.00000 -13.393432 -995.308375 -7.860000
-894.465033 -119.363145 -8756.875
0.00000 -13.393432 -974.116285 -7.860000
-896.317437 -115.914511 -8059.107
0.50000 -13.393432 -953.117384 -7.860000
-899.301134 -112.836546 -7394.774
0.75000 -13.393432 -932.421308 -7.860000
-902.742268 -110.132502 -6771.986
1.00000 -13.393432 -912.134852 -7.860000
-906.183299 -108.224781 -6193.597

COMB CAR ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 12.122177 206.234993 8.142000
908.780929 124.484520 2407.125
0.25000 12.122177 206.819910 8.142000
887.509730 121.374547 2286.064
0.50000 12.122177 211.125123 8.142000
883.651680 118.587172 2191.951
0.75000 12.122177 217.873353 8.142000
883.651680 116.263288 2176.648
1.00000 12.122177 225.084145 8.142000
883.651680 114.364360 2207.791

COMB CAR ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -13.393432 -995.308375 -7.860000
-894.465033 -119.363145 -8756.875
0.25000 -13.393432 -974.116285 -7.860000
-896.317437 -115.914511 -8059.107
0.50000 -13.393432 -953.117384 -7.860000
-899.301134 -112.836546 -7394.774
0.75000 -13.393432 -932.421308 -7.860000
-902.742268 -110.132502 -6771.986
1.00000 -13.393432 -912.134852 -7.860000
-906.183299 -108.224781 -6193.597

COMB DESIGN ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 12.122177 206.234993 8.142000
908.780929 124.484520 2407.125
0.25000 12.122177 206.819910 8.142000
887.509730 121.374547 2286.064
0.50000 12.122177 211.125123 8.142000
883.651680 118.587172 2191.951
0.75000 12.122177 217.873353 8.142000
883.651680 116.263288 2176.648
1.00000 12.122177 225.084145 8.142000
883.651680 114.364360 2207.791

COMB DESIGN ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -13.393432 -995.308375 -7.860000
-894.465033 -119.363145 -8756.875
0.25000 -13.393432 -974.116285 -7.860000
-896.317437 -115.914511 -8059.107
0.50000 -13.393432 -953.117384 -7.860000
-899.301134 -112.836546 -7394.774
0.75000 -13.393432 -932.421308 -7.860000
-902.742268 -110.132502 -6771.986
1.00000 -13.393432 -912.134852 -7.860000
-906.183299 -108.224781 -6193.597

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F R A M E E L E M E N T I N T E R N A L F O R C E S
ELEM 33 ----- LENGTH = 5.050025
COMB DB-G1-1 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 4.798681 41.708244 0.328120
169.078791 5.156400 995.917187
0.25000 4.798681 41.708244 0.328120
169.078791 4.962298 644.352814
0.50000 4.798681 52.766321 0.328120
169.078791 5.074881 94.615637
0.75000 4.798681 51.288757 0.328120
169.078791 21.743028 114.0556
1.00000 4.798681 90.808718 0.328120
169.078791 29.204475 1353.429

COMB DB-G1-1 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -4.624879 -449.452653 -7.221775
-448.331774 -36.369593 -1643.649
0.25000 -4.624879 -427.993187 -7.221775
-448.331774 -33.884403 -1542.333
0.50000 -4.624879 -406.318812 -7.221775
-448.331774 -31.452406 -1441.224
0.75000 -4.624879 -384.738871 -7.221775
-448.331774 -29.156978 -1340.319
1.00000 -4.624879 -364.106780 -7.221775
-448.331774 -27.047228 -1239.426

COMB DB-G1-2 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 5.886742 74.688616 1.210496
340.814659 32.834237 300.38795
0.25000 5.886742 74.688616 1.210496
340.814659 36.654167 218.127
0.50000 5.886742 92.178296 1.210496
340.814659 42.02375 1395.866
0.75000 5.886742 115.426435 1.210496
340.814659 48.62147 790.110
1.00000 5.886742 140.305296 1.210496
340.814659 56.096692 2189.584

COMB DB-G1-2 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -6.128702 -681.915445 -8.835724
-622.017940 -54.559816 -2694.153
0.25000 -6.128702 -654.79138 -8.835724
-622.017940 -51.389306 -2552.462
0.50000 -6.128702 -627.812865 -8.835724
-622.017940 -48.326130 -2411.186
0.75000 -6.128702 -601.186340 -8.835724
-622.017940 -45.161350 -2288.964
1.00000 -6.128702 -615.258488 -8.835724
-622.017940 -42.638968 -2128.774

COMB DB-G1-3 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 8.681662 97.882843 5.851160
608.602059 55.063863 905.157402
0.25000 8.681662 97.882843 5.851160
608.602059 56.827857 1171.859
0.50000 8.681662 117.151349 5.851160
608.602059 60.111775 1513.491
0.75000 8.681662 135.000426 5.851160
608.602059 64.729954 1875.230
1.00000 8.681662 157.612180 5.851160
608.602059 70.476932 2333.223

COMB DB-G1-3 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -8.892967 -714.91378 -8.233164
-671.572024 -55.04394 -2999.217
0.25000 -8.892967 -690.257859 -8.233164
-671.572024 -51.993164 -2999.217
0.50000 -8.892967 -665.790733 -8.233164
-671.572024 -49.037404 -2878.569

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REL DIST T P M2 M3 V2 V3
0.75000 -8.892967 -641.622529 -8.233164
-671.572024 -50.510749 -2758.346
1.00000 -8.892967 -618.112424 -8.233164
-671.572024 -53.674458 -2638.239

COMB DB-G2-1 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 4.814862 35.808259 8.670319
404.625387 33.830961 320.475775
0.25000 4.814862 35.941452 8.670319
403.551293 30.953814 315.416251
0.50000 4.814862 36.205262 8.670319
404.50490 28.168044 310.134307
0.75000 4.814862 36.483920 8.670319
401.801244 25.470945 304.455687
1.00000 4.814862 36.810165 8.670319
400.912144 22.915235 306.908735

COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -4.887806 -105.890936 -0.389491
-145.91214 -14.242581 -740.59399
0.25000 -4.887806 -105.555829 -0.389491
-135.965061 -17.701497 -758.691731
0.50000 -4.887806 -105.246534 -0.389491
-136.861623 -19.468989 -777.194055
0.75000 -4.887806 -104.940280 -0.389491
-137.834188 -28.372940 -796.862773
1.00000 -4.887806 -104.641861 -0.389491
-138.912762 -35.197034 -816.981805

COMB DB-G2-2 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 6.076087 69.045307 8.817376
646.060979 63.378430 619.517168
0.25000 6.076087 69.045307 8.817376
646.021081 59.316499 607.608507
0.50000 6.076087 69.060010 8.817376
645.988228 55.402492 673.427381
0.75000 6.076087 69.070337 8.817376
645.956173 51.684333 772.151768
1.00000 6.076087 69.082532 8.817376
645.925419 48.263911 1048.813

COMB DB-G2-2 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -6.558355 -273.560692 -0.872454
-304.473379 -21.340687 -1684.812
0.25000 -6.558355 -273.548274 -0.872454
-304.540302 -23.168116 -1680.102
0.50000 -6.558355 -273.536809 -0.872454
-304.538294 -23.818352 -1676.360
0.75000 -6.558355 -273.525469 -0.872454
-304.536290 -24.468720 -1673.198
1.00000 -6.558355 -273.514413 -0.872454
-304.613626 -49.010720 -1670.836

COMB DB-G2-3 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 8.639436 95.970303 8.400084
684.074309 68.226693 884.087350
0.25000 8.639436 97.687426 8.400084
666.652235 68.226693 1080.2134
0.50000 8.639436 113.480174 8.400084
666.688257 66.461225 1342.287
0.75000 8.639436 130.166071 8.400084
666.688257 66.927070 1610.691
1.00000 8.639436 148.876357 8.400084
666.688257 68.214145 2015.340

COMB DB-G2-3 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -8.965719 -585.346093 -5.435450
-513.638272 -42.932578 -12.887
0.25000 -8.965719 -566.330149 -5.435450
-529.746001 -47.244461 -2637.219
0.50000 -8.965719 -547.555326 -5.435450
-562.699121 -52.555193 -2562.083
0.75000 -8.965719 -529.264619 -5.435450
-593.111166 -58.755428 -2487.662

COMB DL-G1-1 ----- MAX
REL DIST T P M2 M3 V2 V3
0.25000 -8.965719 -585.346093 -5.435450
-513.638272 -42.932578 -12.887
0.50000 -8.965719 -566.330149 -5.435450
-529.746001 -47.244461 -2637.219
0.75000 -8.965719 -547.555326 -5.435450
-562.699121 -52.555193 -2562.083
1.00000 -8.965719 -529.264619 -5.435450
-593.111166 -58.755428 -2487.662

COMB DL-G1-1 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 6.317134 74.653930 0.745799
251.958076 7.999593 1046.377
0.25000 6.317134 84.503226 0.745799
251.958076 10.387636 1124.325
0.50000 6.317134 95.566655 0.745799
251.958076 13.171384 1213.984
0.75000 6.317134 107.665468 0.745799
251.958076 19.362356 1311.542
1.00000 6.317134 120.543040 0.745799
251.958076 25.393185 1414.265

0.00000 -8.965719 -714.913781 -8.835724
-671.572024 -8.965719 -714.913781 -8.835724
0.00000 -8.965719 -714.913781 -8.835724
-671.572024 -8.965719 -714.913781 -8.835724
0.00000 -8.965719 -714.913781 -8.835724
-671.572024 -8.965719 -714.913781 -8.835724
0.00000 -8.965719 -714.913781 -8.835724
-671.572024 -8.965719 -714.913781 -8.835724
0.00000 -8.965719 -714.913781 -8.835724
-671.572024 -8.965719 -714.913781 -8.835724

COMB DL ----- MAX
REL DIST P M2 M3 V3
0.00000 11.316659 177.22689 11.821975
885.439775 11.316659 177.22689 11.821975
0.25000 11.316659 177.22689 11.821975
858.773421 106.332514 2249.417 11.821975
0.50000 11.316659 197.230107 11.821975
835.502742 100.959976 2345.027 11.821975
0.75000 11.316659 210.081725 11.821975
833.682976 97.051359 2511.607 11.821975
1.00000 11.316659 224.924888 11.821975
833.512179 94.584335 2744.342 11.821975

COMB DL ----- MIN
REL DIST P M2 M3 V3
0.00000 -12.799288 -864.066689 -11.432050
-836.777049 -108.207768 -6193.304 -11.432050
0.25000 -12.799288 -835.650586 -11.432050
-841.694395 -98.983662 -5457.976 -11.432050
0.50000 -12.799288 -807.67982 -11.432050
-846.611650 -90.722024 -4814.273 -11.432050
0.75000 -12.799288 -780.485899 -11.432050
-851.528906 -86.802309 -4259.857 -11.432050
1.00000 -12.799288 -754.291240 -11.432050
-856.446162 -85.359505 -3795.315 -11.432050

COMB CAR ----- MAX
REL DIST P M2 M3 V3
0.00000 11.316659 177.22689 11.821975
885.439775 11.316659 177.22689 11.821975
0.25000 11.316659 186.658598 11.821975
858.773421 106.332514 2249.417 11.821975
0.50000 11.316659 197.230107 11.821975
835.502742 100.959976 2345.027 11.821975
0.75000 11.316659 210.081725 11.821975
833.682976 97.051359 2511.607 11.821975
1.00000 11.316659 224.924888 11.821975
833.512179 94.584335 2744.342 11.821975

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COMB CAR ----- MIN
REL DIST P M2 M3 V3
0.00000 -12.799288 -864.066689 -11.432050
-836.777049 -108.207768 -6193.304 -11.432050
0.25000 -12.799288 -835.650586 -11.432050
-841.694395 -98.983662 -5457.976 -11.432050
0.50000 -12.799288 -807.67982 -11.432050
-846.611650 -90.722024 -4814.273 -11.432050
0.75000 -12.799288 -780.485899 -11.432050
-851.528906 -86.802309 -4259.857 -11.432050
1.00000 -12.799288 -754.291240 -11.432050
-856.446162 -85.359505 -3795.315 -11.432050

COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 11.316659 177.22689 11.821975
885.439775 11.316659 177.22689 11.821975
0.25000 11.316659 186.658598 11.821975
858.773421 106.332514 2249.417 11.821975
0.50000 11.316659 197.230107 11.821975
835.502742 100.959976 2345.027 11.821975
0.75000 11.316659 210.081725 11.821975
833.682976 97.051359 2511.607 11.821975
1.00000 11.316659 224.924888 11.821975
833.512179 94.584335 2744.342 11.821975

COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -12.799288 -864.066689 -11.432050
-836.777049 -108.207768 -6193.304 -11.432050
0.25000 -12.799288 -835.650586 -11.432050
-841.694395 -98.983662 -5457.976 -11.432050
0.50000 -12.799288 -807.67982 -11.432050
-846.611650 -90.722024 -4814.273 -11.432050
0.75000 -12.799288 -780.485899 -11.432050
-851.528906 -86.802309 -4259.857 -11.432050
1.00000 -12.799288 -754.291240 -11.432050
-856.446162 -85.359505 -3795.315 -11.432050

ELEM 34 ----- LENGTH = 5.048829

COMB DB-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 4.531744 69.706609 0.352621
72.365623 29.735395 1354.780 0.352621
0.25000 4.531744 88.155642 0.352621
72.365623 33.707331 1572.248 0.352621
0.50000 4.531744 107.912320 0.352621
72.365623 38.819281 1763.142 0.352621
0.75000 4.531744 128.743013 0.352621
72.365623 45.772477 2059.999 0.352621
1.00000 4.531744 150.195675 0.352621
72.365623 51.501485 2059.999 0.352621

COMB DB-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -4.350768 -389.391740 -7.130914
-436.501059 -27.530854 -1239.969 -7.130914
0.25000 -4.350768 -367.456082 -7.130914
-436.501059 -24.788151 -1168.572 -7.130914
0.50000 -4.350768 -345.465656 -7.130914
-436.501059 -21.692008 -1097.547 -7.130914
0.75000 -4.350768 -323.907486 -7.130914
-436.501059 -18.949815 -1039.895 -7.130914
1.00000 -4.350768 -303.098703 -7.130914
-436.501059 -16.138366 -955.843279 -7.130914

COMB DB-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 5.584217 109.007017 1.323941
229.198173 56.765739 2190.760 1.323941
0.25000 5.584217 132.075753 1.323941
229.198173 60.039546 2496.180 1.323941
0.50000 5.584217 156.729766 1.323941
229.198173 64.47922 2797.668 1.323941
0.75000 5.584217 182.748111 1.323941
229.198173 67.023698 3096.704 1.323941
1.00000 5.584217 209.921964 1.323941

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FRAME ELEMENT INTERNAL FORCES
REL DIST T M2 M3 V3
0.75000 5.584217 182.748111 1.323941
229.198173 67.023698 3096.704 1.323941
1.00000 5.584217 209.921964 1.323941

229.198173 76.459401 3383.793
COMB DB-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -5.797578 -594.73429 -8.890310
-612.453010 -43.175186 -2129.176 -8.890310
0.25000 -5.797578 -566.988529 -8.890310
-612.453010 -39.417825 -2020.815 -8.890310
0.50000 -5.797578 -539.681622 -8.890310
-612.453010 -35.673432 -1912.873 -8.890310
0.75000 -5.797578 -512.783737 -8.890310
-612.453010 -32.009670 -1805.063 -8.890310
1.00000 -5.797578 -486.20424 -8.890310
-612.453010 -28.582298 -1697.255 -8.890310

COMB DB-G1-3 ----- MAX
REL DIST T M2 M3 V3
0.00000 8.303734 129.84765 5.709280
500.992630 70.913010 2333.195 5.709280
0.25000 8.303734 150.790610 5.709280
500.992630 71.886423 2686.429 5.709280
0.50000 8.303734 173.195398 5.709280
500.992630 73.97144 3047.815 5.709280
0.75000 8.303734 196.790585 5.709280
500.992630 77.201302 3415.867 5.709280
1.00000 8.303734 221.472992 5.709280
500.992630 81.345544 3773.374 5.709280

COMB DB-G1-3 ----- MIN
REL DIST T M2 M3 V3
0.00000 -8.460246 -631.826629 -8.340839
-596.132473 -52.744859 -2538.246 -8.340839
0.25000 -8.460246 -606.628000 -8.340839
-596.132473 -53.575822 -2528.364 -8.340839
0.50000 -8.460246 -581.784601 -8.340839
-596.132473 -54.065122 -2419.021 -8.340839
0.75000 -8.460246 -557.424821 -8.340839
-596.132473 -55.256368 -2309.797 -8.340839
1.00000 -8.460246 -533.908111 -8.340839
-597.117498 -56.864544 -2200.573 -8.340839

COMB DB-G2-1 ----- MAX
REL DIST T M2 M3 V3
0.00000 4.662175 37.390435 6.625190
393.651596 22.786015 385.310347 6.625190
0.25000 4.662175 39.821347 6.625190
393.651596 19.589322 474.33148 6.625190
0.50000 4.662175 37.950809 6.625190
391.793131 16.434926 573.072426 6.625190
0.75000 4.662175 35.790494 6.625190
390.970053 13.353749 678.831297 6.625190
1.00000 4.662175 38.591081 6.625190
390.203143 10.407136 791.920711 6.625190

COMB DB-G2-1 ----- MIN
REL DIST T M2 M3 V3
0.00000 -4.678546 -105.351856 -0.416491
-47.564859 -34.829661 -816.558289 -0.416491
0.25000 -4.678546 -105.009503 -0.416491
-47.564859 -34.829661 -816.558289 -0.416491
0.50000 -4.678546 -104.694240 -0.416491
-49.251755 -42.137380 -799.068537 -0.416491
0.75000 -4.678546 -104.399699 -0.416491
-50.148320 -47.216835 -790.949475 -0.416491
1.00000 -4.678546 -104.085865 -0.416491
-51.186663 -53.249610 -782.613213 -0.416491

COMB DB-G2-2 ----- MAX
REL DIST T M2 M3 V3
0.00000 5.901128 70.556967 6.653656
628.639078 48.072494 1046.669 6.653656
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FRAME ELEMENT INTERNAL FORCES
REL DIST T M2 M3 V3
0.25000 5.901128 70.567025 6.653656
628.639078 48.072494 1046.669 6.653656
0.50000 5.901128 70.577729 6.653656
628.639078 48.072494 1046.669 6.653656
0.75000 5.901128 70.588856 6.653656
628.639078 48.072494 1046.669 6.653656
1.00000 5.901128 70.601454 6.653656
628.639078 48.072494 1046.669 6.653656

COMB DB-G2-2 ----- MIN
REL DIST T M2 M3 V3
0.00000 -6.304340 -254.431889 -0.930229
-202.826107 -48.448048 -1670.131 -0.930229
0.25000 -6.304340 -254.419202 -0.930229
-202.856663 -52.363516 -1652.758 -0.930229
0.50000 -6.304340 -254.404022 -0.930229
-202.886681 -57.419493 -1596.003 -0.930229
0.75000 -6.304340 -254.390602 -0.930229
-202.921970 -63.599435 -1559.383 -0.930229
1.00000 -6.304340 -254.380912 -0.930229
-202.960456 -70.604161 -1522.762 -0.930229

COMB DB-G2-3 ----- MAX
REL DIST T M2 M3 V3
0.00000 8.297310 120.671563 8.144380
634.544486 68.466487 2011.240 8.144380
0.25000 8.297310 137.109979 8.144380
611.223318 66.204524 2328.664 8.144380
0.50000 8.297310 154.658478 8.144380
603.737839 64.806592 2687.887 8.144380
0.75000 8.297310 173.108057 8.144380
603.737839 64.222198 3002.345 8.144380
1.00000 8.297310 192.935322 8.144380
603.737839 64.382144 3348.012 8.144380

COMB DB-G2-3 ----- MIN
REL DIST T M2 M3 V3
0.00000 -8.554450 -544.581653 -5.472743
-409.539538 -58.648264 -2128.285 -5.472743
0.25000 -8.554450 -524.389874 -5.472743
-422.433698 -60.379226 -2400.540 -5.472743
0.50000 -8.554450 -505.064615 -5.472743
-435.539616 -63.368712 -2687.538 -5.472743
0.75000 -8.554450 -486.110437 -5.472743
-482.680782 -66.919515 -2828.658 -5.472743
1.00000 -8.554450 -467.799434 -5.472743
-520.819024 -71.484809 -2142.778 -5.472743

COMB DL-G1-1 ----- MAX
REL DIST T M2 M3 V3
0.00000 5.699079 103.205895 0.654562
133.336980 29.763158 1415.162 0.654562
0.25000 5.699079 115.551823 0.654562
133.336980 29.625052 1707.005 0.654562
0.50000 5.699079 129.088145 0.654562
133.336980 34.845404 1681.714 0.654562
0.75000 5.699079 143.009018 0.654562
133.336980 41.142192 1820.801 0.654562
1.00000 5.699079 158.881800 0.654562
133.336980 48.144595 1998.661 0.654562

COMB DL-G1-1 ----- MIN
REL DIST T M2 M3 V3
0.00000 -5.699079 -103.205895 -0.654562
-133.336980 -29.763158 -1415.162 -0.654562
0.25000 -5.699079 -115.551823 -0.654562
-133.336980 -29.625052 -1707.005 -0.654562
0.50000 -5.699079 -129.088145 -0.654562
-133.336980 -34.845404 -1681.714 -0.654562
0.75000 -5.699079 -143.009018 -0.654562
-133.336980 -41.142192 -1820.801 -0.654562
1.00000 -5.699079 -158.881800 -0.654562
-133.336980 -48.144595 -1998.661 -0.654562

0.00000 -6.031387 -425.941090 -9.439236
-537.490294 -46.612356 1861.718 -9.439236
0.25000 6.031387 -402.186689 -9.439236
-535.886749 -40.323625 -1642.875 -9.439236
0.50000 -6.031387 -378.915191 -9.439236
-534.283204 -34.861151 -1467.129 -9.439236
0.75000 6.031387 -356.395767 -9.439236
-532.679660 -30.021944 -1352.779 -9.439236
1.00000 -6.031387 -324.764851 -9.439236
-531.078115 -25.647698 1311.765 -9.439236
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-2 ----- MAX
REL DIST T M2 M3 V3
0.00000 7.043284 170.254206 2.032032
308.513654 5.766688 2360.540 2.032032
0.25000 7.043284 185.632476 2.032032
308.513654 60.759966 2540.652 2.032032
0.50000 7.043284 202.498089 2.032032
308.513654 67.33667 2559.999 2.032032
0.75000 7.043284 220.605751 2.032032
308.513654 71.127334 3020.872 2.032032
1.00000 7.043284 239.671706 2.032032
308.513654 77.869547 3362.758 2.032032

COMB DL-G1-2 ----- MIN
REL DIST T M2 M3 V3
0.00000 -7.929995 -662.498145 -11.883557
-729.569844 -77.083257 -3133.292 -11.883557
0.25000 -7.929995 -633.410246 -11.883557
-734.610856 -68.904298 -2791.561 -11.883557
0.50000 -7.929995 -604.946133 -11.883557
-739.651868 -61.822769 2535.515 -11.883557
0.75000 -7.929995 -577.336671 2559.999 -11.883557
-744.692880 -55.435601 -2376.731 -11.883557
1.00000 -7.929995 -551.058373 -11.883557
-749.733892 -49.621786 2329.531 -11.883557

COMB DL-G1-3 ----- MAX
REL DIST T M2 M3 V3
0.00000 10.606294 202.661074 8.154877
624.814843 84.832543 2743.947 8.154877
0.25000 10.606294 216.663770 8.154877
624.814843 82.022033 3446.020 8.154877
0.50000 10.606294 232.021451 8.154877
624.814843 83.146349 3221.681 8.154877
0.75000 10.606294 248.511501 8.154877
624.814843 84.753942 3559.575 8.154877
1.00000 10.606294 265.873287 8.154877
624.814843 87.485199 3986.080 8.154877

COMB DL-G1-3 ----- MIN
REL DIST T M2 M3 V3
0.00000 -12.073857 -723.458909 -11.883557
-729.693173 -85.274215 -3794.434 -11.883557
0.25000 -12.073857 -696.995469 -11.883557
-734.609284 -80.685282 3446.020 -11.883557
0.50000 -12.073857 -671.101221 -11.883557
-739.525355 -77.752135 -3191.965 -11.883557
0.75000 -12.073857 -646.038681 -11.883557
-744.441446 -74.989727 3052.106 -11.883557
1.00000 -12.073857 -622.084186 -11.883557
-749.357538 -75.270398 -3032.520 -11.883557

COMB DL-G2-1 ----- MAX
REL DIST T M2 M3 V3
0.00000 5.968979 60.120544 9.524902
488.890786 51.127188 704.339971 9.524902
0.25000 5.968979 60.315572 9.524902
488.211973 42.216558 758.222723 9.524902

REL DIST P M2 V2 V3
0.00000 -4.100897 -343.331159 -6.279656
-369.221352 -16.409836 -955.987359
0.25000 -4.100897 -320.967635 -6.279656
-369.221352 -14.517398 -902.165507
0.50000 -4.100897 -298.699112 -6.279656
-369.221352 -12.068596 -848.448708
0.75000 -4.100897 -276.995180 -6.279656
-369.221352 -9.636670 -794.761837
1.00000 -4.100897 -256.175413 -6.279656
-369.221352 -7.845402 -741.074966
COMB DB-G1-2 MAX
REL DIST P M2 V2 V3
0.00000 5.287504 165.727951 2.782136
213.893907 77.181848 3384.917
0.25000 5.287504 189.849409 2.782136
213.893907 78.033321 3597.777
0.50000 5.287504 215.532443 2.782136
213.893907 80.095739 3802.097
0.75000 5.287504 242.430953 2.782136
213.893907 83.549156 4000.048
1.00000 5.287504 270.392444 2.782136
213.893907 86.121469 4183.071
COMB DB-G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -5.495632 -522.032193 -7.998789
-537.520376 -28.865894 -1697.271
0.25000 -5.495632 -493.724640 -7.998789
-537.520376 -26.005015 -1608.297
0.50000 -5.495632 -465.979465 -7.998789
-537.520376 -23.196621 -1519.470
0.75000 -5.495632 -438.920712 -7.998789
-537.520376 -20.402364 -1430.654
1.00000 -5.495632 -412.947426 -7.998789
-547.359002 -17.671874 -1341.838
COMB DB-G1-3 MAX
REL DIST P M2 V2 V3
0.00000 7.907104 181.208848 6.369148
444.955415 77.181737 3779.397
0.25000 7.907104 203.106820 6.369148
444.955415 81.211159 4035.688
0.50000 7.907104 226.426400 6.369148
444.955415 84.645056 4292.050
0.75000 7.907104 250.839507 6.369148
444.955415 83.427436 4549.379
1.00000 7.907104 276.242583 6.369148
444.955415 86.282870 4797.706
COMB DB-G1-3 MIN
REL DIST P M2 V2 V3
0.00000 -8.041350 -550.775237 -8.183303
-498.034343 -56.735807 -2200.479
0.25000 -8.041350 -525.064054 -8.183303
-498.034343 -55.174558 -2096.337
0.50000 -8.041350 -499.879870 -8.183303
-498.034343 -54.462084 -1992.364
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FRAME ELEMENT INTERNA
L FORCES
REL DIST P M2 M3 V3
0.75000 -8.041350 -475.316514 -8.183303
-498.034343 -54.529323 -1888.399
1.00000 -8.041350 -451.738722 -8.183303
-509.602539 -55.269437 -1784.435
COMB DB-G2-1 MAX
REL DIST P M2 M3 V3
0.00000 4.478835 386.568418 5.743266
328.692591 10.376138 790.470637
0.25000 4.478835 415.264243 5.743266
327.672366 8.154949 867.060683
0.50000 4.478835 391.150921 5.743266
326.821853 5.956773 949.909996
0.75000 4.478835 393.671407 5.743266
326.018515 5.827350 1037.652
1.00000 4.478835 39.811546 5.743266
325.247011 5.869819 1128.857
COMB DB-G2-1 MIN
REL DIST P M2 M3 V3
0.00000 -4.457861 -89.553495 -1.923855
-42.494161 -52.884812 -782.531933
0.25000 -4.457861 -89.203178 -1.923855
-43.284928 -53.858298 -782.531933
0.50000 -4.457861 -88.881948 -1.923855
-44.122025 -55.809470 -730.827136
0.75000 -4.457861 -88.567590 -1.923855
-44.998290 -56.939999 -705.011407
1.00000 -4.457861 -88.256580 -1.923855
-46.020677 -63.102070 -679.195679
COMB DB-G2-2 MAX
REL DIST P M2 M3 V3
0.00000 5.678251 77.821484 7.604836
549.984256 30.035671 1913.902
0.25000 5.678251 77.831954 7.604836
549.984604 26.327880 2029.539
0.50000 5.678251 77.841406 7.604836
549.915023 22.677024 2184.168
0.75000 5.678251 77.854672 7.604836
549.884998 19.130007 2377.988
1.00000 5.678251 77.925758 7.604836
549.856373 15.768571 2598.401
COMB DB-G2-2 MIN
REL DIST P M2 M3 V3
0.00000 -6.033157 -215.487326 -2.815709
-181.622999 -70.050035 -152.520
0.25000 -6.033157 -215.474345 -2.815709
-181.652337 -71.021039 -1484.693
0.50000 -6.033157 -215.462443 -2.815709
-181.683392 -72.039330 -1406.943
0.75000 -6.033157 -215.450810 -2.815709
-181.715898 -76.760105 -1349.193
1.00000 -6.033157 -215.439617 -2.815709
-181.753829 -81.475899 -1291.443
COMB DB-G2-3 MAX
REL DIST P M2 M3 V3
0.00000 7.925740 158.577154 8.143771
572.715524 64.809392 3362.811
0.25000 7.925740 175.735032 8.143771
550.362537 62.253188 3582.044
0.50000 7.925740 193.979133 8.143771
536.162895 59.686177 3825.243
0.75000 7.925740 213.060679 8.143771
536.162895 59.686177 4076.252
1.00000 7.925740 233.474730 8.143771
536.162895 59.679638 4324.883
COMB DB-G2-3 MIN
REL DIST P M2 M3 V3
0.00000 -8.144905 -475.120073 -6.704244
-345.197036 -71.217266 -2142.592
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FRAME ELEMENT INTERNA
L FORCES
REL DIST P M2 M3 V3
0.25000 -8.144905 -454.492273 -6.704244
-372.956260 -70.828089 -2048.649
0.50000 -8.144905 -434.857631 -6.704244
-404.161679 -71.818784 -2048.649
0.75000 -8.144905 -415.690631 -6.704244
-431.296412 -74.304710 -1861.039
1.00000 -8.144905 -397.266456 -6.704244
-476.841301 -77.639139 -1767.234
COMB DL-G1-1 MAX
REL DIST P M2 M3 V3
0.00000 5.325378 131.037953 1.534795
74.031599 48.842463 2000.439
0.25000 5.325378 145.319224 1.534795
74.031599 52.143168 2189.690
0.50000 5.325378 160.779009 1.534795
74.031599 55.368144 2378.930
0.75000 5.325378 177.203818 1.534795
74.031599 61.506201 2468.274
1.00000 5.325378 194.362038 1.534795
74.031599 67.349309 2557.283
COMB DL-G1-1 MIN
REL DIST P M2 M3 V3
0.00000 -5.768332 -349.815960 -7.673411
-420.368963 -26.019229 -1312.111
0.25000 -5.768332 -327.472579 -7.673411
-418.765133 -22.477822 -1302.334
0.50000 -5.768332 -305.661926 -7.673411
-417.161303 -19.366311 -1297.168
0.75000 -5.768332 -284.613520 -7.673411
-415.557472 -16.580847 -1291.908
1.00000 -5.768332 -264.620528 -7.673411
-413.953642 -14.025778 -1286.679
COMB DL-G1-2 MAX
REL DIST P M2 M3 V3
0.00000 6.635920 213.169970 3.159216
248.703486 78.988479 3364.535
0.25000 6.635920 230.822884 3.159216
248.703486 81.497811 3644.524
0.50000 6.635920 249.951689 3.159216
248.703486 85.023833 3967.011
0.75000 6.635920 270.326132 3.159216
248.703486 89.568082 4130.116
1.00000 6.635920 291.628449 3.159216
248.703486 94.908005 4329.019
COMB DL-G1-2 MIN
REL DIST P M2 M3 V3
0.00000 -7.700380 -546.720957 -10.016024
-605.541329 -50.188667 -2329.717
0.25000 -7.700380 -519.257431 -10.016024
-610.583238 -45.212523 -2344.399
0.50000 -7.700380 -492.481355 -10.016024
-615.625147 -40.762240 -2325.943
0.75000 -7.700380 -466.694728 -10.016024
-620.667056 -36.995711 -2307.398
1.00000 -7.700380 -442.189709 -10.016024
-625.708966 -32.950712 -2328.869
COMB DL-G1-3 MAX
REL DIST P M2 M3 V3
0.00000 10.128761 241.923437 7.982411
498.985910 88.379071 3986.382
0.25000 10.128761 257.991308 7.982411
498.985910 87.615975 4323.867
0.50000 10.128761 275.416232 7.982411
498.985910 88.292573 4638.847
0.75000 10.128761 293.951682 7.982411
498.985910 90.238733 4934.939
1.00000 10.128761 313.345554 7.982411
498.985910 92.280999 5201.451
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FRAME ELEMENT INTERNA
L FORCES
COMB DL-G1-3 MIN
REL DIST P M2 M3 V3
0.00000 -11.786330 -602.233963 -10.022993
-578.165899 -75.383637 -3032.449
0.25000 -11.786330 -577.243625 -10.022993
-583.082955 -72.693075 -3048.797
0.50000 -11.786330 -552.818764 -10.022993
-587.999922 -71.274936 -3067.752
0.75000 -11.786330 -529.418764 -10.022993
-592.916888 -70.860719 -3088.643
1.00000 -11.786330 -507.125926 -10.022993
-599.847829 -71.165518 -3109.525
COMB DL-G2-1 MAX
REL DIST P M2 M3 V3
0.00000 5.792201 60.525070 7.823128
392.074176 26.18012 1068.020
0.25000 5.792201 60.741531 7.823128
391.396142 21.406727 1162.853
0.50000 5.792201 60.978059 7.823128
390.748510 16.938479 1259.430
0.75000 5.792201 61.231178 7.823128
390.143247 13.404037 1357.228
1.00000 5.792201 61.497571 7.823128
389.591696 10.615296 1456.085
COMB DL-G2-1 MIN
REL DIST P M2 M3 V3
0.00000 -6.811671 -123.957187 -1.589231
-51.498486 -61.817616 -120.6945
0.25000 -6.811671 -123.629346 -1.589231
-52.140776 -64.169434 -121.9424
0.50000 -6.811671 -123.311655 -1.589231
-52.840788 -66.522028 -123.2945
0.75000 -6.811671 -123.007348 -1.589231
-53.592964 -68.119575 -117.9463
1.00000 -6.811671 -122.702040 -1.589231
-54.380661 -66.342318 -120.957
COMB DL-G2-2 MAX
REL DIST P M2 M3 V3
0.00000 7.455317 129.790657 10.232698
614.490932 48.082666 2328.667
0.25000 7.455317 129.790657 10.232698
614.474295 41.521049 2502.166
0.50000 7.455317 129.801495 10.232698
614.458412 35.469146 2691.315
0.75000 7.455317 129.807562 10.232698
614.443558 30.066620 2903.241
1.00000 7.455317 129.813930 10.232698
614.429995 25.360247 3122.953
COMB DL-G2-2 MIN
REL DIST P M2 M3 V3
0.00000 -8.144905 -475.120073 -6.704244
-345.197036 -71.217266 -2142.592
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0.00000 -9.156657 -280.466623 -2.929895
-201.154567 -7.044221 -2127.011
0.25000 -9.156657 -280.458788 -2.929895
-201.170203 -7.050717 -2163.486
0.50000 -9.156657 -280.451197 -2.929895
-201.187279 -7.060469 -2201.686
0.75000 -9.156657 -280.443288 -2.929895
-201.205546 -83.407321 -2239.883
1.00000 -9.156657 -280.437070 -2.929895
-201.224722 -88.916688 -2278.053
COMB DL-G2-3 MAX
REL DIST P M2 M3 V3
0.00000 10.201299 221.255756 10.434053
664.139681 79.651526 3666.537
0.25000 10.201299 233.995346 10.434053
640.167667 75.685795 3975.484
0.50000 10.201299 247.857609 10.434053
617.347332 72.707982 4269.593
0.75000 10.201299 262.642755 10.434053
604.385464 70.902258 4554.573
1.00000 10.201299 278.156112 10.434053
604.295960 69.863437 4817.367
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FRAME ELEMENT INTERNA
L FORCES
COMB DL-G2-3 MIN
REL DIST P M2 M3 V3
0.00000 -12.119534 -534.328719 -7.683401
-416.199673 -86.010616 -3022.078
0.25000 -12.119534 -514.748425 -7.683401
-443.463185 -85.484316 -3038.350
0.50000 -12.119534 -495.706349 -7.683401
-473.452628 -86.905433 -3026.876
0.75000 -12.119534 -477.741019 -7.683401
-505.608167 -88.518772 -3059.333
1.00000 -12.119534 -460.085472 -7.683401
-538.633575 -91.944803 -3091.784
COMB DB MIN
REL DIST P M2 M3 V3
0.00000 7.925740 181.208848 6.143771
572.715524 81.951737 3779.397
0.25000 7.925740 203.106820 6.143771
550.362537 81.211159 4035.688
0.50000 7.925740 226.426400 6.143771
549.915023 81.645056 4292.050
0.75000 7.925740 250.839507 6.143771
549.884998 86.549156 4549.379
1.00000 7.925740 276.242583 6.143771
549.856373 88.121469 4797.706
COMB DB MAX
REL DIST P M2 M3 V3
0.00000 7.925740 181.208848 6.143771
572.715524 81.951737 3779.397
0.25000 7.925740 203.106820 6.143771
550.362537 81.211159 4035.688
0.50000 7.925740 226.426400 6.143771
549.915023 81.645056 4292.050
0.75000 7.925740 250.839507 6.143771
549.884998 86.549156 4549.379
1.00000 7.925740 276.242583 6.143771
549.856373 88.121469 4797.706
COMB DB MIN
REL DIST P M2 M3 V3
0.00000 -8.144905 -550.775237 -8.183303
-537.520376 -71.217266 -2200.479
0.25000 -8.144905 -525.064054 -8.183303
-537.520376 -71.210303 -2096.337
0.50000 -8.144905 -499.879870 -8.183303
-537.520376 -73.190330 -1992.364
0.75000 -8.144905 -475.316514 -8.183303
-537.520376 -76.601005 -1988.399
1.00000 -8.144905 -451.738722 -8.183303
-547.359002 -81.475899 -1784.435
COMB DL MIN
REL DIST P M2 M3 V3
0.00000 10.201299 241.923437 10.434053
664.139681 88.379071 3986.382
0.25000 10.201299 257.991308 10.434053
640.167667 87.615975 4323.867
0.50000 10.201299 275.416232 10.434053
617.347332 88.292573 4638.847
0.75000 10.201299 293.951682 10.434053
614.443558 90.238733 4934.939
1.00000 10.201299 313.345554 10.434053
614.429995 94.908005 5201.451
COMB DL MAX
REL DIST P M2 M3 V3
0.00000 10.201299 241.923437 10.434053
664.139681 88.379071 3986.382
0.25000 10.201299 257.991308 10.434053
640.167667 87.615975 4323.867
0.50000 10.201299 275.416232 10.434053
617.347332 88.292573 4638.847
0.75000 10.201299 293.951682 10.434053
614.443558 90.238733 4934.939
1.00000 10.201299 313.345554 10.434053
614.429995 94.908005 5201.451
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FRAME ELEMENT INTERNA
L FORCES
COMB CAR MIN
REL DIST P M2 M3 V3
0.00000 -12.119534 -602.233963 -10.022993
-605.541329 -86.010616 -3042.449
0.25000 -12.119534 -577.243625 -10.022993
-610.583238 -85.484316 -3046.797
0.50000 -12.119534 -552.818764 -10.022993
-615.625147 -83.407321 -3067.752
0.75000 -12.119534 -529.418764 -10.022993
-620.667056 -88.518782 -3088.643
1.00000 -12.119534 -507.125926 -10.022993
-625.708966 -91.944803 -3109.525
COMB CAR MAX
REL DIST P M2 M3 V3
0.00000 10.201299 241.923437 10.434053
664.139681 88.379071 3986.382
0.25000 10.201299 257.991308 10.434053
640.167667 87.615975 4323.867
0.50000 10.201299 275.416232 10.434053
617.347332 88.292573 4638.847
0.75000 10.201299 293.951682 10.434053
614.443558 90.238733 4934.939
1.00000 10.201299 313.345554 10.434053
614.429995 94.908005 5201.451
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNA
L FORCES
COMB DESIGN MAX
REL DIST P M2 M3 V3
0.00000 10.201299 241.923437 10.434053
664.139681 88.379071 3986.382
0.25000 10.201299 257.991308 10.434053
640.167667 87.615975 4323.867
0.50000 10.201299 275.416232 10.434053
617.347332 88.292573 4638.847
0.75000 10.201299 293.951682 10.434053
614.443558 90.238733 4934.939
1.00000 10.201299 313.345554 10.434053
614.429995 94.908005 5201.451
COMB DESIGN MIN
REL DIST P M2 M3 V3
0.00000 -12.119534 -602.233963 -10.022993
-605.541329 -86.010616 -3042.449
0.25000 -12.119534 -577.243625 -10.022993
-610.583238 -85.484316 -3046.797
0.50000 -12.119534 -552.818764 -10.022993
-615.625147 -83.407321 -3067.752
0.75000 -12.119534 -529.418764 -10.022993
-620.667056 -88.518782 -3088.643
1.00000 -12.119534 -507.125926 -10.022993
-625.708966 -91.944803 -3109.525
COMB DESIGN MAX
REL DIST P M2 M3 V3
0

0.75000 5.410858 92.642451 6.596259
438.340441 12.212492 2831.566
1.00000 5.410858 92.642451 6.596259
438.311837 11.294265 2974.659

COMB DB-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.749383 -165.504054 -4.810817
202.227344 -5.749383 -165.504054 -4.810817
0.25000 -5.749383 -165.504054 -4.810817
-202.256532 -79.382715 -1223.197 -4.810817
0.50000 -5.749383 -165.504054 -4.810817
-202.287149 -79.382715 -1223.197 -4.810817
0.75000 -5.749383 -165.504054 -4.810817
-202.319425 -80.358428 -1086.823 -4.810817
1.00000 -5.749383 -165.504054 -4.810817
-202.357204 -83.080599 -1018.717

COMB DB-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.527387 198.955017 8.197587
519.965920 60.120599 4324.040 8.197587
0.25000 7.527387 198.955017 8.197587
-477.802606 58.145894 4452.784 8.197587
0.50000 7.527387 198.955017 8.197587
45.612238 57.590114 235.480404 8.197587
0.75000 7.527387 198.955017 8.197587
437.397837 58.145894 4452.784 8.197587
1.00000 7.527387 198.955017 8.197587
437.397837 58.145894 4452.784 8.197587

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -7.740405 -400.909995 -7.992577
-300.634777 -7.740405 -400.909995 -7.992577
0.25000 -7.740405 -400.909995 -7.992577
-332.335102 -75.950663 -1669.385 -7.992577
0.50000 -7.740405 -400.909995 -7.992577
-360.981349 -75.240046 -1571.635 -7.992577
0.75000 -7.740405 -400.909995 -7.992577
-393.414375 -76.316629 -1473.947 -7.992577
1.00000 -7.740405 -400.909995 -7.992577
-438.263223 -79.089612 -1376.300

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 5.038932 158.422040 2.881407
91.297445 68.001199 2558.483 2.881407
0.25000 5.038932 158.422040 2.881407
91.297445 68.001199 2558.483 2.881407
0.50000 5.038932 158.422040 2.881407
91.297445 68.001199 2558.483 2.881407
0.75000 5.038932 158.422040 2.881407
91.297445 68.001199 2558.483 2.881407
1.00000 5.038932 158.422040 2.881407

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.558472 -295.316354 -5.789896
-294.818429 -14.410091 -1286.845 -5.789896
0.25000 -5.558472 -295.316354 -5.789896
-293.214904 -13.271817 -1291.749 -5.789896
0.50000 -5.558472 -295.316354 -5.789896
-291.611384 -12.175066 -1296.659 -5.789896
0.75000 -5.558472 -295.316354 -5.789896
-290.007864 -11.033523 -1301.560 -5.789896
1.00000 -5.558472 -295.316354 -5.789896
-288.404343 -10.633523 -1306.485 -5.789896
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 6.319722 259.493537 4.671307
257.211581 6.319722 259.493537 4.671307
0.25000 6.319722 259.493537 4.671307
256.436934 6.319722 259.493537 4.671307
0.50000 6.319722 259.493537 4.671307
256.436934 6.319722 259.493537 4.671307
0.75000 6.319722 259.493537 4.671307
256.436934 6.319722 259.493537 4.671307
1.00000 6.319722 259.493537 4.671307
256.436934 6.319722 259.493537 4.671307

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -7.507869 -457.653877 -7.913850
-462.644838 -33.556622 -2328.949 -7.913850
0.25000 -7.507869 -457.653877 -7.913850
-466.914686 -31.449832 -2341.695 -7.913850
0.50000 -7.507869 -457.653877 -7.913850
-471.955621 -29.586029 -2354.454 -7.913850
0.75000 -7.507869 -457.653877 -7.913850
-476.985656 -28.385048 -2367.190 -7.913850
1.00000 -7.507869 -457.653877 -7.913850
-484.666781 -27.483454 -2379.931

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.683029 288.208562 8.109433
425.244081 9.683029 288.208562 8.109433
0.25000 9.683029 288.208562 8.109433
424.329054 9.683029 288.208562 8.109433
0.50000 9.683029 288.208562 8.109433
424.329054 9.683029 288.208562 8.109433
0.75000 9.683029 288.208562 8.109433
424.329054 9.683029 288.208562 8.109433
1.00000 9.683029 288.208562 8.109433
424.329054 9.683029 288.208562 8.109433

COMB DL-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -11.476755 -495.768320 -9.082307
-474.731743 -11.476755 -495.768320 -9.082307
0.25000 -11.476755 -495.768320 -9.082307
-478.732733 -10.432157 -3133.258 -9.082307
0.50000 -11.476755 -495.768320 -9.082307
-483.646263 -9.405797 -3137.078 -9.082307
0.75000 -11.476755 -495.768320 -9.082307
-488.562279 -8.370993 -3180.882 -9.082307
1.00000 -11.476755 -495.768320 -9.082307
-498.588963 -7.250636 -3204.684

COMB DL-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 5.552432 64.829280 5.978874
266.103378 5.552432 64.829280 5.978874
0.25000 5.552432 64.829280 5.978874
265.398194 5.552432 64.829280 5.978874
0.50000 5.552432 64.829280 5.978874
264.725688 5.552432 64.829280 5.978874
0.75000 5.552432 64.829280 5.978874
264.098043 5.552432 64.829280 5.978874
1.00000 5.552432 64.829280 5.978874
263.527877 5.552432 64.829280 5.978874

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3

0.00000 -6.595925 -94.984890 -2.986704
-64.271239 -6.595925 -94.984890 -2.986704
0.25000 -6.595925 -94.984890 -2.986704
-64.895059 -67.068889 -1218.010 -2.986704
0.50000 -6.595925 -94.984890 -2.986704
-65.577656 -69.354079 -1233.189 -2.986704
0.75000 -6.595925 -94.984890 -2.986704
-66.305885 -72.704916 -1248.364 -2.986704
1.00000 -6.595925 -94.984890 -2.986704
-67.068162 -76.800007 -1263.803 -2.986704
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.182566 149.153715 8.032513
477.709869 7.182566 149.153715 8.032513
0.25000 7.182566 149.153715 8.032513
477.692596 7.182566 149.153715 8.032513
0.50000 7.182566 149.153715 8.032513
477.675125 7.182566 149.153715 8.032513
0.75000 7.182566 149.153715 8.032513
477.660747 7.182566 149.153715 8.032513
1.00000 7.182566 149.153715 8.032513
477.646761 7.182566 149.153715 8.032513

COMB DL-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -8.949855 -219.032916 -4.537848
-237.468905 -88.778949 -2277.847 -4.537848
0.25000 -8.949855 -219.032916 -4.537848
-237.464268 -89.327868 -2303.331 -4.537848
0.50000 -8.949855 -219.032916 -4.537848
-237.500904 -91.199793 -2328.853 -4.537848
0.75000 -8.949855 -219.032916 -4.537848
-237.518664 -94.425228 -2354.367 -4.537848
1.00000 -8.949855 -219.032916 -4.537848
-237.537252 -98.798708 -2379.887 -4.537848

COMB DL-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.770830 259.749130 9.318072
570.631499 9.770830 259.749130 9.318072
0.25000 9.770830 259.749130 9.318072
570.631499 9.770830 259.749130 9.318072
0.50000 9.770830 259.749130 9.318072
570.631499 9.770830 259.749130 9.318072
0.75000 9.770830 259.749130 9.318072
570.631499 9.770830 259.749130 9.318072
1.00000 9.770830 259.749130 9.318072

COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -11.805582 -437.343182 -7.995641
-375.734682 -92.212614 -3091.663 -7.995641
0.25000 -11.805582 -437.343182 -7.995641
-400.982476 -91.964884 -3119.338 -7.995641
0.50000 -11.805582 -437.343182 -7.995641
-428.774904 -93.026922 -3147.042 -7.995641
0.75000 -11.805582 -437.343182 -7.995641
-458.643178 -95.468788 -3174.731 -7.995641
1.00000 -11.805582 -437.343182 -7.995641
-489.759913 -99.126255 -3202.438 -7.995641

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.00000 7.527387 231.512885 8.197587
519.965920 88.703338 4797.738 8.197587
0.25000 7.527387 231.512885 8.197587
477.826060 87.322862 4943.512 8.197587
0.50000 7.527387 231.512885 8.197587
451.612238 87.096559 5077.837 8.197587
0.75000 7.527387 231.512885 8.197587
438.340441 88.505299 5210.281 8.197587
1.00000 7.527387 231.512885 8.197587
438.311837 91.235933 5334.562 8.197587

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.00000 -7.740405 -471.650505 -8.560306
-437.788499 -79.382715 -1682.868 -8.560306
0.25000 -7.740405 -471.650505 -8.560306
-437.788499 -79.382715 -1682.868 -8.560306
0.50000 -7.740405 -471.650505 -8.560306
-437.788499 -79.382715 -1682.868 -8.560306
0.75000 -7.740405 -471.650505 -8.560306
-437.788499 -79.382715 -1682.868 -8.560306
1.00000 -7.740405 -471.650505 -8.560306
-437.788499 -79.382715 -1682.868 -8.560306
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.00000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.25000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.50000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.75000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
1.00000 9.770830 288.208562 9.318072

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.00000 -11.805582 -495.768320 -9.082307
-474.731743 -11.805582 -495.768320 -9.082307
0.25000 -11.805582 -495.768320 -9.082307
-478.732733 -10.964884 -3133.258 -9.082307
0.50000 -11.805582 -495.768320 -9.082307
-483.646263 -9.935297 -3137.078 -9.082307
0.75000 -11.805582 -495.768320 -9.082307
-488.562279 -8.905797 -3180.882 -9.082307
1.00000 -11.805582 -495.768320 -9.082307
-498.588963 -7.785036 -3204.684

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.25000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.50000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.75000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
1.00000 9.770830 288.208562 9.318072

COMB CAR ----- MIN

REL DIST P M2 M3 V3

0.00000 -11.805582 -495.768320 -9.082307
-474.731743 -11.805582 -495.768320 -9.082307
0.25000 -11.805582 -495.768320 -9.082307
-478.732733 -10.964884 -3133.258 -9.082307
0.50000 -11.805582 -495.768320 -9.082307
-483.646263 -9.935297 -3137.078 -9.082307
0.75000 -11.805582 -495.768320 -9.082307
-488.562279 -8.905797 -3180.882 -9.082307
1.00000 -11.805582 -495.768320 -9.082307
-498.588963 -7.785036 -3204.684

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.25000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.50000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.75000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
1.00000 9.770830 288.208562 9.318072

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.00000 -11.805582 -495.768320 -9.082307
-474.731743 -11.805582 -495.768320 -9.082307
0.25000 -11.805582 -495.768320 -9.082307
-478.732733 -10.964884 -3133.258 -9.082307
0.50000 -11.805582 -495.768320 -9.082307
-483.646263 -9.935297 -3137.078 -9.082307
0.75000 -11.805582 -495.768320 -9.082307
-488.562279 -8.905797 -3180.882 -9.082307
1.00000 -11.805582 -495.768320 -9.082307
-498.588963 -7.785036 -3204.684

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FRAME ELEMENT INTERNAL FORCES

ELEM 37 ----- LENGTH

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.25000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.50000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
0.75000 9.770830 288.208562 9.318072
570.631499 9.770830 288.208562 9.318072
1.00000 9.770830 288.208562 9.318072

COMB DB-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -11.805582 -495.768320 -9.082307
-474.731743 -11.805582 -495.768320 -9.082307
0.25000 -11.805582 -495.768320 -9.082307
-478.732733 -10.964884 -3133.258 -9.082307
0.50000 -11.805582 -495.768320 -9.082307
-483.646263 -9.935297 -3137.078 -9.082307
0.75000 -11.805582 -495.768320 -9.082307
-488.562279 -8.905797 -3180.882 -9.082307
1.00000 -11.805582 -495.768320 -9.082307
-498.588963 -7.785036 -3204.684

COMB DB-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.770830 288.208562

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V2	V3
0.00000	-11.342142	-404.745641	-32.5629		
422.305368	-98.841294	-3204.691	-8.325629		
0.25000	-11.342142	-382.136591	-8.325629		
422.476070	-97.964017	-3229.816	-8.325629		
0.50000	-11.342142	-360.275986	-8.325629		
444.235501	-97.826306	-3254.922	-8.325629		
0.75000	-11.342142	-339.437877	-8.325629		
471.537787	-98.709899	-3279.954	-8.325629		
1.00000	-11.342142	-319.916051	-8.325629		
500.045075	-100.435354	-3305.034	-8.325629		
COMB DL-G1-3	MIN				
REL DIST	P	M2	M3	V2	V3
0.00000	-11.031042	-404.745641	-8.325629		
422.305368	-98.841294	-3204.691	-8.325629		
0.25000	-11.031042	-382.136591	-8.325629		
422.476070	-97.964017	-3229.816	-8.325629		
0.50000	-11.031042	-360.275986	-8.325629		
444.235501	-97.826306	-3254.922	-8.325629		
0.75000	-11.031042	-339.437877	-8.325629		
471.537787	-98.709899	-3279.954	-8.325629		
1.00000	-11.031042	-319.916051	-8.325629		
500.045075	-100.435354	-3305.034	-8.325629		
COMB DL-G2-1	MAX				
REL DIST	P	M2	M3	V2	V3
0.00000	5.259695	76.815402	4.267644		
147.981027	6.942498	1648.140	4.267644		
0.25000	5.259695	76.815402	4.267644		
147.247336	6.666255	1638.912	4.267644		
0.50000	5.259695	76.815402	4.267644		
146.547677	6.400740	1631.052	4.267644		
0.75000	5.259695	76.815402	4.267644		
145.892656	6.150491	1623.624	4.267644		
1.00000	5.259695	76.815402	4.267644		
145.295697	5.917905	1617.204	4.267644		
COMB DL-G2-1	MIN				
REL DIST	P	M2	M3	V2	V3
0.00000	-6.304464	-65.329770	-4.156365		
-147.830102	-7.4645803	-1263.811	-4.156365		
0.25000	-6.304464	-65.329770	-4.156365		
-148.427067	-6.350000	-1273.526	-4.156365		
0.50000	-6.304464	-64.736005	-4.156365		
-149.081537	-6.492398	-1283.231	-4.156365		
0.75000	-6.304464	-64.46219	-4.156365		
-148.781917	-7.304631	-1292.948	-4.156365		
1.00000	-6.304464	-64.203807	-4.156365		
-150.515691	-7.6371257	-1302.652	-4.156365		
COMB DL-G2-2	MAX				
REL DIST	P	M2	M3	V2	V3
0.00000	6.836414	181.823401	6.032060		
343.297885	18.006764	3509.545	6.032060		
0.25000	6.836414	181.823401	6.032060		
343.270954	17.265834	3471.059	6.032060		
0.50000	6.836414	181.836017	6.032060		
343.262850	16.724388	3446.371	6.032060		
0.75000	6.836414	181.842927	6.032060		
343.246846	16.607126	3442.219	6.032060		
1.00000	6.836414	181.850125	6.032060		
343.232241	16.697456	3451.646	6.032060		
COMB DL-G2-2	MIN				
REL DIST	P	M2	M3	V2	V3
0.00000	-8.595520	-160.380718	-5.905995		
-343.713479	-98.280534	-2379.865	-5.905995		
0.25000	-8.595520	-160.373477	-5.905995		
-343.728085	-98.595979	-2389.302	-5.905995		
0.50000	-8.595520	-160.361618	-5.905995		
-343.744080	-98.258344	-2416.713	-5.905995		
0.75000	-8.595520	-160.359927	-5.905995		
-343.761196	-98.769702	-2435.123	-5.905995		
1.00000	-8.595520	-160.355245	-5.905995		
-343.779127	-98.256245	-2453.522	-5.905995		
COMB DL-G2-3	MAX				
REL DIST	P	M2	M3	V2	V3
0.00000	9.298176	313.206864	8.415167		
503.928983	69.896137	5366.052	8.415167		
0.25000	9.298176	328.368933	8.415167		
475.469237	68.956595	5369.695	8.415167		
0.50000	9.298176	344.484339	8.415167		
448.195830	68.16768	5356.127	8.415167		
0.75000	9.298176	361.739658	8.415167		
422.858926	68.755546	5330.822	8.415167		
1.00000	9.298176	379.768718	8.415167		
400.196520	65.403189	5288.151	8.415167		
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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V2	V3
0.00000	-11.342142	-404.745641	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.25000	-11.342142	-382.136591	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.50000	-11.342142	-360.275986	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.75000	-11.342142	-339.437877	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
1.00000	-11.342142	-319.916051	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
500.045075	-100.435354	-3305.034	-3.292518		
COMB DL-G2-3	MIN				
REL DIST	P	M2	M3	V2	V3
0.00000	-11.342142	-404.745641	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.25000	-11.342142	-382.136591	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.50000	-11.342142	-360.275986	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.75000	-11.342142	-339.437877	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
1.00000	-11.342142	-319.916051	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
500.045075	-100.435354	-3305.034	-3.292518		
COMB DL-G2-3	MAX				
REL DIST	P	M2	M3	V2	V3
0.00000	9.298176	313.206864	8.415167		
503.928983	69.896137	5366.052	8.415167		
0.25000	9.298176	328.368933	8.415167		
475.469237	68.956595	5369.695	8.415167		
0.50000	9.298176	344.484339	8.415167		
448.195830	68.16768	5356.127	8.415167		
0.75000	9.298176	361.739658	8.415167		
422.858926	68.755546	5330.822	8.415167		
1.00000	9.298176	379.768718	8.415167		
400.196520	65.403189	5288.151	8.415167		
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REL DIST	P	M2	M3	V2	V3
0.00000	-11.342142	-404.745641	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.25000	-11.342142	-382.136591	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.50000	-11.342142	-360.275986	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.75000	-11.342142	-339.437877	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
1.00000	-11.342142	-319.916051	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
500.045075	-100.435354	-3305.034	-3.292518		
COMB DL-G1-3	MIN				
REL DIST	P	M2	M3	V2	V3
0.00000	-11.342142	-404.745641	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.25000	-11.342142	-382.136591	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.50000	-11.342142	-360.275986	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
0.75000	-11.342142	-339.437877	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
1.00000	-11.342142	-319.916051	-3.292518		
-61.182083	-3.476176	-236.423433	-3.292518		
500.045075	-100.435354	-3305.034	-3.292518		
COMB DL-G1-3	MAX				
REL DIST	P	M2	M3	V2	V3
0.00000	9.298176	313.206864	8.415167		
503.928983	69.896137	5366.052	8.415167		
0.25000	9.298176	328.368933	8.415167		
475.469237	68.956595	5369.695	8.415167		
0.50000	9.298176	344.484339	8.415167		
448.195830	68.16768	5356.127	8.415167		
0.75000	9.298176	361.739658	8.415167		
422.858926	68.755546	5330.822	8.415167		
1.00000	9.298176	379.768718	8.415167		
400.196520	65.403189	5288.151	8.415167		
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422.00000	-11.342142	-404.745641	-8.325629		
422.305368	-98.841294	-3204.691	-8.325629		
0.25000	-11.342142	-382.136591	-8.325629		
422.476070	-97.964017	-3229.816	-8.325629		
0.50000	-11.342142	-360.275986	-8.325629		
444.235501	-97.826306	-3254.922	-8.325629		
0.75000	-11.342142	-339.437877	-8.325629		
471.537787	-98.709899	-3279.954	-8.325629		
1.00000	-11.342142	-319.916051	-8.325629		
500.045075	-100.435354	-3305.034	-8.325629		
COMB CAR ----- MAX					
REL DIST	P	M2	V2	V3	
0.00000	T	9.298176	349.237781	8.415167	
503.928983	T	104.398041	5774.406	8.415167	
0.25000	T	9.298176	368.571627	8.415167	
475.469237	T	103.100438	5789.644	8.415167	
0.50000	T	9.298176	389.232992	8.415167	
448.195830	T	102.534117	5779.912	8.415167	
0.75000	T	9.298176	410.922759	8.415167	
429.664846	T	103.165192	5750.744	8.415167	
1.00000	T	9.298176	433.364686	8.415167	
428.921954	T	104.516661	5696.652	8.415167	
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COMB CAR	----- MIN				
REL DIST	P	M2	V2	V3	
0.00000	T	-11.342142	-404.745641	-8.711243	
422.305368	T	-98.841294	-3204.691	-8.711243	
0.25000	T	-11.342142	-382.136591	-8.711243	
422.476070	T	-97.964017	-3229.816	-8.711243	
0.50000	T	-11.342142	-360.275986	-8.711243	
444.235501	T	-97.826306	-3254.922	-8.711243	
0.75000	T	-11.342142	-339.437877	-8.711243	
471.537787	T	-98.709899	-3279.954	-8.711243	
1.00000	T	-11.342142	-319.916051	-8.711243	
500.045075	T	-100.435354	-3305.034	-8.711243	
COMB DESIGN ----- MAX					
REL DIST	P	M2	V2	V3	
0.00000	T	9.298176	349.237781	8.415167	
503.928983	T	104.398041	5774.406	8.415167	
0.25000	T	9.298176	368.571627	8.415167	
475.469237	T	103.100438	5789.644	8.415167	
0.50000	T	9.298176	389.232992	8.415167	
448.195830	T	102.534117	5779.912	8.415167	
0.75000	T	9.298176	410.922759	8.415167	
429.664846	T	103.165192	5750.744	8.415167	
1.00000	T	9.298176	433.364686	8.415167	
428.921954	T	104.516661	5696.652	8.415167	
COMB DESIGN ----- MIN					
REL DIST	P	M2	V2	V3	
0.00000	T	-11.342142	-404.745641	-8.711243	
422.305368	T	-98.841294	-3204.691	-8.711243	
0.25000	T	-11.342142	-382.136591	-8.711243	
422.476070	T	-97.964017	-3229.816	-8.711243	
0.50000	T	-11.342142	-360.275986	-8.711243	
444.235501	T	-97.826306	-3254.922	-8.711243	
0.75000	T	-11.342142	-339.437877	-8.711243	
471.537787	T	-98.709899	-3279.954	-8.711243	
1.00000	T	-11.342142	-319.916051	-8.711243	
500.045075	T	-100.435354	-3305.034	-8.711243	
ELEM 38 ----- LENGTH					
= 5.049171					
COMB DB-G1-1 ----- MAX					
REL DIST	P	M2	V2	V3	
0.00000	T	3.610855	213.628036	5.051382	
267.976878	T	73.580849	2753.524	5.051382	
0.25000	T	3.610855	243.49346	5.051382	
267.976878	T	70.660906	2750.025	5.051382	
0.50000	T	3.610855	256.366886	5.051382	
267.976878	T	68.875033	2716.345	5.051382	
0.75000	T	3.610855	278.954184	5.051382	
267.976878	T	68.298979	2560.868	5.051382	
1.00000	T	3.610855	301.150392	5.051382	
267.976878	T	68.821965	2553.445	5.051382	
COMB DB-G1-1 ----- MIN					
REL DIST	P	M2	V2	V3	
0.00000	T	-3.476176	-236.423433	-3.292518	
267.976878	T	-4.517568	-664.544048	-3.292518	
0.25000	T	-3.476176	-213.783211	-3.292518	
267.976878	T	-8.473959	-718.960043	-3.292518	
0.50000	T	-3.476176	-191.256398	-3.292518	
267.976878	T	-3.476176	-170.735156	-3.292518	
0.75000	T	-3.476176	-170.735156	-3.292518	
267.976878	T	-10.717022	-827.009005	-3.292518	
1.00000	T	-3.476176	-150.150500	-3.292518	
267.976878	T	-11.916033	-682.359791	-3.292518	
COMB DB-G1-2 ----- MAX					
REL DIST	P	M2	V2	V3	
0.00000	T	4.537198	340.064910	6.652962	
438.631279	T	91.117693	4618.744	6.652962	
0.25000	T	4.537198	366.095880	6.652962	
438.612183	T	88.442305	4548.223	6.652962	
0.50000	T	4.537198	395.158156	6.652962	
438.612183	T	87.424816	4461.744	6.652962	
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COMB DB-G1-2 ----- MAX	REL DIST	P	M2	V2	V3
0.00000	T	4.537198	421.553139	6.652962	
424.812183	T	87.936226	4367.300	6.652962	
1.00000	T	4.537198	450.413168	6.652962	
424.812183	T	89.723886	4254.526	6.652962	
COMB DB-G1-3 ----- MIN					
REL DIST	P	M2	M3	V2	V3
0.00000	T	-4.748179	-336.544186	-4.750598	
-210.133032	T	-16.605801	-1215.009	-4.750598	
0.25000	T	-4.748179	-307.866174	-4.750598	
-210.134069	T	-16.190875	-1061.81321	-4.750598	
0.50000	T	-4.748179	-280.160260	-4.750598	
-210.134069	T	-19.827815	-1407.033	-4.750598	
0.75000	T	-4.748179	-253.552807	-4.750598	
-210.134069	T	-21.581033	-1603.946	-4.750598	
1.00000	T	-4.748179	-228.424027	-4.750598	
-210.134069	T	-23.282967	-1260.260	-4.750598	
COMB DB-G1-3 ----- MAX					
REL DIST	P	M2	V2	V3	
0.00000	T	6.726346	361.283439	7.951635	
451.756606	T	84.613767	5365.562	7.951635	
0.25000	T	6.726346	384.913875	7.951635	
436.582575	T	82.925062	5258.028	7.951635	
0.50000	T	6.726346	409.618179	7.951635	
436.582575	T	82.610041	5141.719	7.951635	
0.75000	T	6.726346	435.255807	7.951635	
436.582575	T	83.790501	5022.429	7.951635	

0.00000 -6.951542 -336.544186 -8.823305
-438.011111 -81.114742 -1639.470 -8.823305
0.25000 -6.951542 -336.544186 -8.823305
-438.039753 -77.537568 -1759.663
0.50000 -6.951542 -280.160260 -8.823305
-451.848528 -55.575464 -1883.856
0.75000 -6.951542 -253.552400 -8.823305
-478.571802 -75.872729 -2008.072
1.00000 -6.951542 -230.639285 -8.823305
-520.695514 -77.488674 -2132.314
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L FORCES

COMB DL-----MAX
REL DIST T M2 M3 V3
0.00000 8.760927 433.063146 8.943229
503.397295 104.342610 5696.548
0.25000 8.760927 453.819527 8.943229
493.470579 101.330567 5550.401
0.50000 8.760927 475.824240 8.943229
488.554155 99.127849 5375.858
0.75000 8.760927 498.818347 8.943229
483.645517 97.751931 5182.803
1.00000 8.760927 522.497407 8.943229
479.714557 97.142847 4965.803

COMB DL-----MIN
REL DIST T M2 M3 V3
0.00000 -10.710789 -332.246463 -8.905522
-479.416718 -100.033709 -3305.060
0.25000 -10.710789 -311.042401 -8.905522
-493.857952 -97.171462 -3331.562
0.50000 -10.710789 -290.621925 -8.905522
-516.743061 -95.165753 -3358.105
0.75000 -10.710789 -271.289046 -8.905522
-541.550668 -94.233807 -3384.564
1.00000 -10.710789 -253.307503 -8.905522
-567.507518 -94.444389 -3411.032

COMB CAR-----MAX
REL DIST T M2 M3 V3
0.00000 8.760927 433.063146 8.943229
503.397295 104.342610 5696.548
0.25000 8.760927 453.819527 8.943229
493.470579 101.330567 5550.401
0.50000 8.760927 475.824240 8.943229
488.554155 99.127849 5375.858
0.75000 8.760927 498.818347 8.943229
483.645517 97.751931 5182.803
1.00000 8.760927 522.497407 8.943229
479.714557 97.142847 4965.803

COMB CAR-----MIN
REL DIST T M2 M3 V3
0.00000 -10.710789 -336.544186 -8.905522
-479.416718 -100.033709 -3305.060
0.25000 -10.710789 -311.042401 -8.905522
-493.857952 -97.171462 -3331.562
0.50000 -10.710789 -290.621925 -8.905522
-516.743061 -95.165753 -3358.105
0.75000 -10.710789 -271.289046 -8.905522
-541.550668 -94.233807 -3384.564
1.00000 -10.710789 -253.307503 -8.905522
-567.507518 -94.444389 -3411.032

COMB DESIGN-----MAX
REL DIST T M2 M3 V3
0.00000 8.760927 433.063146 8.943229
503.397295 104.342610 5696.548
0.25000 8.760927 453.819527 8.943229
493.470579 101.330567 5550.401
0.50000 8.760927 475.824240 8.943229
488.554155 99.127849 5375.858
0.75000 8.760927 498.818347 8.943229
483.645517 97.751931 5182.803
1.00000 8.760927 522.497407 8.943229
479.714557 97.142847 4965.803

COMB DESIGN-----MIN
REL DIST T M2 M3 V3
0.00000 -10.710789 -336.544186 -8.905522
-479.416718 -100.033709 -3305.060
0.25000 -10.710789 -311.042401 -8.905522
-493.857952 -97.171462 -3331.562
0.50000 -10.710789 -290.621925 -8.905522
-516.743061 -95.165753 -3358.105
0.75000 -10.710789 -271.289046 -8.905522
-541.550668 -94.233807 -3384.564
1.00000 -10.710789 -253.307503 -8.905522
-567.507518 -94.444389 -3411.032
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ELEM 39 ===== LENGTH = 5.049624
COMB DB-G1-1-----MAX
REL DIST T M2 M3 V3
0.00000 3.405893 251.879721 5.963952
367.760743 68.463178 2552.506
0.25000 3.405893 272.787888 5.963952
367.760743 63.646709 2488.946
0.50000 3.405893 294.601451 5.963952
367.760743 59.826278 2396.035
0.75000 3.405893 317.00748 5.963952
367.760743 57.045049 2272.538
1.00000 3.405893 339.516681 5.963952
367.760743 55.316574 2118.340

COMB DB-G1-1-----MIN
REL DIST T M2 M3 V3
0.00000 -3.295683 -199.226570 -1.615537
-48.957893 -11.890693 -882.391792
0.25000 -3.295683 -176.969653 -1.615537
-48.957893 -14.285629 -945.417517
0.50000 -3.295683 -155.211171 -1.615537
-48.957893 -16.889660 -1008.949
0.75000 -3.295683 -134.411790 -1.615537
-48.957893 -19.517789 -1071.675
1.00000 -3.295683 -114.861121 -1.615537
-48.957893 -22.167582 -1134.967

COMB DB-G1-2-----MAX
REL DIST T M2 M3 V3
0.00000 4.329496 405.218706 7.649194
547.403166 89.158447 4253.651
0.25000 4.329496 431.299140 7.649194
537.336896 84.806737 4080.586
0.50000 4.329496 458.491436 7.649194
537.336896 81.532493 3891.421
0.75000 4.329496 486.396201 7.649194
537.336896 79.584513 3694.524
1.00000 4.329496 514.888398 7.649194
537.336896 78.896046 3487.521

COMB DB-G1-2-----MIN
REL DIST T M2 M3 V3
0.00000 -4.329496 -405.218706 -7.649194
-547.403166 -89.158447 -4253.651
-537.336896 -84.806737 -4080.586
-537.336896 -81.532493 -3891.421
-537.336896 -79.584513 -3694.524
-537.336896 -78.896046 -3487.521

REL DIST T M2 M3 V3
0.00000 -4.542223 -275.962800 -2.885732
-211.337472 -23.258911 -1600.407
0.25000 -4.542223 -247.774747 -2.885732
-211.337472 -26.007412 -1708.272
0.50000 -4.542223 -220.63137 -2.885732
-211.337472 -29.042144 -1812.181
0.75000 -4.542223 -194.675893 -2.885732
-211.337472 -32.297575 -1708.272
1.00000 -4.542223 -170.258002 -2.885732
-211.337472 -35.644207 -2024.380

COMB DB-G1-3-----MAX
REL DIST T M2 M3 V3
0.00000 6.347066 441.451377 7.663890
510.266018 85.604711 4890.382
0.25000 6.347066 465.126326 7.663890
498.490628 82.616930 4655.327
0.50000 6.347066 489.809867 7.663890
498.490628 80.737284 4490.959
0.75000 6.347066 515.139708 7.663890
498.490628 80.179293 4163.824
1.00000 6.347066 541.018327 7.663890
498.490628 80.794350 3951.742

COMB DB-G1-3-----MIN
REL DIST T M2 M3 V3
0.00000 -6.507620 -274.988491 -6.848250
-442.152861 -57.625574 -2132.441
0.25000 -6.507620 -249.385233 -6.848250
-442.152861 -56.520890 -2259.288
0.50000 -6.507620 -224.748521 -6.848250
-442.152861 -56.266754 -2386.175
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REL DIST T M2 M3 V3
0.00000 -6.507620 -201.183404 -6.848250
-442.152861 -57.154790 -2513.164
0.25000 -6.507620 -179.018327 -6.848250
-442.152861 -58.814244 -2640.292

COMB DB-G2-1-----MAX
REL DIST T M2 M3 V3
0.00000 3.516873 84.380079 1.665925
45.142824 3.516873 1163.012
0.25000 3.516873 84.685324 1.665925
45.194078 4.029117 1076.792
0.50000 3.516873 84.995952 1.665925
44.719875 5.724345 993.196
0.75000 3.516873 85.321804 1.665925
44.484883 7.817878 915.256639
1.00000 3.516873 85.673983 1.665925
42.696219 10.544674 826.74257

COMB DB-G2-1-----MIN
REL DIST T M2 M3 V3
0.00000 -3.502312 -32.338831 -6.212894
-324.631569 -59.892345 -815.28552
0.25000 -3.502312 -32.338831 -6.212894
-325.601540 -54.669742 -849.680126
0.50000 -3.502312 -32.273407 -6.212894
-327.409321 -51.034767 -864.257100
0.75000 -3.502312 -31.970698 -6.212894
-327.252535 -48.646383 -918.814037
1.00000 -3.502312 -31.685053 -6.212894
-328.270984 -47.309342 -953.376881

COMB DB-G2-2-----MAX
REL DIST T M2 M3 V3
0.00000 4.567080 208.036260 2.532132
183.298937 12.260217 2664.230
0.25000 4.567080 208.047534 2.532132
183.229544 17.431150 2268.253
0.50000 4.567080 208.059187 2.532132
183.198568 20.892220 2121.551
0.75000 4.567080 208.084201 2.532132
183.169308 25.081822 2012.544

COMB DB-G2-2-----MIN
REL DIST T M2 M3 V3
0.00000 -4.865399 -69.995558 -8.156645
-548.701815 -76.342020 -1584.239
0.25000 -4.865399 -69.982602 -8.156645
-548.730983 -70.091492 -1576.736
0.50000 -4.865399 -69.970902 -8.156645
-548.760351 -66.693205 -1697.234
0.75000 -4.865399 -69.959866 -8.156645
-548.791883 -63.948625 -1842.332
1.00000 -4.865399 -69.949103 -8.156645
-548.829469 -62.535312 -1846.230

COMB DB-G2-3-----MAX
REL DIST T M2 M3 V3
0.00000 6.357095 387.118739 6.189237
476.034205 58.325225 4416.036
0.25000 6.357095 405.614306 6.189237
432.574448 57.593061 4180.446
0.50000 6.357095 424.871449 6.189237
403.100661 57.841100 3941.264
0.75000 6.357095 444.614403 6.189237
373.955789 59.509096 3708.585
1.00000 6.357095 465.365443 6.189237
345.870187 62.634980 3482.025

COMB DB-G2-3-----MIN
REL DIST T M2 M3 V3
0.00000 -6.569651 -208.862015 -8.720985
-533.746609 -74.242822 -2230.577
0.25000 -6.569651 -189.614736 -8.720985
-533.746609 -73.55239 -2347.022
0.50000 -6.569651 -171.187309 -8.720985
-549.344416 -70.638669 -2463.560
0.75000 -6.569651 -153.639261 -8.720985
-571.660351 -70.782327 -2580.156

COMB DL-G1-1-----MAX
REL DIST T M2 M3 V3
0.00000 4.293929 276.632452 7.867956
470.981633 70.981633 470.981633
0.25000 4.293929 296.542487 7.867956
415.954964 65.382214 2354.983
0.50000 4.293929 317.489971 7.867956
417.558761 60.359124 2215.426

0.75000 4.293929 339.231271 7.867956
419.162558 56.071876 2041.847
1.00000 4.293929 361.51315 1834.942
COMB DL-G1-1-----MIN
REL DIST T M2 M3 V3
0.00000 -4.739885 -180.952671 -1.338230
-70.248624 -21.30929 -1182.005
0.25000 -4.739885 -163.609754 -1.338230
-70.248624 -24.988866 -1439.387
0.50000 -4.739885 -146.976704 -1.338230
-70.248624 -28.11899 -1686.773
0.75000 -4.739885 -131.319821 -1.338230
-70.248624 -32.105424 -1494.323
1.00000 -4.739885 -116.840818 -1.338230
-70.248624 -36.331954 -1521.488

COMB DL-G1-2-----MAX
REL DIST T M2 M3 V3
0.00000 5.445862 463.035887 10.242544
628.553828 56.381278 4153.201
0.25000 5.445862 487.418913 10.242544
623.512022 91.070697 3924.109
0.50000 5.445862 513.108887 10.242544
618.470216 84.507772 3660.293
0.75000 5.445862 539.801933 10.242544
613.428411 82.714488 3376.474
1.00000 5.445862 567.195816 10.242544
608.386605 79.935386 3064.681

COMB DL-G1-2-----MIN
REL DIST T M2 M3 V3
0.00000 -6.430107 -267.146029 -2.891416
-241.552558 -59.581879 -2555.345
0.25000 -6.430107 -245.622279 -2.891416
-241.552558 -44.088221 -2593.127
0.50000 -6.430107 -225.011213 -2.891416
-241.552558 48.928207 2630.799
0.75000 -6.430107 205.646623 2630.799
-241.552558 -54.117887 -2668.722
1.00000 -6.430107 -187.742276 -2.891416
-241.552558 -59.715132 -2706.077

COMB DL-G1-3-----MAX
REL DIST T M2 M3 V3
0.00000 8.150523 533.076956 10.006806
603.131487 91.968249 4965.493
0.25000 8.150523 555.257285 10.006806
595.06805 88.382703 4658.983
0.50000 8.150523 578.633715 10.006806
591.119939 85.734231 4322.281
0.75000 8.150523 602.921503 10.006806
584.280988 82.809898 3996.189
1.00000 8.150523 627.848523 10.006806
581.286208 84.118023 3586.905
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COMB DL-G1-3-----MIN
REL DIST T M2 M3 V3
0.00000 -9.698075 -277.155334 -7.646309
-492.301232 -76.009220 -3411.083
0.25000 -9.698075 -257.506023 -7.646309
-492.301232 -82.824802 -3440.963
0.50000 -9.698075 -238.797447 -7.646309
-492.301232 -76.448270 -3470.736
0.75000 -9.698075 -221.158549 -7.646309
-492.301232 78.076555 -3500.738
1.00000 -9.698075 -204.874086 -7.646309
-492.301232 -80.837923 -3530.235

COMB DL-G2-1-----MAX
REL DIST T M2 M3 V3
0.00000 4.550985 130.930278 1.479352
52.979751 5.459725 1363.625
0.25000 4.550985 131.215969 1.479352
52.92986 5.367794 1249.985
0.50000 4.550985 131.519304 1.479352
51.442989 8.442540 1136.632
0.75000 4.550985 131.836102 1.479352
50.718322 17.224529 1049.173
1.00000 4.550985 132.163187 1.479352
50.099720 15.997766 914.496245

COMB DL-G2-1-----MIN
REL DIST T M2 M3 V3
0.00000 -5.519811 -44.898166 -7.732771
-389.352769 -63.991217 -1341.738
0.25000 -5.519811 -44.629484 -7.732771
-389.303277 -56.982798 -1345.896
0.50000 -5.519811 -44.377716 -7.732771
-390.507553 -51.302928 -1416.205
0.75000 -5.519811 -44.134675 -7.732771
-391.533794 -47.220072 -1422.742
1.00000 -5.519811 -43.915118 -7.732771
-391.831154 -44.551684 -1429.888

COMB DL-G2-2-----MAX
REL DIST T M2 M3 V3
0.00000 5.912043 297.227493 2.635095
202.442803 6.301994 2948.354
0.25000 5.912043 297.234316 2.635095
202.423645 20.826263 2699.752
0.50000 5.912043 297.245705 2.635095
202.405397 21.871974 2458.705
0.75000 5.912043 297.249133 2.635095
202.388332 28.595647 2240.093
1.00000 5.912043 297.256950 2.635095
202.372698 34.367235 2036.759

COMB DL-G2-2-----MIN
REL DIST T M2 M3 V3
0.00000 -7.477867 -100.551185 -9.969987
-611.91853 -85.595339 -2497.840
0.25000 -7.477867 -100.544748 -9.969987
-611.930385 -78.360088 -2494.843
0.50000 -7.477867 -100.538629 -9.969987
-611.945220 -70.477716 -2488.753
0.75000 -7.477867 -100.532908 -9.969987
-611.961074 -67.811793 -2488.755
1.00000 -7.477867 -100.527670 -9.969987
-611.977690 -64.992579 -2485.591

COMB DL-G2-3-----MAX
REL DIST T M2 M3 V3
0.00000 8.166921 484.783988 7.608162
540.632808 65.508392 4581.769
0.25000 8.166921 502.027995 7.608162
540.622569 64.629669 4279.448
0.50000 8.166921 520.258700 7.608162
540.596824 64.775285 3954.361
0.75000 8.166921 539.243348 7.608162
540.550347 66.267506 3619.624
1.00000 8.166921

REL DIST P M2 V2 V3
0.00000 -3.119714 -152.831042 -0.218219
-76.906580 -22.004699 -1134.804
0.25000 -3.119714 -131.111339 -0.218219
-76.906580 -25.908143 -1215.946
0.50000 -3.119714 -110.011339 -0.218219
-76.906580 -29.098143 -1297.088
0.75000 -3.119714 -89.958656 -0.218219
-76.906580 -32.673983 -1215.946
1.00000 -3.119714 -71.195907 -0.218219
-76.906580 -36.249823 -1459.569

COMB DB-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 4.111441 480.046604 8.592532
613.896648 78.124721 3486.391
0.25000 4.111441 506.168164 8.592532
613.896648 71.688423 3203.287
0.50000 4.111441 533.240737 8.592532
613.896648 66.082114 2906.362
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REL DIST T M2 M3 V2 V3
0.75000 4.111441 560.867558 8.592532
613.896648 61.540103 2604.584
1.00000 4.111441 588.895601 8.592532
613.896648 58.113011 2297.356

COMB DB-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -4.348656 -208.611264 -1.167580
-233.087090 -35.451979 -2024.330
0.25000 -4.348656 -181.123109 -1.167580
-233.087090 -39.637893 -2150.277
0.50000 -4.348656 -154.793761 -1.167580
-233.087090 -44.301871 -2276.225
0.75000 -4.348656 -129.754621 -1.167580
-233.087090 -48.770426 -2402.181
1.00000 -4.348656 -106.305473 -1.167580
-233.087090 -53.238980 -2528.283

COMB DB-G1-3 ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 5.955891 524.445231 8.103164
600.243705 80.20255 3915.695
0.25000 5.955891 548.155669 8.103164
599.007927 75.602679 3559.173
0.50000 5.955891 572.729104 8.103164
599.007927 71.849299 3194.833
0.75000 5.955891 597.805366 8.103164
599.007927 69.191711 2833.957
1.00000 5.955891 623.261578 8.103164
599.007927 67.738983 2478.264

COMB DB-G1-3 ----- MIN

REL DIST P M2 M3 V2 V3
0.00000 -6.153781 -214.416361 -5.920748
-503.404378 -6.153781 -189.444736 -5.920748
0.25000 -6.153781 -189.444736 -5.920748
-503.404378 -58.081150 -2772.740
0.50000 -6.153781 -165.547875 -5.920748
-503.404378 -57.405444 -2695.362
0.75000 -6.153781 -142.817253 -5.920748
-503.404378 -57.711533 -3038.204
1.00000 -6.153781 -121.525928 -5.920748
-503.404378 -58.662884 -3171.166

COMB DB-G2-1 ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 3.249521 100.154555 0.324753
50.448930 9.979914 844.107412
0.25000 3.249521 100.459516 0.324753
53.014639 12.253451 734.505816
0.50000 3.249521 100.765033 0.324753
50.912095 14.883299 631.218950
0.75000 3.249521 101.742689 0.324753
51.261426 18.049966 534.495182
1.00000 3.249521 101.403653 0.324753
50.441260 21.910309 445.893560

COMB DB-G2-1 ----- MIN

REL DIST P M2 M3 V2 V3
0.00000 -3.255614 -31.697061 -0.052760
-389.191606 -47.753851 -953.482375
0.25000 -3.255614 -31.697061 -0.052760
-389.950802 -47.753851 -953.482375
0.50000 -3.255614 -31.697061 -0.052760
-390.771684 -36.155918 -985.909542
0.75000 -3.255614 -30.757547 -0.052760
-391.618331 -30.757547 -1018.932
1.00000 -3.255614 -30.482196 -0.052760
-392.623991 -28.850600 -1018.932

COMB DB-G2-2 ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 4.258389 247.153791 0.918894
208.378638 24.225288 2041.392
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V2 V3
0.25000 4.258389 247.164951 0.918894
208.340269 27.800955 1747.282
0.50000 4.258389 247.176501 0.918894
208.307119 31.937031 1508.403
0.75000 4.258389 247.188279 0.918894
208.275329 36.073472 1201.071
1.00000 4.258389 247.205159 0.918894
208.244815 42.364925 1156.568

COMB DB-G2-2 ----- MIN

REL DIST P M2 M3 V2 V3
0.00000 -4.575044 -57.313173 -1.958015
-625.687488 -63.143520 -1846.488
0.25000 -4.575044 -57.297525 -1.958015
-625.715885 -55.648148 -1898.674
0.50000 -4.575044 -57.282015 -1.958015
-625.746336 -49.265992 -1951.416
0.75000 -4.575044 -57.275361 -1.958015
-625.776677 -44.141018 -2004.278
1.00000 -4.575044 -57.265159 -1.958015
-625.815107 -40.259371 -2057.140

COMB DB-G2-3 ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 5.951849 458.241185 5.238483
526.219065 61.428447 3483.117
0.25000 5.951849 476.694115 5.238483
487.626038 60.720398 3144.593
0.50000 5.951849 495.806771 5.238483
458.693676 60.973807 2805.520

0.75000 5.951849 515.306088 5.238483
427.590572 62.454126 247.143
1.00000 5.951849 535.847232 5.238483
414.011682 65.443678 2161.080

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V2 V3
0.00000 -6.197089 -183.116009 -8.623793
-599.885760 -71.755772 2980.441
0.25000 -6.197089 -163.077492 -8.623793
-599.885760 -66.548832 -2688.353
0.50000 -6.197089 -144.041600 -8.623793
-599.885760 -62.908823 -2396.865
0.75000 -6.197089 -126.611884 -8.623793
-608.349895 -60.602497 -2905.483
1.00000 -6.197089 -109.917775 -8.623793
-631.615441 -59.330540 -3014.102

COMB DL-G1-1 ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 4.080221 348.425094 9.694192
527.952572 152.446003 1633.116
0.25000 4.080221 369.980497 9.694192
529.456219 45.344523 1633.332
0.50000 4.080221 392.511728 9.694192
529.559855 75.70082 1439.465
0.75000 4.080221 415.780011 9.694192
532.663512 36.026103 1274.773
1.00000 4.080221 439.540053 9.694192
534.267159 28.485969 1112.066

COMB DL-G1-1 ----- MIN

REL DIST T M2 M3 V2 V3
0.00000 -4.435255 -143.896502 -0.306951
-139.801945 -36.485439 -1521.013
0.25000 -4.435255 -128.421893 -0.306951
-139.801945 -41.839736 -1570.895
0.50000 -4.435255 -113.710396 -0.306951
-139.801945 -47.513903 -1674.792
0.75000 -4.435255 -99.974792 -0.306951
-139.801945 -53.636001 -1859.880
1.00000 -4.435255 -87.438180 -0.306951
-139.801945 -60.367332 -2087.087
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 5.162236 573.477745 12.171407
748.308482 79.205846 3062.796
0.25000 5.162236 599.764770 12.171407
743.267149 72.223005 2685.297
0.50000 5.162236 627.287552 12.171407
738.225817 65.998310 2325.230
0.75000 5.162236 655.744968 12.171407
733.184484 60.878982 2056.682
1.00000 5.162236 684.846194 12.171407
728.143151 57.073227 1821.531

COMB DL-G1-2 ----- MIN

REL DIST T M2 M3 V2 V3
0.00000 -5.980310 -212.852759 -1.641647
-311.969515 -59.588724 -2705.770
0.25000 -5.980310 -193.547120 -1.641647
-311.969515 -65.434995 -2834.357
0.50000 -5.980310 -175.208247 -1.641647
-311.969515 -71.704868 -2902.168
0.75000 -5.980310 -158.098402 -1.641647
-311.969515 -81.604615 -3081.112
1.00000 -5.980310 -142.495748 -1.641647
-311.969515 -90.289139 -3533.742

COMB DL-G1-3 ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 7.594082 647.743454 11.321245
753.690673 83.002056 3586.575
0.25000 7.594082 671.653454 11.321245
748.772629 79.435774 3115.508
0.50000 7.594082 696.689629 11.321245
743.857865 77.155512 2664.341
0.75000 7.594082 722.578803 11.321245
738.941461 70.88293 2334.357
1.00000 7.594082 749.053287 11.321245
734.025057 77.684568 2049.773

COMB DL-G1-3 ----- MIN

REL DIST T M2 M3 V2 V3
0.00000 8.954078 -227.764166 -7.871200
-626.474268 -80.587700 -3530.278
0.25000 8.954078 -210.183619 -7.871200
-626.474268 -81.607974 -3566.641
0.50000 8.954078 -193.484326 -7.871200
-626.474268 -83.951621 -3671.768
0.75000 8.954078 -177.904670 -7.871200
-626.474268 -87.702735 -3955.416
1.00000 8.954078 -163.896928 -7.871200
-626.474268 -93.004661 -4324.094

COMB DL-G2-1 ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 4.173658 141.019038 0.969910
93.818594 15.517130 916.33588
0.25000 4.173658 141.320835 0.969910
93.021207 20.533197 772.390026
0.50000 4.173658 141.639329 0.969910
92.259914 26.189652 632.897718
0.75000 4.173658 141.970884 0.969910
91.544488 32.658319 538.920390
1.00000 4.173658 142.312122 0.969910
90.885173 40.135499 461.095210

COMB DL-G2-1 ----- MIN

REL DIST T M2 M3 V2 V3
0.00000 4.173658 141.019038 0.969910
93.818594 15.517130 916.33588
0.25000 4.173658 141.320835 0.969910
93.021207 20.533197 772.390026
0.50000 4.173658 141.639329 0.969910
92.259914 26.189652 632.897718
0.75000 4.173658 141.970884 0.969910
91.544488 32.658319 538.920390
1.00000 4.173658 142.312122 0.969910
90.885173 40.135499 461.095210

COMB DL-G2-2 ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 5.390773 339.369225 1.408320
268.698997 33.030647 2039.196
0.25000 5.390773 339.368126 1.408320
268.450522 39.735246 1712.818
0.50000 5.390773 339.375730 1.408320
268.432016 47.267374 1405.473

0.75000 5.390773 339.383647 1.408320
268.414627 55.873788 1212.081
1.00000 5.390773 339.391797 1.408320
268.398595 65.703465 1070.837

COMB DL-G2-2 ----- MIN

REL DIST T M2 M3 V2 V3
0.00000 -6.851115 -89.746118 -12.201026
-737.938940 -73.688997 2486.120
0.25000 -6.851115 -89.740197 -12.201026
-737.952219 -81.607974 -3569.824
0.50000 -6.851115 -89.743498 -12.201026
-737.968555 -83.951621 -3709.581
0.75000 -6.851115 -89.729392 -12.201026
-737.982599 -86.543909 -2538.518
1.00000 -6.851115 -89.724665 -12.201026
-737.999204 -84.387051 -2683.202

COMB DL-G2-3 ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 7.563848 575.223365 7.533655
649.544508 67.953166 3270.631
0.25000 7.563848 593.62821 7.533655
616.025983 69.689045 2827.454
0.50000 7.563848 613.005484 7.533655
582.559558 76.782121 2396.222
0.75000 7.563848 633.081604 7.533655
551.089156 77.088293 2095.101
1.00000 7.563848 653.665154 7.533655
522.263089 83.167954 1837.640

COMB DL-G2-3 ----- MIN

REL DIST T M2 M3 V2 V3
0.00000 -9.181694 -203.688746 -11.424832
-733.015639 -84.662191 -3547.373
0.25000 -9.181694 -189.474440 -11.424832
-733.001553 -81.594658 -3569.824
0.50000 -9.181694 -176.003314 -11.424832
-737.812556 -79.769779 -3709.581
0.75000 -9.181694 -163.492116 -11.424832
-760.308327 -79.501067 -3933.194
1.00000 -9.181694 -152.034138 -11.424832
-784.220810 -80.921177 -4224.466

COMB DB ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 5.955891 524.445231 8.592532
613.896648 80.179655 3915.695
0.25000 5.955891 548.155669 8.592532
613.896648 75.602679 3559.173
0.50000 5.955891 572.729104 8.592532
613.896648 71.849299 3194.833
0.75000 5.955891 597.805366 8.592532
613.896648 69.191711 2833.957
1.00000 5.955891 623.261578 8.592532
613.896648 67.738983 2478.264

COMB DB ----- MIN

REL DIST T M2 M3 V2 V3
0.00000 -6.197089 -214.416361 -5.915015
-625.687488 -71.755772 -2640.369
0.25000 -6.197089 -189.444736 -5.915015
-625.715885 -66.548832 -2772.740
0.50000 -6.197089 -163.077492 -5.915015
-625.746336 -62.908823 -2905.362
0.75000 -6.197089 -142.817253 -5.915015
-625.776677 -106.951497 -3038.204
1.00000 -6.197089 -121.525928 -5.915015
-631.615441 -59.330540 -3171.166
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 7.594082 647.743454 12.171407
753.690673 83.002056 3586.575
0.25000 7.594082 671.653454 12.171407
748.772629 79.435774 3115.508
0.50000 7.594082 696.689629 12.171407
743.857865 77.155512 2664.341
0.75000 7.594082 722.578803 12.171407
738.941461 70.88293 2334.357
1.00000 7.594082 749.053287 12.171407
734.025057 83.167954 2049.773

COMB DL ----- MIN

REL DIST T M2 M3 V2 V3
0.00000 -9.181694 -227.764166 -12.201026
-737.938940 -84.662191 -3547.373
0.25000 -9.181694 -210.183619 -12.201026
-737.952219 -81.607974 -3569.824
0.50000 -9.181694 -193.484326 -12.201026
-737.968555 -83.951621 -3709.581
0.75000 -9.181694 -177.904670 -12.201026
-760.308327 -87.702735 -3955.416
1.00000 -9.181694 -163.896928 -12.201026
-784.220810 -93.004661 -4324.094

COMB CAR ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 7.594082 647.743454 12.171407
753.690673 83.002056

317.207314 61.446876 462.933539

COMB DB-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.295226 -55.686576 -9.057949
-639.011905 -40.840658 -2057.878
0.25000 -4.295226 -55.686576 -9.057949
-639.042434 -32.729351 -2073.517
0.50000 -4.295226 -55.686576 -9.057949
-639.074261 -25.697382 -2089.326
0.75000 -4.295226 -55.686576 -9.057949
-639.106887 -20.243677 -2106.228
1.00000 -4.295226 -55.686576 -9.057949
-639.146388 -16.718416 -2123.425

COMB DB-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 5.556844 520.493130 5.252665
604.899161 64.066268 2162.368
0.25000 5.556844 538.952794 5.252665
574.712700 63.287020 1752.917
0.50000 5.556844 557.918181 5.252665
541.891875 62.030805 1350.801
0.75000 5.556844 577.119390 5.252665
524.585961 64.746248 987.557677
0.00000 5.556844 597.090881 5.252665
524.585961 67.877525 763.404989

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.836588 -138.035078 -8.550457
569.091247 -59.555011 -3014.479
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.25000 -5.836588 -119.108981 -8.550457
-669.091247 -54.253926 -3109.826
0.50000 -5.836588 -102.227827 -8.550457
-669.091247 -49.086621 -3135.363
0.75000 -5.836588 -86.219930 -8.550457
-669.091247 -47.036888 -3301.890
1.00000 -5.836588 -77.857372 -8.550457
-676.292419 -45.886665 -3399.038

COMB DL-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 4.026601 453.043841 9.357830
560.491768 28.420969 1111.1114
0.25000 4.026601 476.783161 9.357830
562.095326 21.694363 976.208033
0.50000 4.026601 501.411520 9.357830
563.698883 15.812249 846.740792
0.75000 4.026601 526.715626 9.357830
565.302441 10.983082 725.077724
1.00000 4.026601 552.470274 9.357830
566.906027 7.550524 616.622995

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.303748 -103.335620 -0.359021
-276.254185 -60.508276 -2087.813
0.25000 -4.303748 -90.288410 -0.359021
-276.254185 -68.886959 -2408.375
0.50000 -4.303748 -78.046900 -0.359021
-276.254185 -71.856685 -2774.364
0.75000 -4.303748 -66.825468 -0.359021
-276.254185 -68.550582 -3187.861
1.00000 -4.303748 -56.811989 -0.359021
-276.254185 -86.113535 -3652.047

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 5.140875 722.759816 11.544889
769.416925 56.500149 1820.695
0.25000 5.140875 751.576718 11.544889
764.375873 50.008488 1533.716
0.50000 5.140875 781.527039 11.544889
759.334821 44.505364 1337.949
0.75000 5.140875 812.323938 11.544889
754.293768 40.207469 1162.021
1.00000 5.140875 843.703874 11.544889
749.252627 37.387813 1033.135

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.838892 -157.315256 -1.478176
-462.000674 -90.082897 -3534.720
0.25000 -5.838892 -140.820331 -1.478176
-462.000674 -97.062270 -4017.476
0.50000 -5.838892 -125.351134 -1.478176
-462.000674 -104.665277 -4517.080
0.75000 -5.838892 -111.185019 -1.478176
-462.000674 -113.054186 -5214.938
1.00000 -5.838892 -98.523691 -5936.049

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.282150 779.871239 10.742871
862.344216 76.882916 2050.233
0.25000 7.282150 806.076143 10.742871
857.428085 74.478978 1746.137
0.50000 7.282150 833.313834 10.742871
852.511954 74.290207 1489.983
0.75000 7.282150 861.322981 10.742871
847.595824 76.359653 1295.735
1.00000 7.282150 889.864023 10.742871
842.679606 80.541160 1190.596
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COMB DL-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -8.528534 -182.169153 -7.603676
-782.520444 -92.681732 -4325.085
0.25000 -8.528534 -167.145099 -7.603676
-782.520444 -94.866144 -4802.284
0.50000 -8.528534 -153.052951 -7.603676
-782.520444 -100.130845 -5369.884
0.75000 -8.528534 -140.140947 -7.603676
-782.520444 -107.399028 -6029.645
1.00000 -8.528534 -128.603438 -6793.676
-782.520444 -116.054331 -7685.010

COMB DL-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 3.801728 132.982614 0.524270
213.270360 40.871727 1462.6612
0.25000 3.801728 133.305766 0.524270
212.466930 46.103647 391.120951
0.50000 3.801728 133.644181 0.524270
211.704259 52.846892 338.853095

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 3.801728 132.982614 0.524270
213.270360 40.871727 1462.6612
0.25000 3.801728 133.305766 0.524270
212.466930 46.103647 391.120951
0.50000 3.801728 133.644181 0.524270
211.704259 52.846892 338.853095

COMB DL-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 3.801728 132.982614 0.524270
213.270360 40.871727 1462.6612
0.25000 3.801728 133.305766 0.524270
212.466930 46.103647 391.120951
0.50000 3.801728 133.644181 0.524270
211.704259 52.846892 338.853095

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 3.801728 132.982614 0.524270
213.270360 40.871727 1462.6612
0.25000 3.801728 133.305766 0.524270
212.466930 46.103647 391.120951
0.50000 3.801728 133.644181 0.524270
211.704259 52.846892 338.853095

0.75000 3.801728 133.993900 0.524270

210.992274 60.499274 307.477791 0.524270

210.339126 69.171984 320.376515

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.734988 -59.305650 -9.414842
-83.000099 -45.012370 -4325.085
0.25000 -4.734988 -59.082315 -9.414842
-504.971214 -19.266256 -1455.469
0.50000 -4.734988 -58.873465 -9.414842
-83.000099 -45.012370 -4325.085
0.75000 -4.734988 -58.682132 -9.414842
-506.268855 -11.399733 -1572.387
1.00000 -4.734988 -58.510923 -9.414842
-506.973396 -9.555956 -1628.824

COMB DL-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 4.944213 357.431084 1.306887
405.994809 64.694008 1073.148
0.25000 4.944213 357.431084 1.306887
405.975271 72.476408 876.785572
0.50000 4.944213 357.446859 1.306887
405.957400 81.367469 732.13235
0.75000 4.944213 357.455202 1.306887
405.939440 91.495246 657.427584
1.00000 4.944213 357.463744 1.306887
405.923574 102.868744 676.303985

COMB DL-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.374239 -94.708011 -11.787891
-770.052622 -43.205398 -2683.472
0.25000 -6.374239 -94.708011 -11.787891
-770.069297 -37.030363 -2827.754
0.50000 -6.374239 -94.697638 -11.787891
-770.084645 -33.056756 -3003.480
0.75000 -6.374239 -94.687166 -3203.925
1.00000 -6.374239 -94.688937 -3270.987
-770.118302 -27.075947 -3568.655

COMB DL-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.179066 664.958583 7.182921
769.098693 82.071410 1839.171
0.25000 7.179066 684.955890 7.182921
734.237593 84.807770 1567.260
0.50000 7.179066 705.800351 7.182921
700.442100 89.162026 1342.471
0.75000 7.179066 727.287934 7.182921
668.898881 95.212305 1192.427
1.00000 7.179066 749.231730 7.182921
655.391079 103.096505 1112.627
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COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -8.712628 -178.569414 -11.048754
-833.452713 -80.731218 -4224.929
0.25000 -8.712628 -166.102332 -11.048754
-833.555825 -75.574166 -4577.489
0.50000 -8.712628 -154.439256 -11.048754
-835.292283 -77.822399 -5038.722
0.75000 -8.712628 -143.741628 -11.048754
-854.670801 -78.871874 -5717.899
1.00000 -8.712628 -134.811489 -6108.002
-881.126386 -81.859566 -6126.002

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.00000 5.574156 609.927642 8.545581
677.454326 67.354215 2478.252
0.25000 5.574156 633.674982 8.545581
677.454326 67.354215 2478.252
0.50000 5.574156 658.096545 8.545581
677.454326 63.405085 1555.570
0.75000 5.574156 682.834145 8.545581
677.454326 64.745628 1124.168
1.00000 5.574156 707.776855 8.545581
677.454326 67.677525 810.502823

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.836588 -149.089320 -9.057949
-669.091247 -59.555011 -3171.131
0.25000 -5.836588 -126.195123 -9.057949
-669.091247 -56.475923 -3314.485
0.50000 -5.836588 -104.665277 -9.057949
-669.091247 -50.242377 -3458.241
0.75000 -5.836588 -86.219930 -9.057949
-669.091247 -64.059573 -3802.417
1.00000 -5.836588 -79.894178 -4259.949
-676.292419 -67.945436 -3747.591

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.00000 7.282150 779.871239 11.544889
862.344216 82.071410 2050.233
0.25000 7.282150 806.076143 11.544889
857.428085 84.807770 1746.137
0.50000 7.282150 833.313834 11.544889
852.511954 89.162026 1489.983
0.75000 7.282150 861.322981 11.544889
847.595824 95.212305 1295.735
1.00000 7.282150 889.864023 11.544889
842.679606 103.096505 1190.596

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.00000 -8.712628 -182.169153 -11.787891
-833.452713 -82.681732 -4325.085
0.25000 -8.712628 -167.145099 -11.787891
-833.555825 -97.062270 -4802.284
0.50000 -8.712628 -154.439256 -11.787891
-835.292283 -104.665277 -5369.884
0.75000 -8.712628 -143.741605 -11.787891
-854.670801 -113.054186 -6029.645
1.00000 -8.712628 -134.811489 -6108.002
-881.126386 -122.359474 -6785.010

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 7.282150 779.871239 11.544889
862.344216 82.071410 2050.233
0.25000 7.282150 806.076143 11.544889
857.428085 84.807770 1746.137
0.50000 7.282150 833.313834 11.544889
852.511954 89.162026 1489.983
0.75000 7.282150 861.322981 11.544889
847.595824 95.212305 1295.735
1.00000 7.282150 889.864023 11.544889
842.679606 103.096505 1190.596
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.00000 -8.712628 -182.169153 -11.787891
-833.452713 -82.681732 -4325.085
0.25000 -8.712628 -167.145099 -11.787891
-833.555825 -97.062270 -4802.284
0.50000 -8.712628 -154.439256 -11.787891
-835.292283 -104.665277 -5369.884
0.75000 -8.712628 -143.741605 -11.787891
-854.670801 -113.054186 -6029.645
1.00000 -8.712628 -134.811489 -6108.002
-881.126386 -122.359474 -6785.010

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 7.282150 779.871239 11.544889
862.344216 82.071410 2050.233
0.25000 7.282150 806.076143 11.544889
857.428085 84.807770 1746.137
0.50000 7.282150 833.313834 11.544889
852.511954 89.162026 1489.983
0.75000 7.282150 861.322981 11.544889
847.595824 95.212305 1295.735
1.00000 7.282150 889.864023 11.544889
842.679606 103.096505 1190.596
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.00000 -8.712628 -182.169153 -11.787891
-833.452713 -82.681732 -4325.085
0.25000 -8.712628 -167.145099 -11.787891
-833.555825 -97.062270 -4802.284
0.50000 -8.712628 -154.439256 -11.787891
-835.292283 -104.665277 -5369.884
0.75000 -8.712628 -143.741605 -11.787891
-854.670801 -113.054186 -6029.645
1.00000 -8.712628 -134.811489 -6108.002
-881.126386 -122.359474 -6785.010

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 7.282150 779.871239 11.544889
862.344216 82.071410 2050.233
0.25000 7.282150 806.076143 11.544889
857.428085 84.807770 1746.137
0.50000 7.282150 833.313834 11.544889
852.511954 89.162026 1489.983
0.75000 7.282150 861.322981 11.544889
847.595824 95.212305 1295.735
1.00000 7.282150 889.864023 11.544889
842.679606 103.096505 1190.596
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.00000 -8.712628 -182.169153 -11.787891
-833.452713 -82.681732 -4325.085
0.25000 -8.712628 -167.145099 -11.787891
-833.555825 -97.062270 -4802.284
0.50000 -8.712628 -154.439256 -11.787891
-835.292283 -104.665277 -5369.884
0.75000 -8.712628 -143.741605 -11.787891
-854.670801 -113.054186 -6029.645
1.00000 -8.712628 -134.811489 -6108.002
-881.126386 -122.359474 -6785.010

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 7.282150 779.871239 11.544889
862.344216 82.071410 2050.233
0.25000 7.282150 806.076143 11.544889
857.428085 84.807770 1746.137
0.50000 7.282150 833.313834 11.544889
852.511954 89.162026 1489.983
0

0.75000 7.137658 1004.037 7.335929
913.992461 80.936325 1091.443
7.137658 1004.037 7.335929
912.082544 82.362966 1173.414

COMB DL-G1-3 MIN

REL DIST P M2 M3 V2 V3
-8.453706 -159.669574 -6.360137
-913.914626 -115.592428 -101.7274 345
0.25000 -8.453706 -151.457574 -6.360137
-913.914626 -116.958949 -7382.509
0.50000 -8.453706 -143.753162 -6.360137
-913.914626 -116.601616 -10024.958
0.75000 -8.453706 -142.676113 -6.360137
-914.330647 -120.564700 -8715.875
1.00000 -8.453706 -142.313858 -6.360137
-915.863066 -122.791610 -9442.713

COMB DL-G2-1 MAX

REL DIST P M2 M3 V2 V3
0.00000 3.412883 109.553648 2.121255
377.363286 69.336815 100.578470
0.25000 3.412883 109.800637 2.121255
376.809160 71.149207 338.286931
0.50000 3.412883 110.053954 2.121255
376.28697 73.256989 300.305737
0.75000 3.412883 110.311943 2.121255
375.786430 75.620362 385.873542
1.00000 3.412883 110.512649 2.121255
375.324100 78.262490 414.907289

COMB DL-G2-1 MIN

REL DIST P M2 M3 V2 V3
0.00000 -4.399009 -106.506541 -5.283831
-429.505146 -10.011272 -1628.934
0.25000 -4.399009 -106.361599 -5.283831
-429.961089 -8.652926 -1612.411
0.50000 -4.399009 -106.237701 -5.283831
-430.439463 -7.052023 -1604.544
0.75000 -4.399009 -106.106100 -5.283831
-430.935474 -7.786625 -1598.687
1.00000 -4.399009 -106.007697 -5.283831
-431.445711 -9.301312 -1595.922
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 MAX

REL DIST P M2 M3 V2 V3
0.00000 4.597570 359.753446 2.910085
627.662733 102.639376 676.513153
0.25000 4.597570 359.762492 2.910085
627.649246 105.187855 657.619130
0.50000 4.597570 359.770120 2.910085
627.636434 108.103624 689.638616
0.75000 4.597570 359.777187 2.910085
627.624358 111.403191 739.846023
1.00000 4.597570 359.782635 2.910085
627.613107 114.934923 798.309887

COMB DL-G2-2 MIN

REL DIST P M2 M3 V2 V3
0.00000 -6.107731 -146.112020 -6.658769
-695.463033 -27.262193 -3568.160
0.25000 -6.107731 -146.108676 6.658769
-695.474170 -32.728714 -3729.782
0.50000 -6.107731 -146.105543 -6.658769
-695.485842 -24.965311 -3908.622
0.75000 -6.107731 -146.102640 -6.658769
-695.497941 -25.054198 -4127.473
1.00000 -6.107731 -146.100000 -6.658769
-695.510387 -25.349943 -4316.585

COMB DL-G2-3 MAX

REL DIST P M2 M3 V2 V3
0.00000 6.904053 765.610948 6.095879
885.346021 102.879787 1112.805
0.25000 6.904053 781.021051 6.095879
881.645553 106.110811 1050.21
0.50000 6.904053 796.810655 6.095879
839.040865 105.006375 1041.349
0.75000 6.904053 812.819342 6.095879
822.873086 107.77108 1060.158
1.00000 6.904053 829.001070 6.095879
818.462508 109.623550 1136.526

COMB DL-G2-3 MIN

REL DIST P M2 M3 V2 V3
0.00000 -8.521944 -193.290841 -7.555604
-860.365211 -81.894178 -6125.649
0.25000 -8.521944 -186.038927 -7.555604
-862.557371 -81.095974 -6544.901
0.50000 -8.521944 -179.210187 -7.555604
-865.887807 -81.078306 -6997.056
0.75000 -8.521944 -172.957576 -7.555604
-878.903253 -82.166291 -7485.428
1.00000 -8.521944 -171.732781 -7.555604
-899.686816 -83.530402 -8002.065

COMB DB MAX

REL DIST P M2 M3 V2 V3
0.00000 5.157756 702.51 M3 7.107320
736.936869 66.329487 818.885938
0.25000 5.157756 719.108628 7.107320
736.936869 65.909927 714.167338
0.50000 5.157756 735.880712 7.107320
736.936869 65.864947 717.78292
0.75000 5.157756 752.72154 7.107320
736.936869 66.406904 842.315512
1.00000 5.157756 769.436486 7.107320
736.936869 68.028325 912.843731

COMB DB MIN

REL DIST P M2 M3 V2 V3
0.00000 -5.456263 -113.015981 -7.329588
-716.878350 -69.054949 -817.47461
0.25000 -5.456263 -104.902443 -7.329588
-716.878350 -67.498515 -3859.509
0.50000 -5.456263 -104.902443 -7.329588
-716.878350 -67.498515 -3811.806
0.75000 -5.456263 -104.902443 -7.329588
-716.878350 -68.443798 -4084.353
1.00000 -5.456263 -104.902443 -7.329588
-716.878350 -69.054949 -4197.601
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FRAME ELEMENT INTERNAL FORCES

COMB DL MAX

REL DIST P M2 M3 V2 V3
0.00000 7.137658 941.887448 7.335929
923.903595 102.879787 1190.622
0.25000 7.137658 962.248492 7.335929
920.461358 105.187855 1102.729
0.50000 7.137658 982.986935 7.335929
917.018734 108.103624 1069.106

0.75000 7.137658 1004.037 7.335929
913.992461 111.403191 1091.443
7.137658 1004.037 7.335929
912.082544 114.934923 1173.414

COMB DL MIN

REL DIST P M2 M3 V2 V3
0.00000 -8.521944 -193.290841 -7.555604
-913.914626 -122.040428 -6785.345
0.25000 -8.521944 -186.038927 -7.555604
-913.914626 -123.497896 -7382.509
0.50000 -8.521944 -179.210187 -7.555604
-913.914626 -125.256787 -8024.858
0.75000 -8.521944 -172.957576 -7.555604
-914.330647 -127.370860 -8715.875
1.00000 -8.521944 -171.732781 -7.555604
-915.863066 -129.786841 -9442.713

COMB CAR MAX

REL DIST P M2 M3 V2 V3
0.00000 7.137658 941.887448 7.335929
923.903595 102.879787 1190.622
0.25000 7.137658 962.248492 7.335929
920.461358 105.187855 1102.729
0.50000 7.137658 982.986935 7.335929
917.018734 108.103624 1069.106
0.75000 7.137658 1004.037 7.335929
913.992461 111.403191 1091.443
1.00000 7.137658 1025.296 7.335929
912.082544 114.934923 1173.414

COMB CAR MIN

REL DIST P M2 M3 V2 V3
0.00000 -8.521944 -193.290841 -7.555604
-913.914626 -122.040428 -6785.345
0.25000 -8.521944 -186.038927 -7.555604
-913.914626 -123.497896 -7382.509
0.50000 -8.521944 -179.210187 -7.555604
-913.914626 -125.256787 -8024.858
0.75000 -8.521944 -172.957576 -7.555604
-914.330647 -127.370860 -8715.875
1.00000 -8.521944 -171.732781 -7.555604
-915.863066 -129.786841 -9442.713

COMB DESIGN MAX

REL DIST P M2 M3 V2 V3
0.00000 7.137658 941.887448 7.335929
923.903595 102.879787 1190.622
0.25000 7.137658 962.248492 7.335929
920.461358 105.187855 1102.729
0.50000 7.137658 982.986935 7.335929
917.018734 108.103624 1069.106
0.75000 7.137658 1004.037 7.335929
913.992461 111.403191 1091.443
1.00000 7.137658 1025.296 7.335929
912.082544 114.934923 1173.414

COMB DESIGN MIN

REL DIST P M2 M3 V2 V3
0.00000 -8.521944 -193.290841 -7.555604
-913.914626 -122.040428 -6785.345
0.25000 -8.521944 -186.038927 -7.555604
-913.914626 -123.497896 -7382.509
0.50000 -8.521944 -179.210187 -7.555604
-913.914626 -125.256787 -8024.858
0.75000 -8.521944 -172.957576 -7.555604
-914.330647 -127.370860 -8715.875
1.00000 -8.521944 -171.732781 -7.555604
-915.863066 -129.786841 -9442.713
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FRAME ELEMENT INTERNAL FORCES

ELEM 43 LENGTH = 5.048931

COMB DB-G1-1 MAX

REL DIST P M2 M3 V2 V3
0.00000 2.568210 11.240293 1.996509
274.245243 2.438780 404.33899
0.25000 2.568210 11.240293 1.996509
274.245243 2.729891 390.752896
0.50000 2.568210 11.240293 1.996509
274.245243 2.120692 377.17159
0.75000 2.568210 25.646779 1.996509
274.245243 4.283786 410.660427
1.00000 2.568210 49.459736 1.996509
274.245243 8.902548 647.538207

COMB DB-G1-1 MIN

REL DIST P M2 M3 V2 V3
0.00000 -2.555398 -506.333549 -5.752427
-441.552261 -47.251947 -181.0118
0.25000 -2.555398 -487.058054 -5.752427
-441.552261 -44.566686 -2000.166
0.50000 -2.555398 -467.481795 -5.752427
-441.552261 -42.074338 -712.742
0.75000 -2.555398 -448.081681 -5.752427
-441.552261 -39.964326 -1591.126
1.00000 -2.555398 -429.174638 -5.752427
-441.552261 -38.103155 -1489.517

COMB DB-G1-2 MAX

REL DIST P M2 M3 V2 V3
0.00000 3.449693 17.967503 2.555077
456.318011 24.725366 712.169712
0.25000 3.449693 17.963202 2.555077
456.318011 24.457445 690.833086
0.50000 3.449693 29.030163 2.555077
456.318011 25.446704 669.436909
0.75000 3.449693 40.959736 2.555077
456.318011 29.165159 711.450366
1.00000 3.449693 61.436242 2.555077
456.318011 34.355291 1059.793

COMB DB-G1-2 MIN

REL DIST P M2 M3 V2 V3
0.00000 -3.792982 -764.152570 -6.754670
-625.75946 -68.121959 -3759.368
0.25000 -3.792982 -739.75710 -6.754670
-625.75946 -64.783594 -3206.163
0.50000 -3.792982 -715.36079 -6.754670
-625.75946 -62.003012 -2748.801
0.75000 -3.792982 -691.152570 -6.754670
-625.75946 -59.796871 -2592.376
1.00000 -3.792982 -667.618938 -6.754670
-625.75946 -57.855921 -2435.971

COMB DB-G1-3 MAX

REL DIST P M2 M3 V2 V3
0.00000 4.766361 52.690397 6.144542
698.849248 49.973834 51.015293
0.25000 4.766361 52.886470 6.144542
698.849248 48.971944 88.847916
0.50000 4.766361 62.885393 6.144542
698.849248 49.357275 86.843740
0.75000 4.766361 73.396122 6.144542
698.849248 52.351353 90.146463
1.00000 4.766361 92.441651 6.144542
698.849248 57.141284 1208.069

COMB DB-G1-3 MIN

REL DIST P M2 M3 V2 V3
0.00000 -5.097357 -795.019992 -7.400832
-745.025060 -67.408085 -4197.254
0.25000 -5.097357 -772.838955 -7.400832
-745.025060 -64.377098 -3581.994
0.50000 -5.097357 -750.717104 -7.400832
-745.025060 -61.845189 -3081.463
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V2 V3
0.75000 -5.097357 -728.78212 -7.400832
-745.025060 -59.818249 -2574.896
1.00000 -5.097357 -707.378220 -7.400832
-745.025060 -58.031819 -2869.461

COMB DB-G2-1 MAX

REL DIST P M2 M3 V2 V3
0.00000 2.436808 61.087177 5.558705
392.100168 38.515194 314.127842
0.25000 2.436808 61.225573 5.558705
391.014222 37.125512 310.510556
0.50000 2.436808 61.422382 5.558705
390.077721 35.802159 306.893270
0.75000 2.436808 61.674355 5.558705
389.188801 34.424982 304.82593
1.00000 2.436808 61.954768 5.558705
388.323369 33.768197 303.542874

COMB DB-G2-1 MIN

REL DIST P M2 M3 V2 V3
0.00000 -2.496904 -107.153072 -1.848171
-231.055791 -7.091181 -817.086350
0.25000 -2.496904 -106.801149 -1.848171
-231.036095 -6.539008 701.419375
0.50000 -2.496904 -106.456414 -1.848171
-232.842005 -11.230605 -619.638243
0.75000 -2.496904 -106.290118 -1.848171
-233.811074 -15.219481 -675.364915
1.00000 -2.496904 -106.016057 -1.848171
-234.898063 -20.383247 -733.616480

COMB DB-G2-2 MAX

REL DIST P M2 M3 V2 V3
0.00000 3.342248 73.106836 6.761588
626.62773 67.026243 618.492514
0.25000 3.342248 73.119966 6.761588
626.622500 65.363791 608.446765
0.50000 3.342248 73.119297 6.761588
626.587722 63.908960 598.401016
0.75000 3.342248 73.128614 6.761588
626.554751 62.692369 588.444626
1.00000 3.342248 73.139006 6.761588
626.522664 61.847737 645.051638

COMB DB-G2-2 MIN

REL DIST P M2 M3 V2 V3
0.00000 -3.747840 -293.954803 -2.344527
-426.44473 3.747840 -293.939.695
0.25000 -3.747840 -293.943544 -2.344527
-426.156002 -14.537166 -1745.973
0.50000 -3.747840 -293.933143 -2.344527
-426.190705 -17.356513 -1818.008
0.75000 -3.747840 -293.922795 -2.344527
-426.226638 -23.101669 -1566.731
1.00000 -3.747840 -293.912641 -2.344527
-426.266874 -30.90143 -1617.295

COMB DB-G2-3 MAX

REL DIST P M2 M3 V2 V3
0.00000 4.724104 74.059779 7.501771
737.058688 66.727661 892.053819
0.25000 4.724104 79.409773 7.501771
709.901676 65.180915 862.684189
0.50000 4.724104 87.890118 7.501771
709.902571 64.826798 843.314518
0.75000 4.724104 97.5204 7.501771
709.902571 65.883330 875.181842
1.00000 4.724104 116.308842 7.501771
709.902571 65.032095 1110.571

COMB DB-G2-3 MIN

REL DIST P M2 M3 V2 V3
0.00000 -5.098324 -662.788946 -5.903308
-628.013794 -44.336539 -3628.182
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V2 V3
0.25000 -5.098324 -644.948558 -5.903308
-628.013794 -42.5448 310.436
0.50000 -5.098324 -627.739251 -5.90

0.75000 4.766361 100.129556 7.501771
709.902571 65.883330 901.464863 7.501771
1.00000 4.766361 116.62095 7.501771
709.902571 68.032095 1208.069 7.501771
COMB DB ----- MIN
REL DIST P M2 V2 V3
0.00000 -5.098324 -795.019992 -7.400832
-745.025060 -69.121959 -419.254
0.25000 -5.098324 -772.838953 -7.400832
-745.025060 -64.783594 -3581.994
0.50000 -5.098324 -750.717104 -7.400832
-745.025060 -62.63012 -6301.2
0.75000 -5.098324 -728.782172 -7.400832
-745.025060 -59.818249 -2974.896
1.00000 -5.098324 -707.378220 -7.400832
-745.025060 -58.031819 -2869.461
COMB DL ----- MAX
REL DIST T M2 M3 V3
0.00000 7.095898 97.686974 8.033184
946.428401 115.315273 1173.514
0.25000 7.095898 104.990226 8.033184
916.962819 109.756583 1159.145
0.50000 7.095898 113.375264 8.033184
892.128626 105.068204 1246.322
0.75000 7.095898 122.695129 8.033184
868.218950 101.364352 1393.142
1.00000 7.095898 132.795043 8.033184
886.569377 99.500860 1605.133
COMB DL ----- MIN
REL DIST T M2 M3 V3
0.00000 -8.699825 -1043.443 -8.112623
-952.056022 -129.253833 -9442.646
0.25000 -8.699825 -1013.979 -8.112623
-954.871687 -122.778504 -8399.818
0.50000 -8.699825 -984.876004 -8.112623
-959.584336 -116.961469 -7420.304
0.75000 -8.699825 -956.386233 -8.112623
-964.500526 -112.046808 -6520.819
1.00000 -8.699825 -928.779240 -8.112623
-969.416716 -107.918093 -5708.611
COMB CAR ----- MAX
REL DIST T M2 M3 V3
0.00000 7.095898 97.686974 8.033184
946.428401 115.315273 1173.514
0.25000 7.095898 104.990226 8.033184
916.962819 109.756583 1159.145
0.50000 7.095898 113.375264 8.033184
892.128626 105.068204 1246.322
0.75000 7.095898 122.695129 8.033184
868.218950 101.364352 1393.142
1.00000 7.095898 132.795043 8.033184
886.569377 99.500860 1605.133
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COMB CAR ----- MIN
REL DIST T M2 M3 V3
0.00000 -8.699825 -1043.443 -8.112623
-952.056022 -129.253833 -9442.646
0.25000 -8.699825 -1013.979 -8.112623
-954.871687 -122.778504 -8399.818
0.50000 -8.699825 -984.876004 -8.112623
-959.584336 -116.961469 -7420.304
0.75000 -8.699825 -956.386233 -8.112623
-964.500526 -112.046808 -6520.819
1.00000 -8.699825 -928.779240 -8.112623
-969.416716 -107.918093 -5708.611
COMB DESIGN ----- MAX
REL DIST T M2 M3 V3
0.00000 7.095898 97.686974 8.033184
946.428401 115.315273 1173.514
0.25000 7.095898 104.990226 8.033184
916.962819 109.756583 1159.145
0.50000 7.095898 113.375264 8.033184
892.128626 105.068204 1246.322
0.75000 7.095898 122.695129 8.033184
868.218950 101.364352 1393.142
1.00000 7.095898 132.795043 8.033184
886.569377 99.500860 1605.133
COMB DESIGN ----- MIN
REL DIST T M2 M3 V3
0.00000 -8.699825 -1043.443 -8.112623
-952.056022 -129.253833 -9442.646
0.25000 -8.699825 -1013.979 -8.112623
-954.871687 -122.778504 -8399.818
0.50000 -8.699825 -984.876004 -8.112623
-959.584336 -116.961469 -7420.304
0.75000 -8.699825 -956.386233 -8.112623
-964.500526 -112.046808 -6520.819
1.00000 -8.699825 -928.779240 -8.112623
-969.416716 -107.918093 -5708.611
ELEM 44 ===== LENGTH = 5.049002
COMB DB-G1-1 ----- MAX
REL DIST T M2 M3 V3
0.00000 2.359941 32.501584 0.232821
149.263120 9.244865 646.687365
0.25000 2.359941 47.734064 0.232821
149.263120 13.468064 912.902660
0.50000 2.359941 64.184551 0.232821
149.263120 18.654133 1156.820
0.75000 2.359941 81.895820 0.232821
149.263120 25.189787 1380.377
1.00000 2.359941 101.200045 0.232821
149.263120 32.282090 1582.754
COMB DB-G1-1 ----- MIN
REL DIST T M2 M3 V3
0.00000 -2.366396 -399.513911 -7.298913
-496.202251 -37.280075 -1470.520
0.25000 -2.366396 -379.955311 -7.298913
-496.202251 -33.044525 -1388.739
0.50000 -2.366396 -399.513911 -7.298913
-496.202251 -29.383043 -1307.114
0.75000 -2.366396 -379.955311 -7.298913
-496.202251 -26.175065 -1225.498
1.00000 -2.366396 -361.043356 -7.298913
-496.202251 -23.300824 -1144.064
COMB DB-G1-2 ----- MAX
REL DIST T M2 M3 V3
0.00000 3.279782 50.819021 0.740742
312.415162 34.751688 1060.880
0.25000 3.279782 70.054207 0.740742
312.415162 38.908903 1425.024
0.50000 3.279782 90.652441 0.740742
312.415162 44.344906 1797.113
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T M2 M3 V3
0.75000 3.279782 113.098399 0.740742
312.415162 50.887253 2185.588
1.00000 3.279782 137.647555 0.740742
312.415162 58.318076 2573.832
COMB DB-G1-1 ----- MIN
REL DIST T M2 M3 V3
0.00000 -3.699925 -674.796208 -8.595680
-689.936429 -56.796482 -2436.833
0.25000 -3.699925 -649.664019 -8.595680
-689.936429 -51.887385 -2384.854
0.50000 -3.699925 -624.843239 -8.595680
-689.936429 -47.605460 -2212.482
0.75000 -3.699925 -600.448278 -8.595680
-689.936429 -43.794060 -2100.336
1.00000 -3.699925 -576.845208 -8.595680
-689.936429 -40.350031 -1988.544
COMB DB-G1-3 ----- MAX
REL DIST T M2 M3 V3
0.00000 4.435793 60.877504 5.300446
605.568368 57.038587 1209.023
0.25000 4.435793 78.344185 5.300446
605.568368 58.960116 1529.891
0.50000 4.435793 97.074795 5.300446
605.568368 61.941899 1869.950
0.75000 4.435793 117.435993 5.300446
605.568368 66.215259 2324.296
1.00000 4.435793 139.737653 5.300446
605.568368 71.660827 2791.187
COMB DB-G1-3 ----- MIN
REL DIST T M2 M3 V3
0.00000 -4.833850 -722.902630 -7.916451
-715.951188 -56.999011 -2869.600
0.25000 -4.833850 -700.072833 -7.916451
-715.951188 -53.32465 -2778.023
0.50000 -4.833850 -677.548294 -7.916451
-715.951188 -54.216344 -2886.798
0.75000 -4.833850 -655.397253 -7.916451
-715.951188 -55.941425 -2895.665
1.00000 -4.833850 -633.970726 -7.916451
-715.951188 -58.180944 -2505.467
COMB DB-G2-1 ----- MAX
REL DIST T M2 M3 V3
0.00000 2.192008 27.840118 6.813595
442.198200 33.197893 303.489072
0.25000 2.192008 28.072216 6.813595
442.098193 30.064551 300.898131
0.50000 2.192008 28.322604 6.813595
442.122649 26.982859 297.9142
0.75000 2.192008 28.599247 6.813595
440.363608 23.959622 386.620414
1.00000 2.192008 28.909313 6.813595
439.641244 21.023432 508.709973
COMB DB-G2-1 ----- MIN
REL DIST T M2 M3 V3
0.00000 -2.263548 -124.100366 -0.212777
-114.008753 -20.029149 -7.916451
0.25000 -2.263548 -123.759373 -0.212777
-114.008753 -24.070016 -753.132166
0.50000 -2.263548 -123.498093 -0.212777
-114.008753 -29.166836 -774.466100
0.75000 -2.263548 -123.214588 -0.212777
-115.840818 -35.187888 -796.122377
1.00000 -2.263548 -122.939288 -0.212777
-116.912313 -41.944855 -818.258123
COMB DB-G2-2 ----- MAX
REL DIST T M2 M3 V3
0.00000 3.112739 38.820164 8.464598
682.516023 61.036137 644.900958
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T M2 M3 V3
0.25000 3.112739 38.820164 8.464598
682.478068 56.948222 680.842837
0.50000 3.112739 38.838044 8.464598
682.445522 52.942431 747.72662
0.75000 3.112739 38.948294 8.464598
682.413735 49.095769 1007.255
1.00000 3.112739 38.859778 8.464598
682.386697 45.478092 1314.776
COMB DB-G2-2 ----- MIN
REL DIST T M2 M3 V3
0.00000 -3.581449 -300.861619 -0.460902
-288.268043 -29.495256 -1616.105
0.25000 -3.581449 -300.849899 -0.460902
-288.299788 -34.972280 -1821.575
0.50000 -3.581449 -300.839303 -0.460902
-288.330087 -41.573257 -1927.425
0.75000 -3.581449 -300.828799 -0.460902
-288.367729 -49.15847 -2159.554
1.00000 -3.581449 -300.818599 -0.460902
-288.407472 -57.460383 -2640.963
COMB DB-G2-3 ----- MAX
REL DIST T M2 M3 V3
0.00000 4.385367 65.816292 7.832311
691.990078 67.578432 1110.923
0.25000 4.385367 79.674823 7.832311
687.982432 66.161493 1353.159
0.50000 4.385367 94.891238 7.832311
687.982432 65.584221 1603.361
0.75000 4.385367 110.896308 7.832311
687.982432 65.92162 1869.577
1.00000 4.385367 128.345143 7.832311
687.982432 66.858161 2433.351
COMB DB-G2-3 ----- MIN
REL DIST T M2 M3 V3
0.00000 -4.828340 -622.712712 -5.165274
-533.953198 -52.089393 -2600.184
0.25000 -4.828340 -604.313392 -5.165274
-533.953198 -54.623622 -2547.096
0.50000 -4.828340 -586.732824 -5.165274
-544.841241 -58.433143 -2494.360
0.75000 -4.828340 -569.443530 -5.165274
-578.027043 -63.416033 -2442.231
1.00000 -4.828340 -552.886121 -2390.964
COMB DL-G1-1 ----- MAX
REL DIST T M2 M3 V3
0.00000 3.888852 37.018003 0.330565
191.321205 9.264945 31.3148
0.25000 3.888852 46.861084 0.330565
191.321205 12.094184 97.823265
0.50000 3.888852 57.796048 0.330565
191.321205 16.213916 1136.804
COMB DL-G1-1 ----- MIN
REL DIST T M2 M3 V3
0.75000 3.888852 69.650701 0.330565
191.321205 21.526468 1303.968
1.00000 3.888852 82.237269 1480.804
COMB DL-G1-1 ----- MAX
REL DIST T M2 M3 V3
0.00000 -4.545862 -525.511003 -9.722325
-669.198031 -47.301469 -3031.469
0.25000 -4.545862 -500.870647 -9.722325
-662.594431 -64.198465 -2617.579
0.50000 -4.545862 -476.625216 -9.722325
-667.800382 -56.543824 -2261.208
0.75000 -4.545862 -453.010762 -9.722325
-659.387232 -49.798422 -1931.052
1.00000 -4.545862 -430.269935 -9.722325
-657.783633 -43.762949 -1658.938
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-2 ----- MAX
REL DIST T M2 M3 V3
0.00000 5.415582 59.812475 0.943648
354.756565 39.857577 389.830
0.25000 5.415582 72.218776 0.943648
354.756565 42.540818 1586.740
0.50000 5.415582 86.002107 0.943648
354.756565 46.622382 1930.787
0.75000 5.415582 100.991502 0.943648
354.756565 51.981387 2130.002
1.00000 5.415582 116.682446 0.943648
354.756565 58.404576 2469.681
COMB DL-G1-2 ----- MIN
REL DIST T M2 M3 V3
0.00000 -6.808653 -911.902499 -11.520801
-873.189306 -107.175007 -5054.104
0.25000 -6.808653 -781.839954 -11.520801
-878.210490 -97.051700 -4300.854
0.50000 -6.808653 -752.30676 -11.520801
-883.23057 -86.01234 -3712.800
0.75000 -6.808653 -723.582024 -11.520801
-888.292859 -79.930684 -3232.161
1.00000 -6.808653 -695.904942 -11.520801
-893.334043 -72.659444 -2821.673
COMB DL-G1-3 ----- MAX
REL DIST T M2 M3 V3
0.00000 7.010463 72.160278 6.958880
736.636989 79.035791 1605.376
0.25000 7.010463 83.464375 6.958880
736.636989 76.703594 1809.630
0.50000 7.010463 96.044284 6.958880
736.636989 73.656855 2085.316
0.75000 7.010463 109.152457 6.958880
736.636989 77.603321 2452.097
1.00000 7.010463 124.147169 6.958880
736.636989 80.233969 2882.707
COMB DL-G1-3 ----- MIN
REL DIST T M2 M3 V3
0.00000 -9.108258 -880.583855 -10.631897
-906.234992 -103.241882 -5708.027
0.25000 -9.108258 -853.239103 -10.631897
-911.151251 -95.793865 -5002.910
0.50000 -9.108258 -826.377618 -10.631897
-916.068599 -91.153958 -4393.147
0.75000 -9.108258 -800.229381 -10.631897
-920.983770 -88.108603 -3882.732
1.00000 -9.108258 -775.082650 -10.631897
-925.900029 -86.158993 -3490.202
COMB DL-G2-1 ----- MAX
REL DIST T M2 M3 V3
0.00000 2.898587 35.405250 9.225186
588.860299 65.606679 424.463810
0.25000 2.898587 35.571381 9.225186
588.171958 70.04663 455.792818
0.50000 2.898587 35.756992 9.225186
587.517041 75.280165 505.366078
0.75000 2.898587 35.958709 9.225186
585.983338 46.981797 610.176970
1.00000 2.898587 36.173625 9.225186
586.347775 41.281270 746.264949
COMB DL-G2-1 ----- MIN
REL DIST T M2 M3 V3
0.00000 -4.085709 -160.029445 -0.300456
-138.857563 -18.283018 -1374.796
0.25000 -4.085709 -159.683629 -0.300456
-139.520989 -19.955033 -1305.961
0.50000 -4.085709 -159.336188 -0.300456
-140.243733 -26.659205 -1260.192
0.75000 -4.085709 -159.018796 -0.300456
-141.020947 -32.512759 -1190.690
1.00000 -4.085709 -158.706924 -0.300456
-141.836335 -38.961863 -1198.863
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-2 ----- MAX
REL DIST T M2 M3 V3
0.00000 4.344379 51.130113 11.253074
852.158951 99.154996 909.289592
0.25000 4.344379 51.134100 11.253074
852.142098 90.401193 966.933437
0.50000 4.344379 51.135557 11.253074
852.126053 82.517829 1092.217
0.75000 4.344379 51.143394 11.253074
852.11051 79.393202 1229.387
1.00000 4.344379 51.148552 11.253074
852.097363 68.914410 1637.588
COMB DL-G2-2 ----- MIN
REL DIST T M2 M3 V3
0.00000 -6.338075 -389.208473 -0.844514
-331.824577 -36.944013 -3069.915
0.25000 -6.338075 -389.200220 -0.844514
-331.840683 -40.844503 -2759.170
0.50000 -6.338075 -389.192155 -0.844514
-331.858294 -46.169755 -2504.972
0.75000 -6.338075 -389.184358 -0.844514
-331.877102 -52.663855 -2314.654
1.00000 -6.338075 -389.176906 -0.844514
-331.896916 -59.945424 -2214.949
COMB DL-G2-3 ----- MAX
REL DIST T M2 M3 V3
0.00000 6.444264 78.575453 10.414926
894.512925 100.558228 1605.376
0.25000 6.444264 87.879876 10.414926
869.079347 94.661733 1809.630
0.50000 6.444264 98.277910 10.414926
853.131665 90.243531 2085.316
0.75000 6.444264 117.435933 10.414926
852.335752 87.01463 139.737695
1.00000 6.444264 124.147169 10.414926
852.314270 85.120428 2882.707
COMB DL-G2-3 ----- MIN
REL DIST T M2 M3 V3
0.00000 -8.981955 -759.617385 -6.969765
-854.753668 -82.646789 -5126.079
0.25000 -8.981955 -738.525993 -6.969765
-866.496803 -81.103753 -4571.476
0.50000 -8.981955 -717.852006 -6.969765
-871.026991 -79.136134 -4100.935
0.75000 -8.981955 -697.796943 -6.969765
-873.775527 -83.134143 -3693.587
1.00000 -8.981955 -678.543755 -6.969765
-876.781027 -85.985958 -3423.323
COMB DB ----- MAX
REL DIST T M2 M3 V3
0.00000 4.435793 65.816292 8.464598
691.990078 67.578432 1110.923
0.25000 4.435793 79.674823 8.464598
687.982432 66.161493 1353.159
0.50000 4.435793 97.074795 8.464598
687.982432 65.584221 1603.361
0.75000 4.435793 110.896308 8.464598
687.982432 65.92162 1869.577
1.00000 4.435793 128.345143 8.464598
687.982432 66.858161 2433.35

60.935715 36.088039 1801.866 0.357636
0.50000 2.145310 110.268824 0.357636
60.935715 40.375309 1995.767 0.357636
0.75000 2.145310 129.526254 0.357636
60.935715 45.676708 2165.242 0.357636
1.00000 2.145310 149.479965 0.357636
60.935715 51.899292 2310.697 0.357636
COMB DB-G1-1 MIN
REL DIST T P M2 M3 V3
0.00000 -2.173425 -390.522290 -7.068361
-483.923800 -22.559380 -1144.490 -7.068361
0.25000 -2.173425 -370.191128 -7.068361
-483.923800 -18.934983 -1090.261 -7.068361
0.50000 -2.173425 -349.826607 -7.068361
-483.923800 -15.906871 -1036.047 -7.068361
0.75000 -2.173425 -329.894984 -7.068361
-483.923800 -13.393986 -981.832938 -7.068361
1.00000 -2.173425 -310.697753 -7.068361
-483.923800 -11.011174 -927.734363 -7.068361
COMB DB-G1-2 MAX
REL DIST T P M2 M3 V3
0.00000 3.090111 107.450801 1.090652
211.916930 59.002858 2575.106 1.090652
0.25000 3.090111 128.860658 1.090652
211.916930 61.979898 2885.276 1.090652
0.50000 3.090111 151.810472 1.090652
211.916930 65.831475 3197.878 1.090652
0.75000 3.090111 175.975941 1.090652
211.916930 71.071982 3514.194 1.090652
1.00000 3.090111 201.285483 1.090652
211.916930 77.340497 3824.417 1.090652
COMB DB-G1-3 MIN
REL DIST T P M2 M3 V3
0.00000 -3.643032 -604.105573 -8.425322
-673.847460 -39.438939 -1988.844 -8.425322
0.25000 -3.643032 -578.279960 -8.425322
-673.847460 -35.537548 -1785.9128 -8.425322
0.50000 -3.643032 -552.857961 -8.425322
-673.847460 -31.210538 -1625.413 -8.425322
0.75000 -3.643032 -527.969238 -8.425322
-673.847460 -28.582554 -1505.700 -8.425322
1.00000 -3.643032 -503.987797 -8.425322
-673.847460 -25.257947 -1662.153 -8.425322
COMB DB-G1-3 MAX
REL DIST T P M2 M3 V3
0.00000 4.093424 101.403953 5.259704
508.173120 72.014086 2791.272 5.259704
0.25000 4.093424 120.848668 5.259704
508.173120 72.625722 3161.255 5.259704
0.50000 4.093424 141.685058 5.259704
508.173120 74.302799 3547.103 5.259704
0.75000 4.093424 163.623541 5.259704
508.173120 77.247322 3946.408 5.259704
1.00000 4.093424 186.616746 5.259704
508.173120 81.372287 4345.784 5.259704
COMB DB-G1-3 MIN
REL DIST T P M2 M3 V3
0.00000 -4.647155 -654.285838 -7.845103
-640.953754 -56.95175 -633.825745 -7.845103
0.25000 -4.647155 -630.825745 -7.845103
-640.953754 -55.404488 -2424.147 -7.845103
0.50000 -4.647155 -607.747892 -7.845103
-640.953754 -54.217178 -2342.343 -7.845103
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T P M2 M3 V3
0.75000 -4.647155 -555.153778 -7.845103
-640.953754 -56.061572 -2261.539 -7.845103
0.00000 -4.647155 -633.825745 -7.845103
-640.953754 -57.673037 -2180.607 -7.845103
COMB DB-G2-1 MAX
REL DIST T P M2 M3 V3
0.00000 1.953602 6.588899 6.343409
429.870451 20.823034 507.118533 6.343409
0.25000 1.953602 6.844104 6.343409
429.885201 17.432320 613.164462 6.343409
0.50000 1.953602 7.115972 6.343409
429.894009 12.697124 654.0919 6.343409
0.75000 1.953602 7.401009 6.343409
428.288392 11.119446 655.961348 6.343409
1.00000 1.953602 7.702657 6.343409
427.636267 8.681246 689.193645 6.343409
COMB DB-G2-1 MIN
REL DIST T P M2 M3 V3
0.00000 -2.036769 -122.579163 -0.632252
-32.958282 -41.434907 -817.936113 -0.632252
0.25000 -2.036769 -122.579163 -0.632252
-33.786758 -44.043306 -813.613890 -0.632252
0.50000 -2.036769 -121.958014 -0.632252
-34.658003 -47.095303 -809.353298 -0.632252
0.75000 -2.036769 -121.958014 -0.632252
-35.565615 -52.129737 -805.092821 -0.632252
1.00000 -2.036769 -121.386276 -0.632252
-36.617576 -57.535393 -801.076467 -0.632252
COMB DB-G2-2 MAX
REL DIST T P M2 M3 V3
0.00000 2.881156 23.381902 7.982994
666.129801 45.032738 1312.726 7.982994
0.25000 2.881156 23.391358 7.982994
666.092657 40.715951 1491.625 7.982994
0.50000 2.881156 23.401431 7.982994
666.060745 36.456752 1719.674 7.982994
0.75000 2.881156 23.411992 7.982994
666.029718 32.181968 1994.959 7.982994
1.00000 2.881156 23.423838 7.982994
666.005354 28.338062 2301.526 7.982994
COMB DB-G2-2 MIN
REL DIST T P M2 M3 V3
0.00000 -3.448080 -283.414832 -0.949811
-189.135838 -56.721691 -1640.403 -0.949811
0.25000 -3.448080 -283.402814 -0.949811
-189.165659 -54.048173 -1619.2457 -0.949811
0.50000 -3.448080 -283.391618 -0.949811
-189.198885 -51.51332 -1590.715 -0.949811
0.75000 -3.448080 -283.381039 -0.949811
-189.223258 -49.538004 -1569.8772 -0.949811
1.00000 -3.448080 -283.370633 -0.949811
-189.271571 -47.946225 -1541.356 -0.949811
COMB DB-G2-3 MAX
REL DIST T P M2 M3 V3
0.00000 4.039191 81.692819 7.619190
661.887597 66.868682 2432.185 7.619190
0.25000 4.039191 97.037757 7.619190
638.027889 64.638392 2770.473 7.619190
0.50000 4.039191 113.88389 30.650847 7.619190
623.549020 63.012699 3100.832 7.619190
0.75000 4.039191 130.68138 7.619190
623.544902 62.404813 3510.362 7.619190
1.00000 4.039191 149.295317 7.619190

623.532146 62.499250 3896.474 7.619190
COMB DB-G2-3 MIN
REL DIST T P M2 M3 V3
0.00000 -4.582540 -572.466839 -5.497722
-432.896027 -68.006063 -2390.657 -5.497722
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T P M2 M3 V3
0.25000 -4.582540 -553.524812 -5.497722
-432.896027 -68.706584 -2327.377 -5.497722
0.50000 -4.582540 -535.468018 -5.497722
-464.539276 -70.689468 -2265.300 -5.497722
0.75000 -4.582540 -517.783555 -5.497722
-485.285331 -73.975670 -2202.623 -5.497722
1.00000 -4.582540 -500.72864 -2140.371 -5.497722
COMB DL-G1-1 MAX
REL DIST T P M2 M3 V3
0.00000 3.703422 62.843611 0.516086
78.339945 28.731230 1482.182 0.516086
0.25000 3.703422 74.714779 0.516086
78.339945 32.163389 1699.682 0.516086
0.50000 3.703422 87.657421 0.516086
78.339945 36.664657 1929.411 0.516086
0.75000 3.703422 101.547925 0.516086
78.339945 42.249438 2159.380 0.516086
1.00000 3.703422 116.113984 0.516086
78.339945 48.722314 2359.239 0.516086
COMB DL-G1-1 MIN
REL DIST T P M2 M3 V3
0.00000 -4.652197 -425.426803 -9.393330
-614.916111 -43.554241 -2259.668 -9.393330
0.25000 -4.652197 -402.299005 -9.393330
-613.306685 -36.729983 -1478.908 -9.393330
0.50000 -4.652197 -379.610667 -9.393330
-611.707478 -30.661558 -1572.650 -9.393330
0.75000 -4.652197 -357.600659 -9.393330
-610.098832 -25.277398 -1301.032 -9.393330
1.00000 -4.652197 -336.490571 -9.393330
-608.494906 -20.460183 -1231.453 -9.393330
COMB DL-G1-2 MAX
REL DIST T P M2 M3 V3
0.00000 5.293841 95.228254 1.339449
229.608054 59.685796 1471.303 1.339449
0.25000 5.293841 110.025040 1.339449
229.608054 62.789906 2811.603 1.339449
0.50000 5.293841 126.175461 1.339449
229.608054 67.047678 3203.181 1.339449
0.75000 5.293841 143.519379 1.339449
229.608054 72.498279 3617.979 1.339449
1.00000 5.293841 161.742078 1.339449
229.608054 78.904531 4000.623 1.339449
COMB DL-G1-2 MIN
REL DIST T P M2 M3 V3
0.00000 -7.217197 -668.673984 -11.274729
-823.775495 -72.093275 -2820.570 -11.274729
0.25000 -7.217197 -640.307835 -11.274729
-828.817706 -63.556448 -2585.196 -11.274729
0.50000 -7.217197 -612.524332 -11.274729
-833.858898 -55.941049 -2409.801 -11.274729
0.75000 -7.217197 -585.594313 -11.274729
-838.902128 -49.136244 -2302.786 -11.274729
1.00000 -7.217197 -559.816469 -11.274729
-843.944339 -42.953413 -2197.367 -11.274729
COMB DL-G1-3 MAX
REL DIST T P M2 M3 V3
0.00000 6.787875 92.711122 6.904291
593.439686 81.654237 2882.544 6.904291
0.25000 6.787875 106.188023 6.904291
593.439686 80.634450 3318.269 6.904291
0.50000 6.787875 120.892375 6.904291
593.439686 81.115636 3812.351 6.904291
0.75000 6.787875 136.687120 6.904291
593.439686 82.946403 4326.548 6.904291
1.00000 6.787875 153.282893 6.904291
593.439686 85.861957 4831.246 6.904291
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-3 MIN
REL DIST T P M2 M3 V3
0.00000 -9.514438 -744.853948 -10.565243
-786.861300 -85.367161 -3489.045 -10.565243
0.25000 -9.514438 -719.045196 -10.565243
-781.778661 -82.099311 -3127.327 -10.565243
0.50000 -9.514438 -689.768321 -10.565243
-783.358898 -74.407292 -2812.327 -10.565243
0.75000 -9.514438 -669.269650 -10.565243
-784.902128 -65.758328 -2993.168 -10.565243
1.00000 -9.514438 -645.821196 -10.565243
-843.944339 -57.510417 -1174.716 -10.565243
COMB DL-G2-1 MAX
REL DIST T P M2 M3 V3
0.00000 2.740225 10.778689 6.858386
551.642052 41.673685 74.900588 6.858386
0.25000 2.740225 10.965222 6.858386
550.965048 35.725966 891.251977 6.858386
0.50000 2.740225 11.172345 6.858386
550.322986 30.257028 1045.833 6.858386
0.75000 2.740225 11.394756 6.858386
549.626501 24.121225 1201.271 6.858386
1.00000 2.740225 11.630055 6.858386
549.186541 20.554286 1361.466 6.858386
COMB DL-G2-1 MIN
REL DIST T P M2 M3 V3
0.00000 -4.083915 -157.482960 -0.686163
-38.640744 -38.814797 -1198.608 -0.686163
0.25000 -4.083915 -157.147771 -0.686163
-39.312712 -42.138175 -1189.511 -0.686163
0.50000 -4.083915 -156.821691 -0.686163
-40.042238 -46.398125 -1184.605 -0.686163
0.75000 -4.083915 -156.507934 -0.686163
-40.619927 -51.579306 -1179.800 -0.686163
1.00000 -4.083915 -156.210372 -0.686163
-41.634779 -57.510417 -1174.716 -0.686163
COMB DL-G2-2 MAX
REL DIST T P M2 M3 V3
0.00000 4.238605 30.646335 10.694457
800.741375 82.946043 4326.548 10.694457
0.25000 4.238605 30.650847 10.694457
800.717780 81.856600 3318.969 10.694457
0.50000 4.238605 30.655803 10.694457
800.756021 81.115636 3812.351 10.694457
COMB DL-G2-2 MIN
REL DIST T P M2 M3 V3
0.00000 -6.611496 -357.303488 -1.391286
-209.407313 -59.546999 -1144.599 -1.391286
0.25000 -6.611496 -357.295489 -1.391286
-209.423635 -62.908184 -2146.505 -1.391286
0.50000 -6.611496 -357.287700 -1.391286
-209.438442 -66.408442 -29.501 -1.391286
0.75000 -6.611496 -357.280209 -1.391286
-209.460254 -72.748677 -2075.088 -1.391286
1.00000 -6.611496 -357.273105 -1.391286
-209.480053 -79.118284 -2040.648 -1.391286
COMB DL-G2-3 MAX
REL DIST T P M2 M3 V3
0.00000 6.445605 78.405357 10.088187
795.868248 86.509475 2638.207 10.088187
0.25000 6.445605 89.262515 10.088187
771.994645 81.856600 3053.914 10.088187
0.50000 6.445605 101.146428 10.088187
749.160229 78.217286 3520.533 10.088187
0.75000 6.445605 113.934611 10.088187
747.282535 75.654081 4005.879 10.088187
1.00000 6.445605 127.401313 10.088187
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-3 MIN
REL DIST T P M2 M3 V3
0.00000 -9.349136 -660.244924 -7.284622
-520.995400 -85.008433 -272.698 -7.284622
0.25000 -9.349136 -640.125018 -7.284622
-545.328748 -84.091059 -3242.976 -7.284622
0.50000 -9.349136 -620.455768 -7.284622
-533.93983 -81.392929 -3721.227 -7.284622
0.75000 -9.349136 -601.459092 -7.284622
-612.404479 -85.758328 -2966.114 -7.284622
1.00000 -9.349136 -583.344224 -7.284622
-646.557141 -88.276088 -2879.339 -7.284622
COMB DB DESIGN MAX
REL DIST T P M2 M3 V3
0.00000 4.093424 107.450801 7.982994
666.129801 72.014086 2791.272 7.982994
0.25000 4.093424 128.860658 7.982994
666.092657 72.625722 3161.255 7.982994
0.50000 4.093424 151.810472 7.982994
666.060745 74.302799 3547.103 7.982994
0.75000 4.093424 175.975941 7.982994
666.029718 77.247322 3946.408 7.982994
1.00000 4.093424 201.285483 7.982994
666.005354 81.372287 4345.784 7.982994
COMB DB MIN
REL DIST T P M2 M3 V3
0.00000 -4.647155 -654.285838 -8.425322
-673.847460 -68.006063 -2505.453 -8.425322
0.25000 -4.647155 -630.825745 -8.425322
-673.847460 -65.006063 -2424.147 -8.425322
0.50000 -4.647155 -607.747892 -8.425322
-673.847460 -60.689468 -2342.843 -8.425322
0.75000 -4.647155 -585.153778 -8.425322
-673.847460 -57.975670 -2259.539 -8.425322
1.00000 -4.647155 -563.382983 -8.425322
-673.847460 -54.217178 -2180.607 -8.425322
COMB DL CAR MAX
REL DIST T P M2 M3 V3
0.00000 6.787875 95.228254 10.694457
800.788389 86.509475 2882.544 10.694457
0.25000 6.787875 110.025040 10.694457
800.717780 81.856600 3318.969 10.694457
0.50000 6.787875 126.175461 10.694457
800.756021 81.115636 3812.351 10.694457
0.75000 6.787875 143.519379 10.694457
800.741375 82.946043 4326.548 10.694457
1.00000 6.787875 161.742078 10.694457
800.728094 85.861957 4831.246 10.694457
COMB DL MIN
REL DIST T P M2 M3 V3
0.00000 -9.514438 -744.853948 -11.274729
-823.775495 -85.367161 -3489.045 -11.274729
0.25000 -9.514438 -719.045196 -11.274729
-828.817706 -84.091059 -3242.976 -11.274729
0.50000 -9.514438 -689.768321 -11.274729
-833.358898 -74.407292 -2812.327 -11.274729
0.75000 -9.514438 -669.269650 -11.274729
-838.902128 -65.758328 -2993.168 -11.274729
1.00000 -9.514438 -645.821196 -11.274729
-843.944339 -57.510417 -1174.716 -11.274729
COMB CAR MAX
REL DIST T P M2 M3 V3
0.00000 6.787875 107.450801 10.694457
800.788389 86.509475 2882.544 10.694457
0.25000 6.787875 128.860647 10.694457
800.717780 81.856600 3318.969 10.694457
0.50000 6.787875 151.810472 10.694457
800.756021 81.115636 3812.351 10.694457
0.75000 6.787875 175.975941 10.694457
800.741375 82.946043 4326.548 10.694457
0.25000 6.787875 201.285483 10.694457
800.728094 85.861957 4831.246 10.694457
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB CAR MIN
REL DIST T P M2 M3 V3
0.00000 -9.514438 -744.853948 -11.274729
-823.775495 -85.367161 -3489.045 -11.274729
0.25000 -9.514438 -719.045196 -11.274729
-828.817706 -84.091059 -3242.976 -11.274729
0.50000 -9.514438 -689.768321 -11.274729
-833.358898 -74.407292 -2812.3

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V2	V3
T					
0.25000	2.630456	34.169935		6.924874	
600.436628	25.030356	2449.601			
0.50000	2.630456	34.180490		6.924874	
600.45126	22.009545	2641.168			
0.75000	2.630456	34.191458		6.924874	
600.374572	26.304445				
1.00000	2.630456	34.203689		6.924874	
600.345517	16.416216	3135.045			

COMB DB-G2-2

REL DIST	P	M2	M3	V2	V3
T					
0.00000	-3.641468	-246.754008		-2.952617	
-145.150637	-75.255937	-1541.138			
0.25000	-3.641468	-246.741672		-2.952617	
-145.180814	-75.491204	-1498.368			
0.50000	-3.641468	-246.730355		-2.952617	
-145.212659	-76.945132	-1455.598			
0.75000	-3.641468	-246.719297		-2.952617	
-145.245878	-77.191487	-1412.828			
1.00000	-3.641468	-246.708645		-2.952617	
-145.284449	-83.885234	-1370.084			

COMB DB-G2-3

REL DIST	P	M2	M3	V2	V3
T					
0.00000	3.671198	116.273924		7.612276	
612.778091	62.770633	3895.273			
0.25000	3.671198	132.336016		7.612276	
589.428994	60.401572	4175.771			
0.50000	3.671198	149.149392		7.612276	
565.232337	58.167652	4468.459			
0.75000	3.671198	167.381884		7.612276	
556.271910	58.317011	4771.842			
0.00000	3.671198	186.640937		7.612276	
556.271910	58.682183	5077.321			

COMB DB-G2-3

REL DIST	P	M2	M3	V2	V3
T					
0.00000	-4.942831	-511.499666		-6.813597	
-350.618520	-73.028120	-1140.207			
0.25000	-4.942831	-491.972897		-6.813597	
-362.794130	-75.998253	-2070.817			
0.50000	-4.942831	-473.409214		-6.813597	
-394.165270	-78.025929	-2001.426			
0.75000	-4.942831	-455.280418		-6.813597	
-423.463084	-77.564317	-1932.035			
1.00000	-4.942831	-437.841337		-6.813597	
-461.392160	-80.336828	-1862.668			

COMB DL-G1-1

REL DIST	P	M2	M3	V2	V3
T					
0.00000	3.457938	86.738507		1.561639	
13.231648	49.879669	3831.502			
0.25000	3.457938	100.092328		1.561639	
13.231648	52.335247	2574.287			
0.50000	3.457938	114.820572		1.561639	
13.231648	55.724666	2754.745			
0.75000	3.457938	130.352886		1.561639	
13.231648	60.067115	2902.176			
1.00000	3.457938	146.564325		1.561639	
13.231648	65.210535	3016.780			

COMB DL-G1-1

REL DIST	P	M2	M3	V2	V3
T					
0.00000	-4.685589	-355.073002		-7.489761	
-491.845932	-20.608910	-1231.617			
0.25000	-4.685589	-332.993786		-7.489761	
-490.242218	-18.709700	-1239.617			
0.50000	-4.685589	-311.396084		-7.489761	
-488.638503	-13.225008	-1127.569			
0.75000	-4.685589	-290.525231		-7.489761	
-487.034789	-10.104673	-1075.512			
1.00000	-4.685589	-270.617995		-7.489761	
-485.431074	-7.319740	-1023.539			
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COMB DL-G1-2

REL DIST	P	M2	M3	V2	V3
T					
0.00000	5.045753	131.786583		2.557160	
164.882641	80.396212	4003.006			
0.25000	5.045753	148.495230		2.557160	
164.882641	82.368315	4326.899			
0.50000	5.045753	166.591039		2.557160	
164.882641	85.373399	4625.525			
0.75000	5.045753	185.876787		2.557160	
164.882641	89.422212	4905.012			
1.00000	5.045753	206.021023		2.557160	
164.882641	94.294273	5150.232			

COMB DL-G1-2

REL DIST	P	M2	M3	V2	V3
T					
0.00000	-7.545452	-559.710695		-9.262229	
-692.015336	-42.748752	-2197.354			
0.25000	-7.545452	-532.544686		-9.262229	
-697.056882	-37.224642	-2111.194			
0.50000	-7.545452	-506.014217		-9.262229	
-702.098429	-32.375301	-2025.092			
0.75000	-7.545452	-480.421799		-9.262229	
-707.139975	-28.055858	-1983.983			
1.00000	-7.545452	-456.041008		-9.262229	
-712.181521	-24.145708	-1852.823			

COMB DL-G1-3

REL DIST	P	M2	M3	V2	V3
T					
0.00000	6.242091	125.368106		6.782591	
463.746755	87.463043	4813.768			
0.25000	6.242091	140.578354		6.782591	
463.746755	86.887447	5212.077			
0.50000	6.242091	157.051816		6.782591	
463.746755	87.456812	5590.179			
0.75000	6.242091	174.607713		6.782591	
463.746755	89.231919	5950.009			
1.00000	6.242091	192.361795		6.782591	
463.746755	91.939352	6279.452			

COMB DL-G1-3

REL DIST	P	M2	M3	V2	V3
T					
0.00000	-9.960940	-626.680748		-9.609814	
-638.920456	-72.108357	-2877.331			
0.25000	-9.960940	-601.969094		-9.609814	
-643.837068	-68.452513	-2776.312			
0.50000	-9.960940	-577.828565		-9.609814	
-648.753680	-65.941436	-2675.313			
0.75000	-9.960940	-554.543216		-9.609814	
-653.670293	-64.340999	-2574.231			
1.00000	-9.960940	-532.365244		-9.609814	
-658.586905	-63.447417	-2473.341			

COMB DL-G2-1

REL DIST	P	M2	M3	V2	V3
T					
0.00000	2.544130	9.840043		6.816691	
455.554538	21.195937	185.845			
0.25000	2.544130	10.047117		6.816691	
454.872000	17.674341	1479.920			
0.50000	2.544130	10.272402		6.816691	
454.223738	14.534915	1602.784			

COMB DL-G2-1

REL DIST	P	M2	M3	V2	V3
T					
0.00000	-4.058658	-140.049748		-1.927571	
-156.87171	-82.105293	-176.919			
0.25000	-4.058658	-139.724270		-1.927571	
-6.659094	-58.782141	-1147.082			
0.50000	-4.058658	-139.408512		-1.927571	
-15.124849	-61.124855	-1058.076			
0.75000	-4.058658	-139.105948		-1.927571	
-8.136677	-64.351316	-1026.927			
1.00000	-4.058658	-138.920153		-1.927571	
-8.935871	-68.927754	-957.515692			
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COMB DL-G2-2

REL DIST	P	M2	M3	V2	V3
T					
0.00000	4.035162	38.093666		8.538253	
676.707741	43.208825	290.630			
0.25000	4.035162	38.098621		8.538253	
676.691002	38.132401	312.532			
0.50000	4.035162	38.104071		8.538253	
676.675102	33.86224	3360.142			
0.75000	4.035162	38.109788		8.538253	
676.660315	28.923624	3620.824			
1.00000	4.035162	38.115864		8.538253	
676.646918	24.775091	3889.176			

COMB DL-G2-2

REL DIST	P	M2	M3	V2	V3
T					
0.00000	-6.905502	-306.573877		-2.870028	
-56.841048	-76.697269	-172.668			
0.25000	-6.905502	-306.568096		-2.870028	
-156.857132	-79.965535	-1983.138			
0.50000	-6.905502	-306.558550		-2.870028	
-156.875126	-82.105293	-1928.021			
0.75000	-6.905502	-306.551322		-2.870028	
-156.893098	-85.163892	-1868.827			
1.00000	-6.905502	-306.544496		-2.870028	
-156.912534	-89.018148	-1811.762			

COMB DL-G2-3

REL DIST	P	M2	M3	V2	V3
T					
0.00000	-6.905502	-306.573877		-2.870028	
-56.841048	-76.697269	-172.668			
0.25000	-6.905502	-306.568096		-2.870028	
-156.857132	-79.965535	-1983.138			
0.50000	-6.905502	-306.558550		-2.870028	
-156.875126	-82.105293	-1928.021			
0.75000	-6.905502	-306.551322		-2.870028	
-156.893098	-85.163892	-1868.827			
1.00000	-6.905502	-306.544496		-2.870028	
-156.912534	-89.018148	-1811.762			

COMB DL-G2-3

REL DIST	P	M2	M3	V2	V3
T					
0.00000	6.108105	102.609434		8.862511	
678.563294	75.326642	4469.032			
0.25000	6.108105	114.727699		8.862511	
654.267438	72.255555	4840.217			
0.50000	6.108105	127.880595		8.862511	
631.281555	69.971673	5198.073			
0.75000	6.108105	141.924130		8.862511	
621.267153	68.470156	5547.585			
1.00000	6.108105	156.647892		8.862511	
621.261009	68.069085	5875.295			

405.75000	5.930569	219.418466	6.916580
405.450306	96.122056	6947.713	
1.00000	5.930569	239.268915	6.916580
405.450306	99.156876	7120.153	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G1-3 ----- MIN			
REL DIST	P	M2	V3
0.00000	-10.240332	-519.323737	-8.825048
-527.823252	-63.296996	-2473.170	
0.25000	-10.240332	-495.502982	-8.825048
-532.563255	-61.216853	-2374.886	
0.50000	-10.240332	-472.294252	-8.825048
-537.478056	-60.441704	-2276.245	
0.75000	-10.240332	-449.978481	-8.825048
-542.395069	-60.500575	-2177.555	
1.00000	-10.240332	-428.826282	-8.825048
-547.310977	-61.223265	-2078.937	
COMB DL-G2-1 ----- MAX			
REL DIST	P	M2	V3
0.00000	2.309681	13.243791	5.388790
321.268330	10.282132	1850.439	
0.25000	2.309681	13.467250	5.388790
320.566729	8.881216	1921.155	
0.50000	2.309681	13.709657	5.388790
319.900227	7.965383	1992.526	
0.75000	2.309681	13.967773	5.388790
319.278807	7.259038	2065.242	
1.00000	2.309681	14.238482	5.388790
318.714768	6.653890	2139.729	
COMB DL-G2-1 ----- MIN			
REL DIST	P	M2	V3
0.00000	-4.088517	-106.010364	-3.108872
-28.668922	-68.892892	-957.51952	
0.25000	-4.088517	-105.639373	-3.108872
-29.303814	-69.266866	-922.811355	
0.50000	-4.088517	-105.388170	-3.108872
-29.997156	-70.993393	-888.042929	
0.75000	-4.088517	-105.095392	-3.108872
-30.736269	-72.625201	-852.571773	
1.00000	-4.088517	-104.821228	-3.108872
-31.510312	-75.498279	-817.785217	
COMB DL-G2-2 ----- MAX			
REL DIST	P	M2	V3
0.00000	3.737304	55.187887	6.870078
533.985533	25.703895	3887.324	
0.25000	3.737304	55.193231	6.870078
533.986366	23.294205	4006.239	
0.50000	3.737304	55.199028	6.870078
533.952031	21.546412	4139.945	
0.75000	3.737304	55.205207	6.870078
533.936805	20.184026	4296.602	
1.00000	3.737304	55.211685	6.870078
533.922969	19.133849	4462.566	
COMB DL-G2-2 ----- MIN			
REL DIST	P	M2	V3
0.00000	-7.103344	-238.583160	-4.229696
-207.201245	-88.870833	-1811.676	
0.25000	-7.103344	-238.575595	-4.229696
-207.216729	-88.855033	-1743.592	
0.50000	-7.103344	-238.568286	-4.229696
-207.233605	-89.324551	-1676.281	
0.75000	-7.103344	-238.561303	-4.229696
-207.251602	-91.250084	-1608.524	
1.00000	-7.103344	-238.554739	-4.229696
-207.270455	-94.120001	-1540.692	
COMB DL-G2-3 ----- MAX			
REL DIST	P	M2	V3
0.00000	5.641147	135.488429	8.029364
575.125294	69.532008	5874.527	
0.25000	5.641147	148.685433	8.029364
549.195119	68.300779	6098.727	
0.50000	5.641147	162.935036	8.029364
524.530973	68.154276	6307.387	
0.75000	5.641147	178.081005	8.029364
501.870127	68.757575	6506.971	
1.00000	5.641147	193.907217	8.029364
494.867252	70.085964	6685.620	
Program	SAP2000 Nonlinear	Version 7.42	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G2-3 ----- MIN			
REL DIST	P	M2	V3
0.00000	-10.051912	-461.773394	-7.796575
-375.580898	-88.361360	-2459.319	
0.25000	-10.051912	-443.012296	-7.796575
-402.025739	-86.830444	-2369.612	
0.50000	-10.051912	-424.766881	-7.796575
-431.212081	-86.587066	-2267.795	
0.75000	-10.051912	-407.313835	-7.796575
-462.444807	-87.755520	-2137.853	
1.00000	-10.051912	-390.810574	-7.796575
-494.974600	-89.871746	-2075.889	
COMB DB ----- MAX			
REL DIST	P	M2	V3
0.00000	3.334240	203.538447	7.757857
559.759741	88.940668	5567.934	
0.25000	3.334240	226.889560	7.757857
523.680089	87.973263	5770.030	
0.50000	3.334240	251.741791	7.757857
501.821791	88.343179	5967.921	
0.75000	3.334240	277.753182	7.757857
501.790777	90.269552	6163.828	
1.00000	3.334240	304.795118	7.757857
501.762099	93.546965	6351.248	
COMB DB ----- MIN			
REL DIST	P	M2	V3
0.00000	-5.502292	-513.203918	-8.599867
-504.848826	-83.400679	-1873.081	
0.25000	-5.502292	-488.330968	-8.599867
-504.848826	-81.607442	-1798.288	
0.50000	-5.502292	-463.977743	-8.599867
-504.848826	-81.187690	-1723.499	
0.75000	-5.502292	-440.243447	-8.599867
-504.848826	-82.377470	-1648.716	
1.00000	-5.502292	-417.468613	-8.599867
-510.220306	-84.986248	-1573.964	
COMB DL ----- MAX			
REL DIST	P	M2	V3
0.00000	5.930569	170.370255	8.029364
575.125294	95.635406	6279.822	
0.25000	5.930569	188.692061	8.029364
549.195119	96.354337	6523.606	
0.50000	5.930569	208.431243	8.029364
533.952031	98.145506	6744.370	
0.75000	5.930569	227.753182	8.029364
533.936805	101.059123	6947.713	
1.00000	5.930569	246.409051	8.029364
533.922969	104.891502	7120.153	
COMB DL ----- MIN			
REL DIST	P	M2	V3
0.00000	-10.240332	-519.323737	-8.825048
-536.190922	-68.870833	-2473.170	
0.25000	-10.240332	-495.502982	-8.825048
-541.132713	-88.559033	-2374.886	
0.50000	-10.240332	-472.294252	-8.825048
-546.173230	-89.324551	-2276.245	
0.75000	-10.240332	-449.978481	-8.825048
-551.214360	-91.250084	-2177.555	
1.00000	-10.240332	-428.826282	-8.825048
-556.255183	-94.120001	-2078.937	
ELEM 48 ----- LENGTH = 5.049230			
COMB DB-G1-1 ----- MAX			
REL DIST	P	M2	V3
0.00000	1.479695	161.263046	3.561222
154.327179	71.492752	3183.394	
0.25000	1.479695	180.572413	3.561222
154.327179	70.767218	3266.214	
0.50000	1.479695	201.087688	3.561222
154.327179	71.309288	3307.306	
0.75000	1.479695	222.514893	3.561222
154.327179	73.216988	3323.858	
1.00000	1.479695	244.409051	3.561222
154.327179	76.356724	3513.305	
COMB DB-G1-1 ----- MIN			
REL DIST	P	M2	V3
0.00000	-2.362975	-293.909680	-5.427143
-213.253440	-2.622349	-637.1163	
0.25000	-2.362975	-271.855378	-5.427143
-213.253440	-2.391070	-607.602404	
0.50000	-2.362975	-249.856457	-5.427143
-213.253440	-2.174955	-577.488744	
0.75000	-2.362975	-228.440613	-5.427143
-213.253440	-1.979685	-547.375084	
1.00000	-2.362975	-207.901314	-5.427143
-213.253440	-1.797940	-517.261425	
COMB DB-G1-2 ----- MAX			
REL DIST	P	M2	V3
0.00000	2.305500	249.305867	4.660927
310.428523	93.606006	5390.349	
0.25000	2.305500	273.473373	4.660927
308.667712	92.262699	5458.938	
0.50000	2.305500	299.125186	4.660927
308.667712	92.146618	5514.891	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G2-3 ----- MIN			
REL DIST	P	M2	V3
0.75000	2.305500	325.892691	4.660927
308.667712	93.679118	5567.493	
1.00000	2.305500	353.657085	4.660927
308.667712	96.649990	5607.731	
COMB DB-G2-3 ----- MIN			
REL DIST	P	M2	V3
0.00000	-4.380811	-435.794399	-6.662815
-359.675527	-12.050692	-1167.280	
0.25000	-4.380811	-407.711281	-6.662815
-359.675527	-11.271772	-1112.281	
0.50000	-4.380811	-380.289756	-6.662815
-359.675527	-10.728688	-1057.282	
0.75000	-4.380811	-353.552698	-6.662815
-359.675527	-10.133244	-1002.282	
1.00000	-4.380811	-327.899321	-6.662815
-367.892178	-9.578179	-947.283051	
COMB DB-G2-3 ----- MAX			
REL DIST	P	M2	V3
0.00000	2.305500	325.892691	4.660927
310.428523	93.606006	5390.349	
0.25000	2.305500	273.473373	4.660927
308.667712	92.262699	5458.938	
0.50000	2.305500	299.125186	4.660927
308.667712	92.146618	5514.891	

0.75000 2.920288 325.892691 8.058968
434.655717 93.679118 5667.965
1.00000 96.649890 6627.678
COMB DB MIN
REL DIST T M2 M3 V3
0.00000 -5.735014 -438.657212 -8.833148
-440.745161 -94.346326 -2078.759
0.25000 -5.735014 -413.176954 -8.833148
-440.745161 -82.448717 -1499.862
0.50000 -5.735014 -388.255552 -8.833148
-440.745161 -69.357504 -981.095
0.75000 -5.735014 -363.983973 -8.833148
-443.379758 -82.558807 -1351.891
1.00000 -5.735014 -340.695271 -8.833148
-488.265609 -85.101025 -1277.905
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COMB DL MAX
REL DIST T M2 M3 V3
0.00000 5.323289 220.710169 7.674378
494.491667 105.751359 7120.348
0.25000 5.323289 238.689348 7.674378
466.219163 105.825364 7205.102
0.50000 5.323289 258.029813 7.674378
439.212061 106.585073 7264.532
0.75000 5.323289 278.448230 7.674378
414.211548 108.236345 7303.658
1.00000 5.323289 300.265125 7.674378
408.666468 110.639691 7316.701

COMB DL MIN
REL DIST T M2 M3 V3
0.00000 -10.102518 -438.657212 -8.833148
-447.188632 -94.346326 -2078.759
0.25000 -10.102518 -400.910129 -8.833148
-448.187762 -93.357504 -1981.095
0.50000 -10.102518 -378.585285 -8.833148
-450.979490 -93.126727 -1883.294
0.75000 -10.102518 -357.195036 -8.833148
-455.500895 -93.801035 -1785.578
1.00000 -10.102518 -336.983973 -8.833148
-464.667359 -95.262950 -1687.874

COMB CAR MAX
REL DIST T M2 M3 V3
0.00000 5.323289 250.331389 8.058968
514.033156 105.751359 7120.348
0.25000 5.323289 273.473733 8.058968
470.858284 105.825364 7205.102
0.50000 5.323289 299.125166 8.058968
442.288237 106.585073 7264.532
0.75000 5.323289 325.892691 8.058968
434.655717 108.236345 7303.658
1.00000 5.323289 353.657085 8.058968
434.655717 110.639691 7316.701

COMB CAR MIN
REL DIST T M2 M3 V3
0.00000 -10.102518 -438.657212 -8.833148
-447.188632 -94.346326 -2078.759
0.25000 -10.102518 -413.176954 -8.833148
-448.187762 -93.357504 -1981.095
0.50000 -10.102518 -388.255552 -8.833148
-450.979490 -93.126727 -1883.294
0.75000 -10.102518 -363.983973 -8.833148
-455.500895 -93.801035 -1785.578
1.00000 -10.102518 -340.695271 -8.833148
-488.265609 -85.262950 -1687.874

COMB DESIGN MAX
REL DIST T M2 M3 V3
0.00000 5.323289 250.331389 8.058968
514.033156 105.751359 7120.348
0.25000 5.323289 273.473733 8.058968
470.858284 105.825364 7205.102
0.50000 5.323289 299.125166 8.058968
442.288237 106.585073 7264.532
0.75000 5.323289 325.892691 8.058968
434.655717 108.236345 7303.658
1.00000 5.323289 353.657085 8.058968
434.655717 110.639691 7316.701

COMB DESIGN MIN
REL DIST T M2 M3 V3
0.00000 -10.102518 -438.657212 -8.833148
-447.188632 -94.346326 -2078.759
0.25000 -10.102518 -413.176954 -8.833148
-448.187762 -93.357504 -1981.095
0.50000 -10.102518 -388.255552 -8.833148
-450.979490 -93.126727 -1883.294
0.75000 -10.102518 -363.983973 -8.833148
-455.500895 -93.801035 -1785.578
1.00000 -10.102518 -340.695271 -8.833148
-488.265609 -85.262950 -1687.874

COMB DESIGN MAX
REL DIST T M2 M3 V3
0.00000 5.323289 250.331389 8.058968
514.033156 105.751359 7120.348
0.25000 5.323289 273.473733 8.058968
470.858284 105.825364 7205.102
0.50000 5.323289 299.125166 8.058968
442.288237 106.585073 7264.532
0.75000 5.323289 325.892691 8.058968
434.655717 108.236345 7303.658
1.00000 5.323289 353.657085 8.058968
434.655717 110.639691 7316.701

COMB DESIGN MIN
REL DIST T M2 M3 V3
0.00000 -10.102518 -438.657212 -8.833148
-447.188632 -94.346326 -2078.759
0.25000 -10.102518 -413.176954 -8.833148
-448.187762 -93.357504 -1981.095
0.50000 -10.102518 -388.255552 -8.833148
-450.979490 -93.126727 -1883.294
0.75000 -10.102518 -363.983973 -8.833148
-455.500895 -93.801035 -1785.578
1.00000 -10.102518 -340.695271 -8.833148
-488.265609 -85.262950 -1687.874

COMB DESIGN MAX
REL DIST T M2 M3 V3
0.00000 5.323289 250.331389 8.058968
514.033156 105.751359 7120.348
0.25000 5.323289 273.473733 8.058968
470.858284 105.825364 7205.102
0.50000 5.323289 299.125166 8.058968
442.288237 106.585073 7264.532
0.75000 5.323289 325.892691 8.058968
434.655717 108.236345 7303.658
1.00000 5.323289 353.657085 8.058968
434.655717 110.639691 7316.701

COMB DESIGN MIN
REL DIST T M2 M3 V3
0.00000 -10.102518 -438.657212 -8.833148
-447.188632 -94.346326 -2078.759
0.25000 -10.102518 -413.176954 -8.833148
-448.187762 -93.357504 -1981.095
0.50000 -10.102518 -388.255552 -8.833148
-450.979490 -93.126727 -1883.294
0.75000 -10.102518 -363.983973 -8.833148
-455.500895 -93.801035 -1785.578
1.00000 -10.102518 -340.695271 -8.833148
-488.265609 -85.262950 -1687.874

445.468858 94.982514 5592.856
0.50000 1.983695 347.773498 4.748719
445.468858 94.982514 5592.856
0.75000 1.983695 375.201190 4.748719
445.468858 96.222901 5508.109
1.00000 1.983695 403.624708 4.748719
445.468858 98.916053 5435.173
COMB DB-G1-2 MIN
REL DIST T M2 M3 V3
0.00000 -4.258666 -382.282191 -6.109490
-211.548920 -9.902838 -947.060588
0.25000 -4.258666 -353.549150 -6.109490
-211.548920 -9.219879 -893.170355
0.50000 -4.258666 -325.385674 -6.109490
-211.548920 -8.582719 -839.280121
0.75000 -4.258666 -297.694817 -6.109490
-211.548920 -8.064749 -785.389887
1.00000 -4.258666 -271.431744 -6.109490
-220.912670 -7.840735 -731.499653

COMB DB-G1-3 MAX
REL DIST T M2 M3 V3
0.00000 2.487585 315.234863 7.413144
489.324822 91.041193 6627.648
0.25000 2.487585 337.798283 7.413144
481.912002 89.437770 6627.648
0.50000 2.487585 361.693606 7.413144
481.912002 89.093434 6518.582
0.75000 2.487585 386.592922 7.413144
481.912002 90.154942 6645.087
1.00000 2.487585 412.409815 7.413144
481.912002 92.427865 6356.225

COMB DB-G1-3 MIN
REL DIST T M2 M3 V3
0.00000 -5.564528 -362.575728 -8.373466
-375.480203 -53.380262 -1277.791
0.25000 -5.564528 -336.477877 -8.373466
-375.480203 -51.854588 -1277.791
0.50000 -5.564528 -310.912823 -8.373466
-375.480203 -51.292086 -1130.552
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REL DIST T M2 M3 V3
0.75000 -5.564528 -285.958033 -8.373466
-375.480203 -52.002462 -1277.791
1.00000 -5.564528 -261.935968 -8.373466
-386.676740 -53.701755 -983.313611
COMB DB-G2-1 MAX
REL DIST T M2 M3 V3
0.00000 1.078721 53.928166 6.456300
50.351673 3.763996 1760.288
0.25000 1.078721 54.220579 6.456300
54.293174 3.534900 1720.339
0.50000 1.078721 54.898540 6.456300
58.431467 3.315581 1682.726
0.75000 1.078721 54.849253 6.456300
52.609210 3.110500 1648.673
1.00000 1.078721 55.58716 6.456300
51.835561 2.915136 1617.391

COMB DB-G2-1 MIN
REL DIST T M2 M3 V3
0.00000 -2.014123 -26.762133 -4.100814
-230.169334 -67.712106 -504.011891
0.25000 -2.014123 -26.406925 -4.100814
-230.931908 -66.343135 -474.089584
0.50000 -2.014123 -26.080488 -4.100814
-231.763709 -66.246018 -444.167277
0.75000 -2.014123 -25.761307 -4.100814
-232.633034 -67.536922 -414.244969
1.00000 -2.014123 -25.45374 -4.100814
-233.644606 -67.048017 -384.322662

COMB DB-G2-2 MAX
REL DIST T M2 M3 V3
0.00000 1.768114 138.832716 9.568671
23.154915 11.345470 364.745
0.25000 1.768114 138.843550 9.568671
253.097500 10.570154 337.9349
0.50000 1.768114 138.854975 9.568671
253.065344 9.790541 307.802
0.75000 1.768114 138.866843 9.568671
253.035030 9.032141 360.904
1.00000 1.768114 138.879934 9.568671
253.006326 8.269159 359.0136

COMB DB-G2-2 MIN
REL DIST T M2 M3 V3
0.00000 -3.970043 -84.943435 -5.217716
-428.459458 -85.352076 -947.292886
0.25000 -3.970043 -84.921477 -5.217716
-428.487788 -83.358215 -891.609570
0.50000 -3.970043 -84.909048 -5.217716
-428.518646 -82.950606 -835.926254
0.75000 -3.970043 -84.887121 -5.217716
-428.550884 -84.299376 -780.242938
1.00000 -3.970043 -84.865892 -5.217716
-428.588424 -87.098520 -724.559622

COMB DB-G2-3 MAX
REL DIST T M2 M3 V3
0.00000 2.443810 273.802464 7.813255
476.701449 60.664639 6095.855
0.25000 2.443810 291.513875 7.813255
453.93607 59.374530 6028.868
0.50000 2.443810 310.236221 7.813255
403.102264 58.814756 5955.039
0.75000 2.443810 329.719002 7.813255
373.517788 59.354696 5819.396
1.00000 2.443810 350.471344 7.813255
349.135948 60.588605 5796.851

COMB DB-G2-3 MIN
REL DIST T M2 M3 V3
0.00000 -5.480227 -295.410037 -8.089785
-424.589517 -79.205741 -1277.124
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.25000 -5.480227 -274.464089 -8.089785
-424.589517 -77.198965 -1198.60
0.50000 -5.480227 -254.520084 -8.089785
-446.210225 -76.625047 -1128.796
0.75000 -5.480227 -235.046241 -8.089785
-475.785466 -77.655532 -1054.632
1.00000 -5.480227 -216.288113 -8.089785
-518.403571 -80.100058 -980.467802
COMB DL-G1-1 MAX

REL DIST T M2 M3 V3
0.00000 2.433410 158.166860 3.542814
271.423081 84.019708 3492.208
0.25000 2.433410 175.387877 3.542814
273.027049 83.675003 3505.113
0.50000 2.433410 193.789765 3.542814
274.630917 84.075590 3483.279
0.75000 2.433410 213.104204 3.542814
276.17785 85.151024 3429.911
1.00000 2.433410 233.135918 3.542814
277.836576 86.930512 3333.662

COMB DL-G1-1 MIN
REL DIST T M2 M3 V3
0.00000 -4.337097 -229.362041 -4.270127
-106.162303 -2.678911 -688.335268
0.25000 -4.337097 -209.658687 -4.270127
-106.162303 -2.298344 -649.442229
0.50000 -4.337097 -190.519566 -4.270127
-106.162303 -2.491700 -610.522494
0.75000 -4.337097 -172.203173 -4.270127
-106.162303 -2.581266 -571.504014
1.00000 -4.337097 -154.93917 -4.270127
-106.160314 -2.741022 -532.586750

COMB DL-G1-2 MAX
REL DIST T M2 M3 V3
0.00000 3.682278 262.895056 4.757061
448.216832 110.507945 5974.673
0.25000 3.682278 284.101674 4.757061
443.174804 109.395568 5940.639
0.50000 3.682278 306.774293 4.757061
438.132775 109.113438 5872.516
0.75000 3.682278 330.620730 4.757061
433.254422 109.630731 5780.907
1.00000 3.682278 355.377827 4.757061
429.912331 110.781536 5658.102

COMB DL-G1-2 MIN
REL DIST T M2 M3 V3
0.00000 -7.255076 -340.819103 -5.527328
-253.732884 -12.590575 -1093.09
0.25000 -7.255076 -316.510899 -5.527328
-253.865284 -12.536464 -1182.265
0.50000 -7.255076 -292.93232 -5.527328
-253.865284 -11.480488 -1110.756
0.75000 -7.255076 -270.396900 -5.527328
-254.019960 -11.285433 -1039.323
1.00000 -7.255076 -249.190513 -5.527328
-255.728898 -10.882315 -967.614162

COMB DL-G1-3 MAX
REL DIST T M2 M3 V3
0.00000 4.620478 290.773784 6.959721
481.772519 110.507945 7316.801
0.25000 4.620478 310.072063 6.959721
476.855436 109.395568 7240.372
0.50000 4.620478 330.715066 6.959721
471.938354 109.113438 7132.402
0.75000 4.620478 352.409376 6.959721
467.247546 109.630731 7003.949
1.00000 4.620478 374.943086 6.959721
464.088899 110.646400 6848.514
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 MIN
REL DIST T M2 M3 V3
0.00000 -9.471089 -341.534404 -7.598117
-446.732548 -95.871353 -1687.708
0.25000 -9.471089 -319.410943 -7.598117
-413.732548 -95.344088 -1590.424
0.50000 -9.471089 -297.953208 -7.598117
-413.732548 -95.344088 -1493.117
0.75000 -9.471089 -277.446187 -7.598117
-413.958823 -95.325313 -1395.895
1.00000 -9.471089 -258.150786 -7.598117
-416.711443 -98.609941 -1298.539

COMB DL-G2-1 MAX
REL DIST T M2 M3 V3
0.00000 1.754440 61.914392 4.068500
74.236480 1.593074 2183.253
0.25000 1.754440 62.169207 4.068500
73.478824 1.516301 2127.227
0.50000 1.754440 62.443725 4.068500
72.755148 1.4754654 2071.971
0.75000 1.754440 62.733749 4.068500
72.076755 1.4375255 2018.073
1.00000 1.754440 63.036772 4.068500
71.454565 1.413014 1963.722

COMB DL-G2-1 MIN
REL DIST T M2 M3 V3
0.00000 -3.669865 -40.401738 -4.013035
-236.244627 -78.091514 -664.583430
0.25000 -3.669865 -40.106081 -4.013035
-236.809724 -76.83373 -605.20252
0.50000 -3.669865 -39.621575 -4.013035
-237.431141 -75.953623 -585.844281
0.75000 -3.669865 -39.551274 -4.013035
-238.097320 -74.660288 -566.497244
1.00000 -3.669865 -39.299348 -4.013035
-238.796600 -76.948662 -507.145612

COMB DL-G2-2 MAX
REL DIST T M2 M3 V3
0.00000 2.917870 150.033359 5.254700
249.252010 16.885330 4565.571
0.25000 2.917870 150.039451 5.254700
249.233522 15.700543 4448.590
0.50000 2.917870 150.046015 5.254700
249.215883 14.792141 4335.673
0.75000 2.917870 150.052951 5.254700
249.198339 13.910190 4246.607
1.00000 2.917870 150.

388.066021 78.175024 3207.871 3.860025
0.50000 1.022138 255.178926
388.066021 77.176882 3137.726 3.860025
0.75000 1.022138 278.005287 3.860025
388.066021 77.071596 3027.661 3.860025
1.00000 1.022138 301.40175 3.860025
388.066021 77.48182 2875.641

COMB DB-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -2.084442 -236.443047 -2.925325
-48.345473 -7.571085 -400.393678
0.25000 -2.084442 -236.443047 -2.925325
-48.345473 -1.523602 -371.49438
0.50000 -2.084442 -188.702718 -2.925325
-48.345473 -1.632151 -342.605433
0.75000 -2.084442 -165.811734 -2.925325
-48.345473 -1.772723 -313.711429 -2.925325
1.00000 -2.084442 -142.297580 -2.925325
-48.345473 -1.937246 -284.817466

COMB DB-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 1.639325 347.889025 4.944356
600.813209 98.433027 5434.346
0.25000 1.639325 373.563333 4.944356
594.05382 95.615086 5301.040
0.50000 1.639325 400.791592 4.944356
594.05382 93.850195 5137.669
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.75000 1.639325 429.223256 4.944356
594.05382 93.149724 4951.565
1.00000 1.639325 458.772355 4.944356
594.05382 93.395200 4736.712

COMB DB-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -3.833612 -325.440496 -3.790614
-193.305775 -7.792910 -731.271748
0.25000 -3.833612 -295.371709 -3.790614
-193.305775 -2.907782 -677.682562
0.50000 -3.833612 -265.696827 -3.790614
-193.305775 -6.951577 -624.094055
0.75000 -3.833612 -236.487763 -3.790614
-193.305775 -6.980469 -570.50547
1.00000 -3.833612 -208.072415 -3.790614
-193.305775 -6.452133 -516.917138

COMB DB-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 2.040776 387.130349 6.282123
567.222354 91.962282 6356.215
0.25000 2.040776 410.441281 6.282123
567.222354 89.171041 6152.981
0.50000 2.040776 435.153033 6.282123
558.425903 87.337621 5924.656
0.75000 2.040776 460.960036 6.282123
558.425903 86.467825 567.574
1.00000 2.040776 487.797442 6.282123
558.425903 86.454920 5408.404

COMB DB-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -5.010294 -312.986213 -6.333816
-432.175383 -54.075050 -983.198089
0.25000 -5.010294 -285.679226 -6.333816
-432.175383 -52.322065 -909.750319
0.50000 -5.010294 -259.12034 6.333816
-432.175383 -51.301412 336.306278
0.75000 -5.010294 -232.235672 -6.333816
-432.175383 -51.254301 -762.873660
1.00000 -5.010294 -206.185710 -6.333816
-432.175383 -51.680189 289.441042

COMB DB-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.874068 84.779698 2.832277
3.01459398 3.014593 1818.470
0.25000 0.874068 85.078655 2.832277
43.053602 2.768279 1523.931
0.50000 0.874068 85.394386 2.832277
42.193083 2.531948 1431.930
0.75000 0.874068 85.723632 2.832277
41.363943 2.306777 1340.213
1.00000 0.874068 86.085418 2.832277
40.573318 2.109701 1251.294

COMB DB-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -1.811084 -26.478401 -4.186805
-342.923935 -70.481445 -384.477521
0.25000 -1.811084 -26.112034 -4.186805
-343.654733 -68.495239 -354.418698
0.50000 -1.811084 -25.773652 -4.186805
-344.445241 -67.422710 -324.360268
0.75000 -1.811084 -25.160782 -4.186805
-345.264413 -67.199332 -294.312568
1.00000 -1.811084 -25.116852 -4.186805
-346.245375 -67.919994 -264.272487

COMB DB-G2-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 1.452658 195.974542 3.762860
208.031396 85.259493 3591.449
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.25000 1.452658 195.956818 3.762860
207.994083 7.751587 3377.512
0.50000 1.452658 195.997316 3.762860
207.962163 6.962268 3181.025
0.75000 1.452658 196.031025 3.762860
207.931406 6.182313 3051.789
1.00000 1.452658 196.022921 3.762860
207.902076 5.414479 2876.687

COMB DB-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -3.564690 -66.444299 -5.318275
-549.803413 -87.719953 -724.700050
0.25000 -3.564690 -66.430723 -5.318275
-549.805334 -84.843665 -668.856043
0.50000 -3.564690 -66.418187 -5.318275
-549.858959 -83.358557 -613.036037
0.75000 -3.564690 -66.405852 -5.318275
-549.890245 -82.928411 -571.23915
1.00000 -3.564690 -66.393854 -5.318275
-549.926690 -83.553193 -501.415284

COMB DB-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 2.003986 347.608693 5.943814
518.841478 60.426107 5797.591
0.25000 2.003986 365.824545 5.943814
493.983403 58.442668 5580.2142
0.50000 2.003986 385.103406 5.943814
444.381198 57.048481 5345.150
0.75000 2.003986 405.210241 5.943814
46.848924 56.259040 5255.000
1.00000 2.003986 426.655021 5.943814
387.586636 56.286081 4848.641

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -4.931993 -253.493997 -6.834179
-533.493027 -80.620402 -980.470066
0.25000 -4.931993 -231.734992 -6.834179
-533.493027 -60.082079 -906.342997
0.50000 -4.931993 -210.872245 -6.834179
-533.493027 -76.607887 -832.215929
0.75000 -4.931993 -190.341035 -6.834179
-541.886667 -76.178492 -758.106664
1.00000 -4.931993 -170.368631 -6.834179
-564.626482 -76.699458 -684.000593

COMB DL-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 2.017211 187.657967 3.793027
445.820910 85.964786 3332.450
0.25000 2.017211 206.229279 3.793027
447.424989 83.851149 3275.081
0.50000 2.017211 225.1182 3.793027
449.028486 82.268515 3218.109
0.75000 2.017211 246.826932 3.793027
450.632275 81.331497 3052.374
1.00000 2.017211 268.48394 3.793027
452.236063 80.915586 2886.340

COMB DL-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -3.813604 -196.544782 -2.492484
-60.888303 -2.446830 -58.421766
0.25000 -3.813604 -177.579570 -2.492484
-60.888303 -2.353303 -493.853370
0.50000 -3.813604 -159.176657 -2.492484
-60.888303 -2.259247 -455.286439
0.75000 -3.813604 -141.586286 -2.492484
-60.888303 -2.104036 -416.801626
1.00000 -3.813604 -125.033895 -2.492484
-60.888303 -2.486099 -378.617843
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 3.071541 321.166770 5.303043
652.132740 109.581423 5657.764
0.25000 3.071541 343.985519 5.303043
647.091093 106.474975 5499.678
0.50000 3.071541 368.307479 5.303043
642.873315 103.876860 5247.684
0.75000 3.071541 393.946193 5.303043
637.007538 101.967227 5074.541
1.00000 3.071541 420.633636 5.303043
631.965760 100.723428 4820.245

COMB DL-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -6.398062 -283.972049 -3.476941
-220.185910 -9.138524 -967.381515
0.25000 -6.398062 -260.573670 -3.476941
-220.185910 -9.828747 -896.315246
0.50000 -6.398062 -237.904300 -3.476941
-220.185910 -9.371016 -827.278439
0.75000 -6.398062 -216.266643 -3.476941
-220.185910 -9.114494 -754.336376
1.00000 -6.398062 -195.940104 -3.476941
-220.185910 -9.016148 -683.201933

COMB DL-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 3.842841 378.851236 6.127281
617.367677 101.954918 6848.192
0.25000 3.842841 399.614321 6.127281
612.450839 98.888255 6607.142
0.50000 3.842841 421.746798 6.127281
607.534001 96.375162 6330.034
0.75000 3.842841 445.078661 6.127281
602.617163 94.542441 6025.011
1.00000 3.842841 469.370507 6.127281
597.700325 93.362036 5695.195

COMB DL-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -8.340964 -283.345527 -8.580619
-484.542961 -56.628504 -1298.386
0.25000 -8.340964 -262.050252 -8.580619
-484.542961 -56.576932 -1201.313
0.50000 -8.340964 -241.422352 -8.580619
-484.542961 -54.907653 -1104.248
0.75000 -8.340964 -221.730010 -8.580619
-484.542961 -53.728833 -1007.223
1.00000 -8.340964 -203.233288 -8.580619
-484.542961 -52.982758 -910.109590

COMB DL-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 1.446582 107.293317 2.466089
49.799865 4.296150 1965.006
0.25000 1.446582 107.564589 2.466089
49.009383 3.663352 1846.696
0.50000 1.446582 107.86922 2.466089
48.250777 3.584908 1727.840
0.75000 1.446582 108.164755 2.466089
47.436037 3.411396 1609.389
1.00000 1.446582 108.468889 2.466089
46.875816 3.260380 1491.168

COMB DL-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -3.203685 -35.633031 -4.198968
-410.786553 -77.644439 -503.301426
0.25000 -3.203685 -35.349352 -4.198968
-411.308364 -74.591679 -467.814425
0.50000 -3.203685 -35.078622 -4.198968
-411.888013 -72.214733 -428.329760
0.75000 -3.203685 -34.816529 -4.198968
-412.513551 -70.538482 -389.954630
1.00000 -3.203685 -34.574321 -4.198968
-413.174106 -69.341202 -349.455027
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 2.426889 227.938041 3.382063
184.989293 13.238458 4171.344
0.25000 2.426889 227.944527 3.382063
184.979042 12.292163 3933.978
0.50000 2.426889 227.951491 3.382063
184.968081 11.540300 3700.366
0.75000 2.426889 227.958874 3.382063
184.958208 10.831537 3493.908
1.00000 2.426889 227.966577 3.382063
184.927139 10.232388 3282.051

COMB DL-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -5.771778 -87.032435 -5.279738
-625.114053 -94.231578 -958.574106
0.25000 -5.771778 -87.025639 -5.279738
-625.128885 -90.556422 -885.034569
0.50000 -5.771778 -87.019103 -5.279738
-625.141112 -87.615180 -811.310588
0.75000 -5.771778 -87.012901 -5.279738
-625.158455 -85.362010 -737.570910
1.00000 -5.771778 -87.007128 -5.279738
-625.176249 -83.582820 -663.839860

COMB DL-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 3.652392 355.156256 5.639344
542.897782 69.369451 6368.777
0.25000 3.652392 371.401805 5.639344
510.030449 67.166209 6110.916
0.50000 3.652392 388.771701 5.639344
477.287939 65.376341 5825.96
0.75000 3.652392 407.116767 5.639344
446.466215 64.012844 5521.686
1.00000 3.652392 426.251621 5.639344
418.223905 64.947611 5202.455

COMB DL-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -8.164282 -239.284196 -6.569866
-68.990307 -98.481023 -1294.110
0.25000 -8.164282 -222.469560 -6.569866
-608.903068 -85.022294 -1196.471
0.50000 -8.164282 -206.224613 -6.569866
-615.182775 -82.315371 -1098.698
0.75000 -8.164282 -190.778511 -6.569866
-637.463486 -80.276527 -1001.942
1.00000 -8.164282 -176.300810 -6.569866
-661.078612 -78.715101 -905.608899

COMB DB ----- MAX

REL DIST T M2 M3 V3
0.00000 2.040776 387.130349 6.282123
600.813209 98.433027 6356.215
0.25000 2.040776 410.441281 6.282123
594.05382 95.615086 6152.981
0.50000 2.040776 435.153033 6.282123
594.05382 93.850195 5924.656
0.75000 2.040776 460.960036 6.282123
594.05382 93.149724 5677.574
1.00000 2.040776 487.797442 6.282123
594.05382 93.395200 5408.404

COMB DB ----- MIN

REL DIST T M2 M3 V3
0.00000 -5.010294 -325.440496 -6.834179
-549.803413 -87.719953 -983.198089
0.25000 -5.010294 -295.371709 -6.834179
-549.830534 -84.953665 -909.750319
0.50000 -5.010294 -265.696827 -6.834179
-549.858959 -83.358557 -836.306278
0.75000 -5.010294 -236.487763 -6.834179
-549.890245 -82.928411 -762.873660
1.00000 -5.010294 -208.072415 -6.834179
-564.626482 -83.553193 -689.441042
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST T M2 M3 V3
0.00000 3.842841 378.851236 6.127281
652.132870 109.581423 6848.192
0.25000 3.842841 399.614321 6.127281
652.091093 106.474975 6607.142
0.50000 3.842841 421.746798 6.127281
642.049315 103.876860 6330.034
0.75000 3.842841 445.078661 6.127281
637.007538 101.967227 6025.011
1.00000 3.842841 469.370507 6.127281
631.965760 100.723428 5695.195

COMB DL ----- MIN

REL DIST T M2 M3 V3
0.00000 -8.340964 -283.972049 -6.569866
-625.114053 -94.231578 -1298.386
0.25000 -8.340964 -262.050252 -6.569866
-625.128885 -90.556422 -1201.313
0.50000 -8.340964

0.00000 1.128190 250.816365 0.693427
5.635936 2878.853
208.192021 1.128190 250.827893 0.693427
0.25000 1.128190 250.827893
208.152330 4.845329 2574.791
0.50000 1.128190 250.840160 0.693427
208.117550 4.300250 3277.626
0.75000 1.128190 250.853101 0.693427
208.073174 4.566210 2002.059
1.00000 1.128190 250.867456 0.693427
208.040810 4.839924 1757.219

COMB DB-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -2.919676 -47.538662 -9.625619
-650.370529 -84.475869 -501.551280
0.25000 -2.919676 -47.523957 -9.625619
-650.389238 -77.084346 -446.089350
0.50000 -2.919676 -47.510060 -9.625619
-650.413385 -70.077709 -390.644274
0.75000 -2.919676 -47.496972 -9.625619
-650.445121 -63.508769 -339.189198
1.00000 -2.919676 -47.484327 -9.625619
-650.482209 -57.596745 -279.754123

COMB DB-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.554345 426.046414 4.111767
577.251023 55.847788 4849.789
0.25000 1.554345 442.270417 4.111767
537.449336 51.359562 4486.6712
0.50000 1.554345 465.797354 4.111767
508.401021 47.267276 4093.435
0.75000 1.554345 487.431111 4.111767
476.308379 43.192622 3671.31
1.00000 1.554345 510.681297 4.111767
456.712123 41.186139 3250.086

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.046725 -200.788091 -6.408828
-621.951178 -77.557300 -684.001335
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.25000 -4.046725 -176.812804 -6.408828
-621.951178 -70.759422 -609.887422
0.50000 -4.046725 -153.342368 -6.408828
-621.951178 -64.308243 -535.786885
0.75000 -4.046725 -131.065144 -6.408828
-621.951178 -58.389925 -461.889947
1.00000 -4.046725 -109.894514 -6.408828
-634.435802 -53.008919 -387.591210

COMB DL-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.576186 230.055871 5.450204
603.839715 79.228907 2884.333
0.25000 1.576186 250.827691 5.450204
605.443463 73.313110 2736.057
0.50000 1.576186 273.081961 5.450204
607.047211 75.89847 2549.352
0.75000 1.576186 296.582698 5.450204
608.650959 62.007245 2324.951
1.00000 1.576186 321.193289 5.450204
610.254708 56.724706 2060.630

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -3.107507 -158.406823 -0.387632
-611.526102 -3.107507 -377.239372
0.25000 -3.107507 -140.231309 -0.387632
-611.526102 -2.770567 -338.799235
0.50000 -3.107507 -122.567681 -0.387632
-611.526102 -3.107507 -105.665351
0.75000 -3.107507 -105.665351 -0.387632
-611.526102 -3.111130 -89.481684
1.00000 -3.107507 -89.739328 -0.387632
-611.526102 -3.941860 -221.401811

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 2.409936 398.418314 6.865038
817.641248 98.458646 4818.084
0.25000 2.409936 423.807997 6.865038
812.599596 90.901713 4512.313
0.50000 2.409936 451.036958 6.865038
807.557945 83.187179 4182.045
0.75000 2.409936 479.884164 6.865038
802.516293 76.951037 3773.754
1.00000 2.409936 510.025449 6.865038
797.474642 70.583194 3357.883

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.219694 -224.697308 -1.029814
-206.343097 -7.989201 -682.952472
0.25000 -5.219694 -202.265526 -1.029814
-206.343097 -7.708244 -611.201417
0.50000 -5.219694 -180.483887 -1.029814
-206.343097 -7.390483 -539.428791
0.75000 -5.219694 -159.649854 -1.029814
-206.343097 -7.350894 -467.640504
1.00000 -5.219694 -140.048780 -1.029814
-206.343097 -7.205952 -395.868159

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 3.008923 483.903179 6.497187
766.429491 91.051458 5694.709
0.25000 3.008923 506.999305 6.497187
761.512776 84.071369 5276.086
0.50000 3.008923 531.770736 6.497187
756.596061 77.489812 4817.674
0.75000 3.008923 557.973465 6.497187
751.679348 71.030777 4359.804
1.00000 3.008923 585.440679 6.497187
746.762631 65.649525 3803.993
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.795562 -230.498657 -4.681256
-567.220357 -2.568244 -909.967422
0.25000 -6.795562 -210.082674 -4.681256
-567.220357 -2.483898 -812.561562
0.50000 -6.795562 -190.259278 -4.681256
-567.220357 -43.849642 -715.018933
0.75000 -6.795562 -171.298992 -4.681256
-567.220357 -36.238140 -617.183567
1.00000 -6.795562 -153.461587 -4.681256
-567.220357 -36.328140 -520.070865

COMB DL-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.125721 145.931506 0.444864
46.673078 2.983544 1493.304
0.25000 1.125721 146.225541 0.444864
45.847180 2.770301 1327.200
0.50000 1.125721 146.543826 0.444864
45.042046 2.575886 1160.986
0.75000 1.125721 146.882613 0.444864
44.268697 2.421139 999.249
1.00000 1.125721 147.240010 0.444864
43.539967 2.407574 827.287082

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -2.591535 -34.857810 -5.734968
-558.981490 -69.988237 -349.596561
0.25000 -2.591535 -34.584811 -5.734968
-559.072859 -63.581731 -304.5143950
0.50000 -2.591535 -34.208988 -5.734968
-560.034777 -57.194109 -273.601714
0.75000 -2.591535 -34.068934 -5.734968
-560.658395 -51.067777 -235.683647
1.00000 -2.591535 -33.883193 -5.734968
-561.335705 -45.278422 -197.707726

COMB DL-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.899841 304.577366 0.997548
171.912400 9.541080 3284.666
0.25000 1.899841 304.584386 0.997548
171.892343 8.798590 2946.330
0.50000 1.899841 304.591387 0.997548
171.872793 8.120206 2609.547
0.75000 1.899841 304.600079 0.997548
171.854007 7.936638 2282.359
1.00000 1.899841 304.606619 0.997548
171.836319 7.919011 1974.798

COMB DL-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.689808 -73.401493 -7.073058
-786.606595 -84.438362 -98.983510
0.25000 -4.689808 -73.394962 -7.073058
-786.620688 -76.590117 -59.258486
0.50000 -4.689808 -73.388661 -7.073058
-786.634485 -68.819726 -51.308261
0.75000 -4.689808 -73.382627 -7.073058
-786.649784 -61.552031 -44.408048
1.00000 -4.689808 -73.376991 -7.073058
-786.666389 -54.704752 -37.0.660300

COMB DL-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 2.858830 457.848372 4.491590
625.017697 61.189388 5203.531
0.25000 2.858830 474.349574 4.491590
591.427456 56.531987 4784.097
0.50000 2.858830 494.585658 4.491590
556.472576 52.080614 4333.541
0.75000 2.858830 519.853717 4.491590
521.662863 48.364321 3857.737
1.00000 2.858830 536.436409 4.491590
489.002966 44.971607 3365.860
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.643892 -197.895432 -6.732037
-752.390336 -70.078278 -98.983510
0.25000 -6.643892 -181.760392 -6.732037
-752.383259 -71.898351 -809.100180
0.50000 -6.643892 -166.121510 -6.732037
-752.376284 -73.655377 -629.142424
0.75000 -6.643892 -151.182109 -6.732037
-759.455881 -58.330443 -616.127239
1.00000 -6.643892 -137.161027 -6.732037
-763.870150 -52.255178 -519.570905

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.00000 1.583340 469.391918 6.629412
712.819158 92.572286 5048.295
0.25000 1.583340 494.278695 6.629412
712.326823 85.201518 5047.068
0.50000 1.583340 520.857087 6.629412
712.326823 78.439094 4646.219
0.75000 1.583340 546.676225 6.629412
712.326823 72.331842 4211.613
1.00000 1.583340 578.295451 6.629412
712.326823 66.806158 3747.643

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.111740 -251.139384 -6.925619
-650.370529 -84.475869 -689.332761
0.25000 -4.111740 -247.564905 -6.925619
-650.389238 -77.084346 -617.988287
0.50000 -4.111740 -185.895328 -6.925619
-650.413385 -70.077709 -551.804414
0.75000 -4.111740 -156.857830 -6.925619
-650.445121 -63.508769 -489.176241
1.00000 -4.111740 -129.196777 -6.925619
-650.482209 -57.596745 -394.380668

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.00000 3.008923 483.903179 6.865038
817.641248 98.458646 5694.709
0.25000 3.008923 506.999305 6.865038
812.599596 90.901713 5276.086
0.50000 3.008923 531.770736 6.865038
807.557945 83.187179 4817.674
0.75000 3.008923 557.973465 6.865038
802.516293 76.951037 4359.804
1.00000 3.008923 585.440679 6.865038
797.474642 70.583194 3803.993

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.795562 -230.498657 -4.681256
-567.220357 -84.438362 -909.967622
0.25000 -6.795562 -210.082674 -4.681256
-567.220357 -76.590117 -812.502442
0.50000 -6.795562 -190.259278 -4.681256
-567.220357 -68.819726 -715.018933
0.75000 -6.795562 -171.298992 -4.681256
-567.220357 -61.552031 -617.183567
1.00000 -6.795562 -153.461587 -4.681256
-567.220357 -54.704752 -520.070865

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 3.008923 483.903179 6.865038
817.641248 98.458646 5694.709
0.25000 3.008923 506.999305 6.865038
812.599596 90.901713 5276.086
0.50000 3.008923 531.770736 6.865038
807.557945 83.187179 4817.674

0.75000 3.008923 557.973465 6.865038
802.516293 76.951037 4323.804
1.00000 3.008923 585.440679 6.865038
797.474642 70.583194 3803.993
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.795562 -251.139384 -7.073058
-786.608595 -84.475869 -909.967622
0.25000 -6.795562 -217.564905 -7.073058
-786.620688 -77.084346 -812.502442
0.50000 -6.795562 -190.259278 -7.073058
-786.634485 -70.077709 -715.018933
0.75000 -6.795562 -171.298992 -7.073058
-786.649784 -63.508769 -617.183567
1.00000 -6.795562 -153.461587 -7.073058
-786.666389 -57.596745 -520.070865

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 3.008923 483.903179 6.865038
817.641248 98.458646 5694.709
0.25000 3.008923 506.999305 6.865038
812.599596 90.901713 5276.086
0.50000 3.008923 531.770736 6.865038
807.557945 83.187179 4817.674
0.75000 3.008923 557.973465 6.865038
802.516293 76.951037 4323.804
1.00000 3.008923 585.440679 6.865038
797.474642 70.583194 3803.993

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.795562 -251.139384 -7.073058
-786.608595 -84.475869 -909.967622
0.25000 -6.795562 -217.564905 -7.073058
-786.620688 -77.084346 -812.502442
0.50000 -6.795562 -190.259278 -7.073058
-786.634485 -70.077709 -715.018933
0.75000 -6.795562 -171.298992 -7.073058
-786.649784 -63.508769 -617.183567
1.00000 -6.795562 -153.461587 -7.073058
-786.666389 -57.596745 -520.070865

ELEM 52 ----- LENGTH

5.048477

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.563586 317.748916 8.399984
508.513127 54.291283 2143.918
0.25000 0.563586 343.842945 8.399984
508.513127 43.891275 1873.419
0.50000 0.563586 371.639593 8.399984
508.513127 33.105265 1545.362
0.75000 0.563586 401.558764 8.399984
508.513127 22.919676 1167.670
1.00000 0.563586 433.019621 8.399984
508.513127 11.942395 685.063827

COMB DB-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -1.251334 -107.664671 -0.272707
-43.949772 -1.509010 -167.042294
0.25000 -1.251334 -78.300923 -0.272707
-43.949772 -1.470505 -101.019083
0.50000 -1.251334 -50.075751 -0.272707
-43.949772 -1.566331 -104.995873
0.75000 -1.251334 -34.826274 -0.272707
-43.949772 -1.439717 -73.985052
1.00000 -1.251334 -24.580225 -0.272707
-43.949772 -1.830080 -43.000601

COMB DB-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.915524 615.986968 9.989878
685.485263 64.871587 3423.470
0.25000 0.915524 544.616418 9.989878
685.485263 52.760013 2938.340
0.50000 0.915524 579.259282 9.989878
685.485263 40.702685 2380.030
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.75000 0.915524 615.986968 9.989878
685.485263 64.871587 3423.470
0.25000 0.915524 544.616418 9.989878
685.485263 52.760013 29

REL DIST P M2 V2 V3
0.00000 2.159757 606.471977 9.318428
782.007850 62.023475 3803.501
0.25000 2.159757 634.612382 9.318428
777.092103 51.759233 3183.740
0.50000 2.159757 664.942207 9.318428
772.176355 41.481248 2515.835
767.250607 2.159757 697.280995 9.318428
767.250607 2.159757 697.280995 9.318428
1.00000 2.159757 731.390318 9.318428
762.344935 22.474129 1054.705

COMB DL-G1-3 MIN
REL DIST P M2 V2 V3
0.00000 -4.980029 -165.761413 -0.554254
-568.345575 -55.581878 -519.949493
0.25000 -4.980029 -146.377204 -0.554254
-568.345575 -28.524681 -421.381250
0.50000 -4.980029 -127.467915 -0.554254
-568.345575 -21.657192 -322.881076
0.75000 -4.980029 -109.415908 -0.554254
-568.345575 -15.099562 -224.454512
1.00000 -4.980029 -92.504920 -0.554254
-568.345575 -9.274979 -126.019384

COMB DL-G2-1 MAX
REL DIST P M2 V2 V3
0.00000 0.805323 153.437586 0.436503
40.073393 1.912963 829.919330 0.436503
0.25000 0.805323 153.784948 0.436503
39.181284 1.862847 654.292619 0.436503
0.50000 0.805323 154.119161 0.436503
38.308287 2.010708 440.062541 0.436503
0.75000 0.805323 154.565780 0.436503
37.467793 2.516267 301.231038 0.436503
1.00000 0.805323 154.983699 0.436503
36.673058 3.918024 123.924109

COMB DL-G2-1 MIN
REL DIST P M2 V2 V3
0.00000 -1.900268 -33.195198 -0.465545
-595.489005 -1.647274 -519.949493
0.25000 -1.900268 -32.96351 -0.465545
-596.026893 -35.759617 -160.000799
0.50000 -1.900268 -32.666090 -0.465545
-596.673751 -25.621033 -122.262221
0.75000 -1.900268 -32.417983 -0.465545
-597.399052 -15.837326 -84.510661
1.00000 -1.900268 -32.186667 -0.465545
-598.193494 -16.175077 -48.484147
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 MAX
REL DIST P M2 V2 V3
0.00000 1.363557 347.700558 0.924544
140.493243 6.131133 1978.1937 0.924544
0.25000 1.363557 347.700839 0.924544
140.471595 6.075937 1582.499 0.924544
0.50000 1.363557 347.717861 0.924544
140.450420 6.249810 1198.885 0.924544
0.75000 1.363557 347.727464 0.924544
140.430033 6.932818 797.431027 0.924544
1.00000 1.363557 347.737675 0.924544
140.410760 8.589888 426.115582

COMB DL-G2-2 MIN
REL DIST P M2 V2 V3
0.00000 -3.447047 -61.173234 -0.305327
-811.647274 -55.439276 -519.949493
0.25000 -3.447047 -61.165796 -0.305327
-811.660957 -43.177238 -298.750531
0.50000 -3.447047 -61.160565 -0.305327
-811.676753 -32.525033 -224.700593
0.75000 -3.447047 -61.154626 -0.305327
-811.694445 -19.514127 -154.686307
1.00000 -3.447047 -61.149089 -0.305327
-811.713803 -8.896663 -82.674640

COMB DL-G2-3 MAX
REL DIST P M2 V2 V3
0.00000 2.051611 553.083974 6.246205
600.858316 41.729747 3367.289 6.246205
0.25000 2.051611 574.221216 6.246205
562.882714 35.260457 292.782 6.246205
0.50000 2.051611 597.775607 6.246205
523.081532 29.038806 2181.066 6.246205
0.75000 2.051611 622.232220 6.246205
489.338520 23.320294 1535.995 6.246205
1.00000 2.051611 648.797779 6.246205
480.315909 18.482658 867.465487

COMB DL-G2-3 MIN
REL DIST P M2 V2 V3
0.00000 -4.872580 -149.155799 -0.664132
-769.155971 -52.264089 -519.949493
0.25000 -4.872580 -133.585380 -0.664132
-769.138892 -41.153632 -421.381250
0.50000 -4.872580 -118.457578 -0.664132
-769.934292 -30.306338 -322.089955
0.75000 -4.872580 -104.000955 -0.664132
-739.541368 -19.964017 -89.200593
1.00000 -4.872580 -90.507635 -0.664132
-832.622376 -10.696021 -126.434258

COMB DB G1-1 MAX
REL DIST P M2 V2 V3
0.00000 1.131259 569.923029 9.989878
685.485263 64.871587 347.727464 9.989878
0.25000 1.131259 598.893996 9.989878
685.485263 52.760113 317.3450 9.989878
0.50000 1.131259 630.181734 9.989878
685.485263 40.702685 2536.278 9.989878
0.75000 1.131259 665.651013 9.989878
685.485263 28.658497 1835.804 9.989878
1.00000 1.131259 699.248703 9.989878
685.485263 17.362939 1076.631

COMB DB G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -3.019352 -154.944504 -0.418259
-663.905083 -58.669028 -394.278583
0.25000 -3.019352 -121.619895 -0.418259
-663.926740 -45.557613 -319.324260
0.50000 -3.019352 -99.020869 -0.418259
-663.950992 -32.522503 -244.370275
0.75000 -3.019352 -71.905490 -0.418259
-663.980808 -19.709471 -69.448219
1.00000 -3.019352 -59.387616 -0.418259
-678.245900 -7.906882 -29.544965
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL G1-1 MAX
REL DIST P M2 V2 V3
0.00000 0.530190 711.239935 6.847934
448.118592 13.629783 1077.139 6.847934
0.25000 0.530190 720.497495 6.847934

REL DIST P M2 V2 V3
0.00000 2.159757 606.471977 9.912222
832.180913 67.144636 3803.501
0.25000 2.159757 634.612382 9.912222
827.140253 55.520042 3183.740
0.50000 2.159757 664.942207 9.912222
822.099593 44.004462 2515.835
0.75000 2.159757 697.280995 9.912222
817.058934 32.579002 1835.804
1.00000 2.159757 731.390318 9.912222
812.018352 22.474129 1054.705

COMB DL G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -4.980029 -165.761413 -0.305327
-811.647274 -55.439276 -519.949493
0.25000 -4.980029 -146.377204 -0.305327
-811.660957 -43.177238 -298.750531
0.50000 -4.980029 -127.467915 -0.305327
-811.676753 -31.160056 -323.088953
0.75000 -4.980029 -109.415908 -0.305327
-811.694445 -19.564017 -224.700593
1.00000 -4.980029 -92.504920 -0.305327
-832.622376 -10.696021 -126.434258

COMB CAR G1-1 MAX
REL DIST P M2 V2 V3
0.00000 2.159757 606.471977 9.912222
832.180913 67.144636 3803.501
0.25000 2.159757 634.612382 9.912222
827.140253 55.520042 3183.740
0.50000 2.159757 664.942207 9.912222
822.099593 44.004462 2536.278
0.75000 2.159757 697.280995 9.912222
817.058934 32.579002 1835.804
1.00000 2.159757 731.390318 9.912222
812.018352 22.474129 1076.631

COMB CAR G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -4.980029 -165.761413 -0.418259
-811.647274 -55.439276 -519.949493
0.25000 -4.980029 -146.377204 -0.418259
-811.660957 -45.557613 -421.381250
0.50000 -4.980029 -127.467915 -0.418259
-811.676753 -32.525033 -224.700593
0.75000 -4.980029 -109.415908 -0.418259
-811.694445 -19.564017 -224.700593
1.00000 -4.980029 -92.504920 -0.418259
-832.622376 -10.696021 -126.434258

COMB DESIGN G1-1 MAX
REL DIST P M2 V2 V3
0.00000 2.159757 606.471977 9.912222
832.180913 67.144636 3803.501
0.25000 2.159757 634.612382 9.912222
827.140253 55.520042 3183.740
0.50000 2.159757 664.942207 9.912222
822.099593 44.004462 2536.278
0.75000 2.159757 697.280995 9.912222
817.058934 32.579002 1835.804
1.00000 2.159757 731.390318 9.912222
812.018352 22.474129 1076.631

COMB DESIGN G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -4.980029 -165.761413 -0.418259
-811.647274 -55.439276 -519.949493
0.25000 -4.980029 -146.377204 -0.418259
-811.660957 -45.557613 -421.381250
0.50000 -4.980029 -127.467915 -0.418259
-811.676753 -32.525033 -224.700593
0.75000 -4.980029 -109.415908 -0.418259
-811.694445 -19.564017 -224.700593
1.00000 -4.980029 -92.504920 -0.418259
-832.622376 -10.696021 -126.434258
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ELEM 53 ===== LENGTH = 1.514837
COMB DB-G1-1 MAX
REL DIST P M2 V2 V3
0.00000 0.264034 451.769617 6.035305
319.123220 10.459216 684.416144 6.035305
0.25000 0.264034 459.896993 6.035305
319.123220 8.181736 522.350928 6.035305
0.50000 0.264034 468.308308 6.035305
319.123220 5.916027 354.754230 6.035305
0.75000 0.264034 476.823401 6.035305
319.123220 3.656242 283.360288 6.035305
1.00000 0.264034 485.366200 6.035305
319.123220 1.585197 0.108879

COMB DB-G1-1 MIN
REL DIST P M2 V2 V3
0.00000 -0.583762 -28.356028 -0.246622
-26.372137 -1.065703 -42.934843 -0.246622
0.25000 -0.583762 -28.356028 -0.246622
-26.372137 0.972211 -35.196156 -0.246622
0.50000 -0.583762 -28.356028 -0.246622
-26.372137 -0.878915 -21.457469 -0.246622
0.75000 -0.583762 -28.356028 -0.246622
-26.372137 0.795104 -10.718876 -0.246622
1.00000 -0.583762 -28.356028 -0.246622
-26.372137 -0.719111 -0.046834

COMB DB-G1-2 MAX
REL DIST P M2 V2 V3
0.00000 0.429245 703.722288 7.339028
485.958647 13.722254 1065.934 7.339028
0.25000 0.429245 713.918205 7.339028
485.958647 10.957371 811.012490 7.339028
0.50000 0.429245 724.069057 7.339028
485.958647 8.189806 548.639557 7.339028
0.75000 0.429245 735.177847 7.339028
485.958647 5.446832 378.162429 7.339028
1.00000 0.429245 745.915292 7.339028
485.958647 2.919603 0.187943

COMB DB-G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -1.074235 -49.381172 -0.498769
-152.020245 -1.741699 -27.61880 0.498769
0.25000 -1.074235 -49.381172 -0.498769
-152.020245 -1.575368 -56.060578 0.498769
0.50000 -1.074235 -49.381172 -0.498769
-152.020245 -1.411739 -63.5476 0.498769
0.75000 -1.074235 -49.381172 -0.498769
-152.020245 -1.276757 -18.658374 0.498769
1.00000 -1.074235 -49.381172 -0.498769
-152.020245 -1.169324 -0.174553

COMB DB-G1-3 MAX
REL DIST P M2 V2 V3
0.00000 0.530190 711.239935 6.847934
448.118592 13.629783 1077.139 6.847934
0.25000 0.530190 720.497495 6.847934

448.118592 11.066923 818.304592 6.847934
0.50000 0.530190 730.088933 6.847934
448.118592 8.524509 552.704519 6.847934
0.75000 0.530190 739.801441 6.847934
448.118592 6.018607 279.885510 6.847934
1.00000 0.530190 749.551410 6.847934
448.118592 3.858012 0.189654

COMB DB-G1-3 MIN
REL DIST P M2 V2 V3
0.00000 -1.417853 -62.449021 -3.916983
-340.284850 -5.952932 -94.537873 -3.916983
0.25000 -1.417853 -62.449021 -3.916983
-340.284850 -4.490162 -70.887857 -3.916983
0.50000 -1.417853 -62.449021 -3.916983
-340.284850 -3.032420 -47.237841 -3.916983
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REL DIST P M2 V2 V3
0.75000 -1.417853 -62.449021 -3.916983
-340.284850 -1.611075 -23.587825 -3.916983
1.00000 -1.417853 -62.449021 -3.916983
-340.284850 -1.444207 -0.359526
COMB DB-G2-1 MAX
REL DIST P M2 V2 V3
0.00000 0.223980 71.237231 0.211493
21.009832 1.262547 107.648895 0.211493
0.25000 0.223980 71.237231 0.211493
20.594853 0.223980 80.808684 0.211493
0.50000 0.223980 71.237231 0.211493
20.531866 1.220044 53.880108 0.211493
0.75000 0.223980 71.237231 0.211493
20.284644 1.234664 26.856314 0.211493
1.00000 0.223980 71.237231 0.211493
20.032517 1.242874 0.036869

COMB DB-G2-1 MIN
REL DIST P M2 V2 V3
0.00000 -0.522162 -20.921433 -5.098741
-295.972399 -6.855067 -31.276946 -5.098741
0.25000 -0.522162 -20.921433 -5.098741
-295.95935 -6.855067 -31.276946 -5.098741
0.50000 -0.522162 -20.921433 -5.098741
-296.544233 -3.018934 -15.624874 -5.098741
0.75000 -0.522162 -20.921433 -5.098741
-296.842074 -1.398647 -7.798838 -5.098741
1.00000 -0.522162 -20.921433 -5.098741
-297.142886 -0.610008 -0.267027

COMB DB-G2-2 MAX
REL DIST P M2 V2 V3
0.00000 0.378054 259.345034 0.621045
143.187812 3.229543 392.432653 0.621045
0.25000 0.378054 259.345034 0.621045
143.179936 3.032520 394.221434 0.621045
0.50000 0.378054 259.345034 0.621045
143.170083 2.836913 196.006933 0.621045
0.75000 0.378054 259.345034 0.621045
143.160914 2.694772 97.789994 0.621045
1.00000 0.378054 259.345034 0.621045
143.151563 2.577693 0.117396

COMB DB-G2-2 MIN
REL DIST P M2 V2 V3
0.00000 -1.018373 -41.213355 -6.206034
-466.421915 -8.390197 -62.365133 -6.206034
0.25000 -1.018373 -41.210773 -6.206034
-466.432245 -6.071839 -46.760802 -6.206034
0.50000 -1.018373 -41.207968 -6.206034
-466.443121 -3.755558 -31.156471 -6.206034
0.75000 -1.018373 -41.205132 -6.206034
-466.454168 -1.496638 -15.552249 -6.206034
1.00000 -1.018373 -41.203308 -6.206034
-466.465324 -0.898664 -0.444777

COMB DB-G2-3 MAX
REL DIST P M2 V2 V3
0.00000 0.520407 579.156081 4.599093
366.32675 10.173245 1076.909616 4.599093
0.25000 0.520407 586.469910 4.599093
355.033886 8.470486 665.881117 4.599093
0.50000 0.520407 594.058275 4.599093
343.937758 6.779311 449.520682 4.599093
0.75000 0.520407 601.745907 4.599093
331.538060 5.131584 227.450199 4.599093
1.00000 0.520407 609.471542 4.599093
319.447045 3.513767 0.147204

COMB DB-G2-3 MIN
REL DIST P M2 V2 V3
0.00000 -1.400574 -63.127041 -5.728787
-450.054253 -8.231818 -90.469687 -5.728787
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REL DIST P M2 V2 V3
0.25000 -1.400574 -59.765558 -5.728787
-459.205348 -6.098733 -67.835923 -5.728787
0.50000 -1.400574 -59.765558 -5.728787
-468.601407 -3.967585 -45.2021

REL DIST P M2 V2 V3
0.00000 0.530190 711.239935 7.339028
485.958647 13.722254 1077.139
0.25000 0.530190 720.497495 7.339028
485.958647 11.066923 618.304592
0.50000 0.530190 730.088933 7.339028
485.958647 8.524509 552.704519
0.75000 0.530190 739.801441 7.339028
485.958647 6.012810 279.241948
1.00000 0.530190 749.551140 7.339028
485.958647 3.858012 0.189654

COMB DB ----- MIN
REL DIST P M2 M3 V3
0.00000 -1.417853 -63.127041 -6.206034
-466.421915 -8.390197 -94.537873
0.25000 -1.417853 -62.449021 -6.206034
-466.432245 -6.098733 -78.697857
0.50000 -1.417853 -62.449021 -6.206034
-468.601407 -3.967585 -47.237841
0.75000 -1.417853 -62.449021 -6.206034
-478.159913 -1.888024 -23.587829
1.00000 -1.417853 -62.449021 -6.206034
-487.836538 -1.444207 -0.456249

COMB DL ----- MAX
REL DIST P M2 M3 V3
0.00000 1.012810 774.923599 7.659220
564.123752 16.289675 1054.725
0.25000 1.012810 785.034428 7.659220
562.611475 13.610383 797.868788
0.50000 1.012810 795.310777 7.659220
561.108978 10.963595 535.454663
0.75000 1.012810 805.768913 7.659220
559.796067 8.414703 270.403359
1.00000 1.012810 816.368526 7.659220
558.741351 6.363164 0.268831

COMB DL ----- MIN
REL DIST P M2 M3 V3
0.00000 -2.338265 -99.021082 -5.762189
-560.683319 -9.268858 -126.581192
0.25000 -2.338265 -95.033993 -5.762189
-560.688206 -7.253863 -94.894081
0.50000 -2.338265 -91.073714 -5.762189
-563.471244 -5.273919 -87.890928
0.75000 -2.338265 -87.890928 -5.762189
-572.645326 -3.411816 -31.596713
1.00000 -2.338265 -87.750224 -5.762189
-582.169445 -2.758876 -0.593577

COMB CAR ----- MAX
REL DIST P M2 M3 V3
0.00000 1.012810 774.923599 7.659220
564.123752 16.289675 1077.139
0.25000 1.012810 785.034428 7.659220
562.611475 13.610383 818.304592
0.50000 1.012810 795.310777 7.659220
561.108978 10.963595 552.704519
0.75000 1.012810 805.768913 7.659220
559.796067 8.414703 279.885510
1.00000 1.012810 816.368526 7.659220
558.741351 6.363164 0.268831
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FRAME ELEMENT INTERNAL FORCES
COMB CAR ----- MIN
REL DIST P M2 M3 V3
0.00000 -2.338265 -99.021082 -6.206034
-560.683319 -9.268858 -126.581192
0.25000 -2.338265 -95.033993 -6.206034
-560.688206 -7.253863 -94.894081
0.50000 -2.338265 -91.073714 -6.206034
-563.471244 -5.273919 -87.890928
0.75000 -2.338265 -87.890928 -6.206034
-572.645326 -3.411816 -31.596713
1.00000 -2.338265 -87.750224 -6.206034
-582.169445 -2.758876 -0.593577

COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 1.012810 774.923599 7.659220
564.123752 16.289675 1077.139
0.25000 1.012810 785.034428 7.659220
562.611475 13.610383 818.304592
0.50000 1.012810 795.310777 7.659220
561.108978 10.963595 552.704519
0.75000 1.012810 805.768913 7.659220
559.796067 8.414703 279.885510
1.00000 1.012810 816.368526 7.659220
558.741351 6.363164 0.268831

COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -2.338265 -99.021082 -6.206034
-560.683319 -9.268858 -126.581192
0.25000 -2.338265 -95.033993 -6.206034
-560.688206 -7.253863 -94.894081
0.50000 -2.338265 -91.073714 -6.206034
-563.471244 -5.273919 -87.890928
0.75000 -2.338265 -87.890928 -6.206034
-572.645326 -3.411816 -31.596713
1.00000 -2.338265 -87.750224 -6.206034
-582.169445 -2.758876 -0.593577

ELEM 54 ===== LENGTH
= 4.511516

COMB DB-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.276321 27.547583 7.492870
38.195976 0.852258 0.721889
0.25000 0.276321 27.551971 7.492870
39.094065 0.731758 108.309617
0.50000 0.276321 27.551971 7.492870
39.914814 0.498499 51.845118
0.75000 0.276321 28.126867 7.492870
40.666988 0.814401 320.061362
1.00000 0.276321 28.060119 7.492870
44.428988 1.132277 424.406272

COMB DB-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.157258 -95.954763 -0.282209
-35.1418506 -16.240955 82.180904
0.25000 -0.157258 -95.939677 -0.282209
-350.291397 -7.800729 -31.120562
0.50000 -0.157258 -94.874293 -0.282209
-349.284673 -16.240955 82.180904
0.75000 -0.157258 -94.380300 -0.282209
-348.358319 -24.688225 -93.961246
1.00000 -0.157258 -93.912612 -0.282209
-347.766579 -33.139276 -124.331588

COMB DB-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.523377 51.847199 9.232134
182.604528 1.651964 0.955423
0.25000 0.523377 51.847199 9.232134

185.057276 1.215724 298.894763
0.50000 0.523377 52.549388 9.232134
181.298518 2.644177 593.624248
Program File:상행S11-S1503.OUT

COMB DB-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 0.523377 53.428756 9.232134
189.350454 4.127358 885.365820
1.00000 0.523377 55.000102 9.232134
199.388209 5.613613 1174.386

COMB DB-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 -0.246559 -265.723872 -1.318204
-494.502286 -0.811215 -0.425352
0.25000 -0.246559 -264.179737 -1.318204
-491.427550 -9.431177 -58.497301
0.50000 -0.246559 -262.749457 -1.318204
-498.675506 -1.1926248 -116.974670
0.75000 -0.246559 -261.989118 -1.318204
-486.255781 -30.041983 -175.452040
1.00000 -0.246559 -260.105650 -1.318204
-484.640882 -40.454713 -233.929409

COMB DB-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 0.717469 72.187174 8.562087
359.179483 2.266659 0.976399
0.25000 0.717469 72.187174 8.562087
359.627005 7.341980 677.113553
0.50000 0.717469 72.187174 8.562087
390.770176 14.111906 1293.2224
0.75000 0.717469 72.187174 8.562087
418.570035 20.937680 1853.621
1.00000 0.717469 112.704587 8.562087
442.616861 27.764182 2362.364

COMB DB-G2-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.389220 -627.932411 -6.052735
-501.427093 -1.254629 -0.892408
0.25000 -0.389220 -599.688892 -6.052735
-475.02841 -6.941909 -32.214304
0.50000 -0.389220 -573.014885 -6.052735
-451.008856 -18.273502 -162.795904
0.75000 -0.389220 -547.655112 -6.052735
-451.008856 -27.624922 -244.214304
1.00000 -0.389220 -523.745024 -6.052735
-451.008856 -37.467763 -325.632704

COMB DB-G2-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.288566 30.522339 0.409692
363.417561 0.898217 0.088775
0.25000 0.288566 30.522339 0.409692
363.417561 9.154587 500.662384
0.50000 0.288566 30.522339 0.409692
363.417561 17.554092 939.652599
0.75000 0.288566 37.108011 0.409692
363.417561 25.954817 1321.153
1.00000 0.288566 49.133993 0.409692
363.417561 34.355745 1650.583

COMB DB-G2-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.222713 -472.845772 -7.448509
-65.608633 -0.728325 -0.871251
0.25000 -0.222713 -444.364366 -7.448509
-65.608633 -0.708829 -34.360464
0.50000 -0.222713 -416.822264 -7.448509
-65.608633 -0.222713 -65.785971
0.75000 -0.222713 -390.648758 -7.448509
-65.608633 -1.419996 -103.211477
1.00000 -0.222713 -369.017904 -7.448509
-73.120203 -1.869519 -137.636984

COMB DB-G2-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.546694 56.197543 0.674927
528.930200 11.662231 783.767914
0.25000 0.546694 56.197543 0.674927
528.930200 22.366408 488.67907
0.50000 0.546694 56.197543 0.674927
528.930200 33.083399 210.85.804
0.75000 0.546694 56.197543 0.674927
528.930200 43.800808 2657.214

COMB DB-G2-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.334283 -734.167188 -9.505894
-107.240985 -1.118043 -303584
0.25000 -0.334283 -695.220291 -9.505894
-107.240985 -1.211708 -63.268216
0.50000 -0.334283 -657.946003 -9.505894
-107.240985 -1.789370 26.652246
0.75000 -0.334283 -622.517691 -9.505894
-107.240985 -2.472364 -190.036277
1.00000 -0.334283 -589.129572 -9.505894
-107.240985 -3.223982 -253.420307

COMB DB-G2-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.724354 73.527269 5.698000
513.157342 2.288529 0.665143
0.25000 0.724354 73.527269 5.698000
513.157342 10.836553 808.697907
0.50000 0.724354 73.527269 5.698000
513.157342 20.759663 1541.679
0.75000 0.724354 88.40423 5.698000
513.157342 30.808286 2204.805
1.00000 0.724354 108.821548 5.698000
513.157342 40.859723 2804.475

COMB DB-G2-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.407910 -751.836720 -8.915761
-338.407588 -1.319812 -1.268031
0.25000 -0.407910 -716.880911 -8.915761
-338.407588 -2.228802 -82.848545
0.50000 -0.407910 -683.423238 -8.915761
-338.407588 -12.485290 -165.775553
0.75000 -0.407910 -651.622470 -8.915761
-338.407588 -18.839670 -244.512661
1.00000 -0.407910 -621.653487 -8.915761
-338.407588 -25.257491 -331.635072

COMB DL-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.523377 51.847199 9.232134
182.604528 1.651964 0.955423
0.25000 0.523377 51.847199 9.232134

REL DIST P M2 M3 V3
0.00000 0.399333 39.213596 7.076703
47.010798 1.243704 0.799824
0.25000 0.399333 39.495505 7.076703
47.946728 0.413300 120.891865
0.50000 0.399333 39.801871 7.076703
48.917140 0.580539 240.222604
0.75000 0.399333 40.122707 7.076703
49.88775 0.829900 389.809698
1.00000 0.399333 40.453781 7.076703
50.910903 1.218258 476.674190

COMB DL-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.212844 -118.078191 -0.334158
-411.212865 -0.687637 -0.114827
0.25000 -0.212844 -117.517754 -0.334158
-410.364750 7.365476 -41.684067
0.50000 -0.212844 -116.95846 -0.334158
-409.590617 -15.183229 -83.285189
0.75000 -0.212844 -116.486028 -0.334158
-408.898132 -23.084910 124.889998
1.00000 -0.212844 -116.013359 -0.334158
-408.292880 -31.023287 -166.494620
Program File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.728504 73.392631 8.970949
182.964383 2.291958 1.084576
0.25000 0.728504 73.392631 8.970949
182.964383 7.174202 80.833570
0.50000 0.728504 74.524770 8.970949
186.613353 3.231451 609.191573
0.75000 0.728504 75.154354 8.970949
186.613353 9.170664 154.65518
1.00000 0.728504 75.803905 8.970949
190.430090 6.655846 1211.530

COMB DL-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.349110 -303.178739 -1.556860
-559.766125 -1.175140 -0.408676
0.25000 -0.349110 -302.069338 -1.556860
-558.142257 -9.051796 -77.854079
0.50000 -0.349110 -301.017930 -1.556860
-556.662064 -18.916890 -155.669693
0.75000 -0.349110 -300.026012 -1.556860
-555.339933 -28.973437 -233.489288
1.00000 -0.349110 -299.099299 -1.556860
-554.187410 -39.058444 -311.309599

COMB DL-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 1.090968 101.874738 8.420687
379.203912 3.431160 1.137230
0.25000 1.090968 108.123810 8.420687
393.043178 7.868174 612.804851
0.50000 1.090968 121.545955 8.420687
422.182826 12.203200 1188.330
0.75000 1.090968 135.611043 8.420687
452.771138 20.768430 1728.830
1.00000 1.090968 150.127868 8.420687
481.807589 27.380995 2234.881

COMB DL-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.571365 -639.252306 -9.985323
-573.435108 -1.571365 -1.931710
0.25000 -0.571365 -611.917494 -9.985323
-547.660519 -8.885513 -109.833763
0.50000 -0.571365 -585.881716 -9.985323
-547.660519 -18.916890 -155.669693
0.75000 -0.571365 -561.311770 -9.985323
-515.719223 -27.301542 -329.881732
1.00000 -0.571365 -538.244267 -9.985323
-515.712858 -36.656554 -439.949270

COMB DL-G2-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.548109 42.741344 0.531806
432.719901 1.071652 0.121189
0.25000 0.548109 42.741344 0.531806
432.719901 9.277450 418.197100
0.50000 0.548109 52.702091 0.531806
442.056234 17.032765 799.906568
0.75000 0.548109 65.090699 0.531806
442.056234 25.090699 1145.325
1.00000 0.548109 78.936749 0.531806
406.960591 32.810734 1455.971

COMB DL-G2-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.337690 -448.838623 -7.036603
-72.563728 -1.033666 -1.005466
0.25000 -0.337690 -420.158658 -7.036603
-72.563728 -1.890768 -83.365757
0.50000 -0.337690 -392.613687 -7.036603
-79.395519 -1.497164 -90.459189
0.75000 -0.337690 -366.405221 -7.036603
-84.04528 -1.890768 -83.365757
1.00000 -0.337690 -341.856939 -7.036603
-81.791339 -2.662463 -181.117764
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.924564 79.238550 1.050166
581.281120 2.898424 0.311084
0.25000 0.924564 80.935550 1.050166
581.444658 12.021065 671.132698
0.50000 0.924564 96.720125 1.050166
581.609653 21.846263 1292.489
0.75000 0.924564 117.081910 1.050166
581.774648 31.77468 1884.486
1.00000 0.924564 136.078046 1.050166
581.939645 41.835211 2389.270

COMB DL-G2-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.512551 -713.107939 -8.998777
-118.111585 -1.639328 -1.358726
0.25000 -0.512551 -674.606193 -8.998777
-118.110127 -3.839996 -25.335322
0.50000 -0.512551 -637.838353 -8.998777
-118.110127 -2.692648 -167.431965
0.75000 -0.512551 -602.960098 -8.998777
-118.110127 -3.839996 -25.335322
1.00000 -0.512551 -570.198784 -8.998777
-118.110127 -4.740659 -335.244270

= 5.012440

```
COMB DB-G1-1-----MAX
REL DIST      P      M2      V2      V3
0.00000      0.655369      31.115729      6.899748
53.237566      0.977293      426.130390
0.25000      0.655369      31.641331      6.899748
54.352985      1.226762      560.501510
0.50000      0.655369      32.112750      6.899748
55.457168      1.479493      694.424274      6.899748
0.75000      0.655369      32.676515      6.899748
56.533690      1.731978      828.110891
1.00000      0.655369      32.641126      6.899748
58.435588      1.985821      961.383947
```

```
COMB DB-G1-1-----MIN
REL DIST      P      M2      V2      V3
0.00000      0.373222      -111.409095      -0.205857
-413.174549      -32.387505      -1176.354      -0.205857
0.25000      0.373222      -110.834216      -0.205857
-411.927028      -39.932054      -106.99928      -0.205857
0.50000      0.373222      -110.317105      -0.205857
-410.861468      -47.958008      -291.461694      -0.205857
0.75000      0.373222      -109.827668      -0.205857
-409.867954      -56.110287      -239.953461      -0.205857
1.00000      0.373222      -109.368159      -0.205857
-409.171865      -64.435994      -278.445227
```

```
COMB DB-G1-2-----MAX
REL DIST      P      M2      V2      V3
0.00000      1.236769      56.894092
274.030083      1.236769      58.340548      3.897663
0.25000      1.236769      59.775546      3.897663
277.075030      64.75334      1427.852      3.897663
0.50000      1.236769      59.775546      3.897663
280.089813      1.236769      61.18951      3.897663
0.75000      1.236769      61.18951      3.897663
283.045796      8.984549      2002.124      3.897663
1.00000      1.236769      62.805316      3.897663
286.200452      10.240468      2297.947
```

```
COMB DB-G1-2-----MIN
REL DIST      P      M2      V2      V3
0.00000      -0.593870      -256.612849      -1.017703
-608.220695      -39.260747      -234.091857      -1.017703
0.25000      -0.593870      -255.032395      -1.017703
-604.821095      -48.425246      -304.030153      -1.017703
0.50000      -0.593870      -253.609163      -1.017703
-601.914995      -58.232887      -373.979470      -1.017703
0.75000      -0.593870      -250.974668      -1.017703
-599.206888      -68.201665      -443.928786      -1.017703
1.00000      -0.593870      -250.974668      -1.017703
-597.460186      -78.275924      -513.878103
```

```
COMB DB-G1-3-----MAX
REL DIST      P      M2      V2      V3
0.00000      1.648465      96.186490      7.775918
455.270095      28.200014      2364.615      7.775918
0.25000      1.648465      122.629078      7.775918
460.252788      28.200014      2364.615      7.775918
0.50000      1.648465      148.893477      7.775918
509.008073      40.399439      3303.578      7.775918
0.75000      1.648465      174.789172      7.775918
534.270479      50.214794      3824.043      7.775918
1.00000      1.648465      203.598987      7.775918
570.700496      53.022161      4093.637
```

```
COMB DB-G1-3-----MIN
REL DIST      P      M2      V2      V3
0.00000      -0.927097      -541.597178      -5.300046
-569.289753      -36.471645      -523.669002      -5.300046
0.25000      -0.927097      -513.612500      -5.300046
-560.230145      -44.270413      -418.650322      -5.300046
0.50000      -0.927097      -487.513591      -5.300046
-560.230145      -53.968895      -402.574904
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```

```
< MOVING Page LOAD 426 >
F R A M E E L E M E N T I N T E R N A
L F O R C E S
REL DIST      P      M2      V2      V3
0.75000      -0.927097      -462.809747      -5.300046
-560.230145      -53.239870      -405.299487      -5.300046
1.00000      -0.927097      -439.652755      -5.300046
-560.230145      -72.544507      -698.524069
```

```
COMB DB-G2-1-----MAX
REL DIST      P      M2      V2      V3
0.00000      0.615290      53.595857      0.298320
440.239419      35.096312      1649.424      0.298320
0.25000      0.615290      80.214763      0.298320
440.239419      42.508030      1951.166      0.298320
0.50000      0.615290      106.912324      0.298320
440.239419      50.291701      2195.652      0.298320
0.75000      0.615290      132.873021      0.298320
440.239419      58.268992      2367.350      0.298320
1.00000      0.615290      160.971146      0.298320
440.239419      66.350602      2532.072
```

```
COMB DB-G2-1-----MIN
REL DIST      P      M2      V2      V3
0.00000      -0.535364      -363.255620      -6.705149
-40.649126      -0.535364      -337.488157      -6.705149
0.25000      -0.535364      -336.202615      -6.705149
-40.649126      -0.535364      -309.801888      -6.705149
0.50000      -0.535364      -208.618121      -6.705149
-40.649126      -0.535364      -284.810342      -6.705149
0.75000      -0.535364      -292.99295      -6.705149
-40.649126      -0.535364      -261.451377      -6.705149
1.00000      -0.535364      -261.451377      -6.705149
-40.649126      -3.351449      -279.789473
```

```
COMB DB-G2-2-----MAX
REL DIST      P      M2      V2      V3
0.00000      1.210223      86.510713      0.535760
665.323516      1.210223      122.955745      0.535760
0.25000      1.210223      159.191729      0.535760
665.323516      1.210223      194.933791      0.535760
0.50000      1.210223      233.946515      0.535760
665.323516      1.210223      273.946515      0.535760
1.00000      1.210223      323.946515      0.535760
665.323516      1.210223      363.946515      0.535760
```

```
COMB DB-G2-2-----MIN
REL DIST      P      M2      V2      V3
0.00000      -0.809480      -580.034433      -8.457323
-156.204733      3.583190      -253.224682      -8.457323
0.25000      -0.809480      -580.034433      -8.457323
-156.204733      4.121167      -320.893600      -8.457323
0.50000      -0.809480      -506.274169      -8.457323
-156.204733      4.688802      -386.615379      -8.457323
0.75000      -0.809480      -472.145940      -8.457323
-156.204733      5.264223      -456.337159      -8.457323
1.00000      -0.809480      -440.187669      -8.457323
-156.204733      5.843332      -524.058938
```

```
COMB DB-G2-3-----MAX
REL DIST      P      M2      V2      V3
0.00000      1.210223      86.510713      0.535760
665.323516      1.210223      122.955745      0.535760
0.25000      1.210223      159.191729      0.535760
665.323516      1.210223      194.933791      0.535760
0.50000      1.210223      233.946515      0.535760
665.323516      1.210223      273.946515      0.535760
1.00000      1.210223      323.946515      0.535760
665.323516      1.210223      363.946515      0.535760
```

```
0.00000      1.638725      102.930217      5.064154
641.490640      41.483252      2804.273      5.064154
0.25000      1.638725      135.644393      5.064154
641.490640      50.304866      3304.278      5.064154
0.50000      1.638725      168.164665      5.064154
641.490640      59.580955      3831.965      5.064154
0.75000      1.638725      200.243671      5.064154
641.490640      68.982055      4276.826      5.064154
1.00000      1.638725      235.253521      5.064154
641.490640      78.485235      4666.194
```

```
COMB DB-G2-3-----MIN
REL DIST      P      M2      V2      V3
0.00000      -0.972335      -617.178111      -7.888957
-433.084206      -24.980909      -331.556887      -7.888957
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```

```
< MOVING Page LOAD 427 >
F R A M E E L E M E N T I N T E R N A
L F O R C E S
REL DIST      P      M2      V2      V3
0.25000      -0.972335      -583.343708      -7.888957
-433.084206      -30.433023      -423.937809      -7.888957
0.50000      -0.972335      -550.982488      -7.888957
-433.084206      -36.260483      -516.366206      -7.888957
0.75000      -0.972335      -520.351326      -7.888957
-433.084206      -42.211341      -608.794603      -7.888957
1.00000      -0.972335      -491.668311      -7.888957
-433.084206      -48.170150      -701.223000
```

```
COMB DL-G1-1-----MAX
REL DIST      P      M2      V2      V3
0.00000      0.952390      44.343598      6.754859
64.220379      1.201438      478.546807      6.754859
0.25000      0.952390      44.661313      6.754859
65.194276      1.402672      520.351326      6.754859
0.50000      0.952390      45.040440      6.754859
66.218438      1.651635      784.127733      6.754859
0.75000      0.952390      45.418755      6.754859
67.278179      1.921832      935.794614      6.754859
1.00000      0.952390      45.806017      6.754859
68.357670      2.195383      1087.128
```

```
COMB DL-G1-1-----MIN
REL DIST      P      M2      V2      V3
0.00000      -0.511015      -136.739509      -0.246200
-481.056310      -30.313370      -166.726044      -0.246200
0.25000      -0.511015      -136.260483      -0.246200
-480.161364      -36.263319      -217.934145      -0.246200
0.50000      -0.511015      -135.702082      -0.246200
-479.339108      -46.354502      -269.130453      -0.246200
0.75000      -0.511015      -135.230728      -0.246200
-478.600600      -56.617720      -320.336184      -0.246200
1.00000      -0.511015      -134.744663      -0.246200
-477.954924      -62.888079      -371.546514
```

```
COMB DL-G1-2-----MAX
REL DIST      P      M2      V2      V3
0.00000      1.697574      87.982537      8.429086
223.482140      2.448893      288.237772      8.429086
0.25000      1.697574      88.647699      8.429086
225.347083      7.824620      1498.188      8.429086
0.50000      1.697574      89.354979      8.429086
227.209774      9.247094      1802.748      8.429086
0.75000      1.697574      90.060228      8.429086
229.339629      10.690094      2121.572      8.429086
1.00000      1.697574      90.862433      8.429086
231.407574      12.160354      2423.393
```

```
COMB DL-G1-2-----MIN
REL DIST      P      M2      V2      V3
0.00000      -0.844195      -289.290198      -1.192395
-680.524768      -3.37701055      -289.290198      -1.192395
0.25000      -0.844195      -288.237772      -1.192395
-678.829677      -47.635143      -404.139624      -1.192395
0.50000      -0.844195      -287.241460      -1.192395
-677.273491      -58.232887      -481.424200      -1.192395
0.75000      -0.844195      -286.310185      -1.192395
-675.878861      -68.119692      -569.354940      -1.192395
1.00000      -0.844195      -285.447941      -1.192395
-674.664045      -78.457197      -662.004341
```

```
COMB DL-G1-3-----MAX
REL DIST      P      M2      V2      V3
0.00000      2.494785      145.155747      7.892043
451.257518      28.515524      2235.828      7.892043
0.25000      2.494785      169.681708      7.892043
481.183359      34.666494      2732.970      7.892043
0.50000      2.494785      177.168250      7.892043
512.762803      41.097884      3207.348      7.892043
0.75000      2.494785      184.659458      7.892043
543.857743      47.545768      3649.676      7.892043
1.00000      2.494785      212.236684      7.892043
573.434090      54.019838      4055.859
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```

```
< MOVING Page LOAD 428 >
F R A M E E L E M E N T I N T E R N A
L F O R C E S
REL DIST      P      M2      V2      V3
0.00000      1.361989      -538.574721      -5.406969
-656.575020      -35.948168      -440.164198      -5.406969
0.25000      1.361989      -513.353119      -5.406969
-634.500405      -45.085765      -562.546507      -5.406969
0.50000      1.361989      -489.406919      -5.406969
-632.442218      -54.338331      -694.920274      -5.406969
0.75000      1.361989      -468.903949      -5.406969
-632.429544      -63.958372      -807.274865      -5.406969
1.00000      1.361989      -446.013005      -5.406969
-632.424013      -73.499978      -929.771063
```

```
COMB DL-G2-1-----MAX
REL DIST      P      M2      V2      V3
0.00000      1.202650      77.619359      0.352822
505.438853      34.178362      1454.349      0.352822
0.25000      1.202650      92.806958      0.352822
495.720955      41.973743      1738.776      0.352822
0.50000      1.202650      108.951288      0.352822
486.003057      49.821155      1983.084      0.352822
0.75000      1.202650      126.926128      0.352822
476.285159      57.87148      2187.626      0.352822
1.00000      1.202650      143.150985      0.352822
466.567260      65.972900      2354.242
```

```
COMB DL-G2-1-----MIN
REL DIST      P      M2      V2      V3
0.00000      -0.778786      -326.820915      -6.579695
-64.128346      -1.313926      -180.923581      -6.579695
0.25000      -0.778786      -301.190613      -6.579695
-64.128346      -2.368175      -250.960505      -6.579695
0.50000      -0.778786      -276.730027      -6.579695
-64.128346      -3.699163      -275.192577      -6.579695
0.75000      -0.778786      -253.645212      -6.579695
-64.128346      -4.097530      -322.755992      -6.579695
1.00000      -0.778786      -232.116831      -6.579695
-64.128346      -4.487961      -369.289957
```

```
COMB DL-G2-2-----MAX
REL DIST      P      M2      V2      V3
0.00000      1.210223      86.510713      0.535760
665.323516      1.210223      122.955745      0.535760
0.25000      1.210223      159.191729      0.535760
665.323516      1.210223      194.933791      0.535760
0.50000      1.210223      233.946515      0.535760
665.323516      1.210223      273.946515      0.535760
1.00000      1.210223      323.946515      0.535760
665.323516      1.210223      363.946515      0.535760
```

```
COMB DL-G2-2-----MIN
REL DIST      P      M2      V2      V3
0.00000      -0.809480      -580.034433      -8.457323
-156.204733      3.583190      -253.224682      -8.457323
0.25000      -0.809480      -580.034433      -8.457323
-156.204733      4.121167      -320.893600      -8.457323
0.50000      -0.809480      -506.274169      -8.457323
-156.204733      4.688802      -386.615379      -8.457323
0.75000      -0.809480      -472.145940      -8.457323
-156.204733      5.264223      -456.337159      -8.457323
1.00000      -0.809480      -440.187669      -8.457323
-156.204733      5.843332      -524.058938
```

```
REL DIST      P      M2      V2      V3
0.00000      2.044741      132.688360      0.813209
677.197785      43.887895      2387.304      0.813209
0.25000      2.044741      153.702884      0.813209
677.381099      53.541721      2844.703      0.813209
0.50000      2.044741      176.005563      0.813209
677.564414      63.361328      3266.370      0.813209
0.75000      2.044741      199.330413      0.813209
677.747729      73.437361      3640.204      0.813209
1.00000      2.044741      223.356506      0.813209
677.931044      83.554703      3964.559
```

```
COMB DL-G2-2-----MIN
REL DIST      P      M2      V2      V3
0.00000      -1.202309      -536.179224      -8.308736
-170.449122      -5.582763      -334.973500      -8.308736
0.25000      -1.202309      -501.338881      -8.308736
-170.449122      -6.259498      -424.782738      -8.308736
0.50000      -1.202309      -468.159767      -8.308736
-170.449122      -6.971107      -514.530185      -8.308736
0.75000      -1.202309      -436.918266      -8.308736
-170.449122      -7.791814      -604.396178      -8.308736
1.00000      -1.202309      -407.622772      -8.308736
-170.449122      -8.657456      -694.062014
```

```
COMB DL-G2-3-----MAX
REL DIST      P      M2      V2      V3
0.00000      2.580874      154.789427      5.235199
671.233705      41.321884      2603.756      5.235199
0.25000      2.580874      173.713105      5.235199
671.422347      50.413111      3143.751      5.235199
0.50000      2.580874      193.796734      5.235199
671.610989      59.562180      3652.297      5.235199
0.75000      2.580874      214.800864      5.235199
671.799632      69.167217      4118.185      5.235199
1.00000      2.580874      236.436522      5.235199
671.988275      78.705295      4539.860
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```

```
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F R A M E E L E M E N T I N T E R N A
L F O R C E S
REL DIST      P      M2      V2      V3
0.00000      -1.441867      -597.169982      -8.308736
-477.094605      -25.274412      -437.572497      -8.308736
0.25000      -1.441867      -565.797161      -8.308736
-477.094605      -31.110369      -559.788175      -8.308736
0.50000      -1.441867      -535.920358      -8.308736
-477.094605      -37.204851      -681.953500      -8.308736
0.75000      -1.441867      -507
```

0.00000 1.725958 197.507713 1.898034
557.723067 84.880454 4205.091
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.25000 1.725958 230.754792 1.898034
557.723067 87.449576 4433.864
0.50000 1.725958 264.521084 1.898034
557.723067 90.645988 4636.577
0.75000 1.725958 298.503595 1.898034
557.723067 94.543011 4840.259
1.00000 1.725958 332.378966 1.898034
557.723067 99.239462 4931.069

COMB DB-G2-2----- MIN

REL DIST P M2 M3 V3
0.00000 -1.247795 -478.476187 -5.748789
-176.004703 -6.173010 -523.831713
0.25000 -1.247795 -445.823145 -5.748789
-176.004703 -6.714786 -505.207684
0.50000 -1.247795 -413.615864 -5.748789
-176.004703 -7.267985 -465.983658
0.75000 -1.247795 -383.184576 -5.748789
-176.004703 -7.826954 -425.059639
1.00000 -1.247795 -354.520281 -5.748789
-176.004703 -8.394747 -392.135620

COMB DB-G2-3----- MAX

REL DIST P M2 M3 V3
0.00000 2.347939 203.624437 4.788871
554.578960 78.842643 4665.795
0.25000 2.347939 233.462938 4.788871
554.578960 81.917064 4850.445
0.50000 2.347939 263.767937 4.788871
554.578960 84.752944 5026.174
0.75000 2.347939 294.266559 4.788871
554.578960 87.613132 5201.907
1.00000 2.347939 324.661997 4.788871
554.578960 93.201041 5640.816

COMB DB-G2-3----- MIN

REL DIST P M2 M3 V3
0.00000 -1.501790 -503.476793 -5.791446
-401.364485 -47.920391 -701.131888
0.25000 -1.501790 -473.882188 -5.791446
-401.364485 -49.599557 -793.616113
0.50000 -1.501790 -445.275125 -5.791446
-401.364485 -51.777667 -886.100338
0.75000 -1.501790 -417.965242 -5.791446
-401.364485 -54.359544 -978.598741
1.00000 -1.501790 -392.241974 -5.791446
-401.364485 -57.337507 -1071.102

COMB DL-G1-1----- MAX

REL DIST P M2 M3 V3
0.00000 1.408752 64.044754 4.280886
66.988746 2.183709 1088.889
0.25000 1.408752 46.392342 4.280886
66.866258 2.367943 1230.372
0.50000 1.408752 46.763150 4.280886
67.811906 1.408752 47.154708 4.280886
0.75000 1.408752 47.154708 4.280886
68.810353 2.781309 431.811
1.00000 1.408752 47.559452 4.280886
69.847748 3.003393 1545.456

COMB DL-G1-1----- MIN

REL DIST P M2 M3 V3
0.00000 -0.795184 -105.683759 -0.956625
-563.587004 -0.795184 -105.683759 -0.956625
0.25000 -0.795184 -105.217116 -0.956625
-362.715617 -0.6563009 -424.177993
0.50000 -0.795184 -104.728866 -0.956625
-361.899589 -0.6563009 -424.177993
0.75000 -0.795184 -104.353994 -0.956625
-361.124199 -0.7304887 -528.930063
1.00000 -0.795184 -103.964143 -0.956625
-360.431633 -77.003781 -581.308652
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2----- MAX

REL DIST P M2 M3 V3
0.00000 2.502535 104.632002 5.578480
227.840342 11.913648 2425.424
0.25000 2.502535 105.317389 5.578480
229.524313 13.169813 2614.664
0.50000 2.502535 106.046340 5.578480
231.329639 14.421225 2802.404
0.75000 2.502535 106.819950 5.578480
233.238272 15.742920 3004.208
1.00000 2.502535 107.617300 5.578480
235.217407 17.064911 3282.111

COMB DL-G1-2----- MIN

REL DIST P M2 M3 V3
0.00000 -1.309841 -222.247982 -1.880278
-567.166265 -77.352118 -622.263483
0.25000 -1.309841 -221.328307 -1.880278
-565.519992 -81.968149 -776.562593
0.50000 -1.309841 -220.452587 -1.880278
-563.961227 -86.812613 -930.658316
0.75000 -1.309841 -219.629623 -1.880278
-562.517310 -92.206023 -964.753902
1.00000 -1.309841 -218.857761 -1.880278
-561.216175 -97.901285 -1058.848

COMB DL-G1-3----- MAX

REL DIST P M2 M3 V3
0.00000 3.640993 194.080971 5.912445
396.568286 54.807487 4056.637
0.25000 3.640993 210.000000 5.912445
421.818898 57.803701 4372.940
0.50000 3.640993 227.492602 5.912445
449.338381 60.954543 4688.073
0.75000 3.640993 244.000000 5.912445
478.282050 64.000000 4940.232
1.00000 3.640993 264.233287 5.912445
506.688546 67.864228 5180.550

COMB DL-G1-3----- MIN

REL DIST P M2 M3 V3
0.00000 -2.096953 -424.801623 -4.499505
-569.031763 -72.941116 -929.927934
0.25000 -2.096953 -403.183114 -4.499505
-549.047701 -74.901193 -959.3107
0.50000 -2.096953 -382.546872 -4.499505
-532.733599 -81.762683 -1175.788
0.75000 -2.096953 -363.038072 -4.499505
-532.386474 -86.554518 -1298.426
1.00000 -2.096953 -344.832686 -4.499505
-532.387047 -91.913807 -1422.490

COMB DL-G2-1----- MAX

REL DIST P M2 M3 V3
0.00000 1.728120 121.668806 1.016525
394.060805 66.965446 2352.645
0.25000 1.728120 137.791839 1.016525
384.342542 69.901474 2513.954
0.50000 1.728120 154.888531 1.016525
374.624279 73.220747 2644.535
0.75000 1.728120 172.770616 1.016525
364.906016 76.892748 2736.807
1.00000 1.728120 191.062033 1.016525
355.187752 80.979845 2794.309

COMB DL-G2-1----- MIN

REL DIST P M2 M3 V3
0.00000 -1.185506 -258.706881 -4.095969
-60.506176 -4.850556 -369.074319
0.25000 -1.185506 -237.316753 -4.095969
-60.506176 -5.137162 -415.473106
0.50000 -1.185506 -216.820728 -4.095969
-60.506176 -5.450011 -462.381432
0.75000 -1.185506 -197.377615 -4.095969
-60.506176 -5.714668 -508.651627
1.00000 -1.185506 -179.198442 -4.095969
-60.506176 -6.089970 -555.312096
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2----- MAX

REL DIST P M2 M3 V3
0.00000 2.954597 201.340788 1.861374
545.544213 85.009239 3962.674
0.25000 2.954597 223.464518 1.861374
535.127535 88.050113 4225.282
0.50000 2.954597 246.948245 1.861374
525.010857 93.522202 4455.204
0.75000 2.954597 271.567510 1.861374
515.399225 98.394225 4640.232
1.00000 2.954597 296.812845 1.861374
506.277501 103.728714 4798.100

COMB DL-G2-2----- MIN

REL DIST P M2 M3 V3
0.00000 -1.834990 -425.213737 -5.451601
-191.484657 -9.336242 -693.745342
0.25000 -1.834990 -395.794717 -5.451601
-191.484657 -9.997960 -763.059153
0.50000 -1.834990 -367.651525 -5.451601
-191.484657 -10.758220 -872.956036
0.75000 -1.834990 -340.992420 -5.451601
-191.484657 -11.568591 -962.135744
1.00000 -1.834990 -316.074002 -5.451601
-191.484657 -12.400773 -1051.326

COMB DL-G2-3----- MAX

REL DIST P M2 M3 V3
0.00000 3.747300 217.497316 4.525361
550.180361 79.073263 4539.312
0.25000 3.747300 237.420191 4.525361
550.369010 83.883638 4867.597
0.50000 3.747300 258.567104 4.525361
550.571725 88.291401 5167.237
0.75000 3.747300 280.736652 4.525361
550.746310 93.067369 5435.068
1.00000 3.747300 303.470096 4.525361
550.934960 98.265415 5663.507

COMB DL-G2-3----- MIN

REL DIST P M2 M3 V3
0.00000 -2.209992 -468.066153 -5.601462
-425.257025 -2.209992 -468.066153 -5.601462
0.25000 -2.209992 -441.574430 -5.601462
-425.257025 -52.662379 -1048.772
0.50000 -2.209992 -416.231722 -5.601462
-425.257025 -52.662379 -1048.772
0.75000 -2.209992 -392.225489 -5.601462
-425.257025 -52.662379 -1048.772
1.00000 -2.209992 -369.786785 -5.601462
-425.257025 -62.475551 -1416.913

COMB DB----- MAX

REL DIST P M2 M3 V3
0.00000 2.374099 203.624437 4.788871
557.723067 84.880454 4665.795
0.25000 2.374099 233.462938 4.788871
557.723067 87.449576 4945.065
0.50000 2.374099 264.521084 4.788871
557.723067 90.645988 5206.174
0.75000 2.374099 298.503595 4.788871
557.723067 94.543011 5440.350
1.00000 2.374099 332.378966 4.788871
557.723067 99.239462 5640.816

COMB DB----- MIN

REL DIST P M2 M3 V3
0.00000 -1.501790 -503.476793 -5.791446
-401.364485 -47.920391 -701.131888
0.25000 -1.501790 -473.882188 -5.791446
-401.364485 -49.599557 -793.616113
0.50000 -1.501790 -445.275125 -5.791446
-401.364485 -51.777667 -886.100338
0.75000 -1.501790 -417.965242 -5.791446
-401.364485 -54.359544 -978.598741
1.00000 -1.501790 -392.241974 -5.791446
-401.364485 -57.337507 -1071.102

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FRAME ELEMENT INTERNAL FORCES

COMB DL----- MAX

REL DIST P M2 M3 V3
0.00000 3.747300 217.497316 4.525361
550.180361 79.073263 4539.312
0.25000 3.747300 237.420191 4.525361
550.369010 83.883638 4867.597
0.50000 3.747300 258.567104 4.525361
550.571725 88.291401 5167.237
0.75000 3.747300 280.736652 4.525361
550.746310 93.067369 5435.068
1.00000 3.747300 303.470096 4.525361
550.934960 98.265415 5663.507

COMB DL----- MIN

REL DIST P M2 M3 V3
0.00000 -1.501790 -503.476793 -5.791446
-401.364485 -47.920391 -701.131888
0.25000 -1.501790 -473.882188 -5.791446
-401.364485 -49.599557 -793.616113
0.50000 -1.501790 -445.275125 -5.791446
-401.364485 -51.777667 -886.100338
0.75000 -1.501790 -417.965242 -5.791446
-401.364485 -54.359544 -978.598741
1.00000 -1.501790 -392.241974 -5.791446
-401.364485 -57.337507 -1071.102

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-1----- MAX

REL DIST P M2 M3 V3
0.00000 1.408752 64.044754 4.280886
66.988746 2.183709 1088.889
0.25000 1.408752 46.392342 4.280886
66.866258 2.367943 1230.372
0.50000 1.408752 46.763150 4.280886
67.811906 1.408752 47.154708 4.280886
0.75000 1.408752 47.154708 4.280886
68.810353 2.781309 431.811
1.00000 1.408752 47.559452 4.280886
69.847748 3.003393 1545.456

COMB DL-G1-1----- MIN

REL DIST P M2 M3 V3
0.00000 -0.795184 -105.683759 -0.956625
-563.587004 -0.795184 -105.683759 -0.956625
0.25000 -0.795184 -105.217116 -0.956625
-362.715617 -0.6563009 -424.177993
0.50000 -0.795184 -104.728866 -0.956625
-361.899589 -0.6563009 -424.177993
0.75000 -0.795184 -104.353994 -0.956625
-361.124199 -0.7304887 -528.930063
1.00000 -0.795184 -103.964143 -0.956625
-360.431633 -77.003781 -581.308652
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2----- MAX

REL DIST P M2 M3 V3
0.00000 2.502535 104.632002 5.578480
227.840342 11.913648 2425.424
0.25000 2.502535 105.317389 5.578480
229.524313 13.169813 2614.664
0.50000 2.502535 106.046340 5.578480
231.329639 14.421225 2802.404
0.75000 2.502535 106.819950 5.578480
233.238272 15.742920 3004.208
1.00000 2.502535 107.617300 5.578480
235.217407 17.064911 3282.111

COMB DL-G1-2----- MIN

REL DIST P M2 M3 V3
0.00000 -1.309841 -222.247982 -1.880278
-567.166265 -77.352118 -622.263483
0.25000 -1.309841 -221.328307 -1.880278
-565.519992 -81.968149 -776.562593
0.50000 -1.309841 -220.452587 -1.880278
-563.961227 -86.812613 -930.658316
0.75000 -1.309841 -219.629623 -1.880278
-562.517310 -92.206023 -964.753902
1.00000 -1.309841 -218.857761 -1.880278
-561.216175 -97.901285 -1058.848

COMB DL-G1-3----- MAX

REL DIST P M2 M3 V3
0.00000 3.640993 194.080971 5.912445
396.568286 54.807487 4056.637
0.25000 3.640993 210.000000 5.912445
421.818898 57.803701 4372.940
0.50000 3.640993 227.492602 5.912445
449.338381 60.954543 4688.073
0.75000 3.640993 244.000000 5.912445
478.282050 64.000000 4940.232
1.00000 3.640993 264.233287 5.912445
506.688546 67.864228 5180.550

COMB DL-G1-3----- MIN

REL DIST P M2 M3 V3
0.00000 -2.096953 -424.801623 -4.499505
-569.031763 -72.941116 -929.927934
0.25000 -2.096953 -403.183114 -4.499505
-549.047701 -74.901193 -959.3107
0.50000 -2.096953 -382.546872 -4.499505
-532.733599 -81.762683 -1175.788
0.75000 -2.096953 -363.038072 -4.499505
-532.386474 -86.554518 -1298.426
1.00000 -2.096953 -344.832686 -4.499505
-532.387047 -91.913807 -1422.490

COMB DL-G2-1----- MAX

REL DIST P M2 M3 V3
0.00000 1.728120 121.668806 1.016525
394.060805 66.965446 2352.645
0.25000 1.728120 137.791839 1.016525
384.342542 69.901474 2513.954
0.50000 1.728120 154.888531 1.016525
374.624279 73.220747 2644.535
0.75000 1.728120 172.770616 1.016525
364.906016 76.892748 2736.807
1.00000 1.728120 191.062033 1.016525
355.187752 80.979845 2794.309

COMB DL-G2-1----- MIN

REL DIST P M2 M3 V3
0.00000 -1.185506 -258.706881 -4.095969
-60.506176 -4.850556 -369.074319
0.25000 -1.185506 -237.316753 -4.095969
-60.506176 -5.137162 -415.473106
0.50000 -1.185506 -216.820728 -4.095969
-60.506176 -5.450011 -462.381432
0.75000 -1.185506 -197.377615 -4.095969
-60.506176 -5.714668 -508.651627
1.00000 -1.185506 -179.198442 -4.095969
-60.506176 -6.089970 -555.312096
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2----- MAX

REL DIST P M2 M3 V3
0.00000 2.954597 201.340788 1.861374
545.544213 85.009239 3962.674
0.25000 2.954597 223.464518 1.861374
535.127535 88.050113 4225.282
0.50000 2.954597 246.948245 1.861374
525.010857 93.522202 4455.204
0.75000 2.954597 271.567510 1.861374
515.399225 98.394225 4640.232
1.00000 2.954597 296.812845 1.861374
506.277501 103.728714 4798.100

COMB DL-G2-2----- MIN

REL DIST P M2 M3 V3
0.00000 -1.834990 -425.213737 -5.451601
-191.484657 -9.336242 -693.745342
0.25000 -1.834990 -395.794717 -5.451601
-191.484657 -9.997960 -763.059153
0.50000 -1.834990 -367.651525 -5.451601
-191.484657 -10.758220 -872.956036
0.75000 -1.834990 -340.992420 -5.451601
-191.484657 -11.568591 -962.135744
1.00000 -1.834990 -316.074002 -5.451601
-191.484657 -12.400773 -1051.326

COMB DL-G2-3----- MAX

REL DIST P M2 M3 V3
0.00000 3.747300 217.497316 4.525361
550.180361 79.073263 4539.312
0.25000 3.747300 237.420191 4.525361
550.369010 83.883638 4867.597
0.50000 3.747300 258.567104 4.525361
550.571725 88.291401 5167.237
0.75000 3.747300 280.736652 4.525361
550.746310 93.067369 5435.068
1.00000 3.747300 303.470096 4.525361
550.934960 98.265415 5663.507

COMB DL-G2-3----- MIN

REL DIST P M2 M3 V3
0.00000 -2.209992 -468.066153 -5.601462
-425.257025 -2.209992 -468.066153 -5.601462
0.25000 -2.209992 -441.574430 -5.601462
-425.257025 -52.662379 -1048.772
0.50000 -2.209992 -416.231722 -5.601462
-425.257025 -52.662379 -1048.772
0.75000 -2.209992 -392.225489 -5.601462
-425.2570

REL DIST P M2 V2 V3
0.00000 4.464438 242.756487 6.367331
325.888090 68.351300 5180.947
0.25000 4.464438 259.667342 6.367331
347.255102 69.202102 530.295
0.50000 4.464438 277.678573 6.367331
371.276564 70.257660 5436.650
0.75000 4.464438 296.455630 6.367331
397.040946 71.632983 5539.588
1.00000 4.464438 315.903895 6.367331
423.752322 73.305596 5613.481
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.786818 -320.589435 -6.241855
-449.527264 -91.686167 -1422.492
0.25000 -2.786818 -300.902761 -6.241855
-426.595562 -97.7162 -1546.216
0.50000 -2.786818 -282.009321 -6.241855
-404.537193 -92.756299 -1670.275
0.75000 -2.786818 -264.515179 -6.241855
-384.167050 -94.051492 -1794.234
1.00000 -2.786818 -247.484658 -6.241855
-369.003139 -95.816593 -1918.633

COMB DL-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 2.141986 156.872057 3.389659
243.929171 61.640541 2793.299
0.25000 2.141986 173.723976 3.389659
237.562835 62.629911 2819.088
0.50000 2.141986 191.609357 3.389659
230.778834 60.122260 2923.779
0.75000 2.141986 210.146972 3.389659
223.532086 60.522242 2923.221
1.00000 2.141986 229.234928 3.389659
215.860755 60.926696 2919.773

COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -1.565895 -219.034662 -3.066427
-120.398886 -6.407865 -185.088623
0.25000 -1.565895 -199.667394 -3.066427
-123.749055 -6.910186 -602.543332
0.50000 -1.565895 -181.393093 -3.066427
-126.681558 -7.478747 -649.825680
0.75000 -1.565895 -163.846819 -3.066427
-129.151315 -8.056756 -697.375759
1.00000 -1.565895 -147.435429 -3.066427
-131.196489 -8.644241 -744.823326

COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 3.618683 263.244822 4.665300
358.356066 60.606832 4796.843
0.25000 3.618683 286.364445 4.665300
358.539348 104.266953 4914.406
0.50000 3.618683 310.925253 4.665300
358.722637 104.726523 5029.255
0.75000 3.618683 336.450485 4.665300
358.905926 105.260493 5048.622
1.00000 3.618683 362.799633 4.665300
359.089215 106.895841 5064.044

COMB DL-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.412840 -352.439158 -4.325860
-132.320554 -12.338752 -195.0595
0.25000 -2.412840 -325.884494 -4.325860
-232.320554 -14.109101 -1141.117
0.50000 -2.412840 -300.343708 -4.325860
-232.320554 -15.332054 -223.747
0.75000 -2.412840 -276.125977 -4.325860
-232.320554 -16.533321 -1322.268
1.00000 -2.412840 -253.496272 -4.325860
-232.320554 -17.771026 -1412.733

COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 4.590761 277.844091 6.343405
411.838302 98.951733 5663.078
0.25000 4.590761 298.663662 6.343405
412.026888 99.184799 5807.028
0.50000 4.590761 320.871369 6.343405
412.215504 99.896401 5921.617
0.75000 4.590761 343.049238 6.343405
412.404119 101.217860 6011.382
1.00000 4.590761 367.492695 6.343405
412.592735 103.093097 6068.775
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.924832 -366.398641 -6.076598
-449.527264 -92.756299 -1422.492
0.25000 -2.924832 -342.485966 -6.076598
-426.595562 -97.7162 -1546.216
0.50000 -2.924832 -319.484000 -6.076598
-404.537193 -98.126008 -1686.615
0.75000 -2.924832 -297.681829 -6.076598
-384.167050 -99.395202 -1811.326
1.00000 -2.924832 -277.300295 -6.076598
-361.661001 -101.167885 -1935.957

COMB DB ----- MAX
REL DIST T P M2 M3 V3
0.00000 2.809770 279.918433 7.208475
448.046802 99.493429 5640.596
0.25000 2.809770 309.675813 7.208475
448.046802 97.197154 5721.472
0.50000 2.809770 340.348238 7.208475
448.046802 95.907530 5781.760
0.75000 2.809770 371.590607 7.208475
448.046802 95.916334 5825.469
1.00000 2.809770 403.049484 7.208475
448.046802 97.135415 5849.140

COMB DB ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.009621 -414.258060 -6.925718
-447.607339 -91.756954 -1074.123
0.25000 -2.009621 -386.483480 -6.925718
-410.190174 -92.756299 -1171.752
0.50000 -2.009621 -359.501466 -6.925718
-387.918250 -88.936781 -1261.381
0.75000 -2.009621 -333.660391 -6.925718
-365.074150 -89.208729 -1355.011
1.00000 -2.009621 -309.281629 -6.925718
-382.400446 -90.663626 -1448.640

COMB DL ----- MAX

REL DIST P M2 V2 V3
0.00000 4.590761 277.844091 6.367331
411.838302 104.606832 5663.078
0.25000 4.590761 298.663662 6.367331
412.026888 104.266953 5807.028
0.50000 4.590761 320.871369 6.367331
412.215504 104.431565 5921.617
0.75000 4.590761 343.049238 6.367331
412.404119 104.260493 6011.382
1.00000 4.590761 367.492695 6.367331
423.752322 106.695841 6068.775

COMB DL ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.924832 -366.398641 -6.241855
-449.527264 -92.756299 -1422.492
0.25000 -2.924832 -342.485966 -6.241855
-426.595562 -97.7162 -1546.216
0.50000 -2.924832 -319.484000 -6.241855
-404.537193 -98.126008 -1686.615
0.75000 -2.924832 -297.681829 -6.241855
-384.167050 -99.395202 -1811.326
1.00000 -2.924832 -277.300295 -6.241855
-380.300571 -101.167885 -1935.957

COMB CAR ----- MAX
REL DIST T P M2 M3 V3
0.00000 4.590761 279.918433 7.208475
448.046802 104.606832 5663.078
0.25000 4.590761 309.675813 7.208475
448.046802 104.266953 5807.028
0.50000 4.590761 340.348238 7.208475
448.046802 104.431565 5921.617
0.75000 4.590761 371.590607 7.208475
448.046802 105.260493 6011.382
1.00000 4.590761 403.049484 7.208475
448.046802 106.695841 6068.775
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.924832 -414.258060 -6.925718
-449.527264 -92.756299 -1422.492
0.25000 -2.924832 -386.483480 -6.925718
-426.595562 -97.7162 -1546.216
0.50000 -2.924832 -359.501466 -6.925718
-404.537193 -98.126008 -1686.615
0.75000 -2.924832 -333.660391 -6.925718
-385.074150 -99.395202 -1811.326
1.00000 -2.924832 -309.281829 -6.925718
-382.400446 -101.167885 -1935.957

COMB DESIGN ----- MAX
REL DIST T P M2 M3 V3
0.00000 4.590761 279.918433 7.208475
448.046802 104.606832 5663.078
0.25000 4.590761 309.675813 7.208475
448.046802 104.266953 5807.028
0.50000 4.590761 340.348238 7.208475
448.046802 104.431565 5921.617
0.75000 4.590761 371.590607 7.208475
448.046802 105.260493 6011.382
1.00000 4.590761 403.049484 7.208475
448.046802 106.695841 6068.775

COMB DESIGN ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.924832 -414.258060 -6.925718
-449.527264 -92.756299 -1422.492
0.25000 -2.924832 -386.483480 -6.925718
-426.595562 -97.7162 -1546.216
0.50000 -2.924832 -359.501466 -6.925718
-404.537193 -98.126008 -1686.615
0.75000 -2.924832 -333.660391 -6.925718
-385.074150 -99.395202 -1811.326
1.00000 -2.924832 -309.281829 -6.925718
-382.400446 -101.167885 -1935.957

ELEM 58 ===== LENGTH = 5.012152
COMB DB-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 1.162102 48.762196 2.942054
192.158159 4.477159 1480.444
0.25000 1.162102 49.128992 2.942054
193.115110 5.671532 1448.188
0.50000 1.162102 49.637134 2.942054
194.204104 6.882982 1418.331
0.75000 1.162102 50.091194 2.942054
195.311510 8.112924 1393.491
1.00000 1.162102 50.585901 2.942054
196.610819 9.356213 1372.442

COMB DB-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -1.032702 -22.269075 -5.206307
-80.107969 -71.648273 -591.105447
0.25000 -1.032702 -21.779538 -5.206307
-76.809834 -67.753973 -626.787774
0.50000 -1.032702 -20.912025 -5.206307
-77.692542 -64.875700 -662.500259
0.75000 -1.032702 -20.913814 -5.206307
-76.623543 -63.142734 -699.230219
1.00000 -1.032702 -20.251156 -5.206307
-75.614168 -62.645758 -733.960179

COMB DB-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 2.230652 145.007735 3.903597
415.731446 19.325171 3258.488
0.25000 2.230652 146.911945 3.903597
418.419424 21.492821 3153.329
0.50000 2.230652 147.413759 3.903597
421.293924 23.654475 3080.540
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T P M2 M3 V3
0.75000 2.230652 148.662053 3.903597
424.318624 25.947839 3040.947
1.00000 2.230652 150.020549 3.903597
427.841101 28.238622 3023.723

COMB DB-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -1.569224 -83.869820 -6.579726
-257.819437 -83.564646 -1213.462
0.25000 -1.569224 -82.555523 -6.579726
-260.860443 -86.421346 -1146.522
0.50000 -1.569224 -81.311228 -6.579726
-257.819437 -83.564646 -1213.462

0.75000 -1.569224 -80.145447 -6.579726
-254.911218 -82.110067 -1280.441
1.00000 -1.569224 -79.008599 -6.579726
-252.167364 -82.091734 -1347.420

COMB DB-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 2.914685 303.565180 7.325573
376.939308 65.649296 5309.684
0.25000 2.914685 324.614309 7.325573
394.577987 64.794028 5230.634
0.50000 2.914685 346.382424 7.325573
417.29245 64.934191 5144.850
0.75000 2.914685 368.633120 7.325573
446.340420 65.639538 5056.230
1.00000 2.914685 391.825044 7.325573
484.801093 67.479829 4953.571

COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.396160 -278.598013 -8.009961
-413.043032 -84.598593 -1448.609
0.25000 -2.396160 -255.668682 -8.009961
-372.229511 -81.171788 -1541.388
0.50000 -2.396160 -234.148419 -8.009961
-325.821375 -78.094191 -1614.172
0.75000 -2.396160 -213.498128 -8.009961
-318.387784 -77.502124 -1726.990
1.00000 -2.396160 -193.962560 -8.009961
-290.719921 -77.594139 -1819.809

COMB DB-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 1.282241 212.047455 5.337758
126.322715 72.601527 2939.748
0.25000 1.282241 232.461116 5.337758
126.322715 68.294968 2936.800
0.50000 1.282241 253.704916 5.337758
126.322715 65.018099 2909.439
0.75000 1.282241 275.629681 5.337758
126.322715 62.811361 2849.184
1.00000 1.282241 296.696077 5.337758
126.322715 61.792920 2756.975

COMB DB-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -1.364026 -230.057612 -2.706760
-253.673092 -6.880899 -562.350707
0.25000 -1.364026 -209.099806 -2.706760
-253.673092 -6.880899 -562.350707
0.50000 -1.364026 -188.201965 -2.706760
-253.673092 -6.880899 -562.350707
0.75000 -1.364026 -168.228583 -2.706760
-253.673092 -6.880899 -562.350707
1.00000 -1.364026 -149.453539 -2.706760
-253.673092 -6.880899 -562.350707

COMB DB-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 2.271405 346.686022 6.906424
252.215710 97.052803 5042.548
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T P M2 M3 V3
0.25000 2.271405 375.127826 6.906424
252.215710 97.052803 5042.548
0.50000 2.271405 404.595022 6.906424
252.215710 99.805748 4922.040
0.75000 2.271405 434.716963 6.906424
252.215710 102.569799 4802.040
1.00000 2.271405 465.112095 6.906424
252.215710 87.879100 4720.373

COMB DB-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.018276 -352.500645 -3.940561
-361.768011 -12.643856 -1064.107
0.25000 -2.018276 -322.541605 -3.940561
-361.768011 -14.544930 -1135.845
0.50000 -2.018276 -293.454565 -3.940561
-361.768011 -16.454002 -1207.582
0.75000 -2.018276 -265.622454 -3.940561
-361.768011 -18.362702 -1279.319
1.00000 -2.018276 -239.440936 -3.940561
-361.768011 -20.271806 -1351.057

COMB DB-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 3.019183 358.246646 8.107598
403.676072 93.913296 5092.833
0.25000 3.019183 383.769381 8.107598
403.676072 90.407100 5770.670
0.50000 3.019183 410.219220 8.107598
403.676072 88.614766 5680.142
0.75000 3.019183 447.244005 8.107598
403.676072 88.177872 5581.155
1.00000 3.019183 464.513325 8.107598
403.676072 89.110178 5463.088

COMB DB-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.484809 -337.154064 -6.926564
-413.834671 -58.675868 -1442.319
0.25000 -2.484809 -310.276456 -6.926564
-413.834671 -57.314700 -1536.552
0.50000 -2.484809 -284.174799 -6.926564
-413.834671 -56.831326 -1630.785
0.75000 -2.484809 -259.199337 -6.926564
-413.834671 -57.123485 -1725.041
1.00000 -2.484809 -235.677411 -6.926564
-413.834671 -58.370077 -1819.301

COMB DL-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 1.935168 72.900505 2.426774
195.672980 5.214634 1753.665
0.25000 1.935168 73.686836 2.426774
196.462097 6.531858 1738.386
0.50000 1.935168 74.686836 2.426774
197.325101 7.862965 1722.766
0.75000 1.935168 76.111039 2.426774
198.247924 9.197541 1708.763
1.00000 1.935168 74.550556 2.426774
199.214099 10.543326 1695.048

COMB DL-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -1.357987 -27.582773 -5.167346
-66.801632 -77.476318 -78

REL DIST P M2 M3 V3
0.00000 3.019183 358.246646 8.107598
415.731446 97.052803 5848.933
0.25000 3.019183 383.769381 8.107598
418.419424 92.741506 5770.670
0.50000 3.019183 410.212929 8.107598
421.293924 89.605748 5680.142
0.75000 3.019183 437.244005 8.107598
446.340420 84.178272 5581.155
1.00000 3.019183 465.112095 8.107598
484.801093 89.110178 5463.068

COMB DB G1-2 MIN

REL DIST P M2 M3 V3
0.00000 -2.484809 -352.500534 -8.009961
-413.834671 -90.346649 -1448.609
0.25000 -2.484809 -322.541605 -8.009961
-413.834671 -86.421346 -1541.388
0.50000 -2.484809 -293.454655 -8.009961
-413.834671 -83.564646 -1634.172
0.75000 -2.484809 -265.622454 -8.009961
-413.834671 -82.110667 -1725.990
1.00000 -2.484809 -239.409044 -8.009961
-413.834671 -82.091734 -1819.809
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FRAME ELEMENT INTERNAL FORCES

COMB DL G1-1 MAX

REL DIST P M2 M3 V3
0.00000 5.096895 360.521644 7.830370
401.167822 107.110370 6068.625
0.25000 5.096895 382.474769 7.830370
402.658931 104.002960 6037.611
0.50000 5.096895 405.536263 7.830370
404.293872 101.429133 5977.615
0.75000 5.096895 429.619356 7.830370
427.070004 99.852653 5895.249
1.00000 5.096895 454.375205 7.830370
451.008798 99.910980 5785.178

COMB DL G1-2 MIN

REL DIST P M2 M3 V3
0.00000 -3.559977 -293.214829 -7.760952
-409.883579 -101.130497 -1935.738
0.25000 -3.559977 -268.587973 -7.760952
-409.894947 -98.549523 -2062.116
0.50000 -3.559977 -244.935441 -7.760952
-409.506315 -96.416343 -2236.735
0.75000 -3.559977 -224.105622 -7.760952
-409.317684 -94.912914 -2364.977
1.00000 -3.559977 -205.367457 -7.760952
-409.132419 -94.105959 -2493.726

COMB CAR G1-1 MAX

REL DIST P M2 M3 V3
0.00000 5.096895 360.521644 8.107598
415.731446 97.103370 5038.625
0.25000 5.096895 383.769381 8.107598
418.419424 104.002960 6037.611
0.50000 5.096895 410.212929 8.107598
421.293924 101.429133 5977.615
0.75000 5.096895 437.244005 8.107598
446.340420 99.852653 5895.249
1.00000 5.096895 465.112095 8.107598
484.801093 99.910980 5785.178

COMB CAR G1-2 MIN

REL DIST P M2 M3 V3
0.00000 -3.559977 -352.500534 -8.009961
-413.834671 -101.130497 -1935.738
0.25000 -3.559977 -322.541605 -8.009961
-413.834671 -98.549523 -2062.116
0.50000 -3.559977 -293.454655 -8.009961
-413.834671 -86.421346 -1541.388
0.75000 -3.559977 -265.622454 -8.009961
-413.834671 -82.110667 -1725.990
1.00000 -3.559977 -239.409044 -8.009961
-413.834671 -82.091734 -1819.809

COMB DESIGN G1-1 MAX

REL DIST P M2 M3 V3
0.00000 5.096895 360.521644 8.107598
415.731446 97.103370 5038.625
0.25000 5.096895 383.769381 8.107598
418.419424 104.002960 6037.611
0.50000 5.096895 410.212929 8.107598
421.293924 101.429133 5977.615
0.75000 5.096895 437.244005 8.107598
446.340420 99.852653 5895.249
1.00000 5.096895 465.112095 8.107598
484.801093 99.910980 5785.178

COMB DESIGN G1-2 MIN

REL DIST P M2 M3 V3
0.00000 -3.559977 -352.500534 -8.009961
-413.834671 -101.130497 -1935.738
0.25000 -3.559977 -322.541605 -8.009961
-413.834671 -98.549523 -2062.116
0.50000 -3.559977 -293.454655 -8.009961
-413.834671 -86.421346 -1541.388
0.75000 -3.559977 -265.622454 -8.009961
-413.834671 -82.110667 -1725.990
1.00000 -3.559977 -239.409044 -8.009961
-413.834671 -82.091734 -1819.809

COMB DESIGN G1-3 MAX

REL DIST P M2 M3 V3
0.00000 5.096895 360.521644 8.107598
415.731446 97.103370 5038.625
0.25000 5.096895 383.769381 8.107598
418.419424 104.002960 6037.611
0.50000 5.096895 410.212929 8.107598
421.293924 101.429133 5977.615
0.75000 5.096895 437.244005 8.107598
446.340420 99.852653 5895.249
1.00000 5.096895 465.112095 8.107598
484.801093 99.910980 5785.178

COMB DESIGN G1-4 MIN

REL DIST P M2 M3 V3
0.00000 -3.559977 -352.500534 -8.009961
-413.834671 -101.130497 -1935.738
0.25000 -3.559977 -322.541605 -8.009961
-413.834671 -98.549523 -2062.116
0.50000 -3.559977 -293.454655 -8.009961
-413.834671 -86.421346 -1541.388
0.75000 -3.559977 -265.622454 -8.009961
-413.834671 -82.110667 -1725.990
1.00000 -3.559977 -239.409044 -8.009961
-413.834671 -82.091734 -1819.809

COMB DESIGN G1-5 MAX

REL DIST P M2 M3 V3
0.00000 5.096895 360.521644 8.107598
415.731446 97.103370 5038.625
0.25000 5.096895 383.769381 8.107598
418.419424 104.002960 6037.611
0.50000 5.096895 410.212929 8.107598
421.293924 101.429133 5977.615
0.75000 5.096895 437.244005 8.107598
446.340420 99.852653 5895.249
1.00000 5.096895 465.112095 8.107598
484.801093 99.910980 5785.178

COMB DESIGN G1-6 MIN

REL DIST P M2 M3 V3
0.00000 -3.559977 -352.500534 -8.009961
-413.834671 -101.130497 -1935.738
0.25000 -3.559977 -322.541605 -8.009961
-413.834671 -98.549523 -2062.116
0.50000 -3.559977 -293.454655 -8.009961
-413.834671 -86.421346 -1541.388
0.75000 -3.559977 -265.622454 -8.009961
-413.834671 -82.110667 -1725.990
1.00000 -3.559977 -239.409044 -8.009961
-413.834671 -82.091734 -1819.809

-5.714066 -48.972620 -850.149531

COMB DB-G1-2 MAX

REL DIST P M2 M3 V3
0.00000 2.037459 208.281272 2.594654
553.069641 28.207088 3022.661
0.25000 2.037459 209.438332 2.594654
555.779224 31.568248 2822.483
0.50000 2.037459 210.630611 2.594654
558.730439 35.001989 2645.227
0.75000 2.037459 211.842331 2.594654
561.828898 38.495875 2503.314
1.00000 2.037459 213.117478 2.594654
565.410184 42.013096 2396.066

COMB DB-G1-2 MIN

REL DIST P M2 M3 V3
0.00000 -1.875559 -52.778424 -7.469001
-181.905666 -82.186318 -1347.399
0.25000 -1.875559 -51.469104 -7.469001
-178.326707 -76.815378 -1406.978
0.50000 -1.875559 -50.291367 -7.469001
-175.243003 -72.117809 -1468.556
0.75000 -1.875559 -49.163800 -7.469001
-172.291493 -69.618258 -1526.135
1.00000 -1.875559 -48.098543 -7.469001
-169.495491 -68.157676 -1585.713

COMB DB-G1-3 MAX

REL DIST P M2 M3 V3
0.00000 2.873472 390.889437 6.582594
500.362967 67.287297 4952.910
0.25000 2.873472 411.238771 6.582594
500.362967 66.961728 4733.312
0.50000 2.873472 432.477926 6.582594
500.362967 67.371762 4502.814
0.75000 2.873472 454.166483 6.582594
531.232767 68.965538 4271.177
1.00000 2.873472 476.769895 6.582594
552.082033 71.491780 4038.975

COMB DB-G1-3 MIN

REL DIST P M2 M3 V3
0.00000 -2.836082 -222.581007 -8.162621
-407.373450 -77.811887 -1819.701
0.25000 -2.836082 -200.308214 -8.162621
-369.852486 -73.083414 -1910.933
0.50000 -2.836082 -179.414112 -8.162621
-344.311747 -70.197332 -2002.164
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.75000 -2.836082 -159.451042 -8.162621
-317.470638 -68.934514 -2093.395
1.00000 -2.836082 -140.650113 -8.162621
-290.967803 -68.979704 -2184.629

COMB DB-G2-1 MAX

REL DIST P M2 M3 V3
0.00000 1.525365 248.443082 6.150572
43.879072 61.560647 2757.848
0.25000 1.525365 268.380968 6.150572
43.879072 65.953723 2595.822
0.50000 1.525365 289.078194 6.150572
43.879072 51.449003 2601.996
0.75000 1.525365 310.215024 6.150572
43.879072 47.973511 2480.340
1.00000 1.525365 330.922191 6.150572
43.879072 45.679132 2330.175

COMB DB-G2-1 MIN

REL DIST P M2 M3 V3
0.00000 -1.597684 -196.290534 -1.537751
-367.607116 -11.968759 -717.594963
0.25000 -1.597684 -175.951133 -1.537751
-367.607116 -12.642472 -763.86389
0.50000 -1.597684 -155.695389 -1.537751
-367.607116 -16.578684 -811.11815
0.75000 -1.597684 -136.400558 -1.537751
-367.607116 -18.931623 -899.622441
1.00000 -1.597684 -118.373147 -1.537751
-367.607116 -21.303746 -902.650189

COMB DB-G2-2 MAX

REL DIST P M2 M3 V3
0.00000 2.503097 413.246664 7.794965
164.108048 87.470374 4721.057
0.25000 2.503097 441.005673 7.794965
164.108048 81.843732 4558.267
0.50000 2.503097 469.748630 7.794965
164.108048 77.402215 4371.593
0.75000 2.503097 499.100021 7.794965
164.108048 74.478630 4050.551
1.00000 2.503097 528.688898 7.794965
164.108048 73.105274 3954.025

COMB DB-G2-2 MIN

REL DIST P M2 M3 V3
0.00000 -2.324283 -293.562785 -2.646896
-501.311358 -20.344663 -350.864
0.25000 -2.324283 -264.456910 -2.646896
-501.311358 -23.608244 -1431.570
0.50000 -2.324283 -236.261066 -2.646896
-501.311358 -26.871989 -1512.775
0.75000 -2.324283 -209.365928 -2.646896
-501.311358 -30.135928 -1592.981
1.00000 -2.324283 -184.128145 -2.646896
-501.311358 -33.400237 -1673.704

COMB DB-G2-3 MAX

REL DIST P M2 M3 V3
0.00000 3.146908 446.687401 8.135404
402.473842 88.747391 5933.34
0.25000 3.146908 471.597374 8.135404
402.473842 85.334032 5237.069
0.50000 3.146908 497.399040 8.135404
402.473842 83.003611 4532.789
0.75000 3.146908 523.730461 8.135404
402.473842 82.033779 4751.562
1.00000 3.146908 550.276242 8.135404
402.473842 82.468525 4501.592

COMB DB-G2-3 MIN

REL DIST P M2 M3 V3
0.00000 -2.918824 -271.602686 -6.293918
-489.949557 -58.588738 -1819.138
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.25000 -2.918824 -245.490649 -6.293918

-489.949557 -57.920941 -1917.136
0.50000 -2.918824 -220.188682 -6.293918
-489.949557 -57.569917 -1715.135
0.75000 -2.918824 -196.053601 -6.293918
-489.949557 -58.356444 -2113.134
1.00000 -2.918824 -173.407818 -6.293918
-489.949557 -59.937955 -2211.149

COMB DL-G1-1 MAX

REL DIST P M2 M3 V3
0.00000 2.030531 109.090306 1.432771
329.757470 11.077835 1894.249
0.25000 2.030531 109.403054 1.432771
330.518171 13.735454 1619.410
0.50000 2.030531 109.909957 1.432771
331.953247 16.400732 1544.920
0.75000 2.030531 110.351172 1.432771
332.248205 19.080433 1471.082
1.00000 2.030531 110.806766 1.432771
333.188689 21.780216 1398.744

COMB DL-G1-1 MIN

REL DIST P M2 M3 V3
0.00000 -1.640908 -15.654139 -6.960260
-10.178972 -68.902041 -977.395776
0.25000 -1.640908 -15.277805 -6.960260
-9.72665 -63.707836 -1016.563
0.50000 -1.640908 -14.919304 -6.960260
-8.158677 -58.843361 -1055.680
0.75000 -1.640908 -14.583930 -6.960260
-7.230033 -54.613272 -1094.861
1.00000 -1.640908 -14.275578 -6.960260
-6.374171 -51.041826 -1133.987

COMB DL-G1-2 MAX

REL DIST P M2 M3 V3
0.00000 3.344825 249.220008 2.349855
557.261080 33.823845 3476.112
0.25000 3.344825 250.004904 2.349855
558.694822 37.835004 3207.952
0.50000 3.344825 250.836954 2.349855
560.708000 41.871822 3146.861
0.75000 3.344825 251.707366 2.349855
562.951533 45.967818 3008.438
1.00000 3.344825 252.604825 2.349855
563.738252 50.053342 2880.576

COMB DL-G1-2 MIN

REL DIST P M2 M3 V3
0.00000 -2.523509 -55.618409 -8.692932
-190.307523 -94.755191 -1785.424
0.25000 -2.523509 -54.877926 -8.692932
-188.335509 -89.724458 -1864.857
0.50000 -2.523509 -54.173083 -8.692932
-186.446941 -85.127742 -1944.237
0.75000 -2.523509 -53.513185 -8.692932
-184.673201 -81.151703 -2023.699
1.00000 -2.523509 -52.906350 -8.692932
-183.040096 -77.872291 -2103.074

COMB DL-G1-3 MAX

REL DIST P M2 M3 V3
0.00000 5.060523 417.240555 6.948596
502.445575 10.745644 5367.372
0.25000 5.060523 435.918553 6.948596
502.826051 16.688064 5175.755
0.50000 5.060523 455.645177 6.948596
503.123661 22.611232 4983.996
0.75000 5.060523 476.180925 6.948596
525.961237 28.478714 4729.307
1.00000 5.060523 497.269463 6.948596
554.845892 34.190376 4480.035
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 MIN

REL DIST P M2 M3 V3
0.00000 -3.951512 -188.579854 -8.986805
-444.406347 -92.806383 -2409.967
0.25000 -3.951512 -171.581848 -8.986805
-415.055212 -89.

= 5.012179

```
COMB DB-G1-1-----MAX
REL DIST      P      M2      M3      V3
0.00000      1.374518      107.240000      0.419976
403.643292    18.961182    1057.143      0.419976
0.25000      1.374818      107.651436      0.419976
404.650591    22.137711      939.158025      0.419976
0.50000      1.374818      108.077402      0.419976
405.711171    25.347744      824.997442      0.419976
0.75000      1.374818      108.504242      0.419976
406.862321    28.574193      716.933400      0.419976
1.00000      1.374818      716.933400      0.419976
408.195578    31.836304      617.775975      0.419976

COMB DB-G1-1-----MIN
REL DIST      P      M2      M3      V3
0.00000      1.528976      10.940000      -6.762724
650.368537    42.191518      2304.0000      -6.762724
0.25000      1.528976      10.478754      -6.762724
-56.960187    -43.071769      -865.141093      -6.762724
0.50000      1.528976      10.066542      -6.762724
-55.816616    -43.071769      -865.141093      -6.762724
0.75000      1.528976      9.673491      -6.762724
-54.716830    -43.071769      -865.141093      -6.762724
1.00000      1.528976      9.303000      -6.762724
-53.671229    -43.071769      -865.141093      -6.762724
```

```
COMB DB-G1-2-----MAX
REL DIST      P      M2      M3      V3
0.00000      2.218405      258.424469      1.023307
650.368537    42.191518      2304.0000      1.023307
0.25000      2.218405      259.555538      1.023307
653.109561    46.577299      2120.763      1.023307
0.50000      2.218405      260.717825      1.023307
655.997555    51.729421      1890.389456      1.023307
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```

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FRAME ELEMENT INTERNAL FORCES

```
REL DIST      P      M2      M3      V3
0.75000      2.218405      261.900662      1.023307
659.094762    55.661141      1663.055      1.023307
1.00000      2.218405      263.187880      1.023307
662.723424    60.254429      1496.329      1.023307

COMB DB-G1-2-----MIN
REL DIST      P      M2      M3      V3
0.00000      -2.169445      -36.993831      -8.385274
-231.585261    -68.542124      -1585.456      -8.385274
0.25000      -2.169445      -35.728605      -8.385274
-227.968305    -61.793494      -1629.598      -8.385274
0.50000      -2.169445      -34.593536      -8.385274
-224.949612    -56.058790      -1673.969      -8.385274
0.75000      -2.169445      -33.516438      -8.385274
-221.856431    -51.643918      -1718.340      -8.385274
1.00000      -2.169445      -32.496490      -8.385274
-219.009534    -48.560908      -1762.711      -8.385274
```

COMB DB-G1-3-----MAX

```
REL DIST      P      M2      M3      V3
0.00000      3.204349      470.696787      5.641112
586.663534    31.345356      4037.943      5.641112
0.25000      3.204349      490.933791      5.641112
586.663534    37.489220      3698.402      5.641112
0.50000      3.204349      511.585956      5.641112
586.663534    37.306352      3351.869      5.641112
0.75000      3.204349      532.696055      5.641112
603.870482    34.482962      3012.084      5.641112
1.00000      3.204349      554.645811      5.641112
625.347946    33.473970      2681.464      5.641112
```

COMB DB-G1-3-----MIN

```
REL DIST      P      M2      M3      V3
0.00000      -3.244651      -175.662155      -8.099345
-490.540385    -69.394642      -2184.408      -8.099345
0.25000      -3.244651      -154.139276      -8.099345
-465.325595    -65.325595      -2042.538      -8.099345
0.50000      -3.244651      -134.042544      -8.099345
-434.827829    -62.293898      -2360.875      -8.099345
0.75000      -3.244651      -114.924503      -8.099345
-405.926824    -60.397435      -2442.913      -8.099345
1.00000      -3.244651      -96.996826      -8.099345
-395.320972    -59.706455      -2537.551      -8.099345
```

COMB DB-G2-1-----MAX

```
REL DIST      P      M2      M3      V3
0.00000      1.757140      292.558022      7.027689
59.875034    45.285796      2331.471      7.027689
0.25000      1.757140      312.157042      7.027689
59.875034    38.406455      2200.139      7.027689
0.50000      1.757140      320.432935      7.027689
59.875034    32.308622      2043.249      7.027689
0.75000      1.757140      353.063794      7.027689
59.875034    27.620090      1860.334      7.027689
1.00000      1.757140      373.174333      7.027689
59.875034    23.741930      1652.634      7.027689
```

COMB DB-G2-1-----MIN

```
REL DIST      P      M2      M3      V3
0.00000      -1.804005      -154.673503      -0.232899
-444.275092    -21.334727      902.72623      -0.232899
0.25000      -1.804005      -135.049240      -0.232899
-444.275092    -24.511936      964.896097      -0.232899
0.50000      -1.804005      -115.581295      -0.232899
-444.275092    -27.767367      1027.031      -0.232899
0.75000      -1.804005      -97.119667      -0.232899
-444.275092    -31.038513      1089.168      -0.232899
1.00000      -1.804005      79.952071      -0.232899
-444.275092    -34.390561      1151.462      -0.232899
```

COMB DB-G2-2-----MAX

```
REL DIST      P      M2      M3      V3
0.00000      2.702376      487.085241      8.772340
206.800948    72.549528      5955.219      8.772340
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```

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```
REL DIST      P      M2      M3      V3
0.25000      2.702376      514.336151      8.772340
206.800948    65.599483      3677.264      8.772340
0.50000      2.702376      542.457943      8.772340
206.800948    59.911990      3381.441      8.772340
0.75000      2.702376      571.071805      8.772340
206.800948    55.700999      3078.467      8.772340
1.00000      2.702376      599.800419      8.772340
206.800948    52.857424      2767.376      8.772340

COMB DB-G2-2-----MIN
REL DIST      P      M2      M3      V3
0.00000      -2.567100      -227.789325      -1.017036
-597.227084    -33.365952      -1673.673      -1.017036
0.25000      -2.567100      -199.685587      -1.017036
```

```
-597.227084    -37.750105      -1773.477      -1.017036
0.50000      -2.567100      -172.577896      -1.017036
-597.227084    -46.683383      -1638.3281      -1.017036
0.75000      -2.567100      -146.830333      -1.017036
-597.227084    -46.587391      -1973.085      -1.017036
1.00000      -2.567100      -122.788798      -1.017036
-597.227084    -51.008683      -2073.009      -1.017036
```

COMB DB-G2-3-----MAX

```
REL DIST      P      M2      M3      V3
0.00000      3.338123      534.751784      8.075172
494.406044    82.081573      4501.722      8.075172
0.25000      3.338123      559.206096      8.075172
494.406044    77.939441      4141.741      8.075172
0.50000      3.338123      584.442545      8.075172
494.406044    73.957186      3771.840      8.075172
0.75000      3.338123      610.120515      8.075172
494.406044      3.338123      635.898080      8.075172
1.00000      3.338123      635.898080      8.075172
494.406044      3.005122      3044.607      8.075172
```

COMB DB-G2-3-----MIN

```
REL DIST      P      M2      M3      V3
0.00000      -3.308966      -211.753059      -5.362698
-594.968228    -60.234344      -2211.004      -5.362698
0.25000      -3.308966      -186.540292      -5.362698
-594.968228    -59.728522      -2128.517      -5.362698
0.50000      -3.308966      -162.214841      -5.362698
-594.968228    -59.705416      -2423.464      -5.362698
0.75000      -3.308966      -139.112605      -5.362698
-594.968228    -60.389626      -2529.789      -5.362698
1.00000      -3.308966      -117.535555      -5.362698
-594.968228    -62.022187      -2636.222      -5.362698
```

COMB DB-G1-1-----MAX

```
REL DIST      P      M2      M3      V3
0.00000      2.175296      133.695062      0.462064
466.295144      2.552595      1397.144      0.462064
0.25000      2.175296      134.113895      0.462064
467.042545      26.416551      559.206096      0.462064
0.50000      2.175296      134.554255      0.462064
467.864353      30.664229      1161.568      0.462064
0.75000      2.175296      135.012421      0.462064
468.733601      35.578899      1045.132      0.462064
1.00000      2.175296      135.483580      0.462064
469.672425      41.320436      931.053490      0.462064
```

COMB DL-G1-1-----MIN

```
REL DIST      P      M2      M3      V3
0.00000      -1.932467      -14.375590      -8.726952
-71.504904      -62.195739      -1133.894      -8.726952
0.25000      -1.932467      -14.028467      -8.726952
-70.448095      -45.052497      -1155.494      -8.726952
0.50000      -1.932467      -13.700895      -8.726952
-69.437629      -38.607399      -1177.081      -8.726952
0.75000      -1.932467      -13.394594      -8.726952
-68.487731      -33.460145      -1198.664      -8.726952
1.00000      -1.932467      -13.082467      -8.726952
-67.611210      -29.695894      -1220.297      -8.726952
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```

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FRAME ELEMENT INTERNAL FORCES

```
COMB DL-G1-2-----MAX
REL DIST      P      M2      M3      V3
0.00000      3.376773      308.290446      1.290648
720.129693      50.650373      2878.553      1.290648
0.25000      3.376773      309.117542      1.290648
721.536011      56.020460      2878.553      1.290648
0.50000      3.376773      309.968828      1.290648
723.083791      61.481613      2363.841      1.290648
0.75000      3.376773      310.890835      1.290648
724.631387      67.933666      2363.841      1.290648
1.00000      3.376773      311.820339      1.290648
726.179402      75.456446      1914.686      1.290648
```

COMB DL-G1-2-----MIN

```
REL DIST      P      M2      M3      V3
0.00000      -2.851487      -42.359111      -10.727449
-261.524424      -79.153278      -2102.690      -10.727449
0.25000      -2.851487      -41.676708      -10.727449
-259.503157      -71.944064      -2162.670      -10.727449
0.50000      -2.851487      -41.022187      -10.727449
-257.567689      -65.217256      -2222.627      -10.727449
0.75000      -2.851487      -40.432110      -10.727449
-255.749137      -60.014005      -2282.629      -10.727449
1.00000      -2.851487      -39.891157      -10.727449
-254.072062      -56.505741      -2342.750      -10.727449
```

COMB DL-G1-3-----MAX

```
REL DIST      P      M2      M3      V3
0.00000      5.174241      519.367619      7.130038
657.915794      80.567304      4470.400      7.130038
0.25000      5.174241      529.227261      7.130038
657.369990      81.346782      4137.889      7.130038
0.50000      5.174241      560.014673      7.130038
657.670725      82.707054      3719.827      7.130038
0.75000      5.174241      581.555124      7.130038
673.938109      85.669730      3391.521      7.130038
1.00000      5.174241      603.609489      7.130038
695.001407      90.507810      3001.705      7.130038
```

COMB DL-G1-3-----MIN

```
REL DIST      P      M2      M3      V3
0.00000      -4.408165      -149.784378      -10.138622
-571.589775      -84.686004      -2892.916      -10.138622
0.25000      -4.408165      -134.338017      -10.138622
-541.685076      -81.396703      -3009.101      -10.138622
0.50000      -4.408165      -119.708063      -10.138622
-515.257041      -76.630383      -3125.225      -10.138622
0.75000      -4.408165      -106.041776      -10.138622
-482.404245      -77.615936      -3241.413      -10.138622
1.00000      -4.408165      -93.543483      -10.138622
-459.070833      -78.605223      -3362.855      -10.138622
```

COMB DL-G2-1-----MAX

```
REL DIST      P      M2      M3      V3
0.00000      2.875469      301.083470      9.133209
78.725529      51.632022      2334.181      9.133209
0.25000      2.875469      342.370704      9.133209
78.725529      44.099860      2187.422      9.133209
0.50000      2.875469      362.370704      9.133209
78.725529      37.161311      2009.758      9.133209
0.75000      2.875469      364.291529      9.133209
78.725529      31.836888      1801.050      9.133209
1.00000      2.875469      386.198565      9.133209
78.725529      28.200765      1572.122      9.133209
```

COMB DL-G2-1-----MIN

```
REL DIST      P      M2      M3      V3
0.00000      -2.424342      -121.000388      -0.379100
-466.483801      -26.195794      -1191.836      -0.379100
0.25000      -2.424342      -106.547442      -0.379100
-476.201194      -30.154341      -1271.307      -0.379100
0.50000      -2.424342      -92.772691      -0.379100
-485.918587      -34.533206      -1350.731      -0.379100
0.75000      -2.424342      -79.874871      -0.379100
-495.635890      -39.925077      -1490.565      -0.379100
1.00000      -2.424342      -68.074713      -0.379100
-505.353372      -46.298316      -1605.933      -0.379100
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```

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FRAME ELEMENT INTERNAL FORCES

```
COMB DL-G2-2-----MAX
REL DIST      P      M2      M3      V3
0.00000      4.311136      513.495123      11.258967
225.098488      80.154303      4047.185      11.258967
0.25000      4.311136      540.969491      11.258967
225.098488      72.883329      3761.126      11.258967
0.50000      4.311136      569.644716      11.258967
225.098488      66.742671      3437.116      11.258967
0.75000      4.311136      599.272396      11.258967
225.098488      62.134824      3089.297      11.258967
1.00000      4.311136      629.507679      11.258967
225.098488      59.091784      2723.973      11.258967
```

COMB DL-G2-2-----MIN

```
REL DIST      P      M2      M3      V3
0.00000      -3.561469      -185.101515      -1.297543
-675.901287      -44.211694      -2217.542      -1.297543
0.25000      -3.561469      -164.750422      -1.297543
-675.917981      -42.128130      -2346.471      -1.297543
0.50000      -3.561469      -145.336682      -1.297543
-675.934675      -56.650692      -2475.382      -1.297543
0.75000      -3.561469      -127.215440      -1.297543
-675.951370      -81.968421      -2604.391      -1.297543
1.00000      -3.561469      -110.625113      -1.297543
-675.168064      -72.239020      -2744.234      -1.297543
```

COMB DL-G2-3-----MAX

```
REL DIST      P      M2      M3      V3
0.00000      5.382795      581.232279      10.455877
540.361439      91.408242      4837.501      10.455877
0.25000      5.382795      605.964917      10.455877
540.361439      87.402757      4474.547      10.455877
0.50000      5.382795      631.793563      10.455877
540.361439      84.436168      4078.947      10.455877
0.75000      5.382795      658.472692      10.455877
540.361439      82.370299      3663.745      10.455877
1.00000      5.382795      685.699096      10.455877
540.361439      83.814616      3235.734      10.455877
```

COMB DL-G2-3-----MIN

```
REL DIST      P      M2      M3      V3
0.00000      -4.520492      -176.466548      -6.824387
-682.197033      -74.844768      -3060.694      -6.824387
0.25000      -4.520492      -158.099106      -6.824387
-682.008401      -75.428465      -3200.712      -6.824387
0.50000      -4.520492      -140.669090      -6.824387
-681.819768      -76.983610      -3345.004      -6.824387
0.75000      -4.520492      -124.338156      -6.824387
-681.631135      -79.621347      -3486.851      -6.824387
1.00000      -4.520492      -109.398931      -6.824387
-681.442502      -84.267731      -3638.479      -6.824387
```

COMB DB-----MAX

```
REL DIST      P      M2      M3      V3
0.00000      3
```

0.75000 -1.982279 -47.099935 -0.320342
-468.442740 -43.177069 -2073.342
1.00000 -1.982279 -31.901107 -0.320342
-468.442740 -46.268798 -1519.424
COMB DB-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 2.957287 574.104619 9.312804
309.151970 2.957287 574.104619 9.312804
0.25000 2.957287 600.968735 9.312804
309.151970 45.012905 2380.787 9.312804
0.50000 2.957287 628.541013 9.312804
309.151970 2.957287 628.541013 9.312804
0.75000 2.957287 656.451234 9.312804
309.151970 34.438387 1583.136 9.312804
0.00000 2.957287 684.373149 9.312804
309.151970 31.930849 1183.153
COMB DB-G2-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.755577 -150.779670 -0.971929
-635.678892 -50.844318 -2073.342
0.25000 -2.755577 -123.580628 -0.971929
-635.678892 -54.892130 -2208.679 9.312804
0.50000 -2.755577 -98.794753 -0.971929
-635.678892 -100.707718 -2344.171 9.312804
0.75000 -2.755577 -75.858022 -0.971929
-635.678892 -63.234792 -2479.664 9.312804
1.00000 -2.755577 -54.453256 -0.971929
-635.678892 -67.518709 -2615.210
COMB DB-G2-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 3.748232 624.291278 8.606113
605.568015 72.755458 3044.713 8.606113
0.25000 3.748232 648.399973 8.606113
605.568015 68.055830 2577.746 8.606113
0.50000 3.748232 673.142882 8.606113
605.568015 64.562462 2107.271 8.606113
0.75000 3.748232 698.192571 8.606113
605.568015 62.351438 1700.590 8.606113
1.00000 3.748232 723.240817 8.606113
605.568015 62.200421 1347.340
COMB DB-G2-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -3.665407 -144.474720 -5.595210
-692.018232 -62.255577 -2636.158
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 V2 V3
0.25000 -3.665407 -120.079885 -5.595210
-692.018232 -62.255577 -2636.158
0.50000 -3.665407 -97.835654 -5.595210
-692.018232 -60.581125 -2881.491 9.312804
0.75000 -3.665407 -77.254393 -5.595210
-692.018232 -61.543154 -3127.959 9.312804
1.00000 -3.665407 -58.052969 -5.595210
-692.018232 -68.815007 -3127.959
COMB DL-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 2.338021 140.161853 0.271098
532.779749 42.119397 929.013953 0.271098
0.25000 2.338021 140.603546 0.271098
533.543659 47.923362 792.413711 0.271098
0.50000 2.338021 140.653307 0.271098
534.377471 53.155779 660.425007 0.271098
0.75000 2.338021 141.542612 0.271098
535.267471 59.895735 571.127028 0.271098
1.00000 2.338021 142.030773 0.271098
536.200991 67.480500 524.688309
COMB DL-G1-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.244633 -27.389101 -9.105810
-182.546936 -30.818122 -1219.835 9.105810
0.25000 -2.244633 -27.074393 -9.105810
-181.480464 -24.508428 -1211.110 9.105810
0.50000 -2.244633 -26.771930 -9.105810
-180.471666 -19.207879 -1206.104 9.105810
0.75000 -2.244633 -26.507811 -9.105810
-179.525214 -15.357921 -1227.322 9.105810
1.00000 -2.244633 -26.262610 -9.105810
-178.653026 -12.868506 -1294.959
COMB DL-G1-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 3.425345 348.038651 1.288203
804.991440 76.200771 1912.020 1.288203
0.25000 3.425345 348.912607 1.288203
806.431675 83.304876 1597.909 1.288203
0.50000 3.425345 349.925529 1.288203
808.005003 81.298433 1321.740 1.288203
0.75000 3.425345 350.768700 1.288203
809.688756 100.265772 1144.282 1.288203
1.00000 3.425345 351.732938 1.288203
811.454567 110.289235 1058.637
COMB DL-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -3.152368 -46.867777 -11.369854
-395.264713 -57.884967 -2341.857 11.369854
0.25000 -3.152368 -46.249561 -11.369854
-393.227239 -51.857693 -2377.748 11.369854
0.50000 -3.152368 -45.671757 -11.369854
-391.288993 -47.022047 -2453.710 11.369854
0.75000 -3.152368 -45.139392 -11.369854
-389.474332 -43.733486 -2601.305 11.369854
1.00000 -3.152368 -44.658747 -11.369854
-387.804347 -42.028898 -2836.879
COMB DL-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 5.237479 623.972775 7.407379
787.835479 91.083367 3000.319 7.407379
0.25000 5.237479 645.000313 7.407379
787.838244 93.866606 2572.375 7.407379
0.50000 5.237479 667.445155 7.407379
788.225023 98.213315 2184.706 7.407379
0.75000 5.237479 690.000000 7.407379
796.749642 104.394786 1888.574 7.407379
1.00000 5.237479 713.530363 7.407379
819.215159 112.309768 1680.296 7.407379
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -4.787277 -124.879845 -10.602199
-715.741655 -80.163458 -3362.091 10.602199
0.25000 -4.787277 -111.267143 -10.602199

-864.860098 -78.508327 -3529.894 10.602199
0.50000 -4.787277 -98.500199 -10.602199
-863.661452 -76.336677 -3361.991 10.602199
0.75000 -4.787277 -86.715270 -10.602199
-824.273982 -80.077052 -4161.836 10.602199
1.00000 -4.787277 -76.097213 -10.602199
-813.932511 -83.681309 -4650.433
COMB DL-G2-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 2.959066 394.712220 9.765112
193.456582 28.228490 1573.738 9.765112
0.25000 2.959066 416.800208 9.765112
193.456582 22.174128 1376.874 9.765112
0.50000 2.959066 439.725547 9.765112
193.456582 15.391979 1194.089 9.765112
0.75000 2.959066 463.206941 9.765112
193.456582 15.321441 932.977 9.765112
1.00000 2.959066 487.044008 9.765112
193.456582 15.14294 868.970510
COMB DL-G2-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.593026 -82.788921 -0.449569
-533.580737 -46.805794 -1605.838 0.449569
0.25000 -2.593026 -70.559157 -0.449569
-543.294488 -46.805208 -1784.417 0.449569
0.50000 -2.593026 -59.019855 -0.449569
-553.018239 -59.907393 -2131.595 0.449569
0.75000 -2.593026 -48.381885 -0.449569
-562.736991 -68.006080 -2406.102 0.449569
1.00000 -2.593026 -38.835234 -0.449569
-572.455742 -77.055958 -2724.645
COMB DL-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 4.261869 655.436376 12.030244
356.912533 59.050995 2725.586 12.030244
0.25000 4.261869 685.217816 12.030244
356.912533 53.152129 2351.452 12.030244
0.50000 4.261869 716.131452 12.030244
356.912533 48.701473 2019.420 12.030244
0.75000 4.261869 747.893337 12.030244
356.912533 45.964265 1743.608 12.030244
1.00000 4.261869 780.169417 12.030244
356.912533 44.723471 1516.894
COMB DL-G2-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -3.697450 -130.834586 -1.295926
-751.569439 -73.029859 -2744.089 1.295926
0.25000 -3.697450 -113.276494 -1.295926
-751.386108 -80.942116 -3007.791 1.295926
0.50000 -3.697450 -96.698977 -1.295926
-751.202777 -89.746544 -3392.288 1.295926
0.75000 -3.697450 -81.449394 -1.295926
-751.019445 -99.580708 -3876.728 1.295926
1.00000 -3.697450 -67.711391 -1.295926
-750.836114 -110.358185 -4450.511
COMB DL-G2-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 5.413527 719.710007 11.163620
706.491381 84.190042 3233.171 11.163620
0.25000 5.413527 746.526962 11.163620
706.491381 82.181998 2770.899 11.163620
0.50000 5.413527 774.364118 11.163620
706.491381 80.060660 2355.635 11.163620
0.75000 5.413527 802.955576 11.163620
706.491381 84.227554 2026.466 11.163620
1.00000 5.413527 832.028115 11.163620
706.491381 88.454110 1785.411 11.163620
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -4.840918 -131.335332 -11.369854
-828.737427 -85.714022 -3637.856 11.369854
0.25000 -4.840918 -115.523041 -11.369854
-828.548768 -88.596351 -3878.860 11.369854
0.50000 -4.840918 -100.529813 -11.369854
-828.360108 -93.214607 -4237.344 11.369854
0.75000 -4.840918 -86.859639 -11.369854
-828.171449 -100.876665 -4693.629 11.369854
1.00000 -4.840918 -76.097213 -11.369854
-827.982790 -110.358185 -5270.437
COMB DB ----- MAX
REL DIST P M2 V2 V3
0.00000 3.748232 624.291278 9.312804
687.149567 77.580995 3044.713 9.312804
0.25000 3.748232 648.399973 9.312804
689.977123 77.474377 2577.746 9.312804
0.50000 3.748232 673.142882 9.312804
692.842424 83.923581 2184.706 9.312804
0.75000 3.748232 698.192571 9.312804
696.072840 80.923974 1700.590 9.312804
1.00000 3.748232 723.240817 9.312804
699.759574 83.941454 1347.340
COMB DB ----- MIN
REL DIST P M2 V2 V3
0.00000 -3.665407 -150.779670 -8.923700
-692.018232 -62.255577 -2636.158 8.923700
0.25000 -3.665407 -123.580628 -8.923700
-692.018232 -60.954428 -2758.466 8.923700
0.50000 -3.665407 -98.794753 -8.923700
-692.018232 -60.581125 -2881.491 8.923700
0.75000 -3.665407 -77.254393 -8.923700
-692.018232 -64.671543 -3004.585 8.923700
1.00000 -3.665407 -60.781753 -8.923700
-692.018232 -68.615007 -3127.959
COMB DL ----- MAX
REL DIST P M2 V2 V3
0.00000 5.413527 719.710007 12.030244
804.991440 91.083367 3235.771 12.030244
0.25000 5.413527 746.526962 12.030244
806.431675 93.866606 2770.899 12.030244
0.50000 5.413527 774.364118 12.030244
808.005003 98.213315 2355.635 12.030244
0.75000 5.413527 802.955576 12.030244
809.688756 104.394786 2026.466 12.030244
1.00000 5.413527 832.028115 12.030244
819.215159 112.309768 1785.411
COMB DL ----- MIN
REL DIST P M2 V2 V3
0.00000 -4.840918 -131.335332 -11.369854
-828.737427 -85.714022 -3637.856 11.369854
0.25000 -4.840918 -115.523041 -11.369854
-828.548768 -88.596351 -3878.860 11.369854
0.50000 -4.840918 -100.529813 -11.369854
-828.360108 -93.214607 -4237.344 11.369854
0.75000 -4.840918 -86.859639 -11.369854
-828.171449 -100.876665 -4693.629 11.369854
1.00000 -4.840918 -76.097213 -11.369854
-827.982790 -110.358185 -5270.437
COMB CAR ----- MAX

REL DIST P M2 V2 V3
0.00000 5.413527 719.710007 12.030244
804.991440 91.083367 3235.771 12.030244
0.25000 5.413527 746.526962 12.030244
806.431675 93.866606 2770.899 12.030244
0.50000 5.413527 774.364118 12.030244
808.005003 98.213315 2355.635 12.030244
0.75000 5.413527 802.955576 12.030244
809.688756 104.394786 2026.466 12.030244
1.00000 5.413527 832.028115 12.030244
819.215159 112.309768 1785.411
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FRAME ELEMENT INTERNAL FORCES
COMB CAR ----- MIN
REL DIST P M2 V2 V3
0.00000 -4.840918 -150.779670 -11.369854
-828.737427 -85.714022 -3637.856 11.369854
0.25000 -4.840918 -123.580628 -11.369854
-828.548768 -88.596351 -3878.860 11.369854
0.50000 -4.840918 -100.529813 -11.369854
-828.360108 -93.214607 -4237.344 11.369854
0.75000 -4.840918 -86.859639 -11.369854
-828.171449 -100.876665 -4693.629 11.369854
1.00000 -4.840918 -76.097213 -11.369854
-827.982790 -110.358185 -5270.437
COMB DESIGN ----- MAX
REL DIST P M2 V2 V3
0.00000 5.413527 719.710007 12.030244
804.991440 91.083367 3235.771 12.030244
0.25000 5.413527 746.526962 12.030244
806.431675 93.866606 2770.899 12.030244
0.50000 5.413527 774.364118 12.030244
808.005003 98.213315 2355.635 12.030244
0.75000 5.413527 802.955576 12.030244
809.688756 104.394786 2026.466 12.030244
1.00000 5.413527 832.028115 12.030244
819.215159 112.309768 1785.411
COMB DESIGN ----- MIN
REL DIST P M2 V2 V3
0.00000 -4.840918 -150.779670 -11.369854
-828.737427 -85.714022 -3637.856 11.369854
0.25000 -4.840918 -123.580628 -11.369854
-828.548768 -88.596351 -3878.860 11.369854
0.50000 -4.840918 -100.529813 -11.369854
-828.360108 -93.214607 -4237.344 11.369854
0.75000 -4.840918 -86.859639 -11.369854
-828.171449 -100.876665 -4693.629 11.369854
1.00000 -4.840918 -76.097213 -11.369854
-827.982790 -110.358185 -5270.437
ELEM 62 ----- LENGTH
COMB DB-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 1.952846 107.373292 1.765145
397.719465 44.784180 345.449185 1.765145
0.25000 1.952846 107.773114 1.765145
399.023977 45.365113 348.626971 1.765145
0.50000 1.952846 108.176232 1.765145
400.700554 46.130711 353.889494 1.765145
0.75000 1.952846 108.579234 1.765145
401.429894 47.103759 360.945609 1.765145
1.00000 1.952846 109.015017 1.765145
402.807314 48.178559 368.001724
COMB DB-G1-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.090672 -50.512322 -5.668427
-266.392756 -57.844114 -875.750715 5.668427
0.25000 -2.090672 -49.983512 -5.668427
-265.018493 -56.26002 -833.398327 5.668427
0.50000 -2.090672 -49.751201 -5.668427
-263.792167 -56.26099 -791.992744 5.668427
0.75000 -2.090672 -49.498351 -5.668427
-262.608684 -56.198135 -752.416795 5.668427
1.00000 -2.090672 -49.299262 -5.668427
-261.531198 -56.434202 -713.877637
COMB DB-G1-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 2.882925 298.221728 2.744071
646.159015 78.937286 719.010120 2.744071
0.25000 2.882925 299.321300 2.744071
648.149839 82.569112 659.919112 2.744071
0.50000 2.882925 300.430103 2.744071
652.350752 83.247287 633.856805 2.744071
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 V2 V3
0.75000 2.882925 301.538824 2.744071
655.683522 85.725480 679.94772 2.744071
1.00000 2.882925 302.735480 2.744071
659.441633 88.427782 696.054243
COMB DB-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.786345 -62.377921 -7.759360
-476.638708 -28.683565 -1833.341 7.759360
0.25000 -2.786345 -61.275939 -7.759360
-472.888581 -30.040736 -1813.829 7.759360
0.50000 -2.786345 -60.287720 -7.759360
-469.538522 -31.397906 -1795.580 7.759360
0.75000 -2.786345 -59.600810 -7.759360
-465.398411 -32.700776 -1777.776 7.759360
1.00000 -2.786345 -59.60041 -7.759360
-463.363236 -34.112246 -1763.559
COMB DB-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 4.088769 605.036122 6.341529
707.424403 84.561828 1236.104 6.341529
0.25000 4.088769 624.725538 6.341529
707.424403 84.953096 968.260793 6.341529
0.50000 4.088769 644.627218 6.341529
707.424403 85.947340 922.022321 6.341529
0.75000 4.088769 664.627218 6.341529
707.424403 87.013134 949.214898 6.341529
1.00000 4.088769 685.146877 6.341529
726.938547 90.226002 976.418325
COMB DB-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -4.021032 -106.381

-571.878648 -43.394686 -3067.162 -8.541074
0.50000 -3.485068 -77.613473
-570.010458 -46.41788477 -3452.876 -8.541074
0.75000 -3.485068 -77.167215
-568.282140 -46.837827 -3667.055 -8.541074
1.00000 -3.485068 -76.776518
-566.710964 -48.915366 -4009.109

COMB DL-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 5.363390 740.656640 7.166100
855.090941 113.206482 1679.801
0.25000 5.363390 763.000249 7.166100
856.185992 117.006749 1471.118
0.50000 5.363390 787.915651 7.166100
859.378375 122.365432 1345.490
0.75000 5.363390 812.430798 7.166100
873.851198 128.675591 1269.019
1.00000 5.363390 837.096708 7.166100
900.574670 135.700661 1289.607

COMB DL-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -5.136204 -122.297472 -9.073846
-826.362510 -85.045593 -4650.232
0.25000 -5.136204 -111.011553 -9.073846
-796.953119 -87.465484 -5218.335
0.50000 -5.136204 -100.640195 -9.073846
-768.148912 -91.335703 -5867.923
0.75000 -5.136204 -91.353100 -9.073846
-760.832372 -96.675735 -6602.043
1.00000 -5.136204 -83.305261 -9.073846
-755.540594 -102.381573 -7397.380

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 3.015187 529.376521 6.848734
362.154760 5.714283 869.500823 6.848734
0.25000 3.015187 554.102111 6.848734
362.152441 5.714283 869.500823 6.848734
0.50000 3.015187 579.524751 6.848734
361.557611 5.714283 869.500823 6.848734
0.75000 3.015187 605.263126 6.848734
359.964382 5.714283 869.500823 6.848734
1.00000 3.015187 631.356410 6.848734
357.074316 18.683321 550.565051

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -2.706624 -41.754968 -1.550076
-514.488805 -77.651823 -2724.557
0.25000 -2.706624 -32.501362 -1.550076
-524.205546 -82.799915 -3163.878
0.50000 -2.706624 -24.008404 -1.550076
-533.328176 -88.073474 -3650.344
0.75000 -2.706624 -17.836851 -1.550076
-541.353207 -93.442073 -4222.151
1.00000 -2.706624 -10.000000 -1.550076
-548.281401 -99.315328 -4866.884
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 4.162311 846.472144 9.012636
542.000508 44.994389 1517.429
0.25000 4.162311 879.459224 9.012636
542.000508 44.994389 1517.429
0.50000 4.162311 913.412636 9.012636
542.000508 46.806169 1099.590
0.75000 4.162311 947.797434 9.012636
542.000508 48.200508 1099.590
1.00000 4.162311 982.811527 9.012636
542.004103 51.066859 1013.441

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -3.731117 -72.249478 -3.287682
-714.690984 -111.711990 -4449.473
0.25000 -3.731117 -58.637933 -3.287682
-714.507662 -117.017749 -5192.786
0.50000 -3.731117 -45.670277 -3.287682
-714.324340 -123.657946 -6019.469
0.75000 -3.731117 -34.216144 -3.287682
-714.141018 -130.869930 -6938.396
1.00000 -3.731117 -30.378551 -3.287682
-713.961302 -139.378621 -7936.567

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 5.468519 891.076715 9.194066
859.706798 89.133255 1785.441
0.25000 5.468519 920.779614 9.194066
859.706798 92.311320 1534.291
0.50000 5.468519 951.351589 9.194066
859.706798 95.351589 1375.787
0.75000 5.468519 982.314241 9.194066
873.851198 130.091072 1290.292
1.00000 5.468519 1013.843 9.194066
859.711022 107.238919 1314.905

COMB DL-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -5.101996 -98.082920 -7.198145
-902.215704 -111.724546 -5269.269
0.25000 -5.101996 -85.588229 -7.198145
-902.027054 -117.426602 -6011.803
0.50000 -5.101996 -74.084828 -7.198145
-901.838404 -123.982380 -6820.789
0.75000 -5.101996 -63.224550 -7.198145
-901.649755 -131.056462 -7727.453
1.00000 -5.101996 -60.362763 -7.198145
-901.465340 -139.304461 -8705.524

COMB DB ----- MAX

REL DIST T P M2 M3 V3
0.00000 4.174931 720.121899 8.014860
708.761251 84.561828 1348.260
0.25000 4.174931 744.121899 8.014860
708.761251 84.953096 986.545273
0.50000 4.174931 768.512581 8.014860
708.761251 85.947340 937.899500
0.75000 4.174931 792.934661 8.014860
708.761251 87.701314 968.473752
1.00000 4.174931 817.149633 8.014860
726.938547 90.226002 999.071978

COMB DB ----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.021032 -106.381385 -8.624725
-736.147617 -69.082145 -3128.102
0.25000 -4.021032 -97.863186 -8.624725
-736.147617 -70.428282 -3275.314
0.50000 -4.021032 -75.753192 -8.624725
-736.147617 -72.672608 -3423.635
0.75000 -4.021032 -66.222860 -8.624725
-736.147617 -70.428282 -3275.314
1.00000 -4.021032 -63.357183 -8.624725
-736.147617 -79.693295 -3722.295
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 5.468519 891.076715 9.194066
859.706798 113.206482 1785.441
0.25000 5.468519 920.779614 9.194066
859.706798 117.006749 1534.291
0.50000 5.468519 951.351589 9.194066
859.706798 123.016474 1375.787
0.75000 5.468519 982.314241 9.194066
873.851198 130.091072 1290.292
1.00000 5.468519 1013.843 9.194066
900.574670 137.292358 1314.905

COMB DL-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -5.136204 -122.297472 -9.073846
-902.215704 -111.724546 -5269.269
0.25000 -5.136204 -111.011553 -9.073846
-902.027054 -117.426602 -6011.803
0.50000 -5.136204 -100.640195 -9.073846
-901.838404 -123.982380 -6820.789
0.75000 -5.136204 -91.353100 -9.073846
-901.649755 -131.056462 -7727.453
1.00000 -5.136204 -83.305261 -9.073846
-901.465340 -139.378621 -8705.524

COMB CAR ----- MAX

REL DIST T P M2 M3 V3
0.00000 5.468519 891.076715 9.194066
859.706798 113.206482 1785.441
0.25000 5.468519 920.779614 9.194066
859.706798 117.006749 1534.291
0.50000 5.468519 951.351589 9.194066
859.706798 123.016474 1375.787
0.75000 5.468519 982.314241 9.194066
873.851198 130.091072 1290.292
1.00000 5.468519 1013.843 9.194066
900.574670 137.292358 1314.905

COMB CAR ----- MIN

REL DIST T P M2 M3 V3
0.00000 -5.136204 -122.297472 -9.073846
-902.215704 -111.724546 -5269.269
0.25000 -5.136204 -111.011553 -9.073846
-902.027054 -117.426602 -6011.803
0.50000 -5.136204 -100.640195 -9.073846
-901.838404 -123.982380 -6820.789
0.75000 -5.136204 -91.353100 -9.073846
-901.649755 -131.056462 -7727.453
1.00000 -5.136204 -83.305261 -9.073846
-901.465340 -139.378621 -8705.524

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V3
0.00000 5.468519 891.076715 9.194066
859.706798 113.206482 1785.441
0.25000 5.468519 920.779614 9.194066
859.706798 117.006749 1534.291
0.50000 5.468519 951.351589 9.194066
859.706798 123.016474 1375.787
0.75000 5.468519 982.314241 9.194066
873.851198 130.091072 1290.292
1.00000 5.468519 1013.843 9.194066
900.574670 137.292358 1314.905

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V3
0.00000 -5.136204 -122.297472 -9.073846
-902.215704 -111.724546 -5269.269
0.25000 -5.136204 -111.011553 -9.073846
-902.027054 -117.426602 -6011.803
0.50000 -5.136204 -100.640195 -9.073846
-901.838404 -123.982380 -6820.789
0.75000 -5.136204 -91.353100 -9.073846
-901.649755 -131.056462 -7727.453
1.00000 -5.136204 -83.305261 -9.073846
-901.465340 -139.378621 -8705.524

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FRAME ELEMENT INTERNA
L FORCES

ELEM 63 ===== LENGTH = 3.508192

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 2.320127 55.842111 5.293316
290.474415 49.161240 67.987929
0.25000 2.320127 55.842111 5.293316
291.300687 46.518044 341.550312
0.50000 2.320127 55.842111 5.293316
292.156702 44.124396 315.112694
0.75000 2.320127 55.842111 5.293316
293.039478 41.924758 288.675077
1.00000 2.320127 55.842111 5.293316
293.941226 39.971459 268.832367

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -2.407590 -100.672749 -2.436686
-372.819485 -9.346672 -712.927025
0.25000 -2.407590 -100.384888 -2.436686
-371.938011 -9.605535 -642.320153
0.50000 -2.407590 -100.093130 -2.436686
-371.059005 -8.574398 -672.860201
0.75000 -2.407590 -99.799550 -2.436686
-370.192116 -8.184260 -610.657014
1.00000 -2.407590 -99.505475 -2.436686
-369.343817 -7.802123 -749.004470

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 3.360781 80.740131 7.751814
526.328249 89.557116 696.070464
0.25000 3.360781 80.740131 7.751814
526.328249 89.557116 696.070464
0.50000 3.360781 80.740131 7.751814
526.328249 89.557116 696.070464
0.75000 3.360781 80.740131 7.751814
526.328249 89.557116 696.070464
1.00000 3.360781 80.740131 7.751814
526.328249 89.557116 696.070464

COMB DB-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -3.220619 -299.058786 -4.027481
-631.059357 -35.144289 -1762.213
0.25000 -3.220619 -298.264170 -4.027481
-628.652601 -33.852058 -1604.118
0.50000 -3.220619 -297.468440 -4.027481
-626.253212 -32.559827 -1622.780
0.75000 -3.220619 -296.655550 -4.027481
-623.888025 -31.267596 -1644.828
1.00000 -3.220619 -295.848150 -4.027481

-621.607630 -29.975365 -1667.146

COMB DB-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 4.647105 102.457235 8.937619
660.874664 91.272952 976.435762
0.25000 4.647105 102.457235 8.937619
660.874664 87.101598 904.700358
0.50000 4.647105 102.457235 8.937619
660.874664 83.486735 832.964953
0.75000 4.647105 102.457235 8.937619
663.951967 80.332282 761.229549
0.90000 4.647105 102.457235 8.937619
687.416413 77.780079 773.981530

COMB DB-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.485802 -678.547805 -6.793978
-699.893847 -61.655499 -3202.687
0.25000 -4.485802 -664.534824 -6.793978
-699.893847 -59.977988 -2934.169
0.50000 -4.485802 -650.350068 -6.793978
-699.893847 -58.625381 -2876.429
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FRAME ELEMENT INTERNA
L FORCES

REL DIST T P M2 M3 V3
0.75000 -4.485802 -636.127496 -6.793978
-699.893847 -57.357256 -2821.666
1.00000 -4.485802 -621.956811 -6.793978
-699.893847 -56.177811 -2767.213

COMB DB-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 2.380872 36.010052 1.768265
392.872380 13.470380 420.101624
0.25000 2.380872 36.010052 1.768265
392.872380 12.473226 388.521083
0.50000 2.380872 36.010052 1.768265
392.872380 11.750678 359.93542
0.75000 2.380872 36.010052 1.768265
392.872380 11.030594 325.356000
1.00000 2.380872 36.010052 1.768265
392.872380 10.332834 384.343687

COMB DB-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -2.284800 -505.191949 -5.512580
-306.923136 -50.717391 -2064.845
0.25000 -2.284800 -491.656811 -5.512580
-306.923136 -50.552976 -1899.893
0.50000 -2.284800 -477.966965 -5.512580
-306.923136 -50.466317 -169.95.668
0.75000 -2.284800 -464.304676 -5.512580
-306.923136 -50.526141 -1691.647
1.00000 -2.284800 -450.790614 -5.512580
-306.923136 -50.655993 -1587.627

COMB DB-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 3.470667 65.465810 3.966662
582.397132 39.855923 768.616013
0.25000 3.470667 65.465810 3.966662
582.397132 38.005419 711.193960
0.50000 3.470667 65.465810 3.966662
582.397132 36.234738 653.782707
0.75000 3.470667 65.465810 3.966662
582.397132 34.474332 596.360504
1.00000 3.470667 65.465810 3.966662
582.397132 32.616025 659.351848

COMB DB-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -3.141582 -795.889888 -7.464309
-493.849310 -78.131873 -3368.393
0.25000 -3.141582 -777.019099 -7.464309
-493.849310 -76.188990 -3171.754
0.50000 -3.141582 -757.923660 -7.464309
-493.849310 -74.283106 -2960.586
0.75000 -3.141582 -738.826043 -7.464309
-493.849310 -72.567489 -2713.651
1.00000 -3.141582 -719.857824 -7.464309
-493.849310 -70.990815 -2674.851

COMB DB-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 4.673186 88.713637 7.419722
749.972429 72.493034 999.085479
0.25000 4.673186 88.713637 7.419722
749.972429 68.698199 925.195290
0.50000 4.673186 88.713637 7.419722
749.972429 65.049367 851.305101
0.75000 4.673186 88.713637 7.419722
749.972429 61.564540 777.414932
0.90000 4.673186 88.713637 7.419722
749.972429 58.444304 811.616693

COMB DB-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.429063 -916.716636 -8.041774
-724.251344 -81.058667 -3722.648
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FRAME ELEMENT INTERNA
L FORCES

REL DIST T P M2 M3 V3
0.25000 -4.429063 -799.782845 -8.041774
-724.251344 -79.646021 -3417.661
0.50000 -4.429063 -782.642711 -8.041774
-724.251344 -78.352424 -3308.559
0.75000 -4.429063 -765.510651 -8.041774
-724.251344 -77.191272 -3199.726
0.90000 -4.429063 -748.480515 -8.041774
-724.251344 -76.152599 -3091.553

COMB DL-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 3.041392 98.365959 5.334184
382.705192 84.992045 490.91956
0.25000 3.041392 98.365959 5.334184
383.320331 81.874371 456.212264
0.50000 3.041392 98.365959 5.334184
383.979736 78.962884 423.826193
0.75000 3.041392 98.365959 5.334184
384.680337 76.292264 394.294859
1.00000 3.041392 99.054574 5.334184
385.417754 73.869599 368.954829

COMB DL-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -3.060227 -137.282957 -2.261733
-475.468985 -11.611402 -1556.842
0.25000 -3.060227 -136.921447 -2.261733

-474.784897 -11.188693 -1500.794

COMB DL-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 4.100774 140.496589 8.417134
649.394607 138.698786 921.442776
0.25000 4.100774 140.496589 8.417134
650.570584 133.180264 854.951736
0.50000 4.100774 141.118895 8.417134
651.830983 127.762222 792.365562
0.75000 4.100774 141.462881 8.417134
653.169376 122.538611 746.985899
1.00000 4.100774 141.836374 8.417134
654.579189 117.500180 743.784556

COMB DL-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.063191 -398.133127 -4.676980
-759.760696 -60.394952 -4009.403
0.25000 -4.063191 -397.417881 -4.676980
-758.455795 -61.1

```
-887.146682 -136.216923 -7948.689 -9.395926
0.50000 -5.465457 -1016.023
-887.146682 -131.619479 -7948.011
0.75000 -5.465457 -994.247296 -9.395926
-887.146682 -127.255931 -6584.609
1.00000 -5.465457 -972.818154 -9.395926
-887.146682 -123.129557 -5981.599

COMB DB ----- MAX

REL DIST T P M2 M3 V3
0.00000 4.673186 102.457235 8.937619
749.972429 91.272952 999.085479 8.937619
0.25000 4.673186 102.457235 8.937619
749.972429 87.101598 925.195290 8.937619
0.50000 4.673186 102.457235 8.937619
749.972429 83.466735 851.305101 8.937619
0.75000 4.673186 102.457235 8.937619
749.972429 80.332282 777.414912 8.937619
1.00000 4.673186 105.418972 8.937619
749.972429 77.780079 811.616693 8.937619

COMB DB ----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.485802 -816.716636 -8.041774
-724.251344 -4.81058667 -3722.648
0.25000 -4.485802 -799.782945 -8.041774
-724.251344 -4.646021 -3722.648
0.50000 -4.485802 -782.647557 -8.041774
-724.251344 -4.78356242 -3308.559
0.75000 -4.485802 -765.510651 -8.041774
-724.251344 -4.7191272 -3189.726
1.00000 -4.485802 -748.490185 -8.041774
-724.251344 -76.152599 -3091.553

COMB DL ----- MAX

REL DIST T P M2 M3 V3
0.00000 5.827746 169.080599 9.458981
927.190665 138.669786 1314.924
0.25000 5.827746 169.632344 9.458981
927.319087 133.180264 1224.860
0.50000 5.827746 174.5359979 9.458981
927.451117 127.782227 1176.756
0.75000 5.827746 181.582256 9.458981
927.583148 122.538611 1196.614
1.00000 5.827746 189.126388 9.458981
927.715182 117.500180 1262.441

COMB DL ----- MIN

REL DIST T P M2 M3 V3
0.00000 -5.650713 -1060.399 -9.395926
-887.150283 -140.959097 -8705.064
0.25000 -5.650713 -1038.125 -9.395926
-887.146682 -136.216923 -7948.689
0.50000 -5.650713 -1016.023 -9.395926
-887.146682 -131.619479 -7948.011
0.75000 -5.650713 -994.247296 -9.395926
-887.146682 -127.255931 -6584.609
1.00000 -5.650713 -972.818154 -9.395926
-887.146682 -123.630044 -5981.599

COMB CAR ----- MAX

REL DIST T P M2 M3 V3
0.00000 5.827746 169.080599 9.458981
927.190665 138.669786 1314.924
0.25000 5.827746 169.632344 9.458981
927.319087 133.180264 1224.860
0.50000 5.827746 174.5359979 9.458981
927.451117 127.782227 1176.756
0.75000 5.827746 181.582256 9.458981
927.583148 122.538611 1196.614
1.00000 5.827746 189.126388 9.458981
927.715182 117.500180 1262.441
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST T P M2 M3 V3
0.00000 -5.650713 -1060.399 -9.395926
-887.150283 -140.959097 -8705.064
0.25000 -5.650713 -1038.125 -9.395926
-887.146682 -136.216923 -7948.689
0.50000 -5.650713 -1016.023 -9.395926
-887.146682 -131.619479 -7948.011
0.75000 -5.650713 -994.247296 -9.395926
-887.146682 -127.255931 -6584.609
1.00000 -5.650713 -972.818154 -9.395926
-887.146682 -123.630044 -5981.599

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V3
0.00000 5.827746 169.080599 9.458981
927.190665 138.669786 1314.924
0.25000 5.827746 169.632344 9.458981
927.319087 133.180264 1224.860
0.50000 5.827746 174.5359979 9.458981
927.451117 127.782227 1176.756
0.75000 5.827746 181.582256 9.458981
927.583148 122.538611 1196.614
1.00000 5.827746 189.126388 9.458981
927.715182 117.500180 1262.441

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V3
0.00000 -5.650713 -1060.399 -9.395926
-887.150283 -140.959097 -8705.064
0.25000 -5.650713 -1038.125 -9.395926
-887.146682 -136.216923 -7948.689
0.50000 -5.650713 -1016.023 -9.395926
-887.146682 -131.619479 -7948.011
0.75000 -5.650713 -994.247296 -9.395926
-887.146682 -127.255931 -6584.609
1.00000 -5.650713 -972.818154 -9.395926
-887.146682 -123.630044 -5981.599

ELEM 64 ----- LENGTH = 5.013499

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 2.706964 31.471630 7.431969
168.163078 41.110338 263.766437 7.431969
0.25000 2.706964 31.694860 7.431969
169.259009 40.901459 263.766437 7.431969
0.50000 2.706964 32.054562 7.431969
170.386925 39.971677 201.403044 7.431969
0.75000 2.706964 32.434953 7.431969
171.596371 39.655444 296.66070 7.431969
1.00000 2.706964 32.884980 7.431969
172.962449 29.508059 404.349444 7.431969

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -2.755062 -115.947009 -0.540593
-430.590432 -8.753195 -749.795865 -0.540593
0.25000 -2.755062 -115.466819 -0.540593
-429.206637 -8.135054 -768.737895 -0.540593
0.50000 -2.755062 -115.063398 -0.540593
-427.998108 -8.528227 -784.731651 -0.540593
0.75000 -2.755062 -114.643806 -0.540593
-426.886384 -11.7039962 -802.734914 -0.540593
1.00000 -2.755062 -114.232072 -0.540593
```

```
-425.821222 -20.130284 -821.143913

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 3.805710 58.881278 6.999702
350.632795 74.422371 498.192827 6.999702
0.25000 3.805710 59.630217 6.999702
353.533387 67.817488 490.584478 6.999702
0.50000 3.805710 61.810000 6.999702
356.700997 63.694880 546.133687 6.999702
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.75000 3.805710 61.664490 6.999702
360.001296 59.734489 592.575405 6.999702
1.00000 3.805710 62.898781 6.999702
363.743388 55.998873 1078.709

COMB DB-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -3.637058 -295.490180 -1.849591
-688.166227 -31.082681 -1868.307 -1.849591
0.25000 -3.637058 -294.235384 -1.849591
-684.395441 -29.480328 -1859.148 -1.849591
0.50000 -3.637058 -293.070740 -1.849591
-681.138062 -27.901377 -1850.306 -1.849591
0.75000 -3.637058 -291.916800 -1.849591
-678.107179 -30.261193 -1841.827 -1.849591
1.00000 -3.637058 -290.784497 -1.849591
-675.205145 -27.100577 -1633.629

COMB DB-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 5.171744 81.612191 9.288842
538.487486 79.286113 1773.882785 9.288842
0.25000 5.171744 87.699650 9.288842
538.487486 74.221798 97.236457 9.288842
0.50000 5.171744 104.942085 9.288842
548.253536 72.062639 57.052229 9.288842
0.75000 5.171744 123.225730 9.288842
577.254062 70.956134 1642.331 9.288842
1.00000 5.171744 143.433267 9.288842
605.296504 71.225926 2057.759

COMB DB-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.943040 -638.274088 -6.443582
-682.577447 -57.628965 -2767.751 -6.443582
0.25000 -4.943040 -616.887389 -6.443582
-676.766362 -54.055154 -2681.955 -6.443582
0.50000 -4.943040 -595.762172 -6.443582
-676.766362 -50.558566 -2596.424 -6.443582
0.75000 -4.943040 -575.057400 -6.443582
-676.766362 -50.514878 -2511.214 -6.443582
1.00000 -4.943040 -554.801266 -6.443582
-676.766362 -54.775845 -2426.545 -6.443582

COMB DB-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 2.596593 34.194809 0.799179
459.222964 10.906700 384.105711 0.799179
0.25000 2.596593 34.194809 0.799179
459.222964 9.966316 323.843114 0.799179
0.50000 2.596593 47.047722 0.799179
459.222964 9.026479 886.002715 0.799179
0.75000 2.596593 64.423857 0.799179
459.222964 10.215036 122.261 0.799179
1.00000 2.596593 82.020899 0.799179
459.222964 17.894783 1345.976

COMB DB-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -2.401620 -446.773351 -7.555992
-178.760250 -51.155752 -1586.681 -7.555992
0.25000 -2.401620 -426.851912 -7.555992
-178.760250 -47.969239 -1494.848 -7.555992
0.50000 -2.401620 -406.287368 -7.555992
-178.760250 -44.877682 -1377.019 -7.555992
0.75000 -2.401620 -385.917959 -7.555992
-178.760250 -41.805091 -1273.919 -7.555992
1.00000 -2.401620 -366.089662 -7.555992
-178.760250 -38.978958 -1167.499 -7.555992

COMB DB-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 3.706667 64.224222 1.713576
621.537589 31.243013 659.102583 1.713576
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.25000 3.706667 64.224222 1.713576
621.537589 31.096477 64.004077 1.713576
0.50000 3.706667 81.849657 1.713576
621.537589 33.789790 1416.459 1.713576
0.75000 3.706667 111.596373 1.713576
621.537589 39.280006 1830.383 1.713576
1.00000 3.706667 137.183323 1.713576
621.537589 46.101774 2233.562 1.713576

COMB DB-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -3.283821 -710.006776 -9.742652
-341.222319 -75.621432 -2574.031 -9.742652
0.25000 -3.283821 -681.633282 -9.742652
-341.222319 -71.210493 -2522.013 -9.742652
0.50000 -3.283821 -653.193189 -9.742652
-341.222319 -66.842355 -2469.994 -9.742652
0.75000 -3.283821 -625.028509 -9.742652
-341.222319 -62.599755 -2217.976 -9.742652
1.00000 -3.283821 -597.530129 -9.742652
-341.222319 -58.476516 -2066.202 -9.742652

COMB DB-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 5.152658 82.914194 6.609995
699.282781 59.655444 811.337105 6.609995
0.25000 5.152658 83.857960 6.609995
699.282781 55.080492 1089.888 6.609995
0.50000 5.152658 104.465584 6.609995
699.282781 55.850506 1484.283 6.609995
0.75000 5.152658 126.369790 6.609995
699.282781 59.391707 1911.803 6.609995
1.00000 5.152658 149.329014 6.609995
699.282781 64.251603 2384.066 6.609995

COMB DB-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.806978 -745.279191 -9.346438
-626.406731 -77.386520 -3091.436 -9.346438
0.25000 -4.806978 -719.823192 -9.346438
```

```
-626.406731 -72.709960 -2959.248 -9.346438
0.50000 -4.806978 -694.302019 -9.346438
-626.406731 -69.073809 -2827.177 -9.346438
0.75000 -4.806978 -669.024715 -9.346438
-626.406731 -63.551927 -2695.351 -9.346438
1.00000 -4.806978 -644.347698 -9.346438
-626.406731 -60.930145 -2563.825 -9.346438

COMB DL-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 3.636034 62.803491 9.308408
238.439232 75.181841 369.109683 9.308408
0.25000 3.636034 64.009269 9.308408
239.307768 66.005765 304.213412 9.308408
0.50000 3.636034 63.06265 9.308408
240.254234 58.296240 334.222344 9.308408
0.75000 3.636034 63.959514 9.308408
241.267412 51.436955 374.539523 9.308408
1.00000 3.636034 63.906412 9.308408
242.334063 45.465434 437.732928 9.308408

COMB DL-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -3.608556 -154.836321 -0.681967
-544.804762 -11.674616 -1352.521 -0.681967
0.25000 -3.608556 -154.336587 -0.681967
-543.802621 -10.001602 -123.786 -0.681967
0.50000 -3.608556 -153.847338 -0.681967
-542.930606 -13.076984 -1135.243 -0.681967
0.75000 -3.608556 -153.332217 -0.681967
-542.072404 -16.587060 -1060.074 -0.681967
1.00000 -3.608556 -152.919154 -0.681967
-541.285055 -21.484008 -1009.106 -0.681967
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 4.840944 102.779790 12.282932
450.505246 119.30348 743.898986 12.282932
0.25000 4.840944 104.331595 12.282932
452.169404 106.679117 702.237997 12.282932
0.50000 4.840944 103.764351 12.282932
453.982206 95.691603 21.567933 12.282932
0.75000 4.840944 104.331595 12.282932
455.923430 85.818852 838.067206 12.282932
1.00000 4.840944 104.939617 12.282932
457.965194 77.044432 1010.631 12.282932

COMB DL-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.716093 -383.827500 -2.471329
-824.919035 -43.288112 -3098.570 -2.471329
0.25000 -4.716093 -382.839907 -2.471329
-819.101907 -41.083306 -2763.207 -2.471329
0.50000 -4.716093 -381.872782 -2.471329
-821.368620 -39.619804 -2475.791 -2.471329
0.75000 -4.716093 -380.935516 -2.471329
-819.745933 -41.123535 -2338.580 -2.471329
1.00000 -4.716093 -380.037026 -2.471329
-818.258348 -45.417413 -2053.836 -2.471329

COMB DL-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 6.533474 142.472242 11.807451
678.116205 119.044629 1190.592 11.807451
0.25000 6.533474 152.597603 11.807451
685.769494 108.138137 1073.777 11.807451
0.50000 6.533474 163.966039 11.807451
710.117717 99.590917 1343.092 11.807451
0.75000 6.533474 176.352532 11.807451
720.324816 92.947543 1536.615 11.807451
1.00000 6.533474 189.621300 11.807451
772.854189 88.098651 1779.564 11.807451

COMB DL-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -6.235779 -778.404291 -8.541858
-867.278656 -52.11328 -5257.120 -8.541858
0.25000 -6.235779 -754.516645 -8.541858
-843.446883 -58.079742 -4608.083 -8.541858
0.50000 -6.235779 -731.000708 -8.541858
-832.543563 -78.724393 -4041.065 -8.541858
0.75000 -6.235779 -708.187347 -8.541858
-831.608521 -75.890213 -3555.163 -8.541858
1.00000 -6.235779 -686.195000 -8.541858
-831.604111 -75.231797 -3151.986 -8.541858

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 3.277239 54.848126 1.124114
587.575550 15.557488 614.028648 1.124114
0.25000 3.277239 63.731473 1.124114
577.857008 14.202084 711.579187 1.124114
0.50000 3.277239 73.75967 1.124114
558.140206 13.162182 829.409736 1.124114
0.75000 3.277239 84.763475 1.124114
558.422483 16.461879 945.683913 1.124114
1.00000 3.277239 96.49307 1.124114
548.704761 21.328496 1075.516 1.124114

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -2.891508 -534.273273 -10.039038
-245.950123 -88.984780 -3158.300 -10.039038
0.25000 -2.891508 -509.691897 -10.039038
-245.950123 -78.934947 -2749.015 -10.039038
0.50000 -2.891508 -485.424900 -10.039038
-245.950123 -67.722529 -2383.185 -10.039038
0.75000 -2.891508 -461.701281 -10.039038
-245.950123 -61.761551 -1956.857 -10.039038
1.00000 -2.891508 -438.776629 -10.039038
-245.950123 -54.780086 -1676.875 -10.039038
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 4.359969 101.827762 2.534180
793.937163 43.317173 1073.91827 2.534180
0.25000 4.359969 114.747943 2.534180
795.410471 42.050983 1193.430 2.534180
0.50000 4.359969 129.25562 2.534180
798.95783 42.911290 1355.828 2.534180
0.75000 4.359969 145.209388 2.534180
799.777095 45.577789 1563.815 2.534180
1.00000 4.359969 162.179424 2.534180
799.960407 49.721943 1803.300 2.534180

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -3.854681 -853.906373 -12.829028
-419.112465 -124.359969 -5215.871 -12.829028
0.25000 -3.854681 -820.674660 -12.829028
```

```
-419.112465 -112.367079 -4490.207 -12.829028
0.50000 3.854681 -787.920753 -12.829028
-419.112465 -101.214265 -4384.633 -12.829028
0.75000 3.854681 -755.90526 -12.829028
-419.112465 -91.155645 -3282.581 -12.829028
1.00000 3.854681
```

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FRAME ELEMENT INTERNAL FORCES		480			
ELEM	65	=====	LENGTH		
5.012445					
COMB DB-G1-1 ----- MAX					
REL DIST	P	M2	V2	M3	V3
0.00000	3.098571	33.024411			7.321541
71.943975	29.176469	405.957717			0.25000
0.25000	3.098571	33.398550			7.321541
73.008095	25.889247	496.690969			0.50000
0.50000	3.098571	33.795529			7.321541
74.123018	22.660833	598.602586			0.75000
0.75000	3.098571	34.212395			7.321541
75.283199	19.497650	709.417188			1.00000
1.00000	3.098571	34.677554			7.321541
76.623341	16.443755	826.377338			
COMB DB-G1-1 ----- MIN					
REL DIST	P	M2	V2	M3	V3
0.00000	-3.092507	-112.941944			-0.501733
-420.059867	-19.641342	-821.666906			0.25000
-418.716002	-0.925071	-112.469844			-0.501733
-417.568548	-27.233805	-801.279616			0.50000
-416.496958	-22.909829	-721.410551			0.75000
-415.472729	-39.488801	-781.546422			1.00000
COMB DB-G1-2 ----- MAX					
REL DIST	P	M2	V2	M3	V3
0.00000	4.263080	61.566595			9.339994
242.661794	55.582222	1080.629			0.25000
244.960108	50.672911	1234.949			0.50000
247.998140	45.822503	1435.362			0.75000
251.180235	41.102706	1680.056			1.00000
254.808918	36.560326	1954.184			
COMB DB-G1-2 ----- MIN					
REL DIST	P	M2	V2	M3	V3
0.00000	-4.028057	-271.198837			-1.655615
672.049575	-36.043187	-633.4501			0.25000
-668.391198	-39.724819	-1594.474			-1.655615
-665.304022	-44.304163	-1554.889			0.50000
-662.385373	-50.277290	-1515.363			-1.655615
-659.610012	-57.439956	-1475.842			1.00000
COMB DB-G1-3 ----- MAX					
REL DIST	P	M2	V2	M3	V3
0.00000	5.691693	114.190911			8.885264
428.486560	56.232621	2058.810			0.25000
432.355167	51.631771	2381.742			0.50000
462.047377	46.250299	2717.746			0.75000
489.319530	40.550092	3063.660			1.00000
515.478173	35.552114	3407.577			
COMB DB-G1-3 ----- MIN					
REL DIST	P	M2	V2	M3	V3
0.00000	-5.369651	-569.763447			-6.278409
-633.576721	-54.494298	-2427.023			0.25000
-611.226686	-59.943377	-47.336.093			-6.278409
-608.109446	-56.592224	-2245.560			0.50000
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FRAME ELEMENT INTERNAL FORCES					
REL DIST	P	M2	V2	M3	V3
0.75000	-5.369651	-505.261895			-6.278409
-608.109446	-59.537524	-2155.073			0.25000
-608.109446	-56.592224	-2155.073			0.50000
-608.109446	-56.592224	-2155.073			0.75000
-608.109446	-56.592224	-2155.073			1.00000
-608.109446	-56.592224	-2155.073			
COMB DB-G2-1 ----- MAX					
REL DIST	P	M2	V2	M3	V3
0.00000	2.794610	68.339272			0.694919
455.271458	12.333556	1344.525			0.25000
455.271458	12.333556	1344.525			0.50000
455.271458	12.333556	1344.525			0.75000
455.271458	12.333556	1344.525			1.00000
455.271458	12.333556	1344.525			
COMB DB-G2-1 ----- MIN					
REL DIST	P	M2	V2	M3	V3
0.00000	-2.502675	-383.799175			-7.339139
-79.754924	-39.277040	-1166.870			0.25000
-79.754924	-35.393672	-1093.171			0.50000
-79.754924	-31.558322	-1024.318			0.75000
-79.754924	-27.026715	-953.939887			1.00000
-79.754924	-24.082510	-881.840825			
COMB DB-G2-2 ----- MAX					
REL DIST	P	M2	V2	M3	V3
0.00000	3.923236	108.330534			1.445158
614.450833	46.590129	2232.212			0.25000
614.450833	49.734049	2549.152			0.50000
614.450833	54.201735	2857.781			0.75000
614.450833	59.039449	3159.242			1.00000
614.450833	67.089469	3444.220			
COMB DB-G2-2 ----- MIN					
REL DIST	P	M2	V2	M3	V3
0.00000	-3.395003	-615.748413			-9.459843
-226.588206	-38.539329	-2065.737			0.25000
-226.588206	-33.950033	-586.599456			0.50000
-226.588206	-53.780591	-1953.858			0.75000
-226.588206	-55.758922	-1953.858			1.00000
-226.588206	-48.763993	-1841.998			

0.75000	-3.395003	-529.107922			-9.459843
-226.588206	-43.770666	-1730.138			0.25000
-226.588206	-38.539329	-501.51507			0.50000
-226.588206	-38.826100	-1618.279			0.75000
-226.588206	-38.826100	-1618.279			1.00000
-226.588206	-38.826100	-1618.279			
COMB DB-G2-3 ----- MAX					
REL DIST	P	M2	V2	M3	V3
0.00000	5.617286	124.136942			6.199957
624.431647	64.453939	2383.911			0.25000
624.431647	65.133350	2742.962			0.50000
624.431647	67.010773	3108.571			0.75000
624.431647	70.186527	3480.647			1.00000
624.431647	74.511768	3847.691			
COMB DB-G2-3 ----- MIN					
REL DIST	P	M2	V2	M3	V3
0.00000	-5.151348	-653.744466			-9.033754
-16.542979	-60.864241	-2563.861			0.25000
-16.542979	-57.620373	-2336.026			0.50000
-16.542979	-51.151348	-75.989808			0.75000
-16.542979	-57.245566	-2222.157			1.00000
-16.542979	-51.151348	-551.273809			
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FRAME ELEMENT INTERNAL FORCES					
REL DIST	P	M2	V2	M3	V3
0.25000	-5.151348	-627.592709			-9.033754
-516.542979	-58.843035	-2449.895			0.50000
-516.542979	-51.151348	-601.558504			0.75000
-516.542979	-57.620373	-2336.026			1.00000
-516.542979	-57.245566	-2222.157			
-516.542979	-51.151348	-551.273809			
COMB DL-G1-1 ----- MAX					
REL DIST	P	M2	V2	M3	V3
0.00000	4.264447	48.596284			9.579829
124.371430	46.179384	439.249840			0.25000
125.252647	38.608958	505.637216			0.50000
126.207176	31.873330	595.149386			0.75000
127.222021	25.915984	717.226981			1.00000
128.282783	20.710945	875.399558			
COMB DL-G1-1 ----- MIN					
REL DIST	P	M2	V2	M3	V3
0.00000	-4.123834	-152.589869			-0.608642
-517.149414	-21.959864	-1008.944			0.25000
-517.149414	-12.383434	-152.11862			0.50000
-517.149414	-21.959864	-1008.944			0.75000
-517.149414	-21.959864	-1008.944			1.00000
-517.149414	-21.959864	-1008.944			
COMB DL-G1-2 ----- MAX					
REL DIST	P	M2	V2	M3	V3
0.00000	5.707676	96.547291			12.324467
320.932958	78.290624	1012.532			0.25000
322.620586	68.080707	1151.177			0.50000
324.448028	59.094111	1297.549			0.75000
326.391465	51.226684	1556.461			1.00000
328.422078	44.157835	1896.937			
COMB DL-G1-2 ----- MIN					
REL DIST	P	M2	V2	M3	V3
0.00000	-5.388117	-348.519530			-2.150900
-783.588164	-46.167401	-2053.799			0.25000
-783.588164	-47.848942	-1880.139			0.50000
-783.588164	-51.301516	-1784.763			0.75000
-783.588164	-51.301516	-1784.763			1.00000
-783.588164	-51.301516	-1784.763			
COMB DL-G1-3 ----- MAX					
REL DIST	P	M2	V2	M3	V3
0.00000	7.411397	160.467140			11.737995
549.513203	89.621269	2001.748			0.25000
549.513203	82.305356	2257.392			0.50000
549.513203	82.305356	2257.392			0.75000
549.513203	82.305356	2257.392			1.00000
549.513203	82.305356	2257.392			
COMB DL-G1-3 ----- MIN					
REL DIST	P	M2	V2	M3	V3
0.00000	-7.411397	-170.467140			-12.324467
-771.175600	-89.621269	-2001.748			0.25000
-771.175600	-82.305356	-2257.392			0.50000
-771.175600	-82.305356	-2257.392			0.75000
-771.175600	-82.305356	-2257.392			1.00000
-771.175600	-82.305356	-2257.392			

-124.788293	-30.000819	-176.10010	-10.14450
-124.788293	-40.999429	-1206.273	
-10.75000	-30.000819	-354.500710	-10.14450
-124.788293	-40.987181	-1080.373	
-124.788293	-30.000819	-333.810185	-10.14450
-124.788293	-28.658500	-1049.230	
COMB DL-G2-2 ----- MAX			
REL DIST	P	M2	V2
		M3	V3
0.00000	4.736680	146.830006	2.17055
732.905877	50.879587	1802.309	
0.25000	4.736680	163.050954	2.17055
733.089193	52.878012	2022.814	
0.50000	4.736680	180.077942	2.17055
733.257508	46.827842	2274.596	
0.75000	4.736680	199.909445	2.17055
733.455824	42.474108	2574.466	
1.00000	4.736680	220.704265	2.17055
733.639139	38.266890	2959.372	
COMB DL-G2-2 ----- MIN			
REL DIST	P	M2	V2
		M3	V3
0.00000	-4.049328	-687.644741	-12.82171
-283.138013	-42.653830	-2795.643	
0.25000	-4.049328	-656.739912	-12.82171
-283.138013	-72.384006	-2440.290	
0.50000	-4.049328	-626.53715	-12.82171
-283.138013	-73.464490	-2517.794	
0.75000	-4.049328	-597.154576	-12.82171
-283.138013	-55.575584	-1967.443	
1.00000	-4.049328	-669.068414	-12.82171
-283.138013	-48.304419	-1938.314	
COMB DL-G2-3 ----- MAX			
REL DIST	P	M2	V2
		M3	V3
0.00000	7.169043	170.467140	8.29896
71.175800	71.690439	180.077948	
0.25000	7.169043	185.074074	8.29896
71.364243	75.392344	2257.392	
0.50000	7.169043	201.083406	8.29896
71.525286	74.485691	2069.678	
0.75000	7.169043	218.267088	8.29896
71.714529	75.770031	2940.942	
1.00000	7.169043	236.363364	8.29896
71.930172	78.643668	3426.645	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G2-3 ----- MIN			
REL DIST	P	M2	V2
		M3	V3
0.00000	-6.470851	-753.307950	-12.17620
-622.364782	-87.811412	-3519.216	
0.25000	-6.470851	-725.477964	-12.17620
-622.364782	-80.287541	-3145.592	
0.50000	-6.470851	-698.206786	-12.17620
-622.364782	-74.881085	-2855.296	
0.75000	-6.470851	-671.823739	-12.17620
-622.364782	-71.282112	-2674.113	
1.00000	-6.470851	-646.253112	-12.17620
-622.364782	-69.062860	-2642.978	
COMB DB ----- MAX			
REL DIST	P	M2	V2
		M3	V3
0.00000	5.691693	124.133642	9.33999
624.431647	71.223261	2383.911	
0.25000	5.691693	146.013070	9.33999
624.431647	68.317732	2742.962	
0.50000	5.691693	169.058414	9.33999
624.431647	61.010773	3108.571	
0.75000	5.691693	194.143552	9.33999
624.431647	70.186527	3480.647	
1.00000	5.691693	219.256312	9.33999
624.431647	74.511768	3847.691	
COMB DB ----- MIN			
REL DIST	P	M2	V2
		M3	V3
0.00000	-5.369651	-653.744466	-9.45984
672.049575	-5.691693	-253.12361	
0.25000	-5.369651	-627.592709	-9.45984
-668.391198	-58.840305	-2449.895	
0.50000	-5.369651	-601.558504	-9.45984
-672.049575	-67.620373	-2336.026	
0.75000	-5.369651	-575.998908	-9.45984
-662.385373	-59.537524	-2222.157	
1.00000	-5.369651	-551.278309	-9.45984
-659.610012	-63.585866	-2108.288	
COMB DL ----- MAX			
REL DIST	P	M2	V2
		M3	V3
0.00000	7.411397	170.467140	12.32446
71.175800	74.691269	180.077948	
0.25000	7.411397	185.074074	12.32446
71.364243	82.305356	2257.392	
0.50000	7.411397	201.083406	12.32446
71.525286	77.005591	2069.678	
0.75000	7.411397	218.267088	12.32446
71.714529	75.770031	2940.942	
1.00000	7.411397	236.363364	12.32446
71.930172	78.643668	3426.645	
COMB DL ----- MIN			
REL DIST	P	M2	V2
		M3	V3
0.00000	-6.869238	-753.307950	-12.82171
-783.588164	-87.811412	-3519.216	
0.25000	-6.869238	-725.477964	-12.82171
-781.833282	-80.287541	-3145.592	
0.50000	-6.869238	-698.206786	-12.82171
-780.166381	-74.881085	-2855.296	
0.75000	-6.869238	-671.823739	-12.82171
-778.617452	-72.288998	-2674.113	
1.00000	-6.869238	-646.531013	-12.82171
-777.210421	-74.565868	-2642.978	
COMB CAR ----- MAX			
REL DIST	P	M2	V2
		M3	V3
0.00000	7.411397	170.467140	12.32446
71.175800	89.621269	2383.911	
0.25000	7.411397	185.074074	12.32446
71.364243	82.305356	2742.962	
0.50000	7.411397	201.083406	12.32446
71.525286	77.005591	3108.571	
0.75000	7.411397	218.267088	12.32446
71.714529	75.770031	3480.647	
1.00000	7.411397	236.363364	12.32446
71.930172	78.643668	3847.691	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB CAR ----- MIN			
REL DIST	P	M2	V2
		M3	V3
0.00000	-6.869238	-753.307950	-12.82171
-783.588164	-87.811412	-3519.216	
0.25000	-6.869238	-725.477964	-12.82171
-781.833282	-80.287541	-3145.592	
0.50000	-6.869238	-698.206786	-12.82171
-780.166381	-74.881085	-2855.296	
0.75000	-6.869238	-671.823739	-12.82171
-778.617452	-72.288998	-2674.113	
1.00000	-6.869238	-646.531013	-12.82171
-777.210421	-74.565868	-2642.978	

0.75000 -2.609428 -273.436822 -6.215905
-35.534149 -15.166501 -725.570973
1.00000 -2.6514342 -241.7343
-35.534149 -12.240459 -673.569408
COMB DB-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 4.142361 173.602349 2.493267
540.604707 67.543842 254.19343
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FRAME ELEMENT INTERNA
L F O R C E S
REL DIST P M2 V2 V3
0.25000 4.142361 199.180262 2.493267
540.604707 68.743387 366.1424 2.493267
0.50000 4.142361 226.403276 2.493267
540.604707 69.969407 486.787 2.493267
0.75000 4.142361 254.902619 2.493267
540.604707 75.315724 406.174 2.493267
1.00000 4.142361 284.265386 2.493267
540.604707 80.526275 428.013
COMB DB-G2-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -3.500893 -538.850157 -8.177169
-194.404431 -3.222513 -1618.233
0.25000 -3.500893 -509.120579 -8.177169
-194.404431 -3.490662 -1529.405
0.50000 -3.500893 -479.724314 -8.177169
-194.404431 -3.783295 -1440.610
0.75000 -3.500893 -451.049386 -8.177169
-194.404431 -26.941357 -1351.815
1.00000 -3.500893 -423.499709 -8.177169
-194.404431 -22.953137 -1263.020
COMB DB-G2-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 6.096402 183.489667 6.425510
521.318368 74.814961 304.473 6.425510
0.25000 6.096402 206.00182 6.425510
521.318368 74.062592 410.2964 6.425510
0.50000 6.096402 230.871122 6.425510
521.318368 74.584864 435.271 6.425510
0.75000 6.096402 256.445856 6.425510
521.318368 76.459176 461.655 6.425510
1.00000 6.096402 282.788818 6.425510
521.318368 79.152455 485.911
COMB DB-G2-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -5.497380 -567.609781 -8.072982
-444.432419 -57.148043 -2108.420
0.25000 -5.497380 -540.937335 -8.072982
-444.432419 -55.010099 -1900.172
0.50000 -5.497380 -514.557183 -8.072982
-444.432419 -53.626312 -1900.001
0.75000 -5.497380 -488.824353 -8.072982
-444.432419 -53.399461 -1855.331
1.00000 -5.497380 -464.102238 -8.072982
-444.432419 -53.147754 -1691.660
COMB DL-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 4.888511 48.884100 7.712049
67.167405 21.306743 87.7201357
0.25000 4.888511 49.188995 7.712049
68.030810 21.306743 87.7201357
0.50000 4.888511 49.522773 7.712049
68.971562 21.895309 111.9297 7.712049
0.75000 4.888511 50.877417 7.712049
69.976374 21.895309 124.3577 7.712049
1.00000 4.888511 50.254282 7.712049
71.030822 6.627158 1367.511
COMB DL-G1-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -4.616241 -135.627943 -1.329113
-408.090461 -40.418000 -953.941720
0.25000 -4.616241 -135.169519 -1.329113
-407.158494 -42.996176 -979.395771
0.50000 -4.616241 -134.720073 -1.329113
-406.267607 -46.726141 -1004.891
0.75000 -4.616241 -134.298761 -1.329113
-405.433748 -51.585451 -1030.389
1.00000 -4.616241 -133.895890 -1.329113
-404.671180 -57.428365 -1055.792
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FRAME ELEMENT INTERNA
L F O R C E S
COMB DL-G1-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 6.573984 108.108345 10.139921
248.017397 45.269445 189.916 10.139921
0.25000 6.573984 108.710222 10.139921
249.686616 38.966664 121.2580
0.50000 6.573984 109.364280 10.139921
251.465600 33.407820 234.013
0.75000 6.573984 106.102282 10.139921
253.386344 28.529134 291.684
1.00000 6.573984 110.807330 10.139921
255.400311 24.218015 284.873
COMB DL-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -6.022351 -297.727767 -2.833895
-651.968753 -63.275582 -1786.362
0.25000 -6.022351 -296.824062 -2.833895
-650.209768 -65.431546 -1822.316
0.50000 -6.022351 -295.947098 -2.833895
-648.526943 -68.859446 -1858.005
0.75000 -6.022351 -295.106653 -2.833895
-646.953767 -73.609588 -1893.687
1.00000 -6.022351 -294.311534 -2.833895
-645.518656 -79.415018 -1929.205
COMB DL-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 8.307024 192.871282 10.362975
433.219124 61.807125 249.564 10.362975
0.25000 8.307024 206.800087 10.362975
458.443299 69.065425 342.133 10.362975
0.50000 8.307024 221.911930 10.362975
486.237515 69.192828 439.240 10.362975
0.75000 8.307024 237.998349 10.362975
515.957415 65.123518 415.914 10.362975
1.00000 8.307024 254.892436 10.362975
545.779523 64.609001 447.2343
COMB DL-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -7.479809 -559.415114 -7.829634
-649.715505 -75.114568 -2486.056
0.25000 -7.479809 -538.116907 -7.829634

-628.236173 -74.164139 -2515.340
0.50000 -7.479809 -517.370238 -7.829634
-626.75172 -74.644605 -2545.389
0.75000 -7.479809 -497.425075 -7.829634
-602.055365 -76.503011 -2574.652
1.00000 -7.479809 -478.495378 -7.829634
-602.058147 -80.009913 -2803.983
COMB DL-G2-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 3.714402 115.108689 1.471409
448.179655 43.453645 736.381 1.471409
0.25000 3.714402 128.3836 1.471409
436.463104 46.582896 1940.516 1.471409
0.50000 3.714402 143.177281 1.471409
426.746554 50.012215 2114.038 1.471409
0.75000 3.714402 158.638030 1.471409
409.313453 56.040074 2255.869 1.471409
1.00000 3.714402 174.758974 1.471409
409.313453 61.858883 2366.073
COMB DL-G2-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -3.117419 -343.396274 -8.049203
-64.421463 -29.011910 -1048.861
0.25000 -3.117419 -322.539191 -8.049203
-64.421463 -24.572865 -104.467
0.50000 -3.117419 -301.520321 -8.049203
-64.421463 -20.594710 -1036.923
0.75000 -3.117419 -281.515251 -8.049203
-64.421463 -16.954560 -1030.964
1.00000 -3.117419 -262.457432 -8.049203
-64.421463 13.564321 -1024.283
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FRAME ELEMENT INTERNA
L F O R C E S
COMB DL-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 5.123935 193.453292 3.032733
607.660246 70.512926 2957.487
0.25000 5.123935 212.19336 3.032733
607.843536 72.890632 3283.718 3.032733
0.50000 5.123935 232.479671 3.032733
608.026004 76.396349 3579.389 3.032733
0.75000 5.123935 254.095925 3.032733
608.210115 80.974126 3851.272 3.032733
1.00000 5.123935 276.566712 3.032733
608.393405 86.391817 4085.962
COMB DL-G2-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -4.232930 -565.863952 -10.478533
-214.785214 -48.919070 -1938.150
0.25000 -4.232930 -536.809995 -10.478533
-214.785214 -42.868154 -1910.367
0.50000 -4.232930 -508.432264 -10.478533
-214.785214 -37.317527 -1937.724
0.75000 -4.232930 -481.081159 -10.478533
-214.785214 -32.117867 -1917.189
1.00000 -4.232930 -455.062211 -10.478533
-214.785214 -27.210526 -1936.339
COMB DL-G2-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 7.965214 213.319509 7.843135
611.807105 80.197089 3426.204 7.843135
0.25000 7.965214 230.195125 7.843135
611.995721 79.376444 3192.974 7.843135
0.50000 7.965214 248.463280 7.843135
612.183591 80.003268 4357.211 7.843135
0.75000 7.965214 267.869286 7.843135
612.372954 81.968704 4539.563 7.843135
1.00000 7.965214 288.164536 7.843135
612.561571 86.391817 4857.491
COMB DL-G2-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -6.989947 -624.236088 -10.377573
-488.711248 -69.680158 -2643.166
0.25000 -6.989947 -598.073566 -10.377573
-488.711248 -66.084501 -2647.335
0.50000 -6.989947 -567.519771 -10.377573
-488.711248 -63.683030 -2652.506
0.75000 -6.989947 -547.890927 -10.377573
-488.711248 -62.34873 -2656.794
1.00000 -6.989947 -524.460936 -10.377573
-488.711248 -61.554916 -2658.930
COMB DB ----- MAX
REL DIST P M2 V2 V3
0.00000 6.224794 183.489667 8.626739
540.604707 74.814961 304.473 8.626739
0.25000 6.224794 206.441863 8.626739
540.604707 74.062592 410.2964 8.626739
0.50000 6.224794 230.871122 8.626739
540.604707 74.584864 435.271 8.626739
0.75000 6.224794 256.445856 8.626739
540.604707 76.459176 461.655 8.626739
1.00000 6.224794 284.265386 8.626739
540.604707 80.526275 485.911
COMB DB ----- MIN
REL DIST P M2 V2 V3
0.00000 -5.801572 -567.609781 -8.177169
-582.817774 -62.984070 -2108.420
0.25000 -5.801572 -540.937335 -8.177169
-589.194159 -62.552180 -2004.172
0.50000 -5.801572 -514.557183 -8.177169
-586.051883 -63.358615 -1900.001
0.75000 -5.801572 -488.824353 -8.177169
-583.136600 -65.538513 -1795.831
1.00000 -5.801572 -464.102238 -8.177169
-580.388895 -71.062242 -1691.660
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FRAME ELEMENT INTERNA
L F O R C E S
COMB DL ----- MAX
REL DIST P M2 V2 V3
0.00000 8.307024 213.319509 10.362975
611.807105 80.197089 3426.204 10.362975
0.25000 8.307024 230.195125 10.362975
611.995721 79.376444 3192.974 10.362975
0.50000 8.307024 248.463280 10.362975
612.183591 80.003268 4357.211 10.362975
0.75000 8.307024 267.869286 10.362975
612.372954 81.968704 4539.563 10.362975
1.00000 8.307024 288.164536 10.362975
612.561571 86.391817 4857.491
COMB DL ----- MIN
REL DIST P M2 V2 V3
0.00000 -7.479809 -624.236088 -10.478533
-651.968753 -75.114568 -2643.166
0.25000 -7.479809 -598.073566 -10.478533
-650.209768 -74.164139 -2647.335
0.50000 -7.479809 -572.519771 -10.478533
-648.526943 -74.644605 -2652.506
0.75000 -7.479809 -547.890927 -10.478533
-646.953767 -76.503011 -2656.794
1.00000 -7.479809 -524.460936 -10.478533
-645.518656 -80.009913 -2658.930
COMB DESIGN ----- MAX
REL DIST P M2 V2 V3
0.00000 8.307024 213.319509 10.362975
611.807105 80.197089 3426.204 10.362975
0.25000 8.307024 230.195125 10.362975
611.995721 79.376444 3192.974 10.362975
0.50000 8.307024 248.463280 10.362975
612.183591 80.003268 4357.211 10.362975
0.75000 8.307024 267.869286 10.362975
612.372954 81.968704 4539.563 10.362975
1.00000 8.307024 288.164536 10.362975
612.561571 86.391817 4857.491
COMB DESIGN ----- MIN
REL DIST P M2 V2 V3
0.00000 -7.479809 -624.236088 -10.478533
-651.968753 -75.114568 -2643.166
0.25000 -7.479809 -598.073566 -10.478533
-650.209768 -74.164139 -2647.335
0.50000 -7.479809 -572.519771 -10.478533
-648.526943 -74.644605 -2652.506
0.75000 -7.479809 -547.890927 -10.478533
-646.953767 -76.503011 -2656.794
1.00000 -7.479809 -524.460936 -10.478533
-645.518656 -80.009913 -2658.930
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FRAME ELEMENT INTERNA
L F O R C E S
ELEM 67 ===== LENGTH = 5.013226
COMB DB-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 3.896448 34.950595 5.238651
48.340247 6.333415 1174.071 5.238651
0.25000 3.896448 35.363267 5.238651
49.369637 4.902412 1211.790 5.238651
0.50000 3.896448 35.787637 5.238651
50.462826 3.896448 1256.958 5.238651
0.75000 3.896448 36.229308 5.238651
51.608249 2.201096 1307.378 5.238651
0.25000 3.896448 36.711793 5.238651
52.942346 1.106174 1362.394
COMB DB-G1-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -3.776563 -69.446344 -2.798451
-25.039814 54.364428 -67.532755 -2.798451
0.25000 -3.776563 -68.954829 -2.798451
-254.700949 -52.299562 -638.337441 -2.798451
0.50000 -3.776563 -68.506684 -2.798451
-253.544470 53.385796 -602.942126 -2.798451
0.75000 -3.776563 -68.071283 -2.798451
-252.439751 -55.726816 -567.546812 -2.798451
1.00000 -3.776563 -67.653033 -2.798451
-251.399920 -59.200999 -532.151498
COMB DB-G1-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 5.193571 91.763895 6.898737
225.395783 10.888473 2691.877 6.898737
0.25000 5.193571 92.874488 6.898737
228.182538 18.043323 2674.045 6.898737
0.50000 5.193571 94.042136 6.898737
231.156498 5.351098 2745.209 6.898737
0.75000 5.193571 95.256699 6.898737
234.275091 12.709855 2856.052 6.898737
1.00000 5.193571 96.597486 6.898737
237.903759 10.350793 2993.741
COMB DB-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -4.781821 -177.976445 -4.085260
-477.955076 -70.255983 -1242.180
0.25000 -4.781821 -176.626701 -4.085260
-474.313461 -69.662246 -1174.345
0.50000 -4.781821 -175.394407 -4.085260
-471.165340 -70.402416 -1106.509
0.75000 -4.781821 -174.197181 -4.085260
-468.159587 -71.598526 -1038.673
1.00000 -4.781821 -173.047238 -4.085260
-465.332719 -76.033251 -970.836671
COMB DB-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 6.752809 203.270658 8.462621
307.005884 60.162103 4377.146 8.462621
0.25000 6.752809 222.914171 8.462621
308.404886 51.992196 4506.994 8.462621
0.50000 6.752809 243.655908 8.462621
355.781979 55.265167 4631.260 8.462621
0.75000 6.752809 265.247014 8.462621
417.986683 54.553581 4878.448 8.462621
1.00000 6.752809 288.131366 8.462621
COMB DB-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -6.228178 -419.025736 -7.203152
-507.527780 -67.858861 -1686.883
0.25000 -6.228178 -395.986045 -7.203152
-470.642404 -66.963699 -1590.356
0.50000 -6.228178 -374.021170 -7.203152
-448.673537 -67.340526 -1493.829
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-650.209768 -74.164139 -2647.335
0.50000 -7.479809 -572.519771 -10.478533
-648.526943 -74.644605 -2652.506
0.75000 -7.479809 -547.890927 -10.478533
-646.953767 -76.503011 -2656.794
1.00000 -7.479809 -524.460936 -10.478533
-645.518656 -80.009913 -2658.930
COMB CAR ----- MAX
REL DIST P M2 V2 V3
0.00000 8.307024 213.319509 10.362975
611.807105 80.197089 3426.204 10.362975
0.25000 8.307024 230.195125 10.362975
611.995721 79.376444 3192.974 10.362975
0.50000 8.307024 248.463280 10.362975
612.183591 80.003268 4357.211 10.362975
0.75000 8.307024 267.869286 10.362975
612.372954 81.968704 4539.563 10.362975
1.00000 8.307024 288.164536 10.362975
612.561571 86.391817 4857.491
COMB CAR ----- MIN
REL DIST P M2 V2 V3
0.00000 -7.479809 -624.236088 -10.478533
-651.968753 -75.114568 -2643.166
0.25000 -7.479809 -598.073566 -10.478533
-650.209768 -74.164139 -2647.335
0.50000 -7.479809 -572.519771 -10.478533
-648.526943 -74.644605 -2652.506
0.75000 -7.479809 -547.890927 -10.478533
-646.953767 -76.503011 -2656.794
1.00000 -7.479809 -524.460936 -10.478533
-645.518656 -80.009913 -2658.930
COMB DESIGN ----- MAX
REL DIST P M2 V2 V3
0.00000 8.307024 213.319509 10.362975
611.807105 80.197089 3426.204 10.362975
0.25000 8.307024 230.195125 10.362975
611.995721

474.313461		-69.662246		-1592.290		
0.50000		6.228178	-432.147485		-7.951442	
0.75000		-70.402216	-1493.829			
0.50000		-6.228178	-406.255232		-7.951442	
0.00000		-6.228178	-381.523444		-7.951442	
-465.332719		-76.033251	-1300.775			
COMB						
REL DIST		P	M2	V2	M3	V3
0.00000		9.110461	262.815988			9.191027
500.231301		87.271023	4857.182			
0.50000		9.110461	281.535646			9.191027
500.419973		87.654627	5088.101			
0.50000		9.110461	301.620374			9.191027
500.608645		89.112060	5293.801			
0.75000		9.110461	322.866621			9.191027
500.797318		91.648556	5479.440			
1.00000		9.110461	344.901740			9.191027
500.985990		95.281963	5634.953			
COMB						
REL DIST		P	M2	V2	M3	V3
0.00000		-8.057231	-514.918994			-9.088816
-544.814571		-80.167179	-2658.062			
0.50000		-8.057231	-490.043720			-9.088816
-521.270981		-80.127227	-2668.631			
0.50000		-8.057231	-465.851179			-9.088816
-499.629309		-81.994744	-2658.079			
0.75000		-8.057231	-442.653368			-9.088816
-497.997149		-85.046070	-2685.031			
1.00000		-8.057231	-420.745063			-9.088816
-496.511678		-89.015138	-2711.974			
COMB						
REL DIST		P	M2	V2	M3	V3
0.00000		9.110461	262.815988			9.191027
500.231301		87.271023	4857.182			
0.50000		9.110461	281.535646			9.191027
500.419973		87.654627	5088.101			
0.50000		9.110461	301.620374			9.191027
500.608645		89.112060	5293.801			
0.75000		9.110461	322.866621			9.191027
500.797318		91.648556	5479.440			
1.00000		9.110461	347.438933			9.191027
500.985990		95.281963	5634.953			
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FRAME ELEMENT INTERNAL FORCES						
COMB						
REL DIST		P	M2	V2	M3	V3
0.00000		-8.057231	-514.918994			-9.088816
-544.814571		-80.167179	-2658.062			
0.50000		-8.057231	-490.043720			-9.088816
-521.270981		-80.127227	-2668.631			
0.50000		-8.057231	-465.851179			-9.088816
-499.629309		-81.994744	-2658.079			
0.75000		-8.057231	-442.653368			-9.088816
-497.997149		-85.046070	-2685.031			
1.00000		-8.057231	-420.745063			-9.088816
-496.511678		-89.015138	-2711.974			
COMB DESIGN						
REL DIST		P	M2	V2	M3	V3
0.00000		9.110461	262.815988			9.191027
500.231301		87.271023	4857.182			
0.50000		9.110461	281.535646			9.191027
500.419973		87.654627	5088.101			
0.50000		9.110461	301.620374			9.191027
500.608645		89.112060	5293.801			
0.75000		9.110461	322.866621			9.191027
500.797318		91.648556	5479.440			
1.00000		9.110461	347.438933			9.191027
500.985990		95.281963	5634.953			
COMB DESIGN						
REL DIST		P	M2	V2	M3	

```

464.935262    -65.968859    -1129.176
0.50000      -54.469853    -72.99448      -4.025925
-163.980701  -65.672492    -1139.609
0.75000      -54.469853    -72.60969      -4.025925
-367.74489   -65.930415    -1150.083
1.00000      -54.469853    -72.250567    -4.025925
-162.271278  -67.715079    -1160.569
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F R A M E    E L E M E N T    I N T E R N A L
L O R C E S

COMB DL-G1-2-----MAX
REL DIST      T      P      M2      V2      V3
0.00000      7.894520    167.735782      6.086116
0.364.932287  15.965498      3393.615
0.25000      7.894520      3393.615
-368.178172  15.040303      3353.858
0.50000      7.894520    169.200335      6.086116
-368.174697  14.827662      3407.178
0.75000      7.894520      369.999578      6.086116
-367.698630  16.161763      344.0134
1.00000      7.894520    170.831439      6.086116
371.883144   17.663736      3487.839

COMB DL-G1-2-----MIN
REL DIST      T      P      M2      V2      V3
0.00000      -7.090550    -175.389454    -5.887887
0.369.631142  -88.843756    -2029.162
0.25000      -7.090550    -174.556422    -5.887887
-367.744891  -87.655593      2048.251
0.50000      -7.090550      73.755555    -5.887887
-365.921714  -87.242964    -2067.242
0.75000      -7.090550    -172.997518    -5.887887
-364.226506  -88.814984    -2086.405
1.00000      -7.090550    -172.289635    -5.887887
-362.678068  -89.775637    -2105.484

COMB DL-G1-3-----MAX
REL DIST      T      P      M2      V2      V3
0.00000      9.764111    293.486770      8.504282
388.351953   63.203062      5230.038
0.25000      9.764111    511.113300      8.504282
409.020821   61.992715      5289.099
0.50000      9.764111    327.504121      8.504282
-433.646200  76.790291      5327.857
0.75000      9.764111    346.510876      8.504282
457.326688   63.339715      5351.993
1.00000      9.764111    365.890504      8.504282
483.368377   65.441148      5355.744

COMB DL-G1-3-----MIN
REL DIST      T      P      M2      V2      V3
0.00000      -8.627288    -371.884887    -8.343104
-481.477038  -86.272888    -352.496981    -8.343104
0.25000      -8.627288    -352.496981    -8.343104
-455.402490  -84.051310    -2737.714
0.50000      -8.627288    -333.800182    -8.343104
-430.909198  -81.617633      344.0134
0.75000      -8.627288    -316.020331    -8.343104
-407.056861  -84.583559    -2789.201
1.00000      -8.627288    -299.386736    -8.343104
-366.365312  -86.480897    -2814.882

COMB DL-G2-1-----MAX
REL DIST      T      P      M2      V2      V3
0.00000      4.208111    173.872438      4.274128
212.232353   71.705388      2691.368
-281.477038  61.829389    -1022.770
0.25000      4.208111    173.872438      4.274128
208.163639   70.987283      2751.307
0.50000      4.208111    207.841043      4.274128
203.603764   71.086051      2779.572
0.75000      4.208111    226.161042      4.274128
198.500318   72.041822      275.362
1.00000      4.208111    245.027401      4.274128
192.896381   73.793890      2739.619

COMB DL-G2-1-----MIN
REL DIST      T      P      M2      V2      V3
0.00000      -3.476493    -242.165308    -4.384549
-194.503373  -6.421769    -1042.169
0.25000      -3.476493    -228.487477    -4.384549
-190.000555  -6.182938    -1022.273
0.50000      -3.476493    -209.893625    -4.384549
-205.316951  -6.324042    -1062.278
0.75000      -3.476493    92.371021    -4.384549
-209.929242  -7.256756    -1071.426
1.00000      -3.476493    -175.916408    -4.384549
-214.042482  -8.380260    -1082.829
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L O R C E S

COMB DL-G2-2-----MAX
REL DIST      T      P      M2      V2      V3
0.00000      5.824654    298.182914      6.281079
337.7942102  95.074188      4682.196
0.25000      5.824654    302.842942      6.281079
-481.477038  93.913208      4714.764
0.50000      5.824654    344.942740      6.281079
337.423501   93.836485      4788.399
0.75000      5.824654    370.400552      6.281079
337.802210   94.822422      4788.399
1.00000      5.824654    396.363759      6.281079
337.785499   97.901104      4774.093

COMB DL-G2-2-----MIN
REL DIST      T      P      M2      V2      V3
0.00000      -4.702227    -400.563042    -6.310254
-337.794210  -17.341665    -1986.010
0.25000      -4.702227    -374.391625    -6.310254
-337.610922  -18.999025    2005.121
0.50000      -4.702227    -349.051178    -6.310254
-337.429040  -17.185756    -2024.102
0.75000      -4.702227    -324.902154    -6.310254
-337.334556  -18.162116    -2043.121
1.00000      -4.702227    -302.254780    -6.310254
-337.244456  -19.528772    -2062.523

COMB DL-G2-3-----MAX
REL DIST      T      P      M2      V2      V3
0.00000      9.303020    328.756104      8.461094
440.119123   88.925480      5634.835
0.25000      9.303020    349.147177      8.461094
440.119123   87.502695      5703.731
0.50000      9.303020    370.878293      8.461094
440.120939   87.407334      5745.081
0.75000      9.303020    393.640011      8.461094
440.304472   89.367783      5765.598
1.00000      9.303020    417.164102      8.461094
440.493088   92.421221      5759.664

COMB DL-G2-3-----MIN
REL DIST      T      P      M2      V2      V3
0.00000      -8.016111    -422.960822    -8.388882
-440.707070  -8.016111    -422.960822    -8.388882
0.25000      -8.016111    -399.394314    -8.3888
```

-439.512485 -57.906696 -2717.185
0.50000 -8.016111 -376.565336
-439.326593 -57.907176 -2712.671
0.75000 -8.016111 -354.828091 -8.388882
-439.320606 -59.481638 -2768.385
1.00000 -8.016111 -334.434229 -8.388882
-439.320606 -61.662576 -2794.388

COMB DB -G1-2-----MAX

REL DIST T P M2 M3 V3
0.00000 7.248444 300.439587 8.181620
419.791467 84.082141 5370.046
0.25000 7.248444 324.259100 8.181620
419.791467 80.955222 5383.389
0.50000 7.248444 350.551551 8.181620
419.791467 79.536674 5380.233
0.75000 7.248444 378.615138 8.181620
419.791467 81.399713 5386.211
1.00000 7.248444 408.963659 8.181620
455.542091 84.672718 5375.934

COMB DB -G1-2-----MIN

REL DIST T P M2 M3 V3
0.00000 -6.707714 -410.270749 -7.887205
-453.763922 -75.362077 -1300.841
0.25000 -6.707714 -379.912483 -7.887205
-419.248599 -72.556514 -1203.527
0.50000 -6.707714 -352.384645 -7.887205
-419.248599 -71.872390 -1151.464
0.75000 -6.707714 -326.657450 -7.887205
-419.248599 -73.317838 -1253.589
1.00000 -6.707714 -302.242822 -7.887205
-419.248599 -74.646003 -1355.713
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FRAME ELEMENT INTERNAL FORCES

COMB DL -G1-1-----MAX

REL DIST T P M2 M3 V3
0.00000 9.764111 328.752244 8.504282
440.119123 95.074188 5634.835
0.25000 9.764111 349.141277 8.504282
440.119123 93.915448 5703.319
0.50000 9.764111 370.859304 8.504282
440.120939 93.836485 5745.081
0.75000 9.764111 393.640011 8.504282
457.326688 95.399832 5765.598
1.00000 9.764111 417.164102 8.504282
483.386377 97.901104 5759.664

COMB DL -G1-1-----MIN

REL DIST T P M2 M3 V3
0.00000 -8.627288 -422.960822 -8.388882
-481.477038 -88.843756 -2712.050
0.25000 -8.627288 -399.384314 -8.388882
-455.402490 -87.456391 -2737.714
0.50000 -8.627288 -376.565336 -8.388882
-439.326593 -87.242964 -2763.248
0.75000 -8.627288 -354.828091 -8.388882
-439.320606 -88.014984 -2789.201
1.00000 -8.627288 -334.434229 -8.388882
-439.320606 -89.775637 -2814.882

COMB CAR -G1-1-----MAX

REL DIST T P M2 M3 V3
0.00000 9.764111 328.752244 8.504282
440.119123 95.074188 5634.835
0.25000 9.764111 349.141277 8.504282
440.119123 93.915448 5703.319
0.50000 9.764111 370.859304 8.504282
440.120939 93.836485 5745.081
0.75000 9.764111 393.640011 8.504282
457.326688 95.399832 5765.598
1.00000 9.764111 417.164102 8.504282
483.386377 97.901104 5759.664

COMB CAR -G1-1-----MIN

REL DIST T P M2 M3 V3
0.00000 -8.627288 -422.960822 -8.388882
-481.477038 -88.843756 -2712.050
0.25000 -8.627288 -399.384314 -8.388882
-455.402490 -87.456391 -2737.714
0.50000 -8.627288 -376.565336 -8.388882
-439.326593 -87.242964 -2763.248
0.75000 -8.627288 -354.828091 -8.388882
-439.320606 -88.014984 -2789.201
1.00000 -8.627288 -334.434229 -8.388882
-439.320606 -89.775637 -2814.882

COMB DESIGN -G1-1-----MAX

REL DIST T P M2 M3 V3
0.00000 9.764111 328.752244 8.504282
440.119123 95.074188 5634.835
0.25000 9.764111 349.141277 8.504282
440.119123 93.915448 5703.319
0.50000 9.764111 370.859304 8.504282
440.120939 93.836485 5745.081
0.75000 9.764111 393.640011 8.504282
457.326688 95.399832 5765.598
1.00000 9.764111 417.164102 8.504282
483.386377 97.901104 5759.664

COMB DESIGN -G1-1-----MIN

REL DIST T P M2 M3 V3
0.00000 -8.627288 -422.960822 -8.388882
-481.477038 -88.843756 -2712.050
0.25000 -8.627288 -399.384314 -8.388882
-455.402490 -87.456391 -2737.714
0.50000 -8.627288 -376.565336 -8.388882
-439.326593 -87.242964 -2763.248
0.75000 -8.627288 -354.828091 -8.388882
-439.320606 -88.014984 -2789.201
1.00000 -8.627288 -334.434229 -8.388882
-439.320606 -89.775637 -2814.882
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FRAME ELEMENT INTERNAL FORCES

ELEM 69 ===== LENGTH

COMB DB-G1-1-----MAX

REL DIST T P M2 M3 V3
0.00000 4.513068 66.666130 3.106547
252.625769 1.667649 1395.253
0.25000 4.513068 67.000126 3.106547
253.665628 3.292720 1311.901
0.50000 4.513068 67.519951 3.106547
254.770372 5.027928 1263.017
0.75000 4.513068 67.963988 3.106547
255.926843 6.811137 1219.347
1.00000 4.513068 68.459879 3.106547
257.265906 8.632782 1183.093

COMB DB-G1-1-----MIN

REL DIST T P M2 M3 V3

0.00000 -4.399845 -35.231483 -4.886745
-53.188342 -59.146309 -553.450598
0.25000 -4.399845 -34.742666 -4.886745
-51.832947 -56.154863 -590.913521
0.50000 -4.399845 -34.300939 -4.886745
-50.685534 -54.292887 -628.43216
0.75000 -4.399845 -33.875849 -4.886745
-49.590697 -53.678681 -665.932910
1.00000 -4.399845 -33.471614 -4.886745
-48.559396 -54.178312 -703.442604

COMB DB-G1-2-----MAX

REL DIST T P M2 M3 V3
0.00000 5.904464 171.355453 4.443110
467.201480 11.349594 2998.865
0.25000 5.904464 172.505559 4.443110
470.028410 14.268154 2864.001
0.50000 5.904464 173.703092 4.443110
473.034217 17.364701 2755.769
0.75000 5.904464 174.935895 4.443110
476.182300 20.590997 2687.211
1.00000 5.904464 176.285876 4.443110
479.824455 23.870167 2647.329

COMB DB-G1-2-----MIN

REL DIST T P M2 M3 V3
0.00000 -5.573115 -95.202474 -6.490930
-236.372787 -74.178981 -1010.591
0.25000 -5.573115 -93.858972 -6.490930
-232.740560 -71.219967 -1082.143
0.50000 -5.573115 -92.645595 -6.490930
-229.617052 -69.494527 -1153.755
0.75000 -5.573115 -91.477094 -6.490930
-226.638018 -69.200512 -1249.366
1.00000 -5.573115 -90.365595 -6.490930
-223.834020 -70.247604 -1296.977

COMB DB-G1-3-----MAX

REL DIST T P M2 M3 V3
0.00000 7.683248 330.231483 7.473636
439.707077 54.926026 4884.711
0.25000 7.683248 350.649243 7.473636
439.707077 56.413663 4767.846
0.50000 7.683248 371.076282 7.473636
449.797778 56.755556 4644.114
0.75000 7.683248 393.954013 7.473636
471.784073 59.315331 4522.990
1.00000 7.683248 417.002486 7.473636
508.093036 62.696109 4395.907

COMB DB-G1-3-----MIN

REL DIST T P M2 M3 V3
0.00000 -7.221934 -287.343050 -8.177604
-328.213887 -66.187189 -1659.878
0.25000 -7.221934 -264.444359 -8.177604
-380.968978 -67.548546 -1457.022
0.50000 -7.221934 -242.833682 -8.177604
-432.615050 -68.814485 -1258.450
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.75000 -7.221934 -222.079505 -8.177604
-328.213887 -66.187189 -1659.878
1.00000 -7.221934 -202.416231 -8.177604
-365.721799 -68.163453 -1781.306

COMB DB-G2-1-----MAX

REL DIST T P M2 M3 V3
0.00000 3.691052 214.683263 4.968022
95.366679 63.660392 2697.817
0.25000 3.691052 234.469914 4.968022
95.346679 60.451233 2688.833
0.50000 3.691052 255.254393 4.968022
95.300427 58.300122 2726.560
0.75000 3.691052 276.89881 4.968022
95.346679 57.308040 2585.133
1.00000 3.691052 297.853084 4.968022
95.346679 57.320240 2489.598

COMB DB-G2-1-----MIN

REL DIST T P M2 M3 V3
0.00000 -3.111717 -229.203284 -2.901413
-302.546545 -5.094895 -525.899205
0.25000 -3.111717 -209.269737 -2.901413
-302.546545 -7.083608 -570.80723
0.50000 -3.111717 -187.183400 -2.901413
-302.546545 -9.119854 -614.862809
0.75000 -3.111717 -167.025823 -2.901413
-302.546545 -11.172465 -659.344995
1.00000 -3.111717 -148.065105 -2.901413
-302.546545 -13.246799 -703.827180

COMB DB-G2-2-----MAX

REL DIST T P M2 M3 V3
0.00000 4.919029 355.226592 6.804698
206.482244 83.770157 4653.231
0.25000 4.919029 382.789348 6.804698
206.482244 80.938241 4563.161
0.50000 4.919029 411.654483 6.804698
206.482244 79.457682 4472.647
0.75000 4.919029 441.406668 6.804698
206.482244 78.486510 4370.638
1.00000 4.919029 471.616075 6.804698
206.482244 80.907490 4246.584

COMB DB-G2-2-----MIN

REL DIST T P M2 M3 V3
0.00000 -4.125337 -348.529800 -4.501488
-434.194849 -11.019791 -995.358683
0.25000 -4.125337 -318.541147 -4.501488
-434.194849 -13.740827 -1076.325
0.50000 -4.125337 -289.325826 -4.501488
-434.194849 -16.464682 -1157.293
0.75000 -4.125337 -261.286894 -4.501488
-434.194849 -19.198882 -1238.262
1.00000 -4.125337 -234.810990 -4.501488
-434.194849 -21.913378 -1319.230

COMB DB-G2-3-----MAX

REL DIST T P M2 M3 V3
0.00000 7.474671 379.611483 8.057095
393.105340 78.634338 5376.105
0.25000 7.474671 404.350870 8.057095
393.105340 77.304647 5262.586
0.50000 7.474671 437.254233 8.057095
393.105340 77.295316 5138.943
0.75000 7.474671 456.953371 8.057095
393.105340 78.733752 5012.859
1.00000 7.474671 484.056186 8.057095
393.105340 81.464286 4873.238

COMB DB-G2-3-----MIN

REL DIST T P M2 M3 V3
0.00000 -6.752327 -339.878816 -7.241067
-461.068104 -18.966311 -1345.225
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.25000 -6.752327 -312.974326 -7.241406
-461.068104 -47.374398 -1453.839
0.50000 -6.752327 -286.756892 -7.241406
-461.068104 -48.382015 -1558.198
0.75000 -6.752327 -261.555776 -7.241406
-461.068104 -50.344001 -1662.557
1.00000 -6.752327 -237.827964 -7.241406
-461.068104 -52.955274 -1766.915

COMB DL-G1-1-----MAX

REL DIST T P M2 M3 V3
0.00000 6.190736 99.868529 2.735095
277.732963 1.857480 1708.930
0.25000 6.190736 100.249827 2.735095
278.519878 3.345003 1659.881
0.50000 6.190736 100.655688 2.735095
279.382455 5.173588 1613.802
0.75000 6.190736 101.082141 2.735095
280.305550 7.263249 1568.292
1.00000 6.190736 101.524211 2.735095
281.272505 9.638356 1524.527

COMB DL-G1-1-----MIN

REL DIST T P M2 M3 V3
0.00000 -5.814749 -56.825964 -5.606736
-500.149718 -67.303652 -1185.479
0.25000 -5.814749 -56.425518 -5.606736
-499.961076 -64.085347 -1165.700
0.50000 -5.814749 -56.042402 -5.606736
-499.772433 -61.715682 -1170.913
0.75000 -5.814749 -55.681922 -5.606736
-499.583790 -60.257333 -1176.174
1.00000 -5.814749 -55.347851 -5.606736
-499.395148 -59.615048 -1181.425

COMB DL-G1-2-----MAX

REL DIST T P M2 M3 V3
0.00000 8.236122 226.030624 4.492851
496.393790 17.027406 3487.324
0.25000 8.236122 226.721649 4.492851
497.879975 19.492928 3376.927
0.50000 8.236122 227.582622 4.492851
499.511972 23.393587 3278.984
0.75000 8.236122 228.422964 4.492851
501.259634 25.799660 3198.321
1.00000 8.236122 229.293906 4.492851
503.089932 29.758622 3133.499

COMB DL-G1-2-----MIN

REL DIST T P M2 M3 V3
0.00000 -7.513781 -135.266676 -7.668510
-267.113452 -89.224752 -2105.348
0.25000 -7.513781 -134.478599 -7.668510
-265.145814 -86.289431 -2089.648
0.50000 -7.513781 -133.724359 -7.668510
-263.270767 -84.283864 -2131.949
0.75000 -7.513781 -133.014489 -7.668510
1.00000 -7.513781 -132.241532 -7.668510
-259.902714 -83.678630 -2158.627

COMB DL-G1-3-----MAX

REL DIST T P M2 M3 V3
0.00000 10.261579 376.210381 8.055925
470.602433 64.388719 5355.543
0.25000 10.261579 393.966391 8.055925
474.593476 64.946500 5257.698
0.50000 10.261579 412.844954 8.055925
498.332590 66.204707 5137.231
0.75000 10.261579 432.566421 8.055925
520.152755 68.448907 5003.156
1.00000 10.261579 452.926144 8.055925
544.392387 71.606391 4849.737
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.00000 -9.215307 -306.265729 -9.063575
-473.562966 -85.671913 -2814.807
0.25000 -9.215307 -288.032977 -9.063575
-474.955869 -84.155133 -2839.197
0.50000 -9.215307 -270.530816 -9.063575
-477.363886 -83.238279 -2863.839
0.75000 -9.215307 -254.000576 -9.063575
-481.627562 -83.675201 -2898.263
1.00000 -9.215307 -238.634877 -9.063575
-486.460448 -85.267584 -2912.916

COMB DL-G2-1-----MAX

REL DIST T P M2 M3 V3
0.00000 4.510901 211.199131 5.876376
108.332736 72.988698 2740.065
0.25000 4.510901 228.920099 5.876376
108.150781 73.012728 2730.084
0.50000 4.510901 2

-499.961076 -86.289431 -2839.197
0.50000 -9.215307 -306.340980
-499.72433 -84.263864 -2876.816
0.75000 -9.215307 -286.226436 -0.063575
-499.583790 -83.675201 -2918.120
1.00000 -9.215307 -267.47139 -0.063575
-499.395148 -85.267584 -2959.760
ELEM 70 ===== LENGTH =
5.012188
COMB DB-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 4.685673 92.326065 1.554371
350.459034 7.927069 1182.024
0.25000 4.685673 92.743457 1.554371
351.471223 10.691507 1089.015
0.50000 4.685673 93.175219 1.554371
352.557221 13.525612 999.970195
0.75000 4.685673 93.671139 1.554371
353.713556 16.403276 917.077578
1.00000 4.685673 94.100518 1.554371
355.047806 19.292840 842.045750
COMB DB-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -4.663969 -34.447719 -5.934471
-54.100656 -53.866328 -703.433916
0.25000 -4.663969 -33.966375 -5.934471
-52.767636 -49.006079 -733.011428
0.50000 -4.663969 -33.536979 -5.934471
-51.620912 -45.347314 -762.588940
0.75000 -4.663969 -32.723969 -5.934471
-50.525079 -42.827777 -792.691862
1.00000 -4.663969 -32.731395 -5.934471
-49.489273 -41.393616 -821.886204
COMB DB-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 6.098541 226.309624 2.662147
582.978457 22.942122 2645.887
0.25000 6.098541 223.907063 2.662147
585.731475 27.149608 230.780
0.50000 6.098541 225.090763 2.662147
588.652646 31.480590 224.645
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508 508
FRAME ELEMENT INTERNA
L F O R C E S
REL DIST T P M2 M3 V3
0.75000 6.098541 226.309624 2.662147
591.801220 35.888169 2091.399
1.00000 6.098541 227.637063 2.662147
595.431279 40.371570 1979.400
COMB DB-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -5.901167 -77.466422 -7.689936
612.627899 -69.936385 -1296.845
0.25000 -5.901167 -76.150130 -7.689936
-213.000980 -64.862737 -1359.745
0.50000 -5.901167 -74.963952 -7.689936
-209.878020 -60.832659 -1422.646
0.75000 -5.901167 -73.828372 -7.689936
-206.894696 -58.377373 -1485.550
1.00000 -5.901167 -72.753959 -7.689936
-204.076555 -57.129892 -1548.590
COMB DB-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 8.051185 407.625136 6.484435
542.722262 7.726045 433.987
0.25000 8.051185 428.030575 6.484435
542.722262 61.763462 4517.618
0.50000 8.051185 449.216144 6.484435
542.722262 121.609311 4618.811
0.75000 8.051185 470.921546 6.484435
552.494171 65.694847 3673.348
1.00000 8.051185 493.612584 6.484435
573.546374 69.148956 3466.636
COMB DB-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.726045 -241.140120 -8.323455
-454.532386 -67.353277 -1761.157
0.25000 -7.726045 -218.687519 -8.323455
-420.888321 -64.662767 -1860.850
0.50000 -7.726045 -197.571960 -8.323455
-395.178698 -63.006617 990.544
0.75000 -7.726045 -177.358446 -8.323455
-367.267407 -62.597024 -2060.318
1.00000 -7.726045 -158.373182 -8.323455
-350.538555 -63.367409 -2160.253
COMB DB-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 3.966169 253.100852 6.071764
35.477557 56.342254 2490.731
0.25000 3.966169 257.916079 6.071764
35.477557 51.161507 2421.961
0.50000 3.966169 293.600337 6.071764
35.477557 46.970963 2326.664
0.75000 3.966169 314.636432 6.071764
35.477557 43.809892 2320.399
1.00000 3.966169 335.709744 6.071764
35.477557 41.735241 2052.582
COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -3.389950 -191.816602 -1.248492
-396.512916 -12.471955 -703.859311
0.25000 -3.389950 -171.226840 -1.248492
-396.512916 -15.565539 -757.287182
0.50000 -3.389950 -150.682575 -1.248492
-396.512916 -18.694928 -801.715054
0.75000 -3.389950 -131.072674 -1.248492
-396.512916 -21.815027 -861.960571
1.00000 -3.389950 -112.711616 -1.248492
-396.512916 -25.072052 -917.840560
COMB DB-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 5.264587 422.282478 8.027523
195.496464 79.593450 4247.587
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FRAME ELEMENT INTERNA
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REL DIST T P M2 M3 V3
0.25000 5.264587 449.860740 8.027523
195.496464 74.643847 4074.258
0.50000 5.264587 478.566134 8.027523
195.496464 70.920041 3881.156
0.75000 5.264587 507.998025 8.027523
195.496464 68.650123 3676.787
1.00000 5.264587 537.766705 8.027523

195.496464 67.766242 3459.167
COMB DB-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -4.482766 -285.161185 -2.649717
-540.887015 -20.988549 -1319.139
0.25000 -4.482766 -255.754183 -2.649717
-540.887015 -25.044193 -1410.936
0.50000 -4.482766 -227.741408 -2.649717
-540.887015 -29.128206 -1502.733
0.75000 -4.482766 -199.938640 -2.649717
-540.887015 -33.216381 -1594.673
1.00000 -4.482766 -174.345183 -2.649717
-540.887015 -37.313850 -1686.656
COMB DB-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 7.883263 462.140890 8.098862
446.640716 79.817201 4873.310
0.25000 7.883263 486.888736 8.098862
446.640716 77.333485 4631.607
0.50000 7.883263 512.649662 8.098862
446.640716 76.017169 4394.408
0.75000 7.883263 539.061006 8.098862
446.640716 76.039355 4126.991
1.00000 7.883263 565.768528 8.098862
446.640716 77.308124 3873.139
COMB DB-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.255811 -282.345411 -6.308487
-520.514706 -53.919904 -1786.781
0.25000 -7.255811 -255.962736 -6.308487
-520.514706 -52.286195 -1875.775
0.50000 -7.255811 -230.346597 -6.308487
-520.514706 -50.711810 -1984.768
0.75000 -7.255811 -205.870768 -6.308487
-520.514706 -54.916649 -2093.890
1.00000 -7.255811 -182.880334 -6.308487
-520.514706 -57.374647 -2203.090
COMB DL-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.358724 130.467203 1.411152
404.439592 8.807377 1523.157
0.25000 6.358724 130.669472 1.411152
405.203638 12.338410 1244.867
0.50000 6.358724 131.295225 1.411152
406.039341 16.195688 1296.826
0.75000 6.358724 131.739745 1.411152
406.931013 20.483591 1230.180
1.00000 6.358724 132.198496 1.411152
407.864873 25.224670 1135.243
COMB DL-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -6.098161 -51.027099 -7.540630
-69.570895 -59.127705 -1181.191
0.25000 -6.098161 -50.652009 -7.540630
-69.570895 -58.197419 -1207.244
0.50000 -6.098161 -50.295822 -7.540630
-67.510134 -49.658960 -1172.250
0.75000 -6.098161 -49.962676 -7.540630
-65.716699 -48.079120 -1167.784
1.00000 -6.098161 -49.656336 -7.540630
-65.705695 -44.082514 -1171.724
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FRAME ELEMENT INTERNA
L F O R C E S
COMB DL-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 8.356631 288.631399 2.997464
645.924212 28.486058 3131.838
0.25000 8.356631 289.919203 2.997464
647.362329 33.716031 2920.262
0.50000 8.356631 290.265209 2.997464
648.938211 39.374561 2716.085
0.75000 8.356631 291.147922 2.997464
650.622821 45.475221 2534.284
1.00000 8.356631 292.046356 2.997464
652.385683 52.151496 2367.328
COMB DL-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.826482 -113.071446 -9.860182
-250.279781 -82.992098 -2158.225
0.25000 -7.826482 -112.333879 -9.860182
-250.279781 -80.098440 -2149.944
0.50000 -7.826482 -111.633197 -9.860182
-246.341716 -74.522309 -2163.620
0.75000 -7.826482 -110.971768 -9.860182
-244.543072 -71.816668 -2191.117
1.00000 -7.826482 -110.374746 -9.860182
-242.893498 -70.255891 -2185.397
COMB DL-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.610063 471.701763 7.945783
602.709222 60.657938 4849.065
0.25000 10.610063 490.598555 7.945783
602.725418 61.420303 4599.135
0.50000 10.610063 510.547673 7.945783
608.069624 73.947000 4324.578
0.75000 10.610063 531.287685 7.945783
628.566013 77.413384 4037.345
1.00000 10.610063 552.604103 7.945783
650.072019 81.939551 3731.964
COMB DL-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -9.791592 -258.979351 -10.178899
-541.238091 -84.255302 -2912.656
0.25000 -9.791592 -242.071888 -10.178899
-511.381816 -82.492276 -2935.007
0.50000 -9.791592 -225.947222 -10.178899
-481.640675 -81.835309 -2969.426
0.75000 -9.791592 -210.801784 -10.178899
-453.787812 -82.350272 -2980.046
1.00000 -9.791592 -196.849871 -10.178899
-428.517628 -84.140841 -3026.253
COMB DL-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 4.873990 260.675062 7.916483
62.898104 65.661959 2512.135
0.25000 4.873990 279.702332 7.916483
62.898104 60.755875 2425.359
0.50000 4.873990 299.708713 7.916483
62.898104 56.412981 2308.357
0.75000 4.873990 320.418991 7.916483
62.898104 53.063066 2159.514
1.00000 4.873990 341.602351 7.916483
62.898104 50.767742 1979.607
COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -4.198067 -177.134982 -1.652320
-411.173691 -16.674255 -1147.229
0.25000 -4.198067 -160.990252 -1.652320

-420.891101 -20.710602 -1173.978
0.50000 -4.198067 -145.494828 -1.652320
-400.508512 -24.834486 -1200.534
0.75000 -4.198067 -130.880934 -1.652320
-440.325923 -29.467377 -1228.077
1.00000 -4.198067 -117.376607 -1.652320
0.75043333 -34.441751 -1265.300
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FRAME ELEMENT INTERNA
L F O R C E S
COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.531792 451.122287 10.389638
215.074729 91.123755 4361.768
0.25000 6.531792 477.103726 10.389638
215.074729 87.015326 4173.377
0.50000 6.531792 504.457790 10.389638
215.074729 83.119900 3948.322
0.75000 6.531792 532.828457 10.389638
215.074729 80.887606 3699.398
1.00000 6.531792 561.902055 10.389638
215.074729 78.463059 3418.893
COMB DL-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -5.568352 -280.885948 -3.117946
-607.769840 91.123755 4361.768
0.25000 -5.568352 -258.322640 -3.117946
-607.582534 -37.297724 -2205.885
0.50000 -5.568352 -236.731655 -3.117946
-607.398062 -33.939895 2144.465
0.75000 -5.568352 -216.401489 -3.117946
-607.215922 -49.624906 -2284.829
1.00000 -5.568352 -197.625038 -3.117946
-607.032616 -56.448241 -2343.470
COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.223605 518.304357 10.397178
488.435426 91.537082 5231.487
0.25000 10.223605 541.701811 10.397178
488.435426 89.896497 4975.966
0.50000 10.223605 566.332076 10.397178
488.435426 89.222064 4688.944
0.75000 10.223605 591.879506 10.397178
488.435426 89.768555 4381.763
1.00000 10.223605 618.060034 10.397178
488.435426 91.636328 4049.979
COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -9.214263 -292.722169 -7.796354
-609.146480 -67.589472 -2959.671
0.25000 -9.214263 -272.403410 -7.796354
-608.957847 -69.590585 3014.837
0.50000 -9.214263 -252.960348 -7.796354
-608.768643 -72.227938 3061.894
0.75000 -9.214263 -234.652756 -7.796354
-608.580580 -75.175631 3134.958
1.00000 -9.214263 -217.744322 -7.796354
-608.391947 -80.282996 -3199.846
COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 8.051185 462.140890 8.098862
582.978457 79.817201 4873.370
0.25000 8.051185 486.888736 8.098862
585.731475 71.533855 4631.607
0.50000 8.051185 512.649662 8.098862
588.652646 70.771619 4379.408
0.75000 8.051185 539.061006 8.098862
591.801220 75.033355 4126.991
1.00000 8.051185 565.768528 8.098862
595.431279 77.308124 3873.139
COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.726045 -285.161185 -8.323455
-540.887015 -69.936385 -1766.781
0.25000 -7.726045 -255.962736 -8.323455
-540.887015 -64.862737 -1875.775
0.50000 -7.726045 -230.346597 -8.323455
-540.887015 -63.006617 -1984.768
0.75000 -7.726045 -205.875078 -8.323455
-540.887015 -62.597024 2093.890
1.00000 -7.726045 -182.880334 -8.323455
-540.887015 -62.597024 2203.090
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FRAME ELEMENT INTERNA
L F O R C E S
COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.610063 518.304357 10.397178
645.924212 91.537082 5231.487
0.25000 10.610063 541.700181 10.397178
647.362329 89.896497 4975.966
0.50000 10.610063 566.332076 10.397178
648.938211 89.222064 4688.944
0.75000 10.610063 591.879506 10.397178
650.622821 89.768555 4381.763
1.00000 10.610063 618.060034 10.397178
652.385683 91.636328 4049.979
COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -9.791592 -292.722169 -10.178899
-609.146480 -84.255302 -2912.656
0.25000 -9.791592 -272.403410 -10.178899
-608.957847 -82.492276 3014.837
0.50000 -9.791592 -252.960348 -10.178899
-608.768643 -81.835309 3061.894
0.75000 -9.791592 -234.652756 -10.178899
-608.580580 -82.350272 3134.958
1.00000 -9.791592 -217.744322 -10.178899
-608.391947 -84.140841 -3199.846
COMB CAR ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.610063 518.304357 10.397178
645.924212 91.537082 5231.487
0.25000 10.610063 541.700181 10.397178
647.362329 89.896497 4975.966
0.50000 10.610063 566.332076 10.397178
648.938211 89.222064 4688.944
0.75000 10.610063 591.879506 10.397178
650.622821 89.768555 4381.763
1.00000 10.610063 618.060034 10.397178
652.385683 91.636328 4049.979
COMB CAR ----- MIN
REL DIST T P M2 M3 V3
0.00000 -9.791592 -292.722169 -10.178899
-609.146480 -84.255302 -2912.656
0.25000 -9.791592 -272.403410 -10.178899
-608.957847 -82.492276 3014.837
0.50000 -9.791592 -252.960348 -10.178899
-608.768643 -81.835309 3061.894
0.75000 -9.791592 -234.652756 -10.178899
-608.580580 -82.350272 3134.958
1.00000 -9.791592 -217.744322 -10.178899
-608.391947 -84.140841 -3199.846

-608.957847 -82.492276 -3014.837
0.50000 9.791592 -252.960348 -10.178899
-608.768643 -81.835309 3061.894
0.75000 9.791592 -234

REL DIŞT P M2 V2 V3
0.00000 -3.748458 -144.599787 -0.559689
-456.972553 -24.171446 -918.073876
0.25000 -3.748458 -124.585685 -0.559689
-456.972553 -27.986955 -989.858371
0.50000 -3.748458 -104.737689 -0.559689
-456.972553 -31.924547 -1061.671
0.75000 -3.748458 -85.950683 -0.559689
-456.972553 -35.965770 -916.3361
1.00000 -3.748458 -68.476392 -0.559689
-456.972553 -39.934026 -1206.182

COMB DB-G2-2-----MAX

REL DIŞT P M2 V2 V3
0.00000 5.668505 500.376510 9.288084
225.959374 66.239917 3604.514
0.25000 5.668505 527.977698 9.288084
225.959374 59.512687 3176.216
0.50000 5.668505 556.511142 9.288084
225.959374 54.020084 2875.100
0.75000 5.668505 585.576327 9.288084
225.959374 49.886526 2566.482
1.00000 5.668505 614.785476 9.288084
225.959374 47.903469 2249.146

COMB DB-G2-2-----MIN

REL DIŞT P M2 V2 V3
0.00000 -4.916716 -214.484545 -1.296970
-613.667292 -36.243517 -1686.760
0.25000 -4.916716 -185.905572 -1.296970
-613.667292 -41.243128 -1800.617
0.50000 -4.916716 -158.310936 -1.296970
-613.667292 -46.306522 -1914.475
0.75000 -4.916716 -132.149474 -1.296970
-613.667292 -51.403789 -2028.713
1.00000 -4.916716 -107.710425 -1.296970
-613.667292 -56.526323 -2143.239

COMB DB-G2-3-----MAX

REL DIŞT P M2 V2 V3
0.00000 8.272362 549.330319 8.703415
517.298874 75.551079 3502.352
0.25000 8.272362 574.099496 8.703415
517.298874 71.802493 3057.774
0.50000 8.272362 599.705903 8.703415
517.298874 69.242648 3136.330
0.75000 8.272362 625.789437 8.703415
517.298874 68.000085 2771.022
1.00000 8.272362 651.993050 8.703415
517.298874 67.904315 2411.674

COMB DB-G2-3-----MIN

REL DIŞT P M2 V2 V3
0.00000 -7.787750 -218.067874 -5.801108
-621.462716 -56.340393 -2202.995
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REL DIŞT P M2 V2 V3
0.25000 -7.787750 -192.423229 -5.801108
-621.462716 -56.394173 -2321.622
0.50000 -7.787750 -167.660531 -5.801108
-621.462716 -57.748655 -2414.249
0.75000 -7.787750 -144.184132 -5.801108
-621.462716 -58.403162 -2559.220
1.00000 -7.787750 -122.254527 -5.801108
-621.462716 -60.615851 -2678.556

COMB DL-G1-1-----MAX

REL DIŞT P M2 V2 V3
0.00000 6.412927 146.984450 0.506420
517.351334 24.427526 1133.317
0.25000 6.412927 147.919444 0.506420
518.102541 25.931830 1000.126
0.50000 6.412927 147.856392 0.506420
518.927804 35.952169 889.792306
0.75000 6.412927 148.321110 0.506420
519.814022 42.603962 793.174510
1.00000 6.412927 148.798940 0.506420
520.746759 49.988609 725.320852

COMB DL-G1-1-----MIN

REL DIŞT P M2 V2 V3
0.00000 -6.314580 -49.712028 -9.340291
-127.564842 -43.647953 -1171.313
0.25000 -6.314580 -49.367668 -9.340291
-126.502253 -37.671621 -983.557
0.50000 -6.314580 -49.041930 -9.340291
-125.487263 -32.253467 -1160.782
0.75000 -6.314580 -48.739788 -9.340291
-124.532774 -27.941130 -988.954
1.00000 -6.314580 -48.464821 -9.340291
-123.650857 -25.504950 -1236.638

COMB DL-G1-2-----MAX

REL DIŞT P M2 V2 V3
0.00000 8.302071 338.657820 2.084040
782.265615 50.911211 2364.905
0.25000 8.302071 339.697699 2.084040
783.679125 58.509216 2070.517
0.50000 8.302071 340.580333 2.084040
785.234469 66.708330 1819.877
0.75000 8.302071 341.497718 2.084040
786.907547 75.739111 1647.878
1.00000 8.302071 342.440489 2.084040
788.668567 85.654454 1523.991

COMB DL-G1-2-----MIN

REL DIŞT P M2 V2 V3
0.00000 -8.020931 -100.181404 -11.981047
-322.642768 -69.672002 -2184.686
0.25000 -8.020931 -99.505750 -11.981047
-320.609349 -63.942088 -2186.216
0.50000 -8.020931 -98.865767 -11.981047
-318.664720 -59.311289 -1986.871
0.75000 -8.020931 -98.271664 -11.981047
-316.836667 -56.061500 -2316.530
1.00000 -8.020931 -97.731096 -11.981047
-315.148157 -54.192402 -2461.144

COMB DL-G1-3-----MAX

REL DIŞT P M2 V2 V3
0.00000 10.860691 571.173348 8.301103
739.419908 87.235739 3773.939
0.25000 10.860691 591.419393 8.301103
739.429907 83.150850 3334.876
0.50000 10.860691 612.618579 8.301103
739.600263 87.139774 2968.871
0.75000 10.860691 634.551442 8.301103
756.894043 93.138714 2711.049
1.00000 10.860691 657.003935 8.301103
778.300056 100.496341 2482.673
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FRAME ELEMENT INTERNA

L FORCES

COMB DL-G1-3-----MIN

REL DIŞT P M2 V2 V3
0.00000 -10.344653 -219.051488 -11.478873
-655.937431 -83.084244 -3025.817
0.25000 -10.344653 -203.765364 -11.478873
-625.707371 -81.843807 -3070.669
0.50000 -10.344653 -189.254224 -11.478873
-594.961621 -81.880249 -3190.371
0.75000 -10.344653 -175.832283 -11.478873
-565.705468 -83.535909 -3398.834
1.00000 -10.344653 -163.530133 -11.478873
-546.182451 -86.893444 -3697.810

COMB DL-G2-1-----MAX

REL DIŞT P M2 V2 V3
0.00000 5.303356 332.186058 9.983594
122.289410 49.625401 1981.816
0.25000 5.303356 352.899084 9.983594
122.289410 43.576312 1804.894
0.50000 5.303356 374.505888 9.983594
122.289410 37.499213 1649.926
0.75000 5.303356 396.757573 9.983594
122.289410 34.321682 1498.679
1.00000 5.303356 419.397141 9.983594
122.289410 31.797956 1350.773

COMB DL-G2-1-----MIN

REL DIŞT P M2 V2 V3
0.00000 -4.708056 -140.493938 -1.044696
-518.390775 -93.653418 -1265.723
0.25000 -4.708056 -126.234315 -1.044696
-528.118976 -97.746897 -1325.752
0.50000 -4.708056 -112.667078 -1.044696
-537.838177 -96.356151 -1449.110
0.75000 -4.708056 -100.014231 -1.044696
-547.557378 -93.660462 -1668.195
1.00000 -4.708056 -88.505255 -1.044696
-557.276578 -91.790196 -1856.462

COMB DL-G2-2-----MAX

REL DIŞT P M2 V2 V3
0.00000 6.947859 565.323994 12.726880
282.894661 77.736199 3240.898
0.25000 6.947859 593.413135 12.726880
282.894661 72.046997 3083.084
0.50000 6.947859 622.741970 12.726880
282.894661 67.470787 2790.861
0.75000 6.947859 653.013283 12.726880
282.894661 64.323824 2542.139
1.00000 6.947859 683.896257 12.726880
282.894661 62.629173 2323.469

COMB DL-G2-2-----MIN

REL DIŞT P M2 V2 V3
0.00000 -6.147817 -224.984669 -2.161248
-733.664805 -55.412244 -2343.710
0.25000 -6.147817 -204.633751 -2.161248
-733.481465 -63.616418 -2513.110
0.50000 -6.147817 -185.709849 -2.161248
-733.298126 -72.358135 -2598.877
0.75000 -6.147817 -167.892280 -2.161248
-733.114786 -81.867579 -2852.008
1.00000 -6.147817 -151.670688 -2.161248
-732.931446 -92.254854 -3196.717

COMB DL-G2-3-----MAX

REL DIŞT P M2 V2 V3
0.00000 10.597863 640.335364 12.045025
624.335643 89.560678 4050.444
0.25000 10.597863 665.628785 12.045025
624.335643 87.977823 3627.440
0.50000 10.597863 692.038556 12.045025
624.335643 87.774307 3260.393
0.75000 10.597863 719.297139 12.045025
624.335643 89.355121 2956.901
1.00000 10.597863 747.106643 12.045025
624.335643 92.807144 2702.038
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FRAME ELEMENT INTERNA

COMB DL-G2-3-----MIN

REL DIŞT P M2 V2 V3
0.00000 -9.862349 -240.952614 -8.132430
-769.571779 -79.151035 -3199.641
0.25000 -9.862349 -222.805909 -8.132430
-769.358111 -82.518913 -3278.224
0.50000 -9.862349 -205.584132 -8.132430
-769.194443 -87.078290 -3442.904
0.75000 -9.862349 -193.532695 -8.132430
-769.005775 -93.077272 -3705.468
1.00000 -9.862349 -174.930655 -8.132430
-768.817106 -100.671993 -4067.511

COMB DB-----MAX

REL DIŞT P M2 V2 V3
0.00000 8.364954 549.330319 9.288084
662.693405 75.551079 3873.352
0.25000 8.364954 574.099496 9.288084
668.477223 71.802493 3057.774
0.50000 8.364954 599.705903 9.288084
668.404858 69.242648 3136.330
0.75000 8.364954 625.789437 9.288084
671.006155 72.537572 2771.022
1.00000 8.364954 651.993050 9.288084
675.176255 75.855908 2411.674

COMB DB-----MIN

REL DIŞT P M2 V2 V3
0.00000 -8.211964 -218.067874 -8.895367
-621.462716 -62.490258 -2202.995
0.25000 -8.211964 -192.423229 -8.895367
-621.462716 -58.807121 -2321.622
0.50000 -8.211964 -167.660531 -8.895367
-621.462716 -57.026553 -2414.249
0.75000 -8.211964 -144.184132 -8.895367
-621.462716 -55.403162 -2559.220
1.00000 -8.211964 -122.254527 -8.895367
-621.462716 -60.615851 -2678.556

COMB DL-----MAX

REL DIŞT P M2 V2 V3
0.00000 10.860691 640.335364 12.726880
782.265615 87.235739 3773.939
0.25000 10.860691 665.628785 12.726880
783.679125 87.778233 3627.440
0.50000 10.860691 692.038556 12.726880
785.234469 87.774307 3260.393
0.75000 10.860691 719.297139 12.726880
786.907547 93.138714 2956.901
1.00000 10.860691 747.106643 12.726880
788.668567 100.486341 2702.038

COMB DL-----MIN

REL DIŞT P M2 V2 V3
0.00000 -10.344653 -240.952614 -11.981047
-769.571779 -83.084244 -3199.641
0.25000 -10.344653 -222.805909 -11.981047
-769.358111 -87.078290 -3442.904
0.50000 -10.344653 -205.584132 -11.981047
-769.194443 -93.077272 -3705.468
0.75000 -10.344653 -174.930655 -11.981047
-768.817106 -100.671993 -4067.511

-769.383111 -82.518913 -3278.224
0.50000 -10.344653 -205.584132 -11.981047
-769.194443 -93.077272 -3705.468
1.00000 -10.344653 -174.930655 -11.981047
-768.817106 -100.671993 -4067.511

COMB CAR-----MAX

REL DIŞT P M2 V2 V3
0.00000 10.860691 640.335364 12.726880
782.265615 89.560678 4050.444
0.25000 10.860691 665.628785 12.726880
783.679125 87.977823 3627.440
0.50000 10.860691 692.038556 12.726880
785.234469 87.774307 3260.393
0.75000 10.860691 719.297139 12.726880
786.907547 93.138714 2956.901
1.00000 10.860691 747.106643 12.726880
788.668567 100.486341 2702.038
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FRAME ELEMENT INTERNA

COMB CAR-----MIN

REL DIŞT P M2 V2 V3
0.00000 -10.344653 -240.952614 -11.981047
-769.571779 -83.084244 -3199.641
0.25000 -10.344653 -222.805909 -11.981047
-769.383111 -82.518913 -3278.224
0.50000 -10.344653 -205.584132 -11.981047
-769.194443 -87.078290 -3442.904
0.75000 -10.344653 -189.532695 -11.981047
-769.005775 -93.077272 -3705.468
1.00000 -10.344653 -174.930655 -11.981047
-768.817106 -100.671993 -4067.511

COMB DESIGN-----MAX

REL DIŞT P M2 V2 V3
0.00000 10.860691 640.335364 12.726880
782.265615 89.560678 4050.444
0.25000 10.860691 665.628785 12.726880
783.679125 87.977823 3627.440
0.50000 10.860691 692.038556 12.726880
785.234469 87.774307 3260.393
0.75000 10.860691 719.297139 12.726880
786.907547 93.138714 2956.901
1.00000 10.860691 747.106643 12.726880
788.668567 100.486341 2702.038

COMB DESIGN-----MIN

REL DIŞT P M2 V2 V3
0.00000 -10.344653 -240.952614 -11.981047
-769.571779 -83.084244 -3199.641
0.25000 -10.344653 -222.805909 -11.981047
-769.383111 -82.518913 -3278.224
0.50000 -10.344653 -205.584132 -11.981047
-769.194443 -87.078290 -3442.904
0.75000 -10.344653 -189.532695 -11.981047
-769.005775 -93.077272 -3705.468
1.00000 -10.344653 -174.930655 -11.981047
-768.817106 -100.671993 -4067.511

ELEM 72-----LENGTH

COMB DB-G1-1-----MAX

REL DIŞT P M2 V2 V3
0.00000 4.802777 113.439172 0.335901
428.108824 32.589928 421.291405
0.25000 4.802777 113.852587 0.335901
429.182820 35.385118 380.805195
0.50000 4.802777 114.265265 0.335901
430.303779 38.342754 336.936099
0.75000 4.802777 114.699225 0.335901
431.523685 41.369365 342.524373
1.00000 4.802777 115.152961 0.335901
432.918776 44.463351 347.885329

COMB DB-G1-1-----MIN

REL DIŞT P M2 V2 V3
0.00000 -5.042505 -31.246683 -7.123822
-167.93591 -22.091182 -976.958904
0.25000 -5.042505 -30.795515 -7.123822
-165.931382 -15.659343 -864.856722
0.50000 -5.042505 -30.413054 -7.123822
-167.904716 -10.377286 -853.268023
0.75000 -5.042505 -30.051196 -7.123822
-163.528141 -6.588805 -842.487829
1.00000 -5.042505 -29.750355 -7.123822
-162.45

839.602401 125.981358 1271.3047

COMB DL-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -8.102515 -100.569047 -12.150435
-451.206988 -53.718158 -2460.871
0.25000 -8.102815 -99.959345 -12.150435
-449.160605 -49.740134 -2625.831
0.50000 -8.102815 -99.959345 -12.150435
-447.214888 -47.248946 -2853.414
0.75000 -8.102815 -98.870565 -12.150435
-445.397171 -46.978545 -3131.332
1.00000 -8.102815 -98.870565 -12.150435
-443.731281 -48.766288 -3458.335

COMB DL-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 11.131599 675.932112 8.582896
846.106750 98.971737 2461.528
0.25000 11.131599 697.926176 8.582896
846.112555 104.114410 2238.146
0.50000 11.131599 720.139728 8.582896
847.059366 110.934526 2070.561
0.75000 11.131599 744.225636 8.582896
859.006985 119.602460 1964.665
1.00000 11.131599 768.137319 8.582896
883.047553 129.830323 1910.091

COMB DL-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 10.903536 -189.013052 -11.733919
-771.899936 98.971737 2461.528
0.25000 10.903536 -175.707259 -11.733919
-740.221885 -86.823286 -4079.409
0.50000 10.903536 -163.256295 -11.733919
-708.847296 -70.913634 -4553.047
0.75000 10.903536 -151.918394 -11.733919
-685.391749 -94.422277 -5108.339
1.00000 10.903536 -141.776947 -11.733919
-677.787773 -101.693325 -5746.846

COMB DL-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 5.804033 436.907818 10.080301
242.975293 90.940498 1351.750
0.25000 5.804033 459.822616 10.080301
242.975293 26.488296 1225.716
0.50000 5.804033 483.489151 10.080301
242.975293 25.301482 1107.412
0.75000 5.804033 507.767122 10.080301
242.975293 25.953616 999.437508
1.00000 5.804033 532.362487 10.080301
242.975293 27.440191 905.859053

COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -5.306565 -100.717459 -1.278005
-558.014326 -61.282678 -1856.223
0.25000 -5.306565 -98.948159 -1.278005
-567.731754 -56.731754 -2067.067
0.50000 -5.306565 -97.725399 -1.278005
-577.449181 -76.802536 -2571.657
0.75000 -5.306565 -97.668070 -1.278005
-587.168609 -86.1895 -2932.466
1.00000 -5.306565 -98.944657 -1.278005
-596.884037 -96.543135 -3336.816
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 7.448757 721.044712 12.989661
420.168348 61.331620 2324.414
0.25000 7.448757 751.123126 12.989661
420.168348 57.525570 2089.798
0.50000 7.448757 783.799682 12.989661
420.168348 55.251968 1886.061
0.75000 7.448757 816.499678 12.989661
420.168348 55.277264 1728.801
1.00000 7.448757 849.752919 12.989661
420.168348 57.508655 1614.295

COMB DL-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -6.819907 -168.185963 -2.614207
-766.163503 -91.531347 -3195.734
0.25000 -6.819907 -151.132695 -2.614207
-765.990197 -74.617119 -4065.343
0.50000 -6.819907 -135.91176 -2.614207
-765.796890 -111.619776 -4232.551
0.75000 -6.819907 -120.635693 -2.614207
-765.613584 -123.133720 -4667.509
1.00000 -6.819907 -107.698022 -2.614207
-765.430281 -135.518208 -5585.990

COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.996173 785.391643 12.989661
776.341853 91.217018 2701.871
0.25000 10.996173 813.140601 12.989661
776.341853 91.933913 2424.501
0.50000 10.996173 841.899769 12.989661
776.341853 94.835421 2213.907
0.75000 10.996173 871.340072 12.989661
776.341853 100.743703 2072.041
1.00000 10.996173 901.288214 12.989661
776.341853 108.845018 1985.431

COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -10.530713 -192.386804 -8.562108
-880.230436 -99.822574 -4066.412
0.25000 -10.530713 -177.028920 -8.562108
-880.041802 -105.475958 -4526.661
0.50000 -10.530713 -162.677022 -8.562108
-879.853168 -114.592121 -5086.747
0.75000 -10.530713 -149.563919 -8.562108
-879.664535 -125.477447 -5735.799
1.00000 -10.530713 -137.918394 -8.562108
-879.475905 -137.361682 -6476.755

COMB DB ----- MAX
REL DIST T P M2 M3 V3
0.00000 8.670738 642.423704 9.665331
680.234780 74.613470 2411.851
0.25000 8.670738 667.187349 9.665331
683.160851 75.140977 1938.979
0.50000 8.670738 692.557989 9.665331
686.163528 76.229139 1561.638
0.75000 8.670738 718.173761 9.665331
689.504890 80.075320 1202.087
1.00000 8.670738 743.732164 9.665331
693.306443 83.619415 924.96449

COMB DB ----- MIN
REL DIST T P M2 M3 V3
0.00000 -8.688380 -147.592566 -9.363667
-695.329768 -59.406601 -2678.574
0.25000 -8.688380 -124.544305 -9.363667

-695.329768 -60.128659 -2815.194
0.50000 -8.688380 -102.551571 -9.363667
-695.329768 -64.624109 -3068.668
0.75000 -8.688380 -85.129229 -9.363667
-695.329768 -69.228302 -3089.145
1.00000 -8.688380 -78.898834 -9.363667
0.75000 78.933980 320.003668
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FRAME ELEMENT INTERNA
L FORCES

COMB DL ----- MAX
REL DIST T P M2 M3 V3
0.00000 11.131599 785.391643 12.989661
846.106750 98.971737 2701.871
0.25000 11.131599 813.140601 12.989661
846.112555 104.114410 2424.501
0.50000 11.131599 841.899769 12.989661
847.059366 110.934526 2213.907
0.75000 11.131599 871.340072 12.989661
859.006985 119.602460 2072.041
1.00000 11.131599 901.288214 12.989661
883.047553 129.830323 1985.431

COMB DL ----- MIN
REL DIST T P M2 M3 V3
0.00000 10.903536 -192.386804 -12.150435
-880.230436 -99.822574 -4066.412
0.25000 10.903536 -177.028920 -12.150435
-880.041802 -105.475958 -4526.661
0.50000 10.903536 -163.256295 -12.150435
-879.853168 -114.592121 -5086.747
0.75000 10.903536 -151.918394 -12.150435
-879.664535 -125.477447 -5735.799
1.00000 10.903536 -141.776947 -12.150435
-879.475905 -137.361682 -6476.755

COMB CAR ----- MAX
REL DIST T P M2 M3 V3
0.00000 11.131599 785.391643 12.989661
846.106750 98.971737 2701.871
0.25000 11.131599 813.140601 12.989661
846.112555 104.114410 2424.501
0.50000 11.131599 841.899769 12.989661
847.059366 110.934526 2213.907
0.75000 11.131599 871.340072 12.989661
859.006985 119.602460 2072.041
1.00000 11.131599 901.288214 12.989661
883.047553 129.830323 1985.431

COMB CAR ----- MIN
REL DIST T P M2 M3 V3
0.00000 10.903536 -192.386804 -12.150435
-880.230436 -99.822574 -4066.412
0.25000 10.903536 -177.028920 -12.150435
-880.041802 -105.475958 -4526.661
0.50000 10.903536 -163.256295 -12.150435
-879.853168 -114.592121 -5086.747
0.75000 10.903536 -151.918394 -12.150435
-879.664535 -125.477447 -5735.799
1.00000 10.903536 -141.776947 -12.150435
-879.475905 -137.361682 -6476.755

COMB DESIGN ----- MAX
REL DIST T P M2 M3 V3
0.00000 11.131599 785.391643 12.989661
846.106750 98.971737 2701.871
0.25000 11.131599 813.140601 12.989661
846.112555 104.114410 2424.501
0.50000 11.131599 841.899769 12.989661
847.059366 110.934526 2213.907
0.75000 11.131599 871.340072 12.989661
859.006985 119.602460 2072.041
1.00000 11.131599 901.288214 12.989661
883.047553 129.830323 1985.431

COMB DESIGN ----- MIN
REL DIST T P M2 M3 V3
0.00000 10.903536 -192.386804 -12.150435
-880.230436 -99.822574 -4066.412
0.25000 10.903536 -177.028920 -12.150435
-880.041802 -105.475958 -4526.661
0.50000 10.903536 -163.256295 -12.150435
-879.853168 -114.592121 -5086.747
0.75000 10.903536 -151.918394 -12.150435
-879.664535 -125.477447 -5735.799
1.00000 10.903536 -141.776947 -12.150435
-879.475905 -137.361682 -6476.755
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FRAME ELEMENT INTERNA
L FORCES

ELEM 73 ----- LENGTH = 3.508693
COMB DB-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 4.838230 99.340403 2.130943
375.899936 44.261510 937.898380
0.25000 4.838230 100.233160 2.130943
376.773381 44.415400 353.123477
0.50000 4.838230 100.531987 2.130943
377.065139 44.658946 358.683567
0.75000 4.838230 100.828873 2.130943
378.568457 45.038962 364.243658
1.00000 4.838230 101.121647 2.130943
379.473448 45.472606 369.803952

COMB DB-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -5.148036 -52.273300 -5.281098
-26.450084 -26.003204 34.8187
0.25000 -5.148036 -52.001214 -5.281098
-280.519792 -6.186368 -800.825447
0.50000 -5.148036 -51.750672 -5.281098
-279.797971 -6.398661 21.149863
0.75000 -5.148036 -51.730625 -5.281098
-278.720199 -6.635398 -742.268673
1.00000 -5.148036 -51.732605 -5.281098
-277.920963 -6.892246 -713.903149

COMB DB-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.255288 296.165426 3.645947
634.094046 78.994504 649.193248
0.25000 6.255288 296.924796 3.645947
636.443742 80.944630 661.060358
0.50000 6.255288 297.808720 3.645947
638.876663 82.153108 673.658374
0.75000 6.255288 298.824796 3.645947
641.342277 83.915558 686.256390
1.00000 6.255288 299.429590 3.645947
643.813088 85.797601 698.855021

COMB DB-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -6.255288 -296.165426 -3.645947
-634.094046 -78.994504 -649.193248
0.25000 -6.255288 -296.924796 -3.645947
-636.443742 -80.944630 -661.060358
0.50000 -6.255288 -297.808720 -3.645947
-638.876663 -82.153108 -673.658374
0.75000 -6.255288 -298.824796 -3.645947
-641.342277 -83.915558 -686.256390
1.00000 -6.255288 -299.429590 -3.645947
-643.813088 -85.797601 -698.855021

0.00000 -6.416210 -76.812163 -7.785552
-501.889912 -25.161296 1799.620
0.25000 -6.416210 -76.065188 -7.785552
-499.350571 -26.166527 -1786.952
0.50000 -6.416210 -75.392089 -7.785552
-496.861714 -27.282435 -1774.680
0.75000 -6.416210 -75.364018 -7.785552
-494.438810 -28.555745 -1763.844
1.00000 -6.416210 -75.364018 -7.785552
-492.258410 -30.127419 -1753.543

COMB DB-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 9.028645 621.568764 6.633606
704.300146 83.006610 909.138955
0.25000 9.028645 635.939550 6.633606
704.300146 83.530688 915.963785
0.50000 9.028645 650.362038 6.633606
704.301022 84.743767 937.076887
0.75000 9.028645 664.744180 6.633606
704.301022 85.050855 958.198990
1.00000 9.028645 678.936847 6.633606
712.138022 86.578317 979.343901

COMB DB-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -9.160900 -100.296050 -8.916201
-660.239726 -50.953398 -2918.799
0.25000 -9.160900 -96.250901 -8.916201
-637.884433 -52.051433 -2980.903
0.50000 -9.160900 -96.250901 -8.916201
-637.884433 -53.349870 -3043.359
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REL DIST T P M2 M3 V3
0.75000 -9.160900 -96.250901 -8.916201
-637.884433 -54.178990 -3107.105
1.00000 -9.160900 -96.250901 -8.916201
-637.884433 -56.576095 -3173.592

COMB DB-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 5.141636 449.329237 5.772627
294.687506 12.996135 387.398732
0.25000 5.141636 462.961481 5.772627
294.687506 13.549838 393.786274
0.50000 5.141636 476.768888 5.772627
294.687506 14.103207 396.001151
0.75000 5.141636 490.585550 5.772627
294.687506 5.141636 424.257579
294.687506 15.212974 420.509353

COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -4.672332 -34.361111 -1.608992
-402.666674 -51.127352 -1823.931
0.25000 -4.672332 -34.361111 -1.608992
-402.666674 -51.449217 -1725.909
0.50000 -4.672332 -34.361111 -1.608992
-402.666674 -51.934719 -1628.991
0.75000 -4.672332 -34.361111 -1.608992
-402.666674 -52.425030 -1930.438
1.00000 -4.672332 -34.361111 -1.608992
-402.666674 -53.073358 -2040.151

COMB DB-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.681661 718.259864 7.771299
484.824178 6.681661 707.818382
0.25000 6.681661 737.441783 7.771299
484.824178 38.201805 707.892528
0.50000 6.681661 756.755543 7.771299
484.824178 39.651810 707.892528
0.75000 6.681661 776.064655 7.771299
484.824178 41.753889 749.100134
1.00000 6.681661 795.138590 7.771299
484.824178 43.525487 769.753178

COMB DB-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -6.037184 -62.391918 -3.879321
-575.978741 -72.094216 -2754.604
0.25000 -6.037184 -62.391918 -3.879321
-575.978741 -73.179057 -2896.176
0.50000 -6.037184 -62.391918 -3.879321
-575.978741 -74.454438 -3037.747
0.75000 -6.037184 -62.391918 -3.879321
-575.978741 -75.790222 -3179.340
1.00000 -6.037184 -62.391918 -3.879321
-575.978741 -77.136307 -3328.411

COMB DB-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 9.154778 747.105916 8.068383
721.166507 65.936388 925.211496
0.25000 9.154778 764.317403 8.068383
721.166507 67.673600 930.411753
0.50000 9.154778 781.647890 8.068383
721.166507 69.295687 954.087426
0.75000 9.154778 796.974388 8.068383
721.166507 71.156555 978.784010
1.00000 9.154778 816.090283 8.068383
721.166507 79.063480 1001.515

COMB DB-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -8.937930 -83.490207 -7.338664
-734.617877 -72.621556 -3226.872
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COMB DL-G2-3 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-11.245278	-158.886792	-8.602018	
-933.521746	-136.856355	-6475.836		
0.25000	-11.245278	-150.724193	-8.602018	
-933.389693	-141.743024	-7105.267		
0.50000	-11.245278	-145.446634	-8.602018	
-933.258303	-146.893247	-7750.333		
0.75000	-11.245278	-144.775459	-8.602018	
-933.125594	-152.265074	-8438.085		
1.00000	-11.245278	-164.545271	-8.602018	
-932.997312	-157.849400	-9169.075		

COMB DB ----- MAX

REL DIST	P	M2	M3	V3
0.00000	9.154777	747.105918	8.068383	
721.166507	83.006610	925.211496		
0.25000	9.154778	764.317403	8.068383	
721.166507	83.530568	930.411753		
0.50000	9.154778	781.647890	8.068383	
721.166507	84.243767	954.081426		
0.75000	9.154778	798.974386	8.068383	
721.166507	86.058065	977.784410		
0.00000	9.154778	816.090293	8.068383	
721.166507	87.873817	1001.515		

COMB DB ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-9.160900	-100.296080	-8.916201	
-734.617877	-83.006610	-925.211496		
0.25000	-9.160900	-96.250901	-8.916201	
-734.617877	-73.938600	-3339.395		
0.50000	-9.160900	-96.250901	-8.916201	
-734.617877	-73.938600	-3339.395		
0.75000	-9.160900	-96.250901	-8.916201	
-734.617877	-77.140771	-3565.157		
1.00000	-9.160900	-96.250901	-8.916201	
-734.617877	-79.162624	-3685.131		

COMB DL ----- MAX

REL DIST	P	M2	M3	V3
0.00000	11.560764	962.755574	10.022137	
903.247470	129.196145	1985.523		
0.25000	11.560764	984.246347	10.022137	
903.247470	133.270801	1925.561		
0.50000	11.560764	1006.131	10.022137	
903.247470	137.927920	1902.253		
0.75000	11.560764	1028.298	10.022137	
903.247470	142.790913	1952.859		
1.00000	11.560764	1050.644	10.022137	
916.815842	147.859513	2035.222		

COMB DL ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-11.474962	-185.112084	-9.914733	
-933.521746	-136.856355	-6475.836		
0.25000	-11.474962	-177.493497	-9.914733	
-933.389693	-141.743024	-7105.267		
0.50000	-11.474962	-170.369882	-9.914733	
-933.258303	-146.893247	-7750.333		
0.75000	-11.474962	-165.076347	-9.914733	
-933.125594	-152.265074	-8438.085		
1.00000	-11.474962	-164.545271	-9.914733	
-932.997312	-157.849400	-9169.075		

COMB CAR ----- MAX

REL DIST	P	M2	M3	V3
0.00000	11.560764	962.755574	10.022137	
903.247470	129.196145	1985.523		
0.25000	11.560764	984.246347	10.022137	
903.247470	133.270801	1925.561		
0.50000	11.560764	1006.131	10.022137	
903.247470	137.927920	1902.253		
0.75000	11.560764	1028.298	10.022137	
903.247470	142.790913	1952.859		
1.00000	11.560764	1050.644	10.022137	
916.815842	147.859513	2035.222		

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COMB CAR ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-11.474962	-185.112084	-9.914733	
-933.521746	-136.856355	-6475.836		
0.25000	-11.474962	-177.493497	-9.914733	
-933.389693	-141.743024	-7105.267		
0.50000	-11.474962	-170.369882	-9.914733	
-933.258303	-146.893247	-7750.333		
0.75000	-11.474962	-165.076347	-9.914733	
-933.125594	-152.265074	-8438.085		
1.00000	-11.474962	-164.545271	-9.914733	
-932.997312	-157.849400	-9169.075		

COMB DESIGN ----- MAX

REL DIST	P	M2	M3	V3
0.00000	11.560764	962.755574	10.022137	
903.247470	129.196145	1985.523		
0.25000	11.560764	984.246347	10.022137	
903.247470	133.270801	1925.561		
0.50000	11.560764	1006.131	10.022137	
903.247470	137.927920	1902.253		
0.75000	11.560764	1028.298	10.022137	
903.247470	142.790913	1952.859		
1.00000	11.560764	1050.644	10.022137	
916.815842	147.859513	2035.222		

COMB DESIGN ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-11.474962	-185.112084	-9.914733	
-933.521746	-136.856355	-6475.836		
0.25000	-11.474962	-177.493497	-9.914733	
-933.389693	-141.743024	-7105.267		
0.50000	-11.474962	-170.369882	-9.914733	
-933.258303	-146.893247	-7750.333		
0.75000	-11.474962	-165.076347	-9.914733	
-933.125594	-152.265074	-8438.085		
1.00000	-11.474962	-164.545271	-9.914733	
-932.997312	-157.849400	-9169.075		

ELEM 74 ----- LENGTH = 3.508369

COMB DB-G1-1 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	7.818101	52.058833	5.285909	
277.871787	45.421727	368.529502		
0.25000	7.818101	52.058833	5.285909	
278.671397	44.805735	341.823929		
0.50000	7.818101	52.058833	5.285909	
279.559228	44.445432	334.681179		
0.75000	7.818101	52.296115	5.285909	
280.471116	44.228870	325.853991		
1.00000	7.818101	52.677553	5.285909	
281.401487	44.092422	325.877550		

COMB DB-G1-1 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	7.818101	52.058833	5.285909	
277.871787	45.421727	368.529502		
0.25000	7.818101	52.058833	5.285909	
278.671397	44.805735	341.823929		
0.50000	7.818101	52.058833	5.285909	
279.559228	44.445432	334.681179		
0.75000	7.818101	52.296115	5.285909	
280.471116	44.228870	325.853991		
1.00000	7.818101	52.677553	5.285909	
281.401487	44.092422	325.877550		

COMB DB-G1-1 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	7.818101	52.058833	5.285909	
277.871787	45.421727	368.529502		
0.25000	7.818101	52.058833	5.285909	
278.671397	44.805735	341.823929		
0.50000	7.818101	52.058833	5.285909	
279.559228	44.445432	334.681179		
0.75000	7.818101	52.296115	5.285909	
280.471116	44.228870	325.853991		
1.00000	7.818101	52.677553	5.285909	
281.401487	44.092422	325.877550		

COMB DB-G1-1 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	7.818101	52.058833	5.285909	
277.871787	45.421727	368.529502		
0.25000	7.818101	52.058833	5.285909	
278.671397	44.805735	341.823929		
0.50000	7.818101	52.058833	5.285909	
279.559228	44.445432	334.681179		
0.75000	7.818101	52.296115	5.285909	
280.471116	44.228870	325.853991		
1.00000	7.818101	52.677553	5.285909	
281.401487	44.092422	325.877550		

COMB DB-G1-1 ----- MIN

0.00000 -8.134729 -101.687938 -2.132633

REL DIST	P	M2	M3	V3
0.00000	-8.134729	-101.687938	-2.132633	
-379.538612	-7.055347	-702.382351		
0.25000	-8.134729	-101.396608	-2.132633	
-378.633992	-6.886746	-730.857788		
0.50000	-8.134729	-101.099179	-2.132633	
-377.731026	-6.718145	-760.221345		
0.75000	-8.134729	-100.800811	-2.132633	
-376.839594	-6.549544	-790.459633		
1.00000	-8.134729	-100.502162	-2.132633	
-375.965360	-6.380943	-821.407740		

COMB DB-G1-2 ----- MAX

REL DIST	P	M2	M3	V3
492.133791	85.787204	697.177642	7.786492	
0.25000	8.908152	76.942551	7.786492	
494.317219	83.682390	646.188993	7.786492	
0.50000	8.908152	76.942551	7.786492	
496.740288	81.935876	630.101963		
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COMB DB-G1-2 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	9.913918	77.557217	7.786492	
499.229333	80.311416	618.782601	7.786492	
1.00000	9.913918	78.303060	7.786492	
501.768895	78.833640	609.185759		

COMB DB-G1-2 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-9.913918	-200.208136	-3.634901	
-643.977464	-30.232766	-1739.494		
0.25000	-9.913918	-239.404564	-3.634901	
-642.154319	-29.154319	-1840.417		
0.50000	-9.913918	-298.589751	-3.634901	
-639.043030	-28.076442	-1755.719		
0.75000	-9.913918	-279.769897	-3.634901	
-636.611007	-26.998944	-1768.725		
1.00000	-9.913918	-296.948979	-3.634901	
-634.260809	-25.923252	-1782.192		

COMB DB-G1-3 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	14.219591	99.186181	9.818285	
637.566882	87.870464	978.087672	9.818285	
0.25000	14.219591	99.186181	9.818285	
637.566882	85.824024	905.98575	9.818285	
0.50000	14.219591	99.186181	9.818285	
637.566882	84.543425	879.362183	9.818285	
0.75000	14.219591	99.186181	9.818285	
637.566882	83.353628	859.99807	9.818285	
1.00000	14.219591	101.522741	9.818285	
660.023045	82.853255	873.182669		

-906.757985 -151.843270 -8412.841
0.50000 18.759683 -1002.525 10.344942
-906.757985 -146.17216 -107.088 10.344942
0.75000 18.759683 -1005.65 10.344942
-906.757985 -140.683117 -7043.641 10.344942
1.00000 18.759683 -984.167968 10.344942
-906.757985 -135.54444 -63.112 10.344942
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FRAME ELEMENT INTERNAL FORCES

ELEM 5.012385 ===== LENGTH

COMB DB-G1-1 ===== MAX

REL DIST P M2 M3 V3
0.00000 7.768733 31.716220 7.129360
0.25000 44.234025 325.732329 7.129360
0.50000 7.768733 31.964413 7.129360
0.665398 41.222401 -833.074785 7.129360
0.75000 7.768733 32.345779 7.129360
0.841612 38.291166 316.506743 7.129360
0.75000 7.768733 32.345779 7.129360
166.067832 35.271597 31.388021 7.129360
1.00000 7.768733 33.178379 7.129360
167.455642 32.488282 417.723810

COMB DB-G1-1 ===== MIN

REL DIST P M2 M3 V3
0.00000 -8.027986 -115.774967 -0.316559
-432.915682 -6.571429 -822.196462 -0.316559
0.25000 7.768733 31.964413 0.316559
-431.520449 -6.593340 -833.074785 -0.316559
0.50000 -8.027986 -114.888737 -0.316559
-430.300306 -10.369895 -844.570953 -0.316559
0.75000 -8.027986 -114.467980 -0.316559
-429.179103 -15.643136 -856.703279 -0.316559
1.00000 -8.027986 -114.055127 -0.316559
-428.105041 -22.022173 -869.325107

COMB DB-G1-2 ===== MAX

REL DIST P M2 M3 V3
0.00000 9.783017 59.429700 9.368560
340.211011 79.063869 609.242799 9.368560
0.25000 9.783017 60.154517 9.368560
343.132857 79.063869 609.242799 9.368560
0.50000 9.783017 61.147471 9.368560
346.341936 69.270738 687.280765 9.368560
0.75000 9.783017 62.197141 9.368560
349.697797 9.783017 62.197141 9.368560
1.00000 9.783017 62.197141 9.368560
353.470483 60.001651 1099.237

COMB DB-G1-2 ===== MIN

REL DIST P M2 M3 V3
0.00000 -9.834308 -295.039042 -1.540508
-693.429014 -26.067353 -1783.328 -1.540508
0.25000 -9.834308 -293.771590 -1.540508
-689.627068 -24.907657 -1785.395 -1.540508
0.50000 -9.834308 -292.604829 -1.540508
-686.337556 -24.542389 -1748.671 -1.540508
0.75000 -9.834308 -291.446297 -1.540508
-683.281696 -20.07341 -1748.671 -1.540508
1.00000 -9.834308 -290.310930 -1.540508
-680.355433 -36.902281 -1716.229

COMB DB-G1-3 ===== MAX

REL DIST P M2 M3 V3
0.00000 13.861338 82.358956 8.967510
531.351467 83.464553 873.126575 8.967510
0.25000 13.861338 88.146207 8.967510
531.351467 79.934996 1084.855 8.967510
0.50000 13.861338 105.316243 8.967510
537.812130 76.994644 1368.823 8.967510
0.75000 13.861338 123.784765 8.967510
569.081494 75.016014 1664.811 8.967510
1.00000 13.861338 144.001651 8.967510
597.373459 74.03674 2080.940

COMB DB-G1-3 ===== MIN

REL DIST P M2 M3 V3
0.00000 -13.792224 -637.723366 -6.137224
-688.957802 -12.547780 -2696.925 -6.137224
0.25000 -13.792224 -616.055235 -6.137224
-679.216879 -49.178993 -2803.537 -6.137224
0.50000 -13.792224 -595.099804 -6.137224
-679.216879 -46.479017 -2811.661 -6.137224
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.75000 -13.792224 -574.340006 -6.137224
-679.216879 -49.343806 -2619.963 -6.137224
1.00000 -13.792224 -554.040623 -6.137224
-679.216879 -53.431045 -2528.809

COMB DB-G2-1 ===== MAX

REL DIST P M2 M3 V3
0.00000 7.569781 34.497021 0.740979
462.954876 7.569781 386.065972 0.740979
0.25000 7.569781 34.497021 0.740979
462.954876 11.902907 628.861680 0.740979
0.50000 7.569781 47.254765 0.740979
462.954876 11.258364 691.309108 0.740979
0.75000 7.569781 64.663115 0.740979
462.954876 10.614795 1131.640 0.740979
1.00000 7.569781 82.296295 0.740979
462.954876 17.128726 1350.265

COMB DB-G2-1 ===== MIN

REL DIST P M2 M3 V3
0.00000 -6.969234 -446.467838 -7.490655
-173.626668 -52.094424 -1614.926 -7.490655
0.25000 -6.969234 -446.467838 -7.490655
-173.626668 -48.610979 -1511.094 -7.490655
0.50000 -6.969234 -405.894396 -7.490655
-173.626668 -45.201499 -1407.261 -7.490655
0.75000 -6.969234 -385.054382 -7.490655
-173.626668 -41.898084 -1307.969 -7.490655
1.00000 -6.969234 -365.619045 -7.490655
-173.626668 -38.723000 -1200.413

COMB DB-G2-2 ===== MAX

REL DIST P M2 M3 V3
0.00000 9.640894 63.671035 1.703647
622.241419 35.788184 694.414347 1.703647
0.25000 9.640894 64.504850 1.703647
622.241419 33.858172 1013.086 1.703647
0.50000 9.640894 87.522492 1.703647
622.241419 33.706490 1427.097 1.703647
0.75000 9.640894 111.995030 1.703647
622.241419 38.970248 1841.425 1.703647
1.00000 9.640894 137.658537 1.703647
622.241419 45.556334 2244.696

COMB DB-G2-2 ===== MIN

REL DIST P M2 M3 V3
0.00000 -8.804211 -709.475626 -9.668327
-338.218286 -73.624335 -2738.303 -9.668327
0.25000 -8.804211 -681.034156 -9.668327
-338.218286 -68.897783 -2586.304 -9.668327
0.50000 -8.804211 -652.529196 -9.668327
-338.218286 -64.291831 -2434.436 -9.668327
0.75000 -8.804211 -624.300454 -9.668327
-338.218286 -59.762693 -2308.973 -9.668327
1.00000 -8.804211 -596.745693 -9.668327
-338.218286 -55.404131 -2131.509

COMB DB-G2-3 ===== MAX

REL DIST P M2 M3 V3
0.00000 13.823599 83.665473 6.397545
695.399568 65.361548 894.504002 6.397545
0.25000 13.823599 84.358997 6.397545
695.399568 61.563138 1172.868 6.397545
0.50000 13.823599 105.017290 6.397545
695.399568 59.334535 1539.671 6.397545
0.75000 13.823599 126.976124 6.397545
695.399568 62.190472 1931.090 6.397545
1.00000 13.823599 149.990877 6.397545
695.399568 66.284254 2403.904

COMB DB-G2-3 ===== MIN

REL DIST P M2 M3 V3
0.00000 -13.365841 -744.590283 -9.115230
-625.872660 -74.110454 -3204.864 -9.115230
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.25000 -13.365841 -719.082334 -9.115230
-625.872660 -69.360946 -3068.528 -9.115230
0.50000 -13.365841 -693.501330 -9.115230
-625.872660 -64.720729 -2932.328 -9.115230
0.75000 -13.365841 -668.168252 -9.115230
-625.872660 -60.148716 -2796.863 -9.115230
1.00000 -13.365841 -64.310172 -2661.495 -9.115230
-625.872660 -59.481511 -2661.495

COMB DL-G1-1 ===== MAX

REL DIST P M2 M3 V3
0.00000 11.228359 62.359867 9.192100
238.34093 11.228359 62.359867 9.192100
0.25000 11.228359 62.597154 9.192100
239.403704 70.022167 617.217263 9.192100
0.50000 11.228359 62.862822 9.192100
240.351917 62.311721 610.937905 9.192100
0.75000 11.228359 63.153027 9.192100
241.367508 55.448836 628.064717 9.192100
1.00000 11.228359 63.464004 9.192100
242.436914 49.349729 689.854745

COMB DL-G1-1 ===== MIN

REL DIST P M2 M3 V3
0.00000 -10.982557 -157.067448 -0.572382
-55.5617809 -12.591262 -157.067448 -0.572382
0.25000 -10.982557 -156.567570 -0.572382
-55.7250248 -13.340105 -1391.619 -0.572382
0.50000 -10.982557 -156.077915 -0.572382
-55.6326517 -15.698611 -156.077915 -0.572382
0.75000 -10.982557 -155.603582 -0.572382
-55.460358 -19.475011 -1205.434 -0.572382
1.00000 -10.982557 -155.148654 -0.572382
-55.465688 -24.518571 -1148.249

COMB DL-G1-2 ===== MAX

REL DIST P M2 M3 V3
0.00000 14.348772 106.144621 12.252714
444.837497 125.706911 1239.733 12.252714
0.25000 14.348772 106.690387 12.252714
446.503532 113.801739 1201.651 12.252714
0.50000 14.348772 107.129509 12.252714
448.320591 102.716280 1215.504 12.252714
0.75000 14.348772 107.697692 12.252714
450.266451 92.670142 1302.548 12.252714
1.00000 14.348772 108.306770 12.252714
452.314240 83.616312 1470.010

COMB DL-G1-2 ===== MIN

REL DIST P M2 M3 V3
0.00000 -13.679402 -390.464846 -2.539098
-843.257984 -48.397977 -3399.621 -2.539098
0.25000 -13.679402 -389.477238 -2.539098
-841.424617 -46.174055 -3398.890 -2.539098
0.50000 -13.679402 -388.509314 -2.539098
-839.675525 -46.367802 -2753.131 -2.539098
0.75000 -13.679402 -387.571430 -2.539098
-838.036657 -46.631316 -2504.664 -2.539098
1.00000 -13.679402 -386.671430 -2.539098
-836.536372 -52.364035 -2309.171

COMB DL-G1-3 ===== MAX

REL DIST P M2 M3 V3
0.00000 19.652949 151.433134 11.890290
678.169365 129.281316 1871.024 11.890290
0.25000 19.652949 161.560289 11.890290
685.769126 118.801240 1914.243 11.890290
0.50000 19.652949 172.910279 11.890290
709.165998 109.878441 2008.569 11.890290
0.75000 19.652949 185.321426 11.890290
740.537754 102.767921 2168.764 11.890290
1.00000 19.652949 198.921028 11.890290
772.217011 97.380658 2400.434
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ===== MIN

REL DIST P M2 M3 V3
0.00000 -18.313120 -789.700550 -8.799652
-887.105890 -100.653183 -5669.171 -8.799652
0.25000 -18.313120 -765.812740 -8.799652
-863.061136 -93.029564 -5003.289 -8.799652
0.50000 -18.313120 -742.321370 -8.799652
-851.024348 -87.567633 -4422.242 -8.799652
0.75000 -18.313120 -719.486552 -8.799652
-848.026112 -84.678006 -3849.835 -8.799652
1.00000 -18.313120 -697.487933 -8.799652
-850.015111 -83.553062 -3499.835

COMB DL-G2-1 ===== MAX

REL DIST P M2 M3 V3
0.00000 9.864900 62.217134 1.386120
595.814417 26.845461 893.265584 1.386120
0.25000 9.864900 71.135991 1.386120
586.096817 25.243704 982.494621 1.386120
0.50000 9.864900 81.186902 1.386120
576.378817 24.457506 1085.882 1.386120
0.75000 9.864900 92.186615 1.386120
566.661017 25.631716 1199.543 1.386120
1.00000 9.864900 103.915604 1.386120

556.943217 29.982256 1320.915

COMB DL-G2-1 ===== MIN

REL DIST P M2 M3 V3
0.00000 -8.592595 -540.504579 -10.321182
-244.391280 -95.380801 -3304.590 -10.321182
0.25000 -8.592595 -515.917228 -10.321182
-244.391280 -84.765377 -2889.987 -10.321182
0.50000 -8.592595 -491.665970 -10.321182
-244.391280 -75.002090 -2518.857 -10.321182
0.75000 -8.592595 -467.948234 -10.321182
-244.391280 -66.419182 -2066.462 -10.321182
1.00000 -8.592595 -445.006560 -10.321182
-244.391280 -58.818785 -1783.021

COMB DL-G2-2 ===== MAX

REL DIST P M2 M3 V3
0.00000 12.962684 114.191877 2.859153
764.282629 56.433545 1590.270 2.859153
0.25000 12.962684 127.139855 2.859153
764.465939 53.943640 1696.222 2.859153
0.50000 12.962684 141.684297 2.859153
764.649253 51.969633 1886.888 2.859153
0.75000 12.962684 157.589813 2.859153
764.832566 55.885049 2039.819 2.859153
1.00000 12.962684 174.599666 2.859153
765.015879 53.371354 2265.672

COMB DL-G2-2 ===== MIN

REL DIST P M2 M3 V3
0.00000 -11.166401 -865.22983 -13.307934
-425.275286 -134.065502 -5130.086 -13.307934
0.25000 -11.166401 -831.979729 -13.307934
-422.275286 -121.284250 -4791.723 -13.307934
0.50000 -11.166401 -799.250620 -13.307934
-422.275286 -109.413672 -4136.726 -13.307934
0.75000 -11.166401 -767.299577 -13.307934
-422.275286 -98.365604 -3559.212 -13.307934
1.00000 -11.166401 -736.472067 -13.307934
-422.275286 -88.387380 -3059.041

COMB DL-G2-3 ===== MAX

REL DIST P M2 M3 V3
0.00000 19.285120 147.207044 8.810429
879.071552 107.824446 1948.341 8.810429
0.25000 19.285120 158.862877 8.810429
879.260190 99.428309 2023.544 8.810429
0.50000 19.285120 171.966277 8.810429
879.448830 93.441115 2153.868 8.810429
0.75000 19.285120 186.290077 8.810429
879.637471 90.200694 2355.959 8.810429
1.00000 19.285120 201.608358 8.810429
879.826112 89.117327 2621.568
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ===== MIN

REL DIST P M2 M3 V3
0.00000 -17.499848 -922.506120 -12.733776
-780.212173 -135.919110 6396.986 -12.733776
0.25000 -17.499848 -892.555712 -12.733776
-780.212173 -123.539285 -5629.129 -12.733776
0.50000 -17.499848 -863.042729 -12.733776
-780.212173 -115.153282 -4952.954 -12.733776
0.75000 -17.499848 -834.323744 -12.733776
-780.212173 -102.506190 -4365.480 -12.733776
1.00000 -17.499848 -806.564921 -12.733776
-780.212173 96.375084 -3866.528

REL DIST P M2 M3 V3
0.00000 -6.531250 -383.755447 -7.181082
-77.327869 -39.750580 -1199.807
0.25000 -6.531250 -363.288367 -7.181082
-77.327869 -39.750580 -1199.807
0.50000 -6.531250 -342.317757 -7.181082
-77.327869 -31.753485 -1056.133
0.75000 -6.531250 -321.730058 -7.181082
-77.327869 -31.753485 -1056.133
1.00000 -6.531250 -301.862282 -7.181082
-77.327869 -24.017961 -913.375074

COMB DB-G2-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 9.192051 108.553180 1.392833
613.447175 46.953770 2243.341
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FRAME ELEMENT INTERNA
L FORCES
REL DIST P M2 M3 V3
0.25000 9.192051 132.939795 1.392833
613.447175 49.788644 2560.935
0.50000 9.192051 159.048910 1.392833
613.447175 53.900483 2869.432
0.75000 9.192051 186.591684 1.392833
613.447175 57.925191 3174.867
1.00000 9.192051 213.157676 1.392833
613.447175 66.080744 3455.668

COMB DB-G2-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -8.297861 -615.406120 -2.86456
-226.101771 -56.630425 -2131.030
0.25000 -8.297861 -586.300460 -2.86456
-226.101771 -51.498241 -2017.375
0.50000 -8.297861 -557.238587 -2.86456
-226.101771 -46.401132 -1903.850
0.75000 -8.297861 -528.787144 -2.86456
-226.101771 -41.344874 -1790.787
1.00000 -8.297861 -501.222408 -2.86456
-226.101771 -36.334229 -1677.811

COMB DB-G2-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 13.435944 124.603595 5.890139
621.207636 67.207349 2403.719
0.25000 13.435944 144.486106 5.890139
621.207636 67.866404 2563.210
0.50000 13.435944 169.912782 5.890139
621.207636 69.057136 2732.887
0.75000 13.435944 194.631680 5.890139
621.207636 71.641643 2906.906
1.00000 13.435944 220.231135 5.890139
621.207636 75.376371 3087.411

COMB DB-G2-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -12.815987 -653.141384 -8.727462
-517.299623 -60.293327 -2661.481
0.25000 -12.815987 -626.980193 -8.727462
-517.299623 -58.455635 -2543.413
0.50000 -12.815987 -600.936047 -8.727462
-517.299623 -56.297298 -2423.494
0.75000 -12.815987 -575.366646 -8.727462
-517.299623 -56.420901 -2307.990
1.00000 -12.815987 -550.631489 -8.727462
-517.299623 -56.346588 -2190.583

COMB DL-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 11.299049 52.580088 9.334566
125.085378 50.050975 691.386255
0.25000 11.299049 52.580088 9.334566
125.085378 52.658592 754.612441
0.50000 11.299049 53.157001 9.334566
126.921433 55.986076 840.260182
0.75000 11.299049 53.481953 9.334566
127.936446 59.360106 960.632321
1.00000 11.299049 53.825758 9.334566
128.992725 64.561595 1111.738

COMB DL-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -10.877918 -157.765453 -0.554321
-523.598789 -24.898117 -1148.112
0.25000 -10.877918 -157.287562 -0.554321
-522.865820 -24.476292 -1127.316
0.50000 -10.877918 -156.823197 -0.554321
-521.780145 -31.470205 -1035.723
0.75000 -10.877918 -156.376404 -0.554321
-520.954623 -36.529728 -944.265
1.00000 -10.877918 -155.951489 -0.554321
-520.203214 -42.699955 -1069.645
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FRAME ELEMENT INTERNA
L FORCES
COMB DL-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 14.631933 104.705504 12.089098
316.928794 84.732292 1471.929
0.25000 14.631933 105.260111 12.089098
318.615858 74.613972 1577.446
0.50000 14.631933 105.838855 12.089098
320.444185 65.611437 1742.532
0.75000 14.631933 106.477029 12.089098
322.388591 57.515843 1997.402
1.00000 14.631933 107.152386 12.089098
324.419433 50.038196 2324.486

COMB DL-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -13.695929 -358.547148 -2.196952
-792.799495 -52.834677 -2309.130
0.25000 -13.695929 -357.604212 -2.196952
-791.037984 -51.073949 -2185.009
0.50000 -13.695929 -356.687529 -2.196952
-789.366888 -57.739997 -1999.628
0.75000 -13.695929 -355.805107 -2.196952
-787.810394 -62.444327 -1819.983
1.00000 -13.695929 -354.965637 -2.196952
-786.397068 -68.268021 -1999.010

COMB DL-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 19.547899 172.509629 11.639629
547.217720 98.978400 2401.589
0.25000 19.547899 184.776712 11.639629
556.826677 91.364490 2619.329
0.50000 19.547899 198.219076 11.639629
566.079337 85.586223 2885.473
0.75000 19.547899 212.660763 11.639629
576.852244 81.441969 3234.626
1.00000 19.547899 227.907618 11.639629

657.082436 78.496796 3674.260
COMB DL-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -17.858053 -678.399584 -8.517939
-782.762679 -84.298472 -3500.333
0.25000 -17.858053 -655.939773 -8.517939
-761.371792 -80.593556 -3156.846
0.50000 -17.858053 -634.010239 -8.517939
-743.874339 -78.816471 -2900.127
0.75000 -17.858053 -612.814497 -8.517939
-743.712075 -78.821107 -2763.364
1.00000 -17.858053 -592.253757 -8.517939
-743.703381 -80.227909 -2775.198

COMB DL-G2-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 9.369935 91.694940 1.151058
556.405990 30.747509 2319.911
0.25000 9.369935 103.190660 1.151058
546.689211 33.109043 1463.169
0.50000 9.369935 115.832080 1.151058
536.872431 36.935516 1610.930
0.75000 9.369935 129.370746 1.151058
527.255652 42.365977 1763.896
1.00000 9.369935 143.800676 1.151058
517.538672 48.717846 1957.243

COMB DL-G2-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -7.983567 -427.537851 -10.214610
-123.882804 -12.220559 -783.292
0.25000 -7.983567 -404.889756 -10.214610
-123.882804 -50.768547 -1584.498
0.50000 -7.983567 -382.640918 -10.214610
-123.882804 -43.149284 -1387.305
0.75000 -7.983567 -361.054437 -10.214610
-123.882804 -36.547446 -1204.379
1.00000 -7.983567 -340.335925 -10.214610
-123.882804 -30.608872 -1166.367
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FRAME ELEMENT INTERNA
L FORCES
COMB DL-G2-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 12.535305 157.654283 2.398308
732.039276 60.630003 2264.684
0.25000 12.535305 173.857607 2.398308
732.222570 62.000897 2474.553
0.50000 12.535305 191.659478 2.398308
732.405864 65.019274 2644.888
0.75000 12.535305 210.743600 2.398308
732.589158 69.740221 3006.538
1.00000 12.535305 230.835658 2.398308
732.772452 75.784417 3376.433

COMB DL-G2-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -10.539737 -699.392415 -13.031159
-285.139600 -68.969711 -3080.665
0.25000 -10.539737 -668.500488 -13.031159
-285.139600 -78.127352 -2691.360
0.50000 -10.539737 -638.250606 -13.031159
-285.139600 -88.999815 -2298.828
0.75000 -10.539737 -608.918234 -13.031159
-285.139600 -95.695301 -2200.087
1.00000 -10.539737 -580.831437 -13.031159
-285.139600 -107.476997 -2156.653

COMB DL-G2-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 19.011536 183.641120 8.377708
769.034761 90.754784 2621.728
0.25000 19.011536 198.231942 8.377708
769.223382 86.942700 2864.909
0.50000 19.011536 214.264014 8.377708
769.412003 85.210620 3151.531
0.75000 19.011536 231.449969 8.377708
769.600624 85.551863 3526.305
1.00000 19.011536 249.543669 8.377708
769.789245 87.505341 3992.676

COMB DL-G2-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -16.906279 -768.265877 -12.376734
-628.717007 -97.106069 -3867.699
0.25000 -16.906279 -740.452326 -12.376734
-628.717007 -89.010666 -3485.639
0.50000 -16.906279 -713.209022 -12.376734
-628.717007 -82.756804 -3177.174
0.75000 -16.906279 -686.796950 -12.376734
-628.717007 -75.821107 -2985.474
1.00000 -16.906279 -661.504757 -12.376734
-628.717007 -75.092822 -2954.684

COMB DB ----- MAX
REL DIST P M2 M3 V3
0.00000 13.577158 124.603595 8.898240
621.207636 75.744811 2403.719
0.25000 13.577158 146.486106 8.898240
621.207636 72.215753 2563.210
0.50000 13.577158 169.912782 8.898240
621.207636 69.490012 2732.887
0.75000 13.577158 194.631680 8.898240
621.207636 71.641643 2906.906
1.00000 13.577158 220.231135 8.898240
621.207636 75.378371 3087.411

COMB DB ----- MIN
REL DIST P M2 M3 V3
0.00000 -13.328234 -653.141384 -2.86456
-675.014647 -60.883332 -2661.481
0.25000 -13.328234 -626.980193 -2.86456
-671.345928 -58.455635 -2543.413
0.50000 -13.328234 -600.936047 -2.86456
-668.245804 -56.297298 -2423.494
0.75000 -13.328234 -575.366646 -2.86456
-665.318265 -55.845577 -2307.990
1.00000 -13.328234 -550.631489 -2.86456
-662.533841 -52.505896 -2190.583
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FRAME ELEMENT INTERNA
L FORCES
COMB DL-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 19.547899 183.641120 12.089098
769.034761 98.978400 2621.728
0.25000 19.547899 198.232811 12.089098
769.223382 91.364490 2864.909
0.50000 19.547899 214.264014 12.089098
769.412003 85.586223 3157.531
0.75000 19.547899 231.449969 12.089098
769.600624 85.551863 3526.305
1.00000 19.547899 249.543669 12.089098

769.789245 87.505341 3992.676
COMB DL-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -17.858053 -678.265877 -13.031159
-792.799495 -97.106069 -3867.699
0.25000 -17.858053 -740.452326 -13.031159
-791.037984 -89.010666 -3485.639
0.50000 -17.858053 -713.209022 -13.031159
-789.366888 -82.756804 -3177.174
0.75000 -17.858053 -686.796950 -13.031159
-787.810394 -78.821107 -2985.474
1.00000 -17.858053 -661.504757 -13.031159
-786.397068 -80.227909 -2954.684

COMB CAR ----- MAX
REL DIST P M2 M3 V3
0.00000 19.547899 183.641120 12.089098
769.034761 98.978400 2621.728
0.25000 19.547899 198.232811 12.089098
769.223382 91.364490 2864.909
0.50000 19.547899 214.264014 12.089098
769.412003 85.586223 3157.531
0.75000 19.547899 231.449969 12.089098
769.600624 85.551863 3526.305
1.00000 19.547899 249.543669 12.089098
769.789245 87.505341 3992.676

COMB CAR ----- MIN
REL DIST P M2 M3 V3
0.00000 -17.858053 -678.265877 -13.031159
-792.799495 -97.106069 -3867.699
0.25000 -17.858053 -740.452326 -13.031159
-791.037984 -89.010666 -3485.639
0.50000 -17.858053 -713.209022 -13.031159
-789.366888 -82.756804 -3177.174
0.75000 -17.858053 -686.796950 -13.031159
-787.810394 -78.821107 -2985.474
1.00000 -17.858053 -661.504757 -13.031159
-786.397068 -80.227909 -2954.684

COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 19.547899 183.641120 12.089098
769.034761 98.978400 2621.728
0.25000 19.547899 198.232811 12.089098
769.223382 91.364490 2864.909
0.50000 19.547899 214.264014 12.089098
769.412003 85.586223 3157.531
0.75000 19.547899 231.449969 12.089098
769.600624 85.551863 3526.305
1.00000 19.547899 249.543669 12.089098
769.789245 87.505341 3992.676

COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -17.858053 -678.265877 -13.031159
-792.799495 -97.106069 -3867.699
0.25000 -17.858053 -740.452326 -13.031159
-791.037984 -89.010666 -3485.639
0.50000 -17.858053 -713.209022 -13.031159
-789.366888 -82.756804 -3177.174
0.75000 -17.858053 -686.796950 -13.031159
-787.810394 -78.821107 -2985.474
1.00000 -17.858053 -661.504757 -13.031159
-786.397068 -80.227909 -2954.684
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FRAME ELEMENT INTERNA
L FORCES
ELEM 77 ----- LENGTH = 5.012461
COMB DB-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 7.679824 34.579329 5.943935
49.789587 19.199127 840.189943
0.25000 7.679824 34.969476 5.943935
49.789587 19.199127 840.189943
0.50000 7.679824 35.381914 5.943935
51.929619 13.433686 999.485131
0.75000 7.679824 35.812846 5.943935
54.10878 13.433686 1089.354
1.00000 7.679824 36.291832 5.943935
54.10878 13.433686 1183.206

COMB DB-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -7.652381 -94.788755 -1.556692
-354.47332 -41.296263 -816.545632
0.25000 -7.652381 -94.305121 -1.556692
-353.142469 -42.720084 -787.377350
0.50000 -7.652381 -93.863562 -1.556692
-351.958812 -45.232027 -758.272920
0.75000 -7.652381 -93.432067 -1.556692
-350.899945 -48.946535 -729.170382
1.00000 -7.652381 -93.014830 -1.556692
-349.885381 -53.743409 -700.068088

COMB DB-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 9.690837 74.832564 7.696651
204.441745 40.303932 1975.725
0.25000 9.690837 75.905145 7.696651
207.258344 35.824206 2088.771
0.50000 9.690837 77.039146 7.696651
210.21517 69.690791 2240.246
0.75000 9.690837 78.224041 7.696651
213.365712 27.103251 2430.790
1.00000 9.690837 79.539339 7.696651
216.995456 22.906401 2647.391

COMB DB-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -9.452805 -228.828422 -2.658723
-501.061260 -54.811919 -1539.019
0.25000 -9.452805 -227.502084 -2.658723
-501.029582 -58.555963 -1476.934
0.50000 -9.452805 -226.287829 -2.658723
-500.996965 -62.901711 -1414.890
0.75000 -9.452805 -225.101280 -2.658723
-500.963163 -65.000337 -1352.851
1.00000 -9.452805 -223.954072 -2.658723
-502.199985 -70.057222 -1290.813

COMB DB-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 13.276714 159.979568 8.328979
350.477331 68.993432 3431.031
0.25000 13.276714 178.969501 8.328979
367.397103 65.537735 36

252.582929 28.328933 3221.083

COMB DL-G1-2 ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -13.58197      -308.062879      -3.113040
-655.961963      -68.859128      -1999.783      -3.113040
0.25000      -13.581971      -307.158300      -3.113040
-654.199628      -70.518300      -2018.642      -3.113040
0.50000      13.581972      -306.21938      -3.113040
-652.513710      -73.304218      -2037.509      -3.113040
0.75000      -13.581971      -305.404063      -3.113040
-650.935572      -77.236667      -2056.358      -3.113040
1.00000      13.581972      -304.65628      -3.113040
-649.495717      -82.095442      -2075.202
```

COMB DL-G1-3 ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      19.428446      205.606810      10.337148
430.103006      80.615413      3975.305      10.337148
0.25000      19.428446      219.529884      10.337148
455.354856      76.320612      4024.481      10.337148
0.50000      19.428446      234.639950      10.337148
483.207555      68.340778      4052.138      10.337148
0.75000      19.428446      250.745210      10.337148
512.978310      70.924574      4673.102      10.337148
1.00000      19.428446      267.627593      10.337148
542.834676      65.528229      4966.428      10.337148
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -17.377805      -573.960584      -8.163373
-653.924723      -81.259710      -2775.670      -8.163373
0.25000      -17.377805      -552.641786      -8.163373
-632.428810      -77.631899      -2785.226      -8.163373
0.50000      -17.377805      -531.989893      -8.163373
-611.853096      -79.310768      -2788.904      -8.163373
0.75000      -17.377805      -511.942698      -8.163373
-606.240959      -80.216387      -2795.522      -8.163373
1.00000      -17.377805      -493.013463      -8.163373
-606.239616      -82.367601      -2802.445
```

COMB DL-G2-1 ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      8.947066      120.490888      1.734206
448.972836      49.867782      1955.306      1.734206
0.25000      8.947066      133.968663      1.734206
439.254896      52.436713      2152.319      1.734206
0.50000      8.947066      148.546047      1.734206
429.536957      56.067469      2318.042      1.734206
0.75000      8.947066      164.014169      1.734206
419.819017      60.707577      2451.922      1.734206
1.00000      8.947066      180.124970      1.734206
410.101078      65.928798      2554.494
```

COMB DL-G2-1 ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -7.466402      -349.783248      -8.142754
-64.551948      -31.983410      -1125.888      -8.142754
0.25000      -7.466402      -328.61193      -8.142754
-64.551948      -26.474166      -1150.880      -8.142754
0.50000      -7.466402      -307.897907      -8.142754
-64.551948      -24.107686      -1159.309      -8.142754
0.75000      -7.466402      -287.885107      -8.142754
-64.551948      -17.955839      -1120.389      -8.142754
1.00000      -7.466402      -268.846254      -8.142754
-64.551948      -14.061889      -1105.286
```

COMB DL-G2-2 ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      12.180755      203.448004      3.317913
605.754257      77.562542      3374.424      3.317913
0.25000      12.180755      222.186383      3.317913
605.937573      79.339650      3687.271      3.317913
0.50000      12.180755      242.614777      3.317913
606.120187      82.240882      3968.088      3.317913
0.75000      12.180755      264.023940      3.317913
606.304205      86.217006      4252.121      3.317913
1.00000      12.180755      286.546085      3.317913
606.487521      91.015470      4445.360
```

COMB DL-G2-2 ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -9.984488      -577.468883      10.688501
-216.621118      -52.732036      -2156.631      10.688501
0.25000      -9.984488      -548.386128      10.688501
-216.621118      -66.153927      -2193.093      10.688501
0.50000      -9.984488      -520.006718      10.688501
-216.621118      -40.081818      -2121.546      10.688501
0.75000      -9.984488      -492.647312      10.688501
-216.621118      -34.740109      -2139.975      10.688501
1.00000      -9.984488      -466.640312      10.688501
-216.621118      -28.861196      -2086.583
```

COMB DL-G2-3 ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      18.750314      226.276427      8.008877
608.699618      89.679314      3992.226      8.008877
0.25000      18.750314      243.149048      8.008877
608.888262      88.163465      4367.545      8.008877
0.50000      18.750314      261.408582      8.008877
609.076265      87.993761      4717.898      8.008877
0.75000      18.750314      280.825963      8.008877
609.265549      89.064141      5048.135      8.008877
1.00000      18.750314      301.107663      8.008877
609.454192      91.128885      5346.804
```

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -16.316832      -639.241980      -10.716020
-492.154254      -76.170432      -2955.096      -10.716020
0.25000      -16.316832      -613.053210      -10.716020
-492.154254      -79.325885      -2982.430      -10.716020
0.50000      -16.316832      -587.497420      -10.716020
-492.154254      -68.599145      -2892.266      -10.716020
0.75000      -16.316832      -562.861198      -10.716020
-492.154254      -66.254254      -2892.266      -10.716020
1.00000      -16.316832      -539.442351      -10.716020
-492.154254      -64.522109      -2847.862
```

COMB DB ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      13.276714      183.880213      8.328979
540.041797      77.126926      3867.212      8.328979
0.25000      13.276714      206.833162      8.328979
540.041797      75.848667      4122.282      8.328979
0.50000      13.276714      231.264929      8.328979
540.041797      75.827657      4376.146      8.328979
0.75000      13.276714      256.843873      8.328979
540.041797      77.148882      4630.063      8.328979
1.00000      13.276714      284.405386
```

540.041797 79.639209 4873.707

COMB DB ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -12.841948      -567.186188      -8.110199
-594.661260      -63.369190      -2190.678      -8.110199
0.25000      -12.841948      -540.509522      -8.110199
-591.029582      -62.577729      -2082.663      -8.110199
0.50000      -12.841948      -514.126010      -8.110199
-587.880193      -62.973447      -1974.648      -8.110199
0.75000      -12.841948      -488.388054      -8.110199
-584.956665      -65.000337      -1866.752      -8.110199
1.00000      -12.841948      -463.861924      -8.110199
-582.199985      -70.057222      -1758.909
```

COMB DL ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      19.428446      226.276427      10.337148
608.699618      89.679314      3992.226      10.337148
0.25000      19.428446      243.149048      10.337148
608.888262      88.163465      4367.545      10.337148
0.50000      19.428446      261.408582      10.337148
609.076265      87.993761      4717.898      10.337148
0.75000      19.428446      280.825963      10.337148
609.265549      89.064141      5048.135      10.337148
1.00000      19.428446      301.107663      10.337148
609.454192      91.128885      5346.804
```

COMB DL ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -17.377805      -639.241980      -10.716020
-655.961963      -81.259710      -2955.096      -10.716020
0.25000      -17.377805      -613.053210      -10.716020
-654.199628      -79.631899      -2936.430      -10.716020
0.50000      -17.377805      -587.497420      -10.716020
-652.513710      -79.310768      -2982.266      -10.716020
0.75000      -17.377805      -562.861198      -10.716020
-650.935572      -80.216387      -2873.696      -10.716020
1.00000      -17.377805      -539.442351      -10.716020
-649.495717      -82.367601      -2847.862
```

COMB CAR ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      19.428446      226.276427      10.337148
608.699618      89.679314      3992.226      10.337148
0.25000      19.428446      243.149048      10.337148
608.888262      88.163465      4367.545      10.337148
0.50000      19.428446      261.408582      10.337148
609.076265      87.993761      4717.898      10.337148
0.75000      19.428446      280.825963      10.337148
609.265549      89.064141      5048.135      10.337148
1.00000      19.428446      301.107663      10.337148
609.454192      91.128885      5346.804
```

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -17.377805      -639.241980      -10.716020
-655.961963      -81.259710      -2955.096      -10.716020
0.25000      -17.377805      -613.053210      -10.716020
-654.199628      -79.631899      -2936.430      -10.716020
0.50000      -17.377805      -587.497420      -10.716020
-652.513710      -79.310768      -2982.266      -10.716020
0.75000      -17.377805      -562.861198      -10.716020
-650.935572      -80.216387      -2873.696      -10.716020
1.00000      -17.377805      -539.442351      -10.716020
-649.495717      -82.367601      -2847.862
```

COMB DESIGN ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      19.428446      226.276427      10.337148
608.699618      89.679314      3992.226      10.337148
0.25000      19.428446      243.149048      10.337148
608.888262      88.163465      4367.545      10.337148
0.50000      19.428446      261.408582      10.337148
609.076265      87.993761      4717.898      10.337148
0.75000      19.428446      280.825963      10.337148
609.265549      89.064141      5048.135      10.337148
1.00000      19.428446      301.107663      10.337148
609.454192      91.128885      5346.804
```

COMB DESIGN ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -17.377805      -639.241980      -10.716020
-655.961963      -81.259710      -2955.096      -10.716020
0.25000      -17.377805      -613.053210      -10.716020
-654.199628      -79.631899      -2936.430      -10.716020
0.50000      -17.377805      -587.497420      -10.716020
-652.513710      -79.310768      -2982.266      -10.716020
0.75000      -17.377805      -562.861198      -10.716020
-650.935572      -80.216387      -2873.696      -10.716020
1.00000      -17.377805      -539.442351      -10.716020
-649.495717      -82.367601      -2847.862
```

ELEM 78 ----- LENGTH = 5.012184

COMB DB-G1-1 ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      7.504449      35.295702      4.906388
48.040966      8.534942      184.2724      4.906388
0.25000      7.504449      35.695853      4.906388
49.836288      6.719146      321.364      4.906388
0.50000      7.504449      36.124174      4.906388
50.90452      4.944801      225.954      4.906388
0.75000      7.504449      36.565453      4.906388
52.079413      3.215907      1315.794      4.906388
1.00000      7.504449      37.054142      4.906388
53.416101      1.604990      1370.211
```

COMB DB-G1-1 ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -7.392585      -69.168514      -3.104885
-256.650836      -54.041066      -719.4419      -3.104885
0.25000      -7.392585      -68.677002      -3.104885
-255.309833      -53.543675      -663.050781      -3.104885
0.50000      -7.392585      -68.228874      -3.104885
-254.151844      -54.145447      -626.025143      -3.104885
0.75000      -7.392585      -67.793505      -3.104885
-253.045652      -56.037662      -599.034645      -3.104885
1.00000      -7.392585      -67.375295      -3.104885
-252.040476      -59.046237      -552.072487
```

COMB DB-G1-2 ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      9.502702      92.322326      6.510000
223.436967      23.622449      2648.757      6.510000
0.25000      9.502702      93.432437      6.510000
226.241224      20.548373      2690.090      6.510000
0.50000      9.502702      94.600028      6.510000
229.221066      17.339801      2760.399      6.510000
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```

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
T

```
0.75000      9.502702      95.813366      6.510000
232.345981      14.253129      2870.375      6.510000
1.00000      9.502702      97.155305      6.510000
235.981637      11.357311      3007.162
```

COMB DB-G1-2 ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -9.134247      -177.554319      -4.433901
-478.935972      70.351359      1290.941      -4.433901
0.25000      -9.134247      -176.204672      -4.433901
-475.288619      -69.301702      -1220.203      -4.433901
0.50000      -9.134247      -174.972345      -4.433901
-472.134644      -69.577778      1149.466      -4.433901
0.75000      -9.134247      -173.775213      -4.433901
-469.126780      -71.301226      -1078.776      -4.433901
1.00000      -9.134247      -172.625385      -4.433901
-466.296059      -74.262378      -1008.117
```

COMB DB-G1-3 ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      12.915884      203.816954      8.190935
305.843381      62.546932      4396.811      8.190935
0.25000      12.915884      223.443672      8.190935
327.253577      61.913446      4525.828      8.190935
0.50000      12.915884      244.187047      8.190935
354.719107      56.639042      4649.228      8.190935
0.75000      12.915884      265.71380      8.190935
380.066915      55.318890      4775.282      8.190935
1.00000      12.915884      288.652396      8.190935
416.472643      54.867593      4894.659
```

COMB DB-G1-3 ----- MIN

```
REL DIST      P      M2      M3      V3
T
0.00000      -12.348003      -418.611157      -7.482540
-507.818011      -68.085515      -1753.327      -7.482540
0.25000      -12.348003      -395.575155      -7.482540
-511.246629      -67.632593      -1653.060      -7.482540
0.50000      -12.348003      -373.613924      -7.482540
-449.251374      -66.296984      -1552.793      -7.482540
0.75000      -12.348003      -352.293846      -7.482540
-438.524023      -67.647773      -1452.570      -7.482540
1.00000      -12.348003      -331.88450      -7.482540
-438.524023      -70.116094      -1352.374
```

COMB DB-G2-1 ----- MAX

```
REL DIST      P      M2      M3      V3
T
0.00000      6.572625      147.663339      2.896548
301.335602      57.116535      2489.034      2.896548
0.25000      6.572625      166.591536      2.896548
301.335602
```

500.547484 92.933171 6048.451
COMB DL-G2-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -15.760933 -529.959583 -9.493417
-425.210160 -65.786847 -2847.951
0.25000 -15.760933 -505.09247 -9.493417
-425.210160 -62.969389 -2834.973
0.50000 -15.760933 -480.901431 -9.493417
-425.210160 -60.976280 -2821.966
0.75000 -15.760933 -457.720673 -9.493417
-425.210160 -59.673855 -2809.020 -9.493417
1.00000 -15.760933 -435.814590 -9.493417
-425.210160 -59.168712 -2800.815
COMB DB ----- MAX
REL DIST P M2 M3 V3
0.00000 12.915884 238.614881 8.190935
459.576306 81.270481 4873.575
0.25000 12.915884 262.334921 8.190935
459.576306 79.322033 5015.105
0.50000 12.915884 288.428559 8.190935
459.576306 77.931038 5131.385
0.75000 12.915884 317.610327 8.190935
459.576306 80.836852 5269.362
0.00000 12.915884 347.569295 8.190935
459.576306 83.680062 5385.358
COMB DB ----- MIN
REL DIST P M2 M3 V3
0.00000 -12.348003 -485.626812 -8.075291
-507.818011 -83.318632 -2847.951
0.25000 -12.348003 -458.546388 -8.075291
-475.286819 -69.301702 -1655.829
0.50000 -12.348003 -431.865878 -8.075291
-472.136464 -69.577778 -1552.793
0.75000 -12.348003 -405.978011 -8.075291
-469.126780 -71.301226 -1452.570
1.00000 -12.348003 -381.255673 -8.075291
-466.286059 -74.262378 -1322.374
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< MOVING Page LOAD 556 >
F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL ----- MAX
REL DIST P M2 M3 V3
0.00000 19.202487 275.746933 9.235157
499.729252 93.267553 5346.462
0.25000 19.202487 294.450191 9.235157
499.981585 92.688659 5558.590
0.50000 19.202487 314.550918 9.235157
500.170218 93.653631 5745.151
0.75000 19.202487 335.771129 9.235157
500.358851 95.618639 5911.664
1.00000 19.202487 357.800738 9.235157
500.547484 98.635465 6048.451
COMB DL ----- MIN
REL DIST P M2 M3 V3
0.00000 -16.882018 -529.959583 -9.493417
-547.643188 -83.318632 -2847.951
0.25000 -16.882018 -505.09247 -9.493417
-524.112842 -82.698212 -2834.973
0.50000 -16.882018 -480.901431 -9.493417
-502.360709 -83.806400 -2821.966
0.75000 -16.882018 -457.720673 -9.493417
-500.725903 -86.044572 -2815.704
1.00000 -16.882018 -435.814590 -9.493417
-499.238233 -89.204906 -2820.226
COMB CAR ----- MAX
REL DIST P M2 M3 V3
0.00000 19.202487 275.746933 9.235157
499.729252 93.267553 5346.462
0.25000 19.202487 294.450191 9.235157
499.981585 92.688659 5558.590
0.50000 19.202487 314.550918 9.235157
500.170218 93.653631 5745.151
0.75000 19.202487 335.771129 9.235157
500.358851 95.618639 5911.664
1.00000 19.202487 357.800738 9.235157
500.547484 98.635465 6048.451
COMB CAR ----- MIN
REL DIST P M2 M3 V3
0.00000 -16.882018 -529.959583 -9.493417
-547.643188 -83.318632 -2847.951
0.25000 -16.882018 -505.09247 -9.493417
-524.112842 -82.698212 -2834.973
0.50000 -16.882018 -480.901431 -9.493417
-502.360709 -83.806400 -2821.966
0.75000 -16.882018 -457.720673 -9.493417
-500.725903 -86.044572 -2815.704
1.00000 -16.882018 -435.814590 -9.493417
-499.238233 -89.204906 -2820.226
COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 19.202487 275.746933 9.235157
499.729252 93.267553 5346.462
0.25000 19.202487 294.450191 9.235157
499.981585 92.688659 5558.590
0.50000 19.202487 314.550918 9.235157
500.170218 93.653631 5745.151
0.75000 19.202487 335.771129 9.235157
500.358851 95.618639 5911.664
1.00000 19.202487 357.800738 9.235157
500.547484 98.635465 6048.451
COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -16.882018 -529.959583 -9.493417
-547.643188 -83.318632 -2847.951
0.25000 -16.882018 -505.09247 -9.493417
-524.112842 -82.698212 -2834.973
0.50000 -16.882018 -480.901431 -9.493417
-502.360709 -83.806400 -2821.966
0.75000 -16.882018 -457.720673 -9.493417
-500.725903 -86.044572 -2815.704
1.00000 -16.882018 -435.814590 -9.493417
-499.238233 -89.204906 -2820.226
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S
ELEM 79 ----- LENGTH
COMB DB-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 7.235164 39.401694 3.985376
143.455165 2.735164 39.401694
0.25000 7.235164 39.815598 3.985376
144.492231 1.458104 1362.516
0.50000 7.235164 40.249868 3.985376
145.594721 1.480295 1359.500
COMB DB-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 7.235164 39.401694 3.985376
143.455165 2.735164 39.401694
0.25000 7.235164 39.815598 3.985376
144.492231 1.458104 1362.516
0.50000 7.235164 40.249868 3.985376
145.594721 1.480295 1359.500

0.75000 7.235164 40.697202 3.985376
146.750074 1.530633 1363.192
1.00000 7.235164 40.191131 3.985376
148.091413 1.608020 1371.917
COMB DB-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -7.097893 -41.546225 -4.282875
-148.748149 -59.454102 -51.881774
0.25000 -7.097893 -41.052211 -4.282875
-147.407799 -57.406774 -51.757234
0.50000 -7.097893 -40.803817 -4.282875
-146.252418 -55.632548 -51.525221
0.75000 -7.097893 -40.170427 -4.282875
-145.149905 -56.985966 -52.036048
1.00000 -7.097893 -39.756377 -4.282875
-144.112829 -58.620450 -56.267077
COMB DB-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 9.200818 118.531710 5.454113
338.363943 12.229518 300.735
0.25000 9.200818 119.869643 5.454113
341.183086 9.999251 2961.901
0.50000 9.200818 120.860964 5.454113
344.182569 9.181684 2923.516
0.75000 9.200818 122.033791 5.454113
347.327434 9.495444 2963.180
1.00000 9.200818 123.450262 5.454113
350.975639 11.369190 3010.181
COMB DB-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -8.837369 -124.161693 -5.795690
-351.756593 -74.713266 -1008.106
0.25000 -8.837369 -122.805097 -5.795690
-348.108362 -71.844895 -933.84300
0.50000 -8.837369 -121.572110 -5.795690
-344.963421 -70.286129 -874.841696
0.75000 -8.837369 -120.337129 -5.795690
1.00000 -8.837369 -119.242114 -5.795690
-339.144707 -73.406852 -1026.778
COMB DB-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 12.487779 254.385114 7.909139
341.864543 56.102193 4895.004
0.25000 12.487779 274.550824 7.909139
343.961383 52.841230 4898.977
0.50000 12.487779 295.745219 7.909139
391.159854 50.679842 4894.723
0.75000 12.487779 317.704178 7.909139
416.540646 52.414320 4907.311
1.00000 12.487779 340.862383 7.909139
453.931209 55.376165 4898.363
COMB DB-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -11.917657 -341.916478 -8.192687
-454.250062 -70.528490 -1352.441
0.25000 -11.917657 -318.756653 -8.192687
-416.861739 -67.730180 -1251.462
0.50000 -11.917657 -296.739873 -8.192687
-391.481314 -66.111697 -1170.885
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 M3 V3
0.75000 -11.917657 -275.593424 -8.192687
-124.281897 -67.039772 -1274.746
1.00000 -11.917657 -255.419460 -8.192687
-342.189835 -69.402313 -1377.413
COMB DB-G2-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 6.318744 180.413294 4.105209
195.828704 64.175309 2700.865
0.25000 6.318744 199.909221 4.105209
195.828704 62.448067 2741.820
0.50000 6.318744 221.371072 4.105209
195.828704 61.770035 2752.888
0.75000 6.318744 241.926124 4.105209
195.828704 62.399780 2742.423
1.00000 6.318744 263.197121 4.105209
195.828704 64.081385 2702.062
COMB DB-G2-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -5.673686 -263.687253 -4.035948
-195.245151 -6.673686 -524.73990
0.25000 -5.673686 -242.400784 -4.035948
-195.245151 -4.429195 -484.270167
0.50000 -5.673686 -221.018997 -4.035948
-195.245151 9.528557 -451.698875
0.75000 -5.673686 -200.393413 -4.035948
-195.245151 -4.670955 -493.048392
1.00000 -5.673686 -180.889758 -4.035948
-195.245151 -5.630251 -534.399910
COMB DB-G2-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 8.182512 293.303797 5.843819
314.642925 84.573836 4638.573
0.25000 8.182512 320.491986 5.843819
314.642925 81.342059 4664.203
0.50000 8.182512 349.148173 5.843819
314.642925 79.593313 4664.734
0.75000 8.182512 378.864662 5.843819
314.642925 81.237579 4665.379
1.00000 8.182512 409.216031 5.843819
314.642925 84.420936 4641.196
COMB DB-G2-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -7.304244 -410.111445 -5.767856
-313.998203 -11.861210 -993.176890
0.25000 -7.304244 -379.730938 -5.767856
-313.998203 -10.157322 -917.388255
0.50000 -7.304244 -350.035828 -5.767856
-313.998203 9.111901 -856.501736
0.75000 -7.304244 -323.371032 -5.767856
-313.998203 -10.457397 -933.959178
1.00000 -7.304244 -294.171076 -5.767856
-313.998203 -12.067725 -1011.417
COMB DB-G2-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 12.234048 300.935957 7.804960
418.635574 79.760244 5385.204
0.25000 12.234048 325.333302 7.804960
418.635574 75.983980 5397.885
0.50000 12.234048 351.048817 7.804960
418.635574 73.691595 5394.040
0.75000 12.234048 377.715929 7.804960
418.635574 75.684121 5399.521
1.00000 12.234048 404.946301 7.804960
418.635574 79.202185 5388.640
COMB DB-G2-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 12.234048 300.935957 7.804960
418.635574 79.760244 5385.204
0.25000 12.234048 325.333302 7.804960
418.635574 75.983980 5397.885
0.50000 12.234048 351.048817 7.804960
418.635574 73.691595 5394.040
0.75000 12.234048 377.715929 7.804960
418.635574 75.684121 5399.521
1.00000 12.234048 404.946301 7.804960
418.635574 79.202185 5388.640

REL DIST P M2 M3 V3
0.00000 -11.396191 -406.050146 -7.948782
-418.497677 -47.856919 -1346.418
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 M3 V3
0.25000 11.396191 -378.817981 -7.948782
-418.497677 -44.996636 -1245.047
0.50000 11.396191 -352.145966 -7.948782
-418.497677 -43.378004 -1163.964
0.75000 11.396191 -326.422722 -7.948782
-418.497677 -42.210699 1832.430
1.00000 11.396191 -302.014814 -7.948782
-418.497677 -47.441874 -1371.261
COMB DL-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 10.937238 75.114555 4.067275
163.691971 2.952371 1829.037
0.25000 10.937238 75.473328 4.067275
164.509768 2.210699 1832.430
0.50000 10.937238 75.858001 4.067275
165.403857 1.986246 1836.853
0.75000 10.937238 76.264196 4.067275
166.359404 2.114272 1842.412
1.00000 10.937238 76.687106 4.067275
167.359475 2.493750 1848.958
COMB DL-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -10.141885 -79.875706 -4.186882
-168.088875 -66.529058 -1161.840
0.25000 -10.141885 -79.452410 -4.186882
-167.089117 -65.118821 -1163.128
0.50000 -10.141885 -79.050140 -4.186882
-166.133581 -64.475393 -1164.410
0.75000 -10.141885 -78.660883 -4.186882
-165.239840 -64.847611 -1165.713
1.00000 -10.141885 -78.301840 -4.186882
-164.422088 -65.965279 -1167.012
COMB DL-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 14.561716 177.560745 6.048121
375.522491 18.735997 3707.285
0.25000 14.561716 178.267854 6.048121
366.073338 17.257954 3693.050
0.50000 14.561716 179.025799 6.048121
367.01181 16.203977 3691.180
0.75000 14.561716 179.825899 6.048121
369.586708 16.966409 3711.221
1.00000 14.561716 180.658620 6.048121
371.486028 18.271820 3743.598
COMB DL-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -13.020994 -186.473066 -6.211007
-375.424475 -89.706779 -109.586
0.25000 -13.020994 -185.635178 -6.211007
-375.522491 -87.070006 -2110.939
0.50000 -13.020994 -184.839329 -6.211007
-367.710430 -85.710333 -2113.296
0.75000 -13.020994 -184.080226 -6.211007
-367.013213 -83.712149 -2115.656
1.00000 -13.020994 -183.372581 -6.211007
-365.462438 -88.878729 -2118.052
COMB DL-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 18.809323 306.593243 8.549296
388.061814 67.756173 5647.291
0.25000 18.809323 323.000387 8.549296
408.773813 66.053338 5687.157
0.50000 18.809323 340.985017 8.549296
432.050358 65.056613 5708.641
0.75000 18.809323 359.620668 8.549296
457.153190 66.024116 5711.601
1.00000 18.809323 379.034185 8.549296
483.239864 67.865155 5696.169
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -16.389354 -386.878329 -7.848305
-484.020907 -86.314700 -2820.324
0.25000 -16.389354 -367.501515 -7.848305
-457.951290 -84.497072 -2823.527
0.50000 -16.389354 -348.803065 -7.848305
-432.873554 83.553577 -2826.732
0.75000 -16.389354 -331.019158 -7.848305
-409.600220 -84.05419 -2829.974
1.00000 -16.389354 -314.370765 -7.848305
-388.900891 -85.720785 -2833.231
COMB DL-G2-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 8.299309 178.915612 4.479472
213.770954 75.706781 2850.499
0.25000 8.299309 195.360683 4.479472
209.688216 74.725272 2903.177
0.50000 8.299309 212.868235 4.479472
205.068034 74.458669 2924.112
0.75000 8.299309 231.200804 4.479472
199.927000 75.03329 2927.444
1.00000 8.299309 250.087157 4.479472
194.288511 76.376130 2869.672
COMB DL-G2-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -6.749986 -253.180225 -4.538745
-194.225781 -6.703888 -1086.391
0.25000 -6.749986 -234.282718 -4.538745
-194.942089 -5.121688 -1087.702
0.50000 -6.749986 -215.934468 -4.538745
-204.960958 -5.777949 -1088.966
0.75000 -6.749986 -198.405939 -4.538745
-202.589666 -6.022334 -1098.328
1.00000 -6.749986 -181.935144 -4.538745
-213.819524 -7.007394 -1091.664
COMB DL-G2-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 11.587738 307.759345 6.505316
337.224865 99.918687 4985.761
0.25000 11.587738 330.390720 6.505316
337.224865 98.619510 5041.353
0.50000 11.587738 354.500792 6.505316
337.224865 98.039461 5064.008
0.75000 11.587738 379.824690 6.505316
337.409752 99.113782 5059.503
1.00000 11.587738 405.975174 6.505316

337.593089 101.182296 5021.962
COMB DL-G2-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -9.207075 -411.808989 -6.603008
-337.581221 -18.686960 -2068.243
0.25000 -9.207075 -385.643878 -6.603008
-337.397884 -

483.239864 101.182296 6097.067

COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -16.38954 -438.03989 -8.806007
-484.020907 -89.706779 -2820.324
0.25000 -16.389354 -414.472070 -8.806007
-457.951290 -87.907006 -2823.732
0.50000 -16.389354 -391.664899 -8.806007
-441.076366 -86.840135 -2826.732
0.75000 -16.389354 -369.918400 -8.806007
-441.073865 -87.312149 -2829.974
1.00000 -16.389354 -349.287439 -8.806007
-441.073865 -88.878729 -2833.231

ELEM 80 ===== LENGTH
= 5.012005

COMB DB-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 6.895725 66.977704 2.849585
25.374802 6.895725 67.359589 2.849585
252.415791 2.917311 1317.825 2.849585
0.50000 6.895725 67.831275 2.849585
252.521887 2.917311 1317.825 2.849585
0.75000 6.895725 68.279452 2.849585
254.679773 5.843460 1224.560 2.849585
1.00000 6.895725 68.771072 2.849585
256.020665 7.360242 1187.966

COMB DB-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -6.778975 -36.344225 -5.220893
-52.832087 -59.180612 -562.391399 -5.220893
0.25000 -6.778975 -36.344225 -5.220893
-51.495498 -55.787105 -600.281334 -5.220893
0.50000 -6.778975 -35.413891 -5.220893
-50.347576 -53.496610 -638.171669 -5.220893
0.75000 -6.778975 -34.980571 -5.220893
-49.252457 -52.491740 -676.061804 -5.220893
1.00000 -6.778975 -34.584888 -5.220893
-48.221109 -52.621340 -713.951939

COMB DB-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 8.812244 171.848569 4.141263
465.548212 11.237252 3009.743 4.141263
0.25000 8.812244 172.998327 4.141263
468.370890 11.237252 3009.743 4.141263
0.50000 8.812244 174.195504 4.141263
471.388108 11.237252 3009.743 4.141263
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T P M2 M3 V3
0.75000 8.812244 175.427938 4.141263
474.539973 8.812244 2696.237 4.141263
1.00000 8.812244 176.777908 4.141263
478.187020 22.361409 2655.885

COMB DB-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -8.492889 -96.519990 -6.871947
-236.489130 -74.051311 -1026.837
0.25000 -8.492889 -95.177601 -6.871947
-232.853752 -73.817978 -1099.191
0.50000 -8.492889 -93.963693 -6.871947
-229.728948 -68.393248 -1171.544
0.75000 -8.492889 -92.795629 -6.871947
1.00000 -8.492889 -91.684330 -6.871947
-223.945188 -68.252856 -1316.251

COMB DB-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 12.008678 330.758656 7.233052
437.481221 55.403074 4898.066 7.233052
0.25000 12.008678 351.166204 7.233052
437.481221 55.561453 4780.511 7.233052
0.50000 12.008678 372.487118 7.233052
448.712068 56.574262 4656.151 7.233052
0.75000 12.008678 394.450631 7.233052
470.704852 58.794341 4534.411 7.233052
1.00000 12.008678 417.491013 7.233052
507.418789 61.824285 4406.877

COMB DB-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -11.485173 -288.489696 -8.480948
-416.805836 -137.71362 -288.489696 -8.480948
0.25000 -11.485173 -265.600458 -8.480948
-380.184108 -67.104011 -1479.876
0.50000 -11.485173 -244.005591 -8.480948
-354.833808 -65.344255 -1582.391
0.75000 -11.485173 -223.258527 -8.480948
-327.444629 -65.677968 -1684.905
1.00000 -11.485173 -203.607665 -8.480948
-305.927144 -67.250629 -1787.420

COMB DB-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.094544 214.786202 5.054304
95.915646 64.388373 2702.588 5.054304
0.25000 6.094544 234.550586 5.054304
95.915646 61.080023 2692.847 5.054304
0.50000 6.094544 255.326327 5.054304
95.915646 58.520895 2685.582 5.054304
0.75000 6.094544 276.746188 5.054304
95.915646 57.782183 2589.004 5.054304
1.00000 6.094544 297.894808 5.054304
95.915646 57.707978 2493.445

COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -5.516260 -229.177671 -2.821568
-300.784283 -5.852206 -534.298603 -2.821568
0.25000 -5.516260 -219.747429 -2.821568
-300.784283 -7.799262 -579.279958 -2.821568
0.50000 -5.516260 -187.190503 -2.821568
-300.784283 -9.768329 -624.274642 -2.821568
0.75000 -5.516260 -165.655229 -2.821568
-300.784283 -11.757256 -669.269327 -2.821568
1.00000 -5.516260 -148.106003 -2.821568
-300.784283 -13.762162 -714.264011

COMB DB-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 7.937533 355.466247 6.888857
206.926520 84.628515 4641.636
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P M2 M3 V3
0.25000 7.937533 383.012579 6.888857
206.926520 81.745489 4571.236 6.888857
0.50000 7.937533 411.860673 6.888857
206.926520 81.72694 4480.439 6.888857
0.75000 7.937533 441.580494 6.888857
206.926520 80.120600 4378.208 6.888857
1.00000 7.937533 471.786739 6.888857
206.926520 81.452014 4254.025

COMB DB-G2-2 ----- MIN
REL DIST T P M2 M3 V3
-432.043511 -12.134752 -1011.211 -4.068887
-432.043511 -14.779647 -1093.079 -4.068887
0.25000 -14.779647 -1093.079 -4.068887
-432.043511 -17.424195 -1174.953 -4.068887
0.50000 -17.424195 -1174.953 -4.068887
-432.043511 -20.069128 -1256.828 -4.068887
0.75000 -20.069128 -1256.828 -4.068887
1.00000 -22.714355 -1338.703 -4.068887

COMB DB-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 11.784030 380.081572 7.950019
392.549802 79.339994 5388.786 7.950019
0.25000 11.784030 404.800345 7.950019
392.549802 77.77370 5274.562 7.950019
0.50000 11.784030 430.68840 7.950019
392.549802 77.497236 5150.459 7.950019
0.75000 11.784030 457.372001 7.950019
392.549802 76.547404 5023.900 7.950019
1.00000 11.784030 484.458451 7.950019
392.549802 81.087523 4883.332

COMB DB-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.023442 -340.713521 -7.390503
-459.312491 -47.889212 -1371.125 -7.390503
0.25000 -11.023442 -313.825404 -7.390503
-459.312491 -47.932683 -1476.619 -7.390503
0.50000 -11.023442 -287.123151 -7.390503
-459.312491 -48.583559 -1582.120 -7.390503
0.75000 -11.023442 -262.482309 -7.390503
-459.312491 -50.200701 -1687.620 -7.390503
1.00000 -11.023442 -238.742988 -7.390503
-459.312491 -52.490570 -1793.121

COMB DL-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.524513 105.323931 2.709016
270.959349 10.524513 105.323931 2.709016
0.25000 10.524513 105.705201 2.709016
279.847099 3.571143 1793.475 2.709016
0.50000 10.524513 106.111375 2.709016
280.710855 5.062899 1793.475 2.709016
0.75000 10.524513 106.537978 2.709016
281.635331 6.859917 1685.797 2.709016
1.00000 10.524513 106.980147 2.709016
282.603849 9.043132 1634.018

COMB DL-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -9.765287 -63.384467 -5.760925
-90.427113 -56.852478 -62.5167013 -5.760925
0.25000 -9.765287 -62.611073 -5.760925
-79.395455 -62.613073 -1163.016 -5.760925
0.50000 -9.765287 -62.601071 -5.760925
-78.409802 -62.613073 -1159.933 -5.760925
0.75000 -9.765287 -62.240818 -5.760925
-77.487037 -58.174978 -1155.035 -5.760925
1.00000 -9.765287 -61.906583 -5.760925
-76.642252 -57.357260 -1151.029

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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 10.034110 235.888599 4.497780
497.483137 10.034110 235.888599 4.497780
0.25000 10.034110 236.640434 4.497780
498.971134 20.018819 3618.307 4.497780
0.50000 10.034110 237.441132 4.497780
500.605380 22.447055 3203.903 4.497780
0.75000 10.034110 238.281817 4.497780
502.355678 25.381321 3410.748 4.497780
1.00000 10.034110 239.152819 4.497780
504.188956 28.993545 3331.429

COMB DL-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -12.574658 -146.972916 -7.987918
-269.176074 -12.574658 -146.972916 -7.987918
0.25000 -12.574658 -146.183242 -7.987918
-267.222586 -85.498970 -2114.561 -7.987918
0.50000 -12.574658 -145.403954 -7.987918
-265.345504 -82.892189 -2111.116 -7.987918
0.75000 -12.574658 -144.714146 -7.987918
-263.587160 -81.449214 -2107.652 -7.987918
1.00000 -12.574658 -144.063202 -7.987918
-261.977296 -81.232106 -2104.173

COMB DL-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 18.197408 389.357627 8.122873
479.148056 87.781937 5695.990 8.122873
0.25000 18.197408 407.127357 8.122873
478.678571 87.852875 5695.942 8.122873
0.50000 18.197408 425.997090 8.122873
499.669313 88.612248 5439.354 8.122873
0.75000 18.197408 445.729398 8.122873
522.528815 70.363663 5286.032 8.122873
1.00000 18.197408 466.090118 8.122873
545.800036 73.178418 5113.483

COMB DL-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -15.872929 -321.833253 -9.462556
-474.581336 -86.030254 -2833.176 -9.462556
0.25000 -15.872929 -303.617332 -9.462556
-474.581336 -85.055229 -2833.191 -9.462556
0.50000 -15.872929 -286.107032 -9.462556
-418.430513 -82.173109 -2837.268 -9.462556
0.75000 -15.872929 -269.574935 -9.462556
-392.070853 -82.070853 -2837.268 -9.462556
1.00000 -15.872929 -254.220073 -9.462556
-369.580678 -83.347284 -2841.324

COMB DL-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 8.043160 216.260546 6.069188
109.957012 76.644766 2870.056 6.069188
0.25000 8.043160 233.976680 6.069188
109.723721 73.666781 2852.787 6.069188
0.50000 8.043160 252.000000 6.069188
108.992279 71.554297 2803.826 6.069188
0.75000 8.043160 272.204756 6.069188
107.719329 70.303419 2722.921 6.069188
1.00000 8.043160 292.198345 6.069188

COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -6.542867 -217.214291 -3.135834
-295.427704 -7.267798 -1091.661 -3.135834
0.25000 -6.542867 -199.591508 -3.135834
-304.91469 -9.202584 1099.131 -3.135834
0.50000 -6.542867 -182.589599 -3.135834
-313.896010 -11.421273 -1106.327 -3.135834
0.75000 -6.542867 -166.414556 -3.135834
-322.341186 -13.811922 -1113.549 -3.135834
1.00000 -6.542867 -151.372262 -3.135834
-330.290352 -16.355786 -1120.689

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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 11.257525 375.348859 8.300672
238.141716 101.345894 5022.367 8.300672
0.25000 11.257525 399.649565 8.300672
238.141716 98.783996 4951.716 8.300672
0.50000 11.257525 425.376531 8.300672
238.141716 97.143468 4846.636 8.300672
0.75000 11.257525 452.216174 8.300672
238.141716 96.644113 4758.906 8.300672
1.00000 11.257525 479.808782 8.300672
238.141716 96.935094 4552.614

COMB DL-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -8.967328 -348.931252 -4.980229
-468.490308 -19.712628 -2077.941 -4.980229
0.25000 -8.967328 -324.441973 -4.980229
-468.307009 -22.381210 2087.356 -4.980229
0.50000 -8.967328 -300.843512 -4.980229
-468.123709 -25.367195 -2096.788 -4.980229
0.75000 -8.967328 -278.498848 -4.980229
-467.340410 -28.603437 2106.248 -4.980229
1.00000 -8.967328 -257.704865 -4.980229
-467.757111 -32.276030 2115.648

COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 17.437490 427.857531 9.351930
423.848243 95.366289 6097.185 9.351930
0.25000 17.437490 449.740068 9.351930
423.848243 93.967539 5984.875 9.351930
0.50000 17.437490 472.906988 9.351930
423.848243 93.657174 5842.603 9.351930
0.75000 17.437490 497.075971 9.351930
423.848243 94.456823 5680.458 9.351930
1.00000 17.437490 521.923125 9.351930
423.848243 96.452996 5492.632

COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -14.787305 -365.140425 -8.356976
-500.262349 -89.024820 -2833.176 -8.356976
0.25000 -14.787305 -343.08752 -8.356976
-500.073722 -61.354002 -2830.502 -8.356976
0.50000 -14.787305 -321.836924 -8.356976
-500.073722 -61.354002 -2830.502 -8.356976
0.75000 -14.787305 -301.715453 -8.356976
-499.696470 -64.556817 -2869.204 -8.356976
1.00000 -14.787305 -282.990399 -8.356976
-499.507843 -66.938835 -2888.522

COMB DB ----- MAX
REL DIST T P M2 M3 V3
0.00000 12.008678 380.081572 7.950019
465.548212 84.628515 4588.786 7.950019
0.25000 12.008678 404.800345 7.950019
468.370890 81.745489 4571.236 7.950019
0.50000 12.008678 430.68840 7.950019
471.388108 80.120600 4378.208 7.950019
0.75000 12.008678 457.372001 7.950019
474.539973 80.120600 4378.208 7.950019
1.00000 12.008678 484.458451 7.950019
507.418789 81.452014 4254.025

COMB DB ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.485173 -288.489696 -8.480948
-459.312491 -74.051311 -1026.837 -8.480948
0.25000 -11.485173 -265.600458 -8.480948
-459.312491 -67.104011 -1479.876 -8.480948
0.50000 -11.485173 -244.005591 -8.480948
-459.312491 -65.344255 -1582.391 -8.480948
0.75000 -11.485173 -223.258527 -8.480948
-459.312491 -62.613073 -1163.016 -8.480948
1.00000 -11.485173 -203.607665 -8.480948
-459.312491 -61.906583 -1159.933

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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL ----- MAX
REL DIST T P M2 M3 V3
0.00000 18.197408 427.857531 9.351930
497.483137 101.345894 6097.185 9.351930
0.25000 18.197408 449.740068 9.351930
498.971134 98.783996 5984.875 9.351930
0.50000 18.197408 472.906988 9.3

35.525106	52.388697	2425.790	
0.50000	5.890613	293.551576	6.148760
35.525106	48.106549	2300.629	
0.75000	5.890613	314.765119	6.148760
35.525106	44.817874	2207.525	
1.00000	5.890613	335.623951	6.148760
35.525106	42.632519	2056.888	
COMB DB-G2-1----- MIN			
REL DIST	P	M2	V3
0.00000	-5.400950	-191.923631	-1.182248
-395.597851	-13.704902	-714.251606	
0.25000	-5.400950	-171.996193	-1.182248
-395.597851	-16.760433	-768.268861	
0.50000	-5.400950	-150.817954	-1.182248
-395.597851	-19.863927	-822.326116	
0.75000	-5.400950	-131.218013	-1.182248
-395.597851	-22.980581	-876.364155	
1.00000	-5.400950	-112.864252	-1.182248
-395.597851	-26.110582	-930.452974	
COMB DB-G2-2----- MAX			
REL DIST	P	M2	V3
0.00000	7.715881	422.334603	8.096642
195.067606	81.240075	4254.906	
0.25000	7.715881	449.393500	8.096642
195.067606	76.155632	4082.578	
0.50000	7.715881	478.580895	8.096642
195.067606	72.338909	3888.530	
0.75000	7.715881	507.923747	8.096642
195.067606	69.933654	3684.253	
1.00000	7.715881	537.743914	8.096642
195.067606	68.886490	3466.731	
COMB DB-G2-2----- MIN			
REL DIST	P	M2	V3
0.00000	-7.010624	-285.257789	-2.567473
-539.693454	-22.659517	-1338.568	
0.25000	-7.010624	-255.867982	-2.567473
-539.693454	-25.613478	-1386.386	
0.50000	-7.010624	-227.339521	-2.567473
-539.693454	-30.707780	-1524.203	
0.75000	-7.010624	-200.082218	-2.567473
-539.693454	-34.444222	-1515.021	
1.00000	-7.010624	-174.467255	-2.567473
-539.693454	-38.761561	-1709.875	
COMB DB-G2-3----- MAX			
REL DIST	P	M2	V3
0.00000	11.320555	462.440378	8.034432
445.574105	80.902545	4884.057	
0.25000	11.320555	487.179815	8.034432
445.574105	78.123378	4641.971	
0.50000	11.320555	512.923747	8.034432
445.574105	76.463349	4389.465	
0.75000	11.320555	539.318610	8.034432
445.574105	76.152623	4136.808	
1.00000	11.320555	566.009697	8.034432
445.574105	77.083308	3882.768	
COMB DB-G2-3----- MIN			
REL DIST	P	M2	V3
0.00000	-10.660377	-283.376089	-6.460981
-519.436633	-52.939271	-1792.978	
Program	SAP2000	Nonlinear	Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIST	P	M2	V3
0.25000	-10.660377	-257.008860	-6.460981
-519.436633	-52.956905	-1903.158	
0.50000	-10.660377	-231.407078	-6.460981
-519.436633	-53.581254	-1930.344	
0.75000	-10.660377	-206.947941	-6.460981
-519.436633	-55.051761	-2123.633	
1.00000	-10.660377	-183.965157	-6.460981
-519.436633	-57.253733	-2233.956	
COMB DL-G1-1----- MAX			
REL DIST	P	M2	V3
0.00000	9.978735	135.954104	1.459463
406.173693	8.671393	1630.711	
0.25000	9.978735	136.356840	1.459463
406.938514	11.890872	1526.361	
0.50000	9.978735	136.782713	1.459463
407.775115	15.998305	1420.128	
0.75000	9.978735	137.227211	1.459463
408.688253	19.616585	1315.307	
1.00000	9.978735	137.685820	1.459463
409.600974	24.297182	1212.158	
COMB DL-G1-1----- MIN			
REL DIST	P	M2	V3
0.00000	-9.322808	-57.605367	-7.730094
-67.888545	-97.424279	-1150.904	
0.25000	-9.322808	-57.230317	-7.730094
-69.831872	-52.010795	-1137.057	
0.50000	-9.322808	-56.874047	-7.730094
-68.826407	-47.111032	-1123.208	
0.75000	-9.322808	-56.541054	-7.730094
-67.888510	-44.109554	-1103.361	
1.00000	-9.322808	-56.234949	-7.730094
-67.022649	-41.826711	-1095.487	
COMB DL-G1-2----- MAX			
REL DIST	P	M2	V3
0.00000	13.287196	298.507660	3.092748
647.843719	28.227564	3329.994	
0.25000	13.287196	299.302317	3.092748
649.283778	33.09607	3103.822	
0.50000	13.287196	300.142394	3.092748
650.862352	38.386098	2885.051	
0.75000	13.287196	301.018959	3.092748
652.548090	44.351632	2688.615	
1.00000	13.287196	301.923045	3.092748
654.310016	50.991084	2506.965	
COMB DL-G1-2----- MIN			
REL DIST	P	M2	V3
0.00000	-12.010657	-124.831100	-10.221301
-251.733620	-81.188493	-2103.898	
0.25000	-12.010657	-124.093269	-10.221301
-249.717646	-75.998305	-2081.809	
0.50000	-12.010657	-123.392812	-10.221301
-247.928899	-71.823861	-2075.327	
0.75000	-12.010657	-122.737562	-10.221301
-245.994561	-68.997400	-2010.041	
1.00000	-12.010657	-122.135074	-10.221301
-244.346028	-67.239600	-2046.749	
COMB DL-G1-3----- MAX			
REL DIST	P	M2	V3
0.00000	17.405582	484.859447	8.093809
604.310449	72.155986	5112.884	
0.25000	17.405582	503.771717	8.093809
604.346630	73.524207	4843.773	
0.50000	17.405582	523.693231	8.093809
610.113919	75.700561	4550.065	
0.75000	17.405582	544.435051	8.093809
630.619008	78.966402	4243.608	
1.00000	17.405582	565.746386	8.093809

652.110687	83.411690	3918.909	
Program	SAP2000	Nonlinear	Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIST	P	M2	V3
0.00000	-15.314072	-274.677361	-10.620046
-541.839059	-83.212602	-2841.111	
0.25000	-15.314072	-257.776801	-10.620046
-511.978310	-81.034813	-2840.888	
0.50000	-15.314072	-241.649337	-10.620046
-482.233115	-79.896295	-2840.590	
0.75000	-15.314072	-226.513782	-10.620046
-454.397536	-80.095491	-2840.376	
1.00000	-15.314072	-212.568526	-10.620046
-429.149317	-81.646352	-2840.224	
COMB DL-G2-1----- MAX			
REL DIST	P	M2	V3
0.00000	7.808685	265.714913	8.118472
63.894281	69.365512	2611.870	
0.25000	7.808685	284.745400	8.118472
63.894281	64.360964	2219.145	
0.50000	7.808685	304.736436	8.118472
63.894281	59.908732	2395.059	
0.75000	7.808685	325.437912	8.118472
63.894281	56.420899	2239.072	
1.00000	7.808685	346.612885	8.118472
63.894281	53.998090	2052.109	
COMB DL-G2-1----- MIN			
REL DIST	P	M2	V3
0.00000	-6.408525	-183.250137	-1.830523
-409.671496	-16.166382	-1120.812	
0.25000	-6.408525	-167.114415	-1.830523
-419.388740	-20.077952	-138.817	
0.50000	-6.408525	-151.622848	-1.830523
-429.105983	-24.173789	-1156.765	
0.75000	-6.408525	-137.007451	-1.830523
-438.823227	-28.568033	-174.732	
1.00000	-6.408525	-123.513963	-1.830523
-448.540470	-33.392931	-1192.847	
COMB DL-G2-2----- MAX			
REL DIST	P	M2	V3
0.00000	10.895544	460.706020	10.623689
215.564793	96.035559	4553.916	
0.25000	10.895544	486.688385	10.623689
215.564793	91.501416	4351.922	
0.50000	10.895544	514.016610	10.623689
215.564793	87.768690	4113.228	
0.75000	10.895544	542.376924	10.623689
215.564793	85.098006	3850.537	
1.00000	10.895544	571.449399	10.623689
215.564793	83.530547	3556.382	
COMB DL-G2-2----- MIN			
REL DIST	P	M2	V3
0.00000	-8.776825	-292.316272	-3.450178
-605.859806	-21.891945	-1616.658	
0.25000	-8.776825	-269.761954	-3.450178
-605.675503	-37.332663	-2138.280	
0.50000	-8.776825	-248.168046	-3.450178
-605.492501	-43.025577	-2160.800	
0.75000	-8.776825	-227.849453	-3.450178
-605.309898	-49.042789	-2183.369	
1.00000	-8.776825	-209.084928	-3.450178
-605.126595	-55.554939	-2206.086	
COMB DL-G2-3----- MAX			
REL DIST	P	M2	V3
0.00000	16.722831	531.343079	10.634356
490.356081	95.366338	5492.952	
0.25000	16.722831	554.740525	10.634356
490.356081	93.400145	5218.658	
0.50000	16.722831	579.353237	10.634356
490.356081	92.429475	4912.814	
0.75000	16.722831	604.891348	10.634356
490.356081	92.767503	4586.670	
1.00000	16.722831	631.070865	10.634356
490.356081	94.540481	4236.018	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIST	P	M2	V3
0.00000	-14.304355	-308.362404	-8.255561
-608.565795	-66.685883	-2898.405	
0.25000	-14.304355	-288.051736	-8.255561
-608.377164	-68.182921	-2923.511	
0.50000	-14.304355	-268.606043	-8.255561
-608.187897	-70.368715	-2972.046	
0.75000	-14.304355	-250.308871	-8.255561
-607.999904	-80.085491	-2997.147	
1.00000	-14.304355	-233.411178	-8.255561
-607.811274	-81.646352	-3022.377	
COMB DB			
REL DIST	P	M2	V3
0.00000	11.499105	462.449378	8.096642
581.751958	81.240075	4884.057	
0.25000	11.499105	487.179815	8.096642
581.751958	78.123378	4641.971	
0.50000	11.499105	512.923747	8.096642
581.751958	76.463349	4389.465	
0.75000	11.499105	539.318610	8.096642
581.751958	76.152623	4136.808	
1.00000	11.499105	566.009697	8.096642
581.751958	77.083308	3882.768	
COMB DB			
REL DIST	P	M2	V3
0.00000	-11.046257	-285.257789	-8.615375
-539.693454	-69.045351	-1792.978	
0.25000	-11.046257	-257.008860	-8.615375
-539.693454	-72.155986	-1903.158	
0.50000	-11.046257	-231.070931	-8.615375
-539.693454	-72.845475	-213.343	
0.75000	-11.046257	-206.947789	-8.615375
-539.693454	-82.100071	-232.633	
1.00000	-11.046257	-183.962707	-8.615375
-539.693454	-86.591065	-223.956	
COMB DL			
REL DIST	P	M2	V3
0.00000	17.405582	531.343079	10.634356
647.843719	96.035559	5492.952	
0.25000	17.405582	554.740525	10.634356
649.283778	93.400145	5218.658	
0.50000	17.405582	579.353237	10.634356
650.862252	92.429475	4912.814	
0.75000	17.405582	604.891348	10.634356
652.548090	92.767503	4586.670	
1.00000	17.405582	631.070865	10.634356

0.00000 12.373072 348.896993 2.423109
787.516190 49.923715 2504.518
0.25000 12.373072 349.923715 2.423109
788.929712 57.364156 2194.954
0.50000 12.373072 350.617716 2.423109
790.485139 65.563620 1945.179
0.75000 12.373072 351.146812 2.423109
792.157962 74.731230 1784.876
1.00000 12.373072 352.477390 2.423109
793.917494 85.110341 1683.512

COMB DL-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -11.341110 -111.949822 -12.409597
-325.313518 -66.988737 -2046.061
0.25000 -11.341110 -111.273558 -12.409597
-323.282680 -61.090921 -2010.256
0.50000 -11.341110 -110.633897 -12.409597
-321.339165 -56.421065 -2040.983
0.75000 -11.341110 -110.040598 -12.409597
-319.511256 -53.941515 -2157.920
1.00000 -11.341110 -109.498195 -12.409597
-317.824011 -51.934472 -2332.437

COMB DL-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 16.465221 584.420039 8.681145
744.262012 81.913448 3971.857
0.25000 16.465221 604.645980 8.681145
744.274533 84.865082 3501.870
0.50000 16.465221 625.831605 8.681145
744.456240 89.034809 3158.832
0.75000 16.465221 647.764414 8.681145
761.976324 94.814764 2689.185
1.00000 16.465221 70.216981 8.681145
783.354886 102.509781 2687.370

COMB DL-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.690191 -234.914528 -12.009171
-657.531635 -81.219514 -2839.771
0.25000 -14.690191 -219.633897 -12.009171
-627.325810 -79.670583 -2634.120
0.50000 -14.690191 -221.146812 -12.009171
-596.555721 -79.508284 -2956.169
0.75000 -14.690191 -191.686760 -12.009171
-567.294773 -81.190255 -3200.795
1.00000 -14.690191 -179.382558 -12.009171
-547.616594 -84.888261 -3531.422

COMB DL-G2-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 7.583985 337.139842 10.209599
123.656534 53.779512 2054.026
0.25000 7.583985 357.841653 10.209599
123.656534 47.076440 1869.932
0.50000 7.583985 379.427321 10.209599
123.656534 41.801235 1718.046
0.75000 7.583985 401.662186 10.209599
123.656534 37.570749 1573.889
1.00000 7.583985 424.297328 10.209599
123.656534 35.121973 1433.315

COMB DL-G2-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -6.312147 -146.832670 -1.335718
-517.166745 -53.046594 -3558.243
0.25000 -6.312147 -132.565348 -1.335718
-526.874441 -38.903768 -1233.170
0.50000 -6.312147 -118.989843 -1.335718
-536.592137 -45.513235 -1359.568
0.75000 -6.312147 -106.325558 -1.335718
-546.309833 -52.595340 -1604.467
1.00000 -6.312147 -94.765689 -1.335718
-556.027529 -60.804157 -1798.801
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F R A M E E L E M E N T I N T E R N A
L F O R C E S
COMB DL-G2-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 10.486455 574.785003 12.981107
284.979899 92.919222 4236.450
0.25000 10.486455 602.852757 12.981107
284.979899 76.342376 3206.361
0.50000 10.486455 632.166104 12.981107
284.979899 68.290826 2918.148
0.75000 10.486455 662.410015 12.981107
284.979899 68.410215 2683.065
1.00000 10.486455 693.290969 12.981107
284.979899 66.970146 2477.890

COMB DL-G2-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -8.588623 -236.678402 -2.613864
-732.327305 -54.978988 -2206.289
0.25000 -8.588623 -219.633897 -2.613864
-732.143994 -62.797317 -2254.248
0.50000 -8.588623 -197.403839 -2.613864
-731.980682 -71.211515 -2438.983
0.75000 -8.588623 -179.575992 -2.613864
-731.777371 -80.555570 -2723.666
1.00000 -8.588623 -163.291059 -2.613864
-731.594059 -91.038908 -3082.931

COMB DL-G2-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 15.866581 653.360091 12.451432
629.138579 92.919222 4236.450
0.25000 15.866581 678.634256 12.451432
629.138579 91.067112 3793.809
0.50000 15.866581 705.030086 12.451432
629.138579 90.792033 3430.904
0.75000 15.866581 732.263994 12.451432
629.138579 91.401929 3144.837
1.00000 15.866581 760.071674 12.451432
629.138579 96.353596 2907.759

COMB DL-G2-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -13.777412 -256.815116 -8.735529
-769.881665 -77.252162 -3022.180
0.25000 13.777412 -238.675446 -8.735529
-769.693026 -80.285246 -3061.106
0.50000 13.777412 -221.446885 -8.735529
-769.504388 -84.620360 -3230.036
0.75000 13.777412 -205.392295 -8.735529
-769.315749 -90.635840 -3523.829
1.00000 13.777412 -190.727126 -8.735529
-769.127110 -98.545826 -3901.991

COMB DB ----- MAX
REL DIST P M2 M3 V3
0.00000 10.976515 549.424157 9.352976
663.047442 76.776801 3882.956
0.25000 10.976515 574.175145 9.352976
665.830829 72.609399 3517.372
0.50000 10.976515 599.766152 9.352976
668.757691 69.598736 3145.746
0.75000 10.976515 625.837712 9.352976
671.857860 71.134630 2780.264
1.00000 10.976515 652.034423 9.352976

675.525933 74.138801 2420.654
COMB DB ----- MIN
REL DIST P M2 M3 V3
0.00000 -10.599629 -220.006640 -9.257916
-621.712166 -63.165578 -2233.843
0.25000 -10.599629 -194.353389 -9.257916
-621.712166 -59.218077 -2353.710
0.50000 -10.599629 -169.572126 -9.257916
-621.712166 -57.911196 -2473.577
0.75000 -10.599629 -146.085645 -9.257916
-621.712166 -59.208763 -2593.556
0.50000 -10.599629 -124.126726 -9.257916
-621.712166 -61.222706 -2714.214
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F R A M E E L E M E N T I N T E R N A
L F O R C E S
COMB DL ----- MAX
REL DIST P M2 M3 V3
0.00000 16.465221 653.360091 12.981107
787.516190 92.919222 4236.450
0.25000 16.465221 678.634256 12.981107
788.929712 91.067112 3793.809
0.50000 16.465221 705.030086 12.981107
790.485113 90.792033 3430.904
0.75000 16.465221 732.263994 12.981107
792.157962 94.814764 3144.837
1.00000 16.465221 760.071674 12.981107
793.917494 102.509781 2907.759

COMB DL ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.690191 -256.815116 -12.409597
-769.881665 -81.219514 -3022.180
0.25000 -14.690191 -238.675446 -12.409597
-769.693026 -80.285246 -3061.106
0.50000 -14.690191 -221.446885 -12.409597
-769.504388 -84.620360 -3230.036
0.75000 -14.690191 -205.392295 -12.409597
-769.315749 -90.635840 -3523.829
1.00000 -14.690191 -190.727126 -12.409597
-769.127110 -98.545826 -3901.991

COMB CAR ----- MAX
REL DIST P M2 M3 V3
0.00000 16.465221 653.360091 12.981107
787.516190 92.919222 4236.450
0.25000 16.465221 678.634256 12.981107
788.929712 91.067112 3793.809
0.50000 16.465221 705.030086 12.981107
790.485113 90.792033 3430.904
0.75000 16.465221 732.263994 12.981107
792.157962 94.814764 3144.837
1.00000 16.465221 760.071674 12.981107
793.917494 102.509781 2907.759

COMB CAR ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.690191 -256.815116 -12.409597
-769.881665 -81.219514 -3022.180
0.25000 -14.690191 -238.675446 -12.409597
-769.693026 -80.285246 -3061.106
0.50000 -14.690191 -221.446885 -12.409597
-769.504388 -84.620360 -3230.036
0.75000 -14.690191 -205.392295 -12.409597
-769.315749 -90.635840 -3523.829
1.00000 -14.690191 -190.727126 -12.409597
-769.127110 -98.545826 -3901.991

COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 16.465221 653.360091 12.981107
787.516190 92.919222 4236.450
0.25000 16.465221 678.634256 12.981107
788.929712 91.067112 3793.809
0.50000 16.465221 705.030086 12.981107
790.485113 90.792033 3430.904
0.75000 16.465221 732.263994 12.981107
792.157962 94.814764 3144.837
1.00000 16.465221 760.071674 12.981107
793.917494 102.509781 2907.759

COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.690191 -256.815116 -12.409597
-769.881665 -81.219514 -3022.180
0.25000 -14.690191 -238.675446 -12.409597
-769.693026 -80.285246 -3061.106
0.50000 -14.690191 -221.446885 -12.409597
-769.504388 -84.620360 -3230.036
0.75000 -14.690191 -205.392295 -12.409597
-769.315749 -90.635840 -3523.829
1.00000 -14.690191 -190.727126 -12.409597
-769.127110 -98.545826 -3901.991
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F R A M E E L E M E N T I N T E R N A
L F O R C E S
ELEM 83 ===== LENGTH =
5.012671
COMB DB-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 5.736042 114.124044 0.542204
429.244921 31.019967 422.157073
0.25000 5.736042 114.537345 0.542204
430.318333 33.423091 390.350129
0.50000 5.736042 114.958779 0.542204
431.438911 35.944560 398.710460
0.75000 5.736042 115.384294 0.542204
432.568531 38.590206 406.552729
1.00000 5.736042 115.846536 0.542204
434.054222 41.265535 414.868504

COMB DB-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -5.790031 -32.517717 -7.454516
-169.064347 -21.158981 -889.860528
0.25000 -5.780031 -32.068152 -7.454516
-167.675166 -14.608629 -878.011155
0.50000 -5.780031 -31.680327 -7.454516
-166.447243 -9.272764 -866.468187
0.75000 -5.780031 -31.320189 -7.454516
-165.268711 -8.223378 -856.056760
1.00000 -5.780031 -31.036021 -7.454516
-164.195213 -8.841347 -846.061509

COMB DB-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 7.449207 290.161409 1.845294
681.795455 88.077417 1100.233
0.25000 7.449207 291.298024 1.845294
684.710341 82.130240 903.003501
0.50000 7.449207 292.456995 1.845294
687.765354 66.384053 790.570169

0.75000 7.449207 293.627441 1.845294
691.055260 70.747181 57.188045
1.00000 7.449207 294.860605 1.845294
694.855805 75.228536 770.873487
COMB DB-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -7.237448 -62.218487 -9.739721
-35.51584 7.354230 24.254
0.25000 -7.237448 -60.979756 -9.739721
-35.625072 -28.215072 -1771.612
0.50000 -7.237448 -59.926874 -9.739721
-35.174448 -24.935990 -1799.359
0.75000 -7.237448 -58.929839 -9.739721
-34.505893 -26.475249 -1808.095
1.00000 -7.237448 -58.160752 -9.739721
-34.212920 -28.002044 -1827.296

COMB DB-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 10.465337 553.277527 6.438976
681.792920 92.919222 4236.450
0.25000 10.465337 573.123232 6.438976
681.279290 74.007865 1753.758
0.50000 10.465337 594.409207 6.438976
681.792920 71.299361 1469.359
0.75000 10.465337 615.410993 6.438976
681.279290 74.381206 1225.474
1.00000 10.465337 637.147986 6.438976
690.421410 80.352599 1057.875

COMB DB-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -10.139271 -143.392440 -9.322166
-599.759920 -54.516783 -2580.851
0.25000 -10.139271 -123.051744 -9.322166
-571.480254 -50.292739 -2674.401
0.50000 -10.139271 -104.665684 -9.322166
-540.208681 -49.713738 -2768.352
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F R A M E E L E M E N T I N T E R N A
L F O R C E S
REL DIST P M2 M3 V3
0.75000 10.139271 -87.278859 -9.322166
-533.447007 -53.362552 -2863.172
1.00000 -10.139271 -80.601509 -9.322166
-533.447007 -57.024999 -2958.438

COMB DB-G2-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 5.507660 364.782939 7.566554
174.856577 19.177728 1358.976
0.25000 5.507660 384.691369 7.566554
174.856577 15.151699 1147.764
0.50000 5.507660 405.154097 7.566554
174.856577 14.236615 101.80890
0.75000 5.507660 425.827668 7.566554
174.856577 15.023702 638.415013
1.00000 5.507660 445.856676 7.566554
174.856577 15.811402 434.053355

COMB DB-G2-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -5.220516 -82.839781 -0.794109
-463.57646 -41.285743 -1221.964
0.25000 -5.220516 -65.128858 -0.794109
-463.57646 -42.503082 -1326.832
0.50000 -5.220516 -47.625795 -0.794109
-463.57646 -47.832289 -1431.704
0.75000 -5.220516 -37.585516 -0.794109
-463.57646 -51.365903 -1565.698
1.00000 -5.220516 -37.585516 -0.794109
-463.57646 -54.740916 -1642.008

COMB DB-G2-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 7.289837 595.529190 9.744274
339.714242 47.816896 2259.299
0.25000 7.289837 623.135460 9.744274
339.714242 48.829133 1858.142
0.50000 7.289837 651.242246 9.744274
339.714242 36.218212 1441.509
0.75000 7.289837 680.015507 9.744274
339.714242 38.355927 1068.394
1.00000 7.289837 708.556089 9.744274
339.714242 40.493666 805.893532

COMB DB-G2-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -6.721754 -137.963484 -1.715514
-623.137408 -58.345151 -271.048
0.25000 -6.721754 -112.199126 -1.715514
-623.137408 -62.743768 -2324.873
0.50000 -6.721754 -87.609811 -1.715514
-623.137408 -67.217047 -2478.698
0.75000 -6.721754 -64.452760 -1.715514
-623.137408 -71.937616 -2632.523
1.00000 -6.721754 -62.314677 -1.715514
-623.137408 -76.683928 -2786.729

COMB DB-G2-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 10.396874 642.344050 9.349097
628.026464 67.117300 2420.826
0.25000 10.396874 667.117925 9.349097
628.026464 62.392183 1985.900
0.50000 10.396874 692.509629 9.349097
628.026464 59.906812 1619.938
0.75000 10.396874 718.183478 9.349097
628.026464 63.521767 1293.866
1.00000 10.396874 743.769731 9.349097
628.026464 67.205655 1068.658

COMB DB-G2-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -9.914130 -149.696243 -6.636485
-697.309951 -61.315496 -2714.218
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F R A M E E L E M E N T I N T E R N A
L F O R C E S
REL DIST P M2 M3 V3
0.25000 9.914130 -126.590972 -6.636485
-697.309951 63.689458 -2852.247
0.50000 9.914130 -

783.475167 114.843557 2277.149
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -13.76227 -208.752798 -9.209685
-881.500149 -97.813487 -3900.889
0.25000 13.76227 -193.365909 -9.209685
-881.311498 -104.386304 -4387.517
0.50000 -13.76227 -178.977466 -9.209685
-881.122847 -113.965526 -4962.655
0.75000 13.76227 -165.816284 -9.209685
-880.934195 -125.329554 -5626.829
1.00000 -13.76227 -154.095873 -9.209685
-880.745547 -137.591946 -6383.511

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.00000 10.465337 642.344050 9.744274
681.785845 74.142429 2420.826
0.25000 10.465337 667.117925 9.744274
684.710341 74.007095 2497.609
0.50000 10.465337 692.509623 9.744274
687.765354 75.158961 2519.938
0.75000 10.465337 718.168376 9.744274
691.052560 76.173206 2543.866
1.00000 10.465337 743.768313 9.744274
694.855805 80.352599 1068.658

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.00000 -10.139271 -149.692643 -9.739721
-697.309951 -61.315496 -2714.218
0.25000 -10.139271 -126.590872 -9.739721
-697.309951 -63.689458 -2852.247
0.50000 -10.139271 -104.386304 -9.739721
-697.309951 -68.468362 -2990.562
0.75000 -10.139271 -87.278859 -9.739721
-697.309951 -73.372243 -3128.995
1.00000 -10.139271 -81.876948 -9.739721
-697.309951 -78.347174 -3268.174

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.00000 15.437170 798.428788 13.251169
853.959896 100.951690 2907.609
0.25000 15.437170 826.183027 13.251169
853.939414 106.378827 2652.589
0.50000 15.437170 854.937003 13.251169
854.866976 113.583944 2468.375
0.75000 15.437170 884.450972 13.251169
866.343373 122.577258 2345.108
1.00000 15.437170 914.417271 13.251169
890.408200 133.277273 2277.149

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.00000 -13.963869 -208.752798 -12.623266
-881.500149 -97.813487 -3900.889
0.25000 13.963869 -193.365909 -12.623266
-881.311498 -104.386304 -4387.517
0.50000 -13.963869 -179.502328 -12.623266
-881.122847 -113.965526 -4962.655
0.75000 -13.963869 -168.109158 -12.623266
-880.934195 -125.329554 -5626.829
1.00000 -13.963869 -157.929552 -12.623266
-880.745547 -137.591946 -6383.511

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 15.437170 798.428788 13.251169
853.959896 100.951690 2907.609
0.25000 15.437170 826.183027 13.251169
853.939414 106.378827 2652.589
0.50000 15.437170 854.937003 13.251169
854.866976 113.583944 2468.375
0.75000 15.437170 884.450972 13.251169
866.343373 122.577258 2345.108
1.00000 15.437170 914.417271 13.251169
890.408200 133.277273 2277.149
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.00000 -13.963869 -208.752798 -12.623266
-881.500149 -97.813487 -3900.889
0.25000 13.963869 -193.365909 -12.623266
-881.311498 -104.386304 -4387.517
0.50000 -13.963869 -179.502328 -12.623266
-881.122847 -113.965526 -4962.655
0.75000 13.963869 -168.109158 -12.623266
-880.934195 -125.329554 -5626.829
1.00000 -13.963869 -157.929552 -12.623266
-880.745547 -137.591946 -6383.511

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 15.437170 798.428788 13.251169
853.959896 100.951690 2907.609
0.25000 15.437170 826.183027 13.251169
853.939414 106.378827 2652.589
0.50000 15.437170 854.937003 13.251169
854.866976 113.583944 2468.375
0.75000 15.437170 884.450972 13.251169
866.343373 122.577258 2345.108
1.00000 15.437170 914.417271 13.251169
890.408200 133.277273 2277.149

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.00000 -13.963869 -208.752798 -12.623266
-881.500149 -97.813487 -3900.889
0.25000 13.963869 -193.365909 -12.623266
-881.311498 -104.386304 -4387.517
0.50000 -13.963869 -179.502328 -12.623266
-881.122847 -113.965526 -4962.655
0.75000 13.963869 -168.109158 -12.623266
-880.934195 -125.329554 -5626.829
1.00000 -13.963869 -157.929552 -12.623266
-880.745547 -137.591946 -6383.511

ELEM 84 ----- LENGTH

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 5.352060 101.718897 2.336619
380.680926 46.274259 438.107522
0.25000 5.352060 101.718897 2.336619
381.588138 49.105412 443.213878

0.75000 5.352060 101.718897 2.336619
380.680926 46.274259 438.107522
0.25000 5.352060 101.718897 2.336619
381.588138 49.105412 443.213878

COMB DB-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.442775 -52.852810 -5.572459
-283.885013 7.918931 -81.258142
0.25000 -5.442775 -52.579721 -5.572459
-282.952004 -8.316352 -81.616580
0.50000 -5.442775 -52.329946 -5.572459
-282.037537 -9.712669 -85.239383
0.75000 -5.442775 -52.329345 -5.572459
-281.147147 -9.116856 -85.563317
1.00000 -5.442775 -52.329345 -5.572459
-280.344987 -9.520203 -728.368409

COMB DB-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 6.994737 297.194336 3.884869
636.683811 75.878496 770.815546
0.25000 6.994737 298.017511 3.884869
639.031681 76.962000 786.216819
0.50000 6.994737 298.840522 3.884869
641.467786 78.008504 801.619410
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.75000 6.994737 299.658916 3.884869
643.938118 85.112278 817.022001
1.00000 6.994737 300.466609 3.884869
646.415107 89.909623 832.424591

COMB DB-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.777652 -78.190838 -8.110897
-504.754703 -26.977541 -1828.178
0.25000 -6.777652 -78.190838 -8.110897
-502.207799 -28.280366 -1813.818
0.50000 -6.777652 -76.790155 -8.110897
-499.711575 -29.583191 -1802.147
0.75000 -6.777652 -76.790155 -8.110897
-497.281379 -30.929472 -1791.477
1.00000 -6.777652 -76.790155 -8.110897
-495.098587 -32.675921 -1781.573

COMB DB-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.940911 622.096817 6.841215
707.899759 80.776089 1057.845
0.25000 9.940911 636.503138 6.841215
707.899759 80.900676 1082.681
0.50000 9.940911 650.970273 6.841215
707.899759 83.527614 1107.519
0.75000 9.940911 665.408754 6.841215
707.899759 87.368657 1132.616
1.00000 9.940911 679.666623 6.841215
715.278576 91.553011 1157.194

COMB DB-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -9.656170 -101.586532 -9.209302
-663.724733 -55.613917 -2957.942
0.25000 -9.656170 -98.436957 -9.209302
-661.155908 -57.007790 -3004.904
0.50000 -9.656170 -98.436957 -9.209302
-641.155908 -58.653840 -3084.517
0.75000 -9.656170 -98.436957 -9.209302
-641.155908 -60.281215 -3149.074
1.00000 -9.656170 -98.436957 -9.209302
-641.155908 -62.332301 -3214.297

COMB DB-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 5.302407 448.777055 5.792184
296.676811 15.690934 434.082528
0.25000 5.302407 462.463817 5.792184
296.676811 16.359394 447.747462
0.50000 5.302407 475.311525 5.792184
296.676811 17.040197 461.412397
0.75000 5.302407 490.197583 5.792184
296.676811 17.745285 475.077332
1.00000 5.302407 503.934885 5.792184
296.676811 18.453450 488.742267

COMB DB-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.118140 -35.448841 -1.636101
-404.070475 -54.230674 -1542.970
0.25000 -5.118140 -35.448841 -1.636101
-404.070475 -54.657843 -1745.820
0.50000 -5.118140 -35.448841 -1.636101
-404.070475 -55.191458 -1848.671
0.75000 -5.118140 -35.448841 -1.636101
-404.070475 -55.824683 -1951.674
1.00000 -5.118140 -35.448841 -1.636101
-404.070475 -56.552967 -2055.015

COMB DB-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.052622 717.806746 7.766325
487.286829 40.286398 805.931570
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.25000 7.052622 736.850682 7.766325
487.286829 42.231320 824.26157
0.50000 7.052622 756.239108 7.766325
487.286829 43.176657 852.850743
0.75000 7.052622 775.839058 7.766325
487.286829 46.122916 875.875330
1.00000 7.052622 794.819450 7.766325
487.286829 48.069291 899.189916

COMB DB-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.546706 -64.496318 -3.879803
-577.478724 -76.061590 -2787.588
0.25000 -6.546706 -64.496318 -3.879803
-577.478724 -77.252986 -2930.354
0.50000 -6.546706 -64.496318 -3.879803
-577.478724 -78.627249 -3073.139
0.75000 -6.546706 -64.496318 -3.879803
-577.478724 -80.103965 -3215.929
1.00000 -6.546706 -64.496318 -3.879803
-577.478724 -82.106018 -3358.718

COMB DB-G2-3 ----- MAX

REL DIST P M2 M3 V3

0.00000 9.921292 747.117646 8.229849
724.898562 67.452586 1068.660
0.25000 9.921292 764.338635 8.229849
724.898562 68.984538 1096.062
0.50000 9.921292 781.782484 8.229849
724.898562 72.040821 1123.465
0.75000 9.921292 799.339773 8.229849
724.898562 75.949163 1150.867
1.00000 9.921292 816.402142 8.229849
724.898562 80.013024 1178.270

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -9.511643 -85.762838 -7.538776
-737.617715 -77.139565 -3268.356
0.25000 -9.511643 -85.762838 -7.538776
-737.617715 78.741830 -3381.998
0.50000 -9.511643 -85.762838 -7.538776
-737.617715 -80.501935 -3495.945
0.75000 -9.511643 -85.762838 -7.538776
-737.617715 -82.361009 -3610.054
1.00000 -9.511643 -85.762838 -7.538776
-737.617715 -84.701183 -3724.803

COMB DL-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.929540 136.004468 2.227443
504.639244 78.070886 786.400630
0.25000 7.929540 136.354083 2.227443
505.277077 80.174342 808.809095
0.50000 7.929540 137.109595 2.227443
505.942177 83.262367 835.835286
0.75000 7.929540 137.073583 2.227443
506.290881 86.689785 866.520804
1.00000 7.929540 137.440014 2.227443
507.333680 90.260532 899.391437

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -7.668252 -97.408347 -5.900636
-385.905393 -13.057031 -1510.779
0.25000 -7.668252 -97.213295 -5.900636
-385.193919 -13.175832 -1559.115
0.50000 -7.668252 -97.003187 -5.900636
-384.451471 -13.480369 -1613.861
0.75000 -7.668252 -96.863551 -5.900636
-383.786157 -13.914681 -1672.748
1.00000 -7.668252 -96.710639 -5.900636
-383.166530 -14.420379 1734.097
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 10.339966 397.273235 4.897731
797.270625 125.978247 1494.191
0.25000 10.339966 397.965107 4.897731
798.481952 130.720269 1516.777
0.50000 10.339966 398.731114 4.897731
799.747593 136.608233 1560.317
0.75000 10.339966 399.388634 4.897731
801.427002 143.930933 1622.474
1.00000 10.339966 400.113181 4.897731
802.397584 149.146758 1688.535

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -9.684424 -144.176709 -9.257344
-636.879288 -48.655890 -3387.675
0.25000 -9.684424 -143.797180 -9.257344
-635.453177 -50.978432 -3596.879
0.50000 -9.684424 -143.458454 -9.257344
-634.099905 -53.494503 -3825.562
0.75000 -9.684424 -143.116627 -9.257344
-632.827694 -56.151166 -4074.913
1.00000 -9.684424 -142.819486 -4329.261
-631.643421 -58.882156

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 14.337733 807.249493 8.545069
892.500325 131.944384 2277.264
0.25000 14.337733 824.240916 8.545069
894.493208 136.275345 2191.249
0.50000 14.337733 841.565566 8.545069
897.258332 141.897323 2231.300
0.75000 14.337733 859.132941 8.545069
907.478688 148.107595 2271.904
1.00000 14.337733 876.863192 8.545069
926.991371 154.514489 2362.876

COMB DL-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -13.083786 -201.101029 -10.457777
-861.120019 -101.905529 -5651.878
0.25000 -13.083786 -193.420187 -10.457777
-839.108126 -105.016237 -6140.653
0.50000 -13.083786 -186.281387 -10.457777
-821.519174 -109.046710 -6666.660
0.75000 -13.083786 -181.259717 -10.457777
-816.677043

[illegible]

464.438893 13.568515 630.162553
0.00000 4.902951 47.374777
464.438893 12.522688 692.560143
0.75000 4.902951 64.773669
464.438893 11.477335 1132.657
1.00000 4.902951 82.374152
464.438893 15.757713 1351.335

COMB DB-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -4.827326 -446.497792 -7.798106
-175.067926 -48.366075 -1619.005
0.25000 -4.827326 -426.599117 -7.798106
-175.067926 -45.355134 -1515.144
0.50000 -4.827326 -406.045866 -7.798106
-175.067926 -42.443097 -1411.283
0.75000 -4.827326 -385.708187 -7.798106
-175.067926 -39.608361 -1307.6059
1.00000 -4.827326 -365.926408 -7.798106
-175.067926 -36.922431 -1204.410

COMB DB-G2-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 6.590751 74.615011 1.897713
623.959435 38.900169 70.203996
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.25000 6.590751 74.615011 1.897713
623.959435 36.524648 1018.652
0.50000 6.590751 90.932761 1.897713
623.959435 34.153237 1427.076
0.75000 6.590751 115.370497 1.897713
623.959435 36.931757 1841.553
1.00000 6.590751 140.994339 1.897713
623.959435 43.735020 2245.225

COMB DB-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -6.087649 -710.089690 -9.995440
-339.970985 -68.362129 -2742.808
0.25000 -6.087649 -681.714126 -9.995440
-339.970985 -64.240996 -2591.710
0.50000 -6.087649 -653.294970 -9.995440
-339.970985 -60.224064 -2439.694
0.75000 -6.087649 -625.168320 -9.995440
-339.970985 -56.305355 -2288.603
1.00000 -6.087649 -597.728666 -9.995440
-339.970985 -52.558040 -2137.513

COMB DB-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 9.001054 98.679135 6.597348
697.848646 96.535156 912.168719
0.25000 9.001054 98.679135 6.597348
697.848646 95.429080 1188.147
0.50000 9.001054 113.200911 6.597348
697.848646 93.349621 1549.443
0.75000 9.001054 135.203055 6.597348
697.848646 91.880204 1927.147
1.00000 9.001054 158.177639 6.597348
697.848646 66.222953 2401.215

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -8.660347 -746.603586 -9.937065
-628.704695 -69.792074 -3205.514
0.25000 -8.660347 -721.145770 -9.937065
-628.704695 -65.743429 -3071.223
0.50000 -8.660347 -695.641781 -9.937065
-628.704695 -61.785919 -2936.128
0.75000 -8.660347 -670.400291 -9.937065
-628.704695 -57.920534 -2801.709
1.00000 -8.660347 -645.776369 -9.937065
-628.704695 -53.135227 -2667.385

COMB DB-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 6.584996 73.685183 9.208906
244.786746 105.225747 745.233499
0.25000 6.584996 73.922295 9.208906
245.658438 171.083307 912.68115
0.50000 6.584996 74.183730 9.208906
246.607850 246.607850 912.68115
0.75000 6.584996 74.476927 9.208906
247.623706 57.196360 695.265452
1.00000 6.584996 74.782515 9.208906
248.693681 51.487919 746.746927

COMB DB-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -6.336377 -150.543406 -0.475603
-558.370868 -12.854314 -1524.159
0.25000 -6.336377 -150.043449 -0.475603
-557.268686 -14.164032 -1407.335
0.50000 -6.336377 -149.542414 -0.475603
-556.345033 -17.053551 -1310.862
0.75000 -6.336377 -149.089107 -0.475603
-555.479593 -21.421618 -1238.557
1.00000 -6.336377 -148.625378 -0.475603
-554.685378 -27.035020 -1191.899
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.00000 8.537740 126.269884 12.178803
452.93623 127.884122 131.083
0.25000 8.537740 126.731748 12.178803
454.603573 115.938747 1372.468
0.50000 8.537740 127.253236 12.178803
456.423119 115.938747 1372.468
0.75000 8.537740 127.820309 12.178803
458.369843 95.749962 1427.983
1.00000 8.537740 128.427968 12.178803
460.419372 67.173056 1576.837

COMB DB-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -7.839350 -377.792552 -2.246171
-842.272405 -48.403525 -3413.413
0.25000 -7.839350 -376.824049 -2.246171
-840.439053 -46.899517 -3081.752
0.50000 -7.839350 -375.875151 -2.246171
-838.687993 -47.667899 -2798.993
0.75000 -7.839350 -374.900012 -2.246171
-837.050982 -50.739343 -2566.706
1.00000 -7.839350 -374.001022 -2.246171
-835.551245 -55.242151 -2388.536

COMB DB-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 9.001054 98.679135 6.597348
697.848646 96.535156 912.168719
0.25000 9.001054 98.679135 6.597348
697.848646 95.429080 1188.147
0.50000 9.001054 113.200911 6.597348
697.848646 93.349621 1549.443
0.75000 9.001054 135.203055 6.597348
697.848646 91.880204 1927.147
1.00000 9.001054 158.177639 6.597348
697.848646 66.222953 2401.215

0.00000 12.677048 176.403054 11.906723
686.813088 131.910825 2130.177
0.25000 12.677048 186.524998 11.906723
694.442096 121.557309 2146.261
0.50000 12.677048 197.865551 11.906723
717.887311 121.748066 2213.453
0.75000 12.677048 210.360173 11.906723
749.282685 106.009621 2342.397
1.00000 12.677048 223.528229 11.906723
780.975820 100.989654 2548.652

COMB DL-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -11.414932 -771.927446 -8.439362
-886.438277 -98.328734 -5688.136
0.25000 -11.414932 -748.033281 -8.439362
-862.365962 -91.370767 -5044.526
0.50000 -11.414932 -724.555955 -8.439362
-851.028693 -86.896512 -4483.667
0.75000 -11.414932 -701.723702 -8.439362
-850.118110 -85.051021 -4004.394
1.00000 -11.414932 -679.757954 -8.439362
-850.110620 -85.000494 -3608.598

COMB DL-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 7.123331 70.523323 1.464388
598.411073 29.976061 996.813798
0.25000 7.123331 79.428818 1.464388
585.692011 28.181723 1075.798
0.50000 7.123331 89.467073 1.464388
578.972949 26.851583 1168.853
0.75000 7.123331 100.455792 1.464388
568.535088 26.856229 1272.116
1.00000 7.123331 112.165592 1.464388
559.534826 31.135540 1383.106

COMB DL-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -6.118451 -532.960478 -10.038849
-246.163528 -93.154829 -3311.037
0.25000 -6.118451 -508.384745 -10.038849
-246.163528 -83.183711 -2905.847
0.50000 -6.118451 -484.133249 -10.038849
-246.163528 -73.743390 -2544.018
0.75000 -6.118451 -460.435236 -10.038849
-246.163528 -65.624417 -2100.595
1.00000 -6.118451 -437.542435 -10.038849
-246.163528 -58.625208 -1826.531
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.00000 9.377809 130.948601 2.952882
767.929136 60.628621 1783.831
0.25000 9.377809 143.882859 2.952882
768.112470 57.794467 1807.289
0.50000 9.377809 158.811324 2.952882
768.295807 55.839501 1999.307
0.75000 9.377809 174.320628 2.952882
768.479144 53.705510 2231.575
1.00000 9.377809 191.292378 2.952882
768.662481 61.197668 2381.098

COMB DL-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -7.842156 -851.100677 -12.939398
-423.481012 -130.156654 -5544.716
0.25000 -7.842156 -817.861862 -12.939398
-423.481012 -118.081929 -4823.825
0.50000 -7.842156 -785.124548 -12.939398
-423.481012 106.781261 -4185.936
0.75000 -7.842156 -753.209253 -12.939398
-423.481012 -96.516920 -3625.356
1.00000 -7.842156 722.411378 -12.939398
-423.481012 -87.303511 -3142.087

COMB DL-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 12.865091 171.300088 8.871635
886.712245 131.910825 2130.177
0.25000 12.865091 186.524998 8.871635
886.900907 121.557309 2256.823
0.50000 12.865091 197.865551 8.871635
887.089573 112.748066 2360.228
0.75000 12.865091 210.360173 8.871635
887.278238 106.009621 2532.358
1.00000 12.865091 225.644636 8.871635
887.466903 100.989654 2772.320

COMB DL-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -11.270679 -904.235554 -12.269667
-780.920864 132.618136 -6442.812
0.25000 -11.270679 -874.332692 -12.269667
-780.920864 -121.094415 -5667.183
0.50000 -11.270679 -844.826291 -12.269667
-780.920864 110.638276 -5014.196
0.75000 -11.270679 -816.087920 -12.269667
-780.920864 -102.057901 -4450.026
1.00000 -11.270679 -788.355797 -12.269667
-780.920864 -97.097621 -3985.948

COMB DB ----- MAX

REL DIST T M2 M3 V3
0.00000 9.001054 98.679135 9.212661
697.848646 96.535156 912.168719
0.25000 9.001054 98.679135 9.212661
697.848646 95.429080 1188.147
0.50000 9.001054 113.200911 9.212661
697.848646 93.349621 1549.443
0.75000 9.001054 135.203055 9.212661
697.848646 91.880204 1927.147
1.00000 9.001054 158.177639 9.212661
697.848646 75.556577 2401.215

COMB DB ----- MIN

REL DIST T M2 M3 V3
0.00000 -8.703866 -746.603586 -9.995440
-695.591606 -69.792074 -3205.514
0.25000 -8.703866 -721.145770 -9.995440
-695.591606 -65.743429 -3071.223
0.50000 -8.703866 -695.641781 -9.995440
-688.498826 -61.785919 -2936.128
0.75000 -8.703866 -670.400291 -9.995440
-685.443739 -57.920534 -2801.709
1.00000 -8.703866 -645.776369 -9.995440
-682.518210 -53.135227 -2667.385
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.00000 8.489987 124.402554 8.458252
425.870973 5.353605 2077.315
0.25000 8.489987 142.489726 8.458252
429.106713 72.037483 2402.971
0.50000 8.489987 161.775668 8.458252
458.913280 69.560392 2741.680

0.00000 12.865091 176.403054 12.178803
886.712245 131.910825 2208.442
0.25000 12.865091 186.524998 12.178803
886.900907 121.557309 2256.823
0.50000 12.865091 197.865551 12.178803
887.089573 112.748066 2360.228
0.75000 12.865091 210.360173 12.178803
887.278238 106.009621 2532.358
1.00000 12.865091 225.644636 12.178803
887.466903 100.989654 2772.320

COMB DL ----- MIN

REL DIST T M2 M3 V3
0.00000 -11.414932 -904.235554 -12.939398
-886.438277 -132.618136 -6442.812
0.25000 -11.414932 -874.332692 -12.939398
-862.365962 -121.094415 -5667.183
0.50000 -11.414932 -844.826291 -12.939398
-851.028693 -110.638276 -5014.196
0.75000 -11.414932 -816.087920 -12.939398
-850.118110 -102.057901 -4450.026
1.00000 -11.414932 -788.355797 -12.939398
-850.110620 -97.097621 -3985.948

COMB CAR ----- MAX

REL DIST T M2 M3 V3
0.00000 12.865091 176.403054 12.178803
886.712245 131.910825 2208.442
0.25000 12.865091 186.524998 12.178803
886.900907 121.557309 2256.823
0.50000 12.865091 197.865551 12.178803
887.089573 112.748066 2360.228
0.75000 12.865091 210.360173 12.178803
887.278238 106.009621 2532.358
1.00000 12.865091 225.644636 12.178803
887.466903 100.989654 2772.320

COMB CAR ----- MIN

REL DIST T M2 M3 V3
0.00000 -11.414932 -904.235554 -12.939398
-886.438277 -132.618136 -6442.812
0.25000 -11.414932 -874.332692 -12.939398
-862.365962 -121.094415 -5667.183
0.50000 -11.414932 -844.826291 -12.939398
-851.028693 -110.638276 -5014.196
0.75000 -11.414932 -816.087920 -12.939398
-850.118110 -102.057901 -4450.026
1.00000 -11.414932 -788.355797 -12.939398
-850.110620 -97.097621 -3985.948

COMB DESIGN ----- MAX

REL DIST T M2 M3 V3
0.00000 12.865091 176.403054 12.178803
886.712245 131.910825 2208.442
0.25000 12.865091 186.524998 12.178803
886.900907 121.557309 2256.823
0.50000 12.865091 197.865551 12.178803
887.089573 112.748066 2360.228
0.75000 12.865091 210.360173 12.178803
887.278238 106.009621 2532.358
1.00000 12.865091 225.644636 12.178803
887.466903 100.989654 2772.320

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3
0.00000 -11.414932 -904.235554 -12.939398
-886.438277 -132.618136 -6442.812
0.25000 -11.414932 -874.332692 -12.939398
-862.365962 -121.094415 -5667.183
0.50000 -11.414932 -844.826291 -12.939398
-851.028693 -110.638276 -5014.196
0.75000 -11.414932 -816.087920 -12.939398
-850.118110 -102.057901 -4450.026
1.00000 -11.414932 -788.355797 -12.939398
-850.110620 -97.097621 -3985.948
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FRAME ELEMENT INTERNAL FORCES

ELEM = 87 ----- LENGTH
5.011783
COMB DB-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 4.359640 39.522480 6.980226
70.95712 34.035568

0.00000 7.949976 122.726461 11.943284
324.134338 86.705004 1578.549
0.25000 7.949976 123.265354 11.943284
325.821826 77.108261 1666.139
0.50000 7.949976 123.856215 11.943284
327.649722 68.473071 1815.098
0.75000 7.949976 124.582389 11.943284
329.593438 60.611567 2054.763
1.00000 7.949976 125.165442 11.943284
331.623868 53.329350 2357.715

COMB DL-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.107400 -345.246282 -1.857210
-790.478937 -54.463369 -2388.395
0.25000 -7.107400 -344.304084 -1.857210
-788.719036 -56.819652 -2398.554
0.50000 -7.107400 -343.387777 -1.857210
-787.046899 -60.632512 -2147.540
0.75000 -7.107400 -342.505952 -1.857210
-785.490420 -65.791850 -2124.176
1.00000 -7.107400 -341.667371 -1.857210
-784.079016 -71.977605 -2156.766

COMB DL-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 12.117328 195.440682 11.480988
554.323576 100.432252 2549.701
0.25000 12.117328 207.659267 11.480988
553.985757 93.187879 2363.211
0.50000 12.117328 221.053899 11.480988
603.158652 87.730354 2986.650
0.75000 12.117328 235.444507 11.480988
633.930986 83.740027 3314.902
1.00000 12.117328 250.644293 11.480988
664.133170 80.860386 3721.806
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -10.687454 -660.134943 -8.081057
-780.807979 -83.930778 -3609.041
0.25000 -10.687454 -637.693055 -8.081057
-759.421424 -80.947197 -3363.211
0.50000 -10.687454 -615.777412 -8.081057
-742.239078 -80.182755 -3091.046
0.75000 -10.687454 -594.597744 -8.081057
-742.079289 -80.847142 -2988.057
1.00000 -10.687454 -574.373563 -8.081057
-742.071853 -82.775873 -2988.677

COMB DL-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 7.034737 99.661713 1.184329
557.818818 30.844075 1382.211
0.25000 7.034737 111.122043 1.184329
548.102193 33.160192 1515.677
0.50000 7.034737 123.630192 1.184329
538.385569 36.961103 1653.106
0.75000 7.034737 137.189958 1.184329
528.668944 40.738994 1798.185
1.00000 7.034737 151.369694 1.184329
518.952319 48.319930 1978.481

COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -5.992212 -420.104412 -9.944354
-124.896893 -58.012905 -1826.879
0.25000 -5.992212 -397.477809 -9.944354
-124.896893 -50.056406 -1637.965
0.50000 -5.992212 -375.244923 -9.944354
-124.896893 -50.992078 -1637.965
0.75000 -5.992212 -353.673027 -9.944354
-124.896893 -36.706531 -1293.851
1.00000 -5.992212 -332.970000 -9.944354
-124.896893 -31.032831 -1251.523

COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 9.317458 172.579061 2.386318
734.178047 61.730354 2363.211
0.25000 9.317458 188.739073 2.386318
734.361338 62.375015 2571.659
0.50000 9.317458 206.458365 2.386318
734.544629 63.010486 2794.446
0.75000 9.317458 225.467246 2.386318
734.727920 69.958745 3069.803
1.00000 9.317458 245.490309 2.386318
734.911211 75.731165 3414.830

COMB DL-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.686410 -685.433872 -12.640898
-285.398654 -86.514848 -3143.163
0.25000 -7.686410 -654.563321 -12.640898
-285.398654 -76.371953 -2792.086
0.50000 -7.686410 -624.340305 -12.640898
-285.398654 -67.273168 -2529.710
0.75000 -7.686410 -595.027858 -12.640898
-285.398654 -58.991359 -2368.532
1.00000 -7.686410 -566.966373 -12.640898
-285.398654 -51.372919 -2316.650

COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 12.435879 205.786589 8.314982
774.629515 91.975719 2772.475
0.25000 12.435879 220.339276 8.314982
775.018133 88.476755 2991.158
0.50000 12.435879 236.296119 8.314982
775.206751 86.964665 3260.900
0.75000 12.435879 253.414323 8.314982
775.395370 87.327572 3608.274
1.00000 12.435879 271.445895 8.314982
775.583988 89.119188 4041.680
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -10.691999 -749.819412 -11.888140
-627.741245 -95.991813 -3987.044
0.25000 -10.691999 -722.025715 -11.888140
-627.741245 -88.889186 -3619.179
0.50000 -10.691999 -694.806174 -11.888140
-627.741245 -83.533488 -3349.434
0.75000 -10.691999 -668.411890 -11.888140
-627.741245 -79.611422 -3199.183
1.00000 -10.691999 -643.142458 -11.888140
-627.741245 -76.988729 -3166.383

COMB DB ----- MAX
REL DIST T P M2 M3 V3
0.00000 5.523658 81.908410 7.673365
205.938495 19.153019 19.153019
0.25000 5.523658 82.967231 7.673365
208.755445 36.849530 2097.220
0.50000 5.523658 84.105364 7.673365
211.739050 32.592233 2222.705

0.00000 8.587077 132.605341 8.905466
622.509724 75.353605 2401.038
0.25000 8.587077 154.412028 8.905466
622.509724 67.037483 2762.373
0.50000 8.587077 177.753522 8.905466
622.509724 69.560392 3130.519
0.75000 8.587077 202.371192 8.905466
622.509724 71.006094 3505.660
1.00000 8.587077 227.863818 8.905466
622.509724 75.094690 3875.757

COMB DB ----- MIN
REL DIST T P M2 M3 V3
0.00000 -8.313091 -655.915390 -9.573622
-676.944490 -57.870390 -2667.393
0.25000 -8.313091 -629.871151 -9.573622
-673.276252 -56.232038 -2550.546
0.50000 -8.313091 -603.949503 -9.573622
-670.176935 -55.453167 -2433.969
0.75000 -8.313091 -578.504838 -9.573622
-667.249854 -58.476191 -2311.822
1.00000 -8.313091 -553.895540 -9.573622
-664.466194 -62.618294 -2201.705

COMB DL ----- MAX
REL DIST T P M2 M3 V3
0.00000 12.435879 205.786589 11.943284
774.829515 100.432252 2772.475
0.25000 12.435879 220.339276 11.943284
775.018133 93.187889 2991.158
0.50000 12.435879 236.296119 11.943284
775.206751 87.730354 3260.900
0.75000 12.435879 253.414323 11.943284
775.395370 87.327572 3608.274
1.00000 12.435879 271.445895 11.943284
775.583988 89.119188 4041.680

COMB DL ----- MIN
REL DIST T P M2 M3 V3
0.00000 -10.691999 -749.819412 -12.640898
-790.478937 -95.991813 -3987.044
0.25000 -10.691999 -722.025715 -12.640898
-788.719036 -88.889186 -3619.179
0.50000 -10.691999 -694.806174 -12.640898
-787.046899 -83.533488 -3349.434
0.75000 -10.691999 -668.411890 -12.640898
-785.490420 -80.847142 -3199.183
1.00000 -10.691999 -643.142458 -12.640898
-784.079016 -82.775873 -3166.383

COMB CAR ----- MAX
REL DIST T P M2 M3 V3
0.00000 12.435879 205.786589 11.943284
774.829515 100.432252 2772.475
0.25000 12.435879 220.339276 11.943284
775.018133 93.187889 2991.158
0.50000 12.435879 236.296119 11.943284
775.206751 87.730354 3260.900
0.75000 12.435879 253.414323 11.943284
775.395370 87.327572 3608.274
1.00000 12.435879 271.445895 11.943284
775.583988 89.119188 4041.680
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB CAR ----- MIN
REL DIST T P M2 M3 V3
0.00000 -10.691999 -749.819412 -12.640898
-790.478937 -95.991813 -3987.044
0.25000 -10.691999 -722.025715 -12.640898
-788.719036 -88.889186 -3619.179
0.50000 -10.691999 -694.806174 -12.640898
-787.046899 -83.533488 -3349.434
0.75000 -10.691999 -668.411890 -12.640898
-785.490420 -80.847142 -3199.183
1.00000 -10.691999 -643.142458 -12.640898
-784.079016 -82.775873 -3166.383

COMB DESIGN ----- MAX
REL DIST T P M2 M3 V3
0.00000 12.435879 205.786589 11.943284
774.829515 100.432252 2772.475
0.25000 12.435879 220.339276 11.943284
775.018133 93.187889 2991.158
0.50000 12.435879 236.296119 11.943284
775.206751 87.730354 3260.900
0.75000 12.435879 253.414323 11.943284
775.395370 87.327572 3608.274
1.00000 12.435879 271.445895 11.943284
775.583988 89.119188 4041.680

COMB DESIGN ----- MIN
REL DIST T P M2 M3 V3
0.00000 -10.691999 -749.819412 -12.640898
-790.478937 -95.991813 -3987.044
0.25000 -10.691999 -722.025715 -12.640898
-788.719036 -88.889186 -3619.179
0.50000 -10.691999 -694.806174 -12.640898
-787.046899 -83.533488 -3349.434
0.75000 -10.691999 -668.411890 -12.640898
-785.490420 -80.847142 -3199.183
1.00000 -10.691999 -643.142458 -12.640898
-784.079016 -82.775873 -3166.383

ELEM 88 ----- LENGTH = 5.012717
COMB DB-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 4.106312 40.748204 5.952548
51.182160 19.873030 842.62605
0.25000 4.106312 41.136624 5.952548
52.217518 17.117702 920.511367
0.50000 4.106312 41.385764 5.952548
53.313449 14.385764 1006.209
0.75000 4.106312 41.976341 5.952548
54.460817 11.672785 1091.697
1.00000 4.106312 42.453708 5.952548
55.795061 9.001416 1194.957

COMB DB-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -4.290543 -96.774894 -1.481963
-355.506139 -42.024046 -820.113520
0.25000 -4.290543 -96.293506 -1.481963
-354.171283 -43.601589 -791.652425
0.50000 -4.290543 -95.853727 -1.481963
-353.014717 -46.245954 -763.371257
0.75000 -4.290543 -95.423700 -1.481963
-351.927901 -50.072764 -734.983553
1.00000 -4.290543 -95.001416 -706.650048
-350.914382 -54.950606 -706.650048

COMB DB-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 5.523658 81.908410 7.673365
205.938495 19.153019 19.153019
0.25000 5.523658 82.967231 7.673365
208.755445 36.849530 2097.220
0.50000 5.523658 84.105364 7.673365
211.739050 32.592233 2222.705

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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T P M2 M3 V3
0.75000 5.523658 85.285310 7.673365
214.863769 28.433401 2447.638
0.25000 5.523658 86.528994 7.673365
218.494009 24.354903 2668.750

COMB DB-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -5.284403 -232.225067 -2.521768
-596.112903 -57.986893 1548.090
0.25000 -5.284403 -230.903404 -2.521768
-592.481223 -59.404012 -1485.222
0.50000 -5.284403 -229.693723 -2.521768
-590.002682 -62.094885 -1401.472
0.75000 -5.284403 -228.511557 -2.521768
-586.408708 -66.141852 -1363.726
1.00000 -5.284403 -227.368529 -2.521768
-583.652126 -71.306957 -1302.979

COMB DB-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 8.068251 165.858808 8.157631
339.092022 68.167678 3438.666
0.25000 8.068251 184.755250 8.157631
369.002466 65.062207 3681.245
0.50000 8.068251 204.815133 8.157631
396.898193 62.862754 3928.354
0.75000 8.068251 225.802239 8.157631
422.589226 61.868528 4179.566
1.00000 8.068251 248.138819 8.157631
456.374516 61.599713 4424.878

COMB DB-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.913331 -499.058526 -6.566230
-574.101787 -62.076632 -2158.179
0.25000 -7.913331 -476.481013 -6.566230
-553.055931 -61.732782 -2060.948
0.50000 -7.913331 -454.884367 -6.566230
-543.184655 -62.537458 -1963.831
0.75000 -7.913331 -433.800811 -6.566230
-543.184655 -64.570857 -1866.831
1.00000 -7.913331 -413.448950 -6.566230
-543.184655 -68.157620 -1769.830

COMB DB-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 4.472482 111.886598 1.070236
396.500945 39.604379 2053.916
0.25000 4.472482 130.117078 1.070236
396.500945 41.921491 2206.627
0.50000 4.472482 149.595482 1.070236
396.500945 45.425766 2332.117
0.75000 4.472482 170.008212 1.070236
396.500945 49.412669 2438.955
1.00000 4.472482 190.466487 1.070236
396.500945 55.470294 2501.543

COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -4.480801 -337.258758 -6.344278
-35.737603 -22.982874 -918.259328
0.25000 -4.480801 -316.509389 -6.344278
-35.737603 -22.982874 -918.259328
0.50000 -4.480801 -295.398977 -6.344278
-35.737603 -17.327954 -812.810975
0.75000 -4.480801 -274.820720 -6.344278
-35.737603 -14.934338 -760.225600
1.00000 -4.480801 -255.112555 -6.344278
-35.737603 -11.862007 -707.654809

COMB DB-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.068946 197.980712 2.397228
540.631066 66.384453 3692.698
0.25000 6.068946 225.075261 2.397228
540.631066 69.056283 3891.403
0.50000 6.068946 253.446425 2.397228
540.631066 72.304753 4089.438
0.75000 6.068946 282.682496 2.397228
540.631066 78.599408 4268.260

COMB DB-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -5.669138 -541.026141 -8.301550
-195.689038 -54.999660 -1686.682
0.25000 -5.669138 -511.421192 -8.301550
-195.689038 -50.791868 -1596.429
0.50000 -5.669138 -482.146644 -8.301550
-195.689038 -48.175280 -1506.176
0.75000 -5.669138 -454.589089 -8.301550
-195.689038 -45.558874 -1416.115
1.00000 -5.669138 -426.150773 -8.301550
-195.689038 -43.949709 -1328.055

COMB DB-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 8.176663 187.836565 6.073748
520.279225 75.550978 2501.038
0.25000 8.176663 210.674339 6.073748
520.279225 74.599761 4134.902
0.50000 8.176663 234.988274 6.073748
520.279225 75.550978 4393.652
0.75000 8.176663 260.447930 6.073748
520.279225 76.781627 4653.093
1.00000 8.176663 286.677090 6.073748
520.279225 79.705513 4902.568

COMB DB-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -7.927628 -570.889584 -8.304825
-447.154708 -55.450978 -2501.826
0.25000 -7.927628 -544.333333 -8.304825
-447.154708 -53.455530 -209

0.00000 12.165967 247.681887 7.703313
612.675441 88.930922 4041.236
0.25000 12.165967 264.473770 7.703313
612.864094 87.304116 4383.756
0.50000 12.165967 282.663247 7.703313
613.052101 87.078342 4701.945
0.75000 12.165967 301.987758 7.703313
613.241400 88.102977 5000.027
1.00000 12.165967 322.169645 7.703313
613.430054 90.068985 5266.709

COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -10.254887 -620.802689 -10.169003
-490.314542 -75.982015 -3166.606
0.25000 10.254887 -594.622648 -10.169003
-490.314542 -72.071178 -3162.586
0.50000 -10.254887 -569.065463 -10.169003
-490.314542 -69.268303 -3138.781
0.75000 10.254887 -544.437501 -10.169003
-490.314542 -67.358955 -3140.195
1.00000 -10.254887 -521.002112 -10.169003
-490.314542 -66.098430 -3133.729

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.00000 8.176663 187.836595 8.157631
540.631066 75.489915 3875.565
0.25000 8.176663 210.674338 8.157631
540.631066 74.599717 4134.902
0.50000 8.176663 234.986774 8.157631
540.631066 75.024626 4393.652
0.75000 8.176663 260.447930 8.157631
540.631066 76.761622 4653.093
1.00000 8.176663 286.677090 8.157631
540.631066 79.706513 4902.568

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.00000 -7.927628 -570.889584 -8.304825
-596.112903 -62.076632 -2201.826
0.25000 -7.927628 -544.329699 -8.304825
-592.481223 -61.732782 -2095.188
0.50000 -7.927628 -518.289599 -8.304825
-589.332062 -62.537456 -1988.576
0.75000 -7.927628 -492.430084 -8.304825
-586.408708 -66.141852 -1882.136
1.00000 -7.927628 -467.808617 -8.304825
-583.652126 -71.308597 -1775.698
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FRAME ELEMENT INTERNA
L FORCES

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.00000 12.165967 247.681887 7.703313
612.675441 88.930922 4041.236
0.25000 12.165967 264.473770 7.703313
612.864094 87.304116 4383.756
0.50000 12.165967 282.663247 7.703313
613.052101 87.078342 4701.945
0.75000 12.165967 301.987758 7.703313
613.241400 88.102977 5000.027
1.00000 12.165967 322.169645 7.703313
613.430054 90.068985 5266.709

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.00000 -10.254887 -620.802689 -10.240039
-652.082454 -81.779475 -3166.606
0.25000 -10.254887 -594.622648 -10.240039
-650.319200 -80.636137 -3162.586
0.50000 -10.254887 -569.065463 -10.240039
-648.634404 -80.764128 -3138.781
0.75000 -10.254887 -544.437501 -10.240039
-647.056339 -82.054562 -3140.195
1.00000 -10.254887 -521.002112 -10.240039
-645.613870 -85.348600 -3133.729

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 12.165967 247.681887 7.703313
612.675441 88.930922 4041.236
0.25000 12.165967 264.473770 7.703313
612.864094 87.304116 4383.756
0.50000 12.165967 282.663247 7.703313
613.052101 87.078342 4701.945
0.75000 12.165967 301.987758 7.703313
613.241400 88.102977 5000.027
1.00000 12.165967 322.169645 7.703313
613.430054 90.068985 5266.709

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.00000 -10.254887 -620.802689 -10.240039
-652.082454 -81.779475 -3166.606
0.25000 10.254887 -594.622648 -10.240039
-650.319200 -80.636137 -3162.586
0.50000 -10.254887 -569.065463 -10.240039
-648.634404 -80.764128 -3138.781
0.75000 -10.254887 -544.437501 -10.240039
-647.056339 -82.054562 -3140.195
1.00000 -10.254887 -521.002112 -10.240039
-645.613870 -85.348600 -3133.729

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 12.165967 247.681887 7.703313
612.675441 88.930922 4041.236
0.25000 12.165967 264.473770 7.703313
612.864094 87.304116 4383.756
0.50000 12.165967 282.663247 7.703313
613.052101 87.078342 4701.945
0.75000 12.165967 301.987758 7.703313
613.241400 88.102977 5000.027
1.00000 12.165967 322.169645 7.703313
613.430054 90.068985 5266.709

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.00000 -10.254887 -620.802689 -10.240039
-652.082454 -81.779475 -3166.606
0.25000 10.254887 -594.622648 -10.240039
-650.319200 -80.636137 -3162.586
0.50000 -10.254887 -569.065463 -10.240039
-648.634404 -80.764128 -3138.781
0.75000 10.254887 -544.437501 -10.240039
-647.056339 -82.054562 -3140.195
1.00000 -10.254887 -521.002112 -10.240039
-645.613870 -85.348600 -3133.729
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FRAME ELEMENT INTERNA
L FORCES

ELEM 89 ----- LENGTH

= 5.012743

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 3.877915 41.477658 4.889222
50.992201 8.850062 1195.908
0.25000 3.877915 41.879874 4.889222
51.130844 7.172276 1235.633
0.50000 3.877915 42.302845 4.889222
52.226280 5.509473 1282.722
0.75000 3.877915 42.742574 4.889222
53.397450 3.897920 1298.678
1.00000 3.877915 43.229806 4.889222
54.711588 2.322532 1392.678

COMB DB-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.054606 -71.185826 -3.030752
-257.513912 -54.571726 -706.598194
0.25000 -4.054606 -70.695661 -3.030752
-256.172836 -54.156547 -707.248900
0.50000 -4.054606 -70.248721 -3.030752
-255.015019 -54.838519 -693.899605
0.75000 -4.054606 -69.814423 -3.030752
-253.909976 -56.749070 -69.5715274
1.00000 -4.054606 -69.397121 -3.030752
-252.867863 -59.774121 -561.266295

COMB DB-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 5.250399 99.155683 6.458051
223.332130 24.316681 2670.006
0.25000 5.250399 100.261357 6.458051
226.137022 21.237595 2715.410
0.50000 5.250399 101.404287 6.458051
228.177640 18.199139 2790.780
0.75000 5.250399 102.633351 6.458051
232.243430 15.246525 2905.742
1.00000 5.250399 103.971122 6.458051
235.880074 12.398513 3048.041

COMB DB-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.026924 -181.149803 -4.299310
-407.839959 -70.833351 -182.90338
0.25000 -5.026924 -179.803785 -4.299310
-476.642377 -69.895324 -1233.485
0.50000 -5.026924 -178.574482 -4.299310
-470.251194 -70.251194 -1183.933
0.75000 -5.026924 -173.780644 -4.299310
-470.481371 -72.031433 -1094.387
1.00000 -5.026924 -176.233084 -4.299310
-467.651072 -75.025667 -1024.910

COMB DB-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.663305 209.075657 7.952193
305.892915 61.825838 1425.815
0.25000 7.663305 228.642517 7.952193
327.335000 58.901295 4560.406
0.50000 7.663305 249.270209 7.952193
354.753063 56.789963 4690.566
0.75000 7.663305 270.741633 7.952193
380.112417 55.864718 4823.410
1.00000 7.663305 293.573647 7.952193
416.522601 55.716326 4950.117

COMB DB-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -7.527660 -423.138808 -7.541377
-508.933070 -67.623598 -1769.951
0.25000 -7.527660 -400.174761 -7.541377
-472.410392 -66.610112 -1611.186
0.50000 -7.527660 -378.277830 -7.541377
-450.041495 -66.762505 -1572.421
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 M3 V3
0.75000 -7.527660 -357.015617 -7.541377
-439.980842 -68.206457 -1473.661
1.00000 -7.527660 -336.657085 -7.541377
-439.980842 -70.745622 -1374.964

COMB DB-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 4.242882 146.643115 2.652342
301.826925 55.762594 2500.525
0.25000 4.242882 165.475311 2.652342
301.826925 56.172612 2598.256
0.50000 4.242882 185.508817 2.652342
301.826925 57.512704 2669.198
0.75000 4.242882 206.414865 2.652342
301.826925 60.061707 2739.977
1.00000 4.242882 227.300540 2.652342
301.826925 63.668152 2723.331

COMB DB-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.266686 -299.941576 -5.231644
-95.496184 -11.800244 -707.685853
0.25000 -4.266686 -278.874565 -5.231644
-95.496184 -10.070981 -664.14143
0.50000 -4.266686 -257.330093 -5.231644
-95.496184 -8.356004 -620.597832
0.75000 -4.266686 -236.823393 -5.231644
-95.496184 -6.677418 -577.05158
1.00000 -4.266686 -217.103907 -5.231644
-95.496184 -5.027631 -533.510813

COMB DB-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 5.787229 231.925699 4.166834
433.017905 79.100465 4267.358
0.25000 5.787229 258.231985 4.166834
433.017905 78.175162 4397.191
0.50000 5.787229 286.552133 4.166834
433.017905 76.852813 4505.878
0.75000 5.787229 315.170572 4.166834
433.017905 80.666544 4602.995
1.00000 5.787229 345.015971 4.166834
433.017905 83.983927 4680.225

COMB DB-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.427846 -475.756281 -7.062077
-206.875675 -19.829965 -1252.213
0.25000 -5.427846 -445.674057 -7.062077
-206.875675 -17.542689 -1202.079
0.50000 -5.427846 -416.036243 -7.062077
-206.875675 -15.257268 -1187.944
0.75000 -5.427846 -387.272100 -7.062077
-206.875675 -12.992427 -1088.810
1.00000 -5.427846 -359.796886 -7.062077
-206.875675 -10.717812 -1009.675

COMB DB-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.772626 241.794293 6.927502
459.883743 80.112543 4902.437
0.25000 7.772626 265.399242 6.927502

459.883743 77.904143 5049.773
0.50000 7.772626 290.415274 6.927502
459.883743 76.978299 5184.543
0.75000 7.772626 316.495127 6.927502
459.883743 77.471758 5317.538
1.00000 7.772626 343.270914 6.927502
459.883743 79.257715 5440.775

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -7.554121 -490.024402 -8.251460
-393.655381 -51.509505 -1775.851
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 M3 V3
0.25000 -7.554121 -463.035931 -8.251460
-393.655381 -49.326927 -1674.080
0.50000 -7.554121 -436.439345 -8.251460
-393.655381 -47.305377 -1530.909
0.75000 -7.554121 -410.626535 -8.251460
-393.655381 -47.199544 -1470.549
1.00000 -7.554121 -385.971203 -8.251460
-393.655381 -47.196631 -1368.826

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 5.548287 69.721173 5.515091
81.166909 10.053641 1539.374
0.25000 5.548287 70.453304 5.515091
82.013002 7.840039 1586.184
0.50000 5.548287 70.412063 5.515091
82.936308 5.850367 1638.416
0.75000 5.548287 70.716164 5.515091
83.921012 4.043759 1689.679
1.00000 5.548287 71.191544 5.515091
84.950535 2.449503 1741.718

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.050704 -102.694839 -2.572441
-281.691953 -60.736155 -1258.109
0.25000 -5.050704 102.252169 -2.572441
-280.723206 -61.575620 -1273.868
0.50000 -5.050704 -101.824901 -2.572441
-279.798641 -63.168018 -1289.616
0.75000 -5.050704 -101.417925 -2.572441
-278.934941 -65.583515 1305.431
1.00000 -5.050704 -101.035639 -2.572441
-278.145846 -68.740551 -1321.238

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.479589 156.107094 7.580303
266.716876 30.335630 3160.476
0.25000 7.479589 156.761269 7.580303
268.327903 26.545300 3234.083
0.50000 7.479589 157.467783 7.580303
270.086844 23.122255 3321.607
0.75000 7.479589 157.217929 7.580303
271.935906 20.166495 3430.632
1.00000 7.479589 159.001893 7.580303
273.925835 17.583746 3549.573

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.383990 -231.222786 -4.253335
-502.493447 -84.988965 -2257.574
0.25000 -6.383990 -230.350780 -4.253335
-500.659548 -85.011968 -2232.284
0.50000 -6.383990 -229.597783 -4.253335
-498.089893 -85.934196 -2346.982
0.75000 -6.383990 -228.706499 -4.253335
-497.275171 -87.988531 -2371.733
1.00000 -6.383990 -227.958193 -4.253335
-495.784426 -90.922536 -2396.469

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 11.483592 268.556772 8.909123
314.928538 65.954333 4284.995
0.25000 11.483592 283.827045 8.909123
397.384955 66.796897 5050.495
0.50000 11.483592 300.262293 8.909123
482.186972 64.893962 5197.783
0.75000 11.483592 317.674254 8.909123
450.337338 63.951052 5328.744
1.00000 11.483592 335.793199 8.909123
543.83331 63.847501 5438.149
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FRAME ELEMENT INTERNA
L FORCES

0.00000 11.848163 296.253947 8.909123
502.742708 90.073109 5266.385
0.25000 11.848163 314.865519 8.909123
502.931362 86.635519 5446.747
0.50000 11.848163 334.856745 8.909123
503.120016 89.457520 5601.569
0.75000 11.848163 355.970287 8.909123
503.306670 91.398827 5736.690
1.00000 11.848163 377.897127 8.909123
503.497324 94.318125 5841.587

COMB DESIGN ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -9.835860 -511.207235 -8.898132
-545.693794 -84.988965 -3133.847
0.25000 -9.835860 -486.311962 -8.898132
-522.143817 -85.011968 -3140.914
0.50000 -9.835860 -462.119469 -8.898132
-499.559307 -85.934196 -3150.988
0.75000 -9.835860 -438.888150 -8.898132
-497.275171 -87.988531 -3177.230
1.00000 -9.835860 -416.943833 -8.898132
-495.784426 -90.922536 -3203.535

ELEM 90 ===== LENGTH
5.011846

COMB DB-G1-1 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 3.670533 41.354552 3.953327
143.322064 2.297528 1392.997
0.25000 3.670533 41.766989 3.953327
144.358739 1.492714 1387.392
0.50000 3.670533 42.196889 3.953327
145.460751 0.875666 1387.376
0.75000 3.670533 42.645970 3.953327
146.615534 0.861567 1393.877
1.00000 3.670533 43.187193 3.953327
147.956125 1.096139 1405.217

COMB DB-G1-1 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -3.832236 -43.431545 -4.232063
-149.577086 -59.920919 -561.127292
0.25000 -3.832236 -42.938471 -4.232063
-148.236142 -57.598794 -521.525980
0.50000 -3.832236 -42.490836 -4.232063
-147.080920 -54.732876 -569.644358
0.75000 -3.832236 -42.058021 -4.232063
-145.978644 -57.160774 -618.730780
1.00000 -3.832236 -41.644312 -4.232063
-144.941881 -58.771645 -667.817202

COMB DB-G1-2 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 5.003913 117.305665 5.390082
337.776964 12.519454 3048.411
0.25000 5.003913 118.304811 5.390082
340.595070 10.425958 3007.457
0.50000 5.003913 119.627098 5.390082
343.593281 8.4590150 2992.745
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 V2 V3
T M3
0.75000 5.003913 120.856429 5.390082
346.736617 7.543783 3019.529
1.00000 5.003913 122.209540 5.390082
350.382821 9.148311 3071.677

COMB DB-G1-2 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -4.825662 -127.692425 -5.691811
-353.467047 -74.841198 -1024.834
0.25000 -4.825662 -126.744511 -5.691811
-349.819868 -72.015493 -951.740670
0.50000 -4.825662 -125.107544 -5.691811
-346.675308 -70.7486239 -937.321
0.75000 -4.825662 -123.917478 -5.691811
-343.676356 -70.942279 -1127.598
1.00000 -4.825662 -122.780083 -5.691811
-340.857991 -73.248549 -1217.874

COMB DB-G1-3 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 7.273671 251.919126 7.644802
341.270003 55.902728 4950.390
0.25000 7.273671 272.006039 7.644802
363.292390 51.059611 4961.166
0.50000 7.273671 293.126828 7.644802
390.503172 51.074064 4964.454
0.75000 7.273671 315.016352 7.644802
415.862736 51.102648 4968.867
1.00000 7.273671 338.113549 7.644802
453.146056 54.048803 4981.154

COMB DB-G1-3 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -7.172371 -346.627858 -8.241417
-456.027967 -70.480138 -1375.010
0.25000 -7.172371 -323.519798 -8.241417
-418.652972 -71.759115 -1275.532
0.50000 -7.172371 -301.059611 -8.241417
-393.278506 -66.207273 -1386.762
0.75000 -7.172371 -280.426084 -8.241417
-366.074844 -66.578315 -1508.958
1.00000 -7.172371 -260.270893 -8.241417
-344.003098 -68.886070 -1631.154

COMB DB-G2-1 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 4.005093 178.894176 3.833852
196.227379 63.751466 2722.834
0.25000 4.005093 198.305292 3.833852
196.227379 62.423246 2766.889
0.50000 4.005093 218.044624 3.833852
196.227379 62.138589 2780.878
0.75000 4.005093 240.168915 3.833852
196.227379 63.100026 2771.913
1.00000 4.005093 261.369024 3.833852
196.227379 65.137431 2734.646

COMB DB-G2-1 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -4.029851 -265.521539 -4.238528
-195.504096 -4.030275 -333.650441
0.25000 -4.029851 -244.308942 -4.238528
-195.504096 -4.032034 -493.725492
0.50000 -4.029851 -222.951132 -4.238528
-195.504096 -3.136444 -533.65725
0.75000 -4.029851 -202.358284 -4.238528
-195.504096 -4.461069 -582.058870
1.00000 -4.029851 -182.874719 -4.238528
-195.504096 -5.739146 -630.534016

COMB DB-G2-2 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 5.496983 290.432123 5.488552
314.595531 54.213030 4679.794
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 V2 V3
T M3
0.25000 5.496983 317.507026 5.488552
314.595531 81.486149 4710.894
0.50000 5.496983 346.057351 5.488552
314.595531 80.161775 4710.150
0.75000 5.496983 375.676789 5.488552
314.595531 80.717984 4721.112
1.00000 5.496983 405.940524 5.488552
314.595531 84.223295 4702.644

COMB DB-G2-2 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -5.194598 -413.624327 -5.953744
-314.972593 -10.501224 4009.901
0.25000 -5.194598 -383.342070 -5.953744
-314.972593 -9.240679 -935.185884
0.50000 -5.194598 -353.678784 -5.953744
-314.972593 -9.221082 94312.511
0.75000 -5.194598 -325.057453 -5.953744
-314.972593 -10.546674 -1103.576
1.00000 -5.194598 -297.884401 -5.953744
-314.972593 -12.323620 -1194.641

COMB DB-G2-3 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 7.375679 297.347579 7.459338
418.414021 79.503987 5440.610
0.25000 7.375679 321.643226 7.459338
418.414021 76.273927 5460.293
0.50000 7.375679 347.263698 7.459338
418.414021 74.126155 5463.978
0.75000 7.375679 373.943125 7.459338
418.414021 74.597090 5474.959
1.00000 7.375679 400.995119 7.459338
418.414021 78.275143 5471.371

COMB DB-G2-3 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -7.200925 -410.769825 -8.098922
-420.217308 -46.879827 -1368.901
0.25000 -7.200925 -383.801601 -8.098922
-420.217308 -44.420754 -1269.076
0.50000 -7.200925 -356.982462 -8.098922
-420.217308 -43.708614 -1377.607
0.75000 -7.200925 -331.298198 -8.098922
-420.217308 -45.253058 -1499.965
1.00000 -7.200925 -306.914452 -8.098922
-420.217308 -47.862250 -1622.323

COMB DL-G1-1 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 5.313757 82.857312 3.920697
167.488428 2.442066 1742.072
0.25000 5.313757 83.214460 3.920697
168.305733 1.720013 1733.247
0.50000 5.313757 83.915758 3.920697
169.199300 1.173831 1723.699
0.75000 5.313757 84.001910 3.920697
170.154110 1.112121 1716.250
1.00000 5.313757 84.423059 3.920697
171.153425 1.355340 1709.675

COMB DL-G1-1 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -4.792908 -71.783135 -3.994374
-166.790143 -68.647827 -1321.261
0.25000 -4.792908 -71.359312 -3.994374
-165.791035 -67.277412 -1331.660
0.50000 -4.792908 -70.953114 -3.994374
-164.835973 -66.620353 -1342.057
0.75000 -4.792908 -70.566223 -3.994374
-163.941457 -66.869895 -1352.450
1.00000 -4.792908 -70.171625 -3.994374
-163.122736 -67.833707 -1362.837
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G1-2 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 7.212703 190.635337 7.938004
368.280888 17.749119 3549.958
0.25000 7.212703 191.392118 7.938004
369.830840 16.117723 3551.158
0.50000 7.212703 192.093998 7.938004
371.527727 14.776621 3487.449
0.75000 7.212703 192.890482 7.938004
373.341766 14.126392 3483.217
1.00000 7.212703 193.719707 7.938004
375.239764 14.887631 3492.045

COMB DL-G1-2 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -6.108907 -171.836333 -5.886429
-371.338042 -90.918265 -2396.533
0.25000 -6.108907 -171.001942 -5.886429
-369.440534 -88.887295 -2415.328
0.50000 -6.108907 -170.199849 -5.886429
-367.626041 -87.679008 -2434.106
0.75000 -6.108907 -169.439488 -5.886429
-365.927521 -87.702153 -2452.874
1.00000 -6.108907 -168.729591 -5.886429
-364.374698 -86.880437 -2471.642

COMB DL-G1-3 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 11.038176 324.082250 8.189406
391.404846 63.821129 5438.323
0.25000 11.038176 342.622204 8.189406
412.099564 62.244391 5446.601
0.50000 11.038176 358.305738 8.189406
434.369187 61.222608 5454.566
0.75000 11.038176 376.900538 8.189406
460.460160 61.217496 5407.905
1.00000 11.038176 396.183272 8.189406
486.545825 62.724792 5360.982

COMB DL-G1-3 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -9.291015 -367.355456 -8.232518
-485.117554 -86.491034 -3203.602
0.25000 -9.291015 -347.942782 -8.232518
-459.017971 -84.997096 -3228.605
0.50000 -9.291015 -329.208108 -8.232518
-433.922247 -84.268399 -3253.572
0.75000 -9.291015 -311.383693 -8.232518
-410.638735 -84.691808 -3278.603
1.00000 -9.291015 -294.693671 -8.232518
-389.944811 -86.328478 -3303.560

COMB DL-G2-1 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 6.397745 185.631203 4.295886
213.832803 77.108010 2771.088
0.25000 6.397745 201.974488 4.295886
209.736134 70.146072 2811.484
0.50000 6.397745 219.402184 4.295886
205.140314 69.934560 2820.169
0.75000 6.397745 237.629639 4.295886
200.001966 70.504124 2796.726
1.00000 6.397745 256.436432 4.295886
194.384725 71.761464 2741.376

COMB DL-G2-1 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -2.690553 -245.701943 -4.145398
-196.252398 -6.403980 -1232.587
0.25000 -2.690553 -226.757455 -4.145398
-181.872476 -6.326120 -1242.119
0.50000 -2.690553 -208.372930 -4.145398
-206.993316 -6.390878 -1251.611
0.75000 -2.690553 -190.795688 -4.145398
-181.571801 -7.314199 -1261.99
1.00000 -2.690553 -174.287013 -4.145398
-215.651307 -8.320419 -1271.250
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G2-2 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 8.664242 320.492072 6.196471
337.033099 94.327338 4834.091
0.25000 8.664242 342.992904 6.196471
337.033099 93.086511 4866.494
0.50000 8.664242 367.009319 6.196471
337.036131 90.596561 4866.887
0.75000 8.664242 392.162755 6.196471
337.216914 93.045963 4838.345
1.00000 8.664242 418.218380 6.196471
337.400208 94.903205 4777.513

COMB DL-G2-2 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -6.884774 -397.560415 -6.054516
-340.881667 -16.812370 -2347.115
0.25000 -6.884774 -371.343464 -6.054516
-340.881667 -16.812370 -2347.115
0.50000 -6.884774 -345.962031 -6.054516
-340.518107 -17.200358 -2383.463
0.75000 -6.884774 -321.748979 -6.054516
-340.516603 -19.319008 -2401.650
1.00000 -6.884774 -299.027448 -6.054516
-340.516603 -19.684944 -2419.853

COMB DL-G2-3 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 11.386166 359.083393 8.243820
442.355379 99.306592 5841.480
0.25000 11.386166 379.345308 8.243820
442.355379 87.409788 5859.421
0.50000 11.386166 400.972037 8.243820
442.358900 83.946364 5850.724
0.75000 11.386166 423.640758 8.243820
442.358900 81.970243 5859.992
1.00000 11.386166 447.085995 8.243820
442.733154 88.515788 5764.740

COMB DL-G2-3 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -9.365526 -418.682841 -8.189849
-443.357149 -59.958060 3180.466
0.25000 -9.365526 -395.074334 -8.189849
-443.168529 -58.965787 3205.245
0.50000 -9.365526 -372.218327 -8.189849
-442.983423 -56.961908 3225.950
0.75000 -9.365526 -350.414542 -8.189849
-442.980444 -59.815064 3254.886
1.00000 -9.365526 -329.953901 -8.189849
-442.980444 -61.457696 -3279.419

COMB DB ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 7.375679 297.347579 7.644802
418.414021 84.213030 5440.610
0.25000 7.375679 321.643226 7.644802
418.414021 81.486149 5460.293
0.50000 7.375679 347.263698 7.644802
418.414021 76.273927 5463.978
0.75000 7.375679 373.943125 7.644802
418.414021 80.717984 5474.959
1.00000 7.375679 405.940524 7.644802
453.146056 84.223295 5471.371

COMB DB ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -7.200925 -413.624327 -8.241417
-456.027967 -74.841198 -1024.834
0.25000 -7.200925 -383.801601 -8.241417
-420.217308 -72.015493 -951.740670
0.50000 -7.200925 -356.982402 -8.241417
-420.217308 -70.486239 -1386.762
0.75000 -7.200925 -331.225198 -8.241417
-420.217308 -70.942279 -1508.958
1.00000 -7.200925 -306.914452 -8.241417
-420.217308 -73.248549 -1631.154
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FRAME ELEMENT INTERNA
L FORCES

COMB DL ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 11.386166 359.083393 8.243820
442.355379 94.327338 5841.480
0.25000 11.386166 379.345308 8.243820
442.355379 93.086511 5859.421
0.50000 11.386166 400.972037 8.243820
442.358900 83.946364 5850.724
0.75000 11.386166 423.640758 8.243820
442.358900 81.970243 5859.99

-306.963684 -68.187541 -2116.551

COMB DB-G2-1 MAX

REL DIST P M2 M3 V3
0.00000 3.763272 212.889701 4.794260
96.736595 64.965820 2735.236
0.25000 3.763272 232.606897 4.794260
96.736595 62.025454 2732.605
0.50000 3.763272 253.33322 4.794260
96.736595 60.115485 2694.350
0.75000 3.763272 274.718274 4.794260
96.736595 59.340907 2630.620
1.00000 3.763272 295.551359 4.794260
96.736595 59.529608 2537.684

COMB DB-G2-1 MIN

REL DIST P M2 M3 V3
0.00000 3.775623 -231.209094 -2.963886
207.162039 83.958138 -630.434368
0.25000 -3.775623 -210.230561 -2.963886
207.162039 -7.858734 -682.491318
0.50000 -3.775623 -169.211012 -2.963886
207.162039 -300.55739 734.548342
0.75000 -3.775623 -169.043781 -2.963886
207.162039 -12.189538 -786.605843
1.00000 -3.775623 -150.657584 2.963886
207.162039 -14.574931 -638.633343

COMB DB-G2-2 MAX

REL DIST P M2 M3 V3
0.00000 5.202558 351.950537 6.548298
207.162039 83.958138 4703.146
0.25000 5.202558 379.422561 6.548298
207.162039 81.341176 4638.455
0.50000 5.202558 408.216012 6.548298
207.162039 80.015739 4553.155
0.75000 5.202558 437.907305 6.548298
207.162039 80.286608 4456.069
1.00000 5.202558 468.071605 6.548298
207.162039 81.833905 4336.691

COMB DB-G2-2 MIN

REL DIST P M2 M3 V3
0.00000 -4.932481 -352.151065 -4.510397
-432.601288 -12.335913 -1194.442
0.25000 -4.932481 -322.118137 -4.510397
-432.601288 -15.206911 -1289.821
0.50000 -4.932481 -292.968435 -4.510397
-432.601288 -18.080866 -1385.200
0.75000 -4.932481 -254.911641 -4.510397
-432.601288 -20.955236 -1480.579
1.00000 -4.932481 -238.401694 -4.510397
-432.601288 -23.829873 -1575.958

COMB DB-G2-3 MAX

REL DIST P M2 M3 V3
0.00000 6.985766 375.646152 7.613510
392.768016 77.925776 5471.533
0.25000 6.985766 400.301076 7.613510
392.768016 77.925776 5362.923
0.50000 6.985766 426.137202 7.613510
392.768016 76.344035 5247.968
0.75000 6.985766 452.781800 7.613510
392.768016 76.344035 5128.166
1.00000 6.985766 479.843963 7.613510
392.768016 80.135474 4994.513

COMB DB-G2-3 MIN

REL DIST P M2 M3 V3
0.00000 -6.830304 -343.695493 -7.489539
-460.384938 -47.980695 -1622.196
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.25000 -6.830304 -316.808664 -7.489539
-460.384938 -46.319011 -1598.296
0.50000 -6.830304 -290.592991 -7.489539
-460.384938 -49.056995 -1870.423
0.75000 -6.830304 -265.417829 -7.489539
-460.384938 -50.150104 -2042.664
1.00000 -6.830304 -241.621723 -7.489539
-460.384938 -53.337383 -2118.706

COMB DL-G1-1 MAX

REL DIST P M2 M3 V3
0.00000 5.038507 111.698070 2.519869
281.465604 1.405419 1709.155
0.25000 5.038507 112.077944 2.519869
282.253357 2.223622 1641.140
0.50000 5.038507 112.482468 2.519869
283.118588 3.389309 1573.815
0.75000 5.038507 112.907715 2.519869
284.040623 4.863748 1507.448
1.00000 5.038507 113.340523 2.519869
285.008781 6.718383 1442.577

COMB DL-G1-1 MIN

REL DIST P M2 M3 V3
0.00000 -4.547187 -53.998984 -5.672360
-80.409613 68.028043 1382.760
0.25000 -4.547187 -53.598192 -5.672360
-79.381027 -64.112051 -1367.439
0.50000 -4.547187 -53.214030 -5.672360
-78.396749 -61.026804 1372.153
0.75000 -4.547187 -52.851937 -5.672360
-77.474073 -58.883060 -1376.851
1.00000 -4.547187 -52.516337 -5.672360
-76.627991 -57.643786 -1381.549

COMB DL-G1-2 MAX

REL DIST P M2 M3 V3
0.00000 6.849465 247.654164 4.191770
499.569028 14.755818 549.3227
0.25000 6.849465 248.403277 4.191770
501.056699 16.176339 5342.795
0.50000 6.849465 249.200647 4.191770
502.690265 18.137420 5204.950
0.75000 6.849465 250.038627 4.191770
504.439788 20.389361 5088.023
1.00000 6.849465 250.906654 4.191770
506.272186 23.395639 2984.914

COMB DL-G1-2 MIN

REL DIST P M2 M3 V3
0.00000 -5.826457 -130.595385 -7.773914
-270.618117 -89.043790 -2471.503
0.25000 -5.826457 -129.804884 -7.773914
-268.658499 -84.937364 -2483.965
0.50000 -5.826457 -129.048584 -7.773914
-266.782674 -81.735060 -2496.471
0.75000 -5.826457 -128.335523 -7.773914
-265.024454 -79.653521 -2508.925
1.00000 -5.826457 -127.674587 -7.773914
-263.413759 -78.778164 -2521.382

COMB DL-G1-3 MAX

REL DIST P M2 M3 V3

0.00000 10.437131 405.500689 7.832504
473.103472 82.344994 5360.757
0.25000 10.437131 405.500689 7.832504
480.840563 61.937868 5211.773
0.50000 10.437131 441.985506 7.832504
501.629541 52.196922 5040.548
0.75000 10.437131 461.937696 7.832504
524.215644 63.291256 4855.360
1.00000 10.437131 481.937696 7.832504
547.772223 85.408168 4650.800
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 MIN

REL DIST P M2 M3 V3
0.00000 -8.783682 -300.515870 -9.060009
-477.818983 -86.348507 -3303.472
0.25000 -8.783682 -282.403034 -9.060009
-449.250685 -83.845069 -3327.062
0.50000 -8.783682 -264.673318 -9.060009
-427.693404 -82.491193 -3307.748
0.75000 -8.783682 -248.068276 -9.060009
-395.978992 -82.200845 -3374.290
1.00000 -8.783682 -232.631314 -9.060009
-372.859092 -83.185037 -3397.899

COMB DL-G2-1 MAX

REL DIST P M2 M3 V3
0.00000 6.037441 222.810549 5.977730
109.966597 71.499444 2741.878
0.25000 6.037441 240.440394 5.977730
109.99887 68.400340 2712.192
0.50000 6.037441 259.091364 5.977730
108.952417 65.968844 2650.914
0.75000 6.037441 278.509240 5.977730
107.653086 64.90737 2557.537
1.00000 6.037441 298.433437 5.977730
105.857536 63.470581 2432.884

COMB DL-G2-1 MIN

REL DIST P M2 M3 V3
0.00000 -4.931980 -209.444159 -2.691526
-296.740760 -8.208384 -1271.333
0.25000 -4.931980 -191.757636 -2.691526
-293.201224 -8.502956 -1240.974
0.50000 -4.931980 -174.670192 -2.691526
-315.161330 -13.095219 -1032.861
0.75000 -4.931980 -158.438543 -2.691526
-323.579374 -15.718856 -1018.649
1.00000 -4.931980 -143.312686 -2.691526
-331.501199 -18.455802 -1334.389

COMB DL-G2-2 MAX

REL DIST P M2 M3 V3
0.00000 8.165474 387.607895 8.117451
237.636362 94.474375 4778.048
0.25000 8.165474 411.795657 8.117451
237.636362 91.736597 4683.813
0.50000 8.165474 435.912193 8.117451
237.636362 89.682507 4555.478
0.75000 8.165474 464.142250 8.117451
237.636362 88.530607 4401.046
1.00000 8.165474 491.642886 8.117451
237.636362 88.297716 4214.259

COMB DL-G2-2 MIN

REL DIST P M2 M3 V3
0.00000 -6.458833 -334.136281 -4.380402
-472.02486 -19.572700 -2419.899
0.25000 -6.458833 -309.563319 -4.380402
-471.839180 -22.760334 -2445.424
0.50000 -6.458833 -285.887470 982.4
0.75000 -6.458833 -263.437137 -4.380402
-471.472570 -29.459584 -2496.546
1.00000 -6.458833 -242.551467 -4.380402
-471.289264 -35.215467 -2522.092

COMB DL-G2-3 MAX

REL DIST P M2 M3 V3
0.00000 10.761900 444.087083 9.042071
499.569028 94.474375 5764.893
0.25000 10.761900 465.868106 9.042071
501.056699 91.736597 5620.745
0.50000 10.761900 488.937392 9.042071
502.690265 89.682507 5447.049
0.75000 10.761900 513.005905 9.042071
524.215644 88.530607 5253.36
1.00000 10.761900 537.770224 9.042071
547.772223 88.297716 5033.491

COMB DL-G2-3 MIN

REL DIST P M2 M3 V3
0.00000 -8.833605 -344.271294 -9.060009
-503.377853 -89.043790 -3303.472
0.25000 -8.833605 -322.182037 -9.060009
-503.189221 -84.933738 -3327.062
0.50000 -8.833605 -300.821926 -9.060009
-503.000588 -82.491193 -3377.536
0.75000 -8.833605 -280.605603 -9.060009
-502.811956 -82.200845 -3419.699
1.00000 -8.833605 -261.783956 -9.060009
-502.623323 -83.185037 -3461.856

COMB DB

REL DIST P M2 M3 V3
0.00000 6.985766 375.646152 7.613510
465.413638 83.900692 5471.533
0.25000 6.985766 400.301076 7.613510
468.243971 81.341176 5364.923
0.50000 6.985766 426.137202 7.613510
471.253400 79.070984 5204.950
0.75000 6.985766 452.781800 7.613510
474.404853 80.286608 5128.146
1.00000 6.985766 479.843963 7.613510
507.497682 81.833905 4994.513

COMB DB

REL DIST P M2 M3 V3
0.00000 -6.830304 -352.151065 -8.510682
-460.384938 -73.960101 -1631.115
0.25000 -6.830304 -322.118137 -8.510682
-460.384938 -69.894186 -1752.430
0.50000 -6.830304 -292.968435 -8.510682
-460.384938 -67.626998 -1873.800
0.75000 -6.830304 -265.417829 -8.510682
-460.384938 -66.811574 -1995.176
1.00000 -6.830304 -241.621723 -8.510682
-460.384938 -68.187541 -2118.706

COMB DL

REL DIST P M2 M3 V3
0.00000 10.761900 444.087083 9.042071
499.569028 94.474375 5764.893
0.25000 10.761900 465.868106 9.042071
501.056699 91.736597 5620.745
0.50000 10.761900 488.937392 9.042071
502.690265 89.682507 5447.049
0.75000 10.761900 513.005905 9.042071
524.215644 88.530607 5253.36
1.00000 10.761900 537.770224 9.042071
547.772223 88.297716 5033.491

0.00000 10.761900 444.087083 9.042071
499.569028 94.474375 5764.893
0.25000 10.761900 465.868106 9.042071
501.056699 91.736597 5620.745
0.50000 10.761900 488.937392 9.042071
502.690265 89.682507 5447.049
0.75000 10.761900 513.005905 9.042071
524.215644 88.530607 5253.36
1.00000 10.761900 537.770224 9.042071
547.772223 88.297716 5033.491

COMB DL

REL DIST P M2 M3 V3
0.00000 -8.833605 -344.271294 -9.060009
-503.377853 -89.043790 -3303.472
0.25000 -8.833605 -322.182037 -9.060009
-503.189221 -84.933738 -3327.062
0.50000 -8.833605 -300.821926 -9.060009
-503.000588 -82.491193 -3377.536
0.75000 -8.833605 -280.605603 -9.060009
-502.811956 -82.200845 -3419.699
1.00000 -8.833605 -261.783956 -9.060009
-502.623323 -83.185037 -3461.856

COMB CAR

REL DIST P M2 M3 V3
0.00000 10.761900 444.087083 9.042071
499.569028 94.474375 5764.893
0.25000 10.761900 465.868106 9.042071
501.056699 91.736597 5620.745
0.50000 10.761900 488.937392 9.042071
502.690265 89.682507 5447.049
0.75000 10.761900 513.005905 9.042071
524.215644 88.530607 5253.36
1.00000 10.761900 537.770224 9.042071
547.772223 88.297716 5033.491
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FRAME ELEMENT INTERNAL FORCES

COMB DESIGN

REL DIST P M2 M3 V3
0.00000 -8.833605 -352.151065 -9.060009
-503.377853 -89.043790 -3303.472
0.25000 -8.833605 -322.182037 -9.060009
-503.189221 -84.933738 -3327.062
0.50000 -8.833605 -300.821926 -9.060009
-503.000588 -82.491193 -3377.536
0.75000 -8.833605 -280.605603 -9.060009
-502.811956 -82.200845 -3419.699
1.00000 -8.833605 -261.783956 -9.060009
-502.623323 -83.185037 -3461.856

COMB DESIGN

REL DIST P M2 M3 V3
0.00000 10.761900 444.087083 9.042071
499.569028 94.474375 5764.893
0.25000 10.761900 465.868106 9.042071
501.056699 91.736597 5620.745
0.50000 10.761900 488.937392 9.042071
502.690265 89.682507 5447.049
0.75000 10.761900 513.005905 9.042071
524.215644 88.530607 5253.36
1.00000 10.761900 537.770224 9.042071
547.772223 88.297716 5033.491

COMB DESIGN

REL DIST P M2 M3 V3
0.00000 -8.833605 -352.151065 -9.060009
-503.377853 -89.043790 -3303.472
0.25000 -8.833605 -322.182037 -9.060009
-503.189221 -84.933738 -3327.062
0.50000 -8.833605 -300.821926 -9.060009
-503.000588 -82.491193 -3377.536
0.75000 -8.833605 -280.605603 -9.060009
-502.811956 -82.200845 -3419.699
1.00000 -8.833605 -261.783956 -9.060009
-502.623323 -83.185037 -3461.856

ELEM 92 LENGTH = 5.012571

COMB DB-G1-1 MAX

REL DIST P M2 M3 V3
0.00000 3.296692 90.905804 1.318713
349.855627 6.213430 1230.892
0.25000 3.296692 91.323030 1.318713
350.867842 6.610763 1139.786
0.50000 3.296692 91.705240 1.318713
351.953411 7.1087654 1052.341
0.75000 3.296692 92.168942 1.318713
353.108629 7.644975 971.226388
1.00000 3.296692 92.680799 1.318713
354.441783 16.221688 897.281350

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	6.411603	308.492913			2.749907
647.052748	23.05646	290.510			
0.25000	6.41603	309.284758			2.749907
648.491083	27.367988	2733.717			
0.50000	6.411603	310.122673			2.749907
650.067591	30.95281	281.284			
0.75000	6.411603	310.997252			2.749907
651.752446	37.855692	270.843			
1.00000	6.411603	311.899917			2.749907
653.511644	44.194178	2065.092			

COMB DL-G1-2 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-5.533485	-107.930874			-1.195357
-559.244266	-78.969212	-2520.986			
0.25000	-5.533485	-107.190234			-1.195357
-257.228599	-72.952281	-2521.415			
0.50000	-5.533485	-106.486228			-1.195357
-252.506601	-69.58215	-2521.822			
0.75000	-5.533485	-105.827564			-1.195357
-253.500728	-64.389866	-2522.191			
1.00000	-5.533485	-105.221242			-1.195357
-251.860725	-62.049358	-2522.486			

COMB DL-G1-3 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	9.715667	499.672420			7.873609
603.623193	64.652222	4650.156			
0.25000	9.715667	518.22510			7.873609
603.654364	65.307717	4349.107			
0.50000	9.715667	538.405134			7.873609
609.443054	66.841424	4022.926			
0.75000	9.715667	559.001822			7.873609
629.964706	69.455244	3683.555			
1.00000	9.715667	580.357555			7.873609
651.438644	73.257409	3325.790			

COMB DL-G1-3 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-8.234578	-252.364065			-10.332867
-548.987627	-83.166523	-3397.637			
0.25000	-8.234578	-235.386976			-10.332867
-519.149932	-80.582215	-3418.523			
0.50000	-8.234578	-219.175642			-10.332867
-489.427129	-79.086787	-3439.403			
0.75000	-8.234578	-203.952051			-10.332867
-461.620881	-78.914793	-3469.435			
1.00000	-8.234578	-189.907625			-10.332867
-436.385875	-80.139705	-3481.035			

COMB DL-G2-1 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	5.627074	272.759298			8.158642
65.085162	63.030640	2434.166			
0.25000	5.627074	291.721571			8.158642
65.085162	57.540871	2328.525			
0.50000	5.627074	311.001822			8.158642
65.085162	52.549365	2191.206			
0.75000	5.627074	332.299120			8.158642
65.085162	48.415242	2021.879			
1.00000	5.627074	353.233636			8.158642
65.085162	45.245211	1821.367			

COMB DL-G2-1 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-4.567160	-174.804787			-1.290735
-409.196976	-18.307965	-1338.508			
0.25000	-4.567160	-158.578682			-1.290735
-418.915128	-22.634578	-1362.191			
0.50000	-4.567160	-142.999162			-1.290735
-428.633280	-27.081953	-1389.856			
0.75000	-4.567160	-128.297488			-1.290735
-438.351432	-31.740677	-1417.640			
1.00000	-4.567160	-114.696182			-1.290735
-448.069583	-36.759514	-1444.982			

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	7.566521	473.321854			10.584821
215.520995	87.399626	4215.612			
0.25000	7.566521	499.226415			10.584821
215.520995	82.163470	3989.527			
0.50000	7.566521	526.051939			10.584821
215.520995	77.654141	3726.068			
0.75000	7.566521	554.770591			10.584821
215.520995	74.101135	3398.282			
1.00000	7.566521	583.049542			10.584821
215.520995	71.549605	3118.798			

COMB DL-G2-2 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-5.977498	-276.403074			-7.281878
-608.344767	-32.565648	-2522.202			
0.25000	-5.977498	-253.738887			-7.281878
-608.161447	-38.684508	-2562.099			
0.50000	-5.977498	-232.023366			-7.281878
-607.977261	-44.679084	-2602.134			
0.75000	-5.977498	-211.581242			-7.281878
-607.794807	-50.922755	-2642.307			
1.00000	-5.977498	-92.675740			-7.281878
-607.611487	-57.579809	-2681.825			

COMB DL-G2-3 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	10.018390	546.943342			10.433533
490.174645	85.729150	5033.835			
0.25000	10.018390	570.269949			10.433533
490.174645	82.926104	4727.417			
0.50000	10.018390	594.812124			10.433533
490.174645	81.079141	4261.639			
0.75000	10.018390	620.286704			10.433533
490.174645	80.471120	4029.720			
1.00000	10.018390	646.404895			10.433533
490.174645	81.189148	3645.701			

COMB DL-G2-3 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-8.254088	-286.309436			-7.639048
-614.423453	-83.166523	-3461.768			
0.25000	-8.254088	-265.899840			-7.639048
-614.234806	-80.582215	-3522.239			
0.50000	-8.254088	-246.343743			-7.639048
-614.045371	-79.086787	-3593.602			
0.75000	-8.254088	-227.936242			-7.639048
-613.857510	-78.914793	-3642.261			
1.00000	-8.254088	-210.911613			-7.639048
-613.668863	-80.139705	-3690.286			

COMB DB ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	10.018390	546.943342			10.433533
490.174645	85.729150	5033.835			
0.25000	10.018390	570.269949			10.433533
490.174645	82.926104	4727.417			
0.50000	10.018390	594.812124			10.433533
490.174645	81.079141	4261.639			
0.75000	10.018390	620.286704			10.433533
490.174645	80.471120	4029.720			
1.00000	10.018390	646.404895			10.433533
490.174645	81.189148	3645.701			

COMB DB-G1-1 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-8.254088	-286.309436			-7.639048
-614.423453	-83.166523	-3461.768			
0.25000	-8.254088	-265.899840			-7.639048
-614.234806	-80.582215	-3522.239			
0.50000	-8.254088	-246.343743			-7.639048
-614.045371	-79.086787	-3593.602			
0.75000	-8.254088	-227.936242			-7.639048
-613.857510	-78.914793	-3642.261			
1.00000	-8.254088	-210.911613			-7.639048
-613.668863	-80.139705	-3690.286			

COMB DB ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	10.018390	546.943342			10.433533
490.174645	85.729150	5033.835			
0.25000	10.018390	570.269949			10.433533
490.174645	82.926104	4727.417			
0.50000	10.018390	594.812124			10.433533
490.174645	81.079141	4261.639			
0.75000	10.018390	620.286704			10.433533
490.174645	80.471120	4029.720			
1.00000	10.018390	646.404895			10.433533
490.174645	81.189148	3645.701			

0.00000 6.603950 457.581122 7.810533

REL DIST	P	M2	M3	V2	V3
581.662427	81.209333	4994.633			
0.25000	6.603950	482.30663			7.810533
584.415736	76.781504	4758.258			
0.50000	6.603950	508.055688			7.810533
587.335846	75.160090	4510.545			
0.75000	6.603950	534.475812			7.810533
590.481345	74.841030	4261.639			
1.00000	6.603950	561.210116			7.810533
594.108392	75.734877	4010.484			

COMB DB ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-6.443286	-288.650447			-8.629870
-					

0.00000 9.268824 669.239185 12.271795
632.727500 80.398167 3646.134
0.25000 9.268824 694.464479 12.271795
632.727500 77.595563 3168.794
0.50000 9.268824 720.825054 12.271795
632.727500 76.191071 3760.386
0.75000 9.268824 748.217159 12.271795
632.727500 76.597380 2369.347
1.00000 9.268824 775.843637 12.271795
632.727500 93.045411 2079.906
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3----- MIN

REL DIST T P M2 M3 V3
0.00000 -7.678355 -233.409284 -7.950666
-782.140017 -70.403107 -3690.135
0.25000 -7.689273 -215.162895 -7.950666
-781.951390 -80.798174 -3746.449
0.50000 -7.678355 -197.828129 -7.950666
-781.762762 -85.041996 -3865.892
0.75000 -7.678355 -181.653969 -7.950666
-781.574135 -90.834887 -4163.177
1.00000 -7.678355 -166.890862 -7.950666
-781.385507 -98.373174 -4543.449

COMB DB----- MAX

REL DIST T P M2 M3 V3
0.00000 6.233804 544.732262 9.106639
661.856612 75.152725 4010.674
0.25000 6.233804 569.530794 9.106639
664.631619 71.043157 3647.037
0.50000 6.233804 595.201216 9.106639
667.549137 67.982277 3275.054
0.75000 6.233804 621.362915 9.106639
670.678505 66.083248 2906.580
1.00000 6.233804 647.666802 9.106639
674.292399 70.859069 2542.969

COMB DB----- MIN

REL DIST T P M2 M3 V3
0.00000 -6.058073 -221.143470 -9.247522
-625.895221 -64.178678 -2634.442
0.25000 -6.058073 -195.362999 -9.247522
-625.895221 -62.249147 -3050.926
0.50000 -6.058073 -170.437251 -9.247522
-625.895221 -60.396361 -2911.677
0.75000 -6.058073 -146.767204 -9.247522
-625.895221 -62.249147 -3050.926
1.00000 -6.058073 -124.612430 -9.247522
-625.895221 -64.815349 -3189.977

COMB DL----- MAX

REL DIST T P M2 M3 V3
0.00000 9.268824 669.239185 13.013665
780.069367 80.398167 3646.134
0.25000 9.268824 694.464479 13.013665
781.476727 77.595563 3168.794
0.50000 9.268824 720.825054 13.013665
783.028138 76.633358 2706.386
0.75000 9.268824 748.051359 13.013665
784.694786 83.786534 2906.580
1.00000 9.268824 775.843637 13.013665
786.449614 90.703992 2297.906

COMB DL----- MIN

REL DIST T P M2 M3 V3
0.00000 -7.689273 -233.409284 -12.491841
-782.140017 -80.403107 -3690.135
0.25000 -7.689273 -215.162895 -12.491841
-781.951390 -80.798174 -3746.449
0.50000 -7.689273 -197.828129 -12.491841
-781.762762 -85.041996 -3865.892
0.75000 -7.689273 -181.653969 -12.491841
-781.574135 -90.834887 -4163.177
1.00000 -7.689273 -166.890862 -12.491841
-781.385507 -98.373174 -4543.449

COMB CAR----- MAX

REL DIST T P M2 M3 V3
0.00000 9.268824 669.239185 13.013665
780.069367 80.398167 3646.134
0.25000 9.268824 694.464479 13.013665
781.476727 77.595563 3168.794
0.50000 9.268824 720.825054 13.013665
783.028138 76.633358 2706.386
0.75000 9.268824 748.051359 13.013665
784.694786 83.786534 2906.580
1.00000 9.268824 775.843637 13.013665
786.449614 90.703992 2297.906
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FRAME ELEMENT INTERNAL FORCES

COMB CAR----- MIN

REL DIST T P M2 M3 V3
0.00000 -7.689273 -233.409284 -12.491841
-782.140017 -80.403107 -3690.135
0.25000 -7.689273 -215.162895 -12.491841
-781.951390 -80.798174 -3746.449
0.50000 -7.689273 -197.828129 -12.491841
-781.762762 -85.041996 -3865.892
0.75000 -7.689273 -181.653969 -12.491841
-781.574135 -90.834887 -4163.177
1.00000 -7.689273 -166.890862 -12.491841
-781.385507 -98.373174 -4543.449

COMB DESIGN----- MAX

REL DIST T P M2 M3 V3
0.00000 9.268824 669.239185 13.013665
780.069367 80.398167 3646.134
0.25000 9.268824 694.464479 13.013665
781.476727 77.595563 3168.794
0.50000 9.268824 720.825054 13.013665
783.028138 76.633358 2706.386
0.75000 9.268824 748.051359 13.013665
784.694786 83.786534 2906.580
1.00000 9.268824 775.843637 13.013665
786.449614 90.703992 2542.969

COMB DESIGN----- MIN

REL DIST T P M2 M3 V3
0.00000 -7.689273 -233.409284 -12.491841
-782.140017 -80.403107 -3690.135
0.25000 -7.689273 -215.162895 -12.491841
-781.951390 -80.798174 -3746.449
0.50000 -7.689273 -197.828129 -12.491841
-781.762762 -85.041996 -3865.892
0.75000 -7.689273 -181.653969 -12.491841
-781.574135 -90.834887 -4163.177
1.00000 -7.689273 -166.890862 -12.491841
-781.385507 -98.373174 -4543.449

ELEM 94----- LENGTH

COMB DB-G1-1----- MAX

REL DIST T P M2 M3 V3
0.00000 2.943336 111.774959 0.418420
428.085370 29.858742 475.566797
0.25000 2.943336 112.189173 0.418420
429.149416 32.165194 365.207352
0.50000 2.943336 112.611682 0.418420
430.260147 34.619355 264.862902
0.75000 2.943336 113.038554 0.418420
431.468545 37.032957 202.910466
1.00000 2.943336 113.502451 0.418420
432.851398 42.103914 235.230717

COMB DB-G1-1----- MIN

REL DIST T P M2 M3 V3
0.00000 -3.012955 -32.037989 -7.420675
-182.486924 -19.827346 -1084.057
0.25000 -3.012955 -31.583845 -7.420675
-181.114634 -13.472998 -1076.278
0.50000 -3.012955 -31.198958 -7.420675
-179.905664 -8.343834 -1068.715
0.75000 -3.012955 -30.834658 -7.420675
-178.744610 -8.723224 -1062.087
1.00000 -3.012955 -30.530466 -7.420675
-177.680910 -9.203884 -1055.592

COMB DB-G1-2----- MAX

REL DIST T P M2 M3 V3
0.00000 4.199589 286.332377 1.674112
678.572445 53.741882 1201.240
0.25000 4.199589 287.462859 1.674112
681.471456 57.555385 910.999914
0.50000 4.199589 291.073002 1.674112
684.699656 61.614129 555.195497
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.00000 4.199589 289.790222 1.674112
687.756270 65.764351 983.571509
0.25000 4.199589 292.073002 1.674112
691.524911 72.845108 469.148612

COMB DB-G1-2----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.051462 -56.973332 -9.513955
-274.678779 -22.709789 -1401.030
0.25000 -4.051462 -56.660272 -9.513955
-270.254533 -17.721942 -1443.091
0.50000 -4.051462 -56.368135 -9.513955
-272.599622 -14.093107 -1508.637
0.75000 -4.051462 -56.100578 -9.513955
-270.563318 -12.424288 -1598.649
1.00000 -4.051462 -55.860708 -9.513955
-270.784816 -12.599194 -1710.674
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.00000 5.835492 548.779336 6.104805
683.699321 70.765757 1380.0000
0.25000 5.835492 569.173992 6.104805
683.699321 70.317118 1798.563
0.50000 5.835492 590.041351 6.104805
683.699321 70.905299 1380.0000
0.75000 5.835492 611.130783 6.104805
683.699321 72.688495 1011.039
1.00000 5.835492 632.960753 6.104805
686.041645 77.783752 769.99445

COMB DB-G1-3----- MIN

REL DIST T P M2 M3 V3
0.00000 -5.684542 -143.430180 -9.122695
-614.119046 -56.612516 -3058.863
0.25000 -5.684542 -138.674222 -9.122695
-586.112211 -52.888533 -168.764
0.50000 -5.684542 -104.484821 -9.122695
-555.143519 -54.071033 -3276.760
0.75000 -5.684542 -86.978422 -9.122695
-547.112385 -57.832565 -3388.085
1.00000 -5.684542 -79.493700 -9.122695
-547.112385 -61.630456 -3499.904

COMB DB-G2-1----- MAX

REL DIST T P M2 M3 V3
0.00000 3.027743 363.687383 7.289034
183.542847 21.236406 1407.436
0.25000 3.027743 383.871565 7.289034
183.542847 23.626175 123.000000
0.50000 3.027743 404.222850 7.289034
183.542847 27.031905 940.481063
0.75000 3.027743 424.996760 7.289034
183.542847 30.895979 671.185427
1.00000 3.027743 445.144017 7.289034
183.542847 34.114852 398.879968

COMB DB-G2-1----- MIN

REL DIST T P M2 M3 V3
0.00000 -2.973781 -83.473215 -0.528303
-459.624651 -44.519421 -1407.867
0.25000 -2.973781 -65.639719 -0.528303
-459.624651 -46.185314 -1798.22.259
0.50000 -2.973781 -47.998225 -0.528303
-459.624651 -51.971342 -1637.333
0.75000 -2.973781 -33.400719 -0.528303
-459.624651 -55.634921 -1752.629
1.00000 -2.973781 -33.400719 -0.528303
-459.624651 -59.778592 -1867.929

COMB DB-G2-2----- MAX

REL DIST T P M2 M3 V3
0.00000 4.343827 593.084277 9.397068
347.963966 47.386566 2349.346
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.00000 4.343827 620.786311 9.397068
347.963966 40.451485 1939.491
0.25000 4.343827 649.190787 9.397068
347.963966 34.602021 1512.523
0.50000 4.343827 677.903550 9.397068
347.963966 30.155768 1091.583
0.75000 4.343827 706.695709 9.397068
347.963966 27.540932 689.946230

COMB DB-G2-2----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.059841 -138.682701 -1.210276
-621.552014 -62.472283 -1094.447
0.25000 -4.059841 -112.765932 -1.210276
-621.552014 -67.347305 -2691.337
0.50000 -4.059841 -88.007169 -1.210276
-621.552014 -72.384359 -2861.647

0.75000 -4.059841 -64.656319 -1.210276
-621.552014 -77.483320 -3092.637
1.00000 -4.059841 -61.593179 -1.210276
-621.552014 -82.673897 -3203.627

COMB DB-G2-3----- MAX

REL DIST T P M2 M3 V3
0.00000 5.874271 638.320108 8.957774
634.177165 64.668101 253.112
0.25000 5.874271 663.179600 8.957774
634.177165 60.079308 2064.622
0.50000 5.874271 688.670538 8.957774
634.177165 53.985988 1146.263
0.75000 5.874271 714.438220 8.957774
634.177165 53.985988 1146.263
1.00000 5.874271 740.180349 8.957774
634.177165 55.157868 815.291028

COMB DB-G2-3----- MIN

REL DIST T P M2 M3 V3
0.00000 -5.664785 -149.935060 -6.152197
-704.047865 -64.668101 319.978
0.25000 -5.664785 -126.691128 -6.152197
-704.047865 -68.180825 -3346.599
0.50000 -5.664785 -104.477126 -6.152197
-704.047865 -62.989924 -253.907
0.75000 -5.664785 -83.519180 -6.152197
-704.047865 -78.493731 -3661.822
1.00000 -5.664785 -80.823681 -6.152197
-704.047865 -83.764119 -3820.107

COMB DB-G1-1----- MAX

REL DIST T P M2 M3 V3
0.00000 4.348679 149.540280 0.546690
544.530605 49.141377 485.148601
0.25000 4.348679 159.649421 0.546690
545.317782 55.427660 407.964881
0.50000 4.348679 150.468658 0.546690
546.175693 62.386598 351.979961
0.75000 4.348679 152.424288 0.546690
547.090871 70.586902 320.833521
1.00000 4.348679 151.458975 0.546690
548.049179 80.092849 336.909280

COMB DL-G1-1----- MIN

REL DIST T P M2 M3 V3
0.00000 -4.051462 -56.973332 -9.513955
-274.678779 -22.709789 -1401.030
0.25000 -4.051462 -56.660272 -9.513955
-270.254533 -17.721942 -1443.091
0.50000 -4.051462 -56.368135 -9.513955
-272.599622 -14.093107 -1508.637
0.75000 -4.051462 -56.100578 -9.513955
-270.563318 -12.424288 -1598.649
1.00000 -4.051462 -55.860708 -9.513955
-270.784816 -12.599194 -1710.674
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2----- MAX

REL DIST T P M2 M3 V3
0.00000 5.950071 382.346880 2.330977
823.027707 79.266685 1084.463
0.25000 5.950071 383.256017 2.330977
824.513043 88.213375 896.790452
0.50000 5.950071 384.183049 2.330977
826.136583 98.276811 742.185279
0.75000 5.950071 385.151099 2.330977
827.870872 109.402087 670.389918
1.00000 5.950071 386.140661 2.330977
829.685577 122.384867 689.690672

COMB DL-G1-2----- MIN

REL DIST T P M2 M3 V3
0.00000 -5.313021 -95.670763 -12.422445
-495.055218 -45.527164 -2770.531
0.25000 -5.313021 -95.057646 -12.422445
-495.013268 -40.759419 -247.761
0.50000 -5.313021 -94.485449 -12.422445
-493.072653 -39.601989 -3172.294
0.75000 -5.313021 -93.961415 -12.422445
-490.759439 -40.759419 -3452.688
1.00000 -5.313021 -93.491572 -12.422445
-489.595941 -42.635867 -3784.323

COMB DL-G1-3----- MAX

REL DIST T P M2 M3 V3
0.00000 8.635455 700.434712 8.545440
850.143776 90.543620 1865.331
0.25000 8.635455 722.410264 8.545440
850.159507 95.062535 1589.552
0.50000 8.635455 745.229025 8.545440
851.096935 101.223487 1361.380
0.75000 8.635455 768.773428 8.545440
860.532853 109.161796 1198.755
1.00000 8.635455 792.757440 8.545440
864.362816 119.652180 1123.449

COMB DL-G1-3----- MIN

REL DIST T P M2 M3 V3
0.00000 -7.441876 -180.629574 -11.659014
-807.868430 83.098977 1

0.00000 8.841575 815.672636 13.011713
850.143776 90.543620 2543.162
0.25000 8.841575 843.409992 13.011713
850.159507 95.062535 2604.622
0.50000 8.841575 872.192052 13.011713
851.096935 101.223487 1584.984
0.75000 8.841575 901.733284 13.011713
860.532853 109.402087 1307.449
1.00000 8.841575 931.781683 13.011713
884.362816 122.384867 1196.325
COMB DESIGN----- MIN
REL DIST P M2 M3 V3
0.00000 -7.441876 -182.922832 -12.422445
-900.382715 -98.616859 -4542.152
0.25000 -7.441876 -167.469421 -12.422445
-900.194061 -105.009377 -5035.289
0.50000 -7.441876 -154.715112 -12.422445
-900.005406 -114.053526 -5618.481
0.75000 -7.441876 -143.249613 -12.422445
-899.816752 -124.789260 -6293.317
1.00000 -7.441876 -132.972624 -12.422445
-899.628101 -136.857585 -7063.534
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT
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FRAME ELEMENT INTERNAL FORCES
ELEM 95 ===== LENGTH
= 3.508280
COMB DB-G1-0----- MAX
REL DIST P M2 M3 V3
0.00000 2.749629 97.252139 2.456887
372.577957 41.358145 235.350536 2.456887
0.25000 2.749629 97.548820 2.456887
373.424912 43.637583 258.811147 2.456887
0.50000 2.749629 97.845622 2.456887
374.290955 45.472386 283.924807 2.456887
0.75000 2.749629 98.141042 2.456887
375.169789 47.037966 309.679666 2.456887
1.00000 2.749629 98.432944 2.456887
376.051633 50.422812 335.232526 2.456887
COMB DB-G1-1----- MIN
REL DIST P M2 M3 V3
0.00000 -2.796100 -54.332553 -5.311678
-311.737188 -9.187579 -1054.755
0.25000 -2.796100 -54.062557 -5.311678
-310.834491 -9.526613 -1023.234
0.50000 -2.796100 -53.801117 -5.311678
-309.949480 -9.866932 -992.203549
0.75000 -2.796100 -53.769919 -5.311678
-309.090848 -10.207833 -961.169931
1.00000 -2.796100 -53.769919 -5.311678
-308.261350 -10.548745 -932.166386
COMB DB-G1-2----- MAX
REL DIST P M2 M3 V3
0.00000 4.005256 292.096852 4.013199
626.064245 71.891828 469.243733 4.013199
0.25000 4.005256 292.912314 4.013199
628.340971 75.366890 490.951381 4.013199
0.50000 4.005256 293.729229 4.013199
630.704553 78.103542 518.19621 4.013199
0.75000 4.005256 294.540411 4.013199
633.102971 80.279849 587.360821 4.013199
0.00000 4.005256 295.342960 4.013199
635.510859 87.597934 636.503021 4.013199
COMB DB-G1-2----- MIN
REL DIST P M2 M3 V3
0.00000 -3.802567 -79.185703 -7.619268
-554.984566 -29.157189 -223.23545
0.25000 -3.802567 -78.443567 -7.619268
-552.518774 -28.287618 -2210.703
0.50000 -3.802567 -77.725174 -7.619268
-550.102940 -29.157189 -223.23545
0.75000 -3.802567 -77.678407 -7.619268
-547.758497 -31.256680 -2192.457
1.00000 -3.802567 -77.678407 -7.619268
-545.493961 -32.898056 -2184.305
COMB DB-G1-3----- MAX
REL DIST P M2 M3 V3
0.00000 5.470060 60.175151 6.620191
712.557820 76.682061 770.318722 6.620191
0.25000 5.470060 63.139405 6.620191
712.557820 78.967132 770.915065 6.620191
0.50000 5.470060 64.511571 6.620191
712.558708 81.623995 751.26696 6.620191
0.75000 5.470060 66.002748 6.620191
712.558708 84.846886 827.02531 6.620191
1.00000 5.470060 67.445300 6.620191
712.558708 88.468743 896.908375 6.620191
COMB DB-G1-3----- MIN
REL DIST P M2 M3 V3
0.00000 -5.274043 -103.137085 -8.658182
-705.204593 -60.963044 -3499.388
0.25000 -5.274043 -99.014297 -8.658182
-681.750218 -62.428510 -3571.994
0.50000 -5.274043 -99.014297 -8.658182
-676.204341 -64.238959 -3644.823
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 M3 V3
0.75000 -5.274043 -99.014297 -8.658182
-678.204341 -66.350889 -3718.492
1.00000 -5.274043 -99.014297 -8.658182
-678.204341 -68.483382 -3792.640
COMB DB-G2-1----- MAX
REL DIST P M2 M3 V3
0.00000 2.699332 449.06445 5.238608
317.78323 87.313922 399.785736 5.238608
0.25000 2.699332 462.725595 5.238608
317.78323 89.634683 409.7479 5.238608
0.50000 2.699332 476.612091 5.238608
317.78323 92.73807 427.78693 5.238608
0.75000 2.699332 490.540695 5.238608
317.78323 95.839868 458.784 5.238608
1.00000 2.699332 504.352661 5.238608
317.78323 10.186356 389.564873 5.238608
COMB DB-G2-1----- MIN
REL DIST P M2 M3 V3
0.00000 -2.694246 -35.233325 -1.610713
-393.763416 -59.126242 -1868.919
0.25000 -2.694246 -35.233325 -1.610713
-393.763416 -59.704771 -1981.766
0.50000 -2.694246 -35.233325 -1.610713
-393.763416 -60.447053 -2094.472
0.75000 -2.694246 -35.233325 -1.610713
-393.763416 -61.258229 -2208.162
1.00000 -2.694246 -35.233325 -1.610713
-393.763416 -62.108567 -2260.217
COMB DB-G2-2----- MAX
REL DIST P M2 M3 V3
0.00000 4.058342 716.562321 7.097363
508.118745 27.476490 690.766339 7.097363
0.25000 4.058342 735.791827 7.097363
508.118745 28.796976 757.70438 7.097363
0.50000 4.058342 755.175980 7.097363
508.118745 30.117561 598.449524 7.097363
0.75000 4.058342 774.589114 7.097363
508.118745 31.438262 654.553047 7.097363
0.00000 4.058342 793.905720 7.097363
508.118745 32.759016 710.656570 7.097363
COMB DB-G2-2----- MIN
REL DIST P M2 M3 V3
0.00000 -3.740209 -63.966991 -3.609704
-583.039508 -81.806583 -3204.537
0.25000 -3.740209 -63.966991 -3.609704
-583.039508 -83.153495 -3362.408
0.50000 -3.740209 -63.966991 -3.609704
-583.039508 -84.658321 -3529.279
0.75000 -3.740209 -63.966991 -3.609704
-583.039508 -86.995465 -3678.488
0.00000 -3.740209 -63.966991 -3.609704
-583.039508 -89.179590 -3838.808
COMB DB-G2-3----- MAX
REL DIST P M2 M3 V3
0.00000 5.499504 743.736326 7.771839
739.524199 54.506179 816.107138 7.771839
0.25000 5.499504 760.991137 7.771839
739.524199 57.431955 717.61447 7.771839
0.50000 5.499504 778.385318 7.771839
739.524199 60.441209 775.88910 7.771839
0.75000 5.499504 795.805993 7.771839
739.524199 63.572707 848.059136 7.771839
1.00000 5.499504 813.050326 7.771839
739.524199 66.906400 920.129581 7.771839
COMB DB-G2-3----- MIN
REL DIST P M2 M3 V3
0.00000 -5.240356 -85.207156 -7.092571
-760.105053 -82.880197 -3820.300
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 M3 V3
0.25000 -5.240356 -85.207156 -7.092571
-760.105053 -84.571685 -3948.143
0.50000 -5.240356 -85.207156 -7.092571
-760.105053 -86.591527 -4078.051
0.75000 -5.240356 -85.207156 -7.092571
-760.105053 -89.010700 -4204.595
1.00000 -5.240356 -85.207156 -7.092571
-760.105053 -91.473008 -4333.234
COMB DL-G1-1----- MAX
REL DIST P M2 M3 V3
0.00000 4.388691 132.637766 2.580805
477.596108 80.300600 336.761372 2.580805
0.25000 4.388691 132.984778 2.580805
478.214558 82.761223 354.645390 2.580805
0.50000 4.388691 133.392444 2.580805
478.866220 85.498756 377.700782 2.580805
0.75000 4.388691 133.699388 2.580805
479.527843 88.408806 404.894524 2.580805
1.00000 4.388691 134.063561 2.580805
480.212776 91.461976 435.855362 2.580805
COMB DL-G1-1----- MIN
REL DIST P M2 M3 V3
0.00000 -4.050474 -97.287170 -5.421268
-443.322650 -12.924125 -1711.059
0.25000 -4.050474 -97.093312 -5.421268
-443.558513 -12.946651 -1711.059
0.50000 -4.050474 -96.911687 -5.421268
-443.884636 -13.170196 -1790.625
0.75000 -4.050474 -96.743812 -5.421268
-444.224640 -13.488544 -1869.535
1.00000 -4.050474 -96.590986 -5.421268
-444.608283 -13.864244 -1891.535
COMB DL-G1-2----- MAX
REL DIST P M2 M3 V3
0.00000 6.183616 396.900958 4.693625
761.786418 122.234598 689.517657 4.693625
0.25000 6.183616 397.588021 4.693625
762.961189 127.117590 670.899483 4.693625
0.50000 6.183616 398.289774 4.693625
764.189720 132.266875 704.477760 4.693625
0.75000 6.183616 399.002459 4.693625
765.461075 137.543318 757.734453 4.693625
1.00000 6.183616 399.723638 4.693625
766.765791 142.891438 820.415219 4.693625
COMB DL-G1-2----- MIN
REL DIST P M2 M3 V3
0.00000 -5.484487 -137.014383 -8.374619
-723.874896 -42.608568 -337.75
0.25000 -5.484487 -136.636636 -8.374619
-722.466576 -44.490636 -3982.151
0.50000 -5.484487 -136.283168 -8.374619
-721.127278 -46.544161 -4199.296
0.75000 -5.484487 -135.968850 -8.374619
-719.865620 -48.804905 -4484.923
1.00000 -5.484487 -135.659586 -8.374619
-718.688026 -51.108825 -4688.327
COMB DL-G1-3----- MAX
REL DIST P M2 M3 V3
0.00000 8.597532 821.025603 7.977076
887.784349 119.747533 837.964390 7.977076
0.25000 8.597532 837.964390 7.977076
889.523535 123.583778 1062.267 7.977076
0.50000 8.597532 855.244504 7.977076
892.685799 127.874462 1049.188 7.977076
0.75000 8.597532 872.816460 7.977076
896.103477 132.496965 1073.238 7.977076
1.00000 8.597532 890.515782 7.977076
914.553111 137.436689 1154.743 7.977076
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-3----- MIN
REL DIST P M2 M3 V3
0.00000 -7.324050 -183.671707 -9.085313
-968.652804 -137.113665 -7062.668
0.25000 -7.324050 -176.017205 -9.085313
-968.520767 -141.121532 -7686.262
0.50000 -7.324050 -168.857646 -9.085313
-968.388733 -145.406397 -8360.664
0.75000 -7.324050 -163.419485 -9.085313
1.00000 -7.324050 -162.865811 -9.085313
-968.128243 -155.401824 -9865.621
COMB DL-G2-1----- MAX
REL DIST P M2 M3 V3
0.00000 6.848570 998.686161 9.523216
938.850482 90.405527 1196.379 9.523216
0.25000 6.848570 1020.243 9.523216
938.850482 92.79175 1105.422 9.523216
0.50000 6.848570 1042.121 9.523216
938.850482 96.333215 1070.121 9.523216
0.75000 6.848570 1064.382 9.523216
938.850482 100.960601 1096.286 9.523216
0.00000 6.848570 1034.645 9.523216
938.854051 104.104527 1181.059 9.523216
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT
< MOVING Page LOAD 649 >
FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-3----- MIN
REL DIST P M2 M3 V3
0.00000 -7.080784 -151.074417 -7.700536
-968.652804 -136.697670 -7062.668
0.25000 -7.080784 -142.842797 -7.700536
-968.520767 -149.904477 -7686.262
0.50000 -7.080784 -137.691032 -7.700536
-968.388733 -145.406397 -8360.664
0.75000 -7.080784 -137.019567 -7.700536
-968.256699 -150.319122 -9110.587
1.00000 -7.080784 -136.794849 -7.700536
-968.128243 -155.401824 -9865.621
COMB DB----- MAX
REL DIST P M2 M3 V3
0.00000 5.499504 743.736326 7.771839
739.524199 54.506179 816.107138 7.771839
0.25000 5.499504 760.991137 7.771839
739.524199 57.431955 717.61447 7.771839
0.50000 5.499504 778.385318 7.771839
739.524199 60.441209 775.88910 7.771839
0.75000 5.499504 795.805993 7.771839
739.524199 63.572707 848.059136 7.771839
1.00000 5.499504 813.050326 7.771839
739.524199 66.906400 920.129581 7.771839
COMB DB----- MIN
REL DIST P M2 M3 V3
0.00000 -5.274043 -103.137085 -8.658182
-705.204593 -60.963044 -3499.388
0.25000 -5.274043 -99.014297 -8.658182
-681.750218 -62.428510 -3571.994
0.50000 -5.274043 -99.014297 -8.658182
-676.204341 -64.238959 -3644.823
0.75000 -5.274043 -99.014297 -8.658182
-678.204341 -66.350889 -3718.492
1.00000 -5.274043 -99.014297 -8.658182
-678.204341 -68.483382 -3792.640
COMB DB----- MAX
REL DIST P M2 M3 V3
0.00000 5.059756 66.396552 8.385872
645.962984 87.611316 898.845933 8.385872
0.25000 5.059756 70.495299 8.385872
645.962984 89.649682 916.8899 8.385872
0.50000 5.059756 79.613422 8.385872
645.962984 82.805945 853.852668 8.385872
0.75000 5.059756 91.443649 8.385872
645.962984 84.543122 866.618698 8.385872
1.00000 5.059756 109.119238 8.385872
680.589679 1131.255
COMB DB-G1-3----- MIN
REL DIST P M2 M3 V3
0.00000 -4.740512 -705.039609 -6.429131
-755.688993 -67.632053 -3792.042
0.25000 -4.740512 -685.519843 -6.429131
-736.308717 -69.535426 -3238.200
0.50000 -4.740512 -666.618698 -6.429131
-736.308717 -69.854857 -2814.860
0.75000 -4.740512 -647.788512 -6.429131
-736.308717 -66.434389 -2752.174
1.00000 -4.740512 -629.271384 -6.429131

-736.308717 -53.175898 -2690.571

COMB DB-G2-1 MAX

REL DIST P M2 M3 V3
0.00000 2.485125 11.303290 1.601153
443.038154 10.429913 389.535820 1.601153
0.25000 2.485125 11.303290 1.601153
443.038154 9.924796 375.821787 1.601153
0.50000 2.485125 11.303290 1.601153
443.038154 9.429700 362.108216 1.601153
0.75000 2.485125 11.963159 1.601153
443.038154 8.922089 398.809921 1.601153
1.00000 2.485125 11.963159 1.601153
443.038154 8.423133 643.362561 1.601153

COMB DB-G2-1 MIN

REL DIST P M2 M3 V3
0.00000 -2.425848 -506.097900 -6.343143
-279.123409 -31.360794 -232.3142 -6.343143
0.25000 -2.425848 -488.252664 -6.343143
-279.123409 -56.360941 -1971.101 -6.343143
0.50000 -2.425848 -469.715586 -6.343143
-279.123409 -51.819906 -1702.205 -6.343143
0.75000 -2.425848 -451.290868 -6.343143
-279.123409 -47.986048 -1574.350 -6.343143
1.00000 -2.425848 -433.310938 -6.343143
-279.123409 -44.458866 -1446.726 -6.343143

COMB DB-G2-2 MAX

REL DIST P M2 M3 V3
0.00000 3.714897 18.235336 3.133066
615.392003 3.714029 40.553035 3.133066
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNA L FORCES

REL DIST P M2 M3 V3
0.25000 3.714897 18.233810 3.133066
615.392003 3.742375 687.984105 3.133066
0.50000 3.714897 26.689448 3.133066
615.392003 6.541592 65.415192 3.133066
0.75000 3.714897 38.708138 3.133066
615.392003 28.738172 715.911573 3.133066
1.00000 3.714897 57.967037 3.133066
615.392003 27.23594 1075.786 3.133066

COMB DB-G2-2 MIN

REL DIST P M2 M3 V3
0.00000 -3.322622 -798.017881 -8.018984
-455.725002 -68.011132 -3638.499 -8.018984
0.25000 -3.322622 -772.521863 -8.018984
-455.725002 -81.802539 -3265.049 -8.018984
0.50000 -3.322622 -746.847348 -8.018984
-455.725002 -76.182110 -2823.677 -8.018984
0.75000 -3.322622 -721.308838 -8.018984
-455.725002 -71.144054 -2650.882 -8.018984
1.00000 -3.322622 -696.282797 -8.018984
-455.725002 -66.566191 -2477.603 -8.018984

COMB DB-G2-3 MAX

REL DIST P M2 M3 V3
0.00000 5.059680 46.930445 6.698446
761.933199 66.790024 920.041510 6.698446
0.25000 5.059680 65.551733 6.698446
761.933199 64.505223 84.450523 6.698446
0.50000 5.059680 57.401307 6.698446
761.933199 62.464526 870.173077 6.698446
0.75000 5.059680 57.401307 6.698446
761.933199 60.514037 81.425234 6.698446
1.00000 5.059680 82.456343 6.698446
761.933199 58.788804 1231.303 6.698446

COMB DB-G2-3 MIN

REL DIST P M2 M3 V3
0.00000 -4.697836 -834.097713 -8.156821
-726.697605 -90.345015 -4333.796 -8.156821
0.25000 -4.697836 -811.223797 -8.156821
-726.697605 -84.217830 -3689.624 -8.156821
0.50000 -4.697836 -788.183400 -8.156821
-726.697605 -78.620073 -3200.206 -8.156821
0.75000 -4.697836 -765.265288 -8.156821
-726.697605 -73.566455 -3070.853 -8.156821
1.00000 -4.697836 -742.807469 -8.156821
-726.697605 -68.885083 -2942.466 -8.156821

COMB DL-G1-1 MAX

REL DIST P M2 M3 V3
0.00000 4.391641 68.890775 6.452400
340.446378 91.864836 435.910761 6.452400
0.25000 4.391641 69.084948 6.452400
341.269816 86.834290 499.886645 6.452400
0.50000 4.391641 69.305306 6.452400
342.175096 82.101530 427.565313 6.452400
0.75000 4.391641 69.550812 6.452400
343.154838 77.933221 432.572335 6.452400
1.00000 4.391641 69.817634 6.452400
344.197802 74.401561 450.476672 6.452400

COMB DL-G1-1 MIN

REL DIST P M2 M3 V3
0.00000 -3.948592 -161.869362 -1.845792
-593.104214 -181.081181 -1.845792
0.25000 -3.948592 -161.366646 -1.845792
-592.135133 -13.460193 -1779.378 -1.845792
0.50000 -3.948592 -160.871124 -1.845792
-591.201929 -12.980329 -167.513 -1.845792
0.75000 -3.948592 -160.387331 -1.845792
-590.316666 -12.992272 -1575.428 -1.845792
1.00000 -3.948592 -159.919617 -1.845792
-589.491531 -15.034850 -1494.045 -1.845792
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FRAME ELEMENT INTERNA L FORCES

COMB DL-G1-2 MAX

REL DIST P M2 M3 V3
0.00000 6.300151 82.404035 8.667916
575.284072 143.149475 82.407088 8.667916
0.25000 6.300151 82.418541 8.667916
576.858784 135.715087 806.752938 8.667916
0.50000 6.300151 82.480601 8.667916
578.592870 128.373890 799.819309 8.667916
0.75000 6.300151 83.326778 8.667916
580.469520 112.899234 824.671125 8.667916
1.00000 6.300151 83.647014 8.667916
582.466487 116.094211 931.368732 8.667916

COMB DL-G1-2 MIN

REL DIST P M2 M3 V3
0.00000 -5.353726 -430.134029 -3.345156
-889.443245 -46.816193 -3.345156
0.25000 -5.353726 -429.138869 -3.345156
-887.596535 -48.500685 -4292.953 -3.345156
0.50000 -5.353726 -428.157809 -3.345156
-885.919668 -46.020152 -3906.838 -3.345156

0.75000 -5.353726 -427.199659 -3.345156

-884.136542 -44.213144 -3558.221 -3.345156

1.00000 -5.353726 -426.251381 -3.345156

-882.569525 -43.288488 -3250.160 -3.345156

COMB DL-G1-3 MAX

REL DIST P M2 M3 V3
0.00000 8.599425 86.408741 9.253558
981.73604 143.149475 1180.930 9.253558
0.25000 8.599425 86.408741 9.253558
981.358099 135.715087 1163.229 9.253558
0.50000 8.599425 103.051971 9.253558
981.546755 128.373890 1250.883 9.253558
0.75000 8.599425 112.970312 9.253558
981.735412 121.809234 1394.058 9.253558
1.00000 8.599425 123.757213 9.253558
981.924069 116.094211 1623.259 9.253558

COMB DL-G1-3 MIN

REL DIST P M2 M3 V3
0.00000 -7.058351 -917.004529 -7.824058
-990.977292 -114.453430 17.09255 -7.824058
0.25000 -7.058351 -892.492750 -7.824058
-964.076776 -107.812965 -7551.267 -7.824058
0.50000 -7.058351 -868.259025 -7.824058
-925.168812 -101.519036 -7249.714 -7.824058
0.75000 -7.058351 -844.555669 -7.824058
-947.054753 -96.168763 -5963.304 -7.824058
1.00000 -7.058351 -821.540205 -7.824058
-946.035131 -91.989869 -5279.994 -7.824058

COMB DL-G2-1 MAX

REL DIST P M2 M3 V3
0.00000 4.079643 15.210037 1.708031
619.287311 14.872326 498.647241 1.708031
0.25000 4.079643 15.210037 1.708031
612.341206 14.055442 490.464123 1.708031
0.50000 4.079643 21.260202 1.708031
604.264847 13.214400 562.734402 1.708031
0.75000 4.079643 29.249714 1.708031
595.052856 12.433031 676.632115 1.708031
1.00000 4.079643 37.924317 1.708031
585.334247 11.631046 806.488651 1.708031

COMB DL-G2-1 MIN

REL DIST P M2 M3 V3
0.00000 -3.050954 -670.230704 -7.370540
-360.031196 -113.759665 -5396.261 -7.370540
0.25000 -3.050954 -644.463520 -7.370540
-360.030701 -106.384052 -4703.654 -7.370540
0.50000 -3.050954 -618.863878 -7.370540
-364.445591 -99.219201 -4063.774 -7.370540
0.75000 -3.050954 -593.732586 -7.370540
-364.952568 -92.748949 -3475.714 -7.370540
1.00000 -3.050954 -569.307381 -7.370540
-364.952568 -85.449381 -2958.373 -7.370540
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FRAME ELEMENT INTERNA L FORCES

COMB DL-G2-2 MAX

REL DIST P M2 M3 V3
0.00000 6.005028 25.911891 3.309965
797.853333 43.823495 914.659842 3.309965
0.25000 6.005028 25.911891 3.309965
796.063117 41.672892 901.27897 3.309965
0.50000 6.005028 40.907849 3.309965
798.246446 39.586274 1004.852 3.309965
0.75000 6.005028 53.019944 3.309965
796.293774 37.521160 1161.950 3.309965
1.00000 6.005028 66.156832 3.309965
798.613103 37.500894 1399.521 3.309965

COMB DL-G2-2 MIN

REL DIST P M2 M3 V3
0.00000 -4.400797 -1049.1174 -9.626754
-549.045658 -154.920907 -8853.316 -9.626754
0.25000 -4.400797 -1014.524 -9.626754
-549.040125 -145.380339 -8020.520 -9.626754
0.50000 -4.400797 -980.312815 -9.626754
-549.041215 -136.123388 -6871.406 -9.626754
0.75000 -4.400797 -946.761942 -9.626754
-549.040125 -127.389895 -5953.938 -9.626754
1.00000 -4.400797 -914.177025 -9.626754
-549.041215 -119.427254 -5001.680 -9.626754

COMB DL-G2-3 MAX

REL DIST P M2 M3 V3
0.00000 8.509914 60.699409 7.357238
981.173604 105.120375 1180.930 7.357238
0.25000 8.509914 64.476603 7.357238
981.358099 99.709749 1163.229 7.357238
0.50000 8.509914 64.476603 7.357238
981.546755 94.365599 1250.883 7.357238
0.75000 8.509914 85.115713 7.357238
981.735412 89.407764 1394.058 7.357238
1.00000 8.509914 96.953028 7.357238
981.924069 86.032412 1623.259 7.357238

COMB DL-G2-3 MIN

REL DIST P M2 M3 V3
0.00000 -6.711617 -1098.882 -9.962746
-920.001838 -155.354405 -9865.318 -9.962746
0.25000 -6.711617 -1067.736 -9.962746
-919.997688 -145.306893 -8716.658 -9.962746
0.50000 -6.711617 -1036.9312 -9.962746
-919.997688 -136.722982 -7684.697 -9.962746
0.75000 -6.711617 -1006.7020 -9.962746
-919.997688 -128.015790 -6739.086 -9.962746
1.00000 -6.711617 -977.378812 -9.962746
-919.997688 -120.261553 -5880.217 -9.962746

COMB DB

REL DIST P M2 M3 V3
0.00000 5.059756 66.396552 6.838572
761.933199 67.117116 920.041510 6.838572
0.25000 5.059756 66.396552 6.838572
761.933199 64.848492 895.104331 6.838572
0.50000 5.059756 79.613422 6.838572
761.933199 82.805455 870.173077 6.838572
0.75000 5.059756 91.443649 6.838572
761.933199 81.543112 910.825293 6.838572
1.00000 5.059756 109.119338 6.838572
761.933199 81.265457 1231.303 6.838572

COMB DB

REL DIST P M2 M3 V3
0.00000 -4.740512 -834.097713 -8.156821
-755.689993 -90.345015 -4333.796 -8.156821
0.25000 -4.740512 -811.223797 -8.156821
-736.308717 -84.217830 -3692.624 -8.156821
0.50000 -4.740512 -788.183400 -8.156821
-736.308717 -78.620073 -3200.206 -8.156821
0.75000 -4.740512 -765.265288 -8.156821
-736.308717 -73.545645 -3070.853 -8.156821
1.00000 -4.740512 -742.807469 -8.156821
-736.308717 -68.885083 -2942.466 -8.156821
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FRAME ELEMENT INTERNA L FORCES

COMB DL MAX

REL DIST P M2 M3 V3

0.00000 8.599425 86.408741 9.253558
981.73604 143.149475 1180.930 9.253558
0.25000 8.599425 86.408741 9.253558
981.358099 135.715087 1163.229 9.253558
0.50000 8.599425 103.051971 9.253558
981.546755 128.373890 1250.883 9.253558
0.75000 8.599425 112.970312 9.253558
981.735412 121.809234 1394.058 9.253558
1.00000 8.599425 123.757213 9.253558
981.924069 116.094211 1623.259 9.253558

COMB DL MIN

REL DIST P M2 M3 V3
0.00000 -7.058351 -917.004529 -7.824058
-990.977292 -115.354405 -9865.318 -7.824058
0.25000 -7.058351 -892.492750 -7.824058
-964.076776 -107.812965 -7551.267 -7.824058
0.50000 -7.058351 -868.259025 -7.824058
-925.168812 -101.519036 -7249.714 -7.824058
0.75000 -7.058351 -844.555669 -7.824058
-947.054753 -96.168763 -5963.304 -7.824058
1.00000 -7.058351 -821.540205 -7.824058
-946.035131 -91.989869 -5279.994 -7.824058

COMB CAR

REL DIST P M2 M3 V3
0.00000 8.599425 86.408741 9.253558
981.173604 143.149475 1180.930 9.253558
0.25000 8.599425 86.408741 9.253558
981.358099 135.715087 1163.229 9.253558
0.50000 8.599425 103.051971 9.253558
981.546755 128.373890 1250.883 9.253558
0.75000 8.599425 112.970312 9.253558
981.735412 121.809234 1394.058 9.253558
1.00000 8.599425 123.757213 9.253558
981.924069 116.094211 1623.259 9.253558

COMB DESIGN

REL DIST P M2 M3 V3
0.00000 8.599425 86.408741 9.253558
981.173604 143.149475 1180.930 9.253558
0.25000 8.599425 86.408741 9.253558
981.358099 135.715087 1163.229 9.253558
0.50000 8.599425 103.051971 9.253558
981.546755 128.373890 1250.883 9.253558
0.75000 8.599425 112.970312 9.253558
981.735412 121.809234 1394.058 9.253558
1.00000 8.599425 123.757213 9.253558
981.924069 116.094211 1623.259 9.253558

COMB DESIGN

REL DIST P M2 M3 V3
0.00000 -7.058351 -917.004529 -7.824058
-990.977292 -115.354405 -9865.318 -7.824058
0.25000 -7.058351 -892.492750 -7.824058
-964.076776 -107.812965 -7551.267 -7.824058
0.50000 -7.058351 -868.259025 -7.824058
-925.1688

0.75000 -3.843789 -175.127722 -0.662859
-841.759047 -25.170904 -1190.714
0.00000 -3.843789 -175.127722 -0.662859
-640.992067 -30.873586 -1168.912

COMB DL-G1-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 6.692198 47.359110 11.713944
396.423872 116.762769 93.988824 11.713944
0.25000 6.692198 47.818547 11.713944
0.50000 106.196203 990.519200 11.713944
0.50000 6.692198 48.326693 11.713944
401.937374 99.756916 114.243420 11.713944
0.75000 6.692198 48.881587 11.713944
403.893326 87.912810 1350.085 11.713944
0.00000 6.692198 49.472132 11.713944
405.950220 80.054170 1655.181

COMB DL-G1-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -5.365066 -412.666535 -1.596839
-936.948634 -33.079374 -1248.988
0.25000 -5.365066 -411.710847 -1.596839
-937.175866 -44.389343 -2910.867
0.50000 -5.365066 -410.775666 -1.596839
-935.485845 -53.650666 -3279.319
0.75000 -5.365066 -409.870476 -1.596839
-933.904080 -51.440407 -2411.249
1.00000 -5.365066 -409.002606 -1.596839
-932.458116 -56.868651 -2278.484

COMB DL-G1-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 8.989419 75.449818 10.971951
683.394254 115.079949 1513.707
0.25000 8.989419 85.523492 10.971951
692.007716 106.326154 1690.151
0.50000 8.989419 96.710554 10.971951
716.575090 99.077697 1929.039
0.75000 8.989419 109.109087 10.971951
748.310435 93.724278 2270.606
1.00000 8.989419 121.795295 10.971951
779.655765 89.894556 2677.667
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.966729 -796.427091 -1.182840
-933.032257 -87.613857 -5279.735
0.25000 -6.966729 -773.381616 -1.182840
-910.305321 -86.406439 -4654.990
0.50000 -6.966729 -750.770792 -1.182840
-903.868116 -83.146165 -4118.583
0.75000 -6.966729 -728.801432 -1.182840
-903.626610 -81.814396 -3676.283
1.00000 -6.966729 -707.659177 -1.182840
-903.641077 -82.157942 -3349.279

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 4.071815 35.120241 0.613691
664.578943 12.255674 805.928710
0.25000 4.071815 44.077121 0.613691
654.862248 11.889007 951.695950
0.50000 4.071815 54.060227 0.613691
645.145633 12.529547 1110.839
0.75000 4.071815 64.884846 0.613691
635.428978 16.600755 1381.389
1.00000 4.071815 76.343405 0.613691
625.712323 22.036034 1463.822

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -2.886690 -521.826442 -1.389667
-196.593032 -85.146748 -2958.834
0.25000 -2.886690 -498.230814 -1.389667
-196.593032 -87.755892 -2889.710
0.50000 -2.886690 -474.966971 -1.389667
-196.593032 -85.244843 -2266.016
0.75000 -2.886690 -452.254121 -1.389667
-196.593032 -86.270553 -1870.441
1.00000 -2.886690 -430.323361 -1.389667
-196.593032 -49.887706 -1634.909

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 6.279553 60.947526 1.363673
860.361698 38.603235 1398.903
0.25000 6.279553 73.888940 1.363673
860.544899 39.244225 1607.025
0.50000 6.279553 88.289720 1.363673
860.728281 41.198160 1860.031
0.75000 6.279553 103.917922 1.363673
860.911573 44.835268 2164.882
1.00000 6.279553 120.009139 1.363673
861.094864 49.960175 2509.541

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -4.341140 -842.492129 -1.696501
-365.035796 -118.924398 -6012.101
0.25000 -4.341140 -810.527797 -1.696501
-365.035796 -105.934784 -4339.520
0.50000 -4.341140 -779.071841 -1.696501
-365.035796 -94.015699 -3748.289
0.75000 -4.341140 -748.422768 -1.696501
-365.035796 -83.830223 -3238.331
1.00000 -4.341140 -718.873687 -1.696501
-365.035796 -74.738366 -2814.579

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 8.877530 70.497264 7.433890
931.743010 87.737411 1623.030
0.25000 8.877530 82.152441 7.433890
931.931629 82.331711 1834.749
0.50000 8.877530 95.121070 7.433890
932.120247 92.564721 2115.139
0.75000 8.877530 109.190887 7.433890
932.308866 97.589955 2487.118
1.00000 8.877530 124.122563 7.433890
932.497485 99.894556 2922.975
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.614953 -915.457008 -1.1945613
-782.842687 -119.93642 -1581.343
0.25000 -6.614953 -886.671337 -1.1945613
-782.842687 -108.224966 -5178.432
0.50000 -6.614953 -858.349163 -1.1945613
-782.842687 -98.259797 -4584.389

0.75000 -6.614953 -830.750221 -1.1945613
-782.842687 -91.987504 -4069.369
1.00000 -6.614953 -804.126791 -1.1945613
-782.842687 -87.602316 -3657.284

COMB DB ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 4.790659 63.29831 8.744592
731.952379 80.953487 1239.303
0.25000 4.790659 78.516027 8.744592
731.952379 77.678574 1573.130
0.50000 4.790659 96.105513 8.744592
731.952379 75.378296 191.1
0.75000 4.790659 117.111860 8.744592
731.952379 73.937440 2394.177
1.00000 4.790659 142.125860 8.744592
731.952379 73.859333 2873.287

COMB DB ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -4.407287 -751.060354 -9.436141
-747.010169 -4.407287 -727.484234 -9.436141
-743.282519 -60.747401 -2837.688
0.50000 -4.407287 -703.968972 -9.436141
-743.282519 -60.747401 -2837.688
0.75000 -4.407287 -680.816157 -9.436141
-737.157642 -54.476073 -2629.636
1.00000 -4.407287 -658.355058 -9.436141
-734.287398 -58.255380 -2526.263

COMB DL ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 8.989419 75.449818 11.713944
931.743010 116.762769 1623.030
0.25000 8.989419 85.523492 11.713944
931.931629 106.326154 1834.749
0.50000 8.989419 96.710554 11.713944
932.120247 99.077697 2115.139
0.75000 8.989419 109.109087 11.713944
932.308866 93.724278 2487.118
1.00000 8.989419 124.122563 11.713944
932.497485 89.894556 2922.975

COMB DL ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.966729 -915.457008 -1.2696501
-938.948634 -119.883642 -5881.343
0.25000 -6.966729 -886.674137 -1.2696501
-937.175866 -108.224966 -5178.432
0.50000 -6.966729 -858.349163 -1.2696501
-935.485845 -98.259797 -4584.389
0.75000 -6.966729 -830.750221 -1.2696501
-933.904080 -91.987504 -4069.369
1.00000 -6.966729 -804.126791 -1.2696501
-932.458116 -87.602316 -3657.284

COMB CAR ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 8.989419 75.449818 11.713944
931.743010 116.762769 1623.030
0.25000 8.989419 85.523492 11.713944
931.931629 106.326154 1834.749
0.50000 8.989419 96.710554 11.713944
932.120247 99.077697 2115.139
0.75000 8.989419 117.111860 11.713944
932.308866 93.724278 2487.118
1.00000 8.989419 142.125860 11.713944
932.497485 89.894556 2922.975
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.966729 -915.457008 -1.2696501
-938.948634 -119.883642 -5881.343
0.25000 -6.966729 -886.674137 -1.2696501
-937.175866 -108.224966 -5178.432
0.50000 -6.966729 -858.349163 -1.2696501
-935.485845 -98.259797 -4584.389
0.75000 -6.966729 -830.750221 -1.2696501
-933.904080 -91.987504 -4069.369
1.00000 -6.966729 -804.126791 -1.2696501
-932.458116 -87.602316 -3657.284

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 8.989419 75.449818 11.713944
931.743010 116.762769 1623.030
0.25000 8.989419 85.523492 11.713944
931.931629 106.326154 1834.749
0.50000 8.989419 96.710554 11.713944
932.120247 99.077697 2115.139
0.75000 8.989419 117.111860 11.713944
932.308866 93.724278 2487.118
1.00000 8.989419 142.125860 11.713944
932.497485 89.894556 2922.975

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.966729 -915.457008 -1.2696501
-938.948634 -119.883642 -5881.343
0.25000 -6.966729 -886.674137 -1.2696501
-937.175866 -108.224966 -5178.432
0.50000 -6.966729 -858.349163 -1.2696501
-935.485845 -98.259797 -4584.389
0.75000 -6.966729 -830.750221 -1.2696501
-933.904080 -91.987504 -4069.369
1.00000 -6.966729 -804.126791 -1.2696501
-932.458116 -87.602316 -3657.284

ELEM 98 ----- LENGTH = 5.012909

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 2.156416 7.388164 6.711858
59.532746 32.455442 542.937658
0.25000 2.156416 8.504109 6.711858
60.596040 29.106858 651.449478
0.50000 2.156416 8.112634 6.711858
61.714168 25.761898 773.116605
0.75000 2.156416 8.844274 6.711858
62.879439 22.461556 904.648611
1.00000 2.156416 8.943963 6.711858
64.229688 19.96839 1043.524

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.228688 -131.733285 -0.438505
-469.964088 -29.645265 -866.854133
0.25000 -1.228688 -131.288962 -0.438505
-466.607070 -32.513012 -859.297692
0.50000 -1.228688 -130.879935 -0.438505
-467.469321 -36.437139 -851.786053
0.75000 -1.228688 -130.480973 -0.438505
-466.387224 -41.477033 -844.274415
1.00000 -1.228688 -130.093927 -0.438505
-465.357233 -47.540916 -836.919616

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 3.598997 27.329272 8.182416
226.474578 59.267238 1366.737
0.25000 3.598997 28.294872 8.182416
229.971228 54.727033 1547.919
0.50000 3.598997 29.324040 8.182416
232.418717 50.294386 1776.982
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.75000 3.598997 30.396564 8.182416
235.595485 45.857404 2054.772
1.00000 3.598997 31.604025 8.182416
239.272578 41.514335 2363.911

COMB DB-G1-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -3.062117 -301.324250 -0.924864
-731.446146 -45.053317 -1681.647
0.25000 -3.062117 -300.098910 -0.924864
-727.753322 -48.069480 -1651.422
0.50000 -3.062117 -298.979811 -0.924864
-724.691304 -52.298170 -1621.197
0.75000 -3.062117 -297.882889 -0.924864
-721.742933 -57.074797 -1590.972
1.00000 -3.062117 -296.818822 -0.924864
-718.938290 -64.472527 -1560.962

COMB DB-G1-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 4.593293 87.612129 7.858031
441.704042 73.93154 2507.017
0.25000 4.593293 104.516401 7.858031
441.704042 70.912906 2854.575
0.50000 4.593293 122.569714 7.858031
464.212431 68.548642 3220.843
0.75000 4.593293 141.556813 7.858031
492.999306 67.362678 3603.385
1.00000 4.593293 161.932020 7.858031
518.837623 67.218297 3988.453

COMB DB-G1-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -4.058542 -598.003468 -5.684678
-653.364088 -59.792357 -247.812
0.25000 -4.058542 -577.259508 -5.684678
-661.129184 -56.767772 -2358.439
0.50000 -4.058542 -557.384891 -5.684678
-649.675963 -58.213806 -2289.122
0.75000 -4.058542 -537.907406 -5.684678
-649.076854 -61.512845 -2219.804
1.00000 -4.058542 -519.06846 -5.684678
-649.076854 -65.994494 -2150.687

COMB DB-G2-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 2.019454 74.367212 0.346953
490.476827 1.653569 682.635
0.25000 2.019454 72.967127 0.346953
490.476827 23.076327 1795.677
0.50000 2.019454 107.744028 0.346953
490.476827 1.524444 1987.108
0.75000 2.019454 126.012402 0.346953
490.476827 32.937301 2156.270
1.00000 2.019454 144.398234 0.346953
490.476827 39.461464 2303.516

COMB DB-G2-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.939038 -384.310604 -7.197342
-63.182887 -30.975280 -1107.908
0.25000 -1.939038 -365.509494 -7.197342
-63.182887 -27.768243 -1052.963
0.50000 -1.939038 -346.208829 -7.197342
-63.182887 -24.621466 -998.256236
0.75000 -1.939038 -321.950613 -7.197342
-63.182887 -21.556705 -943.550613
1.00000 -1.939038 -309.121880 -7.197342
-63.182887 -18.569625 -888.846974

COMB DB-G2-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 3.406763 112.892440 0.859983
658.345409 46.710707 2641.025
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.25000 3.406763 135.471396 0.859983
658.345409 49.198

0.75000 -4.210813 -600.779943 -11.776772
-234.314081 -48.781510 -229.188
1.00000 -4.10813 -73.35608 -11.776772
-234.314081 -41.665569 -2178.967

COMB DL-G2-3 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	9.241389	97.204836				7.098638
806.332503	80.450474	2923.046				
0.25000	9.241389	111.17878				7.098638
806.521164	77.951852	3362.357				
0.50000	9.241389	126.53253				7.098638
806.709824	76.001772	2438.589				
0.75000	9.241389	142.954108				7.098638
806.896845	78.472137	4382.531				
1.00000	9.241389	160.210849				7.098638
807.087145	81.224198	4871.356				

COMB DL-G2-3 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-6.397030	-767.835070				-11.124496
-630.384377	-87.511268	-3658.560				
0.25000	-6.397030	-740.759084				-11.124496
-630.384377	-80.960156	-3390.196				
0.50000	-6.397030	-714.212622				-11.124496
-630.384377	-76.001772	-2438.589				
0.75000	-6.397030	-688.447344				-11.124496
-630.384377	-72.433719	-3123.871				
1.00000	-6.397030	-663.755146				-11.124496
-630.384377	-70.297218	-3007.755				

COMB DB ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	4.593293	112.892440				8.182416
658.345409	73.953154	2873.061				
0.25000	4.593293	135.671396				8.182416
658.345409	70.912906	3248.645				
0.50000	4.593293	159.887770				8.182416
658.345409	68.978646	3638.619				
0.75000	4.593293	185.470783				8.182416
658.345409	71.600183	4042.550				
1.00000	4.593293	211.667298				8.182416
658.345409	75.522284	4446.027				

COMB DB ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-4.058542	-675.938844				-8.850813
-731.446146	-56.872357	-2526.320				
0.25000	-4.058542	-651.709755				-8.850813
-727.753322	-50.960156	-2339.589				
0.50000	-4.058542	-627.626594				-8.850813
-724.691304	-58.338060	-2651.424				
0.75000	-4.058542	-604.027605				-8.850813
-721.742933	-67.511268	-2264.064				
1.00000	-4.058542	-581.251240				-8.850813
-718.938290	-65.994494	-2176.884				
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	9.375702	99.346821				11.012580
807.601892	91.344886	2923.046				
0.25000	9.375702	114.864127				11.012580
807.785224	85.095083	3362.357				
0.50000	9.375702	131.914449				11.012580
807.968557	80.595765	3863.618				
0.75000	9.375702	150.121782				11.012580
808.151889	78.472137	4382.531				
1.00000	9.375702	169.311453				11.012580
808.335221	81.224198	4871.356				

COMB DL ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-6.735046	-767.835070				-11.776772
-877.059270	-87.511268	-3658.560				
0.25000	-6.735046	-740.759084				-11.776772
-875.304295	-80.960156	-3390.196				
0.50000	-6.735046	-714.212622				-11.776772
-873.635985	-77.947177	-3239.589				
0.75000	-6.735046	-688.447344				-11.776772
-872.084208	-76.001772	-2438.589				
1.00000	-6.735046	-663.755146				-11.776772
-870.673655	-81.177350	-3007.755				

COMB CAR ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	9.375702	112.892440				11.012580
807.601892	91.344886	2923.046				
0.25000	9.375702	135.471396				11.012580
807.785224	85.095083	3362.357				
0.50000	9.375702	159.887770				11.012580
807.968557	80.595765	3863.618				
0.75000	9.375702	185.207882				11.012580
808.151889	78.472137	4382.531				
1.00000	9.375702	211.667298				11.012580
808.335221	81.224198	4871.356				

COMB CAR ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-6.735046	-767.835070				-11.776772
-877.059270	-87.511268	-3658.560				
0.25000	-6.735046	-740.759084				-11.776772
-875.304295	-80.960156	-3390.196				
0.50000	-6.735046	-714.212622				-11.776772
-873.635985	-77.947177	-3239.589				
0.75000	-6.735046	-688.447344				-11.776772
-872.084208	-78.914172	-3123.871				
1.00000	-6.735046	-663.755146				-11.776772
-870.673655	-81.177350	-3007.755				

COMB DESIGN ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	9.375702	112.892440				11.012580
807.601892	91.344886	2923.046				
0.25000	9.375702	135.471396				11.012580
807.785224	85.095083	3362.357				
0.50000	9.375702	159.887770				11.012580
807.968557	80.595765	3863.618				
0.75000	9.375702	185.207882				11.012580
808.151889	78.472137	4382.531				
1.00000	9.375702	211.667298				11.012580
808.335221	81.224198	4871.356				

COMB DESIGN ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-6.735046	-767.835070				-11.776772
-877.059270	-87.511268	-3658.560				
0.25000	-6.735046	-740.759084				-11.776772
-875.304295	-80.960156	-3390.196				
0.50000	-6.735046	-714.212622				-11.776772
-873.635985	-77.947177	-3239.589				
0.75000	-6.735046	-688.447344				-11.776772
-872.084208	-78.914172	-3123.871				
1.00000	-6.735046	-663.755146				-11.776772
-870.673655	-81.177350	-3007.755				

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FRAME ELEMENT INTERNAL FORCES

ELEM 99 ----- LENGTH = 5.012245

COMB DB-G1-1 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.964989	8.392021				5.768748
10.200607	1.907591	1045.170				
0.25000	1.964989	8.750683				5.768748
11.255803	16.647454	1142.713				
0.50000	1.964989	9.147668				5.768748
12.369432	14.227578	1248.971				
0.75000	1.964989	9.553692				5.768748
13.531722	11.824844	1361.667				
1.00000	1.964989	10.007599				5.768748
14.878599	9.447389	1480.435				

COMB DB-G1-1 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-1.907580	-114.529165				-1.898608
-409.026448	-47.026755	-837.052231				
0.25000	-1.907580	-114.070093				-1.898608
-407.678012	-49.010170	-815.767366				
0.50000	-1.907580	-113.651239				-1.898608
-406.504363	-50.577804	-794.862502				
0.75000	-1.907580	-113.242150				-1.898608
-405.429888	-51.28562	-773.767638				
1.00000	-1.907580	-112.846578				-1.898608
-404.409804	-58.760615	-752.672774				

COMB DB-G1-2 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	3.682855	39.967403				7.101357
165.875498	41.455284	2366.004				
0.25000	3.682855	40.976639				7.101357
165.747033	38.016689	2515.641				
0.50000	3.682855	42.004433				7.101357
171.781325	34.597609	2708.834				
0.75000	3.682855	43.160531				7.101357
171.749847	31.225488	280.58718				
1.00000	3.682855	44.06675				7.101357
178.615079	27.913788	3204.635				

COMB DB-G1-2 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-2.829786	-262.960671				-2.573313
-660.971971	-63.810759	-1561.279				
0.25000	-2.829786	-261.700048				-2.573313
-657.295778	-64.917960	-1516.084				
0.50000	-2.829786	-260.58718				-2.573313
-654.141104	-67.534742	-1470.889				
0.75000	-2.829786	-259.423997				-2.573313
-651.214478	-71.198218	-1425.694				
1.00000	-2.829786	-258.336539				-2.573313
-648.437796	-76.189046	-1380.499				

COMB DB-G1-3 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	4.906548	125.267353				7.798912
347.882093	67.597670	389.889				
0.25000	4.906548	142.970916				7.798912
349.500398	64.871434	4276.304				
0.50000	4.906548	161.799199				7.798912
373.030272	63.030272	4515.142				
0.75000	4.906548	181.526466				7.798912
407.237340	62.437684	4855.194				
1.00000	4.906548	202.598808				7.798912
433.451361	60.620672	5175.955				

COMB DB-G1-3 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00						

0.75000 -6.358123 -567.793862 -9.607544
-727.053533 -83.695349 -2651.575
1.00000 -6.358123 -544.489995 -9.607544
-725.622686 -88.381190 -2546.578

COMB DESIGN ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 9.806851 166.582596
679.195757 82.866554 4970.816
0.25000 9.806851 190.265339 9.168321
679.380065 82.366595 5271.901
0.50000 9.806851 215.557409 9.168321
679.562447 83.936936 569.9234
0.75000 9.806851 242.102307 9.168321
679.746681 85.106144 6010.114
0.00000 9.806851 269.513078 9.168321
679.929989 88.048735 6337.673

COMB DESIGN ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -6.358123 -643.397734 -9.607544
-732.086346 -80.553334 -3008.073
0.25000 -6.358123 -617.523871 -9.607544
-730.319043 -79.622685 -2873.715
0.50000 -6.358123 -592.212336 -9.607544
-728.628069 80.378866 269.9234
0.75000 -6.358123 -567.793862 -9.607544
-727.053533 -83.695349 -2651.575
1.00000 -6.358123 -544.489995 -9.607544
-725.622686 -88.381190 -2546.578

ELEM 100 ----- LENGTH = 5.012019

COMB DB-G1-1 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 2.183932 10.966306 5.083008
48.220284 9.472423 1481.571
0.25000 2.183932 11.347205 5.083008
49.270142 8.133104 1543.283
0.50000 2.183932 11.748870 5.083008
50.381461 6.808190 1611.927
0.75000 2.183932 12.167563 5.083008
51.540003 5.503336 1686.705
1.00000 2.183932 12.633651 5.083008
52.886827 4.209706 1766.280

COMB DB-G1-1 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -1.682933 -87.924949 -3.124134
-314.445957 -58.370232 -752.643807
0.25000 -1.682933 -87.454359 -3.124134
-313.097586 -58.227561 -725.062817
0.50000 -1.682933 -87.027536 -3.124134
-311.927921 -59.261569 -697.507092
0.75000 -1.682933 -86.605858 -3.124134
-310.809676 -61.542715 -669.970592
1.00000 -1.682933 -86.201350 -3.124134
-309.767428 -64.959287 -642.440447

COMB DB-G1-2 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 4.071364 58.162520 6.333915
223.475401 28.048048 3206.139
0.25000 4.071364 59.209435 6.333915
226.332260 25.808471 3289.895
0.50000 4.071364 60.313599 6.333915
229.535649 23.071778 3380.777
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FRAME ELEMENT INTERNAL FORCES
REL DIST T M2 P M3 V2 V3
0.75000 4.071364 61.464643 6.333915
232.522941 21.447979 3566.097
1.00000 4.071364 62.301350 6.333915
236.184555 19.329054 3751.082

COMB DB-G1-2 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -2.559994 -212.544047 -3.975696
-553.101841 -76.050663 -1380.579
0.25000 -2.559994 -211.251984 -3.975696
-549.431762 -75.218706 -1328.240
0.50000 -2.559994 -210.071019 -3.975696
-546.245232 -74.051423 -1275.936
0.75000 -2.559994 -208.919138 -3.975696
-543.200136 -78.389887 -1223.650
1.00000 -2.559994 -207.807109 -3.975696
-540.394527 -82.014675 -1171.373

COMB DB-G1-3 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 5.426575 163.988418 7.809385
340.033896 63.052131 5176.841
0.25000 5.426575 182.366595 7.809385
348.592837 60.947764 5366.802
0.50000 5.426575 201.884026 7.809385
377.936961 59.701561 5556.585
0.75000 5.426575 222.01129 7.809385
404.932973 59.634765 5750.178
1.00000 5.426575 243.933908 7.809385
432.453103 60.315946 5937.135

COMB DB-G1-3 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -3.287315 -463.925203 -7.420916
-562.460332 -72.455901 -1862.729
0.25000 -3.287315 -441.993248 -7.420916
-533.013653 -71.203108 -1789.156
0.50000 -3.287315 -421.034335 -7.420916
-505.251008 -72.134646 -1715.614
0.75000 -3.287315 -400.600195 -7.420916
-487.220953 -74.112539 -1648.089
1.00000 -3.287315 -380.933908 -7.420916
-484.272971 -77.261076 -1568.572

COMB DB-G2-1 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 2.072907 136.906618 2.769136
350.201630 54.319447 2822.904
0.25000 2.072907 154.486738 2.769136
350.201630 54.814179 2946.150
0.50000 2.072907 173.675861 2.769136
350.201630 56.588965 3041.510
0.75000 2.072907 192.933966 2.769136
350.201630 59.514233 3103.635
1.00000 2.072907 212.635562 2.769136
350.201630 63.570497 3147.680

COMB DB-G2-1 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -1.483955 -315.049528 -5.481760
-96.321879 -10.055110 -732.855628
0.25000 -1.483955 -295.081196 -5.481760
-96.321879 -8.888318 -701.130279
0.50000 -1.483955 -274.757648 -5.481760
-96.321879 -7.772574 -669.044363
0.75000 -1.483955 -254.954178 -5.481760
-96.321879 -6.741078 -637.678447
1.00000 -1.483955 -235.992148 -5.481760

COMB DB-G2-2 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 3.999162 214.382660 3.886095
491.342699 79.366118 4855.720
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FRAME ELEMENT INTERNAL FORCES
REL DIST T M2 P M3 V2 V3
0.25000 3.999162 239.031269 3.886095
491.342699 79.081031 5028.431
0.50000 3.999162 265.252702 3.886095
491.342699 80.268769 5185.424
0.75000 3.999162 292.682086 3.886095
491.342699 83.053092 5330.416
1.00000 3.999162 320.337038 3.886095
491.342699 87.272059 5455.367

COMB DB-G2-2 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -2.325683 -505.341337 -6.890116
-219.335858 -16.628953 -1380.684
0.25000 -2.325683 -476.726317 -6.890116
-219.335858 -14.967554 -1322.604
0.50000 -2.325683 -448.438681 -6.890116
-219.335858 -13.306702 -1264.523
0.75000 -2.325683 -420.868258 -6.890116
-219.335858 -11.647342 -1206.443
1.00000 -2.325683 -394.393722 -6.890116
-219.335858 -9.898448 -1148.363

COMB DB-G2-3 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 5.407113 204.697721 6.818415
513.060312 81.491962 5660.576
0.25000 5.407113 226.815082 6.818415
513.060312 80.182952 5871.590
0.50000 5.407113 250.344687 6.818415
513.060312 80.198089 6068.841
0.75000 5.407113 274.958482 6.818415
513.060312 81.665300 6263.858
1.00000 5.407113 300.308535 6.818415
513.060312 84.427438 6446.945

COMB DB-G2-3 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -3.234255 -530.700682 -8.229920
-444.943207 -51.822877 -1661.055
0.25000 -3.234255 -505.028422 -8.229920
-444.943207 -50.353403 -1785.710
0.50000 -3.234255 -479.645139 -8.229920
-444.943207 -49.741375 -1710.394
0.75000 -3.234255 -454.904221 -8.229920
-444.943207 -49.996846 -1635.082
1.00000 -3.234255 -431.145988 -8.229920
-444.943207 -50.876118 -1559.780

COMB DL-G1-1 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 4.643164 15.775494 5.649254
39.336507 11.659193 1951.120
0.25000 4.643164 16.203451 5.649254
40.189293 9.846078 2024.402
0.50000 4.643164 16.429956 5.649254
41.117908 8.054931 2098.982
0.75000 4.643164 16.792171 5.649254
42.107919 6.326910 2175.371
1.00000 4.643164 17.171871 5.649254
43.143100 4.719905 2252.636

COMB DL-G1-1 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -3.121498 -114.002182 -2.857919
-341.901104 -63.449577 -1000.027
0.25000 -3.121498 -113.555499 -2.857919
-343.336574 -64.451140 -963.345155
0.50000 -3.121498 -113.311775 -2.857919
-340.016749 -66.020571 -926.734950
0.75000 -3.121498 -112.722926 -2.857919
-338.151988 -68.308545 -890.039517
1.00000 -3.121498 -112.337264 -2.857919
-338.374184 -71.275507 -853.304046
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-2 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 7.590557 61.453649 7.081549
222.674323 35.113127 3924.288
0.25000 7.590557 62.071857 7.081549
224.301129 32.240556 4043.823
0.50000 7.590557 62.742055 7.081549
226.073858 29.423117 4177.516
0.75000 7.590557 63.454853 7.081549
227.963786 26.871233 4334.357
1.00000 7.590557 64.201801 7.081549
229.939526 23.988997 4499.099

COMB DL-G1-2 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -4.619153 -250.388455 -3.847638
-570.674016 -88.008191 -1825.657
0.25000 -4.619153 -249.516380 -3.847638
-568.847062 -88.589802 -1756.452
0.50000 -4.619153 -248.673627 -3.847638
-567.104938 -89.784615 -1687.320
0.75000 -4.619153 -247.867303 -3.847638
-565.479514 -91.747871 -1618.095
1.00000 -4.619153 -247.108733 -3.847638
-563.999229 -94.312675 -1548.833

COMB DL-G1-3 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 10.072448 144.389502 8.220799
362.875661 71.209245 5950.072
0.25000 10.072448 158.760651 8.220799
382.158499 69.617471 6188.599
0.50000 10.072448 174.298755 8.220799
408.958732 68.609205 6378.547
0.75000 10.072448 190.762655 8.220799
437.649449 68.313131 6576.350
1.00000 10.072448 207.956793 8.220799
467.382202 68.557282 6749.971

COMB DL-G1-3 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -5.851563 -479.098111 -7.451493
-575.760169 -85.863344 -1811.811
0.25000 -5.851563 -458.706630 -7.451493
-552.044377 -84.423651 -2344.778
0.50000 -5.851563 -438.902526 -7.451493
-529.377340 -84.796039 -2267.613

0.75000 -5.851563 -419.886243 -7.451493
-508.611124 -86.142137 2170.331
0.25000 -5.851563 -401.889676 -7.451493
-505.385083 -88.278298 -2073.042

COMB DL-G2-1 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 4.118547 109.558259 2.507333
336.03980 86.232670 521.938
0.25000 4.118547 123.536472 2.507333
378.683400 61.834271 3101.355
0.50000 4.118547 138.610075 2.507333
546.00636 89.69693 583.171
0.75000 4.118547 154.256229 2.507333
359.685987 67.717477 3279.251
1.00000 4.118547 171.042465 2.507333
349.967935 71.579501 3320.634

COMB DL-G2-1 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -2.271882 -295.731874 -5.856954
-83.989219 -21.737059 869.834434
0.25000 -2.271882 -275.681707 -5.856954
-84.955629 -10.366395 -927.108237
0.50000 -2.271882 -256.093035 -5.856954
-85.937574 89.67846 895.384406
0.75000 -2.271882 -237.178661 -5.856954
-85.934717 -7.763305 -843.281708
1.00000 -2.271882 -219.213150 -5.856954
-7564717 -6.695188 -801.621571
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-2 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 7.085235 177.941996 3.615859
536.07143 86.232670 521.938
0.25000 7.085235 197.336778 3.615859
534.547461 87.409284 5408.105
0.50000 7.085235 218.247809 3.615859
536.00254 89.69693 583.171
0.75000 7.085235 240.379106 3.615859
534.914097 90.650463 5734.023
1.00000 7.085235 263.407429 3.615859
535.097415 96.428824 5848.874

COMB DL-G2-2 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -3.682199 -487.069625 -7.403262
-207.426548 -23.320477 1829.154
0.25000 -3.682199 -459.416253 -7.403262
-207.426548 -20.835692 -1752.336
0.50000 -3.682199 -432.463694 -7.403262
-207.426548 -18.717668 1675.511
0.75000 -3.682199 -406.508974 -7.403262
-207.426548 -16.689700 -1598.717
1.00000 -3.682199 -381.875672 -7.403262
-207.426548 -14.745470 -1521.951

COMB DL-G2-3 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 9.937283 174.938669 6.953641
539.956705 89.571084 6337.303
0.25000 9.937283 192.463984 6.953641
540.45351 89.355821 6582.266
0.50000 9.937283 211.234414 6.953641
540.333524 90.079953 6802.406
0.75000 9.937283 231.039322 6.953641
540.522642 91.622914 7003.841
1.00000 9.937283 251.901334 6.953641
540.711288 93.884935 7172.920

COMB DL-G2-3 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -6.563074 -533.796057 -8.557890
-437.678280 -63.232969 -2546.825
0.25000 -6.563074 -508.894219 -8.557890
-437.678280 -61.761633 -2444.569
0.50000 -6.563074 -484.623578 -8.557890
-437.678280 -60.982887 -2342.349
0.75000 -6.563074 -461.251582 -8.557890
-437.678280 -59.131182 -2190.923
1.00000 -6.563074 -439.069583 -8.557890
-437.678280 -60.713579 -2059.740

COMB DB ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 5.426575 214.382660 7.809385
513.060312 81.491962 5669.576
0.25000 5.426575 239.031269 7.809385
513.060312 80.182952 5871.590
0.50000 5.426575 265.252702 7.809385
513.060312 80.268769 6068.841
0.75000 5.426575 292.682086 7.809385
513.060312 83.053092 6263.858
1.00000 5.426575 320.337038 7.809385
513.060312 87.272059 6446.945

COMB DB ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -3.287315 -463.925203 -7.420916
-562.460332 -72.455901 -1862.729
0.25000 -3.287315 -441.993248 -7.420916
-533.013653 -71.203108 -1789.156
0.50000 -3.287315 -421.034335 -7.420916
-505.251008 -72.134646 -1715.614
0.75000 -3.287315 -400.600195 -7.420916
-487.220953 -74.112539 -1648.089
1.00000 -3.287315 -380.933908 -7.420916
-484.272971 -77.261076 -1568.572

FRAME ELEMENT INTERNAL FORCES
COMB DL ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 10.072448 144.389502 8.220799
362.875661 71.209245 5950.072
0.25000 10.072448 158.760651 8.220799
382.158499 69.617471 6188.599
0.50000 10.072448 174.298755 8.220799
408.958732 68.609205 6378.547
0.75000 10.072448 190.762655 8.220799
437.649449 68.313131 6576.350
1.00000 10.072448 207.956793 8.220799
467.382202 68.557282 6749.971

COMB DL ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -5.851563 -479.098111 -7.451493
-575.760169 -85.863344 -1811.811
0.25000 -5.851563 -458.706630 -7.451493
-552.044377 -84.423651 -2344.778
0.50000 -5.851563 -

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V3
0.75000	-2.866382	-293.296332		-7.999502
-416.573241	-77.307363	-1345.950		-7.999502
1.00000	-2.866382	-303.222053		-7.999502
-408.080317	-79.978205	-1271.722		

COMB DB-G2-1 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	2.141026	161.964788		3.334891
245.036983	63.713467	3146.984		3.334891
2.50000	2.141026	180.168997		3.334891
245.036983	63.738761	3220.069		3.334891
0.00000	2.141026	199.554698		3.334891
245.036983	64.997433	3262.271		3.334891
0.75000	2.141026	219.803475		3.334891
245.036983	67.487488	3278.190		3.334891
1.00000	2.141026	240.045538		3.334891
245.036983	71.159778	3271.531		

COMB DB-G2-1 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-1.267721	-287.246755		-5.253401
-189.191633	-5.998537	-606.053099		-5.253401
0.25000	-1.267721	-266.771708		-5.253401
-189.191633	-5.510855	-577.179081		-5.253401
0.50000	-1.267721	-248.974070		-5.253401
-189.191633	-5.237447	-545.305063		-5.253401
0.75000	-1.267721	-225.724000		-5.253401
-189.191633	-4.972482	-519.451045		-5.253401
1.00000	-1.267721	-206.336868		-5.253401
-189.191633	-4.559763	-490.557027		

COMB DB-G2-2 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	4.152673	261.020255		4.513433
366.689590	87.563854	5454.752		4.513433
0.25000	4.152673	286.514139		4.513433
366.689590	86.787858	5537.468		4.513433
0.50000	4.152673	313.056466		4.513433
366.689590	87.503917	5593.526		4.513433
0.75000	4.152673	341.762841		4.513433
366.689590	89.873680	5642.717		4.513433
1.00000	4.152673	370.757263		4.513433
366.689590	93.718673	5766.200		

COMB DB-G2-2 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-2.031878	-451.936284		-6.669869
-323.708436	-5.510855	-1048.569		-6.669869
0.25000	-2.031878	-422.638216		-6.669869
-323.708436	-9.225373	-1093.393		-6.669869
0.50000	-2.031878	-393.712836		-6.669869
-323.708436	-8.508288	-1039.303		-6.669869
0.75000	-2.031878	-365.541218		-6.669869
-323.708436	-7.793001	-984.669532		-6.669869
1.00000	-2.031878	-338.492010		-6.669869
-323.708436	-7.087488	-930.036468		

COMB DB-G2-3 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	5.615692	263.903908		7.240296
461.887562	94.797769	5448.806		7.240296
0.25000	5.615692	286.514139		7.240296
461.887562	93.530108	5530.408		7.240296
0.50000	5.615692	311.042640		7.240296
461.887562	94.797769	5593.526		7.240296
0.75000	5.615692	336.357672		7.240296
461.887562	95.186742	5662.871		7.240296
1.00000	5.615692	362.369489		7.240296
461.887562	98.107587	5720.920		

COMB DB-G2-3 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-2.817358	-455.912891		-8.471848
-465.550191	-50.732198	-1559.925		-8.471848
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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V3
0.25000	-2.817358	-429.628415		-8.471848
-465.550191	-49.663489	-1485.977		-8.471848
0.50000	-2.817358	-403.671606		-8.471848
-465.550191	-49.426794	-1411.030		-8.471848
0.75000	-2.817358	-378.391126		-8.471848
-465.550191	-50.157259	-1338.082		-8.471848
1.00000	-2.817358	-354.118602		-8.471848
-465.550191	-51.573338	-1264.135		

COMB DL-G1-1 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	4.511741	34.620819		4.770504
127.841549	5.334963	2253.342		4.770504
0.25000	4.511741	34.957455		4.770504
128.662099	4.495415	2263.081		4.770504
0.50000	4.511741	35.320388		4.770504
129.556948	3.701929	2274.743		4.770504
0.75000	4.511741	35.705260		4.770504
130.516348	3.031821	2287.000		4.770504
1.00000	4.511741	36.106950		4.770504
131.517549	2.531644	2300.051		

COMB DL-G1-1 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-2.771626	-75.192436		-3.500543
-206.541499	-71.526575	-853.203959		-3.500543
0.25000	-2.771626	-74.764050		-3.500543
-205.547853	-71.129901	-819.099022		-3.500543
0.50000	-2.771626	-74.350873		-3.500543
-204.599686	-72.004433	-772.990286		-3.500543
0.75000	-2.771626	-73.957415		-3.500543
-203.711817	-72.031272	-732.548929		-3.500543
1.00000	-2.771626	-73.587681		-3.500543
-202.900057	-75.465520	-692.738856		

COMB DL-G1-2 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	7.487992	100.033652		6.102410
325.247719	24.819547	4499.955		6.102410
0.25000	7.487992	100.697204		6.102410
326.808375	23.008951	4502.807		6.102410
0.50000	7.487992	101.293381		6.102410
328.514324	21.266264	4519.367		6.102410
0.75000	7.487992	102.169642		6.102410
330.335802	19.592047	4555.714		6.102410
1.00000	7.487992	102.969182		6.102410
332.241139	18.162135	4604.077		

COMB DL-G1-2 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-4.145728	-180.656329		-4.607561
-412.866389	-81.818414	-1948.968		-4.607561
0.25000	-4.145728	-179.816023		-4.607561
-410.978820	-93.793696	-1475.844		-4.607561
0.50000	-4.145728	-178.998511		-4.607561
-409.177423	-93.754064	-1402.941		

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V3
0.75000	-4.145728	-178.223003		-4.607561
-407.491507	-94.506084	-1329.863		-4.607561
1.00000	-4.145728	-177.749314		-4.607561
-405.952394	-96.088643	-1256.789		

COMB DL-G1-3 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	9.918303	198.270063		7.685990
367.689595	98.620999	5448.806		7.685990
0.25000	9.918303	213.781345		7.685990
389.531526	68.612572	6821.151		7.685990
0.50000	9.918303	230.426848		7.685990
413.111049	68.024261	6875.182		7.685990
0.75000	9.918303	248.022275		7.685990
439.935547	67.976593	6907.709		7.685990
1.00000	9.918303	266.306326		7.685990
467.112630	68.487500	6921.772		
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-5.229238	-383.666586		-7.571706
-488.919570	-88.586303	-2073.188		-7.571706
0.25000	-5.229238	-363.993750		-7.571706
-462.903602	-87.692283	-1975.041		-7.571706
0.50000	-5.229238	-344.920680		-7.571706
-437.974107	-87.470223	-1876.873		-7.571706
0.75000	-5.229238	-326.680325		-7.571706
-414.911995	-88.052176	-1778.670		-7.571706
1.00000	-5.229238	-309.477842		-7.571706
-397.813678	-89.444904	-1680.489		

COMB DL-G2-1 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	4.004448	132.711568		3.096092
258.406352	72.105846	3320.841		3.096092
0.25000	4.004448	147.919059		3.096092
253.377224	72.817944	3392.617		3.096092
0.50000	4.004448	164.191890		3.096092
247.194679	74.194679	3433.710		3.096092
0.75000	4.004448	181.313320		3.096092
241.449315	76.435793	3441.408		3.096092
1.00000	4.004448	199.004618		3.096092
234.553263	79.169316	3417.479		

COMB DL-G2-1 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-2.005080	-256.384431		-4.941973
-172.294529	-7.042603	-801.694106		-4.941973
0.25000	-2.005080	-237.112847		-4.941973
-176.982477	-6.556523	-763.297577		-4.941973
0.50000	-2.005080	-218.317038		-4.941973
-181.060267	-6.105416	-725.109304		-4.941973
0.75000	-2.005080	-200.508000		-4.941973
-184.488717	-5.687251	-686.945406		-4.941973
1.00000	-2.005080	-183.134386		-4.941973
-187.309740	-5.340754	-648.787624		

COMB DL-G2-2 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	7.005243	221.861538		4.266600
382.674619	97.193862	5448.221		4.266600
0.25000	7.005243	242.877721		4.266600
382.674619	97.451375	5596.646		4.266600
0.50000	7.005243	265.379595		4.266600
382.810790	98.419849	5591.831		4.266600
0.75000	7.005243	289.107379		4.266600
382.940990	100.243995	6019.551		4.266600
1.00000	7.005243	313.649388		4.266600
383.177390	102.893116	6013.551		

COMB DL-G2-2 ----- MIN

0.00000	-3.296652	-415.127345	-6.370448
-300.029143	-15.008607	-1522.196	
0.25000	-3.296652	-388.499245	-6.370448
-299.845843	-13.874331	-1449.727	
0.50000	-3.296652	-362.599198	-6.370448
-299.798714	-12.772178	-1377.206	
0.75000	-3.296652	-337.758589	-6.370448
-299.798714	-11.741243	-1304.747	
1.00000	-3.296652	-314.263663	-6.370448
-299.798714	-10.893973	-1232.297	
COMB DL-G2-3 ----- MAX			

0.75000 -2.381204 -43.600075 -3.687428
-91.672270 -75.483081 -568.523117
1.00000 -2.000000 -43.600075 -3.687428
-90.829025 -76.706348 -527.225993
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 6.997200 157.305160 5.129308
478.185260 18.794740 4603.817
0.25000 6.997200 158.011873 5.129308
479.657472 17.534263 4485.774
0.50000 6.997200 158.777191 5.129308
481.273476 16.380438 4375.518
0.75000 6.997200 159.570530 5.129308
483.003734 15.447422 4286.391
1.00000 6.997200 160.406481 5.129308
484.816580 14.606940 4209.200

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -3.588067 -122.233898 -4.854495
-278.790256 -96.697667 -1258.727
0.25000 -3.588067 -121.420590 -4.854495
-276.840510 -95.088661 -1182.276
0.50000 -3.588067 -120.637685 -4.854495
-274.975161 -94.154928 -1101.791
0.75000 -3.588067 -119.893468 -4.854495
-273.225637 -94.165475 -1033.327
1.00000 -3.588067 -119.197067 -4.854495
-271.620548 -94.807078 -958.887282

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.263366 329.400479 6.952655
452.135845 68.185260 592.11684
0.25000 9.263366 329.400479 6.952655
463.526776 67.903635 6830.777
0.50000 9.263366 329.400479 6.952655
484.741965 67.903635 305.334627
0.75000 9.263366 329.400479 6.952655
507.770218 67.389587 6582.830
1.00000 9.263366 343.397819 6.952655
531.816505 67.787910 6429.198

COMB DL-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.511382 -303.073116 -7.339673
-460.021829 -90.009249 680.554
0.25000 -4.511382 -284.095488 -7.339673
-431.520499 -88.421151 -1581.954
0.50000 -4.511382 -265.774775 -7.339673
-404.077497 -87.518067 -1483.319
0.75000 -4.511382 -248.293812 -7.339673
-378.501530 -87.516464 -1384.591
1.00000 -4.511382 -231.871738 -7.339673
-356.442117 -88.107422 -1285.988

COMB DL-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 3.710344 157.587509 3.265007
134.598100 79.236689 3417.756
0.25000 3.710344 173.915034 3.265007
133.668225 70.077214 3427.558
0.50000 3.710344 191.337186 3.265007
132.153329 79.555281 3404.585
0.75000 3.710344 209.586488 3.265007
1.00000 3.710344 228.475327 3.265007
127.287781 82.807064 3259.774

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -1.713814 -230.049831 -4.129239
-287.438972 -5.615973 -648.894162
0.25000 -1.713814 -204.530878 -4.129239
-296.227369 -10.207413 -611.765143
0.50000 -1.713814 -186.515085 -4.129239
-304.429845 -5.031993 -574.697033
0.75000 -1.713814 -169.224682 -4.129239
-312.007403 -4.344603 -537.481926
1.00000 -1.713814 -152.916816 -4.129239
-319.001737 -4.782253 -502.429690
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 6.565062 271.683656 4.447640
251.845894 102.822392 3813.905
0.25000 6.565062 294.193292 4.447640
251.845894 102.811460 3893.705
0.50000 6.565062 318.231646 4.447640
251.845894 102.324757 5916.797
0.75000 6.565062 343.459224 4.447640
251.845894 102.811460 5921.959
1.00000 6.565062 369.637721 4.447640
251.845894 105.046435 5692.246

COMB DL-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -2.846806 -325.129508 -5.467076
-439.261742 -10.946628 -1232.536
0.25000 -2.846806 -327.520354 -5.467076
-439.078420 -10.268063 -1181.377
0.50000 -2.846806 -302.667036 -5.467076
-438.895098 -9.657558 -1090.298
0.75000 -2.846806 -278.882489 -5.467076
-438.711776 -9.240202 -1010.023
1.00000 -2.846806 -256.479150 -5.467076
-438.528458 -8.864444 -947.904264

COMB DL-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.145041 301.489183 6.615876
433.714111 97.886026 7364.791
0.25000 9.145041 321.759847 6.615876
433.714111 96.909015 7289.869
0.50000 9.145041 343.654939 6.615876
433.714111 96.615683 7182.150
0.75000 9.145041 366.123060 6.615876
433.714111 97.239909 7052.056
1.00000 9.145041 389.696992 6.615876
433.714111 98.659004 6893.313

COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.289276 -355.310941 -7.398481
-490.367814 -8.188989 -1669.482
0.25000 -4.289276 -332.249819 -7.398481
-490.179164 -59.055404 -1572.134
0.50000 -4.289276 -309.869772 -7.398481
-489.990514 -58.949689 -1474.835

0.75000 -4.289276 -288.451867 -7.398481
-489.801864 -58.180502 -1377.398
1.00000 -4.289276 -268.278210 -7.398481
-489.613219 -58.463092 -1280.195

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.00000 5.453953 329.400479 7.488226
459.639968 93.638890 572.150
0.25000 5.453953 352.914067 7.488226
462.454675 92.821551 6674.023
0.50000 5.453953 377.799070 7.488226
464.400680 93.404060 6749.16
0.75000 5.453953 403.727749 7.488226
470.297027 95.555005 6537.595
1.00000 5.453953 430.350624 7.488226
509.719510 98.959964 6447.681

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.00000 -2.427089 -398.474563 -8.177682
-501.411282 -85.928121 -1271.734
0.25000 -2.427089 -368.477720 -8.177682
-501.411282 -84.529542 -1197.128
0.50000 -2.427089 -338.810704 -8.177682
-501.411282 -84.476938 -1122.522
0.75000 -2.427089 -309.856089 -8.177682
-501.411282 -85.943439 -1047.916
1.00000 -2.427089 -281.964177 -8.177682
-501.411282 -86.639518 -973.309486
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.00000 9.263366 301.489103 6.952655
478.185260 102.822392 7364.791
0.25000 9.263366 321.759847 6.952655
479.657472 102.211460 7289.869
0.50000 9.263366 343.405536 6.952655
484.741965 102.811460 7182.150
0.75000 9.263366 366.123060 6.952655
507.770218 103.352870 7052.056
1.00000 9.263366 389.696992 6.952655
531.816505 105.046435 6893.313

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.511382 -355.310941 -7.398481
-490.367814 -96.697667 -1680.554
0.25000 -4.511382 -332.249819 -7.398481
-490.179164 -95.088661 -1581.954
0.50000 -4.511382 -309.869772 -7.398481
-489.990514 -94.154928 -1483.319
0.75000 -4.511382 -288.451867 -7.398481
-489.801864 -94.165475 -1384.591
1.00000 -4.511382 -268.278036 -7.398481
-489.613219 -94.807078 -1285.988

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 9.263366 329.400479 7.488226
478.185260 102.822392 7364.791
0.25000 9.263366 352.914067 7.488226
479.657472 102.211460 7289.869
0.50000 9.263366 377.799070 7.488226
484.741965 102.324757 7182.150
0.75000 9.263366 403.727749 7.488226
507.770218 103.352870 7052.056
1.00000 9.263366 430.350624 7.488226
531.816505 105.046435 6893.313

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.511382 -398.474563 -8.177682
-501.411282 -96.697667 -1680.554
0.25000 -4.511382 -368.477221 -8.177682
-501.411282 -95.088661 -1581.954
0.50000 -4.511382 -338.810704 -8.177682
-501.411282 -94.154928 -1483.319
0.75000 -4.511382 -309.856089 -8.177682
-501.411282 -94.165475 -1384.591
1.00000 -4.511382 -281.964177 -8.177682
-501.411282 -94.807078 -1285.988

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 9.263366 329.400479 7.488226
478.185260 102.822392 7364.791
0.25000 9.263366 352.914067 7.488226
479.657472 102.211460 7289.869
0.50000 9.263366 377.799070 7.488226
484.741965 102.324757 7182.150
0.75000 9.263366 403.727749 7.488226
507.770218 103.352870 7052.056
1.00000 9.263366 430.350624 7.488226
531.816505 105.046435 6893.313

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.00000 -4.511382 -398.474563 -8.177682
-501.411282 -96.697667 -1680.554
0.25000 -4.511382 -368.477221 -8.177682
-501.411282 -95.088661 -1581.954
0.50000 -4.511382 -338.810704 -8.177682
-501.411282 -94.154928 -1483.319
0.75000 -4.511382 -309.856089 -8.177682
-501.411282 -94.165475 -1384.591
1.00000 -4.511382 -281.964177 -8.177682
-501.411282 -94.807078 -1285.988

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FRAME ELEMENT INTERNAL FORCES

ELEM 103 ===== LENGTH = 5.012269

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.179407 90.202668 2.566154
374.818399 92.077993 8770.737
0.25000 9.179407 90.612729 2.566154
375.059616 1.875895 1606.283
0.50000 9.179407 91.044019 2.566154
376.018399 1.732421 1512.743
0.75000 9.179407 91.493088 2.566154
377.203587 1.601648 1415.489
1.00000 9.179407 91.989531 2.566154
378.509881 1.655303 1323.544

COMB DB-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.994060 -28.693506 -4.205291
-54.677243 73.805870 -396.493994
0.25000 -0.994060 -28.191573 -4.205291

-53.373243 -71.728720 -365.089832
0.50000 -0.994060 -27.729717
-52.254444 -70.518906 -333.686669
0.75000 -0.994060 -27.275614 -4.205291
-51.176339 -70.076779 -302.281507
1.00000 -0.994060 -26.832356 -4.205291
-50.148028 -70.556168 -270.896532

COMB DB-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 3.661697 205.841128 3.424131
593.215507 11.819356 3667.489
0.25000 3.661697 206.968993 3.424131
595.886000 10.981134 3453.882
0.50000 3.661697 208.154585 3.424131
598.678862 10.165264 3257.076
0.75000 3.661697 209.388529 3.424131
601.672042 9.381642 3090.624
1.00000 3.661697 210.753080 3.424131
605.227556 8.642285 2951.504

COMB DB-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -1.582246 -78.117688 -5.230464
-249.051536 -89.306291 -724.657892
0.25000 -1.582246 -74.719265 -5.230464
-245.501905 -86.504916 -668.021947
0.50000 -1.582246 -75.468430 -5.230464
-242.453160 -84.733651 -611.386003
0.75000 -1.582246 -74.219265 -5.230464
-238.516479 -82.939185 -554.750059
1.00000 -1.582246 -72.999993 -5.230464
-236.717383 -84.121707 -498.133355

COMB DB-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 4.880016 361.578315 5.585102
551.658991 62.136130 5894.713
0.25000 4.880016 381.615027 5.585102
551.658991 62.136130 5894.713
0.50000 4.880016 402.778560 5.585102
551.658991 59.307428 5448.888
0.75000 4.880016 424.852499 5.585102
555.949793 58.997574 524.432
1.00000 4.880016 448.281869 5.585102
577.338109 59.266231 4943.172

COMB DB-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -1.973797 -271.536754 -6.866550
-496.640171 -82.705866 -973.288493
0.25000 -1.973797 -247.752710 -6.866550
-462.561131 -80.026772 -898.532469
0.50000 -1.973797 -224.844993 -6.866550
-436.886492 -78.280950 -823.776444
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.75000 -1.973797 -202.304390 -6.866550
-408.525687 -77.232223 -749.020420
1.00000 -1.973797 -180.337441 -6.866550
-391.745340 -77.444441 -674.281696

COMB DB-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.849008 212.507182 3.685195
42.775045 77.051701 3198.071
0.25000 1.849008 231.952403 3.685195
42.775045 75.667081 3162.231
0.50000 1.849008 252.624470 3.685195
42.775045 75.032969 3092.295
0.75000 1.849008 274.233487 3.685195
42.775045 75.108646 2985.104
1.00000 1.849008 295.522770 3.685195
42.775045 76.015546 2839.170

COMB DB-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.850515 -230.722728 -8.282933
-403.837468 -3.915569 -378.89091
0.25000 -0.850515 -208.552683 -8.282933
-408.837468 -3.606564 -351.056937
0.50000 -0.850515 -185.869455 -8.282933
-403.837468 -3.919220 -324.214930
0.75000 -0.850515 -163.530439 -8.282933
-408.837468 -3.134562 -295.372924
1.00000 -0.850515 41.824823 -8.282933
-408.837468 -2.984168 -267.530917

COMB DB-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 3.578908 360.177088 4.832305
180.865593 98.542542 5502.033
0.25000 3.578908 387.247174 4.832305
180.865593 96.263163 5374.315
0.50000 3.578908 415.924585 4.832305
180.865593 95.015085 5212.638
0.75000 3.578908 443.648993 4.832305
180.865593 94.733242 5023.783
1.00000 3.578908 476.733579 4.832305
180.865593 95.484800 4602.684

COMB DB-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -1.402566 -340.650371 -8.325287
-589.077826 -5.720215 -716.170123
0.25000 -1.402566 -309.228124 -8.325287
-589.077826 -5.936335 -662.753063
0.50000 -1.402566 -277.953567 -8.325287
-589.077826 -5.406889 -609.336009
0.75000 -1.402566 -247.166292 -8.325287
-589.077826 -5.533395 -555.918954
1.00000 -1.402566 -217.194070 -8.325287
-589.077826 -5.100915 -502.501900

COMB DB-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 4.850567 401.470615 5.965243
443.041463 91.549829 6447.851
0.25000 4.850567 425.762384 5.965243
443.041463 82.456049 6245.660
0.50000 4.850567 451.497390 5.965243
443.041463 87.957645 6016.543
0.75000 4.850567 478.372206 5.965243
443.041463 87.697693 5769.559
1.00000 4.850567 506.061233 5.965243
443.041463 88.002268 5497.983

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -1.937778 -327.088331 -6.267899
-577.633410 -53.600086 -969.792076
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.25000 -1.937790 -298.895678 -6.267899
-577.633410 -52.085930 -896.13585
0.50000 -1.937790 -270.828410 -6.267899
-577.633410 -51.065376 -822.475843
0.75000 -1.937790 -243.198295 -6.267899
-577.633410 -50.844310 -739.9102
1.00000 -1.937790 -216.300176 -6.267899
-577.633410 -51.029678 -675.169522

COMB DL-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 3.628916 112.844523 2.207137
444.311851 2.236649 2072.586
0.25000 3.628916 113.226047 2.207137
445.035477 2.114974 1949.184
0.50000 3.628916 113.634089 2.207137
445.834723 2.060198 1826.432
0.75000 3.628916 114.056825 2.207137
446.699166 2.040550 1703.820
1.00000 3.628916 114.517441 2.207137
447.600225 2.127334 1581.215

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -1.958650 -38.527315 -3.961401
-64.942028 -77.218432 -527.08814
0.25000 -1.958650 -38.130593 -3.961

0.75000 -2.347780 -224.169168 -3.455153
-625.145632 -7.387588 -735.480592
1.00000 -2.347780 -224.169168 -3.455153
-624.962323 -7.109251 -664.679395
COMB DL-G2-3 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 8.015374 389.181690 5.729449
491.166237 90.481947 57.97.193
0.25000 0.015374 41.010268 5.729449
491.166237 95.159995 6654.341
0.50000 0.015374 434.236530 5.729449
491.166237 90.481947 57.97.193
0.75000 0.015374 458.681577 5.729449
491.166237 91.470080 6070.629
1.00000 0.015374 484.124646 5.729449
491.166237 90.481947 57.97.193
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-3 ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -3.535656 -295.061198 -5.795471
-616.768899 -58.882086 -1280.301
0.25000 -3.535656 -272.894246 -5.795471
-616.580263 -56.681334 -1182.943
0.50000 -3.535656 -251.389004 -5.795471
-616.391626 -54.876475 -1085.587
0.75000 -3.535656 -230.855584 -5.795471
-616.202990 -53.402317 -988.178644
1.00000 -3.535656 -211.940720 -5.795471
-616.014354 -52.249434 -890.860890
COMB DB ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 4.880016 401.470615 5.965243
593.215507 94.745422 544.7181
0.25000 4.880016 425.762384 5.965243
595.868000 96.263163 6245.260
0.50000 4.880016 451.497390 5.965243
598.679862 97.111333 458.681577
0.75000 4.880016 478.372206 5.965243
601.672042 94.732342 5768.059
1.00000 4.880016 506.061233 5.965243
605.227556 95.484800 5497.983
COMB DB ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -1.973797 -340.650371 -8.686550
-589.077826 -89.306291 -973.288493
0.25000 -1.973797 -309.228124 -8.686550
-589.077826 -86.504916 -898.532469
0.50000 -1.973797 -277.953567 -8.686550
-589.077826 -84.736551 -823.776444
0.75000 -1.973797 -246.681577 -8.686550
-589.077826 -83.939185 -792.020420
1.00000 -1.973797 -217.194070 -8.686550
-589.077826 -84.121707 -675.169522
COMB DL ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 8.111133 389.181690 5.729449
674.011847 104.088946 6893.739
0.25000 8.111133 401.470615 5.729449
675.373840 101.415070 6654.341
0.50000 8.111133 434.236530 5.729449
676.881567 99.349623 6377.022
0.75000 8.111133 458.681577 5.729449
678.506673 97.872387 6070.629
1.00000 8.111133 484.124646 5.729449
680.218547 96.943821 5737.193
COMB DL ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -3.719145 -295.471481 -8.646413
-625.995559 -95.674588 -1285.997
0.25000 -3.719145 -272.894246 -8.646413
-625.512250 -92.046207 -1187.308
0.50000 -3.719145 -251.389044 -8.646413
-625.328941 -88.982017 -1088.523
0.75000 -3.719145 -230.855584 -8.646413
-625.145632 -86.468742 -990.537133
1.00000 -3.719145 -211.530063 -8.646413
-624.962323 -84.467842 -893.049511
COMB CAR ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 8.111133 401.470615 5.965243
674.011847 104.088946 6893.739
0.25000 8.111133 425.762384 5.965243
675.373840 101.415070 6654.341
0.50000 8.111133 451.497390 5.965243
676.881567 99.349623 6377.022
0.75000 8.111133 478.372206 5.965243
678.506673 97.872387 6070.629
1.00000 8.111133 506.061233 5.965243
680.218547 96.943821 5737.193
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB CAR ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -3.719145 -340.650371 -8.686550
-625.995559 -95.674588 -1285.997
0.25000 -3.719145 -309.228124 -8.686550
-625.512250 -92.046207 -1187.308
0.50000 -3.719145 -277.953567 -8.686550
-625.328941 -88.982017 -1088.523
0.75000 -3.719145 -247.166292 -8.686550
-625.145632 -86.468742 -990.537133
1.00000 -3.719145 -217.194070 -8.686550
-624.962323 -84.467842 -893.049511
COMB DESIGN ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 8.111133 401.470615 5.965243
674.011847 104.088946 6893.739
0.25000 8.111133 425.762384 5.965243
675.373840 101.415070 6654.341
0.50000 8.111133 451.497390 5.965243
676.881567 99.349623 6377.022
0.75000 8.111133 478.372206 5.965243
678.506673 97.872387 6070.629
1.00000 8.111133 506.061233 5.965243
680.218547 96.943821 5737.193
COMB DESIGN ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -3.719145 -340.650371 -8.686550
-625.995559 -95.674588 -1285.997
0.25000 -3.719145 -309.228124 -8.686550
-625.512250 -92.046207 -1187.308
0.50000 -3.719145 -277.953567 -8.686550
-625.328941 -88.982017 -1088.523

0.75000 -3.719145 -247.166292 -8.686550
-625.145632 -86.468742 -990.537133
1.00000 -3.719145 -217.194070 -8.686550
-624.962323 -84.467842 -893.049511
ELEM 104 ----- LENGTH = 5.012256
COMB DB-G1-1 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 1.601292 118.635961 0.239443
475.063852 1.870844 1321.871
0.25000 1.601292 119.061506 0.239443
475.852172 1.590169 1179.224
0.50000 1.601292 119.513869 0.239443
476.890121 1.326500 1035.358
0.75000 1.601292 119.990442 0.239443
477.995254 1.493483 892.806000
1.00000 1.601292 120.520782 0.239443
479.282589 1.664874 751.422387
COMB DB-G1-1 ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -0.759335 -27.655230 -5.775398
-55.405422 -71.314875 -270.726636
0.25000 -0.759335 -26.117456 -5.775398
-55.405422 -65.049297 -231.769924
0.50000 -0.759335 -26.599324 -5.775398
-52.830843 -59.164920 -208.813212
0.75000 -0.759335 -26.117456 -5.775398
-51.709499 -53.666236 -177.856500
1.00000 -0.759335 -25.652099 -5.775398
-50.146327 -48.602818 -146.899788
COMB DB-G1-2 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 2.963978 260.452298 0.862921
697.818649 9.209997 2949.206
0.25000 2.963978 261.623013 0.862921
698.742673 8.17142674 261.623013
0.50000 2.963978 262.867584 0.862921
702.571630 7.164663 2346.359
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DI ST P M2 M3 V2 V3
0.75000 2.963978 264.178768 0.862921
705.58146 6.381968 2068.587
1.00000 2.963978 265.635147 0.862921
709.087565 5.935562 1819.757
COMB DB-G1-2 ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -1.214096 -56.539242 -6.975278
-258.095160 -85.090718 -497.961965
0.25000 -1.214096 -55.044894 -6.975278
-254.357851 -77.572249 -441.865944
0.50000 -1.214096 -53.629099 -6.975278
-251.072761 -70.453697 -385.769923
0.75000 -1.214096 -52.313877 -6.975278
-246.826956 -63.742978 -327.673901
1.00000 -1.214096 -51.025990 -6.975278
-243.759273 -57.532055 -273.577880
COMB DB-G1-3 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 3.972599 439.930168 4.254712
645.426971 59.159444 4941.911
0.25000 3.972599 441.116556 4.254712
645.426971 54.476350 4582.904
0.50000 3.972599 483.682724 4.254712
646.26971 50.101774 408.898
0.75000 3.972599 507.458459 4.254712
645.426971 46.005314 3773.379
1.00000 3.972599 532.908999 4.254712
652.331761 42.560690 3334.770
COMB DB-G1-3 ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -1.508728 -216.096451 -6.413718
-582.446349 -70.337908 -674.231249
0.25000 -1.508728 -189.804165 -6.413718
-533.895998 -71.396725 -599.728048
0.50000 -1.508728 -163.946194 -6.413718
-496.300346 -64.818919 -525.424646
0.75000 -1.508728 -139.498938 -6.413718
-476.628929 -58.614766 -450.721645
1.00000 -1.508728 -116.169910 -6.413718
-464.357946 -52.662232 -376.218444
COMB DB-G2-1 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 1.523894 249.188673 5.302445
33.570122 75.395370 2840.680
0.25000 1.523894 270.242459 5.302445
33.570122 69.621400 2722.801
0.50000 1.523894 292.746757 5.302445
33.570122 64.177692 2568.081
0.75000 1.523894 316.460873 5.302445
33.570122 59.024118 2369.644
1.00000 1.523894 340.600017 5.302445
33.570122 54.393755 2124.169
COMB DB-G2-1 ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -0.646579 -185.053394 -0.325198
-499.413694 -2.961984 -267.666809
0.25000 -0.646579 -179.855182 -0.325198
-499.413694 -2.744477 -239.463979
0.50000 -0.646579 -133.691498 -0.325198
-499.413694 -2.500677 -211.261153
0.75000 -0.646579 -108.685608 -0.325198
-499.413694 -2.358194 -183.058327
1.00000 -0.646579 -85.433988 -0.325198
-499.413694 -2.258826 -154.855500
COMB DB-G2-2 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 2.921387 424.728018 6.678506
171.586970 94.754623 4804.328
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DI ST P M2 M3 V2 V3
0.25000 2.921387 453.728870 6.678506
171.586970 87.427807 454.784
0.50000 2.921387 484.655568 6.678506
171.586970 80.551830 4230.511
0.75000 2.921387 517.243559 6.678506
171.586970 73.914210 3879.322
1.00000 2.921387 551.184502 6.678506
171.586970 67.939778 3490.417
COMB DB-G2-2 ----- MIN

REL DI ST P M2 M3 V2 V3
0.00000 -1.072171 -263.985803 -0.570390
-706.102066 -4.794009 -502.686295
0.25000 -1.072171 -228.732611 -0.570390
-706.102066 -4.542588 -448.87098
0.50000 -1.072171 -193.000914 -0.570390
-706.102066 -4.292574 -395.065900
0.75000 -1.072171 -159.018021 -0.570390
-706.102066 -4.042819 -124.255703
1.00000 -1.072171 -127.041756 -0.570390
-706.102066 -3.796142 -287.445505
COMB DB-G2-3 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 3.957190 483.719521 6.249131
496.524695 38.607032 5498.183
0.25000 3.957190 509.744735 6.249131
496.524695 40.484254 5135.684
0.50000 3.957190 537.502512 6.249131
496.524695 74.090179 4733.979
0.75000 3.957190 566.749689 6.249131
496.524695 67.995497 4296.571
1.00000 3.957190 597.270180 6.249131
496.524695 62.528385 3829.413
COMB DB-G2-3 ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -1.480653 -257.390806 -4.368576
-671.973427 -51.400384 -675.233532
0.25000 -1.480653 -225.751144 -4.368576
-671.973427 -47.055000 -601.524913
0.50000 -1.480653 -193.668777 -4.368576
-671.973427 -42.895136 -571.816293
0.75000 -1.480653 -163.184725 -4.368576
-671.973427 -38.907796 -454.107674
1.00000 -1.480653 -134.490444 -4.368576
-671.973427 -35.270032 -380.399055
COMB DL-G1-1 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 2.902136 153.632505 0.433144
601.118775 11.323032 5317.330
0.25000 2.902136 154.044972 0.433144
601.952223 1.873238 1406.128
0.50000 2.902136 154.489311 0.433144
602.564724 1.732620 1232.568
0.75000 2.902136 154.963424 0.433144
603.417470 1.812602 1058.776
1.00000 2.902136 155.462795 0.433144
604.340303 1.959516 884.655489
COMB DL-G1-1 ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -1.510650 -37.475318 -5.794328
-65.972422 -70.639004 -360.434074
0.25000 -1.510650 -36.724935 -5.794328
-64.880286 -64.170078 -319.334792
0.50000 -1.510650 -36.724935 -5.794328
-63.813163 -57.798448 -278.234985
0.75000 -1.510650 -36.724935 -5.794328
-62.786249 -51.708404 -237.136769
1.00000 -1.510650 -36.041922 -5.794328
-61.814947 -45.922125 -196.038919
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-2 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 4.914257 310.389810 1.218932
88.330429 11.323032 5317.330
0.25000 4.914257 311.042553 1.218932
88.330429 10.297853 2979.641
0.50000 4.914257 312.081323 1.218932
88.330429 9.365333 2642.592
0.75000 4.914257 313.016887 1.218932
88.330429 8.460184 2315.248
1.00000 4.914257 314.001820 1.218932
88.330429 7.506390 2006.485
COMB DL-G1-2 ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -2.288298 -80.235695 -7.249537
-216.363080 -1.85.624935 -659.541696
0.25000 -2.288298 -79.484663 -7.249537
-216.363080 -1.77.517542 -585.400368
0.50000 -2.288298 -78.757569 -7.249537
-216.363080 -1.69.618985 -511.260951
0.75000 -2.288298 -77.063690 -7.249537
-216.363080 -1.62.133756 -437.126511
1.00000 -2.288298 -77.412066 -7.249537
-208.387889 -155.003566 -362.938672
COMB DL-G1-3 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 6.546399 466.938099 4.469240
779.082898 60.683111 5258.048
0.25000 6.546399 468.466014 4.469240
779.082898 55.007848 4640.683
0.50000 6.546399 507.450831 4.469240
779.117861 51.624936 4389.527
0.75000 6.546399 529.721505 4.469240
779.128613 47.608143 4019.945
1.00000 6.546399 553.072639 4.469240
779.076943 43.959948 3412.088
COMB DL-G1-3 ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -2.869083 -208.932807 -6.796456
-619.103347 -79.396256 -892.932961
0.25000 -2.869083 -191.442637 -6.796456
-588.970556 -72.045391 -795.707624
0.50000 -2.869083 -174.491056 -6.796456
-557.436484 -64.909749 -698.467955
0.75000 -2.869083 -158.282178 -6.796456
-525.298004 -57.624244 -631.183142
1.00000 -2.869083 -143.030985 -6.796456
-499.883659 -51.768529 -503.973391
COMB DL-G2-1 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 2.635159 227.975877 5.190053
50.446108 7.965318 2825.087
0.25000 2.635159 247.848704 5.190053
50.446108 7.104861 2677.609
0.50000 2.635159 269.989819 5.190053
50.446108 6.441567 2494.470
0.75000 2.635159 291.502195 5.190053
50.446108 58.869721 2274.613
1.00000 2.635159 314.890252 5.190053
50.446108 53.564486 2017.765
COMB DL-G2-1 ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -1.079397 -152.695798 -0.453224
-57.067379 -85.624935 -892.932961
0.25000 -1.079397 -135.633209 -0.453224
-58.784920 -83.536121 -815.192096
0.50000 -1.079397 -119.020258 -0.453224
-59.750261 -81.335441 -777.881283

0.75000 -1.079397 -103.117512 -0.453224
-60.722003 -83.243788 -740.632337
1.00000 -1.079397 -85.482888 -0.453224
-61.693754 -83.187210 -203.469514
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-2 ----- MAX
REL DI ST P M2 M3 V2 V3
0.00000 4.685363 406.908028 6.554846
189.166541 95.093230 4853.816
0.25000 4.685363 433.930338 6.554846
189.166541 87.905477 4550.472
0.50000 4.685363 462.828239 6.554846
189.166541 80.926509 4199.874
0.75000 4.685363 493.438642 6.554846
189.166541 74.230343 3808.705
1.00000 4.685363 525.434917 6.554846
189.166541 67.796099 3384.710
COMB DL-G2-2 ----- MIN
REL DI ST P M2 M3 V2 V3
0.00000 -1.811028

0.75000 -2.869083 -177.422284 -7.249537
-790.709871 -63.742978 -601.183142
1.00000 -2.869083 -177.422284 -7.249537
-790.526562 -57.532055 -503.973391

COMB DESIGN MAX
REL DIST T M2 M3 V3
0.00000 6.546399 493.609382
64.4.233429 96.51755 383.0172
0.25000 6.546399 517.942286 6.678506
845.505936 87.905477 5320.333
0.50000 6.546399 543.964170
846.955298 80.303909 4890.735
0.75000 6.546399 571.528260 6.678506
848.565661 74.230343 4364.835
1.00000 6.546399 600.340431 6.678506
850.310261 67.939778 3840.534

COMB DESIGN MIN
REL DIST T M2 M3 V3
0.00000 -2.869083 -263.985803 -7.249537
-791.259796 -85.524935 -892.932961
0.25000 -2.869083 -228.782615 -7.249537
-791.076488 -77.572249 -795.707624
0.50000 -2.869083 -197.189851 -7.249537
-790.893179 -69.637774 -745.201744
0.75000 -2.869083 -177.422284 -7.249537
-790.709871 -63.742978 -601.183142
1.00000 -2.869083 -158.796421 -7.249537
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FRAME ELEMENT INTERNAL FORCES

ELEM 105 LENGTH
COMB DB-G1-1 MAX
REL DIST T M2 M3 V3
0.00000 1.147055 126.403701 0.381167
496.861179 1.177981 749.135453
0.25000 1.147055 127.000000 0.381167
497.610696 1.163491 593.062710
0.50000 1.147055 127.436412 0.381167
498.704076 1.325205 436.007640
0.75000 1.147055 127.955298 0.381167
499.885859 1.492652 277.779592
1.00000 1.147055 128.615377 0.381167
501.501491 2.270079 118.830796

COMB DB-G1-1 MIN
REL DIST T M2 M3 V3
0.00000 -0.529489 -25.178624 -8.767929
-49.549606 -49.473946 -146.749152
0.25000 -0.529489 -24.583160 -8.767929
-47.987630 -3.963774 745.201744
0.50000 -0.529489 -23.991155 -8.767929
-45.275944 -27.559287 -88.179654
0.75000 -0.529489 -23.675746 -8.767929
-44.227860 -44.227860 -88.179654
1.00000 -0.529489 -23.370642 -8.767929
-43.070076 -6.021128 -29.670294

COMB DB-G1-2 MAX
REL DIST T M2 M3 V3
0.00000 2.134756 292.370364 1.139268
700.701392 5.729865 1816.922
0.25000 2.134756 293.705257 1.139268
702.746184 1.147055 126.403701
0.50000 2.134756 295.138909 1.139268
705.571824 0.402660 1097.444
0.75000 2.134756 296.665460 1.139268
709.082652 3.963774 745.201744
1.00000 2.134756 298.382651 1.139268
713.214178 5.157662 417.296366

COMB DB-G1-2 MIN
REL DIST T M2 M3 V3
0.00000 -0.844530 -48.028258 -10.449280
-196.129192 -58.657406 -273.418232
0.25000 -0.844530 -46.391391 -10.449280
-191.739882 -45.689982 -219.456832
0.50000 -0.844530 -44.765204 -10.449280
-184.564430 -32.737346 -165.495958
0.75000 -0.844530 -43.898515 -10.449280
-181.702992 -19.902872 -111.558891
1.00000 -0.844530 -43.963550 -10.449280
-178.541892 -7.318157 -57.636815

COMB DB-G1-3 MAX
REL DIST T M2 M3 V3
0.00000 2.880708 519.377856 6.611943
64.4.963395 41.571755 383.0172
0.25000 2.880708 543.971383 6.611943
64.4.963395 33.570144 2804.267
0.50000 2.880708 570.457534 6.611943
64.4.963395 26.023383 222.5361
0.75000 2.880708 598.695942 6.611943
656.172437 18.941953 1590.708
1.00000 2.880708 629.324632 6.611943
686.942309 12.954390 911.644097

COMB DB-G1-3 MIN
REL DIST T M2 M3 V3
0.00000 -1.048850 -143.073580 -9.606714
-516.062177 -53.923564 -376.163961
0.25000 -1.048850 -114.190895 -9.606714
-486.080814 -42.007712 -302.952793
0.50000 -1.048850 -86.186887 -9.606714
-451.059259 -30.141289 -229.755169
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.75000 -1.048850 -171.053433 -9.606714
-439.875506 -18.607358 -156.580771
1.00000 -1.048850 -58.425704 -9.606714
-439.875506 -7.417403 -83.440096

COMB DB-G2-1 MAX
REL DIST T M2 M3 V3
0.00000 1.123955 317.505173 8.412138
44.377816 53.557849 2125.926
0.25000 1.123955 342.001714 8.412138
44.377816 43.020983 1855.316
0.50000 1.123955 369.539538 8.412138
44.377816 32.486940 1529.633
0.75000 1.123955 398.415353 8.412138
44.377816 21.953277 1141.035
1.00000 1.123955 428.313163 8.412138
44.377816 12.429090 682.957937

COMB DB-G2-1 MIN
REL DIST T M2 M3 V3

0.00000 -0.449968 -100.883959 -0.308394
-512.020994 -2.061574 -154.976242
1.00000 -0.449968 -73.824042 -0.308394
-512.020994 -1.794514 -125.775632
0.50000 -0.449968 -47.051838 -0.308394
-512.020994 -1.542871 -36.590051
0.75000 -0.449968 -23.700750 -0.308394
-512.020994 -1.305842 -67.404560
1.00000 -0.449968 -23.304786 -0.308394
-512.020994 -1.320990 -38.249907

COMB DB-G2-2 MAX
REL DIST T M2 M3 V3
0.00000 2.142551 527.399149 10.434125
148.514326 66.861541 3492.298
0.25000 2.142551 561.483459 10.434125
148.514326 53.809688 3002.974
0.50000 2.142551 598.259621 10.434125
148.514326 40.763618 2440.961
0.75000 2.142551 637.503016 10.434125
148.514326 28.065323 1804.010
1.00000 2.142551 678.992196 10.434125
148.514326 15.938444 1096.092

COMB DB-G2-2 MIN
REL DIST T M2 M3 V3
0.00000 -0.744569 -154.516399 -0.603152
-683.00858 -3.444230 -287.601364
0.25000 -0.744569 -115.689417 -0.603152
-683.00858 -2.036461 -291.837414
0.50000 -0.744569 -78.755073 -0.603152
-683.00858 -2.636364 -178.095822
0.75000 -0.744569 -58.585627 -0.603152
-683.00858 -2.244428 -123.583034
1.00000 -0.744569 -43.704128 -0.603152
-683.00858 -2.073523 -68.648183

COMB DB-G2-3 MAX
REL DIST T M2 M3 V3
0.00000 2.882233 586.782731 10.434125
483.453135 61.398077 3829.555
0.25000 2.882233 617.374875 10.434125
483.453135 49.516087 3248.266
0.50000 2.882233 650.385928 10.434125
483.453135 37.875810 2601.920
0.75000 2.882233 685.807652 10.434125
483.453135 26.704794 1888.901
1.00000 2.882233 722.839944 10.434125
483.453135 16.414607 1114.317

COMB DB-G2-3 MIN
REL DIST T M2 M3 V3
0.00000 -1.029036 -158.018325 -6.408927
-634.158596 -35.726266 -380.446011
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.25000 -1.029036 -123.159540 -6.408927
-654.158596 -28.009771 -307.031842
0.50000 -1.029036 -90.033386 -6.408927
-634.158596 -20.317688 -348.817546
0.75000 -1.029036 -71.926700 -6.408927
-654.158596 -12.704145 -160.255079
1.00000 -1.029036 -58.587820 -6.408927
-654.158596 -5.505746 -88.912104

COMB DL-G1-1 MAX
REL DIST T M2 M3 V3
0.00000 2.066386 162.850775 0.630865
636.344433 1.451443 881.468111
0.25000 2.066386 163.338417 0.630865
637.104485 1.405511 697.249866
0.50000 2.066386 163.857599 0.630865
637.980487 1.169407 511.658401
0.75000 2.066386 164.404669 0.630865
638.959241 2.360418 325.330703
1.00000 2.066386 165.028664 0.630865
640.030041 3.706170 138.085788

COMB DL-G1-1 MIN
REL DIST T M2 M3 V3
0.00000 -1.058078 -34.846445 -8.773900
-58.556278 -46.657634 -195.876274
0.25000 -1.058078 -34.846445 -8.773900
-58.371239 -36.277034 -156.858680
0.50000 -1.058078 -34.101935 -8.773900
-57.207683 -26.170674 -117.844502
0.75000 -1.058078 -33.752758 -8.773900
-56.084937 -16.407861 -78.110926
1.00000 -1.058078 -33.425842 -8.773900
-55.019588 -7.182191 -39.949765

COMB DL-G1-2 MAX
REL DIST T M2 M3 V3
0.00000 3.532362 353.979071 1.549037
865.327900 7.317757 3020.286
0.25000 3.532362 354.944110 1.549037
866.766402 6.425473 1606.325
0.50000 3.532362 355.967071 1.549037
868.432025 6.021190 1207.935
0.75000 3.532362 357.103603 1.549037
870.298011 6.356197 915.8951
1.00000 3.532362 358.286022 1.549037
872.341717 7.940059 430.705119

COMB DL-G1-2 MIN
REL DIST T M2 M3 V3
0.00000 -1.598014 -64.293058 -10.708679
-188.462644 -55.999872 -362.717785
0.25000 -1.598014 -63.549475 -10.708679
-186.186004 -43.569644 -291.728282
0.50000 -1.598014 -62.820959 -10.708679
-183.949895 -31.456051 -219.790660
0.75000 -1.598014 -62.104299 -10.708679
-181.790168 -19.869540 -148.957566
1.00000 -1.598014 -61.500139 -10.708679
-179.741573 -9.139497 -76.763664

COMB DL-G1-3 MAX
REL DIST T M2 M3 V3
0.00000 4.721738 563.525298 6.683340
794.751568 41.644137 3410.890
0.25000 4.721738 587.152892 6.683340
794.761662 34.509557 2634.268
0.50000 4.721738 617.738181 6.683340
794.794563 27.837765 2217.478
0.75000 4.721738 639.765620 6.683340
815.582559 21.833704 1563.985
1.00000 4.721738 668.448178 6.683340
846.335768 16.947225 882.75233
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 MIN
REL DIST T M2 M3 V3

REL DIST T M2 M3 V3
0.00000 -2.005230 -154.652655 -9.965750
-602.369322 -52.223836 -503.811288
0.25000 -2.005230 -137.722273 -9.965750
-56.857240 -40.916593 -406.950254
0.50000 -2.005230 -121.250854 -9.965750
-530.757476 -29.916336 -310.008401
0.75000 -2.005230 -105.525466 -9.965750
-50.101099 -19.902872 -111.586222
1.00000 -2.005230 -90.801611 -9.965750
-499.421270 -9.894061 -116.203258

COMB DL-G2-1 MAX
REL DIST T M2 M3 V3
0.00000 1.921751 304.327881 8.065835
59.782485 51.889488 2020.122
0.25000 1.921751 328.953900 8.065835
59.782485 42.706466 1735.430
0.50000 1.921751 355.441239 8.065835
59.782485 32.486668 1409.896
0.75000 1.921751 383.591579 8.065835
59.782485 22.556774 1041.327
1.00000 1.921751 413.189485 8.065835
59.850828 13.317859 628.594996

COMB DL-G2-1 MIN
REL DIST T M2 M3 V3
0.00000 -0.755589 -100.282182 -0.515450
-618.369261 -2.674274 -203.575842
0.25000 -0.755589 -84.251222 -0.515450
-628.088606 -2.464270 -165.068301
0.50000 -0.755589 -66.200648 -0.515450
-637.804350 -1.931119 -126.675628
0.75000 -0.755589 -53.595877 -0.515450
-647.521895 -2.197058 -88.194307
1.00000 -0.755589 -39.556196 -0.515450
-657.037483 -2.272498 -49.882698

COMB DL-G2-2 MAX
REL DIST T M2 M3 V3
0.00000 3.416830 528.374639 9.982701
166.011342 1.226504 347.41414
0.25000 3.416830 561.483996 9.982701
166.011342 53.408800 2874.764
0.50000 3.416830 597.119100 9.982701
166.011342 41.756862 2206.469
0.75000 3.416830 635.059303 9.982701
166.011342 30.344380 1686.039
1.00000 3.416830 675.015606 9.982701
166.011342 19.349789 1023.091

COMB DL-G2-2 MIN
REL DIST T M2 M3 V3
0.00000 -1.265064 -157.066159 -1.022160
-814.310147 -1.554890 -379.733517
0.25000 -1.265064 -134.576032 -1.022160
-814.126839 -4.106416 -307.292422
0.50000 -1.265064 -112.649897 -1.022160
-813.943530 -7.932201 -234.967569
0.75000 -1.265064 -91.617826 -1.022160
-813.760222 -1.265064 -162.565416
1.00000 -1.265064 -72.032927 -1.022160
-813.576911 -3.688502 -90.233834

COMB DL-G2-3 MAX
REL DIST T M2 M3 V3
0.00000 6.494796 617.185168 9.527584
580.475059 60.666898 3841.193
0.25000 6.494796 642.998430 9.527584
580.475059 49.670742 3218.181
0.50000 6.494796 679.086473 9.527584
580.475059 39.990919 2545.137
0.75000 6.494796 713.252060 9.527584
580.475059 24.00521 1825.266
1.00000 6.494796 749.229182 9.527584
580.475059 20.474884 1067.403
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 MIN
REL DIST T M2 M3 V3
0.00000 -1.905679 -168.430254 -6.754812
-789.764784 -34.820272 -501.316848
0.25000 -1.905679 -148.127246 -6.754812
-789.576148 -27.524104 -404.424609
0.50000 -1.905679 -128.432198 -6.754812
-789.387512 -20.462870 -307.637032
0.75000 -1.905679 -109.646464 -6.754812
-789.198876 -13.755869 -210.782023
1.00000 -1.905679 -91.855513 -6.754812
-789.010237 -7.826254 -113.990925

COMB DB MIN
REL DIST T M2 M3 V3
0.00000 2.882233 586.782731 10.434125
700.701392 66.861541 3829.555
0.25000 2.882233 617.374875 10.434125
702.746184 53.809688 3002.974
0.50000 2.882233 650.383925 10.434125
705.571824 40.763618 2440.961
0.75000 2.882233 685.807652 10.434125
709.082652 28.065323 1804.010
1.00000 2.882233 722.839944 10.434125
713.214178 16.414607 1114.317

COMB DB MIN
REL DIST T M2 M3 V3
0.00000 -1.048850 -158.018325 -10.449280
-683.00858 -58.657406 -380.446011
0.25000 -1.048850 -123.159540 -10.449280
-683.00858 -45.689982 -307.031842
0.50000 -1.048850 -90.033386 -10.449280
-683.00858 -32.737346 -165.495958
0.75000 -1.048850 -71.926700 -10.449280
-683.00858 -26.023383 -122.5361
1.00000 -1.048850 -58.425704 -10.449280
-683.00858 -43.963550 -83.440096

COMB DL MIN
REL DIST T M2 M3 V3
0.00000 4.721738 563.525298 6.683340
865.327900 7.317757 3020.286
0.25000 4.721738 587.152892 6.683340
866.766402 6.425473 1606.325
0.50000 4.721738 617.738181 6.683340
868.432025 6.021190 1207.935
0.75000 4.721738 639.765620 6.683340
870.298011 6.356197 915.8

0.00000 -0.445948 -59.379032 -6.177941
-362.629760 -8.193799 -83.459926
0.25000 -0.445948 -55.598039 -6.177941
-352.046390 -5.961189 -62.557873
0.50000 -0.445948 -55.598039 -6.177941
-340.917438 -3.741639 -41.655821
0.75000 -0.445948 -55.598039 -6.177941
-329.554876 -1.679882 -20.753768
1.00000 -0.445948 -55.598039 -6.177941
-326.079167 -1.453281 -0.473836

COMB DB-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.517275 454.696675 5.962390
75.614640 0.1048503 683.591865 5.962390
0.25000 0.517275 462.552576 5.962390
75.614640 0.709004 521.533174 5.962390
0.50000 0.517275 470.678744 5.962390
75.614640 5.666834 353.757594 5.962390
0.75000 0.517275 478.909230 5.962390
75.614640 3.453205 179.911555 5.962390
1.00000 0.517275 487.166701 5.962390
75.614640 1.516178 0.070563

COMB DB-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.194777 -25.502894 -0.353334
-319.221493 -0.768934 -38.331800 -0.353334
0.25000 -0.194777 -25.502894 -0.353334
-319.221493 -0.699504 -25.744001 -0.353334
0.50000 -0.194777 -25.502894 -0.353334
-319.221493 -0.629692 -19.156201 -0.353334
0.75000 -0.194777 -25.502894 -0.353334
-319.221493 -0.513672 -19.939402 -0.353334
1.00000 -0.194777 -25.498985 -0.353334
-319.221493 -0.612498 -0.331824

COMB DB-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.975706 729.512099 7.691198
136.810869 13.247211 1096.641
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.25000 0.975706 740.571861 7.691198
136.810869 10.544241 835.068980
0.50000 0.975706 751.974817 7.691198
136.810869 7.864951 565.240726
0.75000 0.975706 763.527630 7.691198
136.810869 5.220667 286.595772
1.00000 0.975706 775.125525 7.691198
136.810869 2.881309 0.176230

COMB DB-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.315411 -45.784916 -0.619915
-482.648484 -0.361708 -68.743317
0.25000 -0.315411 -45.784916 -0.619915
-482.648484 -1.146239 -55.551502
0.50000 -0.315411 -45.784916 -0.619915
-482.648484 -0.989593 -34.386888
0.75000 -0.315411 -45.784916 -0.619915
-482.648484 -0.981624 -17.125873
1.00000 -0.315411 -45.784916 -0.619915
-482.648484 -1.037324 -0.57815

COMB DB-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.303159 740.961165 7.173987
341.720150 12.903245 1114.104
0.25000 1.303159 750.884782 7.173987
341.720150 10.503191 846.745752
0.50000 1.303159 761.116472 7.173987
341.720150 7.864951 565.240726
0.75000 1.303159 771.482556 7.173987
341.720150 5.712360 289.928662
1.00000 1.303159 781.893211 7.173987
341.720150 3.845218 0.220404

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.437384 -57.930449 -4.191621
-462.484760 5.806250 86.982533
0.25000 -0.437384 -57.930449 -4.191621
-462.484760 -4.250131 65.203708
0.50000 -0.437384 -57.930449 -4.191621
-462.484760 76.1608 43.424883
0.75000 -0.437384 -57.930449 -4.191621
-462.484760 -1.420701 -21.646058
1.00000 -0.437384 -57.930449 -4.191621
-462.484760 -1.426578 -0.563078

COMB DL-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.911071 99.761173 0.242649
399.998595 1.626323 136.534829
0.25000 0.911071 99.941489 0.242649
400.270146 1.669221 102.539655
0.50000 0.911071 100.125899 0.242649
400.553516 1.752088 68.438616
0.75000 0.911071 100.313805 0.242649
400.847595 1.935922 34.293182
1.00000 0.911071 100.505745 0.242649
401.153335 2.730888 0.212277

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.456465 -28.661412 -4.945531
-36.837126 -7.045859 -39.910859
0.25000 -0.456465 -28.661412 -4.945531
-36.471812 -5.298068 -29.996610
0.50000 -0.456465 -28.661412 -4.945531
-36.108570 -3.580620 -18.848210
0.75000 -0.456465 -28.335031 -4.945531
-35.747936 -1.967820 -9.872136
1.00000 -0.456465 -28.223822 -4.945531
-35.390936 -1.444997 -0.121844
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.562700 326.315678 1.384248
597.931656 4.125377 392.692112
0.25000 1.562700 326.671980 1.384248
597.931656 3.910803 327.905112
0.50000 1.562700 327.036043 1.384248
598.450703 3.784321 218.756919
0.75000 1.562700 327.407283 1.384248
599.013368 3.650071 139.423410
1.00000 1.562700 327.786193 1.384248
599.596319 4.684072 0.371406

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.683091 -55.335454 -6.292280
-166.552703 -8.812629 -76.744633
0.25000 -0.683091 -55.121015 -6.292280
-165.856487 -6.648805 -57.495102
0.50000 -0.683091 -54.809444 -6.292280
-165.163719 -4.546172 -38.240255
0.75000 -0.683091 -54.700553 -6.292280
-164.476203 -2.667838 -18.995137
1.00000 -0.683091 -54.496311 -6.292280
-163.795711 -2.224473 -0.348374

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 2.109223 655.022924 5.042011
553.555036 11.354535 881.847135
0.25000 2.109223 663.630124 5.042011
561.398793 9.751939 667.309827
0.50000 2.109223 672.401659 5.042011
569.639148 8.220180 448.817731
0.75000 2.109223 681.327131 5.042011
575.232262 6.655298 266.299512
1.00000 2.109223 690.384138 5.042011
587.151310 6.317254 0.430061

COMB DL-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.861406 -93.327831 -5.894091
-401.420551 -8.771922 -116.120348
0.25000 -0.861406 -89.012498 -5.894091
-391.127792 -6.797486 -87.018137
0.50000 -0.861406 -84.759392 -5.894091
-380.886628 -4.886844 -57.916533
0.75000 -0.861406 -80.586532 -5.894091
-370.737218 -3.176684 -28.842389
1.00000 -0.861406 -78.264758 -5.894091
-360.725729 -2.776997 -0.644327

COMB DL-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.866098 465.055585 6.598988
79.818482 10.659990 949.920037
0.25000 0.866098 473.880648 6.598988
78.389093 8.619143 718.15625
0.50000 0.866098 482.852005 6.598988
76.858140 6.555633 542.518
0.75000 0.866098 491.924608 6.598988
75.223180 4.513874 163.063931
1.00000 0.866098 501.006606 6.598988
73.463508 2.627735 0.126371

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.329113 -35.842126 -0.502522
-405.361920 -1.281100 -49.920397
0.25000 -0.329113 -35.655939 -0.502522
-406.848028 -1.160776 -37.418422
0.50000 -0.329113 -35.546525 -0.502522
-408.232572 -1.067102 -24.969247
0.75000 -0.329113 -35.352913 -0.502522
-409.513233 -1.037706 -12.513644
1.00000 -0.329113 -35.537137 -0.502522
-410.688934 -1.034844 -0.519623
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.539434 761.827956 7.417971
151.438861 14.703424 1067.814
0.25000 1.539434 773.787793 7.417971
151.438861 12.074414 776.429128
0.50000 1.539434 785.948752 7.417971
151.438861 9.477589 592.9200
0.75000 1.539434 798.294039 7.417971
151.438861 6.935595 263.954273
1.00000 1.539434 810.803884 7.417971
151.438861 4.630361 0.262440

COMB DL-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.543183 -72.187908 -0.822581
-556.912385 -2.155951 -90.325468
0.25000 -0.543183 -67.072247 -0.822581
-556.857380 -1.938510 -67.740106
0.50000 -0.543183 -64.645825 -0.822581
-556.802384 -1.716923 -45.149655
0.75000 -0.543183 -64.394886 -0.822581
-556.747387 -1.696380 -22.58484
1.00000 -0.543183 -64.311014 -0.822581
-556.693422 -1.760162 -0.778389

COMB DL-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 2.100556 791.941547 7.104033
405.601367 14.703424 1067.814
0.25000 2.100556 802.711009 7.104033
405.601367 12.302544 846.745752
0.50000 2.100556 813.661577 7.104033
405.601367 9.980985 543.399158
0.75000 2.100556 824.778165 7.104033
405.601367 7.810380 289.928662
1.00000 2.100556 836.042975 7.104033
405.602578 6.315732 0.384404

COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.816564 -88.313673 -4.130551
-537.873751 -6.478146 -114.059105
0.25000 -0.816564 -83.705988 -4.130551
-537.817148 -5.116714 -85.509327
0.50000 -0.816564 -81.595253 -4.130551
-537.760553 -3.840895 -56.954794
0.75000 -0.816564 -81.278699 -4.130551
-537.703957 -2.570701 -28.1264
1.00000 -0.816564 -81.202965 -4.130551
-537.648573 -2.640552 -0.810507

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.00000 1.303159 740.961165 7.691198
490.381293 13.247211 1114.104
0.25000 1.303159 750.884782 7.691198
491.367101 10.544241 846.745752
0.50000 1.303159 761.116472 7.691198
492.399912 8.065397 567.158230
0.75000 1.303159 771.482556 7.691198
493.452613 5.712360 289.928662
1.00000 1.303159 781.893211 7.691198
494.516312 3.845218 0.220406

COMB DB ----- MIN

0.75000 -0.445948 -57.930449 -6.648830
-482.648484 -1.679882 -21.646058
1.00000 0.975706 729.512099 7.691198
-482.648484 -1.453281 -0.563078
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.00000 2.109223 791.941547 7.417971
597.931656 14.703424 1067.814
0.25000 2.109223 802.711009 7.417971
597.910183 12.302544 807.988550
0.50000 2.109223 813.661577 7.417971
598.450703 9.980985 543.399158
0.75000 2.109223 824.778165 7.417971
599.013368 7.810380 289.928662
1.00000 2.109223 836.042975 7.417971
599.596319 6.317254 0.430061

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.861406 -93.327831 -5.894091
-556.912385 -8.812629 -116.120348
0.25000 -0.861406 -89.012498 -5.894091
-556.857380 -6.797486 -87.018137
0.50000 -0.861406 -84.759392 -5.894091
-556.802384 -4.886844 -57.916533
0.75000 -0.861406 -81.278699 -5.894091
-556.747387 -3.176684 -28.842389
1.00000 -0.861406 -78.264758 -5.894091
-556.693422 -2.776997 -0.644327

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 2.109223 791.941547 7.691198
597.931656 14.703424 1114.104
0.25000 2.109223 802.711009 7.691198
597.910183 12.302544 846.745752
0.50000 2.109223 813.661577 7.691198
598.450703 9.980985 543.399158
0.75000 2.109223 824.778165 7.691198
599.013368 7.810380 289.928662
1.00000 2.109223 836.042975 7.691198
599.596319 6.317254 0.430061

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.861406 -93.327831 -5.894091
-556.912385 -8.812629 -116.120348
0.25000 -0.861406 -89.012498 -5.894091
-556.857380 -6.797486 -87.018137
0.50000 -0.861406 -84.759392 -5.894091
-556.802384 -4.886844 -57.916533
0.75000 -0.861406 -81.278699 -5.894091
-556.747387 -3.176684 -28.842389
1.00000 -0.861406 -78.264758 -5.894091
-556.693422 -2.776997 -0.644327

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 2.109223 791.941547 7.691198
597.931656 14.703424 1114.104
0.25000 2.109223 802.711009 7.691198
597.910183 12.302544 846.745752
0.50000 2.109223 813.661577 7.691198
598.450703 9.980985 543.399158
0.75000 2.109223 824.778165 7.691198
599.013368 7.810380 289.928662
1.00000 2.109223 836.042975 7.691198
599.596319 6.317254 0.430061

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.861406 -93.327831 -5.894091
-556.912385 -8.812629 -116.120348
0.25000 -0.861406 -89.012498 -5.894091
-556.857380 -6.797486 -87.018137
0.50000 -0.861406 -84.759392 -5.894091
-556.802384 -4.886844 -57.916533
0.75000 -0.861406 -81.278699 -5.894091
-556.747387 -3.176684 -28.842389
1.00000 -0.861406 -78.264758 -5.894091
-556.693422 -2.776997 -0.644327
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FRAME ELEMENT INTERNAL FORCES

ELEM 107 ----- LENGTH = 3.706987

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 12.553071 9.837705 0.164639
0.002386 0.278310 21.45829 0.164639
0.51302 12.553071 9.837065 0.164639
0.002386 0.179239 18.621514 0.164639
0.002386 12.553071 9.837065 0.164639
0.002386 0.080158 12.678373 0.164639
0.83767 12.553071 9.837065 0.164639
0.002386 0.049352 6.967749 0.164639
0.002386 12.553

REL DIST P M2 V2 V3
0.35069 -0.855272 -112.536168 -0.477829
-2.34E-05 -0.801872 -273.137531
0.51302 -0.855272 -112.536168 -0.477829
0.34E-05 -0.801872 -273.137531
0.67534 -0.855272 -112.536168 -0.477829
-2.34E-05 -0.801872 -273.137531
0.83767 -0.855272 -112.536168 -0.477829
-2.34E-05 -0.801872 -273.137531
1.00000 -0.855272 -112.536168 -0.477829
-2.34E-05 -0.801872 -273.137531

COMB DL-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.35069 19.463078 22.326746 0.388846
0.005491 0.658442 120.735746 0.388846
0.51302 19.463078 22.326746 0.388846
0.005491 0.424027 112.527080 0.388846
0.67534 19.463078 22.326746 0.388846
0.005491 0.190274 121.845511 0.388846
0.83767 19.463078 22.326746 0.388846
0.005491 0.142398 155.406186 0.388846
1.00000 19.463078 22.326746 0.388846
0.005491 0.652134 196.699880 0.388846

COMB DL-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.35069 -1.816549 -197.615912 -0.848136
-0.009974 -1.411115 -321.842267 -0.848136
0.51302 -1.816549 -197.615912 -0.848136
-0.009974 -0.904050 -213.801706 -0.848136
0.67534 -1.816549 -197.615912 -0.848136
-0.009974 -0.397083 -129.095363 -0.848136
0.83767 -1.816549 -197.615912 -0.848136
-0.009974 -0.042810 -64.838709 -0.848136
1.00000 -1.816549 -197.615912 -0.848136
-0.009974 -0.276534 -0.018405 -0.848136

COMB DL-G1-3 ----- MAX

REL DIST P M2 V2 V3
0.35069 18.117849 86.824956 0.616665
0.004879 1.424053 249.448056 0.616665
0.51302 18.117849 86.824956 0.616665
0.004879 0.671610 240.823658 0.616665
0.67534 18.117849 86.824956 0.616665
0.004879 0.301320 207.775160 0.616665
0.83767 18.117849 86.824956 0.616665
0.004879 0.165201 194.893356 0.616665
1.00000 18.117849 86.824956 0.616665
0.004879 0.871622 198.510939 0.616665
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST P M2 V2 V3
0.35069 -9.985435 -187.070655 -1.175459
-0.009958 -1.974381 -304.686352 -1.175459
0.51302 -9.985435 -187.070655 -1.175459
-0.009958 -1.270154 -201.289317 -1.175459
0.67534 -9.985435 -187.070655 -1.175459
-0.009958 -0.420334 -116.698711 -1.175459
0.83767 -9.985435 -187.070655 -1.175459
-0.009958 -0.067425 -59.953554 -1.175459
1.00000 -9.985435 -187.070655 -1.175459
-0.009958 -0.438185 -0.027680 -1.175459

COMB DL-G2-1 ----- MAX

REL DIST P M2 V2 V3
0.35069 0.495482 110.969680 0.343665
1.93E-05 0.581361 249.448056 0.343665
0.51302 0.495482 110.969680 0.343665
1.93E-05 0.373779 182.712763 0.343665
0.67534 0.495482 110.969680 0.343665
1.93E-05 0.192342 116.698711 0.343665
0.83767 0.495482 110.969680 0.343665
1.93E-05 0.049067 50.356011 0.343665
1.00000 0.495482 110.969680 0.343665
1.93E-05 0.350030 1.506975 0.343665

COMB DL-G2-1 ----- MIN

REL DIST P M2 V2 V3
0.35069 -13.205088 -8.541830 -0.503038
0.002517 -0.859885 -21.414012 -0.503038
0.51302 -13.205088 -8.541830 -0.503038
-0.002517 -0.557545 -16.318704 -0.503038
0.67534 -13.205088 -8.541830 -0.503038
0.002517 -0.254968 -11.818906 -0.503038
0.83767 -13.205088 -8.541830 -0.503038
-0.002517 -0.039260 -13.103115 -0.503038
1.00000 -13.205088 -8.541830 -0.503038
-0.002517 -0.245040 -28.346975 -0.503038

COMB DL-G2-2 ----- MAX

REL DIST P M2 V2 V3
0.35069 4.714006 131.099998 0.540554
0.002476 0.915561 370.708510 0.540554
0.51302 4.714006 131.099998 0.540554
0.002476 0.588606 296.539511 0.540554
0.67534 4.714006 131.099998 0.540554
0.002476 0.264165 238.476374 0.540554
0.83767 4.714006 131.099998 0.540554
0.002476 0.129276 116.698711 0.540554
1.00000 4.714006 131.099998 0.540554
0.002476 0.667509 167.100704 0.540554

COMB DL-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.35069 -15.752740 -76.877759 -0.899980
-0.012081 -1.518287 -54.126130 -0.899980
0.51302 -15.752740 -76.877759 -0.899980
-0.012081 -0.980555 -17.823423 -0.899980
0.67534 -15.752740 -76.877759 -0.899980
-0.012081 -0.441623 -11.903928 -0.899980
0.83767 -15.752740 -76.877759 -0.899980
-0.012081 -0.059129 -6.777759 -0.899980
1.00000 -15.752740 -76.877759 -0.899980
-0.012081 -0.383083 -0.325765 -0.899980

COMB DL-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.35069 12.488045 138.039139 0.648659
0.003815 1.098247 407.764356 0.648659
0.51302 12.488045 138.039139 0.648659
0.003815 0.706429 329.259026 0.648659
0.67534 12.488045 138.039139 0.648659
0.003815 0.316969 265.640801 0.648659
0.83767 12.488045 138.039139 0.648659
0.003815 0.162300 226.266056 0.648659
1.00000 12.488045 138.039139 0.648659
0.003815 0.871391 194.754689 0.648659
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.35069 -15.525985 -136.832332 -1.182240
-0.010932 -1.991039 -186.149505 -1.182240
0.51302 -15.525985 -136.832332 -1.182240
-0.010932 -1.282863 -115.619666 -1.182240
0.67534 -15.525985 -136.832332 -1.182240
-0.010932 -0.574546 -68.096201 -1.182240
0.83767 -15.525985 -136.832332 -1.182240
-0.010932 -0.071640 -26.503130 -1.182240
1.00000 -15.525985 -136.832332 -1.182240
-0.010932 -0.460544 -0.294157 -1.182240

COMB DB ----- MAX

REL DIST P M2 V2 V3
0.35069 18.500882 118.009994 0.436967
0.005851 0.739869 355.666863 0.436967
0.51302 18.500882 118.009994 0.436967
0.005851 0.476993 190.028703 0.436967
0.67534 18.500882 118.009994 0.436967
0.005851 0.213844 249.796548 0.436967
0.83767 18.500882 118.009994 0.436967
0.005851 0.124339 226.503130 0.436967
1.00000 18.500882 118.009994 0.436967
0.005851 0.594622 208.554553 0.436967

COMB DB ----- MIN

REL DIST P M2 V2 V3
0.35069 -14.918052 -185.711329 -0.784128
-0.012253 -1.315105 -288.748861 -0.784128
0.51302 -14.918052 -185.711329 -0.784128
-0.012253 -0.847135 -187.019179 -0.784128
0.67534 -14.918052 -185.711329 -0.784128
-0.012253 -0.372699 -122.468951 -0.784128
0.83767 -14.918052 -185.711329 -0.784128
-0.012253 -0.048584 -60.090054 -0.784128
1.00000 -14.918052 -185.711329 -0.784128
-0.012253 -0.311812 -29.578861 -0.784128

COMB DL ----- MAX

REL DIST P M2 V2 V3
0.35069 19.463078 138.039139 0.648659
0.005491 1.098247 407.764356 0.648659
0.51302 19.463078 138.039139 0.648659
0.005491 0.706429 329.259026 0.648659
0.67534 19.463078 138.039139 0.648659
0.005491 0.316969 265.640801 0.648659
0.83767 19.463078 138.039139 0.648659
0.005491 0.165201 223.266056 0.648659
1.00000 19.463078 138.039139 0.648659
0.005491 0.871622 198.510939 0.648659

COMB DL ----- MIN

REL DIST P M2 V2 V3
0.35069 -15.752740 -197.615912 -1.182240
-0.012081 -1.991039 -321.842267 -1.182240
0.51302 -15.752740 -197.615912 -1.182240
-0.012081 -1.282863 -213.801706 -1.182240
0.67534 -15.752740 -197.615912 -1.182240
-0.012081 -0.574546 -68.096201 -1.182240
0.83767 -15.752740 -197.615912 -1.182240
-0.012081 -0.071640 -26.503130 -1.182240
1.00000 -15.752740 -197.615912 -1.182240
-0.012081 -0.460544 -28.346975 -1.182240

COMB CAR ----- MAX

REL DIST P M2 V2 V3
0.35069 19.463078 138.039139 0.648659
0.005851 1.098247 407.764356 0.648659
0.51302 19.463078 138.039139 0.648659
0.005851 0.706429 329.259026 0.648659
0.67534 19.463078 138.039139 0.648659
0.005851 0.316969 265.640801 0.648659
0.83767 19.463078 138.039139 0.648659
0.005851 0.165201 223.266056 0.648659
1.00000 19.463078 138.039139 0.648659
0.005851 0.871622 208.554553 0.648659
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST P M2 V2 V3
0.35069 -15.752740 -197.615912 -1.182240
-0.012253 -1.991039 -321.842267 -1.182240
0.51302 -15.752740 -197.615912 -1.182240
-0.012253 -1.282863 -213.801706 -1.182240
0.67534 -15.752740 -197.615912 -1.182240
-0.012253 -0.574546 -68.096201 -1.182240
0.83767 -15.752740 -197.615912 -1.182240
-0.012253 -0.071640 -26.503130 -1.182240
1.00000 -15.752740 -197.615912 -1.182240
-0.012253 -0.460544 -29.578861 -1.182240

COMB DESIGN ----- MAX

REL DIST P M2 V2 V3
0.35069 19.463078 138.039139 0.648659
0.005851 1.098247 407.764356 0.648659
0.51302 19.463078 138.039139 0.648659
0.005851 0.706429 329.259026 0.648659
0.67534 19.463078 138.039139 0.648659
0.005851 0.316969 265.640801 0.648659
0.83767 19.463078 138.039139 0.648659
0.005851 0.165201 226.503130 0.648659
1.00000 19.463078 138.039139 0.648659
0.005851 0.871622 208.554553 0.648659

COMB DESIGN ----- MIN

REL DIST P M2 V2 V3
0.35069 -15.752740 -197.615912 -1.182240
-0.012253 -1.991039 -321.842267 -1.182240
0.51302 -15.752740 -197.615912 -1.182240
-0.012253 -1.282863 -213.801706 -1.182240
0.67534 -15.752740 -197.615912 -1.182240
-0.012253 -0.574546 -68.096201 -1.182240
0.83767 -15.752740 -197.615912 -1.182240
-0.012253 -0.071640 -26.503130 -1.182240
1.00000 -15.752740 -197.615912 -1.182240
-0.012253 -0.460544 -29.578861 -1.182240

ELEM 108 ----- LENGTH = 3.705996

COMB DB-G1-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 12.331153 9.776517 0.165619
0.002481 0.118545 2.119541 0.165619
0.16230 12.331153 9.776517 0.165619
0.002481 0.018734 56.274065 0.165619
0.32461 12.331153 9.776517 0.165619
0.002481 0.314869 170.398390 0.165619
0.64922 12.331153 9.776517 0.165619
0.002481 0.485301 227.491490 0.165619

COMB DB-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.592436 -94.974639 -0.283355
-2.29E-05 -0.196882 -5.770949 -0.283355
0.16230 -0.592436 -94.974639 -0.283355

-2.29E-05 -0.027080 -5.562992 -0.283355
0.32461 -0.592436 -94.974639 -0.283355
-2.29E-05 -0.060672 -11.190255 -0.283355
0.48691 -0.592436 -94.974639 -0.283355
-2.29E-05 -0.180302 -16.992390 -0.283355
0.64922 -0.592436 -94.974639 -0.283355
-2.29E-05 -0.279922 -22.643771 -0.283355

COMB DB-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 14.392376 89.168220 0.271870
0.012990 0.194633 206.271818 0.271870
0.16230 14.392376 89.168220 0.271870
0.012990 0.030735 216.706560 0.271870
0.32461 14.392376 89.168220 0.271870
0.012990 0.077984 235.975652 0.271870
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.48691 14.392376 89.168220 0.271870
0.012990 0.608700 278.283088 0.271870
0.64922 14.392376 89.168220 0.271870
0.012990 0.939533 344.718252 0.271870

COMB DB-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -5.772855 -116.048175 -0.558209
-0.003243 -0.429214 -0.013609 -0.558209
0.16230 -5.772855 -116.048175 -0.558209
-0.003243 -0.094983 -5.759247 -0.558209
0.32461 -5.772855 -116.048175 -0.558209
-0.003243 -0.123077 -12.785777 -0.558209
0.64922 -5.772855 -116.048175 -0.558209
-0.003243 -0.295683 -20.534272 -0.558209
0.83767 -5.772855 -116.048175 -0.558209
-0.003243 -0.459242 -65.524713 -0.558209

COMB DB-G1-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 13.671925 135.884642 0.420390
0.010997 0.301039 206.554218 0.420390
0.16230 13.671925 135.884642 0.420390
0.010997 0.047653 219.099136 0.420390
0.32461 13.671925 135.884642 0.420390
0.010997 0.375293 240.966034 0.420390
0.48691 13.671925 135.884642 0.420390
0.010997 0.830613 302.626553 0.420390
0.64922 13.671925 135.884642 0.420390
0.010997 1.286081 351.116483 0.420390

COMB DB-G1-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -13.244660 -116.051656 -0.764093
-0.004246 -0.573987 -0.022554 -0.764093
0.16230 -13.244660 -116.051656 -0.764093
-0.004246 -1.16250 -26.740603 -0.764093
0.32461 -13.244660 -116.051656 -0.764093
-0.004246 -0.204549 -69.244021 -0.764093
0.48691 -13.244660 -116.051656 -0.764093
-0.004246 -0.457491 -126.716029 -0.764093
0.64922 -13.244660 -116.051656 -0.764093
-0.004246 -0.710379 -187.110614 -0.764093

COMB DB-G2-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.412613 94.801002 0.243950
2.88E-05 0.174428 1.547899 0.243950
0.16230 0.412613 94.801002 0.243950
2.88E-05 0.027613 4.076849 0.243950
0.32461 0.412613 94.801002

REL DIST P M2 V2 V3
0.00000 -19.969178 -17.617959 -0.980202
-0.005295 -0.741477 -0.326007
0.16230 -19.969178 -17.617959 -0.980202
0.005295 -0.136222 -73.567246
0.32461 -19.969178 -17.617959 -0.980202
-0.005295 -0.265980 -149.689602
0.48691 -19.969178 -17.617959 -0.980202
-0.005295 -0.095754 -226.008042
0.64922 -19.969178 -17.617959 -0.980202
-0.005295 -0.927884 -333.747584

COMB DL-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 9.272307 193.804443 0.657547
0.010098 0.469072 194.757042 0.657547
0.16230 9.272307 193.804443 0.657547
0.010098 0.074047 189.139211 0.657547
0.32461 9.272307 193.804443 0.657547
0.010098 0.583615 198.181704 0.657547
0.48691 9.272307 193.804443 0.657547
0.010098 1.307390 229.825296 0.657547
0.64922 9.272307 193.804443 0.657547
0.010098 2.031292 275.317375

COMB DL-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -19.340580 -82.296695 -1.208740
-0.004968 -0.893718 -0.294373 -1.208740
0.16230 -19.340580 -82.296695 -1.208740
-0.004968 -0.168352 -69.273606 -1.208740
0.32461 9.340580 208.554218 -1.208740
-0.004968 -0.318804 -142.428886 -1.208740
0.48691 -19.340580 -82.296695 -1.208740
-0.004968 -0.1713543 -216.116266 -1.208740
0.64922 9.340580 208.554218 -1.208740
-0.004968 -1.110436 -324.805433

COMB DB ----- MAX

REL DIST P M2 V2 V3
0.00000 14.392376 181.650915 0.442203
0.012990 0.316590 182.554218 0.442203
0.16230 14.392376 181.650915 0.442203
0.012990 0.050243 219.009136 0.442203
0.32461 14.392376 181.650915 0.442203
0.012990 0.376037 240.966934 0.442203
0.48691 14.392376 181.650915 0.442203
0.012990 0.836248 284.032653 0.442203
0.64922 14.392376 181.650915 0.442203
0.012990 1.296897 351.116483

COMB DB ----- MIN

REL DIST P M2 V2 V3
0.00000 -19.462837 -116.051656 -0.772987
-0.005718 -0.585399 -19.577604 -0.772987
0.16230 -19.462837 -116.051656 -0.772987
-0.005718 -0.122404 -70.760848 -0.772987
0.32461 -19.462837 -116.051656 -0.772987
-0.005718 -0.215209 -130.373538 -0.772987
0.48691 -19.462837 -116.051656 -0.772987
-0.005718 -0.481321 -196.836357 -0.772987
0.64922 -19.462837 -116.051656 -0.772987
-0.005718 -0.747322 -296.075296 -0.772987
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 15.427378 193.804443 0.657547
0.012945 0.469072 194.757042 0.657547
0.16230 15.427378 193.804443 0.657547
0.012945 0.074047 189.139211 0.657547
0.32461 15.427378 193.804443 0.657547
0.012945 0.583615 198.181704 0.657547
0.48691 15.427378 193.804443 0.657547
0.012945 1.307390 229.825296 0.657547
0.64922 15.427378 193.804443 0.657547
0.012945 2.031292 275.317375

COMB DL ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -19.969178 -133.494523 -1.208740
-0.005295 -0.893718 -29.577604 -1.208740
0.16230 -19.969178 -133.494523 -1.208740
-0.005295 -0.168352 -69.273606 -1.208740
0.32461 -19.969178 -133.494523 -1.208740
-0.005295 -0.318804 -142.428886 -1.208740
0.48691 -19.969178 -133.494523 -1.208740
-0.005295 -0.713543 -226.008042 -1.208740
0.64922 -19.969178 -133.494523 -1.208740
-0.005295 -1.110436 -333.747584

COMB CAR ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 15.427378 193.804443 0.657547
0.012990 0.469072 194.757042 0.657547
0.16230 15.427378 193.804443 0.657547
0.012990 0.074047 189.139211 0.657547
0.32461 15.427378 193.804443 0.657547
0.012990 0.583615 198.181704 0.657547
0.48691 15.427378 193.804443 0.657547
0.012990 1.307390 229.825296 0.657547
0.64922 15.427378 193.804443 0.657547
0.012990 2.031292 275.317375

COMB CAR ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -19.969178 -133.494523 -1.208740
-0.005718 -0.893718 -29.577604 -1.208740
0.16230 -19.969178 -133.494523 -1.208740
-0.005718 -0.168352 -69.273606 -1.208740
0.32461 -19.969178 -133.494523 -1.208740
-0.005718 -0.318804 -142.428886 -1.208740
0.48691 -19.969178 -133.494523 -1.208740
-0.005718 -0.713543 -226.008042 -1.208740
0.64922 -19.969178 -133.494523 -1.208740
-0.005718 -1.110436 -333.747584

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 15.427378 193.804443 0.657547
0.012990 0.469072 194.757042 0.657547
0.16230 15.427378 193.804443 0.657547
0.012990 0.074047 189.139211 0.657547
0.32461 15.427378 193.804443 0.657547
0.012990 0.583615 198.181704 0.657547
0.48691 15.427378 193.804443 0.657547
0.012990 1.307390 229.825296 0.657547
0.64922 15.427378 193.804443 0.657547
0.012990 2.031292 275.317375

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -19.969178 -133.494523 -1.208740
-0.005718 -0.893718 -29.577604 -1.208740
0.16230 -19.969178 -133.494523 -1.208740
-0.005718 -0.168352 -69.273606 -1.208740
0.32461 -19.969178 -133.494523 -1.208740
-0.005718 -0.318804 -142.428886 -1.208740
0.48691 -19.969178 -133.494523 -1.208740
-0.005718 -0.713543 -226.008042 -1.208740
0.64922 -19.969178 -133.494523 -1.208740
-0.005718 -1.110436 -333.747584

0.48691 -19.969178 -133.494523 -1.208740
0.005718 -0.713543 -226.008042 -1.208740
0.005718 -19.969178 -133.494523 -1.208740
-0.005718 -0.110436 -333.747584
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FRAME ELEMENT INTERNAL FORCES

ELEM 109 ----- LENGTH 3.705883

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.35079 2.895052 6.646147 0.215684
0.002027 0.320473 10.568399
0.51310 2.895052 6.646147 0.215684
0.002027 0.190745 7.496493 0.215684
0.67540 2.895052 6.646147 0.215684
0.002027 0.085052 6.646147 0.215684
0.83770 2.895052 6.646147 0.215684
0.002027 0.121857 6.646147 0.215684
1.00000 2.895052 6.646147 0.215684
0.002027 0.355259 1.901243

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.35079 2.895052 6.646147 0.215684
0.002027 0.320473 10.568399
0.51310 2.895052 6.646147 0.215684
0.002027 0.190745 7.496493 0.215684
0.67540 2.895052 6.646147 0.215684
0.002027 0.085052 6.646147 0.215684
0.83770 2.895052 6.646147 0.215684
0.002027 0.121857 6.646147 0.215684
1.00000 2.895052 6.646147 0.215684
0.002027 0.355259 1.901243

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.35079 9.384755 24.213900 0.347718
0.009943 0.517155 112.080517
0.009943 9.384755 24.213900 0.347718
0.67540 9.384755 24.213900 0.347718
0.009943 0.098713 116.101626 0.347718
0.83770 9.384755 24.213900 0.347718
0.009943 0.263632 166.513393 0.347718
1.00000 9.384755 24.213900 0.347718
0.009943 0.712504 219.546235

COMB DB-G1-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.35079 -4.502827 -130.526162 -0.746544
-0.006362 -1.083594 -108.502851 -0.746544
0.51310 -4.502827 -130.526162 -0.746544
-0.006362 -0.640307 -47.515066 -0.746544
0.67540 -4.502827 -130.526162 -0.746544
-0.006362 -0.212372 -27.786010 -0.746544
0.83770 -4.502827 -130.526162 -0.746544
-0.006362 -0.110101 -12.616266 -0.746544
1.00000 -4.502827 -130.526162 -0.746544
-0.006362 -0.319375 -0.000000

COMB DB-G1-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.35079 10.985975 35.620242 0.536687
0.008548 0.798213 142.816258 0.536687
0.51310 10.985975 35.620242 0.536687
0.008548 0.475382 130.175303 0.536687
0.67540 10.985975 35.620242 0.536687
0.008548 0.152438 128.034252 0.536687
0.83770 10.985975 35.620242 0.536687
0.008548 0.324064 161.250262 0.536687
1.00000 10.985975 35.620242 0.536687
0.008548 0.898033 214.676896

COMB DB-G1-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.35079 -5.982105 -130.402266 -0.954485
-0.006762 -1.398347 -114.488084 -0.954485
0.51310 -5.982105 -130.402266 -0.954485
-0.006762 -0.829015 -50.754692 -0.954485
0.67540 -5.982105 -130.402266 -0.954485
-0.006762 -0.272427 -25.961257 -0.954485
0.83770 -5.982105 -130.402266 -0.954485
-0.006762 -0.170033 -10.706128 -0.954485
1.00000 -5.982105 -130.402266 -0.954485
-0.006762 -0.492599 -0.000000

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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3

0.83770 -5.982105 -130.402266 -0.954485

0.006762 -0.170033 -10.706128 -0.954485

1.00000 -5.982105 -130.402266 -0.954485

-0.006762 -0.492599 -0.000000

COMB DB-G2-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.35079 2.547938 24.946226 0.311491
0.010711 0.463181 98.021682 0.311491
0.51310 2.547938 24.946226 0.311491
0.010711 0.275829 34.312397 0.311491
0.67540 2.547938 24.946226 0.311491
0.010711 0.089452 20.7242 0.311491
0.83770 2.547938 24.946226 0.311491
0.010711 0.101852 7.351621 0.311491
1.00000 2.547938 24.946226 0.311491
0.010711 0.297008 1.377779

COMB DB-G2-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.35079 -2.950058 -2.992208 -0.324464
-0.002008 -0.489616 -29.00848 -0.324464
0.51310 -2.950058 -2.992208 -0.324464
-0.002008 -0.288484 -20.487115 -0.324464
0.67540 -2.950058 -2.992208 -0.324464
-0.002008 -0.093377 -3.236169 -0.324464
0.83770 -2.950058 -2.992208 -0.324464
-0.002008 -0.098780 -23.944423 -0.324464
1.00000 -2.950058 -2.992208 -0.324464
-0.002008 -0.286229 -26.629055

COMB DB-G2-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.35079 9.402324 33.238169 0.473836
0.007171 0.704996 119.281780 0.473836
0.51310 9.402324 33.238169 0.473836
0.007171 0.419974 108.788077 0.473836
0.67540 9.402324 33.238169 0.473836
0.007171 0.134953 109.834486 0.473836
0.83770 9.402324 33.238169 0.473836
0.007171 0.240126 149.078676 0.473836
1.00000 9.402324 33.238169 0.473836
0.007171 0.847786 191.145050

COMB DB-G2-2 ----- MIN

REL DIST T P M2 M3 V2 V3

0.35079 -3.896957 -107.314281 -0.678010
-0.008342 -0.983460 -72.444227 -0.678010
0.51310 -3.896957 -107.314281 -0.678010
-0.008342 -0.581034 -23.925673 -0.678010
0.67540 -3.896957 -107.314281 -0.678010
-0.008342 -0.192958 -13.317801 -0.678010
0.83770 -3.896957 -107.314281 -0.678010
-0.008342 -0.149949 -6.154789 -0.678010
1.00000 -3.896957 -107.314281 -0.678010
-0.008342 -0.434972 -0.131196

COMB DB-G2-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.35079 10.449760 52.573907 0.563576
0.007939 0.983460 199.040365 0.563576
0.51310 10.449760 52.573907 0.563576
0.007939 0.499246 176.469618 0.563576
0.67540 10.449760 52.573907 0.563576
0.007939 0.160167 164.827891 0.563576
0.83770 10.449760 52.573907 0.563576
0.007939 0.320126 188.794218 0.563576
1.00000 10.449760 52.573907 0.563576
0.007939 0.884061 215.256848

COMB DB-G2-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.35079 -6.606281 -114.048458 -0.937813
-0.007693 -1.372228 -90.153887 -0.937813
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.51310 -6.606281 -114.048458 -0.937813
-0.007693 -0.267501 -18.884891 -0.937813
0.67540 -6.606281 -114.048458 -0.937813
-0.007693 -0.151593 -15.0159 -0.937813
1.00000 -6.606281 -114.048458 -0.937813
-0.007693 -0.517633 -0.127965

COMB DL-G1-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.35079 2.743832 8.781044 0.297679
0.002137 0.442485 17.926558 0.297679
0.51310 2.743832 8.781044 0.297679
0.002137 0.263477 12.640439 0.297679
0.67540 2.743832 8.781044 0.297679
0.002137 0.084420 6.64253 0.297679
0.83770 2.743832 8.781044 0.297679
0.002137 0.177418 4.328844 0.297679
1.00000 2.743832 8.781044 0.297679
0.002137 0.516525 1.993935

COMB DL-G1-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.35079 -2.545552 -24.840246 -0.564309
-0.007693 -0.830563 -61.662446 -0.564309
0.51310 -2.545552 -24.840246 -0.564309
-0.007693 -0.500508 -46.830012 -0.564309
0.67540 -2.545552 -24.840246 -0.564309
-0.007693 -0.181344 -3.28644 -0.564309
0.83770 -2.545552 -24.840246 -0.564309
-0.007693 -0.094657 -18.296987 -0.564309
1.00000 -2.545552 -24.840246 -0.564309
-0.007693 -0.273518 -6.521424

COMB DL-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.35079 -6.606281 -130.526162 -1.456977
-0.008438 -2.146032 -116.985533
0.51310 -6.606281 -130.526162 -1.456977
0.008438 -1.276978 -51.885710
0.67540 -6.606281 -130.526162 -1.456977
-0.008438 -0.412815 -32.328644
0.83770 -6.606281 -130.526162 -1.456977
-0.008438 -0.267607 -23.944423
1.00000 -6.606281 -130.526162 -1.456977
-0.008438 -0.761578 -26.629055

COMB DESIGN MAX
REL DIST P M2 V2 V3
0.35079 10.985975 52.573907 0.831719
0.009943 1.236910 199.040365
0.51310 10.985975 52.573907 0.831719
0.009943 0.735187 176.469618
0.67540 10.985975 52.573907 0.831719
0.009943 0.235764 164.827891
0.83770 10.985975 52.573907 0.831719
0.009943 0.481468 189.794218
1.00000 10.985975 52.573907 0.831719
0.009943 1.355555 219.546235

COMB DESIGN MIN
REL DIST P M2 V2 V3
0.35079 -6.606281 -130.526162 -1.456977
-0.008438 -2.146032 -116.985533
0.51310 -6.606281 -130.526162 -1.456977
-0.008438 -1.276978 -51.885710
0.67540 -6.606281 -130.526162 -1.456977
-0.008438 -0.412815 -32.328644
0.83770 -6.606281 -130.526162 -1.456977
-0.008438 -0.267607 -23.944423
1.00000 -6.606281 -130.526162 -1.456977
-0.008438 -0.761578 -26.629055

ELEM L110 LENGTH
COMB DB-G1-1 MAX
REL DIST P M2 V2 V3
0.00000 2.969315 5.744763 0.215832
0.002063 0.198319 1.904559
0.16233 2.969315 5.744763 0.215832
0.002063 0.068425 13.854813
0.32466 2.969315 5.744763 0.215832
0.002063 0.101547 28.391788
0.24669 2.969315 5.744763 0.215832
0.002063 0.313484 42.999861
0.64931 2.969315 5.744763 0.215832
0.002063 0.525433 57.617245

COMB DB-G1-1 MIN
REL DIST P M2 V2 V3
0.00000 -2.890333 -24.364767 -0.352229
-2.31E-05 -0.322407 -6.740187
0.16233 -2.890333 -24.364767 -0.352229
-2.31E-05 -0.061376 -12.675141
0.32466 -2.890333 -24.364767 -0.352229
-2.31E-05 -0.061376 -12.675141
0.48698 -2.890333 -24.364767 -0.352229
-2.31E-05 -0.159819 -39.33742
0.64931 -2.890333 -24.364767 -0.352229
-2.31E-05 -0.321188 -19.333742

COMB DB-G1-2 MAX
REL DIST P M2 V2 V3
0.00000 4.079221 116.174162 0.350069
0.008768 0.321727 220.081604
0.16233 4.079221 116.174162 0.350069
0.008768 0.008768 168.640970
0.32466 4.079221 116.174162 0.350069
0.008768 0.201146 127.241853
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 V2 V3
0.48698 4.079221 116.174162 0.350069
0.008768 0.008768 168.640970
0.64931 4.079221 116.174162 0.350069
0.008768 0.101868 104.454011

COMB DB-G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -9.971930 -38.646780 -0.701593
-0.007682 -0.670033 -0.000629
0.16233 -9.971930 -38.646780 -0.701593
-0.007682 -0.249400 -1.808566
0.32466 -9.971930 -38.646780 -0.701593
-0.007682 -0.084048 -7.087104
0.48698 -9.971930 -38.646780 -0.701593
-0.007682 -0.310206 -18.536552
0.64931 -9.971930 -38.646780 -0.701593
-0.007682 -0.520876 -70.004149

COMB DB-G1-3 MAX
REL DIST P M2 V2 V3
0.00000 6.695729 111.724583 0.539600
0.007458 0.496751 215.103876
0.16233 6.695729 111.724583 0.539600
0.007458 0.170894 184.408820
0.32466 6.695729 111.724583 0.539600
0.007458 0.289397 163.560820
0.48698 6.695729 111.724583 0.539600
0.007458 0.815690 177.859740
0.64931 6.695729 111.724583 0.539600
0.007458 1.375034 202.127309

COMB DB-G1-3 MIN
REL DIST P M2 V2 V3
0.00000 -10.446202 -55.178267 -0.937265
-0.007682 -0.446202 -55.178267 -0.937265
-0.007682 -0.317123 -1.635852
0.32466 -10.446202 -55.178267 -0.937265
-0.007682 -0.130779 -3.070445
0.48698 -10.446202 -55.178267 -0.937265
-0.007682 -0.478337 -31.601887
0.64931 -10.446202 -55.178267 -0.937265
-0.007682 -0.803055 -83.538885

COMB DB-G2-1 MAX
REL DIST P M2 V2 V3
0.00000 2.632795 22.787183 0.312313
0.00000 0.286746 3.773940
0.16233 2.632795 22.787183 0.312313
0.238E-05 0.098785 1.477519
0.32466 2.632795 22.787183 0.312313
0.00000 0.101699 177.560999
0.48698 2.632795 22.787183 0.312313
0.238E-05 0.314514 4.411290
0.64931 2.632795 22.787183 0.312313
0.238E-05 0.527332 6.109666

COMB DB-G2-1 MIN
REL DIST P M2 V2 V3
0.00000 -2.632795 -22.787183 -0.312313
-0.00000 -0.286746 -3.773940
0.16233 -2.632795 -22.787183 -0.312313
-0.238E-05 -0.098785 -1.477519
0.32466 -2.632795 -22.787183 -0.312313
0.00000 -0.101699 -177.560999
0.48698 -2.632795 -22.787183 -0.312313
-0.238E-05 -0.314514 -4.411290
0.64931 -2.632795 -22.787183 -0.312313
-0.238E-05 -0.527332 -6.109666

0.00000 -2.878515 -2.881380 -0.353673
0.002046 -0.323957 -26.642993
0.16233 -2.878515 -2.881380 -0.353673
0.002046 -0.111135 -29.304508
0.32466 -2.878515 -2.881380 -0.353673
0.002046 -0.080997 -36.013640
0.48698 -2.878515 -2.881380 -0.353673
0.002046 -0.277056 -49.203771
0.64931 -2.878515 -2.881380 -0.353673
0.002046 -0.464990 -62.660598

COMB DB-G2-2 MAX
REL DIST P M2 V2 V3
0.00000 4.491104 120.188008 0.477069
0.005956 0.438178 191.634963
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 V2 V3
0.16233 4.491104 120.188008 0.477069
0.005956 0.151068 142.582723
0.32466 4.491104 120.188008 0.477069
0.005956 0.204165 95.705115
0.005956 4.491104 120.188008 0.477069
0.64931 4.491104 120.188008 0.477069
0.005956 0.313326 88.035087
0.64931 4.491104 120.188008 0.477069
0.005956 1.037071 91.585430

COMB DB-G2-2 MIN
REL DIST P M2 V2 V3
0.00000 -9.047739 -22.412861 -0.712899
-0.009488 -0.678873 -0.126929
0.16233 -9.047739 -22.412861 -0.712899
-0.009488 -0.250065 -14.264302
0.32466 -9.047739 -22.412861 -0.712899
-0.009488 -0.135934 -29.728357
0.48698 -9.047739 -22.412861 -0.712899
-0.009488 -0.420044 -47.616824
0.64931 -9.047739 -22.412861 -0.712899
-0.009488 -0.710126 -102.960799

COMB DB-G2-3 MAX
REL DIST P M2 V2 V3
0.00000 5.927692 132.627749 0.566574
0.007004 0.520469 156.699748
0.16233 5.927692 132.627749 0.566574
0.007004 0.179408 158.084582
0.32466 5.927692 132.627749 0.566574
0.007004 0.270332 119.249222
0.48698 5.927692 132.627749 0.566574
0.007004 0.818148 120.055909
0.64931 5.927692 132.627749 0.566574
0.007004 1.379559 131.602970

COMB DB-G2-3 MIN
REL DIST P M2 V2 V3
0.00000 -11.304481 -35.001255 -0.941083
-0.008931 -0.685623 -0.162333
0.16233 -11.304481 -35.001255 -0.941083
-0.008931 -0.319519 -13.326147
0.32466 -11.304481 -35.001255 -0.941083
-0.008931 -0.161252 -34.168122
0.48698 -11.304481 -35.001255 -0.941083
-0.008931 -0.502332 -49.607305
0.64931 -11.304481 -35.001255 -0.941083
-0.008931 -0.843723 -111.874763

COMB DB-G1-1 MAX
REL DIST P M2 V2 V3
0.00000 2.800318 8.109660 0.297516
0.002217 0.273152 15.219477
0.16233 2.800318 8.109660 0.297516
0.002217 0.094308 13.994809
0.32466 2.800318 8.109660 0.297516
0.002217 0.150037 28.810368
0.48698 2.800318 8.109660 0.297516
0.002217 0.464806 43.881242
0.64931 2.800318 8.109660 0.297516
0.002217 0.779394 58.910214

COMB DB-G1-1 MIN
REL DIST P M2 V2 V3
0.00000 -2.463927 -25.110168 -0.523515
-2.21E-05 -0.479096 -6.545063
0.16233 -2.463927 -25.110168 -0.523515
-2.21E-05 -0.164293 -19.573736
0.32466 -2.463927 -25.110168 -0.523515
-2.21E-05 -0.084777 -13.834080
0.48698 -2.463927 -25.110168 -0.523515
-2.21E-05 -0.263712 -18.555811
0.64931 -2.463927 -25.110168 -0.523515
-2.21E-05 -0.442801 -23.316923
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COMB DB-G1-2 MAX
REL DIST P M2 V2 V3
0.00000 6.695729 111.724583 0.539600
0.007458 0.496751 215.103876
0.16233 6.695729 111.724583 0.539600
0.007458 0.170894 184.408820
0.32466 6.695729 111.724583 0.539600
0.007458 0.289397 163.560820
0.48698 6.695729 111.724583 0.539600
0.007458 0.815690 177.859740
0.64931 6.695729 111.724583 0.539600
0.007458 1.375034 202.127309

COMB DB-G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -9.971930 -38.646780 -0.701593
-0.007682 -0.670033 -0.000629
0.16233 -9.971930 -38.646780 -0.701593
-0.007682 -0.249400 -1.808566
0.32466 -9.971930 -38.646780 -0.701593
-0.007682 -0.084048 -7.087104
0.48698 -9.971930 -38.646780 -0.701593
-0.007682 -0.310206 -18.536552
0.64931 -9.971930 -38.646780 -0.701593
-0.007682 -0.520876 -70.004149

COMB DB-G1-3 MAX
REL DIST P M2 V2 V3
0.00000 6.695729 111.724583 0.539600
0.007458 0.496751 215.103876
0.16233 6.695729 111.724583 0.539600
0.007458 0.170894 184.408820
0.32466 6.695729 111.724583 0.539600
0.007458 0.289397 163.560820
0.48698 6.695729 111.724583 0.539600
0.007458 0.815690 177.859740
0.64931 6.695729 111.724583 0.539600
0.007458 1.375034 202.127309

COMB DB-G1-3 MIN
REL DIST P M2 V2 V3
0.00000 -10.446202 -55.178267 -0.937265
-0.007682 -0.446202 -55.178267 -0.937265
-0.007682 -0.317123 -1.635852
0.32466 -10.446202 -55.178267 -0.937265
-0.007682 -0.130779 -3.070445
0.48698 -10.446202 -55.178267 -0.937265
-0.007682 -0.478337 -31.601887
0.64931 -10.446202 -55.178267 -0.937265
-0.007682 -0.803055 -83.538885

COMB DB-G2-1 MAX
REL DIST P M2 V2 V3
0.00000 2.632795 22.787183 0.312313
0.00000 0.286746 3.773940
0.16233 2.632795 22.787183 0.312313
0.238E-05 0.098785 1.477519
0.32466 2.632795 22.787183 0.312313
0.00000 0.101699 177.560999
0.48698 2.632795 22.787183 0.312313
0.238E-05 0.314514 4.411290
0.64931 2.632795 22.787183 0.312313
0.238E-05 0.527332 6.109666

COMB DB-G2-1 MIN
REL DIST P M2 V2 V3
0.00000 -2.632795 -22.787183 -0.312313
-0.00000 -0.286746 -3.773940
0.16233 -2.632795 -22.787183 -0.312313
-0.238E-05 -0.098785 -1.477519
0.32466 -2.632795 -22.787183 -0.312313
0.00000 -0.101699 -177.560999
0.48698 -2.632795 -22.787183 -0.312313
-0.238E-05 -0.314514 -4.411290
0.64931 -2.632795 -22.787183 -0.312313
-0.238E-05 -0.527332 -6.109666

REL DIST P M2 V2 V3
0.00000 -8.994191 -52.729429 -1.414187
-0.007009 -1.313673 0.000000
0.16233 -8.994191 -52.729429 -1.414187
-0.007009 -0.464907 -2.055439
0.32466 -8.994191 -52.729429 -1.414187
-0.007009 -0.225894 -14.772918
0.48698 -8.994191 -52.729429 -1.414187
-0.007009 -0.934750 -32.587273
0.64931 -8.994191 -52.729429 -1.414187
-0.007009 -1.185365 -88.044316

COMB DL-G2-1 MAX
REL DIST P M2 V2 V3
0.00000 2.182736 23.978324 0.441829
0.220E-05 0.404658 1.386551
0.16233 2.182736 23.978324 0.441829
0.220E-05 0.139006 1.717790
0.32466 2.182736 23.978324 0.441829
0.220E-05 0.195377 3.324835
0.48698 2.182736 23.978324 0.441829
0.220E-05 0.606507 5.135741
0.64931 2.182736 23.978324 0.441829
0.220E-05 1.017164 7.077063

COMB DL-G2-1 MIN
REL DIST P M2 V2 V3
0.00000 -2.729897 -3.379955 -0.683331
-0.002138 -0.628187 -26.459546 -0.683331
0.16233 -2.729897 -3.379955 -0.683331
-0.002138 -0.215249 -35.673110 -0.683331
0.32466 -2.729897 -3.379955 -0.683331
0.220E-05 0.125536 -46.739075 -0.683331
0.48698 -2.729897 -3.379955 -0.683331
-0.002138 -0.391181 -60.813539 -0.683331
0.64931 -2.729897 -3.379955 -0.683331
-0.002138 -0.657742 -75.112666 -0.683331
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 V2 V3
0.00000 3.878254 106.360488 0.697232
0.005912 0.638563 179.358784
0.16233 3.878254 106.360488 0.697232
0.005912 0.225813 138.348186
0.32466 3.878254 106.360488 0.697232
0.005912 0.334710 99.049470 0.697232
0.48698 3.878254 106.360488 0.697232
0.005912 0.934750 39.461307 0.697232
0.64931 3.878254 106.360488 0.697232
0.005912 1.730050 94.886889 0.697232

COMB DL-G2-2 MAX
REL DIST P M2 V2 V3
0.00000 5.244726 116.225744 0.837423
0.006936 0.676705 201.157245 0.837423
0.16233 5.244726 116.225744 0.837423
0.006936 0.269914 161.137392 0.837423
0.32466 5.244726 116.225744 0.837423
0.006936 0.410933 124.219793 0.837423
0.48698 5.244726 116.225744 0.837423
0.006936 1.290507 124.219793 0.837423
0.64931 5.244726 116.225744 0.837423
0.006936 2.167158 136.760218 0.837423

COMB DL-G2-2 MIN
REL DIST P M2 V2 V3
0.00000 -8.051234 -22.363345 -1.176812
-0.008794 -0.098211 -0.162333 -1.176812
0.16233 -8.051234 -22.363345 -1.176812
-0.008794 -0.394015 -14.162756 -1.176812
0.32466 -8.051234 -22.363345 -1.176812
0.008794 -0.197234 -29.423284 -1.176812
0.48698 -8.051234 -22.363345 -1.176812
-0.008794 -0.616093 -46.994025 -1.176812
0.64931 -8.051234 -22.363345 -1.176812
-0.008794 -1.037274 -106.624028 -1.176812

COMB DL-G2-3 MAX
REL DIST P M2 V2 V3
0.00000 5.244726 116.225744 0.837423
0.006936 0.676705 201.157245 0.837423
0.16233 5.244726 116.225744 0.837423
0.006936 0.269914 161.137392 0.837423
0.32466 5.244726 116.225744 0.837423
0.006936 0.410933 124.219793 0.837423
0.48698 5.244726 116.225744 0.837423
0.006936 1.290507 124.219793 0.837423
0.64931 5.244726 116.225744 0.837423
0.006936 2.167158 136.760218 0.837423

-0.006966	-0.653116	-67.167881	
0.67535	-0.222989	-132.966838	-0.736533
-0.006966	-0.222989	-132.966838	
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REL DIST	P	M2	V2
	T	M3	V3
0.83768	-10.222989	-132.966838	-0.736533
-0.006966	-0.47073	-1.175108	
1.00000	-10.222989	-132.966838	-0.736533
-0.006966	-0.449061	-0.00000	
COMB DB-G2-1 ----- MAX			
REL DIST	P	M2	V2
	T	M3	V3
0.35070	8.017238	1.691013	0.290360
0.006819	0.409E-05	3.109867	
0.51303	8.017238	1.691013	0.290360
1.49E-05	0.265500	2.591493	
0.67535	8.017238	1.691013	0.290360
1.49E-05	0.090797	0.090797	
0.83768	8.017238	1.691013	0.290360
1.49E-05	0.077015	1.624891	
1.00000	8.017238	1.691013	0.290360
1.49E-05	0.237318	1.170270	
COMB DB-G2-1 ----- MIN			
REL DIST	P	M2	V2
	T	M3	V3
0.35070	-0.811072	-37.749444	-0.266344
-0.001395	-0.403731	-110.964762	
0.51303	-0.811072	-37.749444	-0.266344
-0.001395	-0.23469	-88.288862	
0.67535	-0.811072	-37.749444	-0.266344
0.001395	-0.083187	-65.843053	
0.83768	-0.811072	-37.749444	-0.266344
-0.001395	-0.083187	-43.051363	
1.00000	-0.811072	-37.749444	-0.266344
-0.001395	-0.258639	-21.422519	
COMB DB-G2-2 ----- MAX			
REL DIST	P	M2	V2
	T	M3	V3
0.35070	15.928644	10.526504	0.434749
0.006713	0.659619	54.186472	
0.51303	15.928644	10.526504	0.434749
0.006713	0.394026	10.526504	0.434749
0.67535	15.928644	10.526504	0.434749
0.006713	0.136392	62.482958	
0.83768	15.928644	10.526504	0.434749
0.006713	0.183156	12.019235	
1.00000	15.928644	10.526504	0.434749
0.006713	0.507154	179.177584	
COMB DB-G2-2 ----- MIN			
REL DIST	P	M2	V2
	T	M3	V3
0.35070	-1.504348	-152.072270	-0.538466
-0.008312	-0.791295	-191.968740	
0.51303	-1.504348	-152.072270	-0.538466
-0.008312	-0.467678	-111.997149	
0.67535	-1.504348	-152.072270	-0.538466
-0.008312	-0.172615	-68.241628	
0.83768	-1.504348	-152.072270	-0.538466
-0.008312	-0.126860	-57.067161	
1.00000	-1.504348	-152.072270	-0.538466
-0.008312	-0.386754	-20.229513	
COMB DB-G2-3 ----- MAX			
REL DIST	P	M2	V2
	T	M3	V3
0.35070	15.020730	55.339222	0.526307
0.007171	0.799205	189.747117	
0.51303	15.020730	55.339222	0.526307
0.007171	0.481521	161.205773	
0.67535	15.020730	55.339222	0.526307
0.007171	0.164786	47.472511	
0.83768	15.020730	55.339222	0.526307
0.007171	0.235802	171.027350	
1.00000	15.020730	55.339222	0.526307
0.007171	0.575586	197.732258	
COMB DB-G2-3 ----- MIN			
REL DIST	P	M2	V2
	T	M3	V3
0.35070	-7.913487	-140.427639	-0.730861
-0.007689	-1.007689	-174.241297	
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REL DIST	P	M2	V2
	T	M3	V3
0.51303	-7.913487	-140.427639	-0.730861
-0.007689	-0.646362	-101.022884	
0.67535	-7.913487	-140.427639	-0.730861
-0.007689	-0.233659	-81.463226	
0.83768	-7.913487	-140.427639	-0.730861
-0.007689	-0.153319	-29.811926	
1.00000	-7.913487	-140.427639	-0.730861
-0.007689	-0.468531	-0.218175	
COMB DL-G1-1 ----- MAX			
REL DIST	P	M2	V2
	T	M3	V3
0.35070	0.663670	39.674760	0.282760
0.001422	0.429580	90.149256	
0.51303	0.663670	39.674760	0.282760
0.001422	0.258518	66.377227	
0.67535	0.663670	39.674760	0.282760
0.001422	0.088413	42.703743	
0.83768	0.663670	39.674760	0.282760
0.001422	0.124435	19.295306	
1.00000	0.663670	39.674760	0.282760
0.001422	0.388685	1.939429	
COMB DL-G1-1 ----- MIN			
REL DIST	P	M2	V2
	T	M3	V3
0.35070	-7.011549	-1.900953	-0.439582
-2.16E-05	-0.668234	-3.846017	
0.51303	-7.011549	-1.900953	-0.439582
-2.16E-05	-0.403733	-2.952710	
0.67535	-7.011549	-1.900953	-0.439582
-2.16E-05	-0.139494	-2.165926	
0.83768	-7.011549	-1.900953	-0.439582
-2.16E-05	-0.081812	-1.891139	
1.00000	-7.011549	-1.900953	-0.439582
-2.16E-05	-0.251972	-6.606542	
COMB DL-G1-2 ----- MAX			
REL DIST	P	M2	V2
	T	M3	V3
0.35070	6.142020	63.004922	0.460796
0.008185	0.699092	209.369887	
0.51303	6.142020	63.004922	0.460796
0.008185	0.421297	175.135819	
0.67535	6.142020	63.004922	0.460796
0.008185	0.144453	150.703858	
0.83768	6.142020	63.004922	0.460796
0.008185	0.258606	180.549154	
1.00000	6.142020	63.004922	0.460796
0.008185	0.733175	201.775701	
COMB DL-G1-2 ----- MIN			

REL DIST	P	M2	V2	V3
	T	M3		
0.35070	-9.014124	-91.573907	-0.797543	
-0.006579	-1.185549	-62.046893		
0.51303	-9.014124	-91.573907	-0.797543	
-0.006579	-0.705889	-10.604462		
0.67535	-9.014124	-91.573907	-0.797543	
-0.006579	-0.251623	-0.332003		
0.83768	-9.014124	-91.573907	-0.797543	
-0.006579	-0.140865	-0.033019		
1.00000	-9.014124	-91.573907	-0.797543	
-0.006579	-0.410734	-0.000000		
COMB DL-G1-3 ----- MAX				
REL DIST	P	M2	V2	V3
	T	M3		
0.35070	10.713131	56.862283	0.728233	
0.006819	1.104009	194.844263		
0.51303	10.713131	56.862283	0.728233	
0.006819	0.665204	164.834831		
0.67535	10.713131	56.862283	0.728233	
0.006819	0.227716	150.614039		
0.83768	10.713131	56.862283	0.728233	
0.006819	0.352402	168.257772		
1.00000	10.713131	56.862283	0.728233	
0.006819	1.040009	199.314258		
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COMB DL-G1-3 ----- MIN				
REL DIST	P	M2	V2	V3
	T	M3		
0.35070	-8.585227	-117.402157	-1.147864	
-0.006427	-1.720719	-123.936190		
0.51303	-8.585227	-117.402157	-1.147864	
-0.006427	-0.030572	-56.874218		
0.67535	-8.585227	-117.402157	-1.147864	
-0.006427	-0.361192	-23.932438		
0.83768	-8.585227	-117.402157	-1.147864	
-0.006427	-0.222822	-16.504851		
1.00000	-8.585227	-117.402157	-1.147864	
-0.006427	-0.647533	-0.000000		
COMB DL-G2-1 ----- MAX				
REL DIST	P	M2	V2	V3
	T	M3		
0.35070	6.687049	1.650485	0.406539	
1.34E-05	0.616406	3.236697		
0.51303	6.687049	1.650485	0.406539	
1.34E-05	0.371039	2.745827		
0.67535	6.687049	1.650485	0.406539	
1.34E-05	0.126636	2.265199		
0.83768	6.687049	1.650485	0.406539	
1.34E-05	0.165884	1.803164		
1.00000	6.687049	1.650485	0.406539	
1.34E-05	0.483932	1.345304		
COMB DL-G2-1 ----- MIN				
REL DIST	P	M2	V2	V3
	T	M3		
0.35070	-0.659361	-34.718141	-0.543951	
-0.001436	-0.824050	-107.327684		
0.51303	-0.659361	-34.718141	-0.543951	
-0.001436	-0.496900	-86.540743		
0.67535	-0.659361	-34.718141	-0.543951	
-0.001436	-0.169821	-65.717431		
0.83768	-0.659361	-34.718141	-0.543951	
-0.001436	-0.116754	-45.222361		
1.00000	-0.659361	-34.718141	-0.543951	
-0.001436	-0.361137	-24.847820		
COMB DL-G2-2 ----- MAX				
REL DIST	P	M2	V2	V3
	T	M3		
0.35070	13.485846	68.077719	0.628124	
0.006086	0.350700	68.077719	0.628124	
0.51303	13.485846	68.077719	0.628124	
0.006086	0.573480	65.584584		
0.67535	13.485846	68.077719	0.628124	
0.006086	0.195985	79.399101		
0.83768	13.485846	68.077719	0.628124	
0.006086	0.296429	126.373188		
1.00000	13.485846	68.077719	0.628124	
0.006086	0.855989	175.821260		
COMB DL-G2-2 ----- MIN				
REL DIST	P	M2	V2	V3
	T	M3		
0.35070	-1.367328	-134.607034	-0.935190	
-0.007780	-0.394180	-179.135400		
0.51303	-1.367328	-134.607034	-0.935190	
-0.007780	-0.831678	-101.354917		
0.67535	-1.367328	-134.607034	-0.935190	
-0.007780	-0.292680	-61.244304		
0.83768	-1.367328	-134.607034	-0.935190	
-0.007780	-0.194787	-29.476588		
1.00000	-1.367328	-134.607034	-0.935190	
-0.007780	-0.558314	-0.280960		
COMB DL-G2-3 ----- MAX				
REL DIST	P	M2	V2	V3
	T	M3		
0.35070	12.595352	51.712140	0.762194	
0.006434	1.156318	200.258859		
0.51303	12.595352	51.712140	0.762194	
0.006434	0.696222	172.631422		
0.67535	12.595352	51.712140	0.762194	
0.006434	0.238137	159.655179		
0.83768	12.595352	51.712140	0.762194	
0.006434	0.363544	177.222719		
1.00000	12.595352	51.712140	0.762194	
0.006434	1.071394	197.083697		
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COMB DL-G2-3 ----- MIN				
REL DIST	P	M2	V2	V3
	T	M3		
0.35070	-6.666747	-122.335723	-1.181479	
-0.007041	-1.770592	-161.695023		
0.51303	-6.666747	-122.335723	-1.181479	
-0.007041	-0.599393	-91.339832		
0.67535	-6.666747	-122.335723	-1.181479	
-0.007041	-0.370918	-55.130173		
0.83768	-6.666747	-122.335723	-1.181479	
-0.007041	-0.232186	-26.490730		
1.00000	-6.666747	-122.335723	-1.181479	
-0.007041	-0.677668	-0.249162		
COMB DB ----- MAX				
REL DIST	P	M2	V2	V3
	T	M3		
0.35070	15.928644	68.076108	0.526301	
0.008772	0.792605	204.262938		
0.51303	15.928644	68.076108	0.526301	
0.008772	0.481521	168.096454		
0.67535	15.928644	68.076108	0.526301	
0.008772	0.156786	150.836198		
0.83768	15.928644	68.076108	0.526301	
0.008772	0.235840	175.025020		
1.00000	15.928644	68.076108	0.526301	
0.008772	0.621934	185.652266		

REL DIST P M2 V2 V3
0.00000 -6.965886 -1.857253 -0.432824
-1.50E-05 -0.384782 -6.637844
0.16232 -6.965886 -1.857253 -0.432824
0.150E-05 -0.145629 -30.068241
0.32464 -6.965886 -1.857253 -0.432824
-1.50E-05 -0.088964 -53.596901
0.48696 -6.965886 -1.857253 -0.432824
-1.50E-05 -0.256995 -77.195705
0.64929 -6.965886 -1.857253 -0.432824
-1.50E-05 -0.430363 -100.855653
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COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.574398 139.044386 0.466069
0.008298 0.416211 201.805803
0.16232 1.574398 139.044386 0.466069
0.008298 0.151313 46.331761
0.32464 1.574398 139.044386 0.466069
0.008298 0.247181 96.905657
0.48696 1.574398 139.044386 0.466069
0.008298 0.694410 83.044718
0.64929 1.574398 139.044386 0.466069
0.008298 1.166998 87.805344

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -13.571706 -14.796274 -0.785751
-0.006855 -0.723501 0.000000
0.16232 -13.571706 -14.796274 -0.785751
-0.006855 -0.254028 21.324205
0.32464 -13.571706 -14.796274 -0.785751
-0.006855 -0.145385 -51.723566
0.48696 -13.571706 -14.796274 -0.785751
-0.006855 -0.426478 -90.564274
0.64929 -13.571706 -14.796274 -0.785751
-0.006855 -0.706259 -170.618359

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.044613 118.935115 0.734533
0.006933 0.653841 199.306471
0.16232 7.044613 118.935115 0.734533
0.006933 0.224743 178.920652
0.32464 7.044613 118.935115 0.734533
0.006933 0.361118 164.089638
0.48696 7.044613 118.935115 0.734533
0.006933 0.102829 178.546791
0.64929 7.044613 118.935115 0.734533
0.006933 1.716131 208.253246

COMB DL-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -12.294476 -55.268012 -1.144056
-0.006316 -1.035476 0.000000
0.16232 -12.294476 -55.268012 -1.144056
-0.006316 -0.350175 -18.770648
0.32464 -12.294476 -55.268012 -1.144056
-0.006316 -0.930474 -15.454270
0.48696 -12.294476 -55.268012 -1.144056
-0.006316 -0.670373 -81.130000
0.64929 -12.294476 -55.268012 -1.144056
-0.006316 -1.113439 -149.459148

COMB DL-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 6.725243 1.695000 0.407543
1.78E-05 0.134900 0.000000
0.16232 6.725243 1.695000 0.407543
1.78E-05 0.116621 4.204260
0.32464 6.725243 1.695000 0.407543
1.78E-05 0.174210 22.014434
0.48696 6.725243 1.695000 0.407543
1.78E-05 0.504898 42.741265
0.64929 6.725243 1.695000 0.407543
1.78E-05 0.835685 63.230120

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.652124 -34.899527 -0.550211
0.001410 -0.487213 -24.897019
0.16232 -0.652124 -34.899527 -0.550211
-0.001410 -0.156566 -12.794826
0.32464 -0.652124 -34.899527 -0.550211
0.001410 -0.127330 -34.899527 -0.550211
0.48696 -0.652124 -34.899527 -0.550211
0.001410 -0.372276 -11.726747
0.64929 -0.652124 -34.899527 -0.550211
0.001410 -0.618198 -12.313915
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.323026 81.727702 0.632758
0.006096 0.562898 175.821654
0.16232 9.323026 81.727702 0.632758
0.006096 0.196565 160.733855
0.32464 9.323026 81.727702 0.632758
0.006096 0.299493 106.066904
0.48696 9.323026 81.727702 0.632758
0.006096 0.844082 164.166700
0.64929 9.323026 81.727702 0.632758
0.006096 1.412124 199.464632

COMB DL-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -5.632210 -64.142825 -0.944556
0.007701 -0.860557 -0.273006
0.16232 -5.632210 -64.142825 -0.944556
-0.007701 -0.295356 0.170642
0.32464 -5.632210 -64.142825 -0.944556
0.007701 -0.197063 -0.518965
0.48696 -5.632210 -64.142825 -0.944556
-0.007701 -0.577322 8.429848
0.64929 -5.632210 -64.142825 -0.944556
-0.007701 -0.959690 -54.312556

COMB DL-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 8.829175 115.282328 0.768022
0.006591 0.683312 197.058077
0.16232 8.829175 115.282328 0.768022
0.006591 0.234949 46.331761
0.32464 8.829175 115.282328 0.768022
0.006591 0.373877 148.604359
0.48696 8.829175 115.282328 0.768022
0.006591 1.063931 162.952533
0.64929 8.829175 115.282328 0.768022
0.006591 1.774109 193.541813

COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -10.493962 -58.451951 -1.181980
-0.006969 -1.068962 -0.241969
0.16232 -10.493962 -58.451951 -1.181980
-0.006969 -0.360785 -0.150447
0.32464 -10.493962 -58.451951 -1.181980
-0.006969 -0.239486 -19.706156
0.48696 -10.493962 -58.451951 -1.181980
-0.006969 -0.700995 -50.143023
0.64929 -10.493962 -58.451951 -1.181980
-0.006969 -1.164561 -115.697469

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.00000 11.058941 156.300885 0.529272
0.008770 0.471102 203.117827
0.16232 11.058941 156.300885 0.529272
0.008770 0.153555 171.352874
0.008770 0.32464 156.300885 0.529272
0.008770 0.235276 152.401469
0.48696 11.058941 156.300885 0.529272
0.008770 0.648821 156.300885 0.529272
0.64929 11.058941 156.300885 0.529272
0.008770 1.088950 199.901341

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.00000 -15.975774 -69.438734 -0.732141
-0.008321 -0.675294 -21.446732
0.16232 -15.975774 -69.438734 -0.732141
-0.008321 -0.234795 -32.228032
0.32464 -15.975774 -69.438734 -0.732141
-0.008321 -0.165750 -59.659130
0.48696 -15.975774 -69.438734 -0.732141
-0.008321 -0.484258 -102.228093
0.64929 -15.975774 -69.438734 -0.732141
-0.008321 -0.802711 -182.951016
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.00000 9.323026 139.044386 0.768022
0.008298 0.883312 201.805803
0.16232 9.323026 139.044386 0.768022
0.008298 0.234349 178.920652
0.32464 9.323026 139.044386 0.768022
0.008298 0.373877 164.089638
0.48696 9.323026 139.044386 0.768022
0.008298 0.106395 178.546791
0.64929 9.323026 139.044386 0.768022
0.008298 1.774109 208.253246

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.00000 -13.571706 -64.142825 -1.181980
-0.007701 -0.689962 -24.897019
0.16232 -13.571706 -64.142825 -1.181980
-0.007701 -0.360785 -0.068824
0.32464 -13.571706 -64.142825 -1.181980
-0.007701 -0.239486 -53.596901
0.48696 -13.571706 -64.142825 -1.181980
-0.007701 -0.700995 -90.564274
0.64929 -13.571706 -64.142825 -1.181980
-0.007701 -1.164561 -170.618359

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 11.058941 156.300885 0.768022
0.008770 0.471102 203.117827
0.16232 11.058941 156.300885 0.768022
0.008770 0.234349 178.920652
0.32464 11.058941 156.300885 0.768022
0.008770 0.373877 164.089638
0.48696 11.058941 156.300885 0.768022
0.008770 0.648821 156.300885 0.768022
0.64929 11.058941 156.300885 0.768022
0.008770 1.774109 208.253246

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.00000 -15.975774 -69.438734 -1.181980
-0.008321 -0.689962 -24.897019
0.16232 -15.975774 -69.438734 -1.181980
-0.008321 -0.360785 -0.068824
0.32464 -15.975774 -69.438734 -1.181980
-0.008321 -0.239486 -53.596901
0.48696 -15.975774 -69.438734 -1.181980
-0.008321 -0.700995 -102.228093
0.64929 -15.975774 -69.438734 -1.181980
-0.008321 -1.164561 -182.951016

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 11.058941 156.300885 0.768022
0.008770 0.683312 203.117827
0.16232 11.058941 156.300885 0.768022
0.008770 0.234349 178.920652
0.32464 11.058941 156.300885 0.768022
0.008770 0.373877 164.089638
0.48696 11.058941 156.300885 0.768022
0.008770 0.648821 156.300885 0.768022
0.64929 11.058941 156.300885 0.768022
0.008770 1.774109 208.253246

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.00000 -15.975774 -69.438734 -1.181980
-0.008321 -0.689962 -24.897019
0.16232 -15.975774 -69.438734 -1.181980
-0.008321 -0.360785 -0.068824
0.32464 -15.975774 -69.438734 -1.181980
-0.008321 -0.239486 -53.596901
0.48696 -15.975774 -69.438734 -1.181980
-0.008321 -0.700995 -102.228093
0.64929 -15.975774 -69.438734 -1.181980
-0.008321 -1.164561 -182.951016

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 11.058941 156.300885 0.768022
0.008770 0.683312 203.117827
0.16232 11.058941 156.300885 0.768022
0.008770 0.234349 178.920652
0.32464 11.058941 156.300885 0.768022
0.008770 0.373877 164.089638
0.48696 11.058941 156.300885 0.768022
0.008770 0.648821 156.300885 0.768022
0.64929 11.058941 156.300885 0.768022
0.008770 1.774109 208.253246

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.00000 9.323026 81.727702 0.632758
0.006096 0.562898 175.821654
0.16232 9.323026 81.727702 0.632758
0.006096 0.196565 160.733855
0.32464 9.323026 81.727702 0.632758
0.006096 0.299493 106.066904
0.48696 9.323026 81.727702 0.632758
0.006096 0.844082 164.166700
0.64929 9.323026 81.727702 0.632758
0.006096 1.412124 199.464632

COMB DESIGN ----- MAX

0.000909 0.174910 1.533846

COMB DB-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.35072 -8.780107 -2.293173 -0.195431
-2.01E-05 -0.295427 -4.235398
0.51304 -8.780107 -2.293173 -0.195431
-2.01E-05 -0.177843 -2.868946
0.67536 -8.780107 -2.293173 -0.195431
-2.01E-05 -0.060281 -1.552759
0.83768 -8.780107 -2.293173 -0.195431
-2.01E-05 -0.064063 -1.114381
0.83768 -8.780107 -2.293173 -0.195431
-2.01E-05 -0.195811 -6.303231

COMB DB-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.35072 6.724512 85.509246 0.324631
0.008136 0.491474 247.032024
0.51304 6.724512 85.509246 0.324631
0.008136 0.296110 197.947784
0.67536 6.724512 85.509246 0.324631
0.008136 0.163277 164.330359
0.83768 6.724512 85.509246 0.324631
0.008136 0.143581 178.466075
1.00000 6.724512 85.509246 0.324631
0.008136 0.378955 193.940802

COMB DB-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.35072 -11.119003 -104.262386 -0.391156
0.007088 -0.569498 -2.492230
0.51304 -11.119003 -104.262386 -0.391156
-0.007088 -0.327517 -15.412260
0.67536 -11.119003 -104.262386 -0.391156
-0.007088 -0.125472 -1.00027
0.83768 -11.119003 -104.262386 -0.391156
-0.007088 -0.105811 0.000000
1.00000 -11.119003 -104.262386 -0.391156
-0.007088 -0.289757 0.000000

COMB DB-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.35072 12.546158 77.625383 0.490603
0.006988 0.742745 227.585078
0.51304 12.546158 77.625383 0.490603
0.006988 0.447508 182.945599
0.67536 12.546158 77.625383 0.490603
0.006988 0.152122 151.154559
0.83768 12.546158 77.625383 0.490603
0.006988 0.179606 162.694459
1.00000 12.546158 77.625383 0.490603
0.006988 0.498059 186.562912

COMB DB-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.35072 -10.419091 -143.420797 -0.530223
-0.006818 -0.777953 -169.564859
0.51304 -10.419091 -143.420797 -0.530223
-0.006818 -0.490620 4.929391
0.67536 -10.419091 -143.420797 -0.530223
-0.006818 -0.168721 -45.317114
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.83768 -10.419091 -143.420797 -0.530223
-0.006818 -0.152184 -9.374222
1.00000 -10.419091 -143.420797 -0.530223
-0.006818 -0.437914 0.000000

COMB DB-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.35072 8.373553 1.868307 0.278488
1.09E-05 0.421483 3.678016
0.51304 8.373553 1.868307 0.278488
1.09E-05 0.252927 0.632020
0.67536 8.373553 1.868307 0.278488
1.09E-05 0.086361 2.104337
0.83768 8.373553 1.868307 0.278488
1.09E-05 0.070265 18.193434
1.00000 8.373553 1.868307 0.278488
1.09E-05 0.233584 1.059122

COMB DB-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.35072 -0.509695 -53.788692 -0.261470
-0.008684 -0.395686 -147.870398
0.51304 -0.509695 -53.788692 -0.261470
-0.008684 -0.236369 -115.521456
0.67536 -0.509695 -53.788692 -0.261470
-0.008684 -0.081034 -83.202285
0.83768 -0.509695 -53.788692 -0.261470
-0.008684 -0.081102 50.899994
1.00000 -0.509695 -53.788692 -0.261470
-0.008684 -0.248743 -18.904511

COMB DB-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.35072 16.279561 10.683260 0.405919
0.006672 0.614983 55.833446
0.51304 16.279561 10.683260 0.40591

REL DIST	P	M2	M3	V2	V3
0.35072	-1.075883	-158.695517			-0.743423
-0.007055	-1.099928	-239.580729			
0.51304	-1.075883	-158.695517			-0.743423
-0.007055	-0.8561	-156.972815			
0.67536	-1.075883	-158.695517			-0.743423
-0.007055	-0.230973	-89.741125			
0.83768	-1.075883	-158.695517			-0.743423
-0.007055	-0.87727	-132.539776			
1.00000	-1.075883	-158.695517			-0.743423
-0.007055	-0.518258	-0.346570			

COMB DL-G2-3 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.35072	13.319501	64.799819			0.710863
0.006047	1.076150	229.621167			
0.51304	13.319501	64.799819			0.710863
0.006047	0.647470	193.771184			
0.67536	13.319501	64.799819			0.710863
0.006047	0.220299	173.696302			
0.83768	13.319501	64.799819			0.710863
0.006047	0.291722	183.333470			
1.00000	13.319501	64.799819			0.710863
0.006047	0.840484	195.952344			

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.35072	-6.979888	-144.199786			-0.913355
-0.006389	-1.360526	-216.026251			
0.51304	-6.979888	-144.199786			-0.913355
-0.006389	-0.156362	-132.539776			
0.67536	-6.979888	-144.199786			-0.913355
-0.006389	-0.284537	-80.756625			
0.83768	-6.979888	-144.199786			-0.913355
-0.006389	-0.149787	-90.890233			
1.00000	-6.979888	-144.199786			-0.913355
-0.006389	-0.639211	-0.307219			

COMB DB ----- MAX

REL DIST	P	M2	M3	V2	V3
0.35072	16.279561	85.509246			0.506359
0.008136	0.766624	247.092024			
0.51304	16.279561	85.509246			0.506359
0.008136	0.461938	197.947784			
0.67536	16.279561	85.509246			0.506359
0.008136	0.157212	164.323505			
0.83768	16.279561	85.509246			0.506359
0.008136	0.194147	178.466075			
1.00000	16.279561	85.509246			0.506359
0.008136	0.540548	193.940802			

COMB DB ----- MIN

REL DIST	P	M2	M3	V2	V3
0.35072	-11.119003	-170.549136			-0.575684
-0.007701	-1.844929	-24.717233			
0.51304	-11.119003	-170.549136			-0.575684
-0.007701	-0.498886	-148.394036			
0.67536	-11.119003	-170.549136			-0.575684
-0.007701	-0.162378	-90.890233			
0.83768	-11.119003	-170.549136			-0.575684
-0.007701	-0.157182	-50.899994			
1.00000	-11.119003	-170.549136			-0.575684
-0.007701	-0.451927	-18.904511			

COMB DL ----- MAX

REL DIST	P	M2	M3	V2	V3
0.35072	14.477340	85.034967			0.710863
0.007506	1.076150	261.031981			
0.51304	14.477340	85.034967			0.710863
0.007506	0.647470	213.328457			
0.67536	14.477340	85.034967			0.710863
0.007506	0.220299	184.602803			
0.83768	14.477340	85.034967			0.710863
0.007506	0.291722	192.203235			
1.00000	14.477340	85.034967			0.710863
0.007506	0.840484	200.597873			

COMB DL ----- MIN

REL DIST	P	M2	M3	V2	V3
0.35072	-10.015694	-158.695517			-0.913355
-0.007055	-1.360526	-239.580729			
0.51304	-10.015694	-158.695517			-0.913355
-0.007055	-0.811262	-146.972815			
0.67536	-10.015694	-158.695517			-0.913355
-0.007055	-0.284537	-89.741125			
0.83768	-10.015694	-158.695517			-0.913355
-0.007055	-0.225603	-56.826530			
1.00000	-10.015694	-158.695517			-0.913355
-0.007055	-0.639211	-24.74612			

COMB CAR ----- MAX

REL DIST	P	M2	M3	V2	V3
0.35072	16.279561	85.509246			0.710863
0.008136	1.076150	261.031981			
0.51304	16.279561	85.509246			0.710863
0.008136	0.647470	213.328457			
0.67536	16.279561	85.509246			0.710863
0.008136	0.220299	184.602803			
0.83768	16.279561	85.509246			0.710863
0.008136	0.291722	192.203235			
1.00000	16.279561	85.509246			0.710863
0.008136	0.840484	200.597873			

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST	P	M2	M3	V2	V3
0.35072	-11.119003	-170.549136			-0.913355
-0.007701	-1.360526	-241.771233			
0.51304	-11.119003	-170.549136			-0.913355
-0.007701	-0.811262	-148.394036			
0.67536	-11.119003	-170.549136			-0.913355
-0.007701	-0.284537	-89.741125			
0.83768	-11.119003	-170.549136			-0.913355
-0.007701	-0.157182	-50.899994			
1.00000	-11.119003	-170.549136			-0.913355
-0.007701	-0.639211	-24.74612			

COMB DESIGN ----- MAX

REL DIST	P	M2	M3	V2	V3
0.35072	16.279561	85.509246			0.710863
0.008136	1.076150	261.031981			
0.51304	16.279561	85.509246			0.710863
0.008136	0.647470	213.328457			
0.67536	16.279561	85.509246			0.710863
0.008136	0.220299	184.602803			
0.83768	16.279561	85.509246			0.710863
0.008136	0.291722	192.203235			
1.00000	16.279561	85.509246			0.710863
0.008136	0.840484	200.597873			

COMB DESIGN ----- MIN

REL DIST	P	M2	M3	V2	V3
0.35072	-11.119003	-170.549136			-0.913355
-0.007701	-1.360526	-241.771233			
0.51304	-11.119003	-170.549136			-0.913355
-0.007701	-0.811262	-148.394036			
0.67536	-11.119003	-170.549136			-0.913355
-0.007701	-0.284537	-89.741125			
0.83768	-11.119003	-170.549136			-0.913355
-0.007701	-0.225603	-56.826530			
1.00000	-11.119003	-170.549136			-0.913355
-0.007701	-0.639211	-24.74612			

ELEM 114 ----- LENGTH = 3.706664

COMB DB-G1-1 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	0.540548	58.673351			0.219036
0.000922	0.195575	54.18175			
0.16232	0.540548	58.673351			0.219036
0.000922	0.063762	2.555955			
0.32464	0.540548	58.673351			0.219036
0.000922	0.060639	3.970930			
0.48696	0.540548	58.673351			0.219036
0.000922	0.178116	5.286094			
0.64928	0.540548	58.673351			0.219036
0.000922	0.235613	6.829030			

COMB DB-G1-1 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-8.702158	-2.244529			-0.195288
-1.16E-05	-0.174379	-5.342112			
0.16232	-8.702158	-2.244529			-0.195288
-1.16E-05	-0.056876	-41.496608			
0.32464	-8.702158	-2.244529			-0.195288
-1.16E-05	-0.067609	-7.414900			
0.48696	-8.702158	-2.244529			-0.195288
-1.16E-05	-0.199785	-111.998180			
0.64928	-8.702158	-2.244529			-0.195288
-1.16E-05	-0.331572	-162.288888			

COMB DB-G1-2 ----- MAX

REL DIST	P	M2	M3	V2	V3
0.00000	1.442778	173.952909			0.326722
0.008166	0.291714	194.430290			
0.16232	1.442778	173.952909			0.326722
0.008166	0.105805	132.907970			
0.32464	1.442778	173.952909			0.326722
0.008166	0.122653	76.200242			

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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3

0.48696	1.442778	173.952909			0.326722
0.008166	0.318134	66.849950			
0.64928	1.442778	173.952909			0.326722
0.008166	0.547645	73.895730			

COMB DB-G1-2 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-16.374168	-15.141900			-0.381987
-0.007128	-0.371672	-0.000688			
0.16232	-16.374168	-15.141900			-0.381987
-0.007128	-0.141826	-37.119153			
0.32464	-16.374168	-15.141900			-0.381987
-0.007128	-0.101182	-81.923249			
0.48696	-16.374168	-15.141900			-0.381987
-0.007128	-0.297923	-138.081318			
0.64928	-16.374168	-15.141900			-0.381987
-0.007128	-0.494547	-232.293225			

COMB DB-G1-3 ----- MAX

0.006863	0.450072	183.471819			
0.64928	8.245252	150.981381			0.492886
0.006863	0.763202	223.793450			

COMB DB-G1-3 ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-14.762557	-70.125636			-0.520901
-0.006518	-0.490371	-0.000461			
0.16232	-14.762557	-70.125636			-0.520901
-0.006518	-0.716954	-33.193831			
0.32464	-14.762557	-70.125636			-0.520901

REL DIST P M2 V2 V3
0.00000 -16.374168 -88.009085 -0.902296
-0.007685 -0.827685 -24.511343
0.16232 -16.374168 -88.009085 -0.902296
-0.007685 -0.285625 -42.265100
0.32464 -16.374168 -88.009085 -0.902296
-0.007685 -0.221321 -81.923249
0.48696 -16.374168 -88.009085 -0.902296
-0.007685 -0.64928 -138.081318
0.64928 -16.374168 -88.009085 -0.902296
-0.007685 -1.082412 -232.293225

COMB DESIGN MAX
REL DIST P M2 V2 V3
0.00000 11.434099 173.952909 0.715371
0.008166 0.643569 200.64094 0.715371
0.16232 11.434099 173.952909 0.715371
0.008166 0.227517 185.284579 0.715371
0.32464 11.434099 173.952909 0.715371
0.008166 0.284075 178.993689 0.715371
0.48696 11.434099 173.952909 0.715371
0.008166 0.804089 206.439878 0.715371
0.64928 11.434099 173.952909 0.715371
0.008166 1.346683 256.038452

COMB DESIGN MIN
REL DIST P M2 V2 V3
0.00000 -16.374168 -88.009085 -0.902296
-0.007685 -0.827685 -24.511343
0.16232 -16.374168 -88.009085 -0.902296
-0.007685 -0.285625 -42.265100
0.32464 -16.374168 -88.009085 -0.902296
-0.007685 -0.221321 -81.923249
0.48696 -16.374168 -88.009085 -0.902296
-0.007685 -0.651007 -138.081318
0.64928 -16.374168 -88.009085 -0.902296
-0.007685 -1.082412 -232.293225
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FRAME ELEMENT INTERNAL FORCES
ELEM 115 LENGTH
3.706691

COMB DB-G1-1 MAX
REL DIST T M2 M3 V3
0.35072 0.309998 60.663026 0.228452
0.000504 0.341935 140.565979 0.228452
0.51304 0.309998 60.663026 0.228452
0.000504 0.208082 104.128866 0.228452
0.67536 0.309998 60.663026 0.228452
0.000504 0.807059 81.710644 0.228452
0.83768 0.309998 60.663026 0.228452
0.000504 0.061468 31.340848 0.228452
1.00000 0.309998 60.663026 0.228452
0.000504 0.187614 1.496160

COMB DB-G1-1 MIN
REL DIST T M2 M3 V3
0.35072 -8.221416 -4.221608 -0.209644
-0.000537 -0.316935 5.921689 -0.209644
0.51304 -8.221416 -4.221608 -0.209644
-0.000537 -0.190807 -6.392754 -0.209644
0.67536 -8.221416 -4.221608 -0.209644
-0.000537 -0.064677 3.893569 -0.209644
0.83768 -8.221416 -4.221608 -0.209644
-0.000537 -0.066806 -1.839065 -0.209644
1.00000 -8.221416 -4.221608 -0.209644
-0.000537 -0.204288 -5.940884

COMB DB-G1-2 MIN
REL DIST T M2 M3 V3
0.35072 6.447444 87.205810 0.318002
0.007657 0.481434 245.489690 0.318002
0.51304 6.447444 87.205810 0.318002
0.007657 0.290094 194.009385 0.318002
0.67536 6.447444 87.205810 0.318002
0.007657 0.098614 162.023358 0.318002
0.83768 6.447444 87.205810 0.318002
0.007657 0.126957 105.067625 0.318002
1.00000 6.447444 87.205810 0.318002
0.007657 0.323449 189.536702

COMB DB-G1-2 MAX
REL DIST T M2 M3 V3
0.35072 -10.480640 -106.317338 -0.326549
-0.007638 -0.464095 -76.193404 -0.326549
0.51304 -10.480640 -106.317338 -0.326549
-0.007638 -0.271687 -20.106897 -0.326549
0.67536 -10.480640 -106.317338 -0.326549
-0.007638 -0.104522 -3.469091 -0.326549
0.83768 -10.480640 -106.317338 -0.326549
-0.007638 -0.175980 -5.831072 -0.326549
1.00000 -10.480640 -106.317338 -0.326549
-0.007638 -0.296848 -0.001145

COMB DB-G1-3 MIN
REL DIST T M2 M3 V3
0.35072 11.888599 80.543323 0.470864
0.006877 0.712901 226.887336 0.470864
0.51304 11.888599 80.543323 0.470864
0.006877 0.429587 179.991839 0.470864
0.67536 11.888599 80.543323 0.470864
0.006877 0.146146 148.890274 0.470864
0.83768 11.888599 80.543323 0.470864
0.006877 0.183277 159.636402 0.470864
1.00000 11.888599 80.543323 0.470864
0.006877 0.445949 181.261197

COMB DB-G1-3 MAX
REL DIST T M2 M3 V3
0.35072 -9.664816 -145.977589 -0.469718
-0.006830 -0.688240 -179.537558 -0.469718
0.51304 -9.664816 -145.977589 -0.469718
-0.006830 -0.412981 -98.740626 -0.469718
0.67536 -9.664816 -145.977589 -0.469718
-0.006830 -0.148326 -49.737382 -0.469718
0.83768 -9.664816 -145.977589 -0.469718
-0.006830 -0.158022 -11.742915 -0.469718
1.00000 -9.664816 -145.977589 -0.469718
-0.006830 -0.431084 -0.001020

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FRAME ELEMENT INTERNAL FORCES
REL DIST T M2 M3 V3
0.83768 -9.664816 -145.977589 -0.469718
0.006830 -0.158022 -11.742915 -0.469718
1.00000 -9.664816 -145.977589 -0.469718
-0.006830 -0.431084 -0.001020

COMB DB-G2-1 MAX
REL DIST T M2 M3 V3
0.35072 7.819860 3.841704 0.260705
0.000426 0.237746 5.527397 0.260705
0.51304 7.819860 3.841704 0.260705
0.000426 0.237746 5.527397 0.260705
0.67536 7.819860 3.841704 0.260705
0.000426 0.080495 3.332683

0.83768 7.819860 3.841704 0.260705
0.000426 0.073976 1.535652 0.260705
1.00000 0.181000 3.841704 0.260705
0.000426 0.226987 1.005902
COMB DB-G2-1 MIN
REL DIST T M2 M3 V3
0.35072 -0.266568 -55.237404 -0.254122
0.000432 -0.384609 -150.494666 -0.254122
0.51304 -0.266568 -55.237404 -0.254122
-0.000432 -0.231720 -117.208551 -0.254122
0.67536 -0.266568 -55.237404 -0.254122
-0.000432 -0.074942 -50.747452 -0.254122
0.83768 -0.266568 -55.237404 -0.254122
-0.000432 -0.075954 -50.856431 -0.254122
1.00000 -0.266568 -55.237404 -0.254122
-0.000432 -0.232842 -17.815563

COMB DB-G2-2 MAX
REL DIST T M2 M3 V3
0.35072 15.588875 13.126922 0.365733
0.007290 0.554019 56.762001 0.365733
0.51304 15.588875 13.126922 0.365733
0.007290 0.333962 50.476099 0.365733
0.67536 15.588875 13.126922 0.365733
0.007290 0.113966 60.696107 0.365733
0.83768 15.588875 13.126922 0.365733
0.007290 0.141326 113.796288 0.365733
1.00000 15.588875 13.126922 0.365733
0.007290 0.372609 169.503456

COMB DB-G2-2 MIN
REL DIST T M2 M3 V3
0.35072 -0.876580 -171.910702 -0.384395
-0.007220 -0.554023 -248.234675 -0.384395
0.51304 -0.876580 -171.910702 -0.384395
-0.007220 -0.333719 -152.721294 -0.384395
0.67536 -0.876580 -171.910702 -0.384395
-0.007220 -0.122644 -92.967742 -0.384395
0.83768 -0.876580 -171.910702 -0.384395
-0.007220 -0.129889 -45.491082 -0.384395
1.00000 -0.876580 -171.910702 -0.384395
-0.007220 -0.338281 -93.05142

COMB DB-G2-3 MAX
REL DIST T M2 M3 V3
0.35072 14.371920 68.340953 0.478286
0.007054 0.724144 213.357381 0.478286
0.51304 14.371920 68.340953 0.478286
0.007054 0.436374 194.740745 0.478286
0.67536 14.371920 68.340953 0.478286
0.007054 0.148579 149.510430 0.478286
0.83768 14.371920 68.340953 0.478286
0.007054 0.188917 165.291196 0.478286
1.00000 14.371920 68.340953 0.478286
0.007054 0.460731 183.474655

COMB DB-G2-3 MIN
REL DIST T M2 M3 V3
0.35072 -7.182954 -159.453321 -0.484945
-0.007004 -0.707813 -226.663956 -0.484945
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FRAME ELEMENT INTERNAL FORCES
REL DIST T M2 M3 V3
0.51304 -7.182954 -159.453321 -0.484945
-0.007004 -0.426266 -171.910702 -0.484945
0.67536 -7.182954 -159.453321 -0.484945
-0.007004 -0.153310 -83.629893 -0.484945
0.83768 -7.182954 -159.453321 -0.484945
-0.007004 -0.167172 165.291196 -0.484945
1.00000 -7.182954 -159.453321 -0.484945
-0.007004 -0.438165 -0.338578

COMB DL-G1-1 MAX
REL DIST T M2 M3 V3
0.35072 0.260892 63.209658 0.293885
0.000403 0.443754 146.160808 0.293885
0.51304 0.260892 63.209658 0.293885
0.000403 0.266918 108.183478 0.293885
0.67536 0.260892 63.209658 0.293885
0.000403 0.090305 70.269698 0.293885
0.83768 0.260892 63.209658 0.293885
0.000403 0.078352 32.624637 0.293885
1.00000 0.260892 63.209658 0.293885
0.000403 0.239940 2.014022

COMB DL-G1-1 MIN
REL DIST T M2 M3 V3
0.35072 -7.643255 -4.858986 -0.267903
-0.000441 -0.643552 -10.212111 -0.267903
0.51304 -7.643255 -4.858986 -0.267903
-0.000441 -0.244374 -7.338704 -0.267903
0.67536 -7.643255 -4.858986 -0.267903
-0.000441 -0.082642 -4.648968 -0.267903
0.83768 -7.643255 -4.858986 -0.267903
-0.000441 -0.086957 -2.173161 -0.267903
1.00000 -7.643255 -4.858986 -0.267903
-0.000441 -0.263608 -6.658639

COMB DL-G1-2 MAX
REL DIST T M2 M3 V3
0.35072 5.643325 89.495062 0.428501
0.007075 0.631519 271.913134 0.428501
0.51304 5.643325 89.495062 0.428501
0.007075 0.378231 220.481806 0.428501
0.67536 5.643325 89.495062 0.428501
0.007075 0.135015 189.084642 0.428501
0.83768 5.643325 89.495062 0.428501
0.007075 0.151147 193.776136 0.428501
1.00000 5.643325 89.495062 0.428501
0.007075 0.396048 200.126378

COMB DL-G1-2 MIN
REL DIST T M2 M3 V3
0.35072 -9.721217 -95.090585 -0.406409
-0.007059 -0.583910 -75.217577 -0.406409
0.51304 -9.721217 -95.090585 -0.406409
-0.007059 -0.348411 -20.916136 -0.406409
0.67536 -9.721217 -95.090585 -0.406409
-0.007059 -0.127445 -3.566599 -0.406409
0.83768 -9.721217 -95.090585 -0.406409
-0.007059 -0.157726 -0.602364 -0.406409
1.00000 -9.721217 -95.090585 -0.406409
-0.007059 -0.415318 -0.001063

COMB DL-G1-3 MAX
REL DIST T M2 M3 V3
0.35072 10.608743 82.988359 0.644008
0.006208 0.961350 253.157904 0.644008
0.51304 10.608743 82.988359 0.644008
0.006208 0.578099 206.208786 0.644008
0.67536 10.608743 82.988359 0.644008
0.006208 0.202775 175.563697 0.644008
0.83768 10.608743 82.988359 0.644008
0.006208 0.207652 175.511657 0.644008
1.00000 10.608743 82.988359 0.644008
0.006208 0.579691 197.240481 0.644008
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-3 MIN
REL DIST T M2 M3 V3
0.35072 -8.941337 -136.490678 -0.618179
-0.006169 -0.909904 -173.977587 -0.618179
0.51304 7.926539 136.490678 -0.618179
-0.006169 -0.545519 -94.475284 -0.618179
0.67536 -8.941337 -136.490678 -0.618179
-0.006169 -0.192399 -45.439406 -0.618179
0.83768 -8.941337 -136.490678 -0.618179
-0.006169 -0.214303 -9.192038 -0.618179
1.00000 -8.941337 -136.490678 -0.618179
-0.006169 -0.600992 -0.000943

COMB DL-G2-1 MAX
REL DIST T M2 M3 V3
0.35072 7.326539 4.447838 0.358965
0.000359 0.545643 8.918791 0.358965
0.51304 7.326539 4.447838 0.358965
0.000359 0.328588 6.326860 0.358965
0.67536 7.326539 4.447838 0.358965
0.000359 0.112547 3.858701 0.358965
0.83768 7.326539 4.447838 0.358965
0.000359 0.105642 1.878639 0.358965
1.00000 7.326539 4.447838 0.358965
0.000359 0.325182 1.329105

COMB DL-G2-1 MIN
REL DIST T M2 M3 V3
0.35072 -0.231279 -58.546309 -0.364673
-0.000350 -0.552404 -162.763197 -0.364673
0.51304 -0.231279 -58.546309 -0.364673
-0.000350 -0.302648 -1.447838 -0.364673
0.67536 -0.231279 -58.546309 -0.364673
-0.000350 -0.113657 -92.641780 -0.364673
0.83768 -0.231279 -58.546309 -0.364673
-0.000350 0.102655 1.447838 -0.364673
1.00000 -0.231279 -58.546309 -0.364673
-0.000350 -0.318307 -24.564467

COMB DL-G2-2 MAX
REL DIST T M2 M3 V3
0.35072 14.152457 14.505175 0.518440
0.006653 0.717156 76.389910 0.518440
0.51304 14.152457 14.505175 0.518440
0.006653 0.464200 70.464130 0.518440
0.67536 14.152457 14.505175 0.518440
0.006653 0.165049 82.300184 0.518440
0.83768 14.152457 14.505175 0.518440
0.006653 0.183812 127.008099 0.518440
1.00000 14.152457 14.505175 0.518440
0.006653 0.500812 174.621020

COMB DL-G2-2 MIN
REL DIST T M2 M3 V3
0.35072 -0.877000 -162.906506 -0.528198
-0.006595 -0.770328 -251.943420 -0.528198
0.51304 -0.877000 -162.906506 -0.528198
-0.006595 -0.461251 -156.518674 -0.528198
0.67536 -0.877000 -162.906506 -0.528198
-0.006595 -0.16252 -95.139676 -0.528198
0.83768 -0.877000 -162.906506 -0.528198
-0.006595 -0.177490 -46.331309 -0.528198
1.00000 -0.877000 -162.906506 -0.528198
-0.006595 -0.489788 -0.462380

COMB DL-G2-3 MAX
REL DIST T M2 M3 V3
0.35072 12.921427 70.007373 0.659936
0.006241 0.958719 200.925106 0.659936
0.51304 12.921427 70.007373 0.659936
0.006241 0.593811 200.920543 0.659936
0.67536 12.921427 70.007373 0.659936
0.006241 0.209481 76.018100 0.659936
0.83768 12.921427 70.007373 0.659936
0.006241 0.216213 185.366295 0.659936
1.00000 12.921427 70.007373 0.659936
0.006241 0.606189 195.295184 0.659936
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-3 MIN
REL DIST T M2 M3 V3
0.35072 -6.622965 -149.562977 -0.648547
-0.006183 -0.958719 -228.8181578 -0.648547
0.51304 -6.622965 -149.562977 -0.648547
-0.006183 -0.573213 -141.562824 -0.648547
0.67536 -6.622965 -149.562977 -0.648547
-0.006183 -0.2092 -56.617711 -0.648547
0.83768 -6.622965 -149.562977 -0.648547
-0.006183 -0.216798 -41.664982 -0.648547
1.00000 -6.622965 -149.562977 -0.648547
-0.006183 -0.613930 -0.410018

COMB DB
REL DIST T M2 M3 V3
0.35072 15.588875 87.205810 0.478286
0.007857 0.724144 245.489690 0.478286
0.51304 15.588875 87.205810 0.478286
0.007857 0.436374 194.009385 0.478286
0.67536 15.588875 87.205810 0.478286
0.007857 0.148579 162.023358 0.478286
0.83768 15.588875 87.205810 0.478286
0.007857 0.188917 175.006725 0.478286
1.00000 15.588875 87.205810 0.478286
0.007857 0.460731 189.536702

COMB DB
REL DIST T M2 M3 V3

0.48695	7.589007	153.883801	0.472925
0.006753	0.413250	181.940827	
0.64927	0.64927	153.883801	0.472925
0.006753	0.685710	224.265933	
COMB DB-G1-3-----MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.009674	-72.750449	-0.468239
0.006750	-0.036515	-3.0201362	
0.16232	-14.009674	-72.750449	-0.468239
0.006750	-0.161868	-34.395217	
0.32464	-14.009674	-72.750449	-0.468239
0.006750	-0.036515	-3.0201362	
0.48695	-14.009674	-72.750449	-0.468239
0.006750	-0.431528	-129.926964	
0.64927	-14.009674	-72.750449	-0.468239
0.006750	-0.716070	-215.085123	
COMB DB-G2-1-----MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.896265	3.897748	0.260274
0.000593	0.321979	1.006561	
0.16232	7.896265	3.897748	0.260274
0.000593	0.075307	16.337880	
0.32464	7.896265	3.897748	0.260274
0.000593	0.321979	1.006561	
0.48695	7.896265	3.897748	0.260274
0.000593	0.325498	83.126297	
0.64927	7.896265	3.897748	0.260274
0.000593	0.385939	116.579661	
COMB DB-G2-1-----MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.260449	-55.675146	-0.254799
0.000547	-0.227360	-17.854978	
0.16232	-0.260449	-55.675146	-0.254799
0.000547	-0.073951	-55.675146	-0.254799
0.32464	-0.260449	-55.675146	-0.254799
0.000547	-0.081174	-6.520544	
0.48695	-0.260449	-55.675146	-0.254799
0.000547	-0.237808	-8.735812	
0.64927	-0.260449	-55.675146	-0.254799
0.000547	-0.394401	-11.025621	
COMB DB-G2-2-----MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.751792	96.599739	0.367244
0.007200	0.338148	169.919221	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIST	P	V2	V3
T	M2	M3	
0.16232	10.751792	96.599739	0.367244
0.007200	0.120774	162.321734	
0.32464	10.751792	96.599739	0.367244
0.007200	0.123208	155.054947	
0.48695	10.751792	96.599739	0.367244
0.007200	0.300720	144.416244	
0.64927	10.751792	96.599739	0.367244
0.007200	0.555170	242.627079	
COMB DB-G2-2-----MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.880008	-89.452815	-0.383920
0.007213	-0.371457	-0.341369	
0.16232	-5.880008	-89.452815	-0.383920
0.007213	-0.140827	-2.472977	
0.32464	-5.880008	-89.452815	-0.383920
0.007213	-0.114349	-4.555934	
0.48695	-5.880008	-89.452815	-0.383920
0.007213	-0.336544	-18.870252	
0.64927	-5.880008	-89.452815	-0.383920
0.007213	-0.556301	-68.772112	
COMB DB-G2-3-----MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.864904	145.428893	0.479963
0.007171	0.438113	183.828066	
0.16232	9.864904	145.428893	0.479963
0.007171	0.160995	160.986672	
0.32464	9.864904	145.428893	0.479963
0.007171	0.154005	149.971570	
0.48695	9.864904	145.428893	0.479963
0.007171	0.426862	179.984650	0.479963
0.64927	9.864904	145.428893	0.479963
0.007171	0.708274	227.988447	
COMB DB-G2-3-----MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.763599	-82.562217	-0.483862
0.007179	-0.450712	-0.326247	
0.16232	-11.763599	-82.562217	-0.483862
0.007179	-0.167559	-10.239435	
0.32464	-11.763599	-82.562217	-0.483862
0.007179	-0.007629	-45.515812	
0.48695	-11.763599	-82.562217	-0.483862
0.007179	-0.438054	-92.172506	
0.64927	-11.763599	-82.562217	-0.483862
0.007179	-0.726821	-172.010505	
COMB DL-G1-1-----MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.269897	62.730318	0.286107
0.000391	0.255449	2.026104	
0.16232	0.269897	62.730318	0.286107
0.000391	0.083491	3.766762	
0.32464	0.269897	62.730318	0.286107
0.000391	0.181809	4.596787	
0.48695	0.269897	62.730318	0.286107
0.000391	0.242985	10.475188	
0.64927	0.269897	62.730318	0.286107
0.000391	0.404333	13.364898	
COMB DL-G1-1-----MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.576820	-4.842289	-0.267486
0.000405	-0.240532	-6.706380	
0.16232	-7.576820	-4.842289	-0.267486
0.000405	-0.079158	-44.296051	
0.32464	-7.576820	-4.842289	-0.267486
0.000405	-0.089299	-81.976313	
0.48695	-7.576820	-4.842289	-0.267486
0.000405	-0.261064	-119.666551	
0.64927	-7.576820	-4.842289	-0.267486
0.000405	-0.433253	-157.377151	
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< MOVING Page 763 LOAD >			
F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G1-2-----MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.045996	166.082638	0.426077
0.007086	0.412808	200.121064	
0.16232	1.045996	166.082638	0.426077

0.007086	0.156686	145.326536	
0.32464	1.045996	166.082638	0.426077
0.007086	0.127309	0.470839	
0.48695	1.045996	166.082638	0.426077
0.007086	0.348003	85.879327	
0.64927	1.045996	166.082638	0.426077
0.007086	0.584095	93.368126	
COMB DL-G1-2-----MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.283265	-17.852519	-0.406705
0.007138	-0.396764	-0.001676	
0.16232	-14.283265	-17.852519	-0.406705
0.007138	-0.151692	-37.630523	
0.32464	-14.283265	-17.852519	-0.406705
0.007138	-0.134638	-84.119809	
0.48695	-14.283265	-17.852519	-0.406705
0.007138	-0.376613	-144.160302	
0.64927	-14.283265	-17.852519	-0.406705
0.007138	-0.628412	-241.138787	
COMB DL-G1-3-----MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.931454	145.481990	0.651985
0.006081	0.608549	197.195745	
0.16232	6.931454	145.481990	0.651985
0.006081	0.217014	85.879327	
0.32464	6.931454	145.481990	0.651985
0.006081	0.194567	181.801042	
0.48695	6.931454	145.481990	0.651985
0.006081	0.549230	207.760719	
0.64927	6.931454	145.481990	0.651985
0.006081	0.916192	249.580636	
COMB DL-G1-3-----MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.651669	-74.116400	-0.622001
0.006108	-0.582489	-0.001351	
0.16232	-12.651669	-74.116400	-0.622001
0.006108	-0.207746	-33.408266	
0.32464	-12.651669	-74.116400	-0.622001
0.006108	-0.204322	-76.347817	
0.48695	-12.651669	-74.116400	-0.622001
0.006108	-0.584544	-130.931520	
0.64927	-12.651669	-74.116400	-0.622001
0.006108	-0.972978	-215.943547	
COMB DL-G2-1-----MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.384540	4.470839	0.373346
0.000487	0.333184	1.329623	
0.16232	7.384540	4.470839	0.373346
0.000487	0.108284	16.062089	
0.32464	7.384540	4.470839	0.373346
0.000487	0.116106	50.211301	
0.48695	7.384540	4.470839	0.373346
0.000487	0.402427	85.300207	0.373346
0.64927	7.384540	4.470839	0.373346
0.000487	0.564608	120.561511	
COMB DL-G2-1-----MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.223300	-58.877776	-0.372751
0.000447	-0.332163	-24.601204	
0.16232	-0.223300	-58.877776	-0.372751
0.000447	-0.107869	-6.746283	
0.32464	-0.223300	-58.877776	-0.372751
0.000447	-0.111509	-9.424470	
0.48695	-0.223300	-58.877776	-0.372751
0.000447	-0.339911	-10.977840	
0.64927	-0.223300	-58.877776	-0.372751
0.000447	-0.565589	-13.281892	
Program	SAP2000 Nonlinear	Version 7.42	File:상행S11-S1503.OUT
< MOVING Page 764 LOAD >			
F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G2-2-----MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.984459	86.009787	0.539303
0.006004	0.511477	174.605814	
0.16232	9.984459	86.009787	0.539303
0.006004	0.186557	176.482188	
0.32464	9.984459	86.009787	0.539303
0.006004	0.169384	178.614776	
0.48695	9.984459	86.009787	0.539303
0.006004	0.486675	213.449968	0.539303
0.64927	9.984459	86.009787	0.539303
0.006004	0.782507	265.975673	
COMB DL-G2-2-----MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.166710	-92.189786	-0.535719
0.006598	-0.505999	-0.470839	
0.16232	-5.166710	-92.189786	-0.535719
0.006598	-0.184872	-2.956188	
0.32464	-5.166710	-92.189786	-0.535719
0.006598	-0.168317	-5.115100	
0.48695	-5.166710	-92.189786	-0.535719
0.006598	-0.480457	-20.500442	
0.64927	-5.166710	-92.189786	-0.535719
0.006598	-0.800646	-69.598000	
COMB DL-G2-3-----MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.150996	134.058514	0.678972
0.006341	0.633471	195.258009	
0.16232	9.150996	134.058514	0.678972
0.006341	0.224679	175.172231	
0.32464	9.150996	134.058514	0.678972
0.006341	0.206377	175.229838	
0.48695	9.150996	134.058514	0.678972
0.006341	0.581978	206.888298	0.678972
0.64927	9.150996	134.058514	0.678972
0.006341	0.970478	255.013003	
COMB DL-G2-3-----MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.435402	-85.464330	-0.658352
0.006361	-0.614464	-0.397324	
0.16232	-10.435402	-85.464330	-0.658352
0.006361	-0.218399	-8.410959	
0.32464	-10.435402	-85.464330	-0.658352
0.006361	-0.211740	-41.672191	
0.48695	-10.435402	-85.464330	-0.658352
0.006361	-0.608943	-88.163624	
0.64927	-10.435402	-85.464330	-0.658352
0.006361	-1.013573	-166.000224	
COMB DB-----MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.751792	175.633515	0.479963
0.007669	0.430123	89.939810	
0.16232	10.751792	175.633515	0.479963
0.007669	0.160995	165.173641	
0.32464	10.751792	175.633515	0.479963
0.007669	0.150769	155.466487	
0.48695	10.751792	175.633515	0.479963
0.007669	0.426862	190.416304	
0.64927	10.751792	175.633515	0.479963
0.007669	0.708274	242.627079	
COMB DB-----MIN			

0.0001460.33527098.6132880.368504

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COMB DL-G1-1

MIN

REL DIST

P

M

V2

V3

0.35072

-7.380378

-9.284077

-0.278182

-0.000829

-0.420981

-20.863014

-0.278182

0.51304

-7.380378

-9.284077

-0.278182

-0.000829

-0.252879

-15.331242

-0.278182

0.075368

-7.380378

-9.284077

-0.278182

-0.000829

-0.085458

-8.571268

-0.278182

0.83768

-7.380378

-9.284077

-0.278182

-0.000829

-0.107907

-8.415373

-0.278182

1.00000

-7.380378

-9.284077

-0.278182

-0.000829

-0.329610

-6.288389

-0.278182

COMB DL-G1-2

MAX

REL DIST

P

M

V2

V3

0.35072

5.860281

83.409584

0.545029

0.006659

0.946591

100.018189

0.545029

0.51304

5.860281

83.409584

0.545029

0.006659

0.467518

209.135238

0.545029

0.67536

5.860281

83.409584

0.545029

0.006659

0.117993

181.364969

0.545029

0.83768

5.860281

83.409584

0.545029

0.006659

0.136312

189.628678

0.545029

1.00000

5.860281

83.409584

0.545029

0.006659

0.348692

200.299072

0.545029

COMB DL-G1-2

MIN

REL DIST

P

M

V2

V3

0.35072

-9.418195

-100.018189

-0.357632

-0.007526

-0.534274

-67.753461

-0.357632

0.51304

-9.418195

-100.018189

-0.357632

-0.007526

-0.320287

-30.314092

-0.357632

0.67536

-9.418195

-100.018189

-0.357632

-0.007526

-0.107907

-8.415373

-0.357632

0.83768

-9.418195

-100.018189

-0.357632

-0.007526

-0.190949

-20.863014

-0.357632

1.00000

-9.418195

-100.018189

-0.357632

-0.007526

-0.518417

-0.006799

-0.357632

COMB DL-G1-3

MAX

REL DIST

P

M

V2

V3

0.35072

10.659437

80.738777

0.753302

0.006090

0.117860

246.575702

0.753302

0.51304

10.659437

80.738777

0.753302

0.006090

0.654829

209.135238

0.753302

0.67536

10.659437

80.738777

0.753302

0.006090

0.237832

171.114963

0.753302

0.83768

10.659437

80.738777

0.753302

0.006090

0.181174

172.911846

0.753302

1.00000

10.659437

80.738777

0.753302

0.006090

0.493748

197.029849

0.753302

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3

MIN

REL DIST

P

M

V2

V3

0.35072

-8.799556

-137.086442

-0.530371

-0.006404

-0.978690

-177.090231

-0.530371

0.51304

-8.799556

-137.086442

-0.530371

-0.006404

-0.478763

-97.109168

-0.530371

0.67536

-8.799556

-137.086442

-0.530371

-0.006404

-0.164036

-48.895935

-0.530371

0.83768

-8.799556

-137.086442

-0.530371

-0.006404

-0.244051

-10.269310

-0.530371

1.00000

-8.799556

-137.086442

-0.530371

-0.006404

-0.697319

-0.009126

-0.530371

COMB DL-G2-1

MAX

REL DIST

P

M

V2

V3

0.35072

7.107538

9.232714

0.367758

0.000753

0.559733

19.315248

0.367758

0.51304

7.107538

9.232714

0.367758

0.000753

0.937707

37.354942

0.367758

0.67536

7.107538

9.232714

0.367758

0.000753

0.116115

8.444375

0.367758

0.83768

7.107538

9.232714

0.367758

0.000753

0.090017

3.680010

0.367758

1.00000

7.107538

9.232714

0.367758

0.000753

0.278642

1.338358

0.367758

COMB DL-G2-1

MIN

REL DIST

P

M

V2

V3

0.35072

-0.415874

-52.840110

-0.312332

-6.81E-06

-0.473006

-148.509979

-0.312332

0.51304

-0.415874

-52.840110

-0.312332

-6.81E-06

-0.950546

-269.174784

-0.312332

0.67536

-0.415874

-52.840110

-0.312332

-6.81E-06

-0.097263

-85.157069

-0.312332

0.83768

-0.415874

-52.840110

-0.312332

-6.81E-06

-0.050307

-35.966329

-0.312332

1.00000

-0.415874

-52.840110

-0.312332

-6.81E-06

-0.326690

-24.943400

-0.312332

COMB DL-G2-2

MAX

REL DIST

P

M

V2

V3

0.35072

13.907710

20.232989

0.554847

0.007087

0.816358

90.037895

0.554847

0.51304

13.907710

20.232989

0.554847

0.007087

0.482756

80.541057

0.554847

0.67536

13.907710

20.232989

0.554847

0.007087

1.718355

88.871188

0.554847

0.83768

13.907710

20.232989

0.554847

0.007087

0.149692

130.061979

0.554847

1.00000

13.907710

20.232989

0.554847

0.007087

0.387181

173.954956

0.554847

COMB DL-G2-2

MIN

REL DIST

P

M

V2

V3

0.35072

-1.095461

-156.080592

-0.404044

-0.006775

-0.000157

-29.137999

-0.404044

0.51304

-1.095461

-156.080592

-0.404044

-0.006775

-0.364178

-145.644939

-0.404044

0.67536

-1.095461

-156.080592

-0.404044

-0.006775

-0.000157

-29.137999

-0.404044

0.83768

-1.095461

-156.080592

-0.404044

-0.006775

-0.188152

-42.667550

-0.404044

1.00000

-1.095461

-156.080592

-0.404044

-0.006775

-0.522193

-0.588221

-0.404044

COMB DL-G2-3

MAX

REL DIST

P

M

V2

V3

0.35072

12.822787

17.686155

0.748513

0.006418

0.111426

243.234268

0.748513

0.51304

12.822787

17.686155

0.748513

0.006418

0.661245

202.708562

0.748513

0.67536

12.822787

17.686155

0.748513

0.006418

0.237715

178.513278

0.748513

0.83768

12.822787

17.686155

0.748513

0.006418

0.184130

185.001214

0.748513

1.00000

12.822787

17.686155

0.748513

0.006418

0.506230

194.874243

0.748513

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3

MIN

REL DIST

P

M

V2

V3

0.35072

-6.642840

-146.267387

-0.539425

-0.006151

-0.811083

-220.888782

-0.539425

0.51304

-6.642840

-146.267387

-0.539425

-0.006151

-0.487388

-135.327043

-0.539425

0.67536

-6.642840

-146.267387

-0.539425

-0.006151

-0.167362

-80.080189

-0.539425

0.83768

-6.642840

-146.267387

-0.539425

-0.006151

-0.242251

-88.368619

-0.539425

1.00000

-6.642840

-146.267387

-0.539425

-0.006151

-0.692744

-0.521318

-0.539425

COMB DB

MAX

REL DIST

P

M

V2

V3

0.35072

15.302941

81.463503

0.499229

0.007750

0.730033

228.678909

0.499229

0.51304

15.302941

81.463503

0.499229

0.007750

0.430065

180.856676

0.499229

0.67536

15.302941

81.463503

0.499229

0.007750

0.158092

152.504504

0.499229

0.83768

15.302941

81.463503

0.499229

0.007750

0.156224

168.964461

0.499229

1.00000

15.302941

81.463503

0.499229

0.007750

0.421446

187.183937

0.499229

COMB DB

MIN

REL DIST

P

M

V2

V3

0.35072

-10.160015

-165.486980

-0.457048

-0.008125

-0.169137

-234.983682

-0.457048

0.51304

-10.160015

-165.486980

-0.457048

-0.008125

-0.616335

-142.471300

-0.457048

0.67536

-10.160015

-165.486980

-0.457048

-0.008125

-0.141355

-55.691810

-0.457048

0.83768

-10.160015

-165.486980

-0.457048

-0.008125

-0.172011

-47.269966

-0.457048

1.00000

-10.160015

-165.486980

-0.457048

-0.008125

-0.472009

-17.431676

-0.457048

COMB DL

MAX

REL DIST

P

M

V2

V3

0.35072

13.907710

83.409584

0.753302

0.007087

0.117860

256.319193

0.753302

0.51304

13.907710

83.409584

0.753302

0.007087

0.664929

209.135238

0.753302

0.67536

13.907710

83.409584

0.753302

0.007087

0.237832

181.359969

0.753302

0.83768

13.907710

83.409584

0.753302

0.007087

0.184130

189.628678

0.753302

1.00000

13.907710

83.409584

0.753302

0.007087

0.506230

200.299072

0.753302

COMB DL

MIN

REL DIST

P

M

V2

V3

0.35072

-9.418195

-156.080592

-0.539425

-0.007526

-0.811083

-237.117699

-0.539425

0.51304

-9.418195

-156.080592

-0.539425

-0.007526

-0.487388

-145.644939

-0.539425

0.67536

-9.418195

-156.080592

-0.539425

-0.007526

-0.167362

-87.353535

-0.539425

0.83768

-9.418195

-156.080592

-0.539425

-0.007526

-0.244051

-10.269310

-0.539425

1.00000

-9.418195

-156.080592

-0.539425

-0.007526

-0.697319

-0.009126

-0.539425

COMB CAR

MAX

REL DIST

P

M

V2

V3

0.35072

15.302941

83.409584

0.753302

0.007750

0.117860

256.319193

0.753302

0.51304

15.302941

83.409584

0.753302

0.007750

0.664929

209.135238

0.753302

0.67536

15.302941

83.409584

0.753302

0.007750

0.237832

181.359969

0.753302

0.83768

15.302941

83.409584

0.753302

0.007750

0.184130

189.628678

0.753302

1.00000

15.302941

83.409584

0.753302

0.007750

0.506230

200.299072

0.753302

Program

SAP2000

Nonlinear

Version 7.42

File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB CAR

MIN

REL DIST

P

M

V2

V3

0.35072

-10.160015

-165.486980

-0.539425

-0.008125

-0.811083

-237.117699

-0.539425

0.51304

-10.160015

-165.486980

-0.539425

-0.008125

-0.487388

-145.644939

-0.539425

0.67536

-10.160015

-165.486980

-0.539425

-0.008125

-0.167362

-87.353535

-0.539425

0.83768

-10.160015

-165.486980

-0.539425

-0.008125

-0.244051

-10.269310

-0.539425

1.00000

-10.160015

-165.486980

-0.539425

-0.008125

-0.697319

-0.009126

-0.539425

ELEM 118

LENGTH

3.706706

COMB DB-G1-1

MAX

REL DIST

P

M

V2

V3

0.35072

15.302941

83.409584

0.753302

0.007750

0.117860

256.319193

0.753302

0.51304

15.302941

83.409584

0.753302

0.007750

0.664929

209.135238

0.753302

0.67536

15.302941

83.409584

0.753302

0.007750

0.237832

181.359969

0.753302

0.83768

15.302941

83.409584

0.753302

0.007750

0.184130

189.628678

0.753302

1.00000

15.302941

83.409584

0.753302

0.007750

0.506230

200.299072

0.753302

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0.007003	0.198006	171.756148		0.575764
0.32464	9.722368	91.812504		0.575764
0.007003	0.120292	169.800974		0.575764
0.48696	9.722366	91.812504		0.575764
0.007003	0.370031	200.607976		0.575764
0.64928	9.722366	91.812504		0.575764
0.007003	0.615761	249.215344		0.575764
COMB DL-G2-2 ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-5.378401	-85.447725	-0.410329	
0.006303	-0.392246	-0.569706	-0.410329	
0.16232	-5.378401	-85.447725	-0.410329	
0.006303	-0.148419	-6.545461	-0.410329	
0.32464	-5.378401	-85.447725	-0.410329	
0.006303	-0.191408	-12.373698	-0.410329	
0.48696	-5.378401	-85.447725	-0.410329	
0.006303	-0.498367	-32.027543	-0.410329	
0.64928	-5.378401	-85.447725	-0.410329	
0.006303	-0.844428	-84.754966	-0.410329	
COMB DL-G2-3 ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	0.939729	135.753431	0.763464	
0.006514	0.708139	194.836254	0.763464	
0.16232	0.939729	135.753431	0.763464	
0.006514	0.198861	19.920740	0.763464	
0.32464	0.939729	135.753431	0.763464	
0.006514	0.169430	169.304289	0.763464	
0.48696	0.939729	135.753431	0.763464	
0.006514	0.492588	198.866803	0.763464	
0.64928	0.939729	135.753431	0.763464	
0.006514	0.819276	245.246484	0.763464	
COMB DL-G2-3 ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-10.456806	-82.194101	-0.544451	
0.006352	-0.509556	-0.504582	-0.544451	
0.16232	-10.456806	-82.194101	-0.544451	
0.006352	-0.184772	-10.684667	-0.544451	
0.32464	-10.456806	-82.194101	-0.544451	
0.006352	-0.240597	-44.863177	-0.544451	
0.48696	-10.456806	-82.194101	-0.544451	
0.006352	-0.673039	-93.199131	-0.544451	
0.64928	-10.456806	-82.194101	-0.544451	
0.006352	-1.132090	-172.146847	-0.544451	
COMB DB ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	10.457917	169.801038	0.500567	
0.007652	0.472522	187.651323	0.500567	
0.16232	10.457917	169.801038	0.500567	
0.007652	0.171911	162.638038	0.500567	
0.32464	10.457917	169.801038	0.500567	
0.007652	0.142132	151.869162	0.500567	
0.48696	10.457917	169.801038	0.500567	
0.007652	0.417295	178.112702	0.500567	
0.64928	10.457917	169.801038	0.500567	
0.007652	0.692513	223.727193	0.500567	
COMB DB ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-15.408836	-83.107732	-0.457347	
0.008205	-0.620415	-0.620415	-0.457347	
0.16232	-15.408836	-83.107732	-0.457347	
0.008205	-0.155379	-38.422181	-0.457347	
0.32464	-15.408836	-83.107732	-0.457347	
0.008205	-0.158830	-17.059718	-0.457347	
0.48696	-15.408836	-83.107732	-0.457347	
0.008205	-0.431552	-33.208232	-0.457347	
0.64928	-15.408836	-83.107732	-0.457347	
0.008205	-0.732389	-66.443919	-0.457347	
Program SAP2000 Nonlinear Version 7.42				
File:상행S11-S1503.OUT				
< MOVING Page LOAD 776 >				
F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB DL ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	9.722366	159.907104	0.763464	
0.007003	0.708139	200.318232	0.763464	
0.16232	9.722366	159.907104	0.763464	
0.007003	0.248861	184.587572	0.763464	
0.32464	9.722366	159.907104	0.763464	
0.007003	0.169430	181.596100	0.763464	
0.48696	9.722366	159.907104	0.763464	
0.007003	0.492588	208.039188	0.763464	
0.64928	9.722366	159.907104	0.763464	
0.007003	0.819276	250.349737	0.763464	
COMB DL ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-13.987556	-85.447725	-0.544451	
0.007585	-0.392556	-24.975447	-0.544451	
0.16232	-13.987556	-85.447725	-0.544451	
0.007585	-0.184772	-40.509176	-0.544451	
0.32464	-13.987556	-85.447725	-0.544451	
0.007585	-0.200597	-16.641277	-0.544451	
0.48696	-13.987556	-85.447725	-0.544451	
0.007585	-0.673039	-93.197703	-0.544451	
0.64928	-13.987556	-85.447725	-0.544451	
0.007585	-1.132090	-227.394184	-0.544451	
COMB CAR ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	10.457917	169.801038	0.763464	
0.007652	0.708139	200.318232	0.763464	
0.16232	10.457917	169.801038	0.763464	
0.007652	0.248861	184.587572	0.763464	
0.32464	10.457917	169.801038	0.763464	
0.007652	0.169430	181.596100	0.763464	
0.48696	10.457917	169.801038	0.763464	
0.007652	0.492588	208.039188	0.763464	
0.64928	10.457917	169.801038	0.763464	
0.007652	0.819276	250.349737	0.763464	
COMB CAR ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-15.408836	-85.447725	-0.544451	
0.008205	-0.509556	-0.504582	-0.544451	
0.16232	-15.408836	-85.447725	-0.544451	
0.008205	-0.184772	-10.684667	-0.544451	
0.32464	-15.408836	-85.447725	-0.544451	
0.008205	-0.240597	-44.863177	-0.544451	
0.48696	-15.408836	-85.447725	-0.544451	
0.008205	-0.673039	-93.197703	-0.544451	
0.64928	-15.408836	-85.447725	-0.544451	
0.008205	-1.132090	-227.394184	-0.544451	
COMB DESIGN ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	10.457917	169.801038	0.763464	
0.007652	0.708139	200.318232	0.763464	
0.16232	10.457917	169.801038	0.763464	
0.007652	0.248861	184.587572	0.763464	
0.32464	10.457917	169.801038	0.763464	
0.007652	0.169430	181.596100	0.763464	
0.48696	10.457917	169.801038	0.763464	
0.007652	0.492588	208.039188	0.763464	
0.64928	10.457917	169.801038	0.763464	
0.007652	0.819276	250.349737	0.763464	
COMB DESIGN ----- MIN				

REL DIST	P	M2	V2	V3
0.00000	-15.408836	-85.447725	-0.544451	
0.008205	-0.509556	-0.504582	-0.544451	
0.16232	-15.408836	-85.447725	-0.544451	
0.008205	-0.184772	-10.684667	-0.544451	
0.32464	-15.408836	-85.447725	-0.544451	
0.008205	-0.240597	-44.863177	-0.544451	
0.48696	-15.408836	-85.447725	-0.544451	
0.008205	-0.673039	-93.197703	-0.544451	
0.64928	-15.408836	-85.447725	-0.544451	
0.008205	-1.132090	-227.394184	-0.544451	
Program SAP2000 Nonlinear Version 7.42				
File:상행S11-S1503.OUT				
< MOVING Page LOAD 777 >				
F R A M E E L E M E N T I N T E R N A L F O R C E S				
ELEM 119 ===== LENGTH = 3.705826				
COMB DB-G1-1 ----- MAX				
REL DIST	P	M2	V2	V3
0.35080	1.086956	45.807749	0.257278	
2.37E-05	0.389095	105.774435	0.257278	
0.51310	1.086956	45.807749	0.257278	
2.37E-05	0.234354	70.357120	0.257278	
0.67540	1.086956	45.807749	0.257278	
2.37E-05	0.079621	30.30242	0.257278	
0.83770	1.086956	45.807749	0.257278	
2.37E-05	0.074105	22.10622	0.257278	
1.00000	1.086956	45.807749	0.257278	
2.37E-05	0.226984	1.496559	0.257278	
COMB DB-G1-1 ----- MIN				
REL DIST	P	M2	V2	V3
0.35080	-7.329138	-14.053294	-0.253984	
0.001223	-0.384062	-32.652614	-0.253984	
0.51310	-7.329138	-14.053294	-0.253984	
0.001223	-0.231302	-24.210693	-0.253984	
0.67540	-7.329138	-14.053294	-0.253984	
0.001223	-0.078453	-15.805399	-0.253984	
0.83770	-7.329138	-14.053294	-0.253984	
0.001223	-0.075099	-8.46745	-0.253984	
1.00000	-7.329138	-14.053294	-0.253984	
0.001223	-0.229874	-4.804066	-0.253984	
COMB DB-G1-2 ----- MAX				
REL DIST	P	M2	V2	V3
0.35080	7.348330	70.509253	0.446718	
0.007148	0.647129	20.04991	0.446718	
0.51310	7.348330	70.509253	0.446718	
0.007148	0.379111	159.385189	0.446718	
0.67540	7.348330	70.509253	0.446718	
0.007148	0.142295	138.05866	0.446718	
0.83770	7.348330	70.509253	0.446718	
0.007148	0.120847	161.157340	0.446718	
1.00000	7.348330	70.509253	0.446718	
0.007148	0.304362	186.031871	0.446718	
COMB DB-G1-2 ----- MIN				
REL DIST	P	M2	V2	V3
0.35080	-9.465375	-117.269597	-0.332544	
0.008451	-0.502823	-104.805757	-0.332544	
0.51310	-9.465375	-117.269597	-0.332544	
0.008451	-0.302812	-41.146588	-0.332544	
0.67540	-9.465375	-117.269597	-0.332544	
0.008451	-0.102803	-15.769677	-0.332544	
0.83770	-9.465375	-117.269597	-0.332544	
0.008451	-0.160673	-6.291853	-0.332544	
1.00000	-9.465375	-117.269597	-0.332544	
0.008451	-0.429384	-0.003254	-0.332544	
COMB DB-G1-3 ----- MAX				
REL DIST	P	M2	V2	V3
0.35080	12.150618	72.847468	0.554054	
0.006885	0.817519	205.474772	0.554054	
0.51310	12.150618	72.847468	0.554054	
0.006885	0.480480	163.213926	0.554054	

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FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-1

MIN

REL DIST

T

M2

M3

V3

0.35080

-0.00451

0.51310

-0.00451

0.67540

0.00612

0.83770

-0.00451

1.00000

-0.00451

COMB DESIGN

MAX

REL DIST

T

M2

M3

V3

0.35080

-0.00451

0.51310

-0.00451

0.67540

0.00612

0.83770

-0.00451

1.00000

-0.00451

ELEM

120

LENGTH

3.706915

COMB DB-G1-1

MAX

REL DIST

T

M2

M3

V3

0.00000

-0.001223

0.16233

-0.001223

0.32465

0.007398

0.48698

-0.001223

0.64930

1.33E-05

COMB DB-G1-1

MIN

REL DIST

T

M2

M3

V3

0.00000

-0.001223

0.16233

-0.001223

0.32465

0.007398

0.48698

-0.001223

0.64930

1.33E-05

COMB DB-G1-2

MAX

REL DIST

T

M2

M3

V3

0.00000

-0.001223

0.16233

-0.001223

0.32465

0.007398

0.48698

-0.001223

0.64930

1.33E-05

COMB DB-G1-2

MIN

REL DIST

T

M2

M3

V3

0.00000

-0.001223

0.16233

-0.001223

0.32465

0.007398

0.48698

-0.001223

0.64930

1.33E-05

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783

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-1

MIN

REL DIST

T

M2

M3

V3

0.48698

0.007075

0.64930

0.007075

COMB DB-G1-2

MIN

REL DIST

T

M2

M3

V3

0.00000

-0.008579

0.32465

-0.008579

0.48698

0.007075

0.64930

-0.008579

COMB DB-G1-3

MAX

REL DIST

T

M2

M3

V3

0.00000

-0.006595

0.32465

-0.006595

0.48698

0.007075

0.64930

-0.006595

COMB DB-G1-3

MIN

REL DIST

T

M2

M3

V3

0.00000

-0.006595

0.32465

-0.006595

0.48698

0.007075

0.64930

-0.006595

COMB DB-G2-1

MAX

REL DIST

T

M2

M3

V3

0.00000

-0.006595

0.32465

-0.006595

0.48698

0.007075

0.64930

-0.006595

COMB DB-G2-1

MIN

REL DIST

T

M2

M3

V3

0.00000

-0.006595

0.32465

-0.006595

0.48698

0.007075

0.64930

-0.006595

COMB DB-G2-2

MAX

REL DIST

T

M2

M3

V3

0.00000

-0.006595

0.32465

-0.006595

0.48698

0.007075

0.64930

-0.006595

COMB DB-G2-2

MIN

REL DIST

T

M2

M3

V3

0.00000

-0.006595

0.32465

-0.006595

0.48698

0.007075

0.64930

-0.006595

COMB DB-G2-3

MAX

REL DIST

T

M2

M3

V3

0.00000

-0.006595

0.32465

-0.006595

0.48698

0.007075

0.64930

-0.006595

COMB DB-G2-3

MIN

REL DIST

T

M2

M3

V3

0.00000

-0.006595

0.32465

-0.006595

0.48698

0.007075

0.64930

-0.006595

COMB DB-G2-4

MAX

REL DIST

T

M2

M3

V3

0.00000

-0.006595

0.32465

-0.006595

0.48698

0.007075

0.64930

-0.006595

COMB DB-G2-4

MIN

REL DIST

T

M2

M3

V3

0.00000

-0.006595

0.32465

-0.006595

0.48698

0.007075

0.64930

-0.006595

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FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-1

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-2

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-2

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-3

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-3

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-4

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-4

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-5

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-5

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-6

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-6

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-7

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-7

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-8

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-8

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-9

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-9

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-10

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-10

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-11

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-11

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-12

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-12

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-13

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-13

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-14

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-14

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-15

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-15

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-16

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-16

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-17

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-17

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-18

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-18

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-19

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-19

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-20

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-20

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-21

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-21

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-22

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-22

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-23

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-23

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-24

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-24

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-25

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-25

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-26

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-26

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-27

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-27

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-28

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-28

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-29

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-29

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-30

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-30

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-31

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-31

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-32

MAX

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-32

MIN

REL DIST

T

M2

M3

V3

0.16233

0.007986

0.32465

0.007986

0.48698

0.007986

0.64930

0.007986

COMB DB-G2-33

MAX

REL DIST

T

M2

M3

V3

0.006966 0.440708 174.573540
COMB DB-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.35068 -8.419340 -144.243312 -0.492836
-0.007254 -0.745608 -180.255884
0.51301 -8.419340 -144.243312 -0.492836
-0.007254 -0.449029 -98.786010
0.67534 -8.419340 -144.243312 -0.492836
-0.007254 -0.152392 -48.910044
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNA
L FORCES

REL DIST T P M2 M3 V2 V3
0.83767 -8.419340 -144.243312 -0.492836
-0.007254 -0.208759 -12.294220
1.00000 -8.419340 -144.243312 -0.492836
-0.007254 -0.594050 -0.018793

COMB DB-G2-1 ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 5.331879 25.039735 0.239600
0.001345 0.362049 55.926272
0.51301 5.331879 25.039735 0.239600
0.001345 0.221863 40.919037
0.67534 5.331879 25.039735 0.239600
0.001345 0.077719 25.954080
0.83767 5.331879 25.039735 0.239600
0.001345 0.066100 11.119884
1.00000 5.331879 25.039735 0.239600
0.001345 0.202450 0.955870

COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -2.164994 -24.527045 -0.226536
-1.35E-05 -0.321950 -75.500730
0.51301 -2.164994 -24.527045 -0.226536
-1.35E-05 -0.206525 -61.055632
0.67534 -2.164994 -24.527045 -0.226536
0.83767 -2.164994 -24.527045 -0.226536
-1.35E-05 -0.01159 -58.248331
0.83767 -2.164994 -24.527045 -0.226536
-1.35E-05 -0.066524 -31.700117
1.00000 -2.164994 -24.527045 -0.226536
-1.35E-05 -0.210698 -17.244716

COMB DB-G2-2 ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 12.602219 38.427269 0.472092
0.008281 0.692320 111.117275 0.472092
0.51301 12.602219 38.427269 0.472092
0.008281 0.402935 89.565407 0.472092
0.67534 12.602219 38.427269 0.472092
0.008281 0.152864 86.050715 0.472092
0.83767 12.602219 38.427269 0.472092
0.008281 0.108823 123.878987 0.472092
1.00000 12.602219 38.427269 0.472092
0.008281 0.281614 163.399358

COMB DB-G2-2 ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -3.188245 -135.089782 -0.314763
-0.006616 -0.476021 -165.186704
0.51301 -3.188245 -135.089782 -0.314763
-0.006616 -0.285612 -89.584657
0.67534 -3.188245 -135.089782 -0.314763
-0.006616 -0.097073 -50.813333
0.83767 -3.188245 -135.089782 -0.314763
-0.006616 -0.160917 -24.125645
1.00000 -3.188245 -135.089782 -0.314763
-0.006616 -0.444064 -0.728101

COMB DB-G2-3 ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 12.858419 72.250365 0.636449
0.007662 0.942912 215.414605 0.636449
0.51301 12.858419 72.250365 0.636449
0.007662 0.206908 174.050600 0.636449
0.67534 12.858419 72.250365 0.636449
0.007662 0.203690 148.209798 0.636449
0.83767 12.858419 72.250365 0.636449
0.007662 0.007662 174.050600 0.636449
1.00000 12.858419 72.250365 0.636449
0.007662 0.427684 176.313103

COMB DB-G2-3 ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -7.630475 -138.793975 -0.478188
-0.006899 -0.723339 -178.441752
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNA
L FORCES

REL DIST T P M2 M3 V2 V3
0.51301 -7.630475 -138.793975 -0.478188
-0.006899 -0.435584 -100.595510
0.67534 -7.630475 -138.793975 -0.478188
-0.006899 -0.147628 -55.979262
0.83767 -7.630475 -138.793975 -0.478188
-0.006899 -0.206992 -25.283415
1.00000 -7.630475 -138.793975 -0.478188
-0.006899 -0.589098 -0.699134

COMB DL-G1-1 ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 3.194387 28.449912 0.558092
2.23E-05 0.844099 65.472666 0.558092
0.51301 3.194387 28.449912 0.558092
2.23E-05 0.508275 48.401042 0.558092
0.67534 3.194387 28.449912 0.558092
2.23E-05 0.172860 128.793725 0.558092
0.83767 3.194387 28.449912 0.558092
2.23E-05 0.118862 14.617209 0.558092
1.00000 3.194387 28.449912 0.558092
2.23E-05 0.367338 2.242708

COMB DL-G1-2 ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -4.652335 -31.595688 -0.411677
-0.001431 -0.620446 -75.939095
0.51301 -4.652335 -31.595688 -0.411677
-0.001431 -0.375772 -56.430737
0.67534 -4.652335 -31.595688 -0.411677
-0.001431 -0.127244 -37.531173
0.83767 -4.652335 -31.595688 -0.411677
-0.001431 -0.162408 -19.001705
1.00000 -4.652335 -31.595688 -0.411677
-0.001431 -0.497929 -4.702947

COMB DL-G1-2 ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 9.008028 50.499445 0.875578
0.006638 1.299249 176.464514
0.51301 9.008028 50.499445 0.875578

0.006638 0.775431 148.822780 0.875578
0.67534 9.008028 50.499445
0.51301 0.271436 140.79427 0.875578
0.83767 0.008028 50.499445 0.875578
0.006638 0.188932 168.223912 0.875578
1.00000 0.008028 50.499445 0.875578
0.006638 0.515710 200.949015

COMB DL-G1-2 ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -6.476244 -124.197031 -0.558315
-0.008091 -0.843470 -145.433849
0.51301 -6.476244 -124.197031 -0.558315
-0.008091 -0.507381 -73.089890
0.67534 -6.476244 -124.197031 -0.558315
-0.008091 -0.171286 -35.965556
0.83767 -6.476244 -124.197031 -0.558315
-0.008091 -0.283702 -14.819801
1.00000 -6.476244 -124.197031 -0.558315
-0.008091 -0.809252 -0.015127

COMB DL-G1-3 ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 11.660056 66.903242 1.089585
0.006489 1.630816 218.718911
0.51301 11.660056 66.903242 1.089585
0.006489 0.971866 180.988080
0.67534 11.660056 66.903242 1.089585
0.006489 0.341086 159.158031
0.83767 11.660056 66.903242 1.089585
0.006489 0.224792 168.656034
1.00000 11.660056 66.903242 1.089585
0.006489 0.635555 196.580837
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G1-3 ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -7.984408 -137.718495 -0.695548
-0.006741 -0.050063 -184.416550
0.51301 -7.984408 -137.718495 -0.695548
-0.006741 -0.631982 -103.741210
0.67534 -7.984408 -137.718495 -0.695548
-0.006741 -0.213544 -51.636784
0.83767 -7.984408 -137.718495 -0.695548
-0.006741 -0.337182 -14.765696
1.00000 -7.984408 -137.718495 -0.695548
-0.006741 -0.991234 -0.021593

COMB DL-G2-1 ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 4.363704 32.927997 0.400704
0.001405 0.610436 72.711587
0.51301 4.363704 32.927997 0.400704
0.001405 0.369455 59.207111
0.67534 4.363704 32.927997 0.400704
0.001405 0.128475 32.255222
0.83767 4.363704 32.927997 0.400704
0.001405 0.087043 13.372000
1.00000 4.363704 32.927997 0.400704
0.001405 0.265268 1.355667

COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -3.219252 -22.090940 -0.296366
-1.20E-05 -0.447967 -69.901449
0.51301 -3.219252 -22.090940 -0.296366
-1.20E-05 -0.269643 -59.207111
0.67534 -3.219252 -22.090940 -0.296366
-1.20E-05 -0.091366 -43.995363
0.83767 -3.219252 -22.090940 -0.296366
-1.20E-05 -0.112035 -32.228622
1.00000 -3.219252 -22.090940 -0.296366
-1.20E-05 -0.353044 -25.982503

COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 10.733715 49.101892 0.703080
0.007816 1.045396 159.481248 0.703080
0.51301 10.733715 49.101892 0.703080
0.007816 0.625344 132.363459 0.703080
0.67534 10.733715 49.101892 0.703080
0.007816 0.223483 122.785133 0.703080
0.83767 10.733715 49.101892 0.703080
0.007816 0.149067 146.420856 0.703080
1.00000 10.733715 49.101892 0.703080
0.007816 0.393083 171.791497

COMB DL-G2-2 ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -4.469363 -118.794047 -0.421409
-0.006405 -0.634096 -151.038335
0.51301 -4.469363 -118.794047 -0.421409
-0.006405 -0.381364 -81.661721
0.67534 -4.469363 -118.794047 -0.421409
-0.006405 -0.128825 -44.198175
0.83767 -4.469363 -118.794047 -0.421409
-0.006405 -0.225875 -21.791274
1.00000 -4.469363 -118.794047 -0.421409
-0.006405 -0.647720 -0.982919

COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 11.697132 78.597766 1.042195
0.007074 1.560455 254.581446
0.51301 11.697132 78.597766 1.042195
0.007074 0.935924 210.272394 1.042195
0.67534 11.697132 78.597766 1.042195
0.007074 0.328457 182.152034 1.042195
0.83767 11.697132 78.597766 1.042195
0.007074 0.216409 184.729676 1.042195
1.00000 11.697132 78.597766 1.042195
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -7.956594 -126.397951 -0.662967
-0.006317 -0.070720 -99.939254
0.51301 -7.956594 -126.397951 -0.662967
-0.006317 -0.601028 -96.172543
0.67534 -7.956594 -126.397951 -0.662967
-0.006317 -0.207522 -49.202727
0.83767 -7.956594 -126.397951 -0.662967
-0.006317 -0.322172 -22.483696
1.00000 -7.956594 -126.397951 -0.662967
-0.006317 -0.947863 -0.873515

COMB DB ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 12.858419 72.250365 0.641565
0.008281 0.950287 215.414605
0.51301 12.858419 72.250365 0.641565

0.008281 0.565157 173.405830 0.641565
0.67534 12.858419 72.250365
0.008281 0.203690 148.209798 0.641565
0.83767 12.858419 72.250365
0.008281 0.158892 161.551061 0.641565
1.00000 12.858419 72.250365
0.008281 0.440708 184.730553

COMB DB ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -8.419340 -144.243312 -0.492836
-0.008612 -0.745608 -180.255884
0.51301 -8.419340 -144.243312 -0.492836
-0.008612 -0.449029 -98.786010
0.67534 -8.419340 -144.243312 -0.492836
-0.008612 -0.152392 -48.910044
0.83767 -8.419340 -144.243312 -0.492836
-0.008612 -0.208759 -31.700117
1.00000 -8.419340 -144.243312 -0.492836
-0.008612 -0.594050 -0.018793

COMB DL ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 11.697132 78.597766 1.089585
0.007816 1.630816 254.581446
0.51301 11.697132 78.597766 1.089585
0.007816 0.971866 210.272394 1.089585
0.67534 11.697132 78.597766 1.089585
0.007816 0.341086 182.152034 1.089585
0.83767 11.697132 78.597766 1.089585
0.007816 0.224792 184.729676 1.089585
1.00000 11.697132 78.597766 1.089585
0.007816 0.635555 200.949015

COMB DB ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -7.984408 -137.718495 -0.695548
-0.008091 -0.050063 -184.416550
0.51301 -7.984408 -137.718495 -0.695548
-0.008091 -0.631982 -103.741210
0.67534 -7.984408 -137.718495 -0.695548
-0.008091 -0.213544 -52.133095
0.83767 -7.984408 -137.718495 -0.695548
-0.008091 -0.337182 -14.729676
1.00000 -7.984408 -137.718495 -0.695548
-0.008091 -0.991234 -25.982503

COMB CAR ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 12.858419 78.597766 1.089585
0.008281 1.630816 254.581446 1.089585
0.51301 12.858419 78.597766 1.089585
0.008281 0.971866 210.272394 1.089585
0.67534 12.858419 78.597766 1.089585
0.008281 0.341086 182.152034 1.089585
0.83767 12.858419 78.597766 1.089585
0.008281 0.224792 184.729676 1.089585
1.00000 12.858419 78.597766 1.089585
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FRAME ELEMENT INTERNA
L FORCES

COMB CAR ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -8.419340 -144.243312 -0.695548
-0.008612 -0.050063 -184.416550
0.51301 -8.419340 -144.243312 -0.695548
-0.008612 -0.631982 -103.741210
0.67534 -8.419340 -144.243312 -0.695548
-0.008612 -0.213544 -55.979262
0.83767 -8.419340 -144.243312 -0.695548
-0.008612 -0.337182 -14.729676
1.00000 -8.419340 -144.243312 -0.695548
-0.008612 -0.991234 -25.982503

COMB DESIGN ----- MAX
REL DIST T P M2 M3 V2 V3
0.35068 12.858419 78.597766 1.089585
0.008281 1.630816 254.581446 1.089585
0.51301 12.858419 78.597766 1.089585
0.008281 0.971866 210.272394 1.089585
0.67534 12.858419 78.597766 1.089585
0.008281 0.341086 182.152034 1.089585
0.83767 12.858419 78.597766 1.089585
0.008281 0.224792 184.729676 1.089585
1.00000 12.858419 78.597766 1.089585
0.008281 0.635555 200.949015

COMB DESIGN ----- MIN
REL DIST T P M2 M3 V2 V3
0.35068 -8.419340 -144.243312 -0.695548
-0.008612 -0.050063 -184.416550
0.51301 -8.419340 -144.243312 -0.695548
-0.008612 -0.631982 -103.741210
0.67534 -8.419340 -144.243312 -0.695548
-0.008612 -0.213544 -55.979262
0.83767 -8.419340 -144.243312 -0.695548
-0.008612 -0.337182 -14.729676
1.00000 -8.419340 -144.243312 -0.695548
-0.008612 -0.991234 -25.982503

ELEM 122 ----- LENGTH
= 3.706128

COMB DB-G1-1 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 2.154666 31.254636 0.277546
1.47E-05 0.247854 1.613076
0.16231 2.154666 31.254636
1.47E-05 0.080658 5.310239
0.32461 2.154666 31.254636 0.277546
1.47E-05 0.089739 29.381159
0.48692 2.154666 31.254636 0.277546
0.00000 2.154666 31.254636 0.277546
0.64923 2.154666 31.254636 0.277546
1.47E-05 0.439346 57.606318

COMB DB-G1-1 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -5.606684 -23.478826 -0.290554
-0.001392 -0.259756 -4.303424
0.16231 -5.606684 -23.478826 -0.290554
-0.001392 -0.280692 -22.388694
0.32461 -5.606684 -23.478826 -0.290554
-0.001392 -0.086300 -41.518606
0.48692 -5.606684 -23.478826 -0.290554
0.00000 -5.606684 -23.478826 -0.290554
0.64923 -5.606684 -23.478826 -0.290554
-0.001392 -0.419957 -79.044963

COMB DB-G1-2 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 3.172882 143.234156 0.

0.32461 0.155132 20.130067 0.006881 0.382669 165.367573 0.35073 4.528603 11.382414 0.293634 0.83768 12.035538 69.342171 0.636432
0.32461 3.159944 28.035121 0.542851 0.32461 7.881959 142.770245 1.065554 0.000346 0.445597 24.329064 0.293634 0.007205 0.168285 158.782734
0.32461 0.130841 38.876948 0.006881 0.204563 150.929079 0.000346 4.528603 11.382414 0.293634 1.00000 12.035538 69.342171 0.636432
0.48692 3.159944 28.035121 0.542851 0.48692 7.881959 142.770245 1.065554 0.000346 0.269947 17.494397 0.293634 0.007205 0.469106 174.585887
0.32461 0.130841 38.876948 0.006881 0.204563 150.929079 0.000346 4.528603 11.382414 0.293634 0.000346 0.269947 17.494397 0.293634 0.007205 0.469106 174.585887
0.64923 3.159944 28.035121 0.542851 0.64923 7.881959 142.770245 1.065554 0.000346 0.092279 10.691520 0.293634 0.000346 0.092279 10.691520 0.293634 0.000346 0.092279 10.691520 0.293634
1.335-05 0.646326 76.580217 0.006881 1.002625 167.879631 0.000346 0.269947 17.494397 0.293634 0.000346 0.269947 17.494397 0.293634 0.000346 0.269947 17.494397 0.293634 0.000346 0.269947 17.494397 0.293634

COMB DL-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -4.603095 -31.421838 -0.427574
-0.001433 -0.382613 -4.721956
0.16231 -4.603095 -31.421838 -0.427574
0.001433 -0.124863 -20.545566
0.32461 -4.603095 -31.421838 -0.427574
-0.001433 -0.170917 -37.175886
0.48692 -4.603095 -31.421838 -0.427574
0.001433 -0.496391 -53.960483
0.64923 -4.603095 -31.421838 -0.427574
-0.001433 -0.823552 -70.784856
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 4.372529 127.028489 0.860868
0.006542 4.373095 201.016285 0.860868
0.16231 4.372529 127.028489 0.860868
0.006542 4.373095 201.016285 0.860868
0.32461 4.372529 127.028489 0.860868
0.006542 4.373095 201.016285 0.860868
0.48692 4.372529 127.028489 0.860868
0.006542 4.373095 201.016285 0.860868
0.64923 4.372529 127.028489 0.860868
0.006542 4.373095 201.016285 0.860868
COMB DL-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.058994 -46.923914 -0.574504
-0.008316 -0.529689 -10.019366
0.16231 -11.058994 -46.923914 -0.574504
0.008316 -0.194012 -15.263982
0.32461 -11.058994 -46.923914 -0.574504
-0.008316 -0.269773 -38.118013
0.48692 -11.058994 -46.923914 -0.574504
0.008316 -0.764593 -77.338277
0.64923 -11.058994 -46.923914 -0.574504
-0.008316 -1.058994 -115.263982
COMB DL-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 7.929556 129.495862 1.101228
0.006193 7.929556 129.495862 1.101228
0.16231 7.929556 129.495862 1.101228
0.006193 7.929556 129.495862 1.101228
0.32461 7.929556 129.495862 1.101228
0.006193 7.929556 129.495862 1.101228
0.48692 7.929556 129.495862 1.101228
0.006193 7.929556 129.495862 1.101228
0.64923 7.929556 129.495862 1.101228
0.006193 7.929556 129.495862 1.101228
COMB DL-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -11.749695 -75.282640 -0.704584
0.006945 -0.642227 -10.026177
0.16231 -11.749695 -75.282640 -0.704584
0.006945 -0.226716 -19.855417
0.32461 -11.749695 -75.282640 -0.704584
0.006945 -0.344150 -52.473913
0.48692 -11.749695 -75.282640 -0.704584
0.006945 -0.987604 -98.980439
0.64923 -11.749695 -75.282640 -0.704584
0.006945 -1.647344 -174.446273
COMB DL-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 4.402071 34.101359 0.436384
0.001419 4.389190 1.358003 0.436384
0.16231 4.402071 34.101359 0.436384
0.001419 4.126837 1.738277 0.436384
0.32461 4.402071 34.101359 0.436384
0.001419 4.090444 12.512548 0.436384
0.006945 4.402071 34.101359 0.436384
0.001419 4.265057 25.530673 0.436384
0.64923 4.402071 34.101359 0.436384
0.001419 4.439603 38.178835 0.436384
COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -3.251273 -22.386740 -0.290371
-1.82E-05 -0.258795 -25.987343
0.16231 -3.251273 -22.386740 -0.290371
-0.006945 -0.134349 -52.258797
0.32461 -3.251273 -22.386740 -0.290371
-1.82E-05 -0.134349 -52.258797
0.48692 -3.251273 -22.386740 -0.290371
0.006945 -0.321230 -77.746589
0.64923 -3.251273 -22.386740 -0.290371
-1.82E-05 -0.659610 -92.578458
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 6.553481 120.713465 0.747794
0.007603 6.553481 120.713465 0.747794
0.16231 6.553481 120.713465 0.747794
0.007603 6.553481 120.713465 0.

0.007558 0.629064 177.746440
0.67537 7.337646 73.994811
0.007558 0.629064 177.746440
0.83768 7.337646 73.994811
0.007558 0.629064 177.746440
1.00000 7.337646 73.994811
0.007558 0.457253 171.653221

COMB DL-G2-2 MIN

REL DIST T M2 M3 V3
0.35073 -10.894996 -96.289772 -0.493803
0.006183 -0.742452 -97.823642
0.51305 -10.894996 -96.289772 -0.493803
0.006183 -0.447165 -42.101287
0.67537 -10.894996 -96.289772 -0.493803
0.006183 -1.152969 -77.498447
0.83768 -10.894996 -96.289772 -0.493803
0.006183 -0.672209 -67.676219
1.00000 -10.894996 -96.289772 -0.493803
0.006183 -0.640727 -118.7463

COMB DL-G2-3 MAX

REL DIST T M2 M3 V3
0.35073 11.240416 87.886348 1.067875
0.006840 1.602138 273.053946
0.51305 11.240416 87.886348 1.067875
0.006840 0.965855 222.888845
0.67537 11.240416 87.886348 1.067875
0.006840 0.339123 188.563729
0.83768 11.240416 87.886348 1.067875
0.006840 0.250899 186.675246
1.00000 11.240416 87.886348 1.067875
0.006840 0.721892 193.734329
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-3 MIN

REL DIST T M2 M3 V3
0.35073 -10.894996 -117.326557 -0.794495
0.006390 -1.200029 -143.560702
0.51305 -10.894996 -117.326557 -0.794495
0.006390 -0.723473 -75.80523
0.67537 -10.894996 -117.326557 -0.794495
0.006390 -0.247587 -36.023091
0.83768 -10.894996 -117.326557 -0.794495
0.006390 -0.325435 -12.973112
1.00000 -10.894996 -117.326557 -0.794495
0.006390 -0.966643 -1.048363

COMB DB G2-3 MAX

REL DIST T M2 M3 V3
0.35073 11.608065 96.342171 0.659585
0.007684 0.980179 208.816536
0.51305 11.608065 96.342171 0.659585
0.007684 0.539214 186.236234
0.67537 11.608065 96.342171 0.659585
0.007684 0.208747 144.129033
0.83768 11.608065 96.342171 0.659585
0.007684 0.265472 177.746440
1.00000 11.608065 96.342171 0.659585
0.007684 0.491291 183.740124

COMB DB G2-3 MIN

REL DIST T M2 M3 V3
0.35073 -8.045165 -137.888235 -0.553015
0.008356 -0.839568 -166.188418
0.51305 -8.045165 -137.888235 -0.553015
0.008356 -0.508356 -88.50423
0.67537 -8.045165 -137.888235 -0.553015
0.008356 -0.174000 -42.336930
0.83768 -8.045165 -137.888235 -0.553015
0.008356 -0.212994 -19.503656
1.00000 -8.045165 -137.888235 -0.553015
0.008356 -0.608100 -17.242519

COMB DL G2-3 MAX

REL DIST T M2 M3 V3
0.35073 13.947844 87.886348 1.139991
0.007558 1.710290 273.053946
0.51305 13.947844 87.886348 1.139991
0.007558 1.032990 222.888845
0.67537 13.947844 87.886348 1.139991
0.007558 0.360251 188.563729
0.83768 13.947844 87.886348 1.139991
0.007558 0.264266 186.675246
1.00000 13.947844 87.886348 1.139991
0.007558 0.766796 202.355216

COMB DL G2-3 MIN

REL DIST T M2 M3 V3
0.35073 -10.894996 -145.580216 -0.846331
0.007953 -0.949996 -199.117669
0.51305 -10.894996 -145.580216 -0.846331
0.007953 -0.771654 -115.537392
0.67537 -10.894996 -145.580216 -0.846331
0.007953 -0.250899 -186.675246
0.83768 -10.894996 -145.580216 -0.846331
0.007953 -0.347345 -31.481601
1.00000 -10.894996 -145.580216 -0.846331
0.007953 -1.031821 -26.332606

COMB CAR G2-3 MAX

REL DIST T M2 M3 V3
0.35073 13.947844 87.886348 1.139991
0.007684 1.710290 273.053946
0.51305 13.947844 87.886348 1.139991
0.007684 1.032990 222.888845
0.67537 13.947844 87.886348 1.139991
0.007684 0.360251 188.563729
0.83768 13.947844 87.886348 1.139991
0.007684 0.264266 186.675246
1.00000 13.947844 87.886348 1.139991
0.007684 0.766796 202.355216
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR G2-3 MIN

REL DIST T M2 M3 V3
0.35073 -10.894996 -145.580216 -0.846331
0.006356 -1.200029 -199.117669
0.51305 -10.894996 -145.580216 -0.846331
0.006356 -0.771654 -115.537392
0.67537 -10.894996 -145.580216 -0.846331
0.006356 -0.250899 -186.675246
0.83768 -10.894996 -145.580216 -0.846331
0.006356 -0.347345 -31.481601
1.00000 -10.894996 -145.580216 -0.846331
0.006356 -1.031821 -26.332606

COMB DESIGN G2-3 MAX

REL DIST T M2 M3 V3
0.35073 13.947844 87.886348 1.139991
0.007684 1.710290 273.053946
0.51305 13.947844 87.886348 1.139991

0.007684 1.032990 222.888845
0.67537 13.947844 87.886348
0.007684 1.032990 222.888845
0.83768 13.947844 87.886348
0.007684 0.264266 186.675246
1.00000 13.947844 87.886348
0.007684 0.766796 202.355216

COMB DESIGN G2-3 MIN

REL DIST T M2 M3 V3
0.35073 -10.894996 -145.580216 -0.846331
0.008356 -1.200029 -199.117669
0.51305 -10.894996 -145.580216 -0.846331
0.008356 -0.771654 -115.537392
0.67537 -10.894996 -145.580216 -0.846331
0.008356 -0.250899 -186.675246
0.83768 -10.894996 -145.580216 -0.846331
0.008356 -0.347345 -31.481601
1.00000 -10.894996 -145.580216 -0.846331
0.008356 -1.031821 -26.332606

ELEM 124 LENGTH

COMB DB-G1-1 MAX

REL DIST T M2 M3 V3
0.00000 4.508189 11.155647 0.295064
0.000367 0.262113 1.524057
0.16232 4.508189 11.155647 0.295064
0.000367 0.084545 20.744364
0.32463 4.508189 11.155647 0.295064
0.000367 0.103887 40.437262
0.48695 4.508189 11.155647 0.295064
0.000367 0.303138 60.172716
0.64927 4.508189 11.155647 0.295064
0.000367 0.502321 79.932276

COMB DB-G1-1 MIN

REL DIST T M2 M3 V3
0.00000 2.110374 -32.837582 -0.331072
0.001317 -0.294403 -3.539667
0.16232 2.110374 -32.837582 -0.331072
0.001317 -0.095204 -9.934419
0.32463 2.110374 -32.837582 -0.331072
0.001317 -0.092927 -16.529751
0.48695 2.110374 -32.837582 -0.331072
0.001317 -0.270455 -23.185909
0.64927 2.110374 -32.837582 -0.331072
0.001317 -0.447965 -29.880750

COMB DB-G1-2 MAX

REL DIST T M2 M3 V3
0.00000 5.651701 120.044863 0.512739
0.007304 0.484438 120.044863 0.512739
0.16232 5.651701 120.044863 0.512739
0.007304 0.176011 143.684078 0.512739
0.32463 5.651701 120.044863 0.512739
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 MIN

REL DIST T M2 M3 V3
0.48695 5.651701 120.044863 0.512739
0.007304 0.439323 115.556645 0.512739
0.64927 5.651701 120.044863 0.512739
0.007304 0.150882 142.950659

COMB DB-G1-2 MAX

REL DIST T M2 M3 V3
0.00000 -9.118470 -47.847435 -0.479251
0.16232 -9.118470 -47.847435 -0.479251
0.00000 -0.008080 -3.817585
0.32463 -9.118470 -47.847435 -0.479251
0.00000 -0.150800 -47.847435 -0.479251
0.48695 -9.118470 -47.847435 -0.479251
0.00000 -0.453269 -44.549340
0.64927 -9.118470 -47.847435 -0.479251
0.00000 -0.750076 -110.312951

COMB DB-G1-3 MAX

REL DIST T M2 M3 V3
0.00000 7.298629 124.705089 0.677455
0.006904 0.625536 173.591475 0.677455
0.16232 7.298629 124.705089 0.677455
0.006904 0.217981 153.913772 0.677455
0.32463 7.298629 124.705089 0.677455
0.006904 0.178519 138.579512 0.677455
0.64927 7.298629 124.705089 0.677455
0.006904 0.852105 197.338098

COMB DB-G1-3 MIN

REL DIST T M2 M3 V3
0.00000 -11.052318 -64.130397 -0.561299
0.006825 -0.498651 -0.014177
0.16232 -11.052318 -64.130397 -0.561299
0.006825 -0.126649 -1.126564
0.32463 -11.052318 -64.130397 -0.561299
0.006825 -0.212856 -36.919344
0.48695 -11.052318 -64.130397 -0.561299
0.64927 -11.052318 -64.130397 -0.561299
0.006825 -0.607393 -43.084040
0.001341 0.197774 15.815836
0.001341 0.327580 5.737355

COMB DB-G2-1 MAX

REL DIST T M2 M3 V3
0.00000 1.815836 35.618209 0.265286
0.001341 0.235715 0.950475
0.16232 1.815836 35.618209 0.265286
0.001341 0.076073 1.594005
0.32463 1.815836 35.618209 0.265286
0.001341 0.067857 2.907406
0.48695 1.815836 35.618209 0.265286
0.001341 0.197774 43.084040
0.64927 1.815836 35.618209 0.265286
0.001341 0.327580 5.737355

COMB DB-G2-1 MIN

REL DIST T M2 M3 V3
0.00000 -4.712587 -3.609399
0.000345 -0.191843 -17.246846
0.16232 -4.712587 -3.609399
0.000345 -0.061976 -26.089018
0.32463 -4.712587 -3.609399
0.000345 -0.083508 -48.870159
0.48695 -4.712587 -3.609399
0.000345 -0.243106 -70.092180
0.64927 -4.712587 -3.609399
0.000345 -0.402701 -91.462228

COMB DB-G2-2 MAX

REL DIST T M2 M3 V3
0.00000 3.268901 133.946698 0.496755
0.007913 0.486925 162.128646
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T M2 M3 V3
0.16232 3.268901 133.946698 0.496755
0.007913 0.169434 116.637152
0.32463 3.268901 133.946698 0.496755
0.007913 0.105066 71.474795
0.48695 3.268901 133.946698 0.496755
0.007913 0.305366 67.527072
0.006430 0.295995 133.946698 0.496755
0.007913 0.506447 81.691283

COMB DB-G2-2 MIN

REL DIST T M2 M3 V3
0.00000 -11.347860 -25.678528 -0.333450
0.006430 -0.259595 -0.837561
0.16232 -11.347860 -25.678528 -0.333450
0.006430 -0.113217 -25.565662
0.32463 -11.347860 -25.678528 -0.333450
0.006430 -0.165690 -50.33535
0.48695 -11.347860 -25.678528 -0.333450
0.006430 -0.439836 -90.235873
0.64927 -11.347860 -25.678528 -0.333450
0.006430 -0.727184 -184.812916

COMB DB-G2-3 MAX

REL DIST T M2 M3 V3
0.00000 5.718858 147.003734 0.655832
0.007627 0.678926 175.053588
0.16232 5.718858 147.003734 0.655832
0.007627 0.213151 130.196140
0.32463 5.718858 147.003734 0.655832
0.007627 0.161726 96.919073
0.48695 5.718858 147.003734 0.655832
0.007627 0.488552 106.631319
0.64927 5.718858 147.003734 0.655832
0.007627 0.809184 131.365512

COMB DB-G2-3 MIN

REL DIST T M2 M3 V3
0.00000 -12.828527 -43.316292 -0.532944
0.006964 -0.473338 -0.808150
0.16232 -12.828527 -43.316292 -0.532944
0.006964 -0.169312 -23.485329
0.32463 -12.828527 -43.316292 -0.532944
0.006964 -0.205784 -50.381946
0.48695 -12.828527 -43.316292 -0.532944
0.006964 -0.586666 -100.025007
0.64927 -12.828527 -43.316292 -0.532944
0.006964 -0.971057 -182.857638

COMB DL-G1-1 MAX

REL DIST T M2 M3 V3
0.00000 7.506143 10.574069 0.579460
0.000328 0.510821 2.153504
0.16232 7.506143 10.574069 0.579460
0.000328 0.165299 11.135858
0.32463 7.506143 10.574069 0.579460
0.000328 0.158669 62.411534
0.48695 7.506143 10.574069 0.579460
0.000328 0.465710 95.212924
0.64927 7.506143 10.574069 0.579460
0.000328 0.772220 124.063617

COMB DL-G1-1 MIN

REL DIST T M2 M3 V3
0.00000 -1.830700 -51.363393 -0.509180
0.001401 -0.452982 -3.606110
0.16232 -1.830700 -51.363393 -0.509180
0.001401 -0.145997 -9.576786
0.32463 -1.830700 -51.363393 -0.509180
0.001401 -0.185159 -14.720418
0.48695 -1.830700 -51.363393 -0.509180
0.001401 -0.534445 -20.965676
0.64927 -1.830700 -51.363393 -0.509180
0.001401 -0.881788 -27.272309
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 MAX

REL DIST T M2 M3 V3
0.00000 9.211046 106.670066 0.918292
0.006772 0.840408 202.466371
0.16232 9.211046 106.670066
0.006772 0.299047 180.026900
0.32463 9.211046 106.670066
0.006772 0.227343 162.210849
0.48695 9.211046 106.670066
0.006772 0.069419 181.098114
0.64927 9.211046 106.670066
0.006772 1.101591 218.620265

COMB DL-G1-2 MIN

REL DIST T M2 M3 V3
0.00000 -13.797417 -67.227466 -0.729497
0.00068 -0.666928 -0.008244
0.16232 -13.797417 -67.227466
0.00068 -0.239120 -4.249975
0.32463 -13.797417 -67.227466
0.00068 -0.291390 -14.558009
0.48695 -13.797417 -67.227466
0.00068 -0.823341 -42.254004
0.64927 -13.797417 -67.227466
0.00068 -1.369986 -103.757006

COMB DL-G1-3 MAX

REL DIST T M2 M3 V3
0.00000 10.187957 124.382240 1.145263
0.006376 1.036390 197.239820
0.16232 10.187957 124.382240 1.145263
0.006376

0.007913 0.348664 183.503551 1.145263
0.32463 0.187957 153.164553 1.145263
0.007913 0.267722 182.127158 1.145263
0.48695 0.107957 153.164553 1.145263
0.007913 0.780535 211.745354 1.145263
0.64927 0.187957 153.164553 1.145263
0.007913 1.294322 256.816263

COMB CAR ----- MIN

REL DIST T M2 M3 V3
0.00000 -14.955098 -79.297675 -0.855462
0.00080 -0.774417 -26.318359 -0.855462
0.16232 -14.955098 -79.297675 -0.855462
-0.00080 -0.266598 -55.216435 -0.855462
0.32463 -14.955098 -79.297675 -0.855462
-0.00080 -14.955098 -79.297675 -0.855462
0.48695 -14.955098 -79.297675 -0.855462
-0.00080 -1.038258 -137.203022 -0.855462
0.64927 -14.955098 -79.297675 -0.855462
-0.00080 -1.718370 -226.750587

COMB DESIGN ----- MAX

REL DIST T M2 M3 V3
0.00000 0.107957 153.164553 1.145263
0.007913 1.036390 202.466371 1.145263
0.16232 0.187957 153.164553 1.145263
0.007913 0.348664 183.503551 1.145263
0.32463 0.187957 153.164553 1.145263
0.007913 0.267722 182.127158 1.145263
0.48695 0.107957 153.164553 1.145263
0.007913 0.780535 211.745354 1.145263
0.64927 0.187957 153.164553 1.145263
0.007913 1.294322 256.816263

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3
0.00000 -14.955098 -79.297675 -0.855462
0.00080 -0.774417 -26.318359 -0.855462
0.16232 -14.955098 -79.297675 -0.855462
-0.00080 -0.266598 -55.216435 -0.855462
0.32463 -14.955098 -79.297675 -0.855462
-0.00080 -14.955098 -79.297675 -0.855462
0.48695 -14.955098 -79.297675 -0.855462
0.007913 0.780535 211.745354 1.145263
0.64927 0.187957 153.164553 1.145263
0.007913 1.294322 256.816263

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3

0.00000 -14.955098 -79.297675 -0.855462

0.00080 -0.774417 -26.318359 -0.855462

0.16232 -14.955098 -79.297675 -0.855462

-0.00080 -0.266598 -55.216435 -0.855462

0.32463 -14.955098 -79.297675 -0.855462

-0.00080 -14.955098 -79.297675 -0.855462

0.48695 -14.955098 -79.297675 -0.855462

0.007913 0.780535 211.745354 1.145263

0.64927 0.187957 153.164553 1.145263

0.007913 1.294322 256.816263

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3

0.00000 -14.955098 -79.297675 -0.855462

0.00080 -0.774417 -26.318359 -0.855462

0.16232 -14.955098 -79.297675 -0.855462

-0.00080 -0.266598 -55.216435 -0.855462

0.32463 -14.955098 -79.297675 -0.855462

-0.00080 -14.955098 -79.297675 -0.855462

0.48695 -14.955098 -79.297675 -0.855462

0.007913 0.780535 211.745354 1.145263

0.64927 0.187957 153.164553 1.145263

0.007913 1.294322 256.816263

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3

0.00000 -14.955098 -79.297675 -0.855462

0.00080 -0.774417 -26.318359 -0.855462

0.16232 -14.955098 -79.297675 -0.855462

-0.00080 -0.266598 -55.216435 -0.855462

0.32463 -14.955098 -79.297675 -0.855462

-0.00080 -14.955098 -79.297675 -0.855462

0.48695 -14.955098 -79.297675 -0.855462

0.007913 0.780535 211.745354 1.145263

0.64927 0.187957 153.164553 1.145263

0.007913 1.294322 256.816263

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3

0.00000 -14.955098 -79.297675 -0.855462

0.00080 -0.774417 -26.318359 -0.855462

0.16232 -14.955098 -79.297675 -0.855462

-0.00080 -0.266598 -55.216435 -0.855462

0.32463 -14.955098 -79.297675 -0.855462

-0.00080 -14.955098 -79.297675 -0.855462

0.48695 -14.955098 -79.297675 -0.855462

0.007913 0.780535 211.745354 1.145263

0.64927 0.187957 153.164553 1.145263

0.007913 1.294322 256.816263

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3

0.00000 -14.955098 -79.297675 -0.855462

0.00080 -0.774417 -26.318359 -0.855462

0.16232 -14.955098 -79.297675 -0.855462

-0.00080 -0.266598 -55.216435 -0.855462

0.32463 -14.955098 -79.297675 -0.855462

-0.00080 -14.955098 -79.297675 -0.855462

0.48695 -14.955098 -79.297675 -0.855462

0.007913 0.780535 211.745354 1.145263

0.64927 0.187957 153.164553 1.145263

0.007913 1.294322 256.816263

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3

0.00000 -14.955098 -79.297675 -0.855462

0.00080 -0.774417 -26.318359 -0.855462

0.16232 -14.955098 -79.297675 -0.855462

-0.00080 -0.266598 -55.216435 -0.855462

0.32463 -14.955098 -79.297675 -0.855462

-0.00080 -14.955098 -79.297675 -0.855462

0.48695 -14.955098 -79.297675 -0.855462

0.007913 0.780535 211.745354 1.145263

0.64927 0.187957 153.164553 1.145263

0.007913 1.294322 256.816263

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3

0.00000 -14.955098 -79.297675 -0.855462

0.00080 -0.774417 -26.318359 -0.855462

0.16232 -14.955098 -79.297675 -0.855462

-0.00080 -0.266598 -55.216435 -0.855462

0.32463 -14.955098 -79.297675 -0.855462

-0.00080 -14.955098 -79.297675 -0.855462

0.48695 -14.955098 -79.297675 -0.855462

0.007913 0.780535 211.745354 1.145263

0.64927 0.187957 153.164553 1.145263

0.007913 1.294322 256.816263

REL DIST T M2 M3 V3
0.35070 0.143090 33.020960 0.236860
0.000839 0.348334 73.756162 0.236860
0.51302 0.143090 33.020960 0.236860
0.000839 0.205890 59.916872 0.236860
0.67535 0.143090 33.020960 0.236860
0.000839 0.063244 38.188872 0.236860
0.83767 0.143090 33.020960 0.236860
0.000839 0.074023 14.641263 0.236860
1.00000 0.143090 33.020960 0.236860
0.000839 0.207915 0.948406

COMB DB-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.35070 -5.728299 -2.630098 -0.221309
-0.000830 -0.324756 -6.403317 -0.221309
0.51302 -5.728299 -2.630098 -0.221309
0.000839 0.119398 -2.630098 -0.221309
0.67535 -5.728299 -2.630098 -0.221309
0.000839 -0.058376 -3.306907 -0.221309
0.83767 -5.728299 -2.630098 -0.221309
0.000839 0.073260 -2.630098 -0.221309
1.00000 -5.728299 -2.630098 -0.221309
0.000839 -0.221781 -16.807758

COMB DB-G2-2 ----- MAX

REL DIST T M2 M3 V3
0.35070 4.985891 51.944404 0.428025
0.006885 0.629199 139.395116 0.428025
0.51302 4.985891 51.944404 0.428025
0.006885 0.317643 111.997709 0.428025
0.67535 4.985891 51.944404 0.428025
0.006885 0.119398 59.346373 0.428025
0.83767 4.985891 51.944404 0.428025
0.006885 0.135286 122.153035 0.428025
1.00000 4.985891 51.944404 0.428025
0.006885 0.358255 150.031839

COMB DB-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.35070 -7.732637 -88.263048 -0.381503
-0.005427 -0.559980 -64.303317 -0.381503
0.51302 -7.732637 -88.263048 -0.381503
-0.005427 -0.330419 -26.664408 -0.381503
0.67535 -7.732637 -88.263048 -0.381503
-0.005427 -0.100722 -39.100929 -0.381503
0.83767 -7.732637 -88.263048 -0.381503
-0.005427 -0.165371 -1.824392 -0.381503
1.00000 -7.732637 -88.263048 -0.381503
-0.005427 -0.416869 -0.633593

COMB DB-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.35070 8.099787 59.893186 0.625325
0.006889 0.918860 181.687957 0.625325
0.51302 8.099787 59.893186 0.625325
0.006889 0.542579 149.245570 0.625325
0.67535 8.099787 59.893186 0.625325
0.006889 0.166166 126.819769 0.625325
0.83767 8.099787 59.893186 0.625325
0.006889 0.219831 144.902048 0.625325
1.00000 8.099787 59.893186 0.625325
0.006889 0.595747 163.893410

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.35070 -7.667536 -100.865311 -0.634840
-0.005537 -0.932259 -96.492136 -0.634840
0.51302 -7.667536 -100.865311 -0.634840
-0.005537 -0.550258 -44.504491 -0.634840
0.67535 -7.667536 -100.865311 -0.634840
-0.005537 -0.168101 -17.614966 -0.634840
0.83767 -7.667536 -100.865311 -0.634840
-0.005537 -0.230384 -5.447253 -0.634840
1.00000 -7.667536 -100.865311 -0.634840
-0.005537 -0.601011 -0.617740

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.35070 10.760399 3.048271 0.386863
0.000919 0.937223 8.142502 0.386863
0.51302 10.760399 3.048271 0.386863
0.000919 0.525468 10.657616 0.386863
0.67535 10.760399 3.048271 0.386863
0.000919 0.168566 4.668024 0.386863
0.83767 10.760399 3.048271 0.386863
0.000919 0.210251 3.062977 0.386863
1.00000 10.760399 3.048271 0.386863
0.000919 0.589809 2.128638

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.35070 -1.397838 -126.640949 -0.616240
-0.005700 -0.905396 139.476320 -0.616240
0.51302 -1.397838 -126.640949 -0.616240
-0.005700 -0.534587 -73.357015 -0.616240
0.67535 -1.397838 -126.640949 -0.616240
-0.005700 -0.163662 -66.423786 -0.616240
0.83767 -1.397838 -126.640949 -0.616240
-0.005700 -0.200965 -16.157687 -0.616240
1.00000 -1.397838 -126.640949 -0.616240
-0.005700 -0.511767 -0.007348

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.35070 10.168032 37.340204 0.668204
0.006766 0.981557 118.285056 0.668204
0.51302 10.168032 37.340204 0.668204
0.006766 0.579479 98.355475 0.668204
0.67535 10.168032 37.340204 0.668204
0.006766 0.177334 90.929299 0.668204
0.83767 10.168032 37.340204 0.668204
0.006766 0.065031 120.304536 0.668204
1.00000 10.168032 37.340204 0.668204
0.006766 0.644372 163.107185

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.35070 17.055627 21.791427 0.979746
0.006677 1.432385 101.727182 0.979746
0.51302 17.055627 21.791427 0.979746
0.006677 0.841868 91.711675 0.979746
0.67535 17.055627 21.791427 0.979746
0.006677 0.325284 96.934445 0.979746
0.83767 17.055627 21.791427 0.979746
0.006677 0.328452 142.064696 0.979746
1.00000 17.055627 21.791427 0.979746
0.006677 0.891267 195.740720

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.35070 -1.856652 -152.879002 -0.948033
-0.004930 -1.010563 -127.585753 -0.948033
0.51302 -1.856652 -152.879002 -0.948033
-0.004930 -0.819404 -127.358749 -0.948033
0.67535 -1.856652 -152.879002 -0.948033
-0.004930 -0.605930 -89.892348 -0.948033
0.83767 -1.856652 -152.879002 -0.948033
-0.004930 -0.354963 -30.055125 -0.948033
1.00000 -1.856652 -152.879002 -0.948033
-0.004930 -0.941430 -0.009551

COMB DB-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.35070 15.451490 59.420303 1.159834
0.006248 1.697534 202.577360 1.159834
0.51302 15.451490 59.420303 1.159834

0.006248 0.999035 169.915802 1.159834
0.67535 15.451490 59.420303 1.159834
0.006248 0.999035 169.915802 1.159834
0.83767 15.451490 59.420303 1.159834
0.006248 0.999035 169.915802 1.159834
1.00000 15.451490 59.420303 1.159834
0.83767 15.451490 59.420303 1.159834
0.006248 0.999035 169.915802 1.159834
0.83767 15

REL DIST P M2 V2 V3
0.00000 6.515065 101.630843 0.669543
0.005377 0.641606 163.360832 0.669543
0.16233 6.515065 101.630843 0.669543
0.005377 0.241477 138.766409 0.669543
0.32466 6.515065 101.630843 0.669543
0.005377 0.185541 118.943827 0.669543
0.64898 6.515065 101.630843 0.669543
0.005377 0.604966 137.654066 0.669543
0.46931 6.515065 101.630843 0.669543
0.005377 1.023787 165.682792 0.669543

COMB DB-G1-3 MIN

REL DIST P M2 V2 V3
0.00000 -9.111978 -52.951403 -0.696338
-0.006667 -0.652297 -0.019858 -0.696338
0.16233 -9.111978 -52.951403 -0.696338
-0.006667 -0.239285 -8.591938 -0.696338
0.32466 -9.111978 -52.951403 -0.696338
-0.006667 -0.178144 -22.910001 -0.696338
0.48698 -9.111978 -52.951403 -0.696338
-0.006667 -0.581139 -51.110528 -0.696338
0.64931 -9.111978 -52.951403 -0.696338
-0.006667 -0.984036 -103.394051 -0.696338

COMB DB-G2-1 MAX

REL DIST P M2 V2 V3
0.00000 0.126316 33.386905 0.238112
0.000087 0.223316 0.949722 0.238112
0.16233 0.126297 33.386905 0.238112
0.000087 0.079994 1.630149 0.238112
0.32466 0.126297 33.386905 0.238112
0.000087 0.058722 0.031520 0.238112
0.48698 0.126297 33.386905 0.238112
0.000087 0.192121 4.551757 0.238112
0.64931 0.126297 33.386905 0.238112
0.000087 0.325476 6.095314 0.238112

COMB DB-G2-1 MIN

REL DIST P M2 V2 V3
0.00000 -5.813638 -2.589456 -0.221612
-0.000901 -0.207944 -6.803952 -0.221612
0.16233 -5.813638 -2.589456 -0.221612
-0.000901 -0.074584 -27.233984 -0.221612
0.32466 -5.813638 -2.589456 -0.221612
-0.000901 -0.050909 -46.893412 -0.221612
0.48698 -5.813638 -2.589456 -0.221612
-0.000901 -0.206548 -66.364369 -0.221612
0.64931 -5.813638 -2.589456 -0.221612
-0.000901 -0.349832 -86.343226 -0.221612

COMB DB-G2-2 MAX

REL DIST P M2 V2 V3
0.00000 0.802382 124.224734 0.429028
0.005387 0.417836 150.321991 0.429028
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.16233 0.802382 124.224734 0.429028
0.005387 0.165780 101.365811 0.429028
0.32466 0.802382 124.224734 0.429028
0.005387 0.101315 52.251955 0.429028
0.48698 0.802382 124.224734 0.429028
0.005387 0.330710 48.499656 0.429028
0.64931 0.802382 124.224734 0.429028
0.005387 0.559968 54.259708 0.429028

COMB DB-G2-2 MIN

REL DIST P M2 V2 V3
0.00000 -12.364102 -16.639359 -0.380986
-0.006826 -0.357064 -0.816680 -0.380986
0.16233 -12.364102 -16.639359 -0.380986
-0.006826 -0.134639 -23.723758 -0.380986
0.32466 -12.364102 -16.639359 -0.380986
-0.006826 -0.114160 -46.966007 -0.380986
0.48698 -12.364102 -16.639359 -0.380986
-0.006826 -0.372493 -85.612124 -0.380986
0.64931 -12.364102 -16.639359 -0.380986
-0.006826 -0.630661 -151.258182 -0.380986

COMB DB-G2-3 MAX

REL DIST P M2 V2 V3
0.00000 4.220564 127.340501 0.627118
0.005647 0.602581 164.163968 0.627118
0.16233 4.220564 127.340501 0.627118
0.005647 0.230612 116.520125 0.627118
0.32466 4.220564 127.340501 0.627118
0.005647 0.169420 81.325282 0.627118
0.48698 4.220564 127.340501 0.627118
0.005647 0.552929 87.639377 0.627118
0.64931 4.220564 127.340501 0.627118
0.005647 0.936287 103.870076 0.627118

COMB DB-G2-3 MIN

REL DIST P M2 V2 V3
0.00000 -11.983408 -33.836427 -0.637052
-0.007044 -0.597083 -0.602804 -0.637052
0.16233 -11.983408 -33.836427 -0.637052
-0.007044 -0.220062 -21.746498 -0.637052
0.32466 -11.983408 -33.836427 -0.637052
-0.007044 -0.166747 -43.455546 -0.637052
0.48698 -11.983408 -33.836427 -0.637052
-0.007044 -0.544267 -80.725613 -0.637052
0.64931 -11.983408 -33.836427 -0.637052
-0.007044 -0.921640 -146.240271 -0.637052

COMB DL-G1-1 MAX

REL DIST P M2 V2 V3
0.00000 10.607709 3.052274 0.633139
0.000949 0.591849 2.146614 0.633139
0.16233 10.607709 3.052274 0.633139
0.000949 0.211239 37.836704 0.633139
0.32466 10.607709 3.052274 0.633139
0.000949 0.165828 74.55407 0.633139
0.48698 10.607709 3.052274 0.633139
0.000949 0.543933 193.954738 0.633139
0.64931 10.607709 3.052274 0.633139
0.000949 0.920581 149.205025 0.633139

COMB DL-G1-1 MIN

REL DIST P M2 V2 V3
0.00000 -0.274069 -61.961427 -0.626319
-0.000958 -0.904958 -0.947810 -0.626319
0.16233 -0.274069 -61.961427 -0.626319
-0.000958 -0.209013 -1.925462 -0.626319
0.32466 -0.274069 -61.961427 -0.626319
-0.000958 -0.168429 -33.23379 -0.626319
0.48698 -0.274069 -61.961427 -0.626319
-0.000958 -0.549106 -4.960609 -0.626319
0.64931 -0.274069 -61.961427 -0.626319
-0.000958 -0.920581 -149.205025 -0.626319
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FRAME ELEMENT INTERNAL FORCES

L FORCES

COMB DL-G1-2 MAX

REL DIST P M2 V2 V3
0.00000 12.803939 91.540928 0.974242
0.005024 0.934748 195.718730 0.974242
0.16233 12.803939 91.540928 0.974242
0.005024 0.351662 184.715840 0.974242
0.32466 12.803939 91.540928 0.974242
0.005024 0.251056 175.804737 0.974242
0.48698 12.803939 91.540928 0.974242
0.005024 0.818943 206.780882 0.974242
0.64931 12.803939 91.540928 0.974242
0.005024 1.384781 253.083700 0.974242

COMB DL-G1-2 MIN

REL DIST P M2 V2 V3
0.00000 -6.105769 -82.174952 -0.943814
-0.006835 -0.886098 -0.010218 -0.943814
0.16233 -6.105769 -82.174952 -0.943814
-0.006835 -0.326042 -1.546476 -0.943814
0.32466 -6.105769 -82.174952 -0.943814
-0.006835 -0.256474 -3.538822 -0.943814
0.48698 -6.105769 -82.174952 -0.943814
-0.006835 -0.638884 -23.202337 -0.943814
0.64931 -6.105769 -82.174952 -0.943814
-0.006835 -1.426056 -75.017831 -0.943814

COMB DL-G1-3 MAX

REL DIST P M2 V2 V3
0.00000 11.953745 117.039521 1.162346
0.004710 0.106228 191.045603 1.162346
0.16233 11.953745 117.039521 1.162346
0.004710 0.409867 180.218289 1.162346
0.32466 11.953745 117.039521 1.162346
0.004710 0.291553 180.910988 1.162346
0.48698 11.953745 117.039521 1.162346
0.004710 0.949344 215.102923 1.162346
0.64931 11.953745 117.039521 1.162346
0.004710 1.608243 262.107936 1.162346

COMB DL-G1-3 MIN

REL DIST P M2 V2 V3
0.00000 -12.156430 -82.950828 -1.095685
-0.006190 -1.027718 -0.024680 -1.095685
0.16233 -12.156430 -82.950828 -1.095685
-0.006190 -0.374613 -12.810573 -1.095685
0.32466 -12.156430 -82.950828 -1.095685
-0.006190 -0.306355 -98.005562 -1.095685
0.48698 -12.156430 -82.950828 -1.095685
-0.006190 -1.002166 -78.610408 -1.095685
0.64931 -12.156430 -82.950828 -1.095685
-0.006190 -1.702159 -146.028671 -1.095685

COMB DL-G2-1 MAX

REL DIST P M2 V2 V3
0.00000 0.245415 72.337849 0.377317
0.000923 0.353252 1.370002 0.377317
0.16233 0.245415 72.337849 0.377317
0.000923 0.128483 0.454618 0.377317
0.32466 0.245415 72.337849 0.377317
0.000923 0.093861 4.232782 0.377317
0.48698 0.245415 72.337849 0.377317
0.000923 0.307020 6.092839 0.377317
0.64931 0.245415 72.337849 0.377317
0.000923 0.520693 8.015449 0.377317

COMB DL-G2-1 MIN

REL DIST P M2 V2 V3
0.00000 -11.331345 -3.273173 -0.354495
-0.000948 -0.331861 -25.867240 -0.354495
0.16233 -11.331345 -3.273173 -0.354495
-0.000948 -0.116757 -64.675261 -0.354495
0.32466 -11.331345 -3.273173 -0.354495
-0.000948 -0.099370 -107.801130 -0.354495
0.48698 -11.331345 -3.273173 -0.354495
-0.000948 -0.326054 -151.143339 -0.354495
0.64931 -11.331345 -3.273173 -0.354495
-0.000948 -0.553717 -194.608655 -0.354495
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COMB DL-G2-2 MAX

REL DIST P M2 V2 V3
0.00000 1.299874 157.532219 0.682524
0.004679 0.860692 164.675400 0.682524
0.16233 1.299874 157.532219 0.682524
0.004679 0.252892 121.871215 0.682524
0.32466 1.299874 157.532219 0.682524
0.004679 0.164326 79.014030 0.682524
0.48698 1.299874 157.532219 0.682524
0.004679 0.531937 75.047108 0.682524
0.64931 1.299874 157.532219 0.682524
0.004679 0.903862 80.961017 0.682524

COMB DL-G2-2 MIN

REL DIST P M2 V2 V3
0.00000 -18.132582 -82.950828 -0.616824
-0.006298 -0.578768 -0.998374 -0.616824
0.16233 -18.132582 -82.950828 -0.616824
-0.006298 -0.216703 -47.923953 -0.616824
0.32466 -18.132582 -82.950828 -0.616824
-0.006298 -0.178011 -95.313350 -0.616824
0.48698 -18.132582 -82.950828 -0.616824
-0.006298 -0.584778 -158.688528 -0.616824
0.64931 -18.132582 -82.950828 -0.616824
-0.006298 -0.995732 -251.219736 -0.616824

COMB DL-G2-3 MAX

REL DIST P M2 V2 V3
0.00000 7.476508 154.404844 1.077110
0.004924 1.027316 187.726950 1.077110
0.16233 7.476508 154.404844 1.077110
0.004924 0.381958 160.575251 1.077110
0.32466 7.476508 154.404844 1.077110
0.004924 0.288721 139.951335 1.077110
0.48698 7.476508 154.404844 1.077110
0.004924 0.874621 153.255830 1.077110
0.64931 7.476508 154.404844 1.077110
0.004924 1.483482 180.332239 1.077110

COMB DL-G2-3 MIN

REL DIST P M2 V2 V3
0.00000 -17.021499 -50.492489 -1.010838
-0.006420 -0.947810 -0.814764 -1.010838
0.16233 -17.021499 -50.492489 -1.010838
-0.006420 -0.346934 -43.480136 -1.010838
0.32466 -17.021499 -50.492489 -1.010838
-0.006420 -0.282929 -87.671088 -1.010838
0.48698 -17.021499 -50.492489 -1.010838
-0.006420 -0.927622 -147.665330 -1.010838
0.64931 -17.021499 -50.492489 -1.010838
-0.006420 -1.576219 -237.750039 -1.010838

COMB DB G1-2 MAX

REL DIST P M2 V2 V3
0.00000 6.998050 127.340501 0.669543
0.005747 0.641606 172.119664 0.669543
0.16233 6.998050 127.340501 0.669543

0.005747 0.244147 138.766409 0.669543
0.32466 6.998050 127.340501 0.669543
0.48698 6.998050 127.340501 0.669543
0.005747 0.604766 132.65556 0.669543
0.64931 6.998050 127.340501 0.669543
0.005747 1.023787 165.682792 0.669543

COMB DB G1-2 MIN

REL DIST P M2 V2 V3
0.00000 -12.364102 -52.951403 -0.696338
-0.007294 -0.652297 -0.1803526 -0.696338
0.16233 -12.364102 -52.951403 -0.696338
-0.007294 -0.239285 -27.233984 -0.696338
0.32466 -12.364102 -52.951403 -0.696338
-0.007294 -0.178144 -46.966007 -0.696338
0.48698 -12.364102 -52.951403 -0.696338
-0.007294 -0.581139 -85.612124 -0.696338
0.64931 -12.364102 -52.951403 -0.696338
-0.007294 -0.984036 -151.258182 -0.696338
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FRAME ELEMENT INTERNAL FORCES

COMB DL G1-2 MAX

REL DIST P M2 V2 V3
0.00000 12.803939 157.532219 1.162346
0.004724 0.106228 195.718730 1.162346
0.16233 12.803939 157.532219 1.162346
0.005024 0.409867 184.715840 1.162346
0.32466 12.803939 157.532219 1.162346
0.005024 0.291553 180.910988 1.162346
0.48698 12.803939 157.532219 1.162346
0.005024 0.949344 215.102923 1.162346
0.64931 12.803939 157.532219 1.162346
0.005024 1.608243 262.107936 1.162346

COMB DL G1-2 MIN

REL DIST P M2 V2 V3
0.00000 -18.132582 -82.950828 -1.095685
-0.006835 -1.027718 -0.024680 -1.095685
0.16233 -18.132582 -82.950828 -1.095685
-0.006835 -0.374613 -12.810573 -1.095685
0.32466 -18.132582 -82.950828 -1.095685
-0.006835 -0.306355 -98.005562 -1.095685
0.48698 -18.132582 -82.950828 -1.095685
-0.006835 -1.002166 -78.610408 -1.095685
0.64931 -18.132582 -82.950828 -1.095685
-0.006835 -1.702159 -146.028671 -1.095685

COMB CAR G1-2 MAX

REL DIST P M2 V2 V3
0.00000 12.803939 157.532219 1.162346
0.005747 1.06228 195.718730 1.162346
0.16233 12.803939 157.532219 1.162346
0.005747 0.244147 138.766409 1.162346
0.32466 12.803939 157.532219 1.162346
0.005747 0.291553 180.910988 1.162346
0.48698 12.803939 157.532219 1.162346
0.005747 0.949344 215.102923 1.162346
0.64931 12.803939 157.532219 1.162346
0.005747 1.608243 262.107936 1.162346

COMB CAR G1-2 MIN

REL DIST P M2 V2 V3
0.00000 -18.132582 -82.950828 -1.095685
-0.007294 -1.027718 -0.024680 -1.095685
0.16233 -18.132582 -82.950828 -1.095685
-0.007294 -0.374613 -12.810573 -1.095685
0.32466 -18.132582 -82.950828 -1.095685
-0.007294 -0.306355 -98.005562 -1.095685
0.48698 -18.132582 -82.950828 -1.095685
-0.007294 -1.002166 -78.610408 -1.09

-0.007004 -0.537871 -0.652861

COMB DL-G1-1 MAX

REL	DIS	P	M2	M3	V3
0.35070	8.676509	6.007585	0.614333		
0.001325	0.901873	13.276925	0.614333		
0.51302	8.676509	6.007585	0.614333		
0.001325	0.531513	9.729019	0.614333		
0.67535	8.676509	6.007585	0.614333		
0.001325	0.162170	6.264187	0.614333		
0.83767	8.676509	6.007585	0.614333		
0.001325	0.230453	2.966794	0.614333		
1.00000	8.676509	6.007585	0.614333		
0.001325	0.645957	2.026254	0.614333		

COMB DL-G1-1 MIN

REL	DIS	P	M2	M3	V3
0.35070	-1.010851	-54.963406	-0.688591		
-0.000499	-1.011679	-132.180508	-0.688591		
0.51302	-1.010851	-54.963406	-0.688591		
-0.000499	-0.597532	-99.168278	-0.688591		
0.67535	-1.010851	-54.963406	-0.688591		
-0.000499	-0.243472	-105.273267	-0.688591		
0.83767	-1.010851	-54.963406	-0.688591		
-0.000499	-0.205940	-33.680678	-0.688591		
1.00000	-1.010851	-54.963406	-0.688591		
-0.000499	-0.515281	-3.211235	-0.688591		

COMB DL-G1-2 MAX

REL	DIS	P	M2	M3	V3
0.35070	14.844826	27.974214	0.919996		
0.005347	1.340855	117.406175	0.919996		
0.51302	14.844826	27.974214	0.919996		
0.005347	0.794487	103.571532	0.919996		
0.67535	14.844826	27.974214	0.919996		
0.005347	0.243472	104.766114	0.919996		
0.83767	14.844826	27.974214	0.919996		
0.005347	0.381982	146.260740	0.919996		
1.00000	14.844826	27.974214	0.919996		
0.005347	1.021586	194.630450	0.919996		

COMB DL-G1-2 MIN

REL	DIS	P	M2	M3	V3
0.35070	-2.780308	-145.232494	-1.060092		
0.006175	-1.546755	-200.378839	-1.060092		
0.51302	-2.780308	-145.232494	-1.060092		
-0.006175	-0.912447	-115.420945	-1.060092		
0.67535	-2.780308	-145.232494	-1.060092		
0.006175	-0.277170	-62.403418	-1.060092		
0.83767	-2.780308	-145.232494	-1.060092		
-0.006175	-0.316596	-26.986535	-1.060092		
1.00000	-2.780308	-145.232494	-1.060092		
-0.006175	-0.863346	-0.007879	-1.060092		

COMB DL-G1-3 MAX

REL	DIS	P	M2	M3	V3
0.35070	14.123299	61.198766	1.066073		
0.004835	1.563161	205.534498	1.066073		
0.51302	14.123299	61.198766	1.066073		
0.004835	0.920823	171.752244	1.066073		
0.67535	14.123299	61.198766	1.066073		
0.004835	0.281573	150.589030	1.066073		
0.83767	14.123299	61.198766	1.066073		
0.004835	0.425775	164.133800	1.066073		
1.00000	14.123299	61.198766	1.066073		
0.004835	1.554666	190.357502	1.066073		

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 MIN

REL	DIS	P	M2	M3	V3
0.35070	-8.161069	-138.078694	-1.209916		
-0.006061	-1.770035	-193.858064	-1.209916		
0.51302	-8.161069	-138.078694	-1.209916		
-0.006061	-1.044868	-113.174229	-1.209916		
0.67535	-8.161069	-138.078694	-1.209916		
-0.006061	-0.318810	-59.001441	-1.209916		
0.83767	-8.161069	-138.078694	-1.209916		
-0.006061	-0.363799	-24.572661	-1.209916		
1.00000	-8.161069	-138.078694	-1.209916		
-0.006061	-0.999350	-0.019862	-1.209916		

COMB DL-G2-1 MAX

REL	DIS	P	M2	M3	V3
0.35070	0.732786	61.951969	0.320362		
0.000384	0.469152	130.943339	0.320362		
0.51302	0.732786	61.951969	0.320362		
0.000384	0.216768	94.931688	0.320362		
0.67535	0.732786	61.951969	0.320362		
0.000384	0.084145	58.195859	0.320362		
0.83767	0.732786	61.951969	0.320362		
0.000384	0.116726	20.092121	0.320362		
1.00000	0.732786	61.951969	0.320362		
0.000384	0.328441	1.349718	0.320362		

COMB DL-G2-1 MIN

REL	DIS	P	M2	M3	V3
0.35070	-9.003076	-2.842776	-0.352008		
-0.001301	-0.518039	-11.843779	-0.352008		
0.51302	-9.003076	-2.842776	-0.352008		
-0.001301	-0.305892	-11.660037	-0.352008		
0.67535	-9.003076	-2.842776	-0.352008		
-0.001301	-0.094189	-11.969788	-0.352008		
0.83767	-9.003076	-2.842776	-0.352008		
-0.001301	-0.107219	-13.291224	-0.352008		
1.00000	-9.003076	-2.842776	-0.352008		
-0.001301	-0.299688	-26.271211	-0.352008		

COMB DL-G2-2 MAX

REL	DIS	P	M2	M3	V3
0.35070	5.998476	82.896554	0.578624		
0.004100	0.846934	237.425681	0.578624		
0.51302	5.998476	82.896554	0.578624		
0.004100	0.498946	190.168367	0.578624		
0.67535	5.998476	82.896554	0.578624		
0.004100	0.153771	56.838697	0.578624		
0.83767	5.998476	82.896554	0.578624		
0.004100	0.242690	159.846993	0.578624		
1.00000	5.998476	82.896554	0.578624		
0.004100	0.636880	164.178555	0.578624		

COMB DL-G2-2 MIN

REL	DIS	P	M2	M3	V3
0.35070	-11.498659	-86.580495	-0.653829		
-0.006086	-0.007483	-10.739822	-0.653829		
0.51302	-11.498659	-86.580495	-0.653829		
-0.006086	-0.561443	-30.818864	-0.653829		
0.67535	-11.498659	-86.580495	-0.653829		
-0.006086	-0.111787	-10.151386	-0.653829		
0.83767	-11.498659	-86.580495	-0.653829		
-0.006086	-0.201466	-5.130717	-0.653829		
1.00000	-11.498659	-86.580495	-0.653829		
-0.006086	-0.543171	-1.183285	-0.653829		

COMB DL-G2-3 MAX

REL	DIS	P	M2	M3	V3
0.35070	10.693580	91.452494	0.970206		
0.004457	1.421914	277.079306	0.970206		
0.51302	10.693580	91.452494	0.970206		

0.004457 0.837666 224.871372 0.970206

0.67535 10.693580 91.452494 0.970206

0.004457 0.250933 195.317552 0.970206

0.83767 10.693580 91.452494 0.970206

0.004457 0.388325 190.968488 0.970206

1.00000 10.693580 91.452494 0.970206

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 MIN

REL	DIS	P	M2	M3	V3
0.35070	-11.745534	-110.158135	-1.095896		
-0.006367	-1.601788	-131.036505	-1.095896		
0.51302	-11.745534	-110.158135	-1.095896		
-0.006367	-0.945600	-67.186142	-1.095896		
0.67535	-11.745534	-110.158135	-1.095896		
-0.006367	-0.289066	-30.317000	-1.095896		
0.83767	-11.745534	-110.158135	-1.095896		
-0.006367	-0.313871	-9.292073	-1.095896		
1.00000	-11.745534	-110.158135	-1.095896		
-0.006367	-0.303436	-1.084533	-1.095896		

COMB DB G2-3 MAX

REL	DIS	P	M2	M3	V3
0.35070	10.920815	68.702811	0.628125		
0.000664	0.922197	202.427355	0.628125		
0.51302	10.920815	68.702811	0.628125		
0.000664	0.544242	146.222008	0.628125		
0.67535	10.920815	68.702811	0.628125		
0.000664	0.168193	36.212892	0.628125		
0.83767	10.920815	68.702811	0.628125		
0.000664	0.280895	129.391303	0.628125		
1.00000	10.920815	68.702811	0.628125		
0.000664	0.746971	170.764484	0.628125		

COMB DB G2-3 MIN

REL	DIS	P	M2	M3	V3
0.35070	-7.921069	-129.484476	-0.774414		
-0.007301	-1.346200	-147.267601	-0.774414		
0.51302	-7.921069	-129.484476	-0.774414		
-0.007301	-0.670540	-79.976898	-0.774414		
0.67535	-7.921069	-129.484476	-0.774414		
-0.007301	-0.206402	-40.017391	-0.774414		
0.83767	-7.921069	-129.484476	-0.774414		
-0.007301	-0.212411	-19.808634	-0.774414		
1.00000	-7.921069	-129.484476	-0.774414		
-0.007301	-0.589624	-17.056697	-0.774414		

COMB DL G2-3 MAX

REL	DIS	P	M2	M3	V3
0.35070	14.844826	91.452494	1.066073		
0.005347	1.563161	277.079306	1.066073		
0.51302	14.844826	91.452494	1.066073		
0.005347	0.920823	224.871372	1.066073		
0.67535	14.844826	91.452494	1.066073		
0.005347	0.281573	185.687652	1.066073		
0.83767	14.844826	91.452494	1.066073		
0.005347	0.425775	190.968488	1.066073		
1.00000	14.844826	91.452494	1.066073		
0.005347	1.155466	194.630450	1.066073		

COMB DL G2-3 MIN

REL	DIS	P	M2	M3	V3
0.35070	-11.745534	-145.232494	-1.209916		
-0.006806	-1.770035	-200.378839	-1.209916		
0.51302	-11.745534	-145.232494	-1.209916		
-0.006806	-1.044868	-115.420945	-1.209916		
0.67535	-11.745534	-145.232494	-1.209916		
-0.006806	-0.318810	-66.272067	-1.209916		
0.83767	-11.745534	-145.232494	-1.209916		
-0.006806	-0.363799	-24.572661	-1.209916		
1.00000	-11.745534	-145.232494	-1.209916		
-0.006806	-0.999350	-0.019862	-1.209916		

COMB CAR G2-3 MAX

REL	DIS	P	M2	M3	V3
0.35070	14.844826	91.452494	1.066073		
0.006064	1.563161	277.079306	1.066073		
0.51302	14.844826	91.452494	1.066073		
0.006064	0.920823	224.871372	1.066073		
0.67535	14.84				

L F O R C E S

COMB DL-G2-2					MAX
REL DIST	P	M2	M3		V3
0.00000	2.261006	147.456620	0.564534		
0.005736	0.529335	164.229317			
0.16233	2.261006	147.456625	0.564534		
0.005736	0.195881	124.555391			
0.32465	2.261006	147.456620	0.564534		
0.005736	0.178572	85.343424			
0.48698	2.261006	147.456625	0.564534		
0.005736	0.586572	82.602995			
0.64931	2.261006	147.456620	0.564534		
0.005736	0.994234	93.769695			

COMB DL-G2-2					MIN
REL DIST	P	M2	M3		V3
0.00000	-15.528089	-22.992156	-0.683424		
0.005119	-0.665181	-1.155274			
0.16233	-15.528089	-22.992156	-0.683424		
0.005119	-0.253271	-42.407117			
0.32465	-15.528089	-22.992156	-0.683424		
0.005119	-1.438818	-83.591766			
0.48698	-15.528089	-22.992156	-0.683424		
0.005119	-0.487581	-141.140468			
0.64931	-15.528089	-22.992156	-0.683424		
0.005119	-0.826770	-227.672169			

COMB DL-G2-3					MAX
REL DIST	P	M2	M3		V3
0.00000	7.294963	149.371160	0.963213		
0.006172	0.902023	186.791127			
0.16233	7.294963	149.371160	0.963213		
0.006172	0.328574	159.741046			
0.32465	7.294963	149.371160	0.963213		
0.006172	0.206172	130.373455			
0.48698	7.294963	149.371160	0.963213		
0.006172	0.958335	154.800253			
0.64931	7.294963	149.371160	0.963213		
0.006172	1.622644	182.501626			

COMB DL-G2-3					MIN
REL DIST	P	M2	M3		V3
0.00000	-15.390078	-52.365420	-1.109709		
0.005042	-1.061485	-1.011588			
0.16233	-15.390078	-52.365420	-1.109709		
0.005042	-0.392213	-38.270427			
0.32465	-15.390078	-52.365420	-1.109709		
0.005042	-0.255140	-77.293787			
0.48698	-15.390078	-52.365420	-1.109709		
0.005042	-0.832637	-137.235561			
0.64931	-15.390078	-52.365420	-1.109709		
0.005042	-1.412391	-224.477416			

COMB DB					MAX
REL DIST	P	M2	M3		V3
0.00000	6.967723	135.064654	0.619502		
0.007684	0.580431	171.072806			
0.16233	6.967723	135.064654	0.619502		
0.007684	0.200768	140.617622			
0.32465	6.967723	135.064654	0.619502		
0.007684	0.210834	130.438050			
0.48698	6.967723	135.064654	0.619502		
0.007684	0.685777	154.807354			
0.64931	6.967723	135.064654	0.619502		
0.007684	1.160646	190.023322			

COMB DB					MIN
REL DIST	P	M2	M3		V3
0.00000	-12.038118	-62.922067	-0.792812		
0.005792	-0.764681	-17.057217			
0.16233	-12.038118	-62.922067	-0.792812		
0.005792	-0.207592	-28.363804			
0.32465	-12.038118	-62.922067	-0.792812		
0.005792	-0.165052	-50.158132			
0.48698	-12.038118	-62.922067	-0.792812		
0.005792	-0.537910	-91.309356			
0.64931	-12.038118	-62.922067	-0.792812		
0.005792	-0.910686	-164.303227			
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F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB DL				MAX
REL DIST	P	M2	M3	V3
0.00000	10.811376	149.371160	1.068753	
0.007269	1.001202	194.700528		
0.16233	10.811376	149.371160	1.068753	
0.007269	0.363989	178.488817		
0.32465	10.811376	149.371160	1.068753	
0.007269	0.320354	178.684875		
0.48698	10.811376	149.371160	1.068753	
0.007269	0.048074	212.538471		
0.64931	10.811376	149.371160	1.068753	
0.007269	1.774820	259.026250		

COMB DL				MIN
REL DIST	P	M2	M3	V3
0.00000	-15.528089	-81.805789	-1.212472	
0.005119	-1.156699	-26.254846		
0.16233	-15.528089	-81.805789	-1.212472	
0.005119	-0.425391	-58.690063		
0.32465	-15.528089	-81.805789	-1.212472	
0.005119	-0.283097	-95.607659		
0.48698	-15.528089	-81.805789	-1.212472	
0.005119	-0.924221	-141.140468		
0.64931	-15.528089	-81.805789	-1.212472	
0.005119	-1.568141	-227.672169		

COMB CAR				MAX
REL DIST	P	M2	M3	V3
0.00000	10.811376	149.371160	1.068753	
0.007684	1.001202	194.700528		
0.16233	10.811376	149.371160	1.068753	
0.007684	0.363989	178.488817		
0.32465	10.811376	149.371160	1.068753	
0.007684	0.320354	178.684875		
0.48698	10.811376	149.371160	1.068753	
0.007684	0.048074	212.538471		
0.64931	10.811376	149.371160	1.068753	
0.007684	1.774820	259.026250		

COMB CAR				MIN
REL DIST	P	M2	M3	V3
0.00000	-15.528089	-81.805789	-1.212472	
0.005792	-1.095999	-26.254846		
0.16233	-15.528089	-81.805789	-1.212472	
0.005792	-0.425391	-58.690063		
0.32465	-15.528089	-81.805789	-1.212472	
0.005792	-0.283097	-95.607659		
0.48698	-15.528089	-81.805789	-1.212472	
0.005792	-0.924221	-141.140468		
0.64931	-15.528089	-81.805789	-1.212472	
0.005792	-1.568141	-227.672169		

COMB DESIGN					MAX
REL DIST	P	M2	M3		V3
0.00000	10.811376	149.371160	1.068753		
0.007684	1.001202	194.700528			
0.16233	10.811376	149.371160	1.068753		

COMB DESIGN					MIN
REL DIST	P	M2	M3		V3
0.00000	-15.528089	-81.805789	-1.212472		
0.005792	-1.095999	-26.254846			
0.16233	-15.528089	-81.805789	-1.212472		
0.005792	-0.425391	-58.690063			
0.32465	-15.528089	-81.805789	-1.212472		
0.005792	-0.283097	-95.607659			
0.48698	-15.528089	-81.805789	-1.212472		
0.005792	-0.924221	-141.140468			
0.64931	-15.528089	-81.805789	-1.212472		
0.005792	-1.568141	-227.672169			

0.007684	0.363989	178.488817	1.068753		
0.32465	10.811376	149.371160	1.068753		
0.007684	0.320354	178.684875			
0.48698	10.811376	149.371160	1.068753		
0.007684	0.048074	212.538471			
0.64931	10.811376	149.371160	1.068753		
0.007684	1.774820	259.026250			

COMB DESIGN					MIN
REL DIST	P	M2	M3		V3
0.00000	-15.528089	-81.805789	-1.212472		
0.005792	-1.095999	-26.254846			
0.16233	-15.528089	-81.805789	-1.212472		
0.005792	-0.425391	-58.690063			
0.32465	-15.528089	-81.805789	-1.212472		
0.005792	-0.283097	-95.607659			
0.48698	-15.528089	-81.805789	-1.212472		
0.005792	-0.924221	-141.140468			
0.64931	-15.528089	-81.805789	-1.212472		
0.005792	-1.568141	-227.672169			
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ELEM	129	=====	LENGTH	
	3.706519			
COMB DB-G1-1				MAX
REL DIST	P	M2	M3	V3
0.35073	2.763376	26.004281	0.336801	
0.001389	0.511273	59.031739		
0.51305	2.763376	26.004281	0.336801	
0.001389	0.308644	43.401699		
0.67537	2.763376	26.004281	0.336801	
0.001389	0.106006	27.796242		
0.63787	2.763376	26.004281	0.336801	
0.001389	0.123941	12.291391		
1.00000	2.763376	26.004281	0.336801	
0.001389	0.385870	1.504290		
COMB DB-G1-1				MIN
REL DIST	P	M2	M3	V3
-3.55073	-4.902004	-26.233756	-0.435218	
-2.46E-05	-0.661497	-61.990313		
0.51305	-4.902004	-26.233756	-0.435218	
2.46E-05	-0.399672	-46.211417		
0.67537	-4.902004	-26.233756	-0.435218	
-2.46E-05	-0.137774	-30.517341		
0.83768	-4.902004	-26.233756	-0.435218	
2.46E-05	-0.096580	-15.692931		
1.00000	-4.902004	-26.233756	-0.435218	
-2.46E-05	-0.299245	-3.985685		
COMB DB-G1-2				MAX
REL DIST	P	M2	M3	V3
0.35073	9.068185	47.601817	0.466456	
0.008417	0.708436	144.513329		
0.51305	9.068185	47.601817	0.466456	
0.008417	0.427787	117.76312		
0.67537	9.068185	47.601817	0.466456	
0.008417	0.147080	109.270509		
0.83768	9.068185	47.601817	0.466456	
0.008417	0.231750	145.492566		
1.00000	9.068185	47.601817	0.466456	
0.008417	0.658382	183.274546		
COMB DB-G1-2				MIN
REL DIST	P	M2	M3	V3
0.00000	-6.753186	-129.892293	-0.709637	
0.006573	-1.043981	-137.247022		
0.16233	-6.753186	-129.892293	-0.709637	
0.006573	-0.630637	-65.417683		
0.32465	-6.753186	-129.892293	-0.709637	
0.006573	-0.222481	-40.043760		
0.48698	-6.753186	-129.892293	-0.709637	
0.006573	-0.148265	-13.672035		
1.00000	-6.753186	-129.892293	-0.709637	
0.006573	-0.414658	-0.003819		
COMB DB-G1-3				MAX
REL DIST	P	M2	M3	V3
0.00000	11.951787	60.736668	0.524917	
0.007087	0.799593	17.694293		
0.16233	11.951787	60.736668	0.524917	
0.007087	0.480758	141.999009		
0.32465	11.951787	60.736668	0.524917	
0.007087	0.164974	122.902191		
0.48698	11.951787	60.736668	0.524917	
0.007087	0.231750	145.492566		
1.00000	11.951787	60.736668	0.524917	
0.007087	0.658382	183.274546		
COMB DB-G1-3				MIN
REL DIST	P	M2	M3	V3
0.00000	-6.753186	-129.892293	-0.709637	
0.006573	-1.043981	-137.247022		
0.16233	-6.753186	-129.892293	-0.709637	
0.006573	-0.630637	-65.417683		
0.32465	-6.753186	-129.892293	-0.709637	
0.006573	-0.222481	-40.043760		
0.48698	-6.753186	-129.892293	-0.709637	
0.006573	-0.148265	-13.672035		
1.00000	-6.753186	-129.892293	-0.709637	
0.006573	-0.414658	-0.003819		

0.008417 0.789428 210.476443 0.865473
0.67537 12.262519 79.336800 0.865473
0.008417 0.276115 91.562877 0.865473
0.83768 12.262519 79.336800 0.865473
0.008417 0.355382 184.566733 0.865473
1.00000 12.262519 79.336800 0.865473
0.008417 1.061292 202.372129 0.865473
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FRAME ELEMENT INTERNAL FORCES

COMB	CAR	P	M2	V2	V3
REL DIST	T	M2	M3		
0.35073	-8.449693	-141.865377		-1.172399	
-0.007784	-1.762706	-186.132417			
0.51305	-8.449693	-141.865377		-1.172399	
-0.007784	-1.064844	-105.380155			
0.67537	-8.449693	-141.865377		-1.172399	
-0.007784	-0.371180	-52.731779			
0.83768	-8.449693	-141.865377		-1.172399	
-0.007784	-0.267785	-27.828231			
1.00000	-8.449693	-141.865377		-1.172399	
-0.007784	-0.777933	-26.229583			

COMB	DESIGN	P	M2	V2	V3
REL DIST	T	M2	M3		
0.35073	12.262519	79.336800		0.865473	
0.51305	12.262519	255.551105		0.865473	
0.008417	0.789428	210.476443		0.865473	
0.67537	12.262519	79.336800		0.865473	
-0.007784	0.276115	91.562877			
0.83768	12.262519	79.336800		0.865473	
0.008417	0.355382	184.566733		0.865473	
1.00000	12.262519	79.336800		0.865473	
0.008417	1.061292	202.372129			

COMB	DESIGN	P	M2	V2	V3
REL DIST	T	M2	M3		
0.35073	-8.449693	-141.865377		-1.172399	
0.007784	-1.762706	-186.132417			
0.51305	-8.449693	-141.865377		-1.172399	
-0.007784	-1.064844	-105.380155			
0.67537	-8.449693	-141.865377		-1.172399	
-0.007784	-0.371180	-52.731779			
0.83768	-8.449693	-141.865377		-1.172399	
-0.007784	-0.267785	-27.828231			
1.00000	-8.449693	-141.865377		-1.172399	
-0.007784	-0.777933	-26.229583			

ELEM 130 ===== LENGTH = 3.706519

COMB	DB-G1-1	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	2.741798	25.566059		0.337406	
0.001412	0.299509	1.520447			
0.16232	2.741798	25.566059		0.337406	
0.001412	0.096520	16.826300			
0.32463	2.741798	25.566059		0.337406	
0.001412	0.137132	34.43884			
0.48695	2.741798	25.566059		0.337406	
0.001412	0.397025	49.118819			
0.64927	2.741798	25.566059		0.337406	
0.001412	0.656872	68.809215			

COMB	DB-G1-1	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	-4.863167	-26.081002		-0.431916	
-1.47E-05	-0.382544	-4.000514			
0.16232	-4.863167	-26.081002		-0.431916	
-1.47E-05	-0.122706	-19.101766			
0.32463	-4.863167	-26.081002		-0.431916	
-1.47E-05	-0.106472	-34.352345			
0.48695	-4.863167	-26.081002		-0.431916	
-1.47E-05	-0.309471	-49.680725			
0.64927	-4.863167	-26.081002		-0.431916	
-1.47E-05	-0.512464	-65.045997			

COMB	DB-G1-2	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	3.759397	136.245948		0.468792	
0.008199	0.614788	183.802300			
0.16232	3.759397	136.245948		0.468792	
0.008199	0.147852	139.006659			
0.32463	3.759397	136.245948		0.468792	
0.008199	0.614788	183.802300			
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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	V2	V3
0.48695	3.759397	136.245948		0.468792
0.008199	0.627992	101.794503		
0.64927	3.759397	136.245948		0.468792
0.008199	1.045020	124.863355		

COMB	DB-G1-2	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	-12.115726	-60.647751		-0.706327	
0.006865	-0.654773	-10.004054			
0.16232	-12.115726	-60.647751		-0.706327	
-0.006865	-0.203247	-13.948063			
0.32463	-12.115726	-60.647751		-0.706327	
-0.006865	-12.117809	-68.115101			
0.48695	-12.115726	-60.647751		-0.706327	
-0.006865	-0.429912	-74.251782			
0.64927	-12.115726	-60.647751		-0.706327	
-0.006865	-0.711957	-149.722374			

COMB	DB-G1-3	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	-12.444807	-68.361351		-0.802025	
-0.006569	-0.734609	-0.010489			
0.16232	-12.444807	-68.361351		-0.802025	
-0.006569	-0.252428	-8.675878			
0.32463	-12.444807	-68.361351		-0.802025	
-0.006569	-0.163697	-49.602581			
0.48695	-12.444807	-68.361351		-0.802025	
-0.006569	-0.475417	-93.924885			
0.64927	-12.444807	-68.361351		-0.802025	
-0.006569	-0.787051	-169.324513			

COMB	DB-G2-1	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	-12.444807	-68.361351		-0.802025	
-0.006569	-0.734609	-0.010489			
0.16232	-12.444807	-68.361351		-0.802025	
-0.006569	-0.252428	-8.675878			
0.32463	-12.444807	-68.361351		-0.802025	
-0.006569	-0.163697	-49.602581			
0.48695	-12.444807	-68.361351		-0.802025	
-0.006569	-0.475417	-93.924885			
0.64927	-12.444807	-68.361351		-0.802025	
-0.006569	-0.787051	-169.324513			

COMB	DB-G2-1	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	-12.444807	-68.361351		-0.802025	
-0.006569	-0.734609	-0.010489			
0.16232	-12.444807	-68.361351		-0.802025	
-0.006569	-0.252428	-8.675878			
0.32463	-12.444807	-68.361351		-0.802025	
-0.006569	-0.163697	-49.602581			
0.48695	-12.444807	-68.361351		-0.802025	
-0.006569	-0.475417	-93.924885			
0.64927	-12.444807	-68.361351		-0.802025	
-0.006569	-0.787051	-169.324513			

REL DIST	P	M2	V2	V3
0.00000	4.545714	27.759131		0.123925
0.02E-05	0.109629	0.931572		
0.16232	4.545714	27.759131		0.123925
0.02E-05	0.034955	0.800797		
0.32463	4.545714	27.759131		0.123925
0.02E-05	0.061788	6.214677		
0.48695	4.545714	27.759131		0.123925
0.02E-05	0.180233	1.245712		
0.64927	4.545714	27.759131		0.123925
0.02E-05	0.298668	28.309000		

COMB	DB-G2-1	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	-2.728111	-18.645841		-0.196867	
-0.001445	-0.175096	-17.147530			
0.16232	-2.728111	-18.645841		-0.196867	
-0.001445	-0.056634	-22.639920			
0.32463	-2.728111	-18.645841		-0.196867	
-0.001445	-0.039454	-38.288987			
0.48695	-2.728111	-18.645841		-0.196867	
-0.001445	-0.114043	-54.871573			
0.64927	-2.728111	-18.645841		-0.196867	
-0.001445	-0.188600	-71.508288			

COMB	DB-G2-2	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	6.642558	124.630644		0.221193	
0.006116	0.195859	162.164705			
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COMB	DB-G2-2	P	M2	V2	V3
REL DIST	T	M2	M3		
0.16232	6.642558	124.630644		0.221193	
0.006116	0.075429	127.952751			
0.32463	6.642558	124.630644		0.221193	
0.006116	0.133665	94.043301			
0.48695	6.642558	124.630644		0.221193	
0.006116	0.368548	100.795638			
0.64927	6.642558	124.630644		0.221193	
0.006116	0.615722	126.178646			

COMB	DB-G2-2	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	-8.885162	-44.302244		-0.423131	
-0.008022	-0.402554	-0.599510			
0.16232	-8.885162	-44.302244		-0.423131	
-0.008022	-0.148405	-19.832800			
0.32463	-8.885162	-44.302244		-0.423131	
-0.008022	-0.071431	-38.891126			
0.48695	-8.885162	-44.302244		-0.423131	
-0.008022	-0.203354	-73.152445			
0.64927	-8.885162	-44.302244		-0.423131	
-0.008022	-0.336435	-142.085877			

COMB	DB-G2-3	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	7.693325	148.066316		0.444639	
0.006756	0.394281	174.834901			
0.16232	7.693325	148.066316		0.444639	
0.006756	0.138571	136.846557			
0.32463	7.693325	148.066316		0.444639	
0.006756	0.222615	113.011663			
0.48695	7.693325	148.066316		0.444639	
0.006756	0.626732	128.109542			
0.64927	7.693325	148.066316		0.444639	
0.006756	1.042249	160.511515			

COMB	DB-G2-3	P	M2	V2	V3
REL DIST	T	M2	M3		
0.00000	-12.380120	-55.970412		-0.702107	
-0.007424	-0.647393	-0.588903			
0.16232	-12.380120	-55.970412		-0.702107	
-0.007424	-0.225345	-17.885981			
0.32463	-12.380120	-55.970412		-0.702107	
-0.007424	-0.140589	-51.212936			
0.48695	-12.380120	-55.970412		-0.702107	
-0.007424	-0.408217	-102.070271			
0.64927	-12.380120	-55.970412		-0.702107	
-0.007424	-0.675734	-185.439032			

COMB DL-G1-1				MAX	
REL	DIST	P	V2		V3
	T	M2	M3		
0.00000		4.123506	22.299515		0.551578
0.001551		0.489120	2.137353		
0.001551		4.123506	22.299515		0.551578
0.001551		0.157318	23.151369		
0.32463		4.123506	22.299515		0.551578
0.001551		0.206550	44.903937		
0.001551		4.123506	22.299515		0.551578
0.001551		0.598546	66.921068		
0.64927		4.123506	22.299515		0.551578
0.001551		0.989373	88.876968		

0.007131	12.120046	70.418848	0.516794	-2.15E-05	-0.448681	-4.916704	-0.006932	-0.589545	-0.788507	0.00000	2.122562	154.884509	0.481329
0.51300	0.782766	198.347354								0.008652	0.429268	185.168806	
0.007131	12.120046	70.418848	0.516794							0.008652	0.149672	154.884509	0.481329
0.67534	12.120046	70.418848	0.516794							0.32462	2.122562	154.884509	0.481329
0.007131	0.160731	133.477906								0.008652	0.219988	86.239412	
0.83767	12.120046	70.418848	0.516794							Program	SAP2000 Nonlinear Version 7.42		
0.007131	0.234214	145.815280								File:상행S11-S1503.OUT			
1.00000	12.120046	70.418848	0.516794										
0.007131	0.675655	174.723002											
COMB DB-G1-3 ----- MIN													
REL DIST	P	M2	V2	V3			REL DIST	P	M2	V2	V3		
0.35067	-9.161687	-144.635843	-0.734788				0.35067	14.444323	70.418848	0.516794			
-0.006917	-1.093110	-181.456895					0.008479	0.782766	209.880825				
0.51300	-9.161687	-144.635843	-0.734788				0.51300	14.444323	70.418848	0.516794			
-0.006917	-0.651384	-99.743314					0.008479	0.471765	169.053959				
0.67534	-9.161687	-144.635843	-0.734788				0.67534	14.444323	70.418848	0.516794			
-0.006917	-0.234393	-49.694296					0.008479	0.160731	145.848480				
Program	SAP2000 Nonlinear Version 7.42						0.83767	14.444323	70.418848	0.516794			
File:상행S11-S1503.OUT							0.008479	0.234214	160.411020				
							0.008479	14.444323	70.418848	0.516794			
							0.008479	0.675655	184.693738				
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FRAME ELEMENT INTERNAL FORCES													
REL DIST	P	M2	V2	V3			REL DIST	P	M2	V2	V3		
0.83767	-9.161687	-144.635843	-0.734788				0.83767	-9.161687	-144.635843	-0.734788			
-0.006917	-0.159246	-12.450746					1.00000	-9.161687	-144.635843	-0.734788			
1.00000	-9.161687	-144.635843	-0.734788				-0.006917	-0.461250	-0.004427				
-0.006917	-0.461250	-0.004427					COMB DB-G1-2 ----- MIN						
REL DIST	P	M2	V2	V3			REL DIST	P	M2	V2	V3		
0.35067	-8.035581	-111.955444	-0.990537				0.35067	-9.291433	-148.356979	-0.734788			
-0.006637	-0.477511	-117.256125					-0.008173	-1.093110	-196.713778				
0.51300	-8.035581	-111.955444	-0.990537				0.51300	-9.291433	-148.356979	-0.734788			
-0.006637	-0.883575	-152.269803					-0.008173	-0.651384	-114.473118				
0.67534	-8.035581	-111.955444	-0.990537				0.67534	-9.291433	-148.356979	-0.734788			
-0.006637	-0.308927	-22.051191					-0.008173	-0.234393	-65.685044				
0.83767	-8.035581	-111.955444	-0.990537				0.83767	-9.291433	-148.356979	-0.734788			
-0.006637	-0.231283	-8.930243					-0.008173	-0.159246	-38.133651				
1.00000	-8.035581	-111.955444	-0.990537				1.00000	-9.291433	-148.356979	-0.734788			
-0.006637	-0.646979	-0.002269					-0.008173	-0.461250	-17.007922				
COMB DL-G1-3 ----- MAX													
REL DIST	P	M2	V2	V3			REL DIST	P	M2	V2	V3		
0.35067	10.725004	70.482740	0.765210				0.35067	12.464877	72.981205	0.765210			
0.006597	1.156858	226.109423					0.007933	1.156858	244.289618				
0.51300	10.725004	70.482740	0.765210				0.51300	12.464877	72.981205	0.765210			
0.006597	0.694493	186.265857					0.007933	0.694593	203.351365				
0.67534	10.725004	70.482740	0.765210				0.67534	12.464877	72.981205	0.765210			
0.006597	0.234925	162.523589					0.007933	0.234925	178.123035				
0.83767	10.725004	70.482740	0.765210				0.83767	12.464877	72.981205	0.765210			
0.006597	0.694493	169.858534					0.007933	0.330585	183.675195				
1.00000	10.725004	70.482740	0.765210				1.00000	12.464877	72.981205	0.765210			
0.006597	0.991177	197.293073					0.007933	0.991177	201.351365				
Program	SAP2000 Nonlinear Version 7.42						File:상행S11-S1503.OUT						
File:상행S11-S1503.OUT							COMB DB-G1-2 ----- MIN						
							REL DIST	P	M2	V2	V3		
< MOVING Page LOAD 846 >							0.35067	-8.103870	-135.097829	-1.088508			
FRAME ELEMENT INTERNAL FORCES													
REL DIST	P	M2	V2	V3			0.35067	-8.103870	-135.097829	-1.088508			
0.35067	-8.103870	-135.097829	-1.088508				0.008479	-1.631940	-187.706270				
-0.006409	-1.631940	-176.837862					0.51300	-8.103870	-135.097829	-1.088508			
0.51300	-8.103870	-135.097829	-1.088508				0.008479	-0.378593	-135.097829				
-0.006409	-0.978583	-97.777440					0.67534	-8.103870	-135.097829	-1.088508			
0.67534	-8.103870	-135.097829	-1.088508				-0.006409	-0.340785	-62.023006				
-0.006409	-0.340785	-47.401492					0.83767	-8.103870	-135.097829	-1.088508			
0.83767	-8.103870	-135.097829	-1.088508				-0.006409	-0.240475	-41.368505				
-0.006409	-0.240475	-12.048939					1.00000	-8.103870	-135.097829	-1.088508			
1.00000	-8.103870	-135.097829	-1.088508				-0.006409	-0.686342	-0.004024				
-0.006409	-0.686342	-0.004024					COMB DL-G2-1 ----- MAX						
REL DIST	P	M2	V2	V3			REL DIST	P	M2	V2	V3		
0.35067	5.843300	21.362899	0.172963				0.35067	5.843300	21.362899	0.172963			
0.006409	0.260444	44.959571					0.51300	5.843300	21.362899	0.172963			
0.51300	5.843300	21.362899	0.172963				0.006409	0.105910	32.755282				
0.006409	0.105910	32.755282					0.67534	5.843300	21.362899	0.172963			
0.67534	5.843300	21.362899	0.172963				0.83767	5.843300	21.362899	0.172963			
0.83767	5.843300	21.362899	0.172963				1.00000	5.843300	21.362899	0.172963			
1.00000	5.843300	21.362899	0.172963				-0.006409	0.052014	20.012333				
-0.006409	0.052014	20.012333					0.83767	5.843300	21.362899	0.172963			
1.00000	5.843300	21.362899	0.172963				1.00000	5.843300	21.362899	0.172963			
1.00000	5.843300	21.362899	0.172963				-0.006409	0.259267	1.332667				
-0.006409	0.259267	1.332667					COMB DL-G2-2 ----- MIN						
REL DIST	P	M2	V2	V3			REL DIST	P	M2	V2	V3		
0.35067	-1.216926	-33.955585	-0.291625				0.35067	-1.216926	-33.955585	-0.291625			
-0.001314	-0.442162	-100.871223					0.51300	-1.216926	-33.955585	-0.291625			
0.51300	-1.216926	-33.955585	-0.291625				-0.001314	-0.266833	-80.653501				
-0.001314	-0.266833	-80.653501					0.67534	-1.216926	-33.955585	-0.291625			
0.67534	-1.216926	-33.955585	-0.291625				-0.001314	-0.091078	-60.755994				
0.83767	-1.216926	-33.955585	-0.291625				0.83767	-1.216926	-33.955585	-0.291625			
-0.001314	-0.091078	-60.755994					-0.001314	-0.260514	-41.368505				
0.83767	-1.216926	-33.955585	-0.291625				1.00000	-1.216926	-33.955585	-0.291625			
-0.001314	-0.260514	-41.368505					-0.001314	-0.154352	-25.863658				
1.00000	-1.216926	-33.955585	-0.291625				COMB DL-G2-3 ----- MAX						
-0.001314	-0.154352	-25.863658					REL DIST	P	M2	V2	V3		
COMB DL-G2-1 ----- MAX													
REL DIST	P	M2	V2	V3			REL DIST	P	M2	V2	V3		
0.35067	12.464877	34.562713	0.325092				0.35067	12.464877	34.562713	0.325092			
0.006409	0.242481	44.959571					0.51300	12.464877	34.562713	0.325092			
0.51300	12.464877	34.562713	0.325092				0.006409	0.293516	50.458261				
0.006409	0.293516	50.458261					0.67534	12.464877	34.562713	0.325092			
0.67534	12.464877	34.562713	0.325092				0.83767	12.464877	34.562713	0.325092			
0.83767	12.464877	34.562713	0.325092				1.00000	12.4.					

-0.007489 -0.686632 -182.726872
COMB DL-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 1.267835 39.343000 0.512091
0.001366 0.455901 2.053393
0.16231 1.267835 39.343000 0.512091
0.001366 0.148263 13.622776
0.32462 1.267835 39.343000 0.512091
0.001366 0.196068 25.743857
0.48693 1.267835 39.343000 0.512091
0.001366 0.574731 37.954430
0.64924 1.267835 39.343000 0.512091
0.001366 0.952261 50.178092
COMB DL-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.606794 -20.384765 -0.627786
-1.16E-05 -0.558488 -4.937025
0.16231 -0.606794 -20.384765 -0.627786
-1.16E-05 -0.179871 -27.965716 -0.627786
0.32462 -0.606794 -20.384765 -0.627786
-1.16E-05 -0.58154 -45.46807 -0.627786
0.48693 -0.606794 -20.384765 -0.627786
-1.16E-05 -0.465891 -75.046391 -0.627786
0.64924 -0.606794 -20.384765 -0.627786
-1.16E-05 -0.774807 -98.670631 -0.627786
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 2.202235 139.833994 0.730483
0.008212 0.655855 201.402764 0.730483
0.16231 2.202235 139.833994 0.730483
0.008212 0.234500 157.024784 0.730483
0.32462 2.202235 139.833994 0.730483
0.008212 0.308045 120.044529 0.730483
0.48693 2.202235 139.833994 0.730483
0.008212 0.879451 118.843847 0.730483
0.64924 2.202235 139.833994 0.730483
0.008212 1.470348 136.990514 0.730483
COMB DL-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -12.637166 -34.866250 -0.985580
0.008212 -12.637166 -34.866250 -0.985580
0.16231 -12.637166 -34.866250 -0.985580
0.008212 -0.905386 -0.001924 -0.985580
-0.006543 -0.312553 -22.132873 -0.985580
0.32462 -12.637166 -34.866250 -0.985580
-0.006543 -0.224893 -52.702804 -0.985580
0.48693 -12.637166 -34.866250 -0.985580
-0.006543 -0.663775 -99.583326 -0.985580
0.64924 -12.637166 -34.866250 -0.985580
-0.006543 -1.104687 -184.6126937 -0.985580
COMB DL-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 6.999136 133.051420 0.772519
0.006852 0.691817 197.319288 0.772519
0.16231 6.999136 133.051420 0.772519
0.006852 0.242389 182.477806 0.772519
0.32462 6.999136 133.051420 0.772519
0.006852 0.343950 177.966005 0.772519
0.48693 6.999136 133.051420 0.772519
0.006852 0.988614 203.014564 0.772519
0.64924 6.999136 133.051420 0.772519
0.006852 1.649200 243.959338 0.772519
COMB DL-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -11.862037 -72.683095 -1.100690
-0.006105 -1.002148 -25.874425 -1.100690
0.16231 -11.862037 -72.683095 -1.100690
-0.008105 -0.339992 -27.965716 -1.100690
0.32462 -11.862037 -72.683095 -1.100690
0.006105 -0.237154 -58.068309 -1.100690
0.48693 -11.862037 -72.683095 -1.100690
-0.006105 -0.700913 -107.070867 -1.100690
0.64924 -11.862037 -72.683095 -1.100690
-0.006105 -1.167478 -184.614681 -1.100690
COMB DL-G2-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 5.872125 21.340769 0.168657
1.76E-05 0.150175 1.332319 0.168657
0.16231 5.872125 21.340769 0.168657
1.76E-05 0.049070 1.515268 0.168657
0.32462 5.872125 21.340769 0.168657
1.76E-05 0.093534 24.015138 0.168657
0.48693 5.872125 21.340769 0.168657
1.76E-05 0.271000 44.048666 0.168657
0.64924 5.872125 21.340769 0.168657
1.76E-05 0.457347 64.280389 0.168657
COMB DL-G2-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -1.222843 -34.104442 -0.302294
-0.001372 -0.269517 -25.874425 -0.302294
0.16231 -1.222843 -34.104442 -0.302294
-0.001372 -0.087396 -12.768121 -0.302294
0.32462 -1.222843 -34.104442 -0.302294
-0.001372 -0.050823 -34.060698 -0.302294
0.48693 -1.222843 -34.104442 -0.302294
-0.001372 -0.151000 -44.468119 -0.302294
0.64924 -1.222843 -34.104442 -0.302294
-0.001372 -0.254160 -59.091216 -0.302294
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 8.252793 105.897576 0.321375
0.006139 0.291126 172.676358 0.321375
0.16231 8.252793 105.897576 0.321375
0.006139 0.111390 105.897576 0.321375
0.32462 8.252793 105.897576 0.321375
0.006139 0.182591 140.987305 0.321375
0.48693 8.252793 105.897576 0.321375
0.006139 0.510613 192.527566 0.321375
0.64924 8.252793 105.897576 0.321375
0.006139 0.864978 193.244040 0.321375
COMB DL-G2-2 ----- MIN
REL DIST P M2 M3 V3
0.00000 -6.368245 -62.452719 -0.586126
-0.007547 -0.548474 -86.669224 -0.586126
0.16231 -6.368245 -62.452719 -0.586126
-0.007547 -0.196512 -15.271451 -0.586126
0.32462 -6.368245 -62.452719 -0.586126
-0.007547 -0.097312 -29.872620 -0.586126
0.48693 -6.368245 -62.452719 -0.586126
-0.007547 -0.290163 -59.298904 -0.586126
0.64924 -6.368245 -62.452719 -0.586126

-0.007547 -0.484623 -120.825058
COMB DL-G2-3 ----- MAX
REL DIST P M2 M3 V3
0.00000 8.258030 137.042124 0.658296
0.006565 0.590397 144.490777 0.658296
0.16231 8.258030 137.042124 0.658296
0.006565 0.209623 166.890443 0.658296
0.32462 8.258030 137.042124 0.658296
0.006565 0.308931 156.648647 0.658296
0.48693 8.258030 137.042124 0.658296
0.006565 0.898672 178.314886 0.658296
0.64924 8.258030 137.042124 0.658296
0.006565 1.480488 216.719541 0.658296
COMB DL-G2-3 ----- MIN
REL DIST P M2 M3 V3
0.00000 -10.592401 -68.559367 -0.990260
-0.006830 -0.904998 -9.767086 -0.990260
0.16231 -10.592401 -68.559367 -0.990260
-0.006830 -0.309124 -15.507904 -0.990260
0.32462 -10.592401 -68.559367 -0.990260
-0.006830 -0.201444 -50.435074 -0.990260
0.48693 -10.592401 -68.559367 -0.990260
-0.006830 -0.596769 -100.785983 -0.990260
0.64924 -10.592401 -68.559367 -0.990260
-0.006830 -0.394448 -180.729391 -0.990260
COMB DB ----- MAX
REL DIST P M2 M3 V3
0.00000 9.550756 154.884509 0.521332
0.008652 0.465345 155.968736 0.521332
0.16231 9.550756 154.884509 0.521332
0.008652 0.159961 158.665810 0.521332
0.32462 9.550756 154.884509 0.521332
0.008652 0.239065 147.114540 0.521332
0.48693 9.550756 154.884509 0.521332
0.008652 0.669646 171.306175 0.521332
0.64924 9.550756 154.884509 0.521332
0.008652 1.124989 212.660656 0.521332
COMB DB ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.598796 -71.208201 -0.757540
-0.008087 -0.697849 -17.030977 -0.757540
0.16231 -14.598796 -71.208201 -0.757540
-0.008087 -0.243006 -29.283475 -0.757540
0.32462 -14.598796 -71.208201 -0.757540
0.008087 -0.161848 -62.243540 -0.757540
0.48693 -14.598796 -71.208201 -0.757540
-0.008087 -0.475495 -111.651045 -0.757540
0.64924 -14.598796 -71.208201 -0.757540
-0.008087 -0.789109 -193.228115 -0.757540
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FRAME ELEMENT INTERNAL FORCES
COMB DL ----- MAX
REL DIST P M2 M3 V3
0.00000 8.258030 139.833994 0.772519
0.008212 0.691817 201.402764 0.772519
0.16231 8.258030 139.833994 0.772519
0.008212 0.242389 182.477806 0.772519
0.32462 8.258030 139.833994 0.772519
0.008212 0.343950 177.966005 0.772519
0.48693 8.258030 139.833994 0.772519
0.008212 0.988614 203.014564 0.772519
0.64924 8.258030 139.833994 0.772519
0.008212 1.649200 243.959338 0.772519
COMB DL ----- MIN
REL DIST P M2 M3 V3
0.00000 -12.637166 -72.683095 -1.100690
-0.007547 -1.002148 -25.874425 -1.100690
0.16231 -12.637166 -72.683095 -1.100690
-0.007547 -0.339992 -27.965716 -1.100690
0.32462 -12.637166 -72.683095 -1.100690
0.007547 -0.237154 -58.068309 -1.100690
0.48693 -12.637166 -72.683095 -1.100690
-0.007547 -0.700913 -107.070867 -1.100690
0.64924 -12.637166 -72.683095 -1.100690
-0.007547 -1.167478 -184.614681 -1.100690
COMB CAR ----- MAX
REL DIST P M2 M3 V3
0.00000 9.550756 154.884509 0.772519
0.008652 0.691817 201.402764 0.772519
0.16231 9.550756 154.884509 0.772519
0.008652 0.242389 182.477806 0.772519
0.32462 9.550756 154.884509 0.772519
0.008652 0.343950 177.966005 0.772519
0.48693 9.550756 154.884509 0.772519
0.008652 0.988614 203.014564 0.772519
0.64924 9.550756 154.884509 0.772519
0.008652 1.649200 243.959338 0.772519
COMB CAR ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.598796 -72.683095 -1.100690
-0.008087 -1.002148 -25.874425 -1.100690
0.16231 -14.598796 -72.683095 -1.100690
-0.008087 -0.339992 -27.965716 -1.100690
0.32462 -14.598796 -72.683095 -1.100690
0.008087 -0.237154 -58.068309 -1.100690
0.48693 -14.598796 -72.683095 -1.100690
-0.008087 -0.700913 -107.070867 -1.100690
0.64924 -14.598796 -72.683095 -1.100690
-0.008087 -1.167478 -193.228115 -1.100690
COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 9.550756 154.884509 0.772519
0.008652 0.691817 201.402764 0.772519
0.16231 9.550756 154.884509 0.772519
0.008652 0.242389 182.477806 0.772519
0.32462 9.550756 154.884509 0.772519
0.008652 0.343950 177.966005 0.772519
0.48693 9.550756 154.884509 0.772519
0.008652 0.988614 203.014564 0.772519
0.64924 9.550756 154.884509 0.772519
0.008652 1.649200 243.959338 0.772519
COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.598796 -72.683095 -1.100690
-0.008087 -1.002148 -25.874425 -1.100690
0.16231 -14.598796 -72.683095 -1.100690
-0.008087 -0.339992 -27.965716 -1.100690
0.32462 -14.598796 -72.683095 -1.100690
0.008087 -0.237154 -58.068309 -1.100690
0.48693 -14.598796 -72.683095 -1.100690
-0.008087 -0.700913 -107.070867 -1.100690
0.64924 -14.598796 -72.683095 -1.100690
-0.008087 -1.167478 -193.228115 -1.100690
COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 9.550756 154.884509 0.772519
0.008652 0.691817 201.402764 0.772519
0.16231 9.550756 154.884509 0.772519
0.008652 0.242389 182.477806 0.772519
0.32462 9.550756 154.884509 0.772519
0.008652 0.343950 177.966005 0.772519
0.48693 9.550756 154.884509 0.772519
0.008652 0.988614 203.014564 0.772519
0.64924 9.550756 154.884509 0.772519
0.008652 1.649200 243.959338 0.772519
COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.598796 -72.683095 -1.100690
-0.008087 -1.002148 -25.874425 -1.100690
0.16231 -14.598796 -72.683095 -1.100690
-0.008087 -0.339992 -27.965716 -1.100690
0.32462 -14.598796 -72.683095 -1.100690
0.008087 -0.237154 -58.068309 -1.100690
0.48693 -14.598796 -72.683095 -1.100690
-0.008087 -0.700913 -107.070867 -1.100690
0.64924 -14.598796 -72.683095 -1.100690
-0.008087 -1.167478 -193.228115 -1.100690
COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 9.550756 154.884509 0.772519
0.008652 0.691817 201.402764 0.772519
0.16231 9.550756 154.884509 0.772519
0.008652 0.242389 182.477806 0.772519
0.32462 9.550756 154.884509 0.772519
0.008652 0.343950 177.966005 0.772519
0.48693 9.550756 154.884509 0.772519
0.008652 0.988614 203.014564 0.772519
0.64924 9.550756 154.884509 0.772519
0.008652 1.649200 243.959338 0.772519
COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.598796 -72.683095 -1.100690
-0.008087 -1.002148 -25.874425 -1.100690
0.16231 -14.598796 -72.683095 -1.100690
-0.008087 -0.339992 -27.965716 -1.100690
0.32462 -14.598796 -72.683095 -1.100690
0.008087 -0.237154 -58.068309 -1.100690
0.48693 -14.598796 -72.683095 -1.100690
-0.008087 -0.700913 -107.070867 -1.100690
0.64924 -14.598796 -72.683095 -1.100690
-0.008087 -1.167478 -193.228115 -1.100690
COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 9.550756 154.884509 0.772519
0.008652 0.691817 201.402764 0.772519
0.16231 9.550756 154.884509 0.772519
0.008652 0.242389 182.477806 0.772519
0.32462 9.550756 154.884509 0.772519
0.008652 0.343950 177.966005 0.772519
0.48693 9.550756 154.884509 0.772519
0.008652 0.988614 203.014564 0.772519
0.64924 9.550756 154.884509 0.772519
0.008652 1.649200 243.959338 0.772519
COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.598796 -72.683095 -1.100690
-0.008087 -1.002148 -25.874425 -1.100690
0.16231 -14.598796 -72.683095 -1.100690
-0.008087 -0.339992 -27.965716 -1.100690
0.32462 -14.598796 -72.683095 -1.100690
0.008087 -0.237154 -58.068309 -1.100690
0.48693 -14.598796 -72.683095 -1.100690
-0.008087 -0.700913 -107.070867 -1.100690
0.64924 -14.598796 -72.683095 -1.100690
-0.008087 -1.167478 -193.228115 -1.100690
COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 9.550756 154.884509 0.772519
0.008652 0.691817 201.402764 0.772519
0.16231 9.550756 154.884509 0.772519
0.008652 0.242389 182.477806 0.772519
0.32462 9.550756 154.884509 0.772519
0.008652 0.343950 177.966005 0.772519
0.48693 9.550756 154.884509 0.772519
0.008652 0.988614 203.014564 0.772519
0.64924 9.550756 154.884509 0.772519
0.008652 1.649200 243.959338 0.772519
COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.598796 -72.683095 -1.100690
-0.008087 -1.002148 -25.874425 -1.100690
0.16231 -14.598796 -72.683095 -1.100690
-0.008087 -0.339992 -27.965716 -1.100690
0.32462 -14.598796 -72.683095 -1.100690
0.008087 -0.237154 -58.068309 -1.100690
0.48693 -14.598796 -72.683095 -1.100690
-0.008087 -0.700913 -107.070867 -1.100690
0.64924 -14.598796 -72.683095 -1.100690
-0.008087 -1.167478 -193.228115 -1.100690
COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 9.550756 154.884509 0.772519
0.008652 0.691817 201.402764 0.772519
0.16231 9.550756 154.884509 0.772519
0.008652 0.242389 182.477806 0.772519
0.32462 9.550756 154.884509 0.772519
0.008652 0.343950 177.966005 0.772519
0.48693 9.550756 154.884509 0.772519
0.008652 0.988614 203.014564 0.772519
0.64924 9.550756 154.884509 0.772519
0.008652 1.649200 243.959338 0.772519
COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -14.598796 -72.683095 -1.100690
-0.008087 -1.002148 -25.874425 -1.100690
0.16231 -14.598796 -72.683095 -1.100690
-0.008087 -0.339992 -27.965716 -1.100690
0.32462 -14.598796 -72.683095 -1.100690
0.008087 -0.237154 -58.068309 -1.100690
0.48693 -14.598796 -72.683095 -1.100690
-0.008087 -0.700913 -107.070867 -1.100690
0.64924 -14.598796 -72.683095 -1.100690
-0.008087 -1.167478 -193.228115 -1.100690
COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.000

-0.000912	-0.133903	-25.683971	
COMB DL-G2-2	MAX		
REL DIST	P	M2	M3
0.35069	14.180842	21.865918	0.263344
0.006107	0.395644	94.450793	
0.51302	14.180842	21.865918	0.263344
0.006107	0.236991	83.801587	
0.67534	14.180842	21.865918	0.263344
0.006107	0.080125	91.072271	
0.83767	14.180842	21.865918	0.263344
0.006107	0.163467	131.525098	
1.00000	14.180842	21.865918	0.263344
0.006107	0.445592	173.625452	
COMB DL-G2-2	MIN		
REL DIST	P	M2	M3
0.35069	-1.353209	-149.862634	-0.469287
0.007283	-0.689575	-224.301664	
0.51302	-1.353209	-149.862634	-0.469287
-0.007283	-0.405352	-136.396131	
0.67534	-1.353209	-149.862634	-0.469287
-0.007283	-0.042869	-80.828091	
0.83767	-1.353209	-149.862634	-0.469287
-0.007283	-0.100101	-39.863685	
1.00000	-1.353209	-149.862634	-0.469287
-0.007283	-0.248015	-0.561919	
COMB DL-G2-3	MAX		
REL DIST	P	M2	M3
0.35069	13.228737	70.035214	0.561404
0.006096	0.170022	22.561355	
0.51302	13.228737	70.035214	0.561404
0.006096	0.508268	200.197297	
0.67534	13.228737	70.035214	0.561404
0.006096	0.170022	177.181883	
0.83767	13.228737	70.035214	0.561404
0.006096	0.261348	184.597354	
1.00000	13.228737	70.035214	0.561404
0.006096	0.759570	195.110536	
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L F O R C E S			
COMB DL-G2-3	MIN		
REL DIST	P	M2	M3
0.35069	-7.022959	-141.540779	-0.820467
0.006096	-1.221673	-211.029340	
0.51302	-7.022959	-141.540779	-0.820467
-0.006096	-0.729056	-128.146768	
0.67534	-7.022959	-141.540779	-0.820467
-0.006096	-0.046820	-74.818174	
0.83767	-7.022959	-141.540779	-0.820467
-0.006096	-0.183536	-35.846308	
1.00000	-7.022959	-141.540779	-0.820467
-0.006096	-0.511548	-0.500418	
COMB DB	MAX		
REL DIST	P	M2	M3
0.35069	15.604932	77.887553	0.514973
0.008221	0.780102	215.225731	
0.51302	15.604932	77.887553	0.514973
0.008221	0.470225	170.093023	
0.67534	15.604932	77.887553	0.514973
0.008221	0.181899	145.731732	
0.83767	15.604932	77.887553	0.514973
0.008221	0.216591	164.376745	
1.00000	15.604932	77.887553	0.514973
0.008221	0.612644	184.788758	
COMB DB	MIN		
REL DIST	P	M2	M3
0.35069	-10.417396	-161.385134	-0.658409
-0.007887	-0.973930	-227.455258	
0.51302	-10.417396	-161.385134	-0.658409
-0.007887	-0.577939	-136.532358	
0.67534	-10.417396	-161.385134	-0.658409
-0.007887	-0.207804	-88.368077	
0.83767	-10.417396	-161.385134	-0.658409
-0.007887	-0.161892	-44.921872	
1.00000	-10.417396	-161.385134	-0.658409
-0.007887	-0.459359	-17.148590	
COMB DL	MAX		
REL DIST	P	M2	M3
0.35069	14.180842	77.792670	0.665294
0.007617	1.004211	243.949722	
0.51302	14.180842	77.792670	0.665294
0.007617	0.602769	200.197297	
0.67534	14.180842	77.792670	0.665294
0.007617	0.204164	177.181883	
0.83767	14.180842	77.792670	0.665294
0.007617	0.280796	187.271823	
1.00000	14.180842	77.792670	0.665294
0.007617	0.835605	201.527288	
COMB DL	MIN		
REL DIST	P	M2	M3
0.35069	-9.656397	-149.862634	-0.910900
-0.007283	-1.359626	-224.301664	
0.51302	-9.656397	-149.862634	-0.910900
-0.007283	-0.812281	-136.396131	
0.67534	-9.656397	-149.862634	-0.910900
-0.007283	-0.284760	-80.828091	
0.83767	-9.656397	-149.862634	-0.910900
-0.007283	-0.212697	-39.863685	
1.00000	-9.656397	-149.862634	-0.910900
-0.007283	-0.603705	-25.683971	
COMB CAR	MAX		
REL DIST	P	M2	M3
0.35069	15.604932	77.887553	0.665294
0.008221	1.004211	243.949722	
0.51302	15.604932	77.887553	0.665294
0.008221	0.602769	200.197297	
0.67534	15.604932	77.887553	0.665294
0.008221	0.204164	177.181883	
0.83767	15.604932	77.887553	0.665294
0.008221	0.286996	187.271823	
1.00000	15.604932	77.887553	0.665294
0.008221	0.835605	201.527288	
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COMB CAR	MIN		
REL DIST	P	M2	M3
0.35069	-10.417396	-161.385134	-0.910900
-0.007887	-1.359626	-227.455258	
0.51302	-10.417396	-161.385134	-0.910900
-0.007887	-0.812281	-136.532358	
0.67534	-10.417396	-161.385134	-0.910900
-0.007887	-0.284760	-80.828091	
0.83767	-10.417396	-161.385134	-0.910900
-0.007887	-0.212697	-39.863685	
1.00000	-10.417396	-161.385134	-0.910900

-0.007887	-0.603705	-25.683971	
COMB DESIGN	MAX		
REL DIST	P	M2	M3
0.35069	15.604932	77.887553	0.665294
0.008221	1.004211	243.949722	
0.51302	15.604932	77.887553	0.665294
0.008221	0.602769	200.197297	
0.67534	15.604932	77.887553	0.665294
0.008221	0.204164	177.181883	
0.83767	15.604932	77.887553	0.665294
0.008221	0.286996	187.271823	
1.00000	15.604932	77.887553	0.665294
0.008221	0.835605	201.527288	
COMB DESIGN	MIN		
REL DIST	P	M2	M3
0.35069	-10.417396	-161.385134	-0.910900
-0.007887	-1.359626	-227.455258	
0.51302	-10.417396	-161.385134	-0.910900
-0.007887	-0.812281	-136.532358	
0.67534	-10.417396	-161.385134	-0.910900
-0.007887	-0.284760	-80.828091	
0.83767	-10.417396	-161.385134	-0.910900
-0.007887	-0.212697	-39.863685	
1.00000	-10.417396	-161.385134	-0.910900
-0.007887	-0.603705	-25.683971	
ELEM	134	=====	LENGTH
	3.706996		
COMB DB-G1-1	MAX		
REL DIST	P	M2	M3
0.00000	0.836911	51.648728	0.338711
0.001059	0.301993	1.484447	
0.007045	0.836911	51.648728	0.338711
0.001059	0.098178	6.550641	
0.32466	0.836911	51.648728	0.338711
0.001059	0.122710	11.822563	
0.001059	0.357224	17.136010	
0.64931	0.836911	51.648728	0.338711
0.001059	0.591762	22.467158	
COMB DB-G1-1	MIN		
REL DIST	P	M2	M3
0.00000	-0.804612	-8.871951	-0.389803
-1.23E-05	-0.346553	-5.048494	
0.16233	-0.804612	-8.871951	-0.389803
-0.007045	-0.113050	-35.990206	
0.32466	-0.804612	-8.871951	-0.389803
-1.23E-05	-0.105637	-66.976088	
0.48698	-0.804612	-8.871951	-0.389803
-1.23E-05	-0.309464	-9.975044	
0.64931	-0.804612	-8.871951	-0.389803
-1.23E-05	-0.513283	-129.032608	
COMB DB-G1-2	MAX		
REL DIST	P	M2	M3
0.00000	1.765194	166.114699	0.470761
0.008370	0.419672	185.259076	
0.16233	1.765194	166.114699	0.470761
0.008370	0.150365	128.425537	
0.32466	1.765194	166.114699	0.470761
0.008370	0.194583	76.568986	
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REL DIST	P	M2	M3
0.48698	1.765194	166.114699	0.470761
0.008370	0.520664	67.101522	
0.64931	1.765194	166.114699	0.470761
0.008370	0.893897	78.867986	
COMB DB-G1-2	MIN		
REL DIST	P	M2	M3
0.00000	-15.665362	-22.452496	-0.607415
-0.007088	-0.570559	-0.002932	
0.16233	-15.665362	-22.452496	-0.607415
-0.007088	-0.205222	-32.721260	
0.32466	-15.665362	-22.452496	-0.607415
-0.007088	-0.146807	-72.681811	
0.48698	-15.665362	-22.452496	-0.607415
-0.007088	-0.430093	-127.496075	
0.64931	-15.665362	-22.452496	-0.607415
-0.007088	-0.713366	-220.441368	
COMB DB-G1-3	MAX		
REL DIST	P	M2	M3
0.00000	8.147510	148.884783	0.520041
0.007045	0.404175	75.112366	
0.16233	8.147510	148.884783	0.520041
0.007045	0.162786	158.979908	
0.32466	8.147510	148.884783	0.520041
0.007045	0.206564	147.742925	
0.48698	8.147510	148.884783	0.520041
0.007045	0.571389	171.792068	
0.64931	8.147510	148.884783	0.520041
0.007045	0.962053	213.444975	
COMB DB-G1-3	MIN		
REL DIST	P	M2	M3
0.00000	-14.300927	-71.618193	-0.649600
-0.006513	-0.603531	-0.002314	
0.16233	-14.300927	-71.618193	-0.649600
-0.006513	-0.212778	-30.142737	
0.32466	-14.300927	-71.618193	-0.649600
-0.006513	-0.161560	-69.579396	
0.48698	-14.300927	-71.618193	-0.649600
-0.006513	-0.474557	-121.620474	
0.64931	-14.300927	-71.618193	-0.649600
-0.006513	-0.787482	-205.341560	
COMB DB-G2-1	MAX		
REL DIST	P	M2	M3
0.00000	7.887980	9.098274	0.126025
0.000137	0.112985	0.931360	
0.16233	7.887980	9.098274	0.126025
0.000137	0.037160	11.663107	
0.32466	7.887980	9.098274	0.126025
0.000137	0.064281	39.687036	
0.48698	7.887980	9.098274	0.126025
0.000137	0.189433	67.921792	
0.64931	7.887980	9.098274	0.126025
0.000137	0.314584	96.180571	
COMB DB-G2-1	MIN		
REL DIST	P	M2	M3
0.00000	-0.780475	-46.976931	-0.207978
-0.001110	-0.186020	-17.183354	
0.16233	-0.780475	-46.976931	-0.

-0.007209 -1.013634 -215.001129

COMB	CAR	P	M2	M3	V3
REL DIST					
0.00000	10.759547	166.114699			0.671533
0.008370	0.605655	201.559233			
0.16233	10.759547	166.114699			0.671533
0.008370	0.215032	188.882813			
0.32466	10.759547	166.114699			0.671533
0.008370	0.285551	179.453456			
0.48698	10.759547	166.114699			0.671533
0.008370	0.813920	204.313810			
0.64931	10.759547	166.114699			0.671533
0.008370	1.362108	245.213265			

COMB	CAR	P	M2	M3	V3
REL DIST					
0.00000	-15.665362	-79.283343			-0.912197
0.007826	-0.836316	-25.708518			
0.16233	-15.665362	-79.283343			-0.912197
0.007826	-0.286639	-36.823674			
0.32466	-15.665362	-79.283343			-0.912197
0.007826	-0.205821	-72.881811			
0.48698	-15.665362	-79.283343			-0.912197
0.007826	-0.607948	-127.496075			
0.64931	-15.665362	-79.283343			-0.912197
0.007826	-1.013634	-220.441368			

COMB	DESIGN	P	M2	M3	V3
REL DIST					
0.00000	10.759547	166.114699			0.671533
0.008370	0.605655	201.559233			
0.16233	10.759547	166.114699			0.671533
0.008370	0.215032	188.882813			
0.32466	10.759547	166.114699			0.671533
0.008370	0.285551	179.453456			
0.48698	10.759547	166.114699			0.671533
0.008370	0.813920	204.313810			
0.64931	10.759547	166.114699			0.671533
0.008370	1.362108	245.213265			

COMB	DESIGN	P	M2	M3	V3
REL DIST					
0.00000	-15.665362	-79.283343			-0.912197
0.007826	-0.836316	-25.708518			
0.16233	-15.665362	-79.283343			-0.912197
0.007826	-0.286639	-36.823674			
0.32466	-15.665362	-79.283343			-0.912197
0.007826	-0.205821	-72.881811			
0.48698	-15.665362	-79.283343			-0.912197
0.007826	-0.607948	-127.496075			
0.64931	-15.665362	-79.283343			-0.912197
0.007826	-1.013634	-220.441368			

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FRAME ELEMENT INTERNAL FORCES

ELEM	135	LENGTH
3.705909		
COMB	DB-G1-1	MAX
REL DIST		
0.35079	0.595057	56.223632
0.000711	0.484051	130.454989
0.51309	0.595057	56.223632
0.000711	0.291802	96.546224
0.67540	0.595057	56.223632
0.000711	0.099540	62.890005
0.83770	0.595057	56.223632
0.000711	0.099603	52.250664
1.00000	0.595057	56.223632
0.000711	0.305624	1.368158

COMB	DB-G1-1	MIN
REL DIST		
0.35079	-8.257978	-4.556365
-0.000419	-0.518465	-9.827035
0.51309	-8.257978	-4.556365
-0.000419	-0.312444	-7.097857
0.67540	-8.257978	-4.556365
-0.000419	-0.106445	-4.399401
0.83770	-8.257978	-4.556365
-0.000419	-0.024708	-4.556365
1.00000	-8.257978	-4.556365
-0.000419	-0.284949	-5.092500

COMB	DB-G1-2	MAX
REL DIST		
0.35079	6.790360	82.186080
0.007883	0.660411	225.394910
0.51309	6.790360	82.186080
0.007883	0.396243	177.714313
0.67540	6.790360	82.186080
0.007883	0.136073	151.556233
0.83770	6.790360	82.186080
0.007883	0.174840	167.305455
1.00000	6.790360	82.186080
0.007883	0.472076	185.150478

COMB	DB-G1-2	MIN
REL DIST		
0.35079	-10.523725	-106.664012
-0.007563	-0.718384	-60.581754
0.51309	-10.523725	-106.664012
-0.007563	-0.421997	-23.168892
0.67540	-10.523725	-106.664012
-0.007563	-0.156999	-0.082310
0.83770	-10.523725	-106.664012
-0.007563	-0.149939	-0.773418
1.00000	-10.523725	-106.664012
-0.007563	-0.395811	-0.003660

COMB	DB-G1-3	MAX
REL DIST		
0.35079	12.266673	76.345279
0.006999	0.157963	210.445743
0.51309	12.266673	76.345279
0.006999	0.463709	166.114995
0.67540	12.266673	76.345279
0.006999	0.157963	139.343758
0.83770	12.266673	76.345279
0.006999	0.191763	148.247941
1.00000	12.266673	76.345279
0.006999	0.533778	175.500945

COMB	DB-G1-3	MIN
REL DIST		
0.35079	-9.902658	-143.320857
-0.006911	-0.835501	-177.994154
0.51309	-9.902658	-143.320857
-0.006911	-0.492041	-97.404121
0.67540	-9.902658	-143.320857
-0.006911	-0.178964	-48.633545
1.00000	-9.902658	-143.320857
-0.006911	-0.201617	-82.32718
1.00000	-9.948714	-96.326014

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V3
0.83770	-9.902658	-143.320857		-0.568641
-0.006911	-0.167606	-12.215926		
1.00000	-9.902658	-143.320857		-0.568641
-0.006911	-0.459821	-0.002850		
COMB DB-G2-1 ----- MAX				
REL DIST	P	M2	M3	V3
0.35079	7.886508	4.302518		0.156913
0.000353	0.236588	8.782718		
0.51309	7.886508	4.302518		0.156913
0.000353	0.141972	6.257354		
0.67540	7.886508	4.302518		0.156913
0.000353	0.047585	3.804199		
0.83770	7.886508	4.302518		0.156913
0.000353	0.065430	1.568443		
1.00000	7.886508	4.302518		0.156913
0.000353	0.199861	0.942768		

COMB DB-G2-1		MIN		
REL DIST	P	M2	M3	V3
0.35079	-0.554811	-50.742551		-0.223459
-0.006558	-0.337763	-138.860573		
0.51309	-0.554811	-50.742551		-0.223459
-0.006558	-0.203538	-108.951916		
0.67540	-0.554811	-50.742551		-0.223459
-0.006558	-0.068950	-77.899622		
0.83770	-0.554811	-50.742551		-0.223459
-0.006558	-0.046832	-47.453806		
1.00000	-0.554811	-50.742551		-0.223459
-0.006558	-0.141234	-17.058310		

COMB DB-G2-2		----- MAX		
REL DIST	T	P	V2	V3
		M2	M3	
0.35079		15.695899	13.679341	0.245274
0.007136		0.370467	51.173267	
0.51309		15.695899	13.679341	0.245274
0.007136		0.222866	44.546678	
0.67540		15.695899	13.679341	0.245274
0.007136		0.075340	57.615710	
0.83770		15.695899	13.679341	0.245274
0.007136		0.128171	110.374108	
1.00000		15.695899	13.679341	0.245274
0.007136		0.332094	164.926373	

COMB DB-G2-2 ----- MIN				
REL DIST	P	M2	M3	V3
0.35079	-1.212406	-166.648677		-0.338861
-0.007513	-0.484486	-239.425882		
0.51309	-1.212406	-166.648677		-0.338861
-0.007513	-0.281469	-145.488425		
0.67540	-1.212406	-166.648677		-0.338861
-0.007513	-0.107700	-87.367993		
0.83770	-1.212406	-166.648677		-0.338861
-0.007513	-0.094555	-43.090103		
1.00000	-1.212406	-166.648677		-0.338861

0.007053		-0.226858	-0.307354	
COMB DB-G2-3		----- MAX		
REL DIST	J	P	V2	V3
		M2	M3	
0.35079	14.657957	66.052307		0.451645
0.007054	0.683212	199.859742		
0.51309	14.657957	66.052307		0.451645
0.007054	0.411520	161.623321		
0.67540	14.657957	66.052307		0.451645
0.007054	0.139840	57.656579		
0.83770	14.657957	66.052307		0.451645
0.007054	0.185684	158.861079		
1.00000	14.657957	66.052307		0.451645

0.00/054	0.512627	177.63/748		
COMB DB-G2-3			----- MIN	
REL DIST	P	V2	V3	
	M2	M3		
0.35079	-7.518879	-154.953128	-0.543408	
-0.007131	-0.795984	-219.293379		
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FRAME ELEMENT		INTERNAL FORCES		
REL DIST		P	V2	V3
	T	M2	M3	
0.51309		-7.51879	-154.953128	-0.543408
-0.007131		-0.469893	-132.146114	
0.67400		-7.18879	-154.953128	-0.543408
-0.000731		-0.71046	-78.596348	
0.83770		-7.51879	-154.953128	-0.543408
-0.007131		-0.152655	-38.862358	
1.00000		-7.51879	-154.953128	-0.543408
-0.007131		-0.410122	-0.295490	
COMB DL-G1-1 ----- MAX				

REL DIST	T	M2	M3	V3
0.35079		5.058634	58.565037	0.415678
0.000606		6.282257	135.758077	
0.51309		5.058634	58.565037	0.415678
0.000606		3.78702	100.584360	
0.67540		5.058634	58.565037	0.415678
0.000606		0.12893	65.481077	
0.83770		5.058634	58.565037	0.415678
0.000606		0.128628	30.664112	
1.00000		5.058634	58.565037	0.415678
0.000606		0.399976	2.037570	
COMB DL-G1-1 ----- MIN				

REL DIST	M2	V2	V3
0.35079	-7.840161	-5.948297	-0.449258
-0.000346	-0.680814	-13.025478	
0.51309	-7.840161	-5.948297	-0.449258
-0.000346	-0.410689	-9.501046	
0.67540	-7.840161	-5.948297	-0.449258
-0.000346	-1.139272	-5.937502	
0.83770	-7.840161	-5.948297	-0.449258
-0.000346	-0.120004	-2.947199	
1.00000	-7.840161	-5.948297	-0.449258
-0.000346	-0.369665	-5.893241	
COMB DL-G1-2----- MAX			

-0.007570 -0.168138 -35.465344 -0.478255
0.32465 -15.769157 -17.567624 -0.478255
0.007570 -0.137075 -78.160639 -0.478255
0.48698 -15.769157 -17.567624 -0.478255
-0.007570 -0.401716 -135.480958 -0.478255
0.64930 -15.769157 -17.567624 -0.478255
-0.007570 -0.666350 -230.895512 -0.478255
COMB DB-G1-3-----MAX
REL DIST P M2 V2 V3
0.00000 7.962134 149.608874 0.510866
0.006897 0.460920 175.853028 0.510866
0.16233 1.238793 149.608874 0.510866
0.006897 0.167770 158.053157 0.510866
0.32465 7.962134 149.608874 0.510866
0.006897 0.167770 145.986912 0.510866
0.48698 7.962134 149.608874 0.510866
0.006897 0.483542 168.856766 0.510866
0.64930 7.962134 149.608874 0.510866
0.006897 0.816327 209.588495 0.510866
COMB DB-G1-3-----MIN
REL DIST P M2 V2 V3
0.00000 -14.238738 -70.107793 -0.554342
-0.006762 -0.518943 -0.004612 -0.554342
0.16233 -14.238738 -70.107793 -0.554342
-0.006762 -0.185421 -71.751818 -0.554342
0.32465 -14.238738 -70.107793 -0.554342
-0.006762 -0.158807 -71.410859 -0.554342
0.48698 -14.238738 -70.107793 -0.554342
-0.006762 -0.466221 -123.661610 -0.554342
0.64930 -14.238738 -70.107793 -0.554342
-0.006762 -0.773665 -207.648318 -0.554342
COMB DB-G2-1-----MAX
REL DIST P M2 V2 V3
0.00000 7.963303 4.356638 0.152550
0.000468 0.136450 0.943324 0.152550
0.16233 7.963303 4.356638 0.152550
0.000468 0.004479 1.234910 0.152550
0.32465 7.963303 4.356638 0.152550
0.000468 0.069572 44.846873 0.152550
0.48698 7.963303 4.356638 0.152550
0.000468 0.004479 1.234910 0.152550
0.64930 7.963303 4.356638 0.152550
0.000468 0.340358 106.433400 0.152550
COMB DB-G2-1-----MIN
REL DIST P M2 V2 V3
0.00000 -0.545793 -51.219173 -0.225007
-0.000800 -0.201213 -17.099842 -0.225007
0.16233 -0.545793 -51.219173 -0.225007
-0.000800 -0.065793 -5.033151 -0.225007
0.32465 -0.545793 -51.219173 -0.225007
-0.000800 -0.047130 -1.098437 -0.225007
0.48698 -0.545793 -51.219173 -0.225007
-0.000800 -0.138917 -9.608358 -0.225007
0.64930 -0.545793 -51.219173 -0.225007
-0.000800 -0.230715 -12.171003 -0.225007
COMB DB-G2-2-----MAX
REL DIST P M2 V2 V3
0.00000 10.850866 97.116765 0.243019
0.007107 0.222670 165.377136 0.243019
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 V2 V3
0.16233 10.850866 97.116765 0.243019
0.007107 0.092685 154.648751 0.243019
0.32465 10.850866 97.116765 0.243019
0.007107 0.084755 12.286324 0.243019
0.48698 10.850866 97.116765 0.243019
0.007107 0.282902 173.210125 0.243019
0.64930 10.850866 97.116765 0.243019
0.007107 0.485522 222.552293 0.243019
COMB DB-G2-2-----MIN
REL DIST P M2 V2 V3
0.00000 -6.206356 -84.213749 -0.339842
-0.007481 -0.293037 -10.304752 -0.339842
0.16233 -6.206356 -84.213749 -0.339842
-0.007481 -0.128001 -2.731006 -0.339842
0.32465 -6.206356 -84.213749 -0.339842
-0.007481 -0.050968 -1.216170 -0.339842
0.48698 -6.206356 -84.213749 -0.339842
-0.007481 -0.221342 -21.379128 -0.339842
0.64930 -6.206356 -84.213749 -0.339842
-0.007481 -0.367633 -73.152601 -0.339842
COMB DB-G2-3-----MAX
REL DIST P M2 V2 V3
0.00000 10.145481 143.069300 0.451376
0.007241 0.408176 178.021659 0.451376
0.16233 10.145481 143.069300 0.451376
0.007241 0.151524 148.913610 0.451376
0.32465 10.145481 143.069300 0.451376
0.007241 0.189715 136.251174 0.451376
0.48698 10.145481 143.069300 0.451376
0.007241 0.462585 164.724161 0.451376
0.64930 10.145481 143.069300 0.451376
0.007241 0.782671 210.044908 0.451376
COMB DB-G2-3-----MIN
REL DIST P M2 V2 V3
0.00000 -12.090150 -78.081174 -0.533295
-0.007332 -0.502006 -0.282960 -0.533295
0.16233 -12.090150 -78.081174 -0.533295
-0.007332 -0.181007 -10.304752 -0.533295
0.32465 -12.090150 -78.081174 -0.533295
-0.007332 -0.140134 -44.232852 -0.533295
0.48698 -12.090150 -78.081174 -0.533295
-0.007332 -0.411777 -90.899557 -0.533295
0.64930 -12.090150 -78.081174 -0.533295
-0.007332 -0.683434 -170.775475 -0.533295
COMB DL-G1-1-----MAX
REL DIST P M2 V2 V3
0.00000 0.520015 58.050983 0.418326
0.000643 0.372044 20.542720 0.418326
0.16233 0.520015 58.050983 0.418326
0.000643 0.006643 5.329590 0.418326
0.32465 0.520015 58.050983 0.418326
0.000643 0.139224 8.827264 0.418326
0.48698 0.520015 58.050983 0.418326
0.000643 0.411045 12.303444 0.418326
0.64930 0.520015 58.050983 0.418326
0.000643 0.680323 15.899543 0.418326
COMB DL-G1-1-----MIN
REL DIST P M2 V2 V3
0.00000 -7.780881 -5.929580 -0.448836
-0.000307 -0.399075 -5.938956 -0.448836
0.16233 -7.780881 -5.929580 -0.448836
-0.000307 -0.128338 -40.635888 -0.448836
0.32465 -7.780881 -5.929580 -0.448836
-0.000307 -0.129924 -75.485631 -0.448836
0.48698 -7.780881 -5.929580 -0.448836
-0.000307 -0.381309 -110.353405 -0.448836
0.64930 -7.780881 -5.929580 -0.448836

-0.000307 -0.632669 -145.245381 -0.448836
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-2-----MAX
REL DIST P M2 V2 V3
0.00000 1.349293 160.860839 0.593276
0.007404 0.559245 201.440427 0.593276
0.16233 1.349293 160.860839 0.593276
-0.007001 0.224758 14.34787626 0.593276
0.32465 1.349293 160.860839 0.593276
0.007404 0.209980 120.33996 0.593276
0.48698 1.349293 160.860839 0.593276
0.007404 0.585460 88.879955 0.593276
0.64930 1.349293 160.860839 0.593276
0.007404 0.990081 97.512366 0.593276
COMB DL-G1-2-----MIN
REL DIST P M2 V2 V3
0.00000 -14.515641 -19.043892 -0.673658
-0.007001 -0.630515 -0.005344 -0.673658
0.16233 -14.515641 -19.043892 -0.673658
-0.007001 0.224758 14.34787626 0.673658
0.32465 -14.515641 -19.043892 -0.673658
-0.007001 -0.185141 -77.926300 -0.673658
0.48698 -14.515641 -19.043892 -0.673658
-0.007001 0.530801 -136.712677 -0.673658
0.64930 -14.515641 -19.043892 -0.673658
-0.007001 -0.884124 -230.824221 -0.673658
COMB DL-G1-3-----MAX
REL DIST P M2 V2 V3
0.00000 7.379631 141.729218 0.678027
0.000288 0.628713 197.880125 0.678027
0.16233 7.379631 141.729218 0.678027
0.000288 0.222084 184.301216 0.678027
0.32465 7.379631 141.729218 0.678027
0.000288 0.240794 179.254221 0.678027
0.48698 7.379631 141.729218 0.678027
0.000288 0.682953 203.465343 0.678027
0.64930 7.379631 141.729218 0.678027
0.000288 1.149249 244.282678 0.678027
COMB DL-G1-3-----MIN
REL DIST P M2 V2 V3
0.00000 -13.041250 -72.219496 -0.775213
-0.006131 -0.714725 -0.00427 -0.775213
0.16233 -13.041250 -72.219496 -0.775213
-0.006131 -0.248479 -30.792722 -0.775213
0.32465 -13.041250 -72.219496 -0.775213
-0.006131 -0.06131 -21.0588 -0.775213
0.48698 -13.041250 -72.219496 -0.775213
-0.006131 -0.608784 -124.599049 -0.775213
0.64930 -13.041250 -72.219496 -0.775213
-0.006131 -1.013509 -207.311977 -0.775213
COMB DL-G2-1-----MAX
REL DIST P M2 V2 V3
0.00000 7.603226 5.740927 0.227257
0.000380 0.202525 1.340186 0.227257
0.16233 7.603226 5.740927 0.227257
0.000380 0.066175 14.178443 0.227257
0.32465 7.603226 5.740927 0.227257
0.000380 0.066175 14.178443 0.227257
0.48698 7.603226 5.740927 0.227257
0.000380 0.255459 77.852464 0.227257
0.64930 7.603226 5.740927 0.227257
0.000380 0.424057 110.347954 0.227257
COMB DL-G2-1-----MIN
REL DIST P M2 V2 V3
0.00000 -0.457852 -54.274632 -0.280391
-0.000685 -0.249488 -25.521222 -0.280391
0.16233 -0.457852 -54.274632 -0.280391
-0.000685 -0.061010 -9.545708 -0.280391
0.32465 -0.457852 -54.274632 -0.280391
-0.000685 -0.069891 -11.792628 -0.280391
0.48698 -0.457852 -54.274632 -0.280391
-0.000685 -0.206102 -14.869726 -0.280391
0.64930 -0.457852 -54.274632 -0.280391
-0.000685 -0.342854 -18.151250 -0.280391
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-2-----MAX
REL DIST P M2 V2 V3
0.00000 10.269241 87.593535 0.357453
0.000511 0.347283 174.016580 0.357453
0.16233 10.269241 87.593535 0.357453
0.000511 0.133394 172.670493 0.357453
0.32465 10.269241 87.593535 0.357453
0.000511 0.141877 171.549253 0.357453
0.48698 10.269241 87.593535 0.357453
0.000511 0.388993 202.833258 0.357453
0.64930 10.269241 87.593535 0.357453
0.000511 0.664607 252.546290 0.357453
COMB DL-G2-2-----MIN
REL DIST P M2 V2 V3
0.00000 -5.450726 -86.858195 -0.457976
-0.006843 -0.436479 -0.505643 -0.457976
0.16233 -5.450726 -86.858195 -0.457976
-0.006843 -0.181122 -4.039249 -0.457976
0.32465 -5.450726 -86.858195 -0.457976
-0.006843 -0.110977 -7.553794 -0.457976
0.48698 -5.450726 -86.858195 -0.457976
-0.006843 -0.315162 -25.54391 -0.457976
0.64930 -5.450726 -86.858195 -0.457976
-0.006843 -0.527361 -75.575836 -0.457976
COMB DL-G2-3-----MAX
REL DIST P M2 V2 V3
0.00000 9.584944 132.573933 0.622834
0.006432 0.580320 195.374009 0.622834
0.16233 9.584944 132.573933 0.622834
0.006432 0.107139 171.36602 0.622834
0.32465 9.584944 132.573933 0.622834
0.006432 0.227554 169.114637 0.622834
0.48698 9.584944 132.573933 0.622834
0.006432 0.643881 198.13019 0.622834
0.64930 9.584944 132.573933 0.622834
0.006432 1.086038 244.339668 0.622834
COMB DL-G2-3-----MIN
REL DIST P M2 V2 V3
0.00000 -10.833951 -81.400352 -0.734068
-0.006510 -0.678913 -0.486181 -0.734068
0.16233 -10.833951 -81.400352 -0.734068
-0.006510 -0.236980 -9.271591 -0.734068
0.32465 -10.833951 -81.400352 -0.734068
-0.006510 -0.193457 -41.863009 -0.734068
0.48698 -10.833951 -81.400352 -0.734068
-0.006510 -0.557967 -89.080945 -0.734068
0.64930 -10.833951 -81.400352 -0.734068

-0.006510 -0.929781 -166.269310 -0.734068
COMB DB-----MAX
REL DIST P M2 V2 V3
0.00000 10.850866 170.525267 0.510866
0.008011 0.460920 185.629427 0.510866
0.16233 10.850866 170.525267 0.510866
0.008011 0.167770 158.053157 0.510866
0.32465 10.850866 170.525267 0.510866
0.008011 0.176770 145.986912 0.510866
0.48698 10.850866 170.525267 0.510866
0.008011 0.483542 173.210125 0.510866
0.64930 10.850866 170.525267 0.510866
0.008011 0.816327 222.552293 0.510866
COMB DB-----MIN
REL DIST P M2 V2 V3
0.00000 -15.769157 -84.213749 -0.554342
-0.007570 -0.518943 -0.004612 -0.554342
0.16233 -15.769157 -84.213749 -0.554342
-0.007570 -0.185421 -71.751818 -0.554342
0.32465 -15.769157 -84.213749 -0.554342
-0.007570 -0.158807 -71.410859 -0.554342
0.48698 -15.769157 -84.213749 -0.554342
-0.007570 -0.466221 -123.661610 -0.554342
0.64930 -15.769157 -84.213749 -0.554342
-0.007570 -0.773665 -207.648318 -0.554342
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FRAME ELEMENT INTERNAL FORCES
COMB DL-----MAX
REL DIST P M2 V2 V3
0.00000 10.269241 87.593535 0.678027
0.007404 0.628713 201.440427 0.678027
0.16233 10.269241 87.593535 0.678027
0.007404 0.222084 184.301216 0.678027
0.32465 10.269241 87.593535 0.678027
0.007404 0.240794 179.254221 0.678027
0.48698 10.269241 87.593535 0.678027
0.007404 0.682953 203.465343 0.678027
0.64930 10.269241 87.593535 0.678027
0.007404 1.149249 252.546290 0.678027
COMB DL-----MIN
REL DIST P M2 V2 V3
0.00000 -14.515641 -19.043892 -0.775213
-0.007001 -0.714725 -0.00427 -0.775213
0.16233 -14.515641 -19.043892 -0.775213
-0.007001 -0.248479 -30.792722 -0.775213
0.32465 -14.515641 -19.043892 -0.775213
-0.007001 -0.06131 -21.0588 -0.775213
0.48698 -14.515641 -19.043892 -0.775213
-0.007001 -0.608784 -124.599049 -0.775213
0.64930 -14.515641 -19.043892 -0.775213
-0.007001 -1.013509 -207.311977 -0.775213
COMB CAR-----MAX
REL DIST P M2 V2 V3
0.00000 10.850866 170.525267 0.678027
0.008011 0.460920 185.629427 0.678027
0.16233 10.850866 170.525267 0.678027
0.008011 0.167770 158.053157 0.678027
0.32465 10.850866 170.525267 0.678027
0.008011 0.176770 145.986912 0.678027
0.48698 10.850866 170.525267 0.678027
0.008011 0.483542 173.210125 0.678027
0.64930 10.850866 170.525267 0.678027
0.008011 0.816327 222.552293 0.678027
COMB CAR-----MIN
REL DIST P M2 V2 V3
0.00000 -15.769157 -84.213749 -0.554342
-0.007570 -0.518943 -0.004612 -0.554342
0.16233 -15.769157 -84.213749 -0.554342
-0.007570 -0.185421 -71.751818 -0.554342
0.32465 -15.769157 -84.213749 -0.554342
-0.007570 -0.158807 -71.410859 -0.554342
0.48698 -15.769157 -84.213749 -0.554342
-0.007570 -0.466221 -123.661610 -0.554342
0.64930 -15.769157 -84.213749 -0.554342
-0.007570 -0.773665 -207.648318 -0.554342
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT
COMB DESIGN-----MAX
REL DIST P M2 V2 V3
0.00000 10.850866 170.525267 0.678027
0.008011 0.460920 185.629427 0.678027
0.16233 10.850866 170.525267 0.678027
0.008011 0.167770 158.053157 0.678027
0.32465 10.850866 170.525267 0.678027
0.008011 0.176770 145.986912 0.678027
0.48698 10.850866 170.525267 0.678027
0.008011 0.483542 173.210125 0.678027
0.64930 10.850866 170.525267 0.678027
0.008011 0.816327 222.552293 0.678027
COMB DESIGN-----MIN
REL DIST P M2 V2 V3
0.00000 -15.769157 -84.213749 -0.554342
-0.007570 -0.518943 -0.004612 -0.554342
0.16233 -15.769157 -84.213749 -0.554342
-0.007570 -0.185421 -71.751818 -0.554342
0.32465 -15.769157 -84.213749 -0.554342
-0.007570 -0.158807 -71.410859 -0.554342
0.48698 -15.769157 -84.213749 -0.554342
-0.007570 -0.466221 -123.661610 -0.554342
0.64930 -15.769157 -84.213749 -0.554342
-0.007570 -0.773665 -207.648318 -0.554342
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT
< MOVING Page LOAD 876 >
FRAME ELEMENT INTERNAL FORCES
ELEM 137-----LENGTH
= 3.706848
COMB DB-G1-1-----MAX
REL DIST P M2 V2 V3
0.35070 0.571823 56.145684 0.291777
0.000393 0.442002 130.268312 0.291777
0.51303 0.571823 56.145684 0.291777
0.000393 0.266437 96.503165 0.291777
0.83768 0.571823 56.145684 0.291777
0.000393 0.090877 62.775344 0.291777
0.83768 0.571823 56.145684 0.291777
0.000393 0.082180 29.182011 0.291777
1.00000 0.571823 56.145684 0.291777
0.000393 0.250913 140.1083 0.291777
COMB

REL DIST	P	V2	V3	-0.006496	-0.518545	-0.597512	-0.007951	-0.704530	-25.440783	0.00000	-6.184781	-84.134763	-0.338386
0.51303	M2	M3					ELEM	138	LENGTH	0.007129	-0.316534	-0.310552	
-0.007048	-7.492500	-154.830675	-0.486983	COMB DL-G2-3	MAX		3.706848			0.6230	-6.184781	-84.134763	-0.338386
0.67535	-7.492500	-154.830675	-0.486983	REL DIST	P	V2	V3	COMB DB-G1-1	MAX	0.007129	-0.123037	-2.736910	-0.338386
-0.007048	-0.150437	-78.811026		0.35070	M2	M3		REL DIST	P	V2	V3		
0.83768	-7.492500	-154.830675	-0.486983	0.006368	13.338788	68.650359	0.761003	0.00000	0.579626	55.546256	0.293651		
-0.007048	-0.183909	-38.810885	-0.486983	0.51303	1.127316	236.278594	0.761003	0.000394	0.230719	5.419844	0.293651		
1.00000	-7.492500	-154.830675	-0.486983	0.006368	13.338788	68.650359	0.761003	0.16232	0.579626	55.546256	0.293651		
-0.007048	-0.502108	-0.309493		0.83768	0.669695	197.837474	0.761003	0.000394	0.080568	3.856966	0.293651		
				0.006368	13.338788	68.650359	0.761003	0.32465	0.579626	55.546256	0.293651		
COMB DL-G1-1	MAX			0.006368	0.239410	176.151816	0.761003	0.000394	0.080568	3.856966	0.293651		
REL DIST	P	V2	V3	0.83768	13.338788	68.650359	0.761003	0.48697	0.579626	55.546256	0.293651		
0.35070	0.500885	58.576064	0.377603	0.006368	0.224796	184.503764	0.761003	0.000394	0.241007	9.131867	0.293651		
0.000325	0.516888	135.772959	0.377603	1.00000	0.635426	195.148385	0.761003	0.64930	0.579626	55.546256	0.293651		
0.51303	0.500885	58.576064	0.377603	Program	SAP2000	Nonlinear	Version 7.42	0.000394	0.398762	11.816008			
0.000325	0.340347	100.581269	0.377603	File:상행S11-S1503.OUT									
0.67535	0.500885	58.576064	0.377603	<	MOVING	Page	LOAD						
0.000325	0.117573	65.459316	0.377603			880	>						
0.83768	0.500885	58.576064	0.377603	F R A M E E L E M E N T I N T E R N A									
0.000325	0.100266	30.619501	0.377603	L F O R C E S									
1.00000	0.500885	58.576064	0.377603	COMB DL-G1-1	MIN								
0.000325	0.310168	2.058678		REL DIST	P	V2	V3	REL DIST	P	V2	V3		
				0.35070	M2	M3		0.35070	M2	M3			
COMB DL-G1-1	MIN			-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
REL DIST	P	V2	V3	-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
0.35070	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
-0.006092	-0.526816	-13.032121	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
0.51303	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
-0.006092	-0.517447	-10.330139	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
0.67535	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
-0.006092	-0.107489	-6.015586	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
0.83768	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
-0.006092	-0.100692	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
1.00000	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
-0.006092	-0.335822	-5.943447		-0.006247	-7.815840	-5.962562	-0.347672	-0.006247	-7.815840	-5.962562	-0.347672		
COMB DL-G1-2	MAX			COMB DB	MAX								
REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3		
0.35070	5.938559	84.365738	0.571197	0.35070	M2	M3		0.35070	M2	M3			
0.006950	0.834294	258.728871	0.571197	0.007545	15.670330	82.088704	0.545438	0.007590	1.470082	170.445887	0.430567		
0.51303	5.938559	84.365738	0.571197	0.51303	0.007545	0.803841	225.178312	0.007590	0.155714	125.113880	0.430567		
0.006950	0.490781	210.899863	0.571197	0.007545	15.670330	82.088704	0.545438	0.32465	1.470082	170.445887	0.430567		
0.67535	5.938559	84.365738	0.571197	0.007545	0.476314	177.540160	0.545438	0.007590	0.129332	70.287952			
0.006950	0.179613	182.926351	0.571197	0.007545	15.670330	82.088704	0.545438	Program	SAP2000	Nonlinear	Version 7.42		
0.83768	5.938559	84.365738	0.571197	0.007545	0.174894	150.918321	0.545438	File:상행S11-S1503.OUT					
0.006950	0.176626	190.906516	0.571197	0.83768	15.670330	82.088704	0.545438	<	MOVING	Page	LOAD		
1.00000	5.938559	84.365738	0.571197	0.007545	0.166032	167.143383	0.545438			882	>		
0.006950	0.479942	201.122271		0.007545	15.670330	82.088704	0.545438	F R A M E E L E M E N T I N T E R N A					
								L F O R C E S					
COMB DL-G1-2	MIN			COMB DB	MIN			REL DIST	P	V2	V3		
REL DIST	P	V2	V3	REL DIST	P	V2	V3	0.48697	1.470082	170.445887	0.430567		
0.35070	-9.927591	-96.328284	-0.503334	0.35070	M2	M3		0.007590	0.327324	57.636138	0.430567		
-0.007355	-7.407055	-79.752472	-0.503334	-0.007355	-10.512502	-166.559460	-0.490491	0.64930	1.470082	170.445887	0.430567		
0.51303	-9.927591	-96.328284	-0.503334	0.51303	-10.512502	-166.559460	-0.490491	COMB DB-G1-2	MIN				
-0.007355	-0.443680	-24.398552	-0.503334	-0.007355	-0.446615	-145.419001	-0.490491	REL DIST	P	V2	V3		
0.67535	-9.927591	-96.328284	-0.503334	0.67535	-10.512502	-166.559460	-0.490491	0.00000	M2	M3			
-0.007355	-0.157107	-4.325040	-0.503334	-0.007355	-0.151532	-87.281676	-0.490491	0.16232	-15.763812	-17.520586	-0.356406		
0.83768	-9.927591	-96.328284	-0.503334	0.83768	-10.512502	-166.559460	-0.490491	0.32465	-15.763812	-17.520586	-0.356406		
-0.007355	-0.195252	-0.882947	-0.503334	-0.007355	-0.185992	-83.38351	-0.490491	-0.007355	-15.763812	-17.520586	-0.356406		
1.00000	-9.927591	-96.328284	-0.503334	1.00000	-10.512502	-166.559460	-0.490491	0.48697	-15.763812	-17.520586	-0.356406		
-0.007355	-0.539058	-0.005694		-0.007355	-0.512875	-17.025838		0.64930	-15.763812	-17.520586	-0.356406		
COMB DL-G1-3	MAX			COMB DL	MAX			COMB DB-G1-3	MAX				
REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3		
0.35070	11.040993	79.345354	0.759660	0.35070	M2	M3		0.00000	7.923463	149.507242	0.569692		
-0.006245	-0.155714	244.033334	0.759660	0.006950	14.427098	84.365738	0.761003	0.006756	0.533637	175.748561	0.569692		
0.51303	11.040993	79.345354	0.759660	0.51303	0.006950	14.427098	0.761003	0.16232	7.923463	149.507242	0.569692		
-0.006245	-0.668921	198.970763	0.759660	0.006950	0.006950	0.669695	210.899863	0.32465	7.923463	149.507242	0.569692		
0.67535	11.040993	79.345354	0.759660	0.67535	14.427098	84.365738	0.761003	0.006756	0.148331	145.741184	0.569692		
-0.006245	0.230544	170.414665	0.759660	0.006950	0.239410	182.926351	0.761003	0.48697	7.923463	149.507242	0.569692		
0.83768	11.040993	79.345354	0.759660	0.83768	14.427098	84.365738	0.761003	0.006756	0.432190	166.611834	0.569692		
-0.006245	0.222175	172.426411	0.759660	0.006950	0.224796	190.906516	0.761003	0.64930	7.923463	149.507242	0.569692		
1.00000	11.040993	79.345354	0.759660	1.00000	14.427098	84.365738	0.761003	0.006756	0.716138	209.293812	0.569692		
0.006245	0.630713	197.589498	0.759660	0.006950	0.635426	201.122271		COMB DB-G1-3	MAX				
Program	SAP2000	Nonlinear	Version 7.42	COMB DL	MIN			REL DIST	P	V2	V3		
File:상행S11-S1503.OUT				REL DIST	P	V2	V3	0.00000	M2	M3			
<	MOVING	Page	LOAD	0.35070	M2	M3		0.00000	-14.218999	-70.011544	-0.471859		
	879	>		-0.007355	-10.512502	-166.559460	-0.490491	-0.006897	-0.224346	-17.065839	-0.471859		
F R A M E E L E M E N T I N T E R N A				-0.007355	-0.155639	-242.183884	-0.490491	0.16232	-14.218999	-70.011544	-0.471859		
L F O R C E S				-0.007355	-0.606962	-149.654398	-0.490491	-0.006897	-0.157157	-31.784037	-0.471859		
COMB DL-G1-3	MIN			-0.007355	-9.927591	-157.603722	-0.683702	-0.006897	-14.218999	-70.011544	-0.471859		
REL DIST	P	V2	V3	-0.007355	-9.927591	-157.603722	-0.683702	-0.006897	-14.218999	-70.011544	-0.471859		
0.35070	-9.309514	-134.620737	-0.678236	-0.007355	-0.212074	-89.588859	-0.683702	-0.006897	-14.218999	-70.011544	-0.471859		
-0.006372	-0.470555	-172.330499	-0.678236	-0.007355	-0.246966	-55.660786	-0.683702	-0.006897	-14.218999	-70.011544	-0.471859		
0.51303	-9.309514	-134.620737	-0.678236	1.00000	-9.927591	-157.603722	-0.683702	-0.006897	-14.218999	-70.011544	-0.471859		
-0.006372	-0.605246	-94.322245	-0.678236	-0.007355	-0.704530	-25.440783	-0.683702	COMB DB-G2-1	MAX				
0.67535	-9.309514	-134.620737	-0.678236	COMB CAR	MAX			REL DIST	P	V2	V3		
-0.006372	-0.748841	-179.011350	-0.678236	REL DIST	P	V2	V3	0.00000	M2	M3			
0.83768	-9.309514	-134.620737	-0.678236	0.35070									

-0.000396	-0.506669	-18.214949	
Program	SAP2000	Nonlinear	Version 7.42
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<	MOVING	Page	LOAD
		885	>
F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G2-2 ----- MAX			
REL DIST	P	M2	V2
	T	M3	V3
0.00000	0.241671	87.681663	0.565903
0.00668	0.533182	173.861274	
0.16232	0.241671	87.681663	0.565903
0.00668	0.19240	172.633779	
0.32465	0.241671	87.681663	0.565903
0.00668	0.154207	171.449258	
0.48697	0.241671	87.681663	0.565903
0.00668	0.202813	202.813542	
0.64930	0.241671	87.681663	0.565903
0.00668	0.728091	252.408078	
COMB DL-G2-2 ----- MIN			
REL DIST	P	M2	V2
	T	M3	V3
0.00000	-5.456100	-86.904113	-0.494132
-0.006529	-0.469622	-0.573827	
0.16232	-5.456100	-86.904113	-0.494132
-0.006529	-0.172637	12.408187	
0.32465	-5.456100	-86.904113	-0.494132
-0.006529	-0.177116	-7.624860	
0.48697	-5.456100	-86.904113	-0.494132
-0.006529	-0.149437	-41.955858	
0.64930	-5.456100	-86.904113	-0.494132
-0.006529	-0.827636	-75.765592	
COMB DL-G2-3 ----- MAX			
REL DIST	P	M2	V2
	T	M3	V3
0.00000	9.554064	132.662897	0.776712
0.006553	0.717596	195.120337	
0.16232	9.554064	132.662897	0.776712
0.006553	0.250200	171.177615	
0.32465	9.554064	132.662897	0.776712
0.006553	0.211654	168.835216	
0.48697	9.554064	132.662897	0.776712
0.006553	0.605741	197.975162	
0.64930	9.554064	132.662897	0.776712
0.006553	1.010099	244.063695	
COMB DL-G2-3 ----- MIN			
REL DIST	P	M2	V2
	T	M3	V3
0.00000	-10.826042	-81.443151	-0.678885
-0.006437	-0.630173	-25.471525	
0.16232	-10.826042	-81.443151	-0.678885
-0.006437	-0.222416	-3.942223	
0.32465	-10.826042	-81.443151	-0.678885
-0.006437	-0.242870	-41.955858	
0.48697	-10.826042	-81.443151	-0.678885
-0.006437	-0.682452	-89.243641	
0.64930	-10.826042	-81.443151	-0.678885
-0.006437	-1.149770	-166.485149	
COMB DB ----- MAX			
REL DIST	P	M2	V2
	T	M3	V3
0.00000	10.829938	170.445887	0.569692
0.007590	0.533637	185.506433	
0.16232	10.829938	170.445887	0.569692
0.007590	0.190815	157.808072	
0.32465	10.829938	170.445887	0.569692
0.007590	0.140437	145.741184	
0.48697	10.829938	170.445887	0.569692
0.007590	0.434317	173.104113	
0.64930	10.829938	170.445887	0.569692
0.007590	0.720088	222.111783	
COMB DB ----- MIN			
REL DIST	P	M2	V2
	T	M3	V3
0.00000	-15.763812	-84.134763	-0.474907
-0.007971	-0.436011	-17.065839	
0.16232	-15.763812	-84.134763	-0.474907
-0.007971	-0.59751	-68.492098	
0.32465	-15.763812	-84.134763	-0.474907
-0.007971	-0.180628	-145.717316	
0.48697	-15.763812	-84.134763	-0.474907
-0.007971	-0.496671	-135.422015	
0.64930	-15.763812	-84.134763	-0.474907
-0.007971	-0.838775	-230.818522	
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	File:상행S11-S1503.OUT		
<	MOVING	Page	LOAD
		886	>
F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL ----- MAX			
REL DIST	P	M2	V2
	T	M3	V3
0.00000	10.241671	160.907086	0.776712
0.007017	0.717596	201.143389	
0.16232	10.241671	160.907086	0.776712
0.007017	0.250200	184.143090	
0.32465	10.241671	160.907086	0.776712
0.007017	0.211654	179.214342	
0.48697	10.241671	160.907086	0.776712
0.007017	0.605741	203.549166	
0.64930	10.241671	160.907086	0.776712
0.007017	1.010099	252.408078	
COMB DL ----- MIN			
REL DIST	P	M2	V2
	T	M3	V3
0.00000	-14.499452	-86.904113	-0.678885
-0.007362	-0.630173	-25.471525	
0.16232	-14.499452	-86.904113	-0.678885
-0.007362	-0.222416	-3.942223	
0.32465	-14.499452	-86.904113	-0.678885
-0.007362	-0.242870	-41.951350	
0.48697	-14.499452	-86.904113	-0.678885
-0.007362	-0.682452	-86.904113	-0.678885
0.64930	-14.499452	-86.904113	-0.678885
-0.007362	-1.149770	-230.988073	
COMB CAR ----- MAX			
REL DIST	P	M2	V2
	T	M3	V3
0.00000	10.829938	170.445887	0.776712
0.007590	0.717596	201.143389	
0.16232	10.829938	170.445887	0.776712
0.007590	0.250200	184.143090	
0.32465	10.829938	170.445887	0.776712
0.007590	0.211654	179.214342	
0.48697	10.829938	170.445887	0.776712
0.007590	0.605741	203.549166	
0.64930	10.829938	170.445887	0.776712
0.007590	1.010099	252.408078	
COMB CAR ----- MIN			
REL DIST	P	M2	V2
	T	M3	V3
0.00000	-15.763812	-86.904113	-0.678885
-0.007971	-0.630173	-25.471525	
0.16232	-15.763812	-86.904113	-0.678885
-0.007971	-0.222416	-3.942223	
0.32465	-15.763812	-86.904113	-0.678885
-0.007971	-0.242870	-41.951350	
0.48697	-15.763812	-86.904113	-0.678885
-0.007971	-0.682452	-86.904113	-0.678885
0.64930	-15.763812	-86.904113	-0.678885

-0.007971	-1.149770	-230.988073	
COMB DESIGN			MAX
REL DIST	P	M2	V2
T	M3		V3
0.00000	10.829938	170.445887	0.776712
0.007590	0.717596	201.143389	
0.16232	10.829938	170.445887	0.776712
0.007590	0.250200	184.143090	
0.32465	10.829938	170.445887	0.776712
0.007590	0.211654	179.214342	
0.48697	10.829938	170.445887	0.776712
0.007590	0.605741	203.549166	
0.64930	10.829938	170.445887	0.776712
0.007590	1.010099	252.408078	
COMB DESIGN			MIN
REL DIST	P	M2	V2
T	M3		V3
0.00000	-15.763812	-86.904113	-0.678885
-0.007971	-0.630173	-25.471525	
0.16232	-15.763812	-86.904113	-0.678885
-0.007971	-0.222416	-40.696819	
0.32465	-15.763812	-86.904113	-0.678885
-0.007971	-0.242870	-41.951350	
0.48697	-15.763812	-86.904113	-0.678885
-0.007971	-0.682452	-136.851450	
0.64930	-15.763812	-86.904113	-0.678885
-0.007971	-1.149770	-230.988073	
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ELEM 139 ----- LENGTH			
= 3.706889			
COMB DB-G1-1 ----- MAX			
REL DIST	P	M2	V2
T	M3		V3
0.35070	0.827060	52.285013	0.256650
2.22E-05	0.389603	121.126217	
0.51302	0.827060	52.285013	0.256650
2.22E-05	0.234171	89.679853	
0.67535	0.827060	52.285013	0.256650
2.22E-05	0.079731	56.258851	
0.83767	0.827060	52.285013	0.256650
2.22E-05	0.064105	26.962391	
1.00000	0.827060	52.285013	0.256650
2.22E-05	0.194481	1.506811	
COMB DB-G1-1 ----- MIN			
REL DIST	P	M2	V2
T	M3		V3
0.35070	-8.132203	-8.850437	-0.216693
-0.001063	-0.327076	-20.105762	
0.51302	-8.132203	-8.850437	-0.216693
-0.001063	-0.196686	-14.787419	
0.67535	-8.132203	-8.850437	-0.216693
-0.001063	-0.066296	-9.499566	
0.83767	-8.132203	-8.850437	-0.216693
-0.001063	-0.074677	-4.604088	
1.00000	-8.132203	-8.850437	-0.216693
-0.001063	-0.229127	-5.919333	
COMB DB-G1-2 ----- MAX			
REL DIST	P	M2	V2
T	M3		V3
0.35070	7.051370	77.818245	0.442218
0.007139	0.616172	214.880734	
0.51302	7.051370	77.818245	0.442218
0.007139	0.375833	169.806843	
0.67535	7.051370	77.818245	0.442218
0.007139	0.141237	145.386069	
0.83767	7.051370	77.818245	0.442218
0.007139	0.109205	164.08091	0.442218
0.007139	0.277073	184.555610	
COMB DB-G1-2 ----- MIN			
REL DIST	P	M2	V2
T	M3		V3
0.35070	-10.380544	-111.413608	-0.309411
-0.008287	-0.467605	-92.111043	
0.51302	-10.380544	-111.413608	-0.309411
-0.008287	-0.281429	-31.607958	
0.67535	-10.380544	-111.413608	-0.309411
-0.008287	-0.095212	-9.365159	
0.83767	-10.380544	-111.413608	-0.309411
-0.008287	-0.150915	-13.83380	
1.00000	-10.380544	-111.413608	-0.309411
-0.008287	-0.424904	-0.023721	
COMB DB-G1-3 ----- MAX			
REL DIST	P	M2	V2
T	M3		V3
0.35070	12.421425	75.532000	0.654864
0.006780	0.971360	209.026091	
0.51302	12.421425	75.532000	0.654864
0.006780	0.577520	165.090185	
0.67535	12.421425	75.532000	0.654864
0.006780	0.209678	138.365356	
0.83767	12.421425	75.532000	0.654864
0.006780	0.151469	147.642702	
1.00000	12.421425	75.532000	0.654864
0.006780	0.415277	174.754094	
COMB DB-G1-3 ----- MIN			
REL DIST	P	M2	V2
T	M3		V3
0.35070	-9.928575	-144.647570	-0.463660
-0.007081	-0.700681	-181.543096	
0.51302	-9.928575	-144.647570	-0.463660
-0.007081	-0.421686	-99.933212	
0.67535	-9.928575	-144.647570	-0.463660
-0.007081	-0.122658	-50.104008	
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REL DIST			
	P	M2	V2
	T	M3	V3
0.83767	-9.928575	-144.647570	-0.463660
-0.007081	-0.213405	-12.834226	
1.00000	-9.928575	-144.647570	-0.463660
-0.007081	-0.606645	-0.021851	
COMB DB-G2-1 ----- MAX			
REL DIST	P	M2	V2
T	M3		V3
0.35070	7.725500	8.868454	0.348671
0.001005	0.531358	19.101146	
0.51302	7.725500	8.868454	0.348671
0.001005	0.241454	19.930450	
0.67535	7.725500	8.868454	0.348671
0.001005	0.111831	8.926456	
0.83767	7.725500	8.868454	0.348671
0.001005	0.052875	8.516145	
1.00000	7.725500	8.868454	0.348671
0.001005	0.255976	0.952589	
COMB DB-G2-1 ----- MIN			
REL DIST	P	M2	V2
T	M3		V3
0.35070	-0.789463	-46.397600	-0.286204
-1.14E-05	-0.432885	-128.371574	
0.51302	-0.789463	-46.397600	-0.286204

-0.007735	-0.870516	-25.550470			
COMB	CAR			MAX	
REL DIST	P	M2	M3	V3	
0.35070	15.557171	78.120475	0.951161		
0.007921	1.422159	244.186851			
0.51302	15.557171	78.120475	0.951161		
0.007921	0.850019	200.450127			
0.67535	15.557171	78.120475	0.951161		
0.007921	0.301292	177.099632			
0.83767	15.557171	78.120475	0.951161		
0.007921	0.226684	186.878710	0.951161		
1.00000	15.557171	78.120475			
0.007921	0.639951	200.815662			
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FRAME ELEMENT INTERNAL FORCES					
COMB	CAR			MIN	
REL DIST	P	M2	M3	V3	
0.35070	-10.380544	-161.386762	-0.695424		
0.008287	-1.050463	-227.526830			
0.51302	-10.380544	-161.386762	-0.695424		
0.008287	-0.632645	-137.197723			
0.67535	-10.380544	-161.386762	-0.695424		
0.008287	-0.214798	-81.288960			
0.83767	-10.380544	-161.386762	-0.695424		
0.008287	-0.299900	-51.535579			
1.00000	-10.380544	-161.386762	-0.695424		
0.008287	-0.870516	-25.550470			
COMB DESIGN				MAX	
REL DIST	P	M2	M3	V3	
0.35070	15.557171	78.120475	0.951161		
0.007921	1.422159	244.186851			
0.51302	15.557171	78.120475	0.951161		
0.007921	0.850019	200.450127			
0.67535	15.557171	78.120475	0.951161		
0.007921	0.301292	177.099632			
0.83767	15.557171	78.120475	0.951161		
0.007921	0.226684	186.878710	0.951161		
1.00000	15.557171	78.120475			
0.007921	0.639951	200.815662			
COMB DESIGN				MIN	
REL DIST	P	M2	M3	V3	
0.35070	-10.380544	-161.386762	-0.695424		
0.008287	-1.050463	-227.526830			
0.51302	-10.380544	-161.386762	-0.695424		
0.008287	-0.632645	-137.197723			
0.67535	-10.380544	-161.386762	-0.695424		
0.008287	-0.214798	-81.288960			
0.83767	-10.380544	-161.386762	-0.695424		
0.008287	-0.299900	-51.535579			
1.00000	-10.380544	-161.386762	-0.695424		
0.008287	-0.870516	-25.550470			
ELEM	140	=====	LENGTH		
	3.705940				
COMB DB-G1-1				MAX	
REL DIST	P	M2	M3	V3	
0.00000	0.836406	51.591328	0.255684		
1.20E-05	0.227732	1.519241			
0.16230	0.836406	51.591328	0.255684		
1.20E-05	0.073844	6.469150			
0.32461	0.836406	51.591328	0.255684		
1.20E-05	0.062568	11.649351			
0.48691	0.836406	51.591328	0.255684		
1.20E-05	0.180509	8.689005			
0.64921	0.836406	51.591328	0.255684		
1.20E-05	0.298448	22.105030			
COMB DB-G1-1				MIN	
REL DIST	P	M2	M3	V3	
0.00000	-8.051248	-8.719128	-0.196081		
-0.001027	-0.173314	-5.054076			
0.16230	-8.051248	-8.719128	-0.196081		
-0.001027	-0.001027	-5.054076			
0.32461	-8.051248	-8.719128	-0.196081		
-0.001027	-0.079859	-66.885823			
0.48691	-8.051248	-8.719128	-0.196081		
-0.001027	-0.001027	-5.054076			
0.64921	-8.051248	-8.719128	-0.196081		
-0.001027	-0.387430	-128.854438			
COMB DB-G1-2				MAX	
REL DIST	P	M2	M3	V3	
0.00000	1.763686	166.040283	0.441941		
0.007088	0.424236	185.007664			
0.16230	1.763686	166.040283	0.441941		
0.007088	0.159385	128.033414			
0.32461	1.763686	166.040283	0.441941		
0.007088	0.090798	76.094659			
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FRAME ELEMENT INTERNAL FORCES					
REL DIST	P	M2	M3	V3	
0.48691	1.763686	166.040283	0.441941		
0.007088	0.262736	66.672542			
0.64921	1.763686	166.040283	0.441941		
0.007088	0.434651	78.351379			
COMB DB-G1-2				MIN	
REL DIST	P	M2	M3	V3	
0.00000	-15.631283	-22.920286	-0.285823		
0.008346	-0.252982	0.027892			
0.16230	-15.631283	-22.920286	-0.285823		
0.008346	-0.098528	-32.714527			
0.32461	-15.631283	-22.920286	-0.285823		
0.008346	-0.141666	-62.61610			
0.48691	-15.631283	-22.920286	-0.285823		
0.008346	-0.375984	-127.444539			
0.64921	-15.631283	-127.444539			
0.008346	-0.641522	-220.367599			
COMB DB-G1-3				MAX	
REL DIST	P	M2	M3	V3	
0.00000	8.120908	148.760004	0.679102		
0.006499	0.630909	158.624758			
0.16230	8.120908	148.760004	0.679102		
0.006499	0.221536	158.624758			
0.32461	8.120908	148.760004	0.679102		
0.006499	0.139699	147.321839			
0.48691	8.120908	148.760004	0.679102		
0.006499	0.403716	171.369806			
0.64921	8.120908	148.760004	0.679102		
0.006499	0.668746	212.937354			
COMB DB-G1-3				MIN	
REL DIST	P	M2	M3	V3	
0.00000	-14.268527	-71.485196	-0.440630		
0.007023	-0.391350	-0.025584			
0.16230	-14.268527	-71.485196	-0.440630		

0.007023	-0.140771	-30.294657			
0.32461	-14.268527	-71.485196	-0.440630		
-0.007023	-0.215232	-69.636911	-0.440630		
0.48691	-14.268527	-71.485196	-0.440630		
-0.007023	-0.597648	-121.617390	-0.440630		
0.64921	-14.268527	-71.485196	-0.440630		
-0.007023	-1.005883	-205.290862			
COMB DB-G2-1-----MAX					
REL DIST	P	M2	M3	V3	
0.00000	7.850554	9.002729	0.378562		
0.001095	0.337194	0.953879			
0.16230	7.850554	9.002729	0.378562		
0.001095	0.109494	11.750769			
0.32461	7.850554	9.002729	0.378562		
0.001095	0.088478	39.758464			
0.48691	7.850554	9.002729	0.378562		
0.001095	0.260095	67.976890			
0.64921	7.850554	9.002729	0.378562		
0.001095	0.431694	96.217351			
COMB DB-G2-1-----MIN					
REL DIST	P	M2	M3	V3	
0.00000	-0.779699	-46.969055	-0.285293		
-0.000148	-0.254703	-17.073188			
0.16230	-0.779699	-46.969055	-0.285293		
-0.000148	-0.063079	-8.406718			
0.32461	-0.779699	-46.969055	-0.285293		
-0.000148	-0.118232	-13.290888			
0.48691	-0.779699	-46.969055	-0.285293		
-0.000148	-0.345907	-18.589040			
0.64921	-0.779699	-46.969055	-0.285293		
-0.000148	-0.573606	-23.975992			
COMB DB-G2-2-----MAX					
REL DIST	P	M2	M3	V3	
0.00000	10.715161	102.715956	0.600043		
0.007822	0.562391	164.689186			
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FRAME ELEMENT INTERNAL FORCES					
REL DIST	P	M2	M3	V3	
0.16230	10.715161	102.715956	0.600043		
0.007822	0.202611	150.918842			
0.32461	10.715161	102.715956	0.600043		
0.007822	0.122075	137.483687			
0.48691	10.715161	102.715956	0.600043		
0.007822	0.358745	163.748338			
0.64921	10.715161	102.715956	0.600043		
0.007822	0.595355	209.738717			
COMB DB-G2-2-----MIN					
REL DIST	P	M2	M3	V3	
0.00000	-6.482216	-79.137540	-0.393381		
-0.006651	-0.351056	-0.372612			
0.16230	-6.482216	-79.137540	-0.393381		
-0.006651	-0.130678	-6.186828			
0.32461	-6.482216	-79.137540	-0.393381		
-0.006651	-0.190960	-12.033455			
0.48691	-6.482216	-79.137540	-0.393381		
-0.006651	-0.522397	-31.785385			
0.64921	-6.482216	-79.137540	-0.393381		
-0.006651	-0.883049	-87.109627			
COMB DB-G2-3-----MAX					
REL DIST	P	M2	M3	V3	
0.00000	10.174127	145.476318	0.718410		
0.007409	0.666420	177.182241			
0.16230	10.174127	145.476318	0.718410		
0.007409	0.234377	147.814590			
0.007409	0.174127	145.476318	0.718410		
0.007409	0.148164	136.142654			
0.48691	10.174127	145.476318	0.718410		
0.007409	0.432739	161.941802	0.718410		
0.007409	0.717259	206.203105			
COMB DB-G2-3-----MIN					
REL DIST	P	M2	M3	V3	
0.00000	-12.254649	-76.253502	-0.473057		
-0.007025	-0.420897	-0.360525			
0.16230	-12.254649	-76.253502	-0.473057		
-0.007025	-0.151522	-12.055193			
0.32461	-12.254649	-76.253502	-0.473057		
-0.007025	-0.227649	-15.470521			
0.48691	-12.254649	-76.253502	-0.473057		
-0.007025	-0.632280	-95.723232			
0.64921	-12.254649	-76.253502	-0.473057		
-0.007025	-1.064132	-177.206776			
COMB DL-G1-1-----MAX					
REL DIST	P	M2	M3	V3	
0.00000	0.707804	52.383854	0.340660		
8.42E-06	0.302784	2.184806			
0.16230	0.707804	52.383854	0.340660		
8.42E-06	0.097993	8.218056			
0.32461	0.707804	52.383854	0.340660		
8.42E-06	0.078335	14.467960			
0.48691	0.707804	52.383854	0.340660		
8.42E-06	0.230076	20.751739			
0.64921	0.707804	52.383854	0.340660		
8.42E-06	0.381921	27.085750			
COMB DL-G1-1-----MIN					
REL DIST	P	M2	M3	V3	
0.00000	-7.502159	-10.537471	-0.251388		
-0.000963	-0.243872	-0.537471			
0.16230	-7.502159	-10.537471	-0.251388		
-0.000963	-0.072153	-37.084556			
0.32461	-7.502159	-10.537471	-0.251388		
-0.000963	-0.107142	-68.462139			
0.48691	-7.502159	-10.537471	-0.251388		
-0.000963	-0.312038	-99.886722			
0.64921	-7.502159	-10.537471	-0.251388		
-0.000963	-0.856500	-106.074180			
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FRAME ELEMENT INTERNAL FORCES					
REL DIST	P	M2	M3	V3	
0.00000	1.553636	154.561826	0.578480		
0.006063	0.132756	200.836650			
0.16230	1.553636	154.561826	0.578480		
0.006063	0.199356	149.766538			
0.32461	1.553636	154.561826	0.578480		
0.006063	0.056500	106.074171			
0.48691	1.553636	154.561826	0.578480		
0.006063	0.346798	97.876750			
0.64921	1.553636	154.561826	0.578480		
0.006063	0.573606	199.390324			
COMB DL-G1-2-----MIN					
REL DIST	P	M2	M3	V3	

0.83769 -9.258155 -119.260360 -0.242721
-0.008517 -0.156597 -7.508682
1.00001 -9.23733 -119.30645 -0.242721
-0.008517 -0.416794 -0.003926

COMB DB-G1-3 ----- MAX

REL DIST T M2 V2 V3
0.35078 12.134526 70.192728 0.720088
0.006939 0.165277 15.74907 0.720088
0.51308 12.134526 70.192728 0.720088
0.006939 0.635480 156.500702 0.720088
0.67539 12.134526 70.192728 0.720088
0.006939 0.252908 173.263304 0.720088
0.83769 12.134526 70.192728 0.720088
0.006939 0.143708 145.000749 0.720088
1.00000 12.134526 70.192728 0.720088
0.006939 0.406864 174.191739 0.720088

COMB DB-G1-3 ----- MIN

REL DIST T M2 V2 V3
0.35078 -9.127838 -144.305136 -0.446911
-0.007167 -0.674610 -181.107942 -0.446911
0.51308 -9.127838 -144.305136 -0.446911
-0.007167 -0.405765 -99.459221 -0.446911
0.67539 -9.127838 -144.305136 -0.446911
-0.007167 -0.156685 -49.500184 -0.446911
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 V2 V3
0.83769 -9.127838 -144.305136 -0.446911
-0.007167 -0.231794 -12.508935 -0.446911
1.00000 -9.127838 -144.305136 -0.446911
-0.007167 -0.664146 -0.004877

COMB DB-G2-1 ----- MAX

REL DIST T M2 V2 V3
0.35078 6.833733 16.648645 0.435183
0.001283 0.662145 36.724427 0.435183
0.51308 6.833733 16.648645 0.435183
0.001283 0.400118 26.745384 0.435183
0.67539 6.833733 16.648645 0.435183
0.001283 0.138754 16.849636 0.435183
0.83769 6.833733 16.648645 0.435183
0.001283 0.097996 0.60051 0.435183
1.00000 6.833733 16.648645 0.435183
0.001283 0.298522 0.944666 0.435183

COMB DB-G2-1 ----- MIN

REL DIST T M2 V2 V3
0.35078 -1.136729 -35.612316 -0.333360
-1.29E-05 -0.503566 -102.134598 -0.333360
0.51308 -1.136729 -35.612316 -0.333360
-0.39E-05 -0.390444 -90.72038 -0.333360
0.67539 -1.136729 -35.612316 -0.333360
-1.29E-05 -0.102526 -59.360554 -0.333360
0.83769 -1.136729 -35.612316 -0.333360
-1.29E-05 -0.29209 -117.650437 -0.333360
1.00000 -1.136729 -35.612316 -0.333360
-1.29E-05 -0.384964 -16.886963 -0.333360

COMB DB-G2-2 ----- MAX

REL DIST T M2 V2 V3
0.35078 14.438351 28.450225 0.710941
0.008219 1.053592 86.177889 0.710941
0.51308 14.438351 28.450225 0.710941
0.008219 0.635480 156.500702 0.710941
0.67539 14.438351 28.450225 0.710941
0.008219 0.227751 73.821116 0.710941
0.83769 14.438351 28.450225 0.710941
0.008219 0.149422 117.650437 0.710941
1.00000 14.438351 28.450225 0.710941
0.008219 0.412141 163.351965 0.710941

COMB DB-G2-2 ----- MIN

REL DIST T M2 V2 V3
0.35078 -1.881931 -148.505924 -0.460649
-0.006617 -0.661190 -197.221327 -0.460649
0.51308 -1.881931 -148.505924 -0.460649
-0.006617 -0.149077 -113.665668 -0.460649
0.67539 -1.881931 -148.505924 -0.460649
-0.006617 -0.414945 -65.784246 -0.460649
0.83769 -1.881931 -148.505924 -0.460649
-0.006617 -0.230308 -32.433049 -0.460649
1.00000 -1.881931 -148.505924 -0.460649
-0.006617 -0.656972 -0.661578 -0.460649

COMB DB-G2-3 ----- MAX

REL DIST T M2 V2 V3
0.35078 13.913845 69.959380 0.786507
1.000706 1.630048 208.568483 0.786507
0.51308 13.913845 69.959380 0.786507
0.007606 0.696182 168.006012 0.786507
0.67539 13.913845 69.959380 0.786507
0.007606 0.252923 144.813474 0.786507
0.83769 13.913845 69.959380 0.786507
0.007606 0.161326 159.673733 0.786507
1.00000 13.913845 69.959380 0.786507
0.007606 0.452867 176.043240 0.786507

COMB DB-G2-3 ----- MIN

REL DIST T M2 V2 V3
0.35078 -7.390618 -145.967101 -0.505423
-0.006969 -0.763188 -196.795405 -0.505423
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 V2 V3
0.51308 -7.390618 -145.967101 -0.505423
-0.006969 -0.459141 -114.504498 -0.505423
0.67539 -7.390618 -145.967101 -0.505423
-0.15E-05 -0.150369 -45.551348 -0.505423
0.83769 -7.390618 -145.967101 -0.505423
-0.006969 -0.251129 -30.597020 -0.505423
1.00000 -7.390618 -145.967101 -0.505423
-0.006969 -0.723334 -0.626623

COMB DL-G1-1 ----- MAX

REL DIST T M2 V2 V3
0.35078 1.261732 40.243338 0.319704
2.18E-05 0.485872 93.179129 0.319704
0.51308 1.261732 40.243338 0.319704
2.18E-05 0.291183 69.036713 0.319704
0.67539 1.261732 40.243338 0.319704
2.18E-05 0.090301 44.956288 0.319704
0.83769 1.261732 40.243338 0.319704
2.18E-05 0.057767 21.118111 0.319704
1.00000 1.261732 40.243338 0.319704
2.18E-05 0.177038 2.075216 0.319704

COMB DL-G1-1 ----- MIN

REL DIST T M2 V2 V3

0.35078 -6.119896 -20.309509 -0.198960
-0.001320 -0.299618 -47.951375 -0.198960
0.51308 -6.119896 -20.309509 -0.198960
-0.001320 -0.179961 -35.781389 -0.198960
0.67539 -6.119896 -20.309509 -0.198960
-0.001320 -0.060657 -23.676178 -0.198960
0.83769 -6.119896 -20.309509 -0.198960
-0.001320 -0.092337 -11.942727 -0.198960
1.00000 -6.119896 -20.309509 -0.198960
-0.001320 -0.284544 -4.891820

COMB DL-G1-2 ----- MAX

REL DIST T M2 V2 V3
0.35078 6.832793 63.779077 0.605847
0.006642 0.892226 208.943558 0.605847
0.51308 6.832793 63.779077 0.605847
0.006642 0.529008 173.263304 0.605847
0.67539 6.832793 63.779077 0.605847
0.006642 0.188887 156.923031 0.605847
0.83769 6.832793 63.779077 0.605847
0.006642 0.126534 176.927863 0.605847
1.00000 6.832793 63.779077 0.605847
0.006642 0.321904 200.478762 0.605847

COMB DL-G1-2 ----- MIN

REL DIST T M2 V2 V3
0.35078 -8.020538 -111.983156 -0.347725
-0.007990 -0.522884 -117.580776 -0.347725
0.51308 -8.020538 -111.983156 -0.347725
-0.007990 -0.314310 -52.862492 -0.347725
0.67539 -8.020538 -111.983156 -0.347725
-0.007990 -0.105921 -22.137837 -0.347725
0.83769 -8.020538 -111.983156 -0.347725
-0.007990 -0.205511 -9.017882 -0.347725
1.00000 -8.020538 -111.983156 -0.347725
-0.007990 -0.567823 -0.003036 -0.347725

COMB DL-G1-3 ----- MAX

REL DIST T M2 V2 V3
0.35078 10.735773 71.220998 1.012621
0.006430 1.514080 226.875839 1.012621
0.51308 10.735773 71.220998 1.012621
0.006430 0.905815 166.539463 1.012621
0.67539 10.735773 71.220998 1.012621
0.006430 0.316285 162.292942 1.012621
0.83769 10.735773 71.220998 1.012621
0.006430 0.216334 169.115702 1.012621
1.00000 10.735773 71.220998 1.012621
0.006430 0.608115 196.209308 1.012621
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 V2 V3
0.35078 -8.087148 -135.693060 -0.670886
-0.006649 -0.101058 -178.476688 -0.670886
0.51308 -8.087148 -135.693060 -0.670886
-0.006649 -0.607378 -99.060499 -0.670886
0.67539 -8.087148 -135.693060 -0.670886
-0.006649 -0.205069 -48.157230 -0.670886
0.83769 -8.087148 -135.693060 -0.670886
-0.006649 -0.315148 -14.585700 -0.670886
1.00000 -8.087148 -135.693060 -0.670886
-0.006649 -0.923065 -0.004477 -0.670886

COMB DL-G2-1 ----- MAX

REL DIST T M2 V2 V3
0.35078 5.847956 21.537821 0.618816
0.001342 0.939137 45.637107 0.618816
0.51308 5.847956 21.537821 0.618816
0.001342 0.568645 32.895729 0.618816
0.67539 5.847956 21.537821 0.618816
0.001342 0.194158 20.464121 0.618816
0.83769 5.847956 21.537821 0.618816
0.001342 0.143907 8.446340 0.618816
1.00000 5.847956 21.537821 0.618816
0.001342 0.439636 34.2668 0.618816

COMB DL-G2-1 ----- MIN

REL DIST T M2 V2 V3
0.35078 -1.223759 -34.743940 -0.492494
-0.172E-05 -0.743332 -182.079737 -0.492494
0.51308 -1.223759 -34.743940 -0.492494
-0.112E-05 -0.446962 -82.089106 -0.492494
0.67539 -1.223759 -34.743940 -0.492494
-0.172E-05 -0.151213 -26.174659 -0.492494
0.83769 -1.223759 -34.743940 -0.492494
-0.112E-05 -0.176858 -41.810060 -0.492494
1.00000 -1.223759 -34.743940 -0.492494
-0.112E-05 -0.549488 -25.668670 -0.492494

COMB DL-G2-2 ----- MAX

REL DIST T M2 V2 V3
0.35078 12.488521 73.523985 0.978301
0.007728 1.460726 124.588900 0.978301
0.51308 12.488521 73.523985 0.978301
0.007728 0.873744 106.052265 0.978301
0.67539 12.488521 73.523985 0.978301
0.007728 0.308787 105.279107 0.978301
0.83769 12.488521 73.523985 0.978301
0.007728 0.229858 137.526830 0.978301
1.00000 12.488521 73.523985 0.978301
0.007728 0.642100 171.980221 0.978301

COMB DL-G2-2 ----- MIN

REL DIST T M2 V2 V3
0.35078 -2.056892 -134.349192 -0.706710
-0.006044 -0.106535 -188.124859 -0.706710
0.51308 -2.056892 -134.349192 -0.706710
-0.006044 -0.640482 -101.952599 -0.706710
0.67539 -2.056892 -134.349192 -0.706710
-0.006044 -0.216354 -62.481015 -0.706710
0.83769 -2.056892 -134.349192 -0.706710
-0.006044 -0.307536 -30.736689 -0.706710
1.00000 -2.056892 -134.349192 -0.706710
-0.006044 -0.895593 -0.959188 -0.706710

COMB DL-G2-3 ----- MAX

REL DIST T M2 V2 V3
0.35078 12.097874 73.523985 1.114363
0.006994 1.688829 244.967142 1.114363
0.51308 12.097874 73.523985 1.114363
0.006994 0.999424 203.328479 1.114363
0.67539 12.097874 73.523985 1.114363
0.006994 0.348980 177.942016 1.114363
0.83769 12.097874 73.523985 1.114363
0.006994 0.246533 183.040361 1.114363
1.00000 12.097874 73.523985 1.114363
0.006994 0.699158 200.478762 1.114363

COMB DL-G2-3 ----- MIN

REL DIST T M2 V2 V3
0.35078 -2.056892 -134.349192 -0.706710
-0.006044 -0.106535 -188.124859 -0.706710
0.51308 -2.056892 -134.349192 -0.706710
-0.006044 -0.640482 -101.952599 -0.706710
0.67539 -2.056892 -134.349192 -0.706710
-0.006044 -0.216354 -62.481015 -0.706710
0.83769 -2.056892 -134.349192 -0.706710
-0.006044 -0.307536 -30.736689 -0.706710
1.00000 -2.056892 -134.349192 -0.706710
-0.006044 -0.895593 -0.959188 -0.706710

FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 V2 V3

0.35078 -6.729483 -133.647596 -0.772366
-0.006290 -0.163930 -190.296917 -0.772366
0.51308 -6.729483 -133.647596 -0.772366
-0.006290 -0.699565 -112.291502 -0.772366
0.67539 -6.729483 -133.647596 -0.772366
-0.006290 -0.236139 63.339653 -0.772366
0.83769 -6.729483 -133.647596 -0.772366
-0.006290 -0.344572 -28.860749 -0.772366
1.00000 -6.729483 -133.647596 -0.772366
-0.006290 -0.1313951 -85.11178 -0.772366

COMB DB ----- MAX

REL DIST T M2 V2 V3
0.35078 14.438351 70.192728 0.786507
0.008219 1.69048 208.568483 0.786507
0.51308 14.438351 70.192728 0.786507
0.008219 0.635480 156.500702 0.786507
0.67539 14.438351 70.192728 0.786507
0.008219 0.250283 144.874054 0.786507
0.83769 14.438351 70.192728 0.786507
0.008219 0.161326 159.673733 0.786507
1.00000 14.438351 70.192728 0.786507
0.008219 0.452887 184.239237 0.786507

COMB DB ----- MIN

REL DIST T M2 V2 V3
0.35078 -9.258155 -148.505924 -0.505423
-0.008517 -0.763188 -197.221327 -0.505423
0.51308 -9.258155 -148.505924 -0.505423
-0.008517 -0.150448 -49.500184 -0.505423
0.67539 -9.258155 -148.505924 -0.505423
-0.008517 -0.105909 -22.137837 -0.505423
0.83769 -9.258155 -148.505924 -0.505423
-0.008517 -0.212929 -9.017882 -0.505423
1.00000 -9.258155 -148.505924 -0.505423
-0.008517 -0.723334 -16.886963 -0.505423

COMB DL ----- MAX

REL DIST T M2 V2 V3
0.35078 12.488521 73.523985 1.114363
0.007728 1.688829 244.967142 1.114363
0.51308 12.488521 73.523985 1.114363
0.007728 0.999424 203.328479 1.114363
0.67539 12.488521 73.523985 1.114363
0.007728 0.348980 177.942016 1.114363
0.83769 12.488521 73.523985 1.114363
0.007728 0.246533 183.040361 1.114363
1.00000 12.488521 73.523985 1.114363
0.007728 0.699158 200.478762 1.114363

COMB DL ----- MIN

REL DIST T M2 V2 V3
0.35078 -8.087148 -135.693060 -0.772366
-0.007990 -0.522884 -117.580776 -0.772366
0.51308 -8.087148 -135.693060 -0.772366
-0.007990 -0.699565 -112.291502 -0.772366
0.67539 -8.087148 -135.693060 -0.772366
-0.007990 -0.105909 -22.137837 -0.772366
0.83769 -8.087148 -135.693060 -0.772366
-0.007990 -0.344572 -28.860749 -0.772366
1.00000 -8.087148 -135.693060 -0.772366
-0.007990 -0.1313951 -85.11178 -0.772366

COMB CAR ----- MAX

REL DIST T M2 V2 V3
0.35078 14.438351 73.523985 1.114363
0.008219 1.688829 244.967142 1.114363
0.51308 14.438351 73.

0.00000 -12.014166 -68.747997 -0.483483
0.007168 -0.430278 0.807872 -0.483483
0.16233 -12.014166 -68.747997 -0.483483
-0.007168 -0.151194 -13.533275 -0.483483
0.32466 -12.014166 -68.747997 -0.483483
0.007168 -0.257630 -49.669098 -0.483483
0.48699 -12.014166 -68.747997 -0.483483
-0.007168 -0.722893 -99.450014 -0.483483
0.64932 -12.014166 -68.747997 -0.483483
-0.007168 -1.214887 -182.344777 -0.483483

COMB DL-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 1.257790 39.982529 0.303222
1.11E-05 0.268117 2.092964
0.16233 1.257790 39.982529 0.303222
1.11E-05 0.085899 13.665311
0.32466 1.257790 39.982529 0.303222
1.11E-05 0.059713 25.781222
0.48699 1.257790 39.982529 0.303222
1.11E-05 0.175610 37.977730
0.64932 1.257790 39.982529 0.303222
1.11E-05 0.291853 50.202631

COMB DL-G1-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -6.084147 -20.359110 -0.193275
-0.001310 -0.171309 -4.918180 -0.193275
0.16233 -6.084147 -20.359110 -0.193275
-0.001310 -0.013120 -28.376701 -0.193275
0.32466 -6.084147 -20.359110 -0.193275
-0.001310 -0.095866 -52.268301 -0.193275
0.48699 -6.084147 -20.359110 -0.193275
-0.001310 -0.271606 -76.252103 -0.193275
0.64932 -6.084147 -20.359110 -0.193275
-0.001310 -0.460961 -100.281196 -0.193275
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 2.213934 140.520312 0.587065
0.006534 0.542900 200.521779 0.587065
0.16233 2.213934 140.520312 0.587065
0.006534 0.191626 156.030312 0.587065
0.32466 2.213934 140.520312 0.587065
0.006534 0.104660 119.035198 0.587065
0.48699 2.213934 140.520312 0.587065
0.006534 0.308027 19.929309 0.587065
0.64932 2.213934 140.520312 0.587065
0.006534 0.511961 136.140501

COMB DL-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -12.630152 -34.821672 -0.339625
-0.008181 -0.312652 -0.005131 -0.339625
0.16233 -12.630152 -34.821672 -0.339625
-0.008181 -0.122579 -22.588882 -0.339625
0.32466 -12.630152 -34.821672 -0.339625
-0.008181 -0.185346 -53.627763 -0.339625
0.48699 -12.630152 -34.821672 -0.339625
-0.008181 -0.513438 -104.147483 -0.339625
0.64932 -12.630152 -34.821672 -0.339625
-0.008181 -0.866502 -183.289513

COMB DL-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 7.011303 133.803962 1.011957
0.006081 0.922089 196.227927 1.011957
0.16233 7.011303 133.803962 1.011957
0.006081 0.314276 181.872989 1.011957
0.32466 7.011303 133.803962 1.011957
0.006081 0.202773 177.88217 1.011957
0.48699 7.011303 133.803962 1.011957
0.006081 0.596087 203.284563 1.011957
0.64932 7.011303 133.803962 1.011957
0.006081 0.990345 244.669527

COMB DL-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -11.848996 -73.204803 -0.655739
-0.008924 -0.501939 -0.006278 -0.655739
0.16233 -11.848996 -73.204803 -0.655739
-0.008924 -0.209110 -23.599529 -0.655739
0.32466 -11.848996 -73.204803 -0.655739
-0.008924 -0.317056 -56.538124 -0.655739
0.48699 -11.848996 -73.204803 -0.655739
-0.008924 -0.906422 -109.139235 -0.655739
0.64932 -11.848996 -73.204803 -0.655739
-0.008924 -1.515107 -187.213201

COMB DL-G2-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 5.874355 21.499105 0.614047
0.001290 0.571256 34.545201 0.614047
0.16233 5.874355 21.499105 0.614047
0.001290 0.184898 5.539200 0.614047
0.32466 5.874355 21.499105 0.614047
0.001290 0.149749 24.897710 0.614047
0.48699 5.874355 21.499105 0.614047
0.001290 0.439423 45.396013 0.614047
0.64932 5.874355 21.499105 0.614047
0.001290 0.729818 66.103036

COMB DL-G2-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -1.226850 -34.868016 -0.482204
1.74E-05 -0.428818 -25.682359 -0.482204
0.16233 -1.226850 -34.868016 -0.482204
1.74E-05 -0.392523 -24.638124 -0.482204
0.32466 -1.226850 -34.868016 -0.482204
1.74E-05 -0.199494 -33.927397 -0.482204
0.48699 -1.226850 -34.868016 -0.482204
1.74E-05 -0.585735 -66.831100 -0.482204
0.64932 -1.226850 -34.868016 -0.482204
1.74E-05 -0.971479 -99.150420 -0.482204
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 8.272204 106.058334 1.006425
0.007445 0.923110 172.004097 1.006425
0.16233 8.272204 106.058334 1.006425
0.007445 0.318151 156.429327 1.006425
0.32466 8.272204 106.058334 1.006425
0.007445 0.214993 141.358120 1.006425
0.48699 8.272204 106.058334 1.006425
0.007445 0.631993 159.230522 1.006425
0.64932 8.272204 106.058334 1.006425
0.007445 1.049871 194.903259

COMB DL-G2-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 8.272204 106.058334 1.006425
0.007445 0.923110 172.004097 1.006425
0.16233 8.272204 106.058334 1.006425
0.007445 0.318151 156.429327 1.006425
0.32466 8.272204 106.058334 1.006425
0.007445 0.214993 141.358120 1.006425
0.48699 8.272204 106.058334 1.006425
0.007445 0.631993 159.230522 1.006425
0.64932 8.272204 106.058334 1.006425
0.007445 1.049871 194.903259

0.00000 -6.369805 -63.360830 -0.694687
-0.006139 -0.628136 -0.935322 -0.694687
0.64932 -6.369805 -63.360830 -0.694687
-0.006139 -0.223584 -15.444581 -0.694687
0.32466 -6.369805 -63.360830 -0.694687
-0.006139 -0.313686 -30.170726 -0.694687
0.48699 -6.369805 -63.360830 -0.694687
-0.006139 -0.897694 -59.888130 -0.694687
0.64932 -6.369805 -63.360830 -0.694687
-0.006139 -1.501996 -121.547228

COMB DL-G2-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 8.273188 137.591877 1.126407
0.006739 1.025663 193.463387 1.126407
0.16233 8.273188 137.591877 1.126407
0.006739 0.348771 166.165531 1.126407
0.32466 8.273188 137.591877 1.126407
0.006739 0.233556 156.451103 1.126407
0.48699 8.273188 137.591877 1.126407
0.006739 0.685336 176.758118 1.126407
0.64932 8.273188 137.591877 1.126407
0.006739 1.138363 217.741282

COMB DL-G2-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -10.587753 -69.361570 -0.753173
-0.006528 -0.678193 -0.829675 -0.753173
0.16233 -10.587753 -69.361570 -0.753173
-0.006528 -0.237520 -15.850700 -0.753173
0.32466 -10.587753 -69.361570 -0.753173
-0.006528 -0.352470 -51.208104 -0.753173
0.48699 -10.587753 -69.361570 -0.753173
-0.006528 -1.010393 -102.099302 -0.753173
0.64932 -10.587753 -69.361570 -0.753173
-0.006528 -1.687413 -182.437877

COMB DB ----- MAX
REL DIST P M2 V2 V3
0.00000 9.539519 154.798406 0.817929
0.008037 0.753936 184.749907 0.817929
0.16233 9.539519 154.798406 0.817929
0.008037 0.262633 157.853013 0.817929
0.32466 9.539519 154.798406 0.817929
0.008037 0.151546 146.152712 0.817929
0.48699 9.539519 154.798406 0.817929
0.008037 0.442513 170.287891 0.817929
0.64932 9.539519 154.798406 0.817929
0.008037 0.733484 211.439013

COMB DB ----- MIN
REL DIST P M2 V2 V3
0.00000 -14.560265 -70.837471 -0.483483
-0.008621 -0.430278 -15.850700 -0.483483
0.16233 -14.560265 -70.837471 -0.483483
-0.008621 -0.151194 -29.218282 -0.483483
0.32466 -14.560265 -70.837471 -0.483483
-0.008621 -0.237520 -15.850700 -0.483483
0.48699 -14.560265 -70.837471 -0.483483
-0.008621 -0.722893 -111.612198 -0.483483
0.64932 -14.560265 -70.837471 -0.483483
-0.008621 -1.214887 -193.536043 -0.483483
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL ----- MAX
REL DIST P M2 V2 V3
0.00000 8.273188 140.520312 1.126407
0.007445 1.025663 200.521779 1.126407
0.16233 8.273188 140.520312 1.126407
0.007445 0.348771 181.872989 1.126407
0.32466 8.273188 140.520312 1.126407
0.007445 0.233556 177.88217 1.126407
0.48699 8.273188 140.520312 1.126407
0.007445 0.685336 203.284563 1.126407
0.64932 8.273188 140.520312 1.126407
0.007445 1.138363 244.669527

COMB DL ----- MIN
REL DIST P M2 V2 V3
0.00000 -12.630152 -73.204803 -0.753173
-0.008181 -0.678193 -25.682359 -0.753173
0.16233 -12.630152 -73.204803 -0.753173
-0.008181 -0.237520 -28.376701 -0.753173
0.32466 -12.630152 -73.204803 -0.753173
-0.008181 -0.348771 181.872989 -0.753173
0.48699 -12.630152 -73.204803 -0.753173
-0.008181 -0.501939 -0.006278 -0.753173
0.64932 -12.630152 -73.204803 -0.753173
-0.008181 -1.587413 -187.213201

COMB CAR ----- MAX
REL DIST P M2 V2 V3
0.00000 9.539519 154.798406 1.126407
0.008037 1.025663 200.521779 1.126407
0.16233 9.539519 154.798406 1.126407
0.008037 0.348771 181.872989 1.126407
0.32466 9.539519 154.798406 1.126407
0.008037 0.233556 177.88217 1.126407
0.48699 9.539519 154.798406 1.126407
0.008037 0.685336 203.284563 1.126407
0.64932 9.539519 154.798406 1.126407
0.008037 1.138363 244.669527

COMB CAR ----- MIN
REL DIST P M2 V2 V3
0.00000 -14.560265 -73.204803 -0.753173
-0.008621 -0.678193 -25.682359 -0.753173
0.16233 -14.560265 -73.204803 -0.753173
-0.008621 -0.237520 -29.218282 -0.753173
0.32466 -14.560265 -73.204803 -0.753173
-0.008621 -0.352470 -62.219537 -0.753173
0.48699 -14.560265 -73.204803 -0.753173
-0.008621 -1.010393 -102.099302 -0.753173
0.64932 -14.560265 -73.204803 -0.753173
-0.008621 -1.687413 -193.536043

COMB DESIGN ----- MAX
REL DIST P M2 V2 V3
0.00000 9.539519 154.798406 1.126407
0.008037 1.025663 200.521779 1.126407
0.16233 9.539519 154.798406 1.126407
0.008037 0.348771 181.872989 1.126407
0.32466 9.539519 154.798406 1.126407
0.008037 0.233556 177.88217 1.126407
0.48699 9.539519 154.798406 1.126407
0.008037 0.685336 203.284563 1.126407
0.64932 9.539519 154.798406 1.126407
0.008037 1.138363 244.669527

COMB DESIGN ----- MIN
REL DIST P M2 V2 V3
0.00000 -14.560265 -73.204803 -0.753173
-0.008621 -0.678193 -25.682359 -0.753173
0.16233 -14.560265 -73.204803 -0.753173
-0.008621 -0.237520 -29.218282 -0.753173
0.32466 -14.560265 -73.204803 -0.753173
-0.008621 -0.352470 -62.219537 -0.753173
0.48699 -14.560265 -73.204803 -0.753173
-0.008621 -1.010393 -102.099302 -0.753173
0.64932 -14.560265 -73.204803 -0.753173

-0.006621 -1.687413 -193.536043
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F R A M E E L E M E N T I N T E R N A L F O R C E S
ELEM 143 ----- LENGTH
= 3.706342
COMB DB-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.35075 2.623659 26.205618 0.174182
2.48E-05 2.603636 59.535170 0.174182
0.51306 2.623659 26.205618 0.174182
0.67538 2.623659 26.205618 0.174182
2.48E-05 0.053469 28.064413 0.174182
0.83769 2.623659 26.205618 0.174182
1.48E-05 0.029099 12.433136 0.174182
0.00000 2.623659 26.205618 0.174182
2.48E-05 0.088350 1.555564

COMB DB-G1-1 ----- MIN
REL DIST P M2 V2 V3
0.35075 2.623659 26.205618 0.174182
2.48E-05 2.603636 59.535170 0.174182
0.51306 2.623659 26.205618 0.174182
0.67538 2.623659 26.205618 0.174182
2.48E-05 0.053469 28.064413 0.174182
0.83769 2.623659 26.205618 0.174182
1.48E-05 0.029099 12.433136 0.174182
0.00000 2.623659 26.205618 0.174182
2.48E-05 0.088350 1.555564

COMB DB-G1-2 ----- MAX
REL DIST P M2 V2 V3
0.35075 8.903619 47.746368 0.388678
0.006534 0.542900 200.521779 0.388678
0.51306 8.903619 47.746368 0.388678
0.006534 0.332624 116.835378 0.388678
0.67538 8.903619 47.746368 0.388678
0.006534 0.121183 108.511604 0.388678
0.83769 8.903619 47.746368 0.388678
1.48E-05 0.068560 144.620289 0.388678
0.00000 8.903619 47.746368 0.388678
0.006534 0.155961 182.320276

COMB DB-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.35075 -6.810154 -128.792878 -0.174831
-0.008431 -0.264724 -135.471781 -0.174831
0.51306 -6.810154 -128.792878 -0.174831
-0.008431 -0.159553 -63.957591 -0.174831
0.67538 -6.810154 -128.792878 -0.174831
-0.008431 -0.054361 -29.866509 -0.174831
0.83769 -6.810154 -128.792878 -0.174831
-0.008431 -0.142393 -13.161912 -0.174831
1.00000 -6.810154 -128.792878 -0.174831
-0.008431 -0.375760 -0.027987

COMB DB-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.35075 11.856189 60.359419 0.714610
0.006523 1.061943 175.823476 0.714610
0.51306 11.856189 60.359419 0.714610
0.006523 0.657784 140.627106 0.714610
0.67538 11.856189 60.359419 0.714610
0.006523 0.226458 121.364885 0.714610
0.83769 11.856189 60.359419 0.714610
1.00000 11.856189 60.359419 0.714610
0.006523 0.387013 171.733360

COMB DB-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.35075 -7.979007 -141.066627 -0.433623
-0.007102 -0.656417 -175.068957 -0.433623
0.51306 -7.979007 -141.066627 -0.433623
-0.007102 -0.395559 -24.27202 -0.433623
0.67538 -7.979007 -141.066627 -0.433623
-0.007102 -0.134671 -46.420608 -0.433623
0.83769 -7.979007 -141.066627 -0.433623
1.00000 -7.979007 -141.066627 -0.433623
-0.007102 -0.657654 -0.027735

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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 V2 V3
0.83769 -7.979007 -141.066627 -0.433623
-0.007102 -0.22932 -12.44327 -0.433623
1.00000 -7.979007 -141.066627 -0.433623
-0.007102 -0.657654 -0.027735

COMB DB-G2-1 ----- MAX
REL DIST P M2 V2 V3
0.35075 6.403417 26.778122 0.477755
0.001383 0.728359 60.

0.35075	-4.028433	-17.741628	-0.569346
1.25E-05	-0.862073	-58.306595	-0.569346
0.51306	-4.028433	-17.741628	-0.569346
-1.25E-05	-0.518855	-47.869388	-0.569346
0.67538	-4.028433	-17.741628	-0.569346
-1.25E-05	-0.76564	-37.606068	-0.569346
0.83769	-4.028433	-17.741628	-0.569346
-1.25E-05	-0.190090	-27.981031	-0.569346
1.00000	-4.028433	-17.741628	-0.569346
-1.25E-05	-0.598157	-25.898475	-0.569346
COMB DL-G2-2 ----- MAX			
REL DIST	P	V2	V3
	M2	M3	
0.35075	9.967813	54.383819	1.080043
0.007751	1.619471	172.193067	1.080043
0.51306	9.967813	54.383819	1.080043
0.007751	0.977405	141.711960	1.080043
0.67538	9.967813	54.383819	1.080043
0.007751	0.342138	128.574343	1.080043
0.83769	9.967813	54.383819	1.080043
0.007751	0.266575	148.968884	1.080043
1.00000	9.967813	54.383819	1.080043
0.007751	0.762765	170.772186	1.080043
COMB DL-G2-2 ----- MIN			
REL DIST	P	V2	V3
	M2	M3	
0.35075	-5.367153	-112.877696	-0.838953
-0.005838	-1.268474	-138.443707	-0.838953
0.51306	-5.367153	-112.877696	-0.838953
-0.005838	-0.763232	-72.557917	-0.838953
0.67538	-5.367153	-112.877696	-0.838953
-0.005838	-0.259707	-37.714224	-0.838953
0.83769	-5.367153	-112.877696	-0.838953
-0.005838	-0.331844	-18.757224	-0.838953
1.00000	-5.367153	-112.877696	-0.838953
-0.005838	-0.982324	-1.028661	-0.838953
COMB DL-G2-3 ----- MAX			
REL DIST	P	V2	V3
	M2	M3	
0.35075	11.494653	79.951334	1.175095
0.007014	1.765547	256.089552	1.175095
0.51306	11.494653	79.951334	1.175095
0.007014	1.065535	210.470563	1.175095
0.67538	11.494653	79.951334	1.175095
0.007014	0.371292	180.872821	1.175095
0.83769	11.494653	79.951334	1.175095
0.007014	0.270705	183.355971	1.175095
1.00000	11.494653	79.951334	1.175095
0.007014	0.783180	192.153247	1.175095
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G2-3 ----- MIN			
REL DIST	P	V2	V3
	M2	M3	
0.35075	-8.370872	-123.901825	-0.865193
-0.006178	-1.308529	-163.678606	-0.865193
0.51306	-8.370872	-123.901825	-0.865193
-0.006178	-0.766812	-91.408633	-0.865193
0.67538	-8.370872	-123.901825	-0.865193
-0.006178	-0.267616	-47.759232	-0.865193
0.83769	-8.370872	-123.901825	-0.865193
-0.006178	-0.356980	-27.981031	-0.865193
1.00000	-8.370872	-123.901825	-0.865193
-0.006178	-1.064575	-25.898475	-0.865193
COMB DB ----- MAX			
REL DIST	P	V2	V3
	M2	M3	
0.35075	12.258128	69.958016	0.805897
0.007792	1.200831	209.002418	0.805897
0.51306	12.258128	69.958016	0.805897
0.007792	0.497908	95.242702	0.805897
0.67538	12.258128	69.958016	0.805897
0.007792	0.256730	143.772386	0.805897
0.83769	12.258128	69.958016	0.805897
0.007792	0.172755	158.043615	0.805897
1.00000	12.258128	69.958016	0.805897
0.007792	0.484995	182.320276	0.805897
COMB DB ----- MIN			
REL DIST	P	V2	V3
	M2	M3	
0.35075	-7.979007	-141.066627	-0.544629
-0.008431	-0.825550	-175.069357	-0.544629
0.51306	-7.979007	-141.066627	-0.544629
-0.008431	-0.497908	-95.242702	-0.544629
0.67538	-7.979007	-141.066627	-0.544629
-0.008431	-0.170213	-72.557202	-0.544629
0.83769	-7.979007	-141.066627	-0.544629
-0.008431	-0.254178	-27.808589	-0.544629
1.00000	-7.979007	-141.066627	-0.544629
-0.008431	-0.738474	-16.899048	-0.544629
COMB DL ----- MAX			
REL DIST	P	V2	V3
	M2	M3	
0.35075	12.009883	79.951334	1.175095
0.007751	1.765547	256.089552	1.175095
0.51306	12.009883	79.951334	1.175095
0.007751	1.065535	210.470563	1.175095
0.67538	12.009883	79.951334	1.175095
0.007751	0.371292	180.872821	1.175095
0.83769	12.009883	79.951334	1.175095
0.007751	0.270705	183.355971	1.175095
1.00000	12.009883	79.951334	1.175095
0.007751	0.783180	200.466033	1.175095
COMB DL ----- MIN			
REL DIST	P	V2	V3
	M2	M3	
0.35075	-8.370872	-138.507468	-0.865193
-0.008002	-1.308529	-188.253319	-0.865193
0.51306	-8.370872	-138.507468	-0.865193
-0.008002	-0.766812	-107.045444	-0.865193
0.67538	-8.370872	-138.507468	-0.865193
-0.008002	-0.267616	-53.631163	-0.865193
0.83769	-8.370872	-138.507468	-0.865193
-0.008002	-0.356980	-27.981031	-0.865193
1.00000	-8.370872	-138.507468	-0.865193
-0.008002	-1.064575	-25.898475	-0.865193
COMB CAR ----- MAX			
REL DIST	P	V2	V3
	M2	M3	
0.35075	12.258128	79.951334	1.175095
0.007792	1.765547	256.089552	1.175095
0.51306	12.258128	79.951334	1.175095
0.007792	1.065535	210.470563	1.175095
0.67538	12.258128	79.951334	1.175095
0.007792	0.371292	180.872821	1.175095
0.83769	12.258128	79.951334	1.175095
0.007792	0.270705	183.355971	1.175095
1.00000	12.258128	79.951334	1.175095
0.007792	0.783180	200.466033	1.175095
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB CAR ----- MIN			
REL DIST	P	V2	V3
	M2	M3	
0.35075	-8.370872	-138.507468	-0.865193
-0.008002	-1.308529	-188.253319	-0.865193
0.51306	-8.370872	-138.507468	-0.865193
-0.008002	-0.766812	-107.045444	-0.865193
0.67538	-8.370872	-138.507468	-0.865193
-0.008002	-0.267616	-53.631163	-0.865193
0.83769	-8.370872	-138.507468	-0.865193
-0.008002	-0.356980	-27.981031	-0.865193
1.00000	-8.370872	-138.507468	-0.865193
-0.008002	-1.064575	-25.898475	-0.865193

0.00000 -12.314129 -75.434197 -0.848565
0.008127 -0.764871 -25.897429 -0.848565
0.16234 -12.314129 -75.216733 -0.848565
-0.008127 -0.262911 -39.039684 -0.848565
0.32467 -12.314129 -75.434197 -0.848565
0.008127 -0.375383 -63.496012 -0.848565
0.48701 -12.314129 -75.434197 -0.848565
-0.008127 -1.079446 -119.592594 -0.848565
0.64934 -12.314129 -75.434197 -0.848565
-0.008127 -1.789025 -204.358508 -0.848565

COMB CAR ----- MAX
REL DIST P M2 M3 V3
0.00000 8.231083 147.216733 1.190505
0.007969 1.079395 200.556577 1.190505
0.16234 8.231083 147.216733 1.190505
0.007969 0.362016 180.825903 1.190505
0.32467 8.231083 147.216733 1.190505
0.007969 0.265030 177.413888 1.190505
0.48701 8.231083 147.216733 1.190505
0.007969 0.774765 204.828678 1.190505
0.64934 8.231083 147.216733 1.190505
0.007969 1.286529 247.836276 1.190505

COMB CAR ----- MIN
REL DIST P M2 M3 V3
0.00000 -12.436541 -75.434197 -0.848565
-0.008132 -0.764871 -25.897429 -0.848565
0.16234 -12.436541 -75.434197 -0.848565
-0.008132 -0.262911 -39.039684 -0.848565
0.32467 -12.436541 -75.434197 -0.848565
-0.008132 -0.375383 -63.496012 -0.848565
0.48701 -12.436541 -75.434197 -0.848565
-0.008132 -1.079446 -119.592594 -0.848565
0.64934 -12.436541 -75.434197 -0.848565
-0.008132 -1.789025 -204.358508 -0.848565

COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.00000 8.231083 147.216733 1.190505
0.007969 1.079395 200.556577 1.190505
0.16234 8.231083 147.216733 1.190505
0.007969 0.362016 180.825903 1.190505
0.32467 8.231083 147.216733 1.190505
0.007969 0.265030 177.413888 1.190505
0.48701 8.231083 147.216733 1.190505
0.007969 0.774765 204.828678 1.190505
0.64934 8.231083 147.216733 1.190505
0.007969 1.286529 247.836276 1.190505

COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.00000 -12.436541 -75.434197 -0.848565
-0.008132 -0.764871 -25.897429 -0.848565
0.16234 -12.436541 -75.434197 -0.848565
-0.008132 -0.262911 -39.039684 -0.848565
0.32467 -12.436541 -75.434197 -0.848565
-0.008132 -0.375383 -63.496012 -0.848565
0.48701 -12.436541 -75.434197 -0.848565
-0.008132 -1.079446 -119.592594 -0.848565
0.64934 -12.436541 -75.434197 -0.848565
-0.008132 -1.789025 -204.358508 -0.848565

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ELEM 145 ===== LENGTH
= 3.706666
COMB DB-G1-1 ----- MAX
REL DIST T M2 M3 V3
0.35072 4.648539 5.664413 1.130852
0.000510 0.000510 11.055067 1.130852
0.51304 4.648539 5.664413 1.130852
0.000510 0.130305 6.677082 1.130852
0.67536 4.648539 5.664413 1.130852
0.000510 0.030477 4.393028 1.130852
0.83768 4.648539 5.664413 1.130852
0.000510 0.025028 1.865115 1.130852
1.00000 4.648539 5.664413 1.130852
0.000510 0.070705 1.426762 1.130852

COMB DB-G1-1 ----- MIN
REL DIST T M2 M3 V3
0.35072 -1.104086 -31.342333 -0.75809
0.001246 -0.111727 -74.524643 -0.75809
0.51304 -1.104086 -31.342333 -0.75809
-0.001246 -0.066101 -55.696691 -0.75809
0.67536 -1.104086 -31.342333 -0.75809
0.001246 -0.020421 -37.057283 -0.75809
0.83768 -1.104086 -31.342333 -0.75809
-0.001246 -0.044411 -18.642051 -0.75809
1.00000 -1.104086 -31.342333 -0.75809
-0.001246 -0.123157 -3.250304 -0.75809

COMB DB-G1-2 ----- MAX
REL DIST T M2 M3 V3
0.35072 10.392227 25.694149 0.316689
0.006231 0.456348 88.156218 0.316689
0.51304 10.392227 25.694149 0.316689
0.006231 0.726239 136.899055 0.316689
0.67536 10.392227 25.694149 0.316689
0.006231 0.082980 17.093905 0.316689
0.83768 10.392227 25.694149 0.316689
0.006231 0.070556 1.268614 0.316689
1.00000 10.392227 25.694149 0.316689
0.006231 0.194861 196.948765 0.316689

COMB DB-G1-2 ----- MIN
REL DIST T M2 M3 V3
0.35072 -2.638051 -126.886141 -0.208896
-0.005956 -0.307846 -142.553297 -0.208896
0.51304 -2.638051 -126.886141 -0.208896
-0.005956 -0.101286 -157.516051 -0.208896
0.67536 -2.638051 -126.886141 -0.208896
-0.005956 -0.056340 -37.506067 -0.208896
0.83768 -2.638051 -126.886141 -0.208896
-0.005956 -0.129337 -88.886141 -0.208896
1.00000 -2.638051 -126.886141 -0.208896
-0.005956 -0.323503 -0.019066 -0.208896

COMB DB-G1-3 ----- MAX
REL DIST T M2 M3 V3
0.35072 10.300755 44.599683 0.676926
0.006159 0.989055 136.309066 0.676926
0.51304 10.300755 44.599683 0.676926
0.006159 0.585402 114.537309 0.676926
0.67536 10.300755 44.599683 0.676926
0.006159 0.181246 100.159290 0.676926
0.83768 10.300755 44.599683 0.676926
0.006159 0.179249 124.265302 0.676926
1.00000 10.300755 44.599683 0.676926
0.006159 0.497723 160.674381 0.676926

COMB DB-G1-3 ----- MIN
REL DIST T M2 M3 V3
0.35072 -5.561877 -123.761981 -0.532831
-0.005420 -0.764871 -123.761981 -0.532831
0.51304 -5.561877 -123.761981 -0.532831
-0.005420 -0.463988 -77.735731 -0.532831
0.67536 -5.561877 -123.761981 -0.532831
-0.005420 -0.143256 -35.849660 -0.532831

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REL DIST T M2 M3 V3
0.83768 -5.561877 -123.761981 -0.532831
-0.005420 -0.246992 -15.729701 -0.532831
1.00000 -5.561877 -123.761981 -0.532831
-0.005420 -0.654312 -0.022023 -0.532831

COMB DB-G2-1 ----- MAX
REL DIST T M2 M3 V3
0.35072 0.764710 33.755326 0.514833
0.001209 0.750512 75.730577 0.514833
0.51304 0.764710 33.755326 0.514833
0.001209 0.449757 55.723939 0.514833
0.67536 0.764710 33.755326 0.514833
0.001209 0.140014 14.0014 0.514833
0.83768 0.764710 33.755326 0.514833
0.001209 0.154965 15.235968 0.514833
1.00000 0.764710 33.755326 0.514833
0.001209 0.434951 0.925540 0.514833

COMB DB-G2-1 ----- MIN
REL DIST T M2 M3 V3
0.35072 -4.692885 -2.385887 -0.465328
-0.00047 -0.694937 -50.113649 -0.465328
0.51304 -4.692885 -2.385887 -0.465328
-0.000447 -0.404965 -11.337523 -0.465328
0.67536 -4.692885 -2.385887 -0.465328
-0.000447 -0.124984 -12.917311 -0.465328
0.83768 -4.692885 -2.385887 -0.465328
-0.000447 -0.169775 -14.000447 -0.465328
1.00000 -4.692885 -2.385887 -0.465328
-0.000447 -0.479534 -16.541982 -0.465328

COMB DB-G2-2 ----- MAX
REL DIST T M2 M3 V3
0.35072 6.195064 50.166282 0.799655
0.006789 1.170776 135.981623 0.799655
0.51304 6.195064 50.166282 0.799655
0.006789 0.693232 111.367439 0.799655
0.67536 6.195064 50.166282 0.799655
0.006789 0.215675 94.366828 0.799655
0.83768 6.195064 50.166282 0.799655
0.006789 0.226092 121.328140 0.799655
1.00000 6.195064 50.166282 0.799655
0.006789 0.630975 148.882042 0.799655

COMB DB-G2-2 ----- MIN
REL DIST T M2 M3 V3
0.35072 -6.353697 -93.413916 -0.675216
-0.004843 -0.994045 -78.654035 -0.675216
0.51304 -6.353697 -93.413916 -0.675216
-0.004843 0.225488 131.075639 -0.675216
0.67536 -6.353697 -93.413916 -0.675216
-0.004843 -0.181449 -10.239882 -0.675216
0.83768 -6.353697 -93.413916 -0.675216
-0.004843 -0.289128 -45.756112 -0.675216
1.00000 -6.353697 -93.413916 -0.675216
-0.004843 -0.770260 -0.754903 -0.675216

COMB DB-G2-3 ----- MAX
REL DIST T M2 M3 V3
0.35072 8.575156 64.332860 0.803937
0.006545 1.177872 192.093982 0.803937
0.51304 8.575156 64.332860 0.803937
0.006545 0.675059 58.571743 0.803937
0.67536 8.575156 64.332860 0.803937
0.006545 0.217094 132.689595 0.803937
0.83768 8.575156 64.332860 0.803937
0.006545 0.225488 146.711756 0.803937
1.00000 8.575156 64.332860 0.803937
0.006545 0.628616 161.707236 0.803937

COMB DB-G2-3 ----- MIN
REL DIST T M2 M3 V3
0.35072 -7.427165 -105.775636 -0.672840
-0.005225 -0.990674 -110.552633 -0.672840
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REL DIST T M2 M3 V3
0.51304 -7.427165 -105.775636 -0.672840
-0.005225 -0.585836 -55.063295 -0.672840
0.67536 -7.427165 -105.775636 -0.672840
-0.005225 -0.180690 -24.677692 -0.672840
0.83768 -7.427165 -105.775636 -0.672840
-0.005225 -0.288572 -9.248299 -0.672840
1.00000 -7.427165 -105.775636 -0.672840
-0.005225 -0.772347 -0.726560 -0.672840

COMB DL-G1-1 ----- MAX
REL DIST T M2 M3 V3
0.35072 8.185213 7.941348 0.214346
0.000488 0.328663 17.771994 0.214346
0.51304 8.185213 7.941348 0.214346
0.000488 0.185897 13.062581 0.214346
0.67536 8.185213 7.941348 0.214346
0.000488 0.056707 6.426990 0.214346
0.83768 8.185213 7.941348 0.214346
0.000488 0.043951 3.967657 0.214346
1.00000 8.185213 7.941348 0.214346
0.000488 0.126541 2.144572 0.214346

COMB DL-G1-1 ----- MIN
REL DIST T M2 M3 V3
0.35072 -1.276895 -53.091528 -0.136511
-0.001343 -0.913443 -121.020020 -0.136511
0.51304 -1.276895 -53.091528 -0.136511
-0.001343 -0.118259 -95.506564 -0.136511
0.67536 -1.276895 -53.091528 -0.136511
-0.001343 -0.035412 -12.917311 -0.136511
0.83768 -1.276895 -53.091528 -0.136511
-0.001343 -0.071581 -32.302059 -0.136511
1.00000 -1.276895 -53.091528 -0.136511
-0.001343 -0.200723 -3.225180 -0.136511

COMB DL-G1-2 ----- MAX
REL DIST T M2 M3 V3
0.35072 14.358735 26.521168 0.519638
0.006007 0.751243 115.144963 0.519638
0.51304 14.358735 26.521168 0.519638
0.006007 0.441251 102.293395 0.519638
0.67536 14.358735 26.521168 0.519638
0.006007 0.134706 105.339637 0.519638
0.83768 14.358735 26.521168 0.519638
0.006007 0.133066 145.997766 0.519638
1.00000 14.358735 26.521168 0.519638
0.006007 0.355510 193.814988 0.519638

COMB DL-G1-2 ----- MIN
REL DIST T M2 M3 V3
0.35072 -1.276895 -53.091528 -0.136511
-0.001343 -0.913443 -121.020020 -0.136511
0.51304 -1.276895 -53.091528 -0.136511
-0.001343 -0.118259 -95.506564 -0.136511
0.67536 -1.276895 -53.091528 -0.136511
-0.001343 -0.035412 -12.917311 -0.136511
0.83768 -1.276895 -53.091528 -0.136511
-0.001343 -0.071581 -32.302059 -0.136511
1.00000 -1.276895 -53.091528 -0.136511
-0.001343 -0.200723 -3.225180 -0.136511

0.35072 -2.855132 -143.059872 -0.379900
-0.005241 -0.557038 -196.574166 -0.379900
0.51304 -2.855132 -143.059872 -0.379900
-0.005241 -0.328688 -112.830788 -0.379900
0.67536 -2.855132 -143.059872 -0.379900
-0.005241 -0.101142 -60.322218 -0.379900
0.83768 -2.855132 -143.059872 -0.379900
-0.005241 -0.200457 -26.066201 -0.379900
1.00000 -2.855132 -143.059872 -0.379900
-0.005241 -0.513213 -0.016801 -0.379900

COMB DL-G1-3 ----- MAX
REL DIST T M2 M3 V3
0.35072 13.813330 59.298175 1.029207
0.005939 1.505839 201.081266 1.029207
0.51304 13.813330 59.298175 1.029207
0.005939 0.889891 168.334539 1.029207
0.67536 13.813330 59.298175 1.029207
0.005939 0.273975 149.053129 1.029207
0.83768 13.813330 59.298175 1.029207
0.005939 0.290168 162.613358 1.029207
1.00000 13.813330 59.298175 1.029207
0.005939 0.803647 188.858825 1.029207
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COMB DL-G1-3 ----- MIN
REL DIST T M2 M3 V3
0.35072 -7.945385 -137.383488 -0.860558
-0.004752 -1.264659 -193.391160 -0.860558
0.51304 -7.945385 -137.383488 -0.860558
-0.004752 -0.746899 -113.006537 -0.860558
0.67536 -7.945385 -137.383488 -0.860558
-0.004752 -0.232424 -58.553799 -0.860558
0.83768 -7.945385 -137.383488 -0.860558
-0.004752 -0.362871 -24.243069 -0.860558
1.00000 -7.945385 -137.383488 -0.860558
-0.004752 -0.982438 -0.018969 -0.860558

COMB DL-G2-1 ----- MAX
REL DIST T M2 M3 V3
0.35072 0.875367 59.837887 0.734186
0.001318 1.083156 127.061784 0.734186
0.51304 0.875367 59.837887 0.734186
0.001318 0.613900 91.661884 0.734186
0.67536 0.875367 59.837887 0.734186
0.001318 0.199507 56.657882 0.734186
0.83768 0.875367 59.837887 0.734186
0.001318 0.875367 59.837887 0.734186
1.00000 0.875367 59.837887 0.734186
0.001318 0.638774 1.342788 0.734186

COMB DL-G2-1 ----- MIN
REL DIST T M2 M3 V3
0.35072 -8.467434 -4.441191 -0.684199
-0.004411 -1.069840 -17.114726 -0.684199
0.51304 -8.467434 -4.441191 -0.684199
-0.004411 -0.595103 -15.686314 -0.684199
0.67536 -8.467434 -4.441191 -0.684199
-0.004411 -0.182687 -14.657250 -0.684199
0.83768 -8.467434 -4.441191 -0.684199
-0.004411 -0.241923 -14.648767 -0.684199
1.00000 -8.467434 -4.441191 -0.684199
-0.004411 -0.683721 -25.754938 -0.684199

COMB DL-G2-2 ----- MAX
REL DIST T M2 M3 V3
0.35072 6.233739 77.694824 1.161047
0.006721 1.699787 226.033263 1.161047
0.51304 6.233739 77.694824 1.161047
0.006721 1.005535 182.021905 1.161047
0.67536 6.233739 77.694824 1.161047
0.006721 0.371531 152.552953 1.161047
0.83768 6.233739 77.694824 1.161047
0.006721 0.353645 157.512723 1.161047
1.00000 6.233739 77.694824 1.161047
0.006721 0.977231 163.826823 1.161047

COMB DL-G2-2 ----- MIN
REL DIST T M2 M3 V3
0.35072 -10.698169 -88.808732 -1.044913
-0.004011 -1.549915 -196.574166 -1.044913
0.51304 -10.698169 -88.808732 -1.044913
-0.004011 -0.907481 -35.807734 -1.044913
0.67536 -10.698169 -88.808732 -1.044913
-0.004011 -0.294984 13.088514 -1.044913
0.83768 -10.698169 -88.808732 -1.044913
-0.004011 -0.408402 -6.605879 -1.044913
1.00000 -10.698169 -88.808732 -1.044913
-0.004011

0.005120 0.320913 138.703629

COMB DB-G1-2 MIN

REL DIST P M2 M3 V3
0.00000 -7.528244 -47.892920 -0.219778
-0.007077 -0.207819 -0.022291
0.16230 -7.528244 -47.892920 -0.219778
0.007077 -0.076929 -1.288545
0.32459 -7.528244 -47.892920 -0.219778
0.007077 -0.082689 -7.973618
0.48689 -7.528244 -47.892920 -0.219778
0.007077 -0.265952 -32.781968
0.64919 -7.528244 -47.892920 -0.219778
-0.007077 -0.449235 -86.333904

COMB DB-G1-3 MAX

REL DIST P M2 M3 V3
0.00000 6.596553 109.997176 0.690032
0.005031 0.665775 180.903291
0.16230 6.596553 109.997176 0.690032
0.005031 0.250758 141.548171
0.32459 6.596553 109.997176 0.690032
0.005031 0.005031 28.231206
0.48689 6.596553 109.997176 0.690032
0.005031 0.463504 149.187900
0.64919 6.596553 109.997176 0.690032
0.005031 0.784657 179.423371

COMB DB-G1-3 MIN

REL DIST P M2 M3 V3
0.00000 -9.736569 -58.600562 -0.534123
-0.006202 -0.615655 -0.025252
0.16230 -9.736569 -58.600562 -0.534123
-0.006202 -0.180132 -9.348616
0.32459 -9.736569 -58.600562 -0.534123
-0.006202 -0.006202 -28.231206
0.48689 -9.736569 -58.600562 -0.534123
-0.006202 -0.596759 -62.700637
0.64919 -9.736569 -58.600562 -0.534123
-0.006202 -1.106320 -121.107141

COMB DB-G2-1 MAX

REL DIST P M2 M3 V3
0.00000 0.837826 33.894208 0.538593
0.001227 0.502565 0.927343
0.16230 0.837826 33.894208 0.538593
0.001227 0.178641 527.465
0.32459 0.837826 33.894208 0.538593
0.001227 0.123090 3.101089
0.48689 0.837826 33.894208 0.538593
0.001227 0.396151 4.187008
0.64919 0.837826 33.894208 0.538593
0.001227 0.669194 5.582337

COMB DB-G2-1 MIN

REL DIST P M2 M3 V3
0.00000 -8.434533 -2.345022 -0.453994
-0.000461 -0.422979 -16.542486
0.16230 -8.434533 -2.345022 -0.453994
-0.000461 -0.139306 -1.393305
0.32459 -8.434533 -2.345022 -0.453994
-0.000461 -0.145282 -46.868475
0.48689 -8.434533 -2.345022 -0.453994
-0.000461 -0.000461 -36.980419
0.64919 -8.434533 -2.345022 -0.453994
-0.000461 -0.793143 -87.248326

COMB DB-G2-2 MAX

REL DIST P M2 M3 V3
0.00000 2.032618 124.271507 0.829638
0.005639 0.799038 149.149106
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T P M2 M3 V3
0.16230 2.032618 124.271507 0.829638
0.005639 0.799038 149.149106 0.829638
0.32459 2.032618 124.271507 0.829638
0.005639 0.179428 59.513682
0.48689 2.032618 124.271507 0.829638
0.005639 0.572765 4.646787
0.64919 2.032618 124.271507 0.829638
0.005639 0.974488 63.891540

COMB DB-G2-2 MIN

REL DIST T P M2 M3 V3
0.00000 -11.18785 -19.983469 -0.660907
-0.005775 -0.615458 -0.736323
0.16230 -11.18785 -19.983469 -0.660907
-0.005775 -0.219183 -24.244939
0.32459 -11.18785 -19.983469 -0.660907
-0.005775 -0.222554 -47.849589
0.48689 -11.18785 -19.983469 -0.660907
-0.005775 -0.717678 -81.547111
0.64919 -11.18785 -19.983469 -0.660907
-0.005775 -1.212745 -153.309943

COMB DB-G2-3 MAX

REL DIST T P M2 M3 V3
0.00000 4.683455 132.943501 0.829706
0.005584 0.797150 161.952762
0.16230 4.683455 132.943501 0.829706
0.005584 0.298099 118.162983
0.32459 4.683455 132.943501 0.829706
0.005584 0.19135 86.882260
0.48689 4.683455 132.943501 0.829706
0.005584 0.576630 95.944243
0.64919 4.683455 132.943501 0.829706
0.005584 0.974020 112.939882

COMB DB-G2-3 MIN

REL DIST T P M2 M3 V3
0.00000 -11.843453 -37.274142 -0.660724
-0.006271 -0.184665 -0.709090
0.16230 -11.843453 -37.274142 -0.660724
-0.006271 -0.219205 -22.297562
0.32459 -11.843453 -37.274142 -0.660724
-0.006271 -0.220779 -44.646787
0.48689 -11.843453 -37.274142 -0.660724
-0.006271 -0.718355 -89.770084
0.64919 -11.843453 -37.274142 -0.660724
-0.006271 -1.213727 -161.175585

COMB DB-G1-1 MAX

REL DIST T P M2 M3 V3
0.00000 8.154496 7.659231 0.201181
0.000445 0.187103 2.162712
0.16230 8.154496 7.659231 0.201181
0.000445 0.065883 32.693339
0.32459 8.154496 7.659231 0.201181
0.000445 0.041378 64.220314
0.48689 8.154496 7.659231 0.201181
0.000445 0.142204 95.875339
0.64919 8.154496 7.659231 0.201181
0.000445 0.242702 127.591283

COMB DB-G1-1 MIN

REL DIST T P M2 M3 V3

0.00000 -1.262153 -52.801263 -0.166711
0.001352 -0.156990 -4.225852
0.16230 -1.262153 -52.801263 -0.166711
-0.001352 -0.056200 -6.597408
0.32459 -1.262153 -52.801263 -0.166711
0.001352 -0.054374 -10.956623
0.00493 -1.262153 -52.801263 -0.166711
-0.001352 -0.175793 -15.455506
0.64919 -1.262153 -52.801263 -0.166711
0.001352 -0.296657 -20.016260
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 MAX

REL DIST T P M2 M3 V3
0.00000 10.083367 98.807620 0.507849
0.004313 0.500698 93.891011
0.16230 10.083367 98.807620 0.507849
0.004313 0.195034 175.962721
0.32459 10.083367 98.807620 0.507849
0.004313 0.106591 61.106591
0.48689 10.083367 98.807620 0.507849
0.004313 0.352244 184.409889
0.64919 10.083367 98.807620 0.507849
0.004313 0.598562 223.438045

COMB DL-G1-2 MIN

REL DIST T P M2 M3 V3
0.00000 -7.323024 -70.188771 -0.409778
-0.007050 -0.385565 -0.019585
0.16230 -7.323024 -70.188771 -0.409778
-0.007050 -0.145073 -2.612837
0.32459 -7.323024 -70.188771 -0.409778
-0.007050 -0.133797 -10.308925
0.48689 -7.323024 -70.188771 -0.409778
-0.007050 -0.434096 -36.181970
0.64919 -7.323024 -70.188771 -0.409778
-0.007050 -0.734867 -93.192448

COMB DL-G1-3 MAX

REL DIST T P M2 M3 V3
0.00000 10.386372 118.487064 1.041113
0.004332 0.992933 188.924417
0.16230 10.386372 118.487064 1.041113
0.004332 0.360018 78.408362
0.32459 10.386372 118.487064 1.041113
0.004332 0.233228 175.982553
0.48689 10.386372 118.487064 1.041113
0.004332 0.762573 207.141505
0.64919 10.386372 118.487064 1.041113
0.004332 1.291998 251.439300

COMB DL-G1-3 MIN

REL DIST T P M2 M3 V3
0.00000 -11.675116 -78.408362 -0.880077
-0.006075 -0.822469 -0.021562
0.16230 -11.675116 -78.408362 -0.880077
-0.006075 -0.297358 -12.526404
0.32459 -11.675116 -78.408362 -0.880077
-0.006075 -0.278198 -40.081485
0.48689 -11.675116 -78.408362 -0.880077
-0.006075 -0.300409 -83.184909
0.64919 -11.675116 -78.408362 -0.880077
-0.006075 -1.522915 -152.377572

COMB DL-G2-1 MAX

REL DIST T P M2 M3 V3
0.00000 0.913215 60.085678 0.765551
0.001318 0.741225 1.346444
0.16230 0.913215 60.085678 0.765551
0.001318 0.253610 2.777106
0.32459 0.913215 60.085678 0.765551
0.001318 0.180864 5.244460
0.48689 0.913215 60.085678 0.765551
0.001318 0.586017 7.828415
0.64919 0.913215 60.085678 0.765551
0.001318 0.990621 10.475280

COMB DL-G2-1 MIN

REL DIST T P M2 M3 V3
0.00000 -8.585836 -4.473089 -0.672358
-0.000424 -0.625929 -25.761582
0.16230 -8.585836 -4.473089 -0.672358
-0.000424 -0.220876 -56.673659
0.32459 -8.585836 -4.473089 -0.672358
-0.000424 -0.206297 -92.365020
0.48689 -8.585836 -4.473089 -0.672358
-0.000424 -0.666947 -128.336817
0.64919 -8.585836 -4.473089 -0.672358
-0.000424 -1.127355 -164.473666
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 MAX

REL DIST T P M2 M3 V3
0.00000 2.391253 145.332432 1.200156
0.004962 1.144894 183.87243
0.16230 2.391253 145.332432 1.200156
0.004962 0.422871 124.950399
0.32459 2.391253 145.332432 1.200156
0.004962 0.277169 86.11988
0.48689 2.391253 145.332432 1.200156
0.004962 0.897744 82.512997
0.64919 2.391253 145.332432 1.200156
0.004962 1.517982 93.003417

COMB DL-G2-2 MIN

REL DIST T P M2 M3 V3
0.00000 -14.976332 -22.159168 -0.131508
-0.005331 -0.962003 -1.338498
0.16230 -14.976332 -22.159168 -0.131508
-0.005331 -0.346813 -41.348802
0.32459 -14.976332 -22.159168 -0.131508
-0.005331 -0.320481 -81.320481
0.48689 -14.976332 -22.159168 -0.131508
-0.005331 -1.037311 -138.288705
0.64919 -14.976332 -22.159168 -0.131508
-0.005331 -1.754815 -223.580996

COMB DL-G2-3 MAX

REL DIST T P M2 M3 V3
0.00000 7.088083 148.423287 1.236812
0.004843 1.76294 185.534601
0.16230 7.088083 148.423287 1.236812
0.004843 0.432026 158.439594
0.32459 7.088083 148.423287 1.236812
0.004843 0.281946 137.975553
0.48689 7.088083 148.423287 1.236812
0.004843 0.916067 151.337922
0.64919 7.088083 148.423287 1.236812
0.004843 1.549936 178.556372

COMB DL-G2-3 MIN

REL DIST T P M2 M3 V3

0.00000 -15.003325 -50.613203 -1.053871
-0.005968 -0.982993 -1.74318
0.16230 -15.003325 -50.613203 -1.053871
-0.005968 -0.353382 -37.773464
0.32459 -15.003325 -50.613203 -1.053871
-0.005968 -0.331061 76.477185
0.48689 -15.003325 -50.613203 -1.053871
-0.005968 -1.070605 -136.530666
0.64919 -15.003325 -50.613203 -1.053871
-0.005968 -1.810495 -223.296778

COMB DB DESIGN MAX

REL DIST T P M2 M3 V3
0.00000 6.596553 132.943501 0.829706
0.005639 0.799038 170.229630
0.16230 6.596553 132.943501 0.829706
0.005639 0.300066 141.548171
0.32459 6.596553 132.943501 0.829706
0.005639 0.179428 126.420052
0.48689 6.596553 132.943501 0.829706
0.005639 0.577001 149.187900
0.64919 6.596553 132.943501 0.829706
0.005639 0.974488 179.423371

COMB DB MIN

REL DIST T P M2 M3 V3
0.00000 -11.843453 -58.600562 -0.660907
-0.007077 -0.615465 -16.542486
0.16230 -11.843453 -58.600562 -0.660907
-0.007077 -0.212005 -27.139305
0.32459 -11.843453 -58.600562 -0.660907
-0.007077 -0.222870 -47.849589
0.48689 -11.843453 -58.600562 -0.660907
-0.007077 -0.718355 -89.770084
0.64919 -11.843453 -58.600562 -0.660907
-0.007077 -1.213727 -161.175585
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL DESIGN MAX

REL DIST T P M2 M3 V3
0.00000 10.386372 148.423287 1.236812
0.004962 1.176294 193.881011
0.16230 10.386372 148.423287 1.236812
0.004962 0.432026 176.500175
0.32459 10.386372 148.423287 1.236812
0.004962 0.281946 175.982553
0.48689 10.386372 148.423287 1.236812
0.004962 0.916067 207.141505
0.64919 10.386372 148.423287 1.236812
0.004962 1.549936 251.439300

COMB DL MIN

REL DIST T P M2 M3 V3
0.00000 -15.003325 -78.408362 -1.053871
-0.007050 -0.982993 -25.741582
0.16230 -15.003325 -78.408362 -1.053871
-0.007050 -0.353382 -56.673659
0.32459 -15.003325 -78.408362 -1.053871
-0.007050 -0.331061 -92.368360
0.48689 -15.003325 -78.408362 -1.053871
-0.007050 -1.070605 -138.288705
0.64919 -15.003325 -78.408362 -1.053871
-0.007050 -1.810495 -223.580996

COMB CAR MAX

REL DIST T P M2 M3 V3
0.00000 10.386372 148.423287 1.236812
0.005639 1.176294 193.881011
0.16230 10.386372 148.423287 1.236812
0.005639 0.432026 176.500175
0.32459 10.386372 148.423287 1.236812
0.005639 0.281946 175.982553
0.48689 10.386372 148.423287 1.236812
0.005639 0.916067 207.141505
0.64919 10.386372 148.423287 1.236812
0.005639 1.549936 251.439300

COMB CAR MIN

REL DIST T P M2 M3 V3
0.00000 -15.003325 -78.408362 -1.053871
-0.007077 -0.982993 -25.741582
0.16230 -15.003325 -78.408362 -1.053871
-0.007077 -0.353382 -56.673659
0.32459 -15.003325 -78.408362 -1.053871
-0.007077 -0.331061 -92.368360
0.48689 -15.003325 -78.408362 -1.053871
-0.007077 -1.070605 -138.288705
0.64919 -15.003325 -78.408362 -1.053871
-0.007077 -1.810495 -223.580996

COMB DESIGN MAX

REL DIST T P M2 M3 V3
0.00000 10.386372 148.423287 1.236812
0.005639 1.76294 185.534601
0.16230 10.386372 148.423287 1.236812
0.005639 0.432026 176.500175
0.32459 10.386372 148.423287 1.236812
0.005639 0.281946 175.982553
0.48689 10.386372 148.423287 1.236812
0.005639 0.916067 207.141505
0.64919 10.386372 148.423287

0.00000 -10.453382 -4.722487 -0.779594
0.000898 -0.758376 -25.151269
0.16233 -10.453382 -4.722487 -0.779594
0.000898 -0.288301 -60.939229
0.32467 -10.453382 -4.722487 -0.779594
0.000898 -0.177153 -101.205456
0.48700 -10.453382 -4.722487 -0.779594
0.000898 -0.640679 -141.696223
0.64934 -10.453382 -4.722487 -0.779594
0.000898 -1.104085 -182.290144
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 1.579662 147.631282 1.191558
0.004195 1.181040 155.235344
0.16233 1.579662 147.631282 1.191558
0.004195 0.450602 116.501292
0.32467 1.579662 147.631282 1.191558
0.004195 0.283364 173.745725
0.48700 1.579662 147.631282 1.191558
0.004195 1.009339 76.915203
0.64934 1.579662 147.631282 1.191558
0.004195 1.742630 87.216021

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -16.882788 -21.510770 -1.217116
0.004176 -1.185757 -1.140414
0.16233 -16.882788 -21.510770 -1.217116
0.004176 -0.457565 -44.966491
0.32467 -16.882788 -21.510770 -1.217116
0.004176 -0.273703 -89.339688
0.48700 -16.882788 -21.510770 -1.217116
0.004176 -0.989041 -149.379840
0.64934 -16.882788 -21.510770 -1.217116
0.004176 -1.706354 -236.054077

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 7.253777 145.664245 1.211098
0.004452 1.181040 177.661828
0.16233 7.253777 145.664245 1.211098
0.004452 0.457455 116.501292
0.32467 7.253777 145.664245 1.211098
0.004452 0.283364 173.745725
0.48700 7.253777 145.664245 1.211098
0.004452 1.034181 76.915203
0.64934 7.253777 145.664245 1.211098
0.004452 1.786455 87.216021

COMB DL-G2-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -15.955263 -51.669162 -1.248006
0.004435 -1.215825 -1.002814
0.16233 -15.955263 -51.669162 -1.248006
0.004435 -0.467679 -41.073365
0.32467 -15.955263 -51.669162 -1.248006
0.004435 -0.277655 -82.516842
0.48700 -15.955263 -51.669162 -1.248006
0.004435 -1.005095 -140.993136
0.64934 -15.955263 -51.669162 -1.248006
0.004435 -1.734161 -224.958523

COMB DB ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 6.421419 104.889266 0.797470
0.005210 0.775946 144.150212
0.16233 6.421419 104.889266 0.797470
0.005210 0.299940 122.607119
0.32467 6.421419 104.889266 0.797470
0.005210 0.184027 151.959169
0.48700 6.421419 104.889266 0.797470
0.005210 0.664628 76.915203
0.64934 6.421419 104.889266 0.797470
0.005210 1.145158 87.216021

COMB DB ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -10.530014 -51.763651 -0.798458
0.005213 -1.215825 -1.002814
0.16233 -10.530014 -51.763651 -0.798458
0.005213 -0.467679 -41.073365
0.32467 -10.530014 -51.763651 -0.798458
0.005213 -0.277655 -82.516842
0.48700 -10.530014 -51.763651 -0.798458
0.005213 -1.005095 -140.993136
0.64934 -10.530014 -51.763651 -0.798458
0.005213 -1.734161 -224.958523

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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 12.163278 147.631282 1.211098
0.005210 1.181040 184.839836
0.16233 12.163278 147.631282 1.211098
0.005210 0.457455 174.891458
0.32467 12.163278 147.631282 1.211098
0.005210 0.283364 173.745725
0.48700 12.163278 147.631282 1.211098
0.005210 1.034181 208.662732
0.64934 12.163278 147.631282 1.211098
0.005210 1.786455 254.769880

COMB DL ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -16.882788 -21.510770 -1.248006
0.004521 -1.185757 -1.140414
0.16233 -16.882788 -21.510770 -1.248006
0.004521 -0.467679 -60.939229
0.32467 -16.882788 -21.510770 -1.248006
0.004521 -0.277655 -101.205456
0.48700 -16.882788 -21.510770 -1.248006
0.004521 -1.005095 -149.379840
0.64934 -16.882788 -21.510770 -1.248006
0.004521 -1.734161 -236.054077

COMB CAR ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 12.163278 147.631282 1.211098
0.005210 1.181040 184.839836
0.16233 12.163278 147.631282 1.211098
0.005210 0.457455 174.891458
0.32467 12.163278 147.631282 1.211098
0.005210 0.283364 173.745725
0.48700 12.163278 147.631282 1.211098
0.005210 1.034181 208.662732
0.64934 12.163278 147.631282 1.211098
0.005210 1.786455 254.769880

COMB CAR ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 12.163278 147.631282 1.211098
0.005210 1.181040 184.839836
0.16233 12.163278 147.631282 1.211098
0.005210 0.457455 174.891458
0.32467 12.163278 147.631282 1.211098
0.005210 0.283364 173.745725
0.48700 12.163278 147.631282 1.211098
0.005210 1.034181 208.662732
0.64934 12.163278 147.631282 1.211098
0.005210 1.786455 254.769880

0.00000 -16.882788 -81.271517 -1.248006
0.005213 -1.215825 -1.002814
0.16233 -16.882788 -81.271517 -1.248006
0.005213 -0.467679 -60.939229
0.32467 -16.882788 -81.271517 -1.248006
0.005213 -0.277655 -101.205456
0.48700 -16.882788 -81.271517 -1.248006
0.005213 -1.005095 -149.379840
0.64934 -16.882788 -81.271517 -1.248006
0.005213 -1.734161 -236.054077

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V2 V3

0.00000 12.163278 147.631282 1.211098
0.005210 1.181040 184.839836
0.16233 12.163278 147.631282 1.211098
0.005210 0.457455 174.891458
0.32467 12.163278 147.631282 1.211098
0.005210 0.283364 173.745725
0.48700 12.163278 147.631282 1.211098
0.005210 1.034181 208.662732
0.64934 12.163278 147.631282 1.211098
0.005210 1.786455 254.769880

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -16.882788 -81.271517 -1.248006
0.005213 -1.215825 -1.002814
0.16233 -16.882788 -81.271517 -1.248006
0.005213 -0.467679 -60.939229
0.32467 -16.882788 -81.271517 -1.248006
0.005213 -0.277655 -101.205456
0.48700 -16.882788 -81.271517 -1.248006
0.005213 -1.005095 -149.379840
0.64934 -16.882788 -81.271517 -1.248006
0.005213 -1.734161 -236.054077

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FRAME ELEMENT INTERNAL FORCES

ELEM 149 ----- LENGTH = 3.705901

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 3.507901 192.065266 0.082304
0.0051309 0.4639365 5.6611464 0.082304
0.001246 0.121196 11.054270 0.082304
0.0051309 0.4639365 5.6611464 0.082304
0.001246 0.071625 7.668127 0.082304
0.0051309 0.4639365 5.6611464 0.082304
0.001246 0.022044 4.305012 0.082304
0.0051309 0.4639365 5.6611464 0.082304
0.001246 0.044451 1.855535 0.082304
0.0051309 0.4639365 5.6611464 0.082304
0.001246 0.123178 1.447022 0.082304

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.098022 -31.344425 -0.130849
0.0051309 -0.191635 -77.929244 -0.130849
0.001246 -0.198022 -31.344425 -0.130849
0.0051309 -0.198022 -31.344425 -0.130849
0.001246 -0.112942 -55.709215 -0.130849
0.0051309 -0.198022 -31.344425 -0.130849
0.001246 -0.034238 -37.073529 -0.130849
0.0051309 -0.198022 -31.344425 -0.130849
0.001246 -0.027162 -18.662939 -0.130849
0.0051309 -0.198022 -31.344425 -0.130849
0.001246 -0.076749 -3.240337 -0.130849

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 3.507901 192.065266 0.082304
0.0051309 0.4639365 5.6611464 0.082304
0.001246 0.121196 11.054270 0.082304
0.0051309 0.4639365 5.6611464 0.082304
0.001246 0.071625 7.668127 0.082304
0.0051309 0.4639365 5.6611464 0.082304
0.001246 0.022044 4.305012 0.082304
0.0051309 0.4639365 5.6611464 0.082304
0.001246 0.044451 1.855535 0.082304
0.0051309 0.4639365 5.6611464 0.082304
0.001246 0.123178 1.447022 0.082304

COMB DB-G1-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -2.628650 -126.925583 -0.317169
0.006231 -0.457396 142.578988 -0.317169
0.00000 -2.628650 -126.925583 -0.317169
0.006231 -0.270221 -75.336649 -0.317169
0.00000 -2.628650 -126.925583 -0.317169
0.006231 -0.083003 -31.524826 -0.317169
0.00000 -2.628650 -126.925583 -0.317169
0.006231 -0.073148 -18.856243 -0.317169
0.00000 -2.628650 -126.925583 -0.317169
0.006231 -0.201896 -0.020026 -0.317169

COMB DB-G1-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.293241 44.586423 0.539821
0.005422 0.794469 136.286236 0.539821
0.001309 0.293241 44.586423 0.539821
0.005422 0.463936 5.661146 0.539821
0.001309 0.293241 44.586423 0.539821
0.005422 0.144827 100.159384 0.539821
0.001309 0.293241 44.586423 0.539821
0.005422 0.247365 124.734784 0.539821
0.00000 0.293241 44.586423 0.539821
0.005422 0.855087 160.667000 0.539821

COMB DB-G1-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -5.547408 -123.779722 -0.677818
0.006158 -0.990588 -144.065410 -0.677818
0.001309 -5.547408 -123.779722 -0.677818
0.006158 -0.586151 -77.737585 -0.677818
0.001309 -5.547408 -123.779722 -0.677818
0.006158 -0.181390 -35.870627 -0.677818
0.001309 -5.547408 -123.779722 -0.677818
0.006158 -0.005095 -149.379840 -0.677818
0.001309 -5.547408 -123.779722 -0.677818
0.006158 -0.005095 -149.379840 -0.677818

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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3

0.00000 12.163278 147.631282 1.211098
0.005210 1.181040 184.839836
0.16233 12.163278 147.631282 1.211098
0.005210 0.457455 174.891458
0.32467 12.163278 147.631282 1.211098
0.005210 0.283364 173.745725
0.48700 12.163278 147.631282 1.211098
0.005210 1.034181 208.662732
0.64934 12.163278 147.631282 1.211098
0.005210 1.786455 254.769880

COMB DB-G2-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 12.163278 147.631282 1.211098
0.005210 1.181040 184.839836
0.16233 12.163278 147.631282 1.211098
0.005210 0.457455 174.891458
0.32467 12.163278 147.631282 1.211098
0.005210 0.283364 173.745725
0.48700 12.163278 147.631282 1.211098
0.005210 1.034181 208.662732
0.64934 12.163278 147.631282 1.211098
0.005210 1.786455 254.769880

0.000469 0.479720 0.925671
COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V2 V3
0.35079 -2.685630 -2.355836 -0.515137
-0.001209 -0.759663 -10.089643 -0.515137
0.51309 -0.485836 -2.355836 -0.515137
-0.001209 -0.449824 -11.320856 -0.515137
-0.001209 -0.139984 -12.907637 -0.515137
0.83770 -0.485836 -2.355836 -0.515137
-0.001209 -0.155187 -14.746288 -0.515137
-0.001209 -0.689332 -16.538496 -0.515137

COMB DB-G2-2 ----- MAX

REL DIST T P M2 M3 V2 V3

0.35079 6.193830 50.147267 0.675372
0.004845 0.933765 135.946456 0.675372
0.51309 6.193830 50.147267 0.675372
0.004845 0.587545 111.352863 0.675372
0.67540 6.193830 50.147267 0.675372
0.004845 0.181280 94.932624 0.675372
0.83770 6.193830 50.147267 0.675372
0.004845 0.289502 121.346643 0.675372
0.004845 6.193830 50.147267 0.675372
0.004845 0.771039 148.932613 0.675372

COMB DB-G2-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.35079 -6.343023 -93.432177 -0.800682
0.51309 -0.933765 -135.946456 -0.800682
0.51309 -6.343023 -93.432177 -0.800682
-0.006786 -0.694127 -31.074425 -0.800682
0.67540 -6.343023 -93.432177 -0.800682
0.006786 -0.181280 -94.932624 -0.800682
0.83770 -6.343023 -93.432177 -0.800682
-0.006786 -0.226324 -5.048708 -0.800682
1.00000 -6.343023 -93.432177 -0.800682
-0.006786 -0.631113 -0.721149 -0.800682

COMB DB-G2-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.35079 8.568853 64.314097 0.677880
0.005227 0.997572 192.065266 0.677880
0.51309 8.568853 64.314097 0.677880
0.005227 0.589760 158.571646 0.677880
0.67540 8.568853 64.314097 0.677880
0.005227 0.181977 132.697773 0.677880
0.006786 8.568853 64.314097 0.677880
0.005227 0.289710 146.748838 0.677880
1.00000 8.568853 64.314097 0.677880
0.005227 0.775338 161.731153 0.677880

COMB DB-G2-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.35079 -7.411849 -105.796369 -0.807242
-0.006538 -1.182744 -110.549124 -0.807242
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3

0.35079 -11.150017 -143.082242 -1.259915
0.006660 -1.845262 -196.598150
0.51309 -11.150017 -143.082242 -1.259915
-0.006660 -1.090723 -113.028058
0.67540 -11.150017 -143.082242 -1.259915
0.006660 -0.334618 -63.809885
0.83770 -11.150017 -143.082242 -1.259915
-0.006660 -0.351985 -32.333663
1.00000 -11.150017 -143.082242 -1.259915
-0.006660 -0.971613 -25.697003

COMB CAR ----- MAX
REL DIST P M2 M3 V3
0.35079 14.365694 87.739745 1.038160
0.005958 1.526495 268.813203
0.51309 14.365694 87.739745 1.038160
0.005958 0.902493 218.962569
0.67540 14.365694 87.739745 1.038160
0.005958 0.279173 182.632158
0.83770 14.365694 87.739745 1.038160
0.005958 0.405981 178.975750
1.00000 14.365694 87.739745 1.038160
0.005958 1.195994 193.839750
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNA
L FORCES

COMB CAR ----- MIN
REL DIST P M2 M3 V3
0.35079 -11.150017 -143.082242 -1.259915
0.006786 -1.845262 -196.598150
0.51309 -11.150017 -143.082242 -1.259915
-0.006786 -1.090723 -113.028058
0.67540 -11.150017 -143.082242 -1.259915
0.006786 -0.334618 -63.809885
0.83770 -11.150017 -143.082242 -1.259915
-0.006786 -0.351985 -32.333663
1.00000 -11.150017 -143.082242 -1.259915
-0.006786 -0.971613 -25.697003

COMB DESIGN ----- MAX
REL DIST P M2 M3 V3
0.35079 14.365694 87.739745 1.038160
0.005958 1.526495 268.813203
0.51309 14.365694 87.739745 1.038160
0.005958 0.902493 218.962569
0.67540 14.365694 87.739745 1.038160
0.005958 0.279173 182.632158
0.83770 14.365694 87.739745 1.038160
0.005958 0.405981 178.975750
1.00000 14.365694 87.739745 1.038160
0.005958 1.195994 193.839750

COMB DESIGN ----- MIN
REL DIST P M2 M3 V3
0.35079 -11.150017 -143.082242 -1.259915
0.006786 -1.845262 -196.598150
0.51309 -11.150017 -143.082242 -1.259915
-0.006786 -1.090723 -113.028058
0.67540 -11.150017 -143.082242 -1.259915
0.006786 -0.334618 -63.809885
0.83770 -11.150017 -143.082242 -1.259915
-0.006786 -0.351985 -32.333663
1.00000 -11.150017 -143.082242 -1.259915
-0.006786 -0.971613 -25.697003

ELEM 150 ===== LENGTH
= 3.706925

COMB DB-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.000000 4.642508 5.464637 0.099915
0.001206 4.642508 5.464637 0.099915
0.162333 4.642508 5.464637 0.099915
0.001206 0.035859 19.718707 0.099915
0.32465 4.642508 5.464637 0.099915
0.001206 0.033105 38.467109 0.099915
0.48698 4.642508 5.464637 0.099915
0.001206 0.107521 57.225420 0.099915
0.64931 4.642508 5.464637 0.099915
0.001206 0.181575 76.009205

COMB DB-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.000000 -1.098132 -31.227854 -0.123094
0.000472 -0.14708 3.242588 -0.123094
0.162333 -1.098132 -31.227854 -0.123094
-0.000472 -0.404616 6.094546 -0.123094
0.32465 -1.098132 -31.227854 -0.123094
0.000472 -0.024339 9.197807 -0.123094
0.48698 -1.098132 -31.227854 -0.123094
-0.000472 -0.084454 -12.424717 -0.123094
0.64931 -1.098132 -31.227854 -0.123094
-0.000472 -0.144583 -15.693779

COMB DB-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.000000 5.821302 104.421216 0.218176
0.007073 0.206424 170.278389
0.162333 5.821302 104.421216 0.218176
0.007073 0.008788 11.277458
0.32465 5.821302 104.421216 0.218176
0.007073 0.082780 102.166162
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 M3 V3
0.48698 5.821302 104.421216 0.218176
0.007073 0.265937 115.938656
0.64931 5.821302 104.421216 0.218176
0.007073 0.449066 138.719884

COMB DB-G1-2 ----- MIN
REL DIST P M2 M3 V3
0.000000 -0.207556 -52.796900 -0.223659
0.162333 -1.267551 -52.796900 -0.223659
0.32465 -1.267551 -52.796900 -0.223659
0.000446 -0.400037 -10.94833 -0.223659
0.48698 -1.267551 -52.796900 -0.223659
-0.000446 -0.135606 -15.446477 -0.223659
0.64931 -1.267551 -52.796900 -0.223659
-0.000446 -0.230942 -20.007335 -0.223659
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.000000 -1.267551 -52.796900 -0.223659
0.162333 -1.267551 -52.796900 -0.223659
0.32465 -1.267551 -52.796900 -0.223659
0.000446 -0.400037 -10.94833 -0.223659
0.48698 -1.267551 -52.796900 -0.223659
-0.000446 -0.135606 -15.446477 -0.223659
0.64931 -1.267551 -52.796900 -0.223659
-0.000446 -0.230942 -20.007335 -0.223659
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.000000 -1.267551 -52.796900 -0.223659
0.162333 -1.267551 -52.796900 -0.223659
0.32465 -1.267551 -52.796900 -0.223659
0.000446 -0.400037 -10.94833 -0.223659
0.48698 -1.267551 -52.796900 -0.223659
-0.000446 -0.135606 -15.446477 -0.223659
0.64931 -1.267551 -52.796900 -0.223659
-0.000446 -0.230942 -20.007335 -0.223659
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.000000 -1.267551 -52.796900 -0.223659
0.162333 -1.267551 -52.796900 -0.223659
0.32465 -1.267551 -52.796900 -0.223659
0.000446 -0.400037 -10.94833 -0.223659
0.48698 -1.267551 -52.796900 -0.223659
-0.000446 -0.135606 -15.446477 -0.223659
0.64931 -1.267551 -52.796900 -0.223659
-0.000446 -0.230942 -20.007335 -0.223659
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.000000 -1.267551 -52.796900 -0.223659
0.162333 -1.267551 -52.796900 -0.223659
0.32465 -1.267551 -52.796900 -0.223659
0.000446 -0.400037 -10.94833 -0.223659
0.48698 -1.267551 -52.796900 -0.223659
-0.000446 -0.135606 -15.446477 -0.223659
0.64931 -1.267551 -52.796900 -0.223659
-0.000446 -0.230942 -20.007335 -0.223659
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L FORCES

REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.000000 -1.267551 -52.796900 -0.223659
0.162333 -1.267551 -52.796900 -0.223659
0.32465 -1.267551 -52.796900 -0.223659
0.000446 -0.400037 -10.94833 -0.223659
0.48698 -1.267551 -52.796900 -0.223659
-0.000446 -0.135606 -15.446477 -0.223659
0.64931 -1.267551 -52.796900 -0.223659
-0.000446 -0.230942 -20.007335 -0.223659
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MAX
REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

COMB DB-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.000000 -1.267551 -52.796900 -0.223659
0.162333 -1.267551 -52.796900 -0.223659
0.32465 -1.267551 -52.796900 -0.223659
0.000446 -0.400037 -10.94833 -0.223659
0.48698 -1.267551 -52.796900 -0.223659
-0.000446 -0.135606 -15.446477 -0.223659
0.64931 -1.267551 -52.796900 -0.223659
-0.000446 -0.230942 -20.007335 -0.223659
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 M3 V3
0.000000 6.583843 132.895696 0.531581
0.006199 0.498080 160.926132
0.162333 6.583843 132.895696 0.531581
0.006199 0.179324 141.528656
0.32465 6.583843 132.895696 0.531581
0.006199 0.185202 126.403365
0.48698 6.583843 132.895696 0.531581
0.006199 0.596441 149.163002
0.64931 6.583843 132.895696 0.531581

0.006199 1.007648 179.401306
COMB DB-G1-3 ----- MIN
REL DIST P M2 M3 V3
0.000000 -9.717636 -58.582539 -0.688785
0.005031 -0.664811 -0.018938
0.162333 -9.717636 -58.582539 -0.688785
0.005031 -0.250352 -9.316344
0.32465 -9.717636 -58.582539 -0.688785
0.005031 -0.143728 -28.164667
0.48698 -9.717636 -58.582539 -0.688785
0.005031 -0.462720 -62.655848
0.64931 -9.717636 -58.582539 -0.688785
0.005031 -0.781612 -121.069252

COMB DB-G2-1 ----- MAX
REL DIST P M2 M3 V3
0.000000 0.831533 33.872422 0.452595
0.000461 0.421753 0.327031
0.162333 0.831533 33.872422 0.452595
0.000461 0.149411 1.506711
0.32465 0.831533 33.872422 0.452595
0.000461 0.12130 2.769074
0.48698 0.831533 33.872422 0.452595
0.000461 0.468661 4.128148
0.64931 0.831533 33.872422 0.452595
0.000461 0.782172 5.505535

COMB DB-G2-1 ----- MIN
REL DIST P M2 M3 V3
0.000000 -4.835533 -2.313745 -0.537638
0.000126 -0.501898 -2.313745 -0.537638
0.162333 -4.835533 -2.313745 -0.537638
0.000126 -0.178384 -2.313745 -0.537638
0.32465 -4.835533 -2.313745 -0.537638
0.000126 -0.122919 -2.313745 -0.537638
0.48698 -4.835533 -2.313745 -0.537638
0.000126 -0.395269 -66.934185
0.64931 -4.835533 -2.313745 -0.537638
0.000126 -0.667610 -87.199112

REL	DIS	P	M2	M3	V2	V3
0.35074	-6.800248	-128.800647	-0.387910			
-0.006553	-0.558457	-135.471129				
0.51305	-6.800248	-128.800647	-0.387910			
-0.006553	-0.332222	-63.969361	-0.387910			
0.67537	-6.800248	-128.800647	-0.387910			
-0.006553	-0.120920	-29.866720	-0.387910			
0.83768	-6.800248	-128.800647	-0.387910			
-0.006553	-0.094910	-50.304338	-0.387910			
1.00000	-6.800248	-128.800647	-0.387910			
-0.006553	-0.159148	-0.029494				

REL	DIS	P	M2	M3	V2	V3
0.35074	11.839594	60.393561	0.437980			
-0.007102	0.664255	175.913481				
0.51305	11.839594	60.393561	0.437980			
-0.007102	0.400707	140.693570				
0.67537	11.839594	60.393561	0.437980			
-0.007102	0.137014	121.42634	0.437980			
0.83768	11.839594	60.393561	0.437980			
-0.007102	0.227753	139.369818	0.437980			
1.00000	11.839594	60.393561	0.437980			
-0.007102	0.656556	171.793134				

REL	DIS	P	M2	M3	V2	V3
0.35074	-7.964967	-141.089961	-0.713518			
-0.006522	-1.060521	-175.080257	-0.713518			
0.51305	-7.964967	-141.089961	-0.713518			
-0.006522	-0.637189	-95.253426	-0.713518			
0.67537	-7.964967	-141.089961	-0.713518			
-0.006522	-0.226229	-68.427293	-0.713518			
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REL	DIS	P	M2	M3	V2	V3
0.83768	-7.964967	-141.089961	-0.713518			
-0.006522	-0.404117	-173.919267	-0.713518			
1.00000	-7.964967	-141.089961	-0.713518			
-0.006522	-0.389638	-60.024834				

REL	DIS	P	M2	M3	V2	V3
0.35074	4.598181	26.786681	0.383665			
1.34E-05	-0.581017	80.009213				
0.51305	4.598181	26.786681	0.383665			
1.34E-05	0.350197	43.959294	0.383665			
0.67537	4.598181	26.786681	0.383665			
1.34E-05	0.136959	67.937308	0.383665			
0.83768	4.598181	26.786681	0.383665			
1.34E-05	0.133610	12.057697	0.383665			
1.00000	4.598181	26.786681	0.383665			
1.34E-05	0.420390	0.931510				

REL	DIS	P	M2	M3	V2	V3
0.35074	-2.588078	-18.727433	-0.476802			
-0.001383	-0.287123	-61.818448	-0.476802			
0.51305	-2.588078	-18.727433	-0.476802			
-0.001383	-0.440275	-50.166701	-0.476802			
0.67537	-2.588078	-18.727433	-0.476802			
-0.001383	-0.534393	-38.973257	-0.476802			
0.83768	-2.588078	-18.727433	-0.476802			
-0.001383	-0.111448	-27.804975	-0.476802			
1.00000	-2.588078	-18.727433	-0.476802			
-0.001383	-0.342262	-16.886152				

REL	DIS	P	M2	M3	V2	V3
0.35074	11.616450	39.978766	0.527764			
0.006412	0.799641	114.857259	0.527764			
0.51305	11.616450	39.978766	0.527764			
0.006412	0.482089	91.98644	0.527764			
0.67537	11.616450	39.978766	0.527764			
0.006412	0.164518	86.966369	0.527764			
0.83768	11.616450	39.978766	0.527764			
0.006412	0.245109	123.306477	0.527764			
1.00000	11.616450	39.978766	0.527764			
0.006412	0.709347	160.999718				

REL	DIS	P	M2	M3	V2	V3
0.35074	-3.667600	-127.365398	-0.772567			
-0.007791	-1.149889	-148.874781	-0.772567			
0.51305	-3.667600	-127.365398	-0.772567			
-0.007791	-0.651781	-77.947684	-0.772567			
0.67537	-3.667600	-127.365398	-0.772567			
-0.007791	-0.247628	-41.689717	-0.772567			
0.83768	-3.667600	-127.365398	-0.772567			
-0.007791	-0.169005	-22.871650	-0.772567			
1.00000	-3.667600	-127.365398	-0.772567			
-0.007791	-0.470357	-0.673180				

REL	DIS	P	M2	M3	V2	V3
0.35074	12.243121	69.893401	0.550334			
0.006814	0.834349	209.095671	0.550334			
0.51305	12.243121	69.893401	0.550334			
0.006814	0.503215	168.147718	0.550334			
0.67537	12.243121	69.893401	0.550334			
0.006814	0.171926	143.838226	0.550334			
0.83768	12.243121	69.893401	0.550334			
0.006814	0.253629	158.081480	0.550334			
1.00000	12.243121	69.893401	0.550334			
0.006814	0.737259	173.442291				

REL	DIS	P	M2	M3	V2	V3
0.35074	-7.595120	-132.877917	-0.804723			
-0.007204	-1.199353	-166.158121	-0.804723			
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REL	DIS	P	M2	M3	V2	V3
0.51305	-7.595120	-132.877917	-0.804723			
-0.007204	-0.721445	-91.863125	-0.804723			
0.67537	-7.595120	-132.877917	-0.804723			
-0.007204	-0.256541	-59.541880	-0.804723			
0.83768	-7.595120	-132.877917	-0.804723			
-0.007204	-0.173812	-22.090398	-0.804723			
1.00000	-7.595120	-132.877917	-0.804723			
-0.007204	-0.489954	0.647776				

REL	DIS	P	M2	M3	V2	V3
0.35074	3.991608	24.093787	0.156901			
0.001555	0.237962	54.364066	0.156901			
0.51305	3.991608	24.093787	0.156901			
0.001555	0.143617	40.919567	0.156901			
0.67537	3.991608	24.093787	0.156901			
0.001555	0.048821	26.542067				

REL	DIS	P	M2	M3	V2	V3
0.35074	-4.097142	-36.361849	-0.306051			
-0.005105	-0.463627	-86.719780	-0.306051			
0.51305	-4.097142	-36.361849	-0.306051			
-0.005105	-0.279051	-64.936782	-0.306051			
0.67537	-4.097142	-36.361849	-0.306051			
-0.005105	-0.093979	-32.104852	-0.306051			
0.83768	-4.097142	-36.361849	-0.306051			
-0.005105	-0.044899	-21.785323	-0.306051			
1.00000	-4.097142	-36.361849	-0.306051			
-0.005105	-0.139622	-4.189938				

REL	DIS	P	M2	M3	V2	V3
0.35074	9.934761	44.397116	0.334440			
0.008003	0.505501	161.537453	0.334440			
0.51305	9.934761	44.397116	0.334440			
0.008003	0.305165	137.458337	0.334440			
0.67537	9.934761	44.397116	0.334440			
0.008003	0.144455	32.104852	0.334440			
0.83768	9.934761	44.397116	0.334440			
0.008003	0.210817	163.504278	0.334440			
1.00000	9.934761	44.397116	0.334440			
0.008003	0.595847	200.590072				

REL	DIS	P	M2	M3	V2	V3
0.35074	-5.820358	-129.140945	-0.638502			
-0.006429	-0.942634	-158.271988	-0.638502			
0.51305	-5.820358	-129.140945	-0.638502			
-0.006429	-0.566677	-82.871131	-0.638502			
0.67537	-5.820358	-129.140945	-0.638502			
-0.006429	-0.197787	-41.147993	-0.638502			
0.83768	-5.820358	-129.140945	-0.638502			
-0.006429	-0.123233	-17.403801	-0.638502			
1.00000	-5.820358	-129.140945	-0.638502			
-0.006429	-0.315762	-0.025295				

REL	DIS	P	M2	M3	V2	V3
0.35074	12.024509	64.772250	0.724269			
0.006800	1.096410	213.686194	0.724269			
0.51305	12.024509	64.772250	0.724269			
0.006800	0.961504	177.179452	0.724269			
0.67537	12.024509	64.772250	0.724269			
0.006800	0.225910	156.213277	0.724269			
0.83768	12.024509	64.772250	0.724269			
0.006800	0.320406	166.92285	0.724269			
1.00000	12.024509	64.772250	0.724269			
0.006800	0.105620	195.352135				
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REL	DIS	P	M2	M3	V2	V3
0.35074	-7.905234	-138.537157	-1.109084			
-0.006385	-1.664144	-188.344476	-1.109084			
0.51305	-7.905234	-138.537157	-1.109084			
-0.006385	-0.100368	-107.111046	-1.109084			
0.67537	-7.905234	-138.537157	-1.109084			
-0.006385	-0.347537	-53.680627	-1.109084			
0.83768	-7.905234	-138.537157	-1.109084			
-0.006385	-0.230296	-45.45386	-1.109084			
1.00000	-7.905234	-138.537157	-1.109084			
-0.006385	-0.659792	-0.020447				

0.48695	7.676071	147.262301	0.535485
0.006718	0.745354	127.195421	
0.64926	7.614577	170.92701	0.535485
0.006718	1.240587	158.476999	
COMB DB-G2-3----- MIN			
REL DIST	P	V2	V3
0.00000	-12.289257	-55.725369	-0.833298
0.007379	-0.647126	-55.725369	-0.833298
0.16232	-12.289257	-55.725369	-0.833298
-0.007379	-0.263818	-17.721609	
0.32463	-12.289257	-55.725369	-0.833298
-0.007379	-0.007379	-50.65270	
0.48695	-12.289257	-55.725369	-0.833298
-0.007379	-0.491748	-101.321092	
0.64926	-12.289257	-55.725369	-0.833298
-0.007379	-0.813947	-184.455717	

COMB DL-G1-1----- MAX			
REL DIST	P	V2	V3
0.00000	3.948570	23.686372	0.164385
0.001516	0.147281	23.686372	0.164385
0.16232	3.948570	23.686372	0.164385
0.001516	0.048263	23.009815	
0.32463	3.948570	23.686372	0.164385
0.001516	0.003939	23.686372	0.164385
0.48695	3.948570	23.686372	0.164385
0.001516	0.258218	66.284101	
0.64926	3.948570	23.686372	0.164385
0.001516	0.427069	87.992775	

COMB DL-G1-1----- MIN			
REL DIST	P	V2	V3
0.00000	-0.404963	-36.161042	-0.279931
-1.26E-05	-0.245443	-4.202370	
0.16232	-0.404963	-36.161042	-0.279931
-1.26E-05	-0.076193	-36.161042	-0.279931
0.32463	-0.404963	-36.161042	-0.279931
-1.26E-05	-0.050507	-31.505586	
0.48695	-0.404963	-36.161042	-0.279931
-1.26E-05	-0.149622	-45.665654	
0.64926	-0.404963	-36.161042	-0.279931
-1.26E-05	-0.248406	-59.863384	
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COMB DL-G1-2----- MAX			
REL DIST	P	V2	V3
0.00000	5.255538	121.632826	0.341332
0.008130	0.321234	200.681406	
0.16232	5.255538	121.632826	0.341332
0.008130	0.125642	167.298029	
0.32463	5.255538	121.632826	0.341332
0.008130	0.192283	140.097197	
0.48695	5.255538	121.632826	0.341332
0.008130	0.543497	149.350639	
0.64926	5.255538	121.632826	0.341332
0.008130	0.902043	177.379707	

COMB DL-G1-2----- MIN			
REL DIST	P	V2	V3
0.00000	-0.404931	-51.114343	-0.609258
-0.006321	-0.566141	-10.029580	
0.16232	-0.404931	-51.114343	-0.609258
-0.006321	-0.198992	-12.415604	
0.32463	-0.404931	-51.114343	-0.609258
-0.006321	-0.106129	-32.082120	
0.48695	-0.404931	-51.114343	-0.609258
-0.006321	-0.311131	-69.115520	
0.64926	-0.404931	-51.114343	-0.609258
-0.006321	-0.515671	-139.875358	

COMB DL-G1-3----- MAX			
REL DIST	P	V2	V3
0.00000	8.248071	127.966548	0.718423
0.006796	0.652120	195.424295	
0.16232	8.248071	127.966548	0.718423
0.006796	0.225479	180.717793	
0.32463	8.248071	127.966548	0.718423
0.006796	0.347715	177.377573	
0.48695	8.248071	127.966548	0.718423
0.006796	1.001406	204.813367	
0.64926	8.248071	127.966548	0.718423
0.006796	1.660474	247.808060	

COMB DL-G1-3----- MIN			
REL DIST	P	V2	V3
0.00000	-11.744755	-75.481799	-1.105678
-0.006033	-1.000952	-0.243328	
0.16232	-11.744755	-75.481799	-1.105678
-0.006033	-0.334200	-17.914716	
0.32463	-11.744755	-75.481799	-1.105678
-0.006033	-0.225707	-49.572488	
0.48695	-11.744755	-75.481799	-1.105678
-0.006033	-0.657795	-96.562369	
0.64926	-11.744755	-75.481799	-1.105678
-0.006033	-1.089226	-171.370235	

COMB DL-G2-1----- MAX			
REL DIST	P	V2	V3
0.00000	3.759074	39.485050	0.551947
0.001516	0.489078	39.485050	0.551947
0.16232	3.759074	39.485050	0.551947
0.001516	0.157043	2.016048	
0.32463	3.759074	39.485050	0.551947
0.001516	0.227196	3.309698	
0.48695	3.759074	39.485050	0.551947
0.001516	0.664281	18.618098	
0.64926	3.759074	39.485050	0.551947
0.001516	1.100473	29.240634	

COMB DL-G2-1----- MIN			
REL DIST	P	V2	V3
0.00000	-4.051669	-18.034252	-0.724925
0.001512	-0.093951	-18.034252	-0.724925
0.16232	-4.051669	-18.034252	-0.724925
-0.001512	-0.206700	-39.051983	
0.32463	-4.051669	-18.034252	-0.724925
-0.001512	-0.015418	-59.880448	
0.48695	-4.051669	-18.034252	-0.724925
-0.001512	-0.506856	-82.894056	
0.64926	-4.051669	-18.034252	-0.724925
-0.001512	-0.939310	-106.417148	
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2----- MAX			
REL DIST	P	V2	V3
0.00000	5.757877	126.695530	0.818522
0.005940	0.741556	170.91783	
0.16232	5.757877	126.695530	0.818522
0.005940	0.257762	142.174943	
0.32463	5.757877	126.695530	0.818522
0.005940	0.363732	119.989541	

0.48695	5.757877	126.695530	0.818522
0.005940	1.048301	119.278586	
0.64926	5.757877	126.695530	0.818522
0.005940	1.739429	141.850131	
COMB DL-G2-2----- MIN			
REL DIST	P	V2	V3
0.00000	-9.788836	-41.529438	-1.161261
0.007379	-1.056550	-41.529438	-1.161261
0.16232	-9.788836	-41.529438	-1.161261
-0.007502	-0.357024	-28.009040	
0.32463	-9.788836	-41.529438	-1.161261
-0.007502	-0.267668	-14.917136	
0.48695	-9.788836	-41.529438	-1.161261
-0.007502	-0.750501	-98.196579	
0.64926	-9.788836	-41.529438	-1.161261
-0.007502	-1.242212	-172.297827	

COMB DL-G2-3----- MAX			
REL DIST	P	V2	V3
0.00000	7.648369	144.788388	0.852765
0.006439	0.770929	92.311887	
0.16232	7.648369	144.788388	0.852765
0.006439	0.265478	163.544592	
0.32463	7.648369	144.788388	0.852765
0.006439	0.393979	147.377573	
0.48695	7.648369	144.788388	0.852765
0.006439	1.135727	163.734902	
0.64926	7.648369	144.788388	0.852765
0.006439	1.882915	196.631301	

COMB DL-G2-3----- MIN			
REL DIST	P	V2	V3
0.00000	-12.322478	-59.108690	-1.253126
-0.006789	-1.133453	-0.910153	
0.16232	-12.322478	-59.108690	-1.253126
-0.006789	-0.377960	-25.538743	
0.32463	-12.322478	-59.108690	-1.253126
-0.006789	-0.268141	-63.545514	
0.48695	-12.322478	-59.108690	-1.253126
-0.006789	-0.781580	-119.649243	
0.64926	-12.322478	-59.108690	-1.253126
-0.006789	-1.293943	-204.415004	

COMB DB----- MAX			
REL DIST	P	V2	V3
0.00000	7.676071	147.262301	0.535485
0.008134	0.474632	182.839549	
0.16232	7.676071	147.262301	0.535485
0.008134	0.160424	154.713812	
0.32463	7.676071	147.262301	0.535485
0.008134	0.263697	141.576760	
0.48695	7.676071	147.262301	0.535485
0.008134	0.745354	164.981245	
0.64926	7.676071	147.262301	0.535485
0.008134	1.240587	204.429669	

COMB DB----- MIN			
REL DIST	P	V2	V3
0.00000	-12.426288	-67.580333	-0.833298
-0.007973	-0.764726	-16.899295	
0.16232	-12.426288	-67.580333	-0.833298
-0.007973	-0.263818	-12.332200	
0.32463	-12.426288	-67.580333	-0.833298
-0.007973	-0.169399	-50.652270	
0.48695	-12.426288	-67.580333	-0.833298
-0.007973	-0.491748	-101.321092	
0.64926	-12.426288	-67.580333	-0.833298
-0.007973	-0.813947	-184.455717	
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FRAME ELEMENT INTERNAL FORCES

COMB DL----- MAX			
REL DIST	P	V2	V3
0.00000	8.248071	144.788388	0.852765
0.008130	0.770929	200.681406	
0.16232	8.248071	144.788388	0.852765
0.008130	0.265478	180.717793	
0.32463	8.248071	144.788388	0.852765
0.008130	0.393979	177.377573	
0.48695	8.248071	144.788388	0.852765
0.008130	1.135727	204.813367	
0.64926	8.248071	144.788388	0.852765
0.008130	1.882915	247.808060	

COMB DL----- MIN			
REL DIST	P	V2	V3
0.00000	-12.322478	-75.481799	-1.253126
-0.007502	-1.133453	-25.868008	
0.16232	-12.322478	-75.481799	-1.253126
-0.007502	-0.377960	-39.051983	
0.32463	-12.322478	-75.481799	-1.253126
-0.007502	-0.268141	-63.545514	
0.48695	-12.322478	-75.481799	-1.253126
-0.007502	-0.781580	-119.649243	
0.64926	-12.322478	-75.481799	-1.253126
-0.007502	-1.293943	-204.415004	

COMB CAR----- MAX			
REL DIST	P	V2	V3
0.00000	8.248071	147.262301	0.852765
0.008134	0.770929	200.681406	
0.16232	8.248071	147.262301	0.852765
0.008134	0.265478	180.717793	
0.32463	8.248071	147.262301	0.852765
0.008134	0.393979	177.377573	
0.48695	8.248071	147.262301	0.852765
0.008134	1.135727	204.813367	

0.83769 5.844276 21.527460 0.496532
1.12E-05 0.180935 8.419222
1.00000 5.844276 21.527460 0.496532
1.12E-05 0.565072 34.1324874

COMB DL-G2-1 MIN
REL DIST P M2 M3 V3
0.35077 -1.218375 -34.767108 -0.636918
0.001342 -0.086652 34.716436
0.51308 -1.218375 -34.767108 -0.636918
0.001342 -0.583010 -82.090321 -0.636918
0.67538 -1.218375 -34.767108 -0.636918
0.006288 0.715730 203.180402
0.83769 -1.218375 -34.767108 -0.636918
0.001342 -0.145295 -41.769491 -0.636918
1.00000 -1.218375 -34.767108 -0.636918
0.001342 -0.444043 -25.621450

COMB DL-G2-2 MAX
REL DIST P M2 M3 V3
0.35077 12.486652 34.716436 0.715743
0.006042 12.486652 34.716436 0.715743
0.51308 12.486652 34.716436 0.715743
0.006042 0.651171 105.896992 0.715743
0.67538 12.486652 34.716436 0.715743
0.006042 0.715730 203.180402 0.715743
0.83769 12.486652 34.716436 0.715743
0.006042 0.319138 137.521463 0.715743
1.00000 12.486652 34.716436 0.715743
0.006042 0.936511 171.973308

COMB DL-G2-2 MIN
REL DIST P M2 M3 V3
0.35077 -2.053555 -134.360297 -1.024910
0.007729 -1.531174 -188.144291 -1.024910
0.51308 -2.053555 -134.360297 -1.024910
0.007729 -0.916190 -109.412380 -1.024910
0.67538 -2.053555 -134.360297 -1.024910
0.007729 -0.319434 -63.510767 -1.024910
0.83769 -2.053555 -134.360297 -1.024910
0.007729 -0.232567 -30.793761 -1.024910
1.00000 -2.053555 -134.360297 -1.024910
0.007729 -0.651161 -98.93583

COMB DL-G2-3 MAX
REL DIST P M2 M3 V3
0.35077 12.096457 106.06656 0.786627
0.006288 1.188602 244.808929 0.786627
0.51308 12.096457 106.06656 0.786627
0.006288 0.015730 203.180402 0.786627
0.67538 12.096457 106.06656 0.786627
0.006288 0.242111 177.808534 0.786627
0.83769 12.096457 106.06656 0.786627
0.006288 0.361376 182.990183 0.786627
1.00000 12.096457 106.06656 0.786627
0.006288 1.074334 193.410579 0.786627
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G2-3 MIN
REL DIST P M2 M3 V3
0.35077 -6.724942 -133.678939 -1.182639
0.006995 -1.772030 -190.344474 -1.182639
0.51308 -6.724942 -133.678939 -1.182639
0.006995 -1.061817 -12.533037 -1.182639
0.67538 -6.724942 -133.678939 -1.182639
0.006995 -0.367565 -63.367077 -1.182639
0.83769 -6.724942 -133.678939 -1.182639
0.006995 -0.250925 -41.769491 -1.182639
1.00000 -6.724942 -133.678939 -1.182639
0.006995 -0.713635 -98.873371

COMB DB MIN
REL DIST P M2 M3 V3
0.35077 14.417470 70.233732 0.503499
0.008515 0.760276 208.625120 0.503499
0.51308 14.417470 70.233732 0.503499
0.008515 0.245795 168.042983 0.503499
0.67538 14.417470 70.233732 0.503499
0.008515 0.154474 144.937411 0.503499
0.83769 14.417470 70.233732 0.503499
0.008515 0.250725 159.715022 0.503499
1.00000 14.417470 70.233732 0.503499
0.008515 0.722002 184.255743

COMB DB MAX
REL DIST P M2 M3 V3
0.35077 -9.244391 -148.538366 -1.182639
0.008220 -1.166769 -197.287254 -1.182639
0.51308 -9.244391 -148.538366 -1.182639
0.008220 -0.694869 -114.563018 -1.182639
0.67538 -9.244391 -148.538366 -1.182639
0.008220 -0.249763 -65.830817 -1.182639
0.83769 -9.244391 -148.538366 -1.182639
0.008220 -0.160264 -38.068083 -1.182639
1.00000 -9.244391 -148.538366 -1.182639
0.008220 -0.451166 -16.894785

COMB DL MAX
REL DIST P M2 M3 V3
0.35077 12.486652 34.716436 0.786627
0.007988 1.188602 244.808929 0.786627
0.51308 12.486652 34.716436 0.786627
0.007988 0.651171 105.896992 0.786627
0.67538 12.486652 34.716436 0.786627
0.007988 0.715730 203.180402 0.786627
0.83769 12.486652 34.716436 0.786627
0.007988 0.361376 182.990183 0.786627
1.00000 12.486652 34.716436 0.786627
0.007988 1.074334 200.435026

COMB DL MIN
REL DIST P M2 M3 V3
0.35077 -8.084791 -135.727950 -1.182639
0.007729 -1.772030 -190.344474 -1.182639
0.51308 -8.084791 -135.727950 -1.182639
0.007729 -0.916187 -112.333037 -1.182639
0.67538 -8.084791 -135.727950 -1.182639
0.007729 -0.367565 -63.367077 -1.182639
0.83769 -8.084791 -135.727950 -1.182639
0.007729 -0.250925 -41.769491 -1.182639
1.00000 -8.084791 -135.727950 -1.182639
0.007729 -0.713635 -98.873371

COMB CAR MAX
REL DIST P M2 M3 V3
0.35077 14.417470 70.233732 0.786627
0.008515 1.188602 244.808929 0.786627
0.51308 14.417470 70.233732 0.786627
0.008515 0.715730 203.180402 0.786627
0.67538 14.417470 70.233732 0.786627
0.008515 0.242111 177.808534 0.786627
0.83769 14.417470 70.233732 0.786627
0.008515 0.361376 182.990183 0.786627
1.00000 14.417470 70.233732 0.786627
0.008515 1.074334 200.435026 0.786627
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FRAME ELEMENT INTERNA
L FORCES

COMB CAR MIN
REL DIST P M2 M3 V3
0.35077 -9.244391 -148.538366 -1.182639
0.008220 -1.166769 -197.287254 -1.182639
0.51308 -9.244391 -148.538366 -1.182639
0.008220 -0.694869 -114.563018 -1.182639
0.67538 -9.244391 -148.538366 -1.182639
0.008220 -0.249763 -65.830817 -1.182639
0.83769 -9.244391 -148.538366 -1.182639
0.008220 -0.160264 -38.068083 -1.182639
1.00000 -9.244391 -148.538366 -1.182639
0.008220 -0.451166 -16.894785

COMB DESIGN MAX
REL DIST P M2 M3 V3
0.35077 14.417470 70.233732 0.786627
0.008515 1.188602 244.808929 0.786627
0.51308 14.417470 70.233732 0.786627
0.008515 0.715730 203.180402 0.786627
0.67538 14.417470 70.233732 0.786627
0.008515 0.242111 177.808534 0.786627
0.83769 14.417470 70.233732 0.786627
0.008515 0.361376 182.990183 0.786627
1.00000 14.417470 70.233732 0.786627
0.008515 1.074334 200.435026

COMB DESIGN MIN
REL DIST P M2 M3 V3
0.35077 -9.244391 -148.538366 -1.182639
0.008220 -1.166769 -197.287254 -1.182639
0.51308 -9.244391 -148.538366 -1.182639
0.008220 -0.694869 -114.563018 -1.182639
0.67538 -9.244391 -148.538366 -1.182639
0.008220 -0.249763 -65.830817 -1.182639
0.83769 -9.244391 -148.538366 -1.182639
0.008220 -0.160264 -38.068083 -1.182639
1.00000 -9.244391 -148.538366 -1.182639
0.008220 -0.451166 -16.894785

ELEM 154 LENGTH = 3.707124

COMB DB-G1-1 MAX
REL DIST P M2 M3 V3
0.00000 1.192204 41.601057 0.138512
0.001290 1.22565 1.472582 0.138512
0.16233 1.192204 41.601057 0.138512
0.001290 0.039221 10.661571 0.138512
0.001290 1.192204 41.601057 0.138512
0.001290 0.064978 20.150387 0.138512
0.48699 1.192204 41.601057 0.138512
0.001290 1.192204 41.601057 0.138512
0.001290 0.313166 39.237706 0.138512

COMB DB-G1-1 MIN
REL DIST P M2 M3 V3
0.00000 -7.088055 -15.884869 -0.206219
-1.37E-05 -0.183228 -29.252203 -0.206219
0.16233 -7.088055 -15.884869 -0.206219
-1.37E-05 -0.059111 -29.252203 -0.206219
0.32466 -7.088055 -15.884869 -0.206219
0.001290 -0.044148 -54.169175 -0.206219
0.48699 -7.088055 -15.884869 -0.206219
-1.37E-05 -0.127497 -19.154545 -0.206219
0.64932 -7.088055 -15.884869 -0.206219
-1.37E-05 -0.210851 -104.182600

COMB DB-G1-2 MAX
REL DIST P M2 M3 V3
0.00000 2.143065 154.849879 0.223675
0.16233 2.143065 154.849879 0.223675
0.008623 0.076330 132.443626 0.223675
0.32466 2.143065 154.849879 0.223675
0.008623 0.134677 132.443626 0.223675
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FRAME ELEMENT INTERNA
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COMB DB-G1-3 MAX
REL DIST P M2 M3 V3
0.48699 2.143065 154.849879 0.223675
0.008623 0.358399 81.073172 0.223675
0.64932 2.143065 154.849879 0.223675
0.008623 0.612548 97.466949

COMB DB-G1-2 MIN
REL DIST P M2 M3 V3
0.00000 -14.547550 -30.114910 -0.422698
-0.007063 -0.404939 -0.007408 -0.422698
0.16233 -14.547550 -30.114910 -0.422698
-0.007063 -0.151543 -25.324641 -0.422698
0.32466 -14.547550 -30.114910 -0.422698
0.007063 -0.070940 -58.435406 -0.422698
0.48699 -14.547550 -30.114910 -0.422698
-0.007063 -0.205590 -107.026165 -0.422698
0.64932 -14.547550 -30.114910 -0.422698
-0.007063 -0.340234 -193.644778

COMB DB-G1-3 MIN
REL DIST P M2 M3 V3
0.48699 2.143065 154.849879 0.223675
0.008623 0.358399 81.073172 0.223675
0.64932 2.143065 154.849879 0.223675
0.008623 0.612548 97.466949

COMB DB-G2-1 MAX
REL DIST P M2 M3 V3
0.00000 6.864156 16.650217 0.323648
0.16233 6.864156 16.650217 0.323648
2.01E-05 0.993976 5.457805 0.323648
0.32466 6.864156 16.650217 0.323648
0.48699 6.864156 16.650217 0.323648
2.01E-05 0.426576 16.650217 0.323648
0.64932 6.864156 16.650217 0.323648

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2.01E-05 0.707621 69.780191
COMB DB-G2-1 MIN
REL DIST P M2 M3 V3

0.00000 -1.141582 -35.860752 -0.467024
-0.001310 -0.416564 -16.919762 -0.467024
0.16233 -1.141582 -35.860752 -0.467024
-0.001310 -0.135518 14.38281 -0.467024
0.32466 -1.141582 -35.860752 -0.467024
-0.001310 -0.100780 -23.599482 -0.467024
0.48699 -1.141582 -35.860752 -0.467024
-0.001310 -0.295559 -33.514000 -0.467024
0.64932 -1.141582 -35.860752 -0.467024
-0.001310 -0.490324 -43.499831

COMB DB-G2-2 MAX
REL DIST P M2 M3 V3
0.00000 9.519223 111.921000 0.451087
0.006629 9.519223 111.921000 0.451087
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REL DIST P M2 M3 V3
0.16233 9.519223 111.921000 0.451087
0.006629 9.519223 111.921000 0.451087
0.006629 9.519223 111.921000 0.451087
0.48699 9.519223 111.921000 0.451087
0.006629 0.661184 139.173476 0.451087
0.64932 9.519223 111.921000 0.451087
0.006629 1.114049 177.082040

COMB DB-G2-2 MIN
REL DIST P M2 M3 V3
0.00000 -6.908793 -65.666973 -0.752888
-0.008035 -0.698245 -65.666973 -0.752888
0.16233 -6.908793 -65.666973 -0.752888
-0.008035 -0.246175 -11.944001 -0.752888
0.32466 -6.908793 -65.666973 -0.752888
0.008035 -0.009699 -39.005699 -0.752888
0.48699 -6.908793 -65.666973 -0.752888
-0.008035 -0.411967 -49.023313 -0.752888
0.64932 -6.908793 -65.666973 -0.752888
-0.008035 -0.683461 -110.266406

COMB DB-G2-3 MAX
REL DIST P M2 M3 V3
0.00000 9.329082 147.245817 0.486152
0.001710 9.433399 176.492301 0.486152
0.16233 9.329082 147.245817 0.486152
0.001710 0.151897 143.718989 0.486152
0.32466 9.329082 147.245817 0.486152
0.001710 0.257086 127.598470 0.486152
0.48699 9.329082 147.245817 0.486152
0.001710 0.721481 149.298591 0.486152
0.64932 9.329082 147.245817 0.486152
0.001710 1.212606 189.033032

COMB DB-G2-3 MIN
REL DIST P M2 M3 V3
0.00000 -12.011945 -68.782101 -0.816443
-0.007442 -0.752673 -0.611466 -0.816443
0.16233 -12.011945 -68.782101 -0.816443
-0.007442 -0.262246 -13.546976 -0.816443
0.32466 -12.011945 -68.782101 -0.816443
-0.007442 -0.151422 -49.698494 -0.816443
0.48699 -12.011945 -68.782101 -0.816443
-0.007442 -0.444149 -39.493286 -0.816443
0.64932 -12.011945 -68.782101 -0.816443
-0.007442 -0.736749 -182.396992

COMB DL-G1-1 MAX
REL DIST P M2 M3 V3
0.00000 1.259243 40.040021 0.199705
0.001311 0.177857 2.093468 0.199705
0.16233 1.259243 40.040021 0.199705
0.001311 0.057395 16.650217 0.199705
0.32466 1.259243 40.040021 0.199705
0.001311 0.104529 25.790406 0.199705
0.48699 1.259243 40.040021 0.199705
0.001311 0.383716 37.995136 0.199705
0.64932 1.259243 40.040021 0.199705
0.001311 0.508016 50.228168

COMB DL-G1-1 MIN
REL DIST P M2 M3 V3
0.00000 -6.082458 -20.373230 -0.334335
-1.10E-05 -0.295591 -4.915962 -0.334335
0.16233 -6.082458 -20.373230 -0.334335
-1.10E-05 0.093644 -28.401172 -0.334335
0.32466 -6.082458 -20.373230 -0.334335
-1.10E-05 -0.062173 -52.334273 -0.334335
0.48699 -6.082458 -20.373230 -0.334335
-1.10E-05 0.182754 -76.354254 -0.334335
0.64932 -6.082458 -20.373230 -0.334335
-1.10E-05 -0.302897 -100.385550

COMB DL-G1-2 MAX
REL DIST P M2 M3 V3
0.00000 2.217903 140.589178 0.352274
0.008183 0.324759 20.488772 0.352274
0.16233 2.217903 140.589178 0.352274
0.008183 0.126875 15.933554 0.352274
0.32466 2.217903 140.589178 0.352274
0.008183 0.201959 118.945674 0.352274
0.48699 2.217903 140.589178 0.352274
0.008183 0.126875 15.933554 0.352274
0.64932 2.217903 140.589178 0.352274
0.008183 0.957018 136.027743

COMB DL-G1-2 MIN
REL DIST P M2 M3 V3
0.00000 -12.628410 -34.827263 -0.646796
-0.006532 -0.602103 -0.060093 -0.646796
0.16233 -12.628410 -34.827263 -0.646796
-0.006532 0.212527 2.618583 -0.646796
0.32466 -12.628410 -34.827263 -0.646796
-0.006532 -0.109988 -53.700950 -0.646796
0.48699 -12.628410 -34.827263 -0.646796
-0.006532 0.321877 -101.246945 -0.646796
0.64932 -12.628410 -34.827263 -0.646796
-0.006532 -0.533491 -183.404603

COMB DL-G1-3 MAX
REL DIST P M2 M3 V3
0.00000 7.013239 133.855365 0.670636
0.006826 0.701323 133.855365 0.670636
0.16233 7.013239 133.855365 0.670636
0.006826 0.214231 181.834470 0.6706

0.008183

8.273356

140.599178

0.767884

REL DIST

P

M2

M3

V3

0.35070

-9.917117

-144.640660

-0.652017

0.006780

-0.966692

-181.536221

-0.652017

0.51302

-9.917117

-144.640660

-0.652017

0.006780

-0.574794

-99.934434

-0.652017

0.67535

-9.917117

-144.640660

-0.652017

0.006780

-0.206868

-50.122327

-0.652017

Program

SAP2000

Nonlinear

Version 7.42

File:상형S11-S1503.OUT

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REL DIST

P

M2

M3

V3

0.83767

-9.917117

-144.640660

-0.652017

0.006780

-0.149784

-12.859984

-0.652017

1.00000

-9.917117

-144.640660

-0.652017

0.006780

-0.411115

-0.023165

-0.652017

COMB DB-G2-1

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V3
0.48698	1.773355	166.023459	0.282265	
0.008344	0.373264	66.582549		
0.64930	1.773355	166.023459	0.282265	
0.008344	0.636976	78.260266		

COMB DB-G1-2

REL DIST	P	M2	M3	V3
0.00000	-15.610024	-22.278955	-0.438708	
-0.007087	-0.421328	-0.031101		
0.16233	-15.610024	-22.278955	-0.438708	
-0.007087	-0.157470	-32.72916		
0.32465	-15.610024	-22.278955	-0.438708	
-0.007087	-0.089682	-72.648101	-0.438708	
0.48698	-15.610024	-22.278955	-0.438708	
-0.007087	-0.255373	-127.482411		
0.64930	-15.610024	-22.278955	-0.438708	
-0.007087	-0.429411	-220.434624		

COMB DB-G1-3

REL DIST	P	M2	M3	V3
0.00000	8.119896	148.738055	0.435388	
0.007022	0.386792	175.085105		
0.16233	8.119896	148.738055	0.435388	
0.007022	0.138993	159.612558		
0.32465	8.119896	148.738055	0.435388	
0.007022	0.214227	147.303662		
0.48698	8.119896	148.738055	0.435388	
0.007022	0.593931	171.283482		
0.64930	8.119896	148.738055	0.435388	
0.007022	1.000409	212.858659		

COMB DB-G1-3

REL DIST	P	M2	M3	V3
0.00000	-14.253532	-71.468832	-0.675164	
-0.006498	-0.626611	-0.026954		
0.16233	-14.253532	-71.468832	-0.675164	
-0.006498	-0.220445	-30.298487		
0.32465	-14.253532	-71.468832	-0.675164	
-0.006498	-0.137071	-69.647698		
0.48698	-14.253532	-71.468832	-0.675164	
-0.006498	-0.399108	-121.638853		
0.64930	-14.253532	-71.468832	-0.675164	
-0.006498	-0.661083	-205.331831		

COMB DB-G2-1

REL DIST	P	M2	M3	V3
0.00000	7.834939	8.992047	0.282380	
0.000148	0.000000	0.000000		
0.16233	7.834939	8.992047	0.282380	
0.000148	0.000250	11.719635		
0.32465	7.834939	8.992047	0.282380	
0.000148	0.117611	39.723730		
0.48698	7.834939	8.992047	0.282380	
0.000148	0.344084	67.943709		
0.64930	7.834939	8.992047	0.282380	
0.000148	0.570580	96.185808		

COMB DB-G2-1

REL DIST	P	M2	M3	V3
0.00000	-0.786667	-46.953431	-0.376416	
-0.001088	-0.385409	-0.011023		
0.16233	-0.786667	-46.953431	-0.376416	
-0.001088	-0.108895	-8.395333		
0.32465	-0.786667	-46.953431	-0.376416	
-0.001088	-0.067638	-15.275188		
0.48698	-0.786667	-46.953431	-0.376416	
-0.001088	-0.257571	-18.568781		
0.64930	-0.786667	-46.953431	-0.376416	
-0.001088	-0.427485	-23.950662		

COMB DB-G2-2

REL DIST	P	M2	M3	V3
0.00000	10.697880	102.690098	0.390991	
0.006648	0.348980	164.688412		
Program	SAP2000	Nonlinear	Version 7.42	
File:	상행S11-S1503	OUT		

COMB DB-G2-2

REL DIST	P	M2	M3	V3
0.16233	10.697880	102.690098	0.390991	
0.006648	0.129514	150.894155		
0.32465	10.697880	102.690098	0.390991	
0.006648	0.190697	137.452907		
0.48698	10.697880	102.690098	0.390991	
0.006648	0.521172	163.640439		
0.64930	10.697880	102.690098	0.390991	
0.006648	0.881905	209.638541		

COMB DB-G2-2

REL DIST	P	M2	M3	V3
0.00000	-6.486615	-79.118954	-0.599021	
-0.007080	-0.562096	-0.362488		
0.16233	-6.486615	-79.118954	-0.599021	
-0.007080	-0.001754	-6.171731		
0.32465	-6.486615	-79.118954	-0.599021	
-0.007080	-0.121419	-12.012971		
0.48698	-6.486615	-79.118954	-0.599021	
-0.007080	-0.366765	-31.757396		
0.64930	-6.486615	-79.118954	-0.599021	
-0.007080	-0.592026	-87.090333		

COMB DB-G2-3

REL DIST	P	M2	M3	V3
0.00000	10.164072	145.454488	0.468247	
0.007024	0.416727	177.189645		
0.16233	10.164072	145.454488	0.468247	
0.007024	0.149702	147.790398		
0.32465	10.164072	145.454488	0.468247	
0.007024	0.226642	136.109785		
0.48698	10.164072	145.454488	0.468247	
0.007024	0.693932	161.871369		
0.64930	10.164072	145.454488	0.468247	
0.007024	1.059256	206.101479		

COMB DB-G2-3

REL DIST	P	M2	M3	V3
0.00000	-12.247767	-76.232000	-0.714860	
-0.007390	-0.663358	-0.351248		
0.16233	-12.247767	-76.232000	-0.714860	
-0.007390	-0.233310	-12.048416		
0.32465	-12.247767	-76.232000	-0.714860	
-0.007390	-0.146711	-47.406210		
0.48698	-12.247767	-76.232000	-0.714860	
-0.007390	-0.428494	-95.730063		
0.64930	-12.247767	-76.232000	-0.714860	
-0.007390	-0.710228	-177.233588		

COMB DL-G1-1

REL DIST	P	M2	M3	V3
0.00000	0.720172	52.344998	0.259250	
0.000964	0.234953	19.747189		
0.16233	0.720172	52.344998	0.259250	
0.000964	0.074148	8.206999		
0.32465	0.720172	52.344998	0.259250	
0.000964	0.114779	14.464603		

0.48698	0.720172	52.344998	0.259250
0.000964	0.337282	20.747189	
0.64930	0.720172	52.344998	0.259250
0.000964	0.559071	27.061785	

COMB DL-G1-1

REL DIST	P	M2	M3	V3
0.00000	-7.507815	-10.540902	-0.368340	
-0.006567	-0.326596	-0.000000		
0.16233	-7.507815	-10.540902	-0.368340	
-0.006567	-0.104628	-37.008365		
0.32465	-7.507815	-10.540902	-0.368340	
-0.006567	-0.080892	-68.661233		
0.48698	-7.507815	-10.540902	-0.368340	
-0.006567	-0.232724	-99.826746		
0.64930	-7.507815	-10.540902	-0.368340	
-0.006567	-0.392266	-131.302179		

COMB DL-G1-1

REL DIST	P	M2	M3	V3
0.00000	1.573648	154.510383	0.397815	
0.007781	0.374840	200.916202		
0.16233	1.573648	154.510383	0.397815	
0.007781	0.142781	149.754014		
0.32465	1.573648	154.510383	0.397815	
0.007781	0.198806	106.033429		
0.48698	1.573648	154.510383	0.397815	
0.007781	0.553188	97.689539		
0.64930	1.573648	154.510383	0.397815	
0.007781	0.933367	197.74352		

COMB DL-G1-2

REL DIST	P	M2	M3	V3
0.00000	-14.205086	-24.083598	-0.632934	
-0.006567	-0.592172	-0.000000		
0.16233	-14.205086	-24.083598	-0.632934	
-0.006567	-0.211419	-31.008750		
0.32465	-14.205086	-24.083598	-0.632934	
-0.006567	-0.124279	-11.398467		
0.48698	-14.205086	-24.083598	-0.632934	
-0.006567	-0.362315	-125.464592		
0.64930	-14.205086	-24.083598	-0.632934	
-0.006567	-0.606627	-215.729601		

COMB DL-G1-3

REL DIST	P	M2	M3	V3
0.00000	7.397515	139.431135	0.650132	
0.006462	0.595993	196.962213		
0.16233	7.397515	139.431135	0.650132	
0.006462	0.210376	183.496052		
0.32465	7.397515	139.431135	0.650132	
0.006462	0.302996	179.210273		
0.48698	7.397515	139.431135	0.650132	
0.006462	0.865923	204.178977		
0.64930	7.397515	139.431135	0.650132	
0.006462	1.449242	245.375765		

COMB DL-G1-3

REL DIST	P	M2	M3	V3
0.00000	-12.881473	-72.759101	-0.970108	
-0.005946	-0.886524	-0.027817		
0.16233	-12.881473	-72.759101	-0.970108	
-0.005946	-0.301521	-25.591130		
0.32465	-12.881473	-72.759101	-0.970108	
-0.005946	-0.202535	-68.022324		
0.48698	-12.881473	-72.759101	-0.970108	
-0.005946	-0.592934	-125.182314		
0.64930	-12.881473	-72.759101	-0.970108	
-0.005946	-0.983344	-202.346237		

COMB DL-G2-1

REL DIST	P	M2	M3	V3
0.00000	7.336532	10.924165	0.416377	
0.000153	0.371432	1.320385		
0.16233	7.336532	10.924165	0.416377	
0.000153	0.120672	1.924165		
0.32465	7.336532	10.924165	0.416377	
0.000153	0.166557	39.051683		
0.48698	7.336532	10.924165	0.416377	
0.000153	0.490491	67.576830		
0.64930	7.336532	10.924165	0.416377	
0.000153	0.813699	96.376117		

COMB DL-G2-1

REL DIST	P	M2	M3	V3
0.00000	-0.654062	-48.370001	-0.537047	
-0.001003	-0.477471	-25.560550		
0.16233	-0.654062	-48.370001	-0.537047	
-0.001003	-0.153597	-13.579329		
0.32465	-0.654062	-48.370001	-0.537047	
-0.001003	-0.129374	-18.822109		
0.48698	-0.654062	-48.370001	-0.537047	
-0.001003	-0.380119	-24.894193		
0.64930	-0.654062	-48.370001	-0.537047	
-0.001003	-0.630776	-31.118343		
Program	SAP2000	Nonlinear	Version	7.42

0.007049 0.497465 177.587975

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.35071 -7.496144 -154.797458 -0.526804
-0.007124 -0.774736 -219.203321
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.51304 -7.496144 -154.797458 -0.526804
0.007124 -0.58572 -132.074007
0.67536 -7.496144 -154.797458 -0.526804
-0.007124 -0.169828 -76.560763
0.83768 -7.496144 -154.797458 -0.526804
0.007124 -0.163582 -39.782413
1.00000 -7.496144 -154.797458 -0.526804
-0.007124 -0.443601 -0.309371

COMB DL-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.35071 0.523739 58.553405 0.349717
0.000648 0.523739 135.674654 0.349717
0.51304 0.523739 58.553405 0.349717
0.000648 0.318574 100.498180 0.349717
0.67536 0.523739 58.553405 0.349717
0.000648 0.107961 65.394307 0.349717
0.83768 0.523739 58.553405 0.349717
0.000648 0.112332 30.739553 0.349717
1.00000 0.523739 58.553405 0.349717
0.000648 0.348372 2.083439

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.35071 -7.815517 -6.002659 -0.391629
-0.000327 -0.584130 -84.344189 -0.391629
0.51304 -7.815517 -6.002659 -0.391629
-0.000327 -0.357491 -9.521872
0.67536 -7.815517 -6.002659 -0.391629
-0.000327 -0.121443 6.017684
0.83768 -7.815517 -6.002659 -0.391629
-0.000327 -0.100844 -2.919398
1.00000 -7.815517 -6.002659 -0.391629
-0.000327 -0.311412 -5.964349

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.35071 5.966412 84.344189 0.509562
0.007306 5.966412 258.422889 0.509562
0.51304 5.966412 84.344189 0.509562
0.007306 4.48805 210.523717 0.509562
0.67536 5.966412 84.344189 0.509562
0.007306 0.158750 182.625479 0.509562
0.83768 5.966412 84.344189 0.509562
0.007306 0.203768 190.667848 0.509562
1.00000 5.966412 84.344189 0.509562
0.007306 0.566941 201.080373

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.35071 -9.929297 -96.368829 -0.602034
-0.006954 -0.881937 -79.856364 -0.602034
0.51304 -9.929297 -96.368829 -0.602034
-0.006954 -0.195444 -4.473791
0.67536 -9.929297 -96.368829 -0.602034
-0.006954 -0.188064 -3.474807
0.83768 -9.929297 -96.368829 -0.602034
-0.006954 -0.178145 -0.878928
1.00000 -9.929297 -96.368829 -0.602034
-0.006954 -0.485363 -0.011604

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.35071 11.064732 79.356894 0.685812
0.006329 1.019336 243.660609 0.685812
0.51304 11.064732 79.356894 0.685812
0.006329 0.12049 186.539821 0.685812
0.67536 11.064732 79.356894 0.685812
0.006329 0.212708 170.039040 0.685812
0.83768 11.064732 79.356894 0.685812
0.006329 0.254516 172.112689 0.685812
1.00000 11.064732 79.356894 0.685812
0.006329 0.734958 197.452663 0.685812
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.35071 -9.324379 -134.650303 -0.797439
-0.006249 -1.184117 -173.007665 -0.797439
0.51304 -9.324379 -134.650303 -0.797439
-0.006249 -0.343663 -94.346822 -0.797439
0.67536 -9.324379 -134.650303 -0.797439
-0.006249 -0.248638 -44.798966 -0.797439
0.83768 -9.324379 -134.650303 -0.797439
-0.006249 -0.398689 -79.39449 -0.797439
1.00000 -9.324379 -134.650303 -0.797439
-0.006249 -0.637008 -0.009382

COMB DL-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.35071 7.529930 5.827352 0.342711
0.000253 0.518482 10.879617 0.342711
0.51304 7.529930 5.827352 0.342711
0.000253 0.312328 7.569917 0.342711
0.67536 7.529930 5.827352 0.342711
0.000253 0.105953 4.556083 0.342711
0.83768 7.529930 5.827352 0.342711
0.000253 0.106309 2.043988 0.342711
1.00000 7.529930 5.827352 0.342711
0.000253 0.327325 1.326709

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.35071 -0.485547 -53.908147 -0.366036
-0.000585 -0.554655 -150.999105 -0.366036
0.51304 -0.485295 -53.908147 -0.366036
0.000585 -0.334567 -118.785593 -0.366036
0.67536 -0.485295 -53.908147 -0.366036
-0.000585 -0.113840 -86.942025 -0.366036
0.83768 -0.485295 -53.908147 -0.366036
0.000585 -0.099109 -55.543406 -0.366036
1.00000 -0.485295 -53.908147 -0.366036
-0.000585 -0.306368 -25.363545

COMB DL-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.35071 14.425287 16.233595 0.499637
0.006498 0.194472 127.639584 0.499637
0.51304 14.425287 16.233595 0.499637
0.006498 0.540105 173.879782 0.499637
0.67536 14.425287 16.233595 0.499637
0.006498 0.440445 73.011530 0.499637
0.83768 14.425287 16.233595 0.499637
0.006498 0.155634 84.118110

0.83768 14.425287 16.233595 0.499637

COMB DL-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.35071 -1.194424 -157.558804 -0.572815
-0.006893 -0.840910 -242.023998 -0.572815
0.51304 -1.194424 -157.558804 -0.572815
-0.006893 -0.495837 -149.513413 -0.572815
0.67536 -1.194424 -157.558804 -0.572815
-0.006893 -0.173965 -89.512965 -0.572815
0.83768 -1.194424 -157.558804 -0.572815
-0.006893 -0.174660 -43.934696 -0.572815
1.00000 -1.194424 -157.558804 -0.572815
-0.006893 -0.475270 -0.628651

COMB DL-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.35071 13.353216 68.697416 0.691561
0.006249 0.102754 236.037949 0.691561
0.51304 13.353216 68.697416 0.691561
0.006249 0.616835 197.543177 0.691561
0.67536 13.353216 68.697416 0.691561
0.006249 0.214689 182.625479 0.691561
0.83768 13.353216 68.697416 0.691561
1.00000 13.353216 68.697416 0.691561
0.006249 0.735596 195.029619 0.691561
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.35071 -7.03632 -145.511641 -0.795982
-0.006371 -0.191748 -220.552941 -0.795982
0.51304 -7.03632 -145.511641 -0.795982
-0.006371 -0.702320 -135.692029 -0.795982
0.67536 -7.03632 -145.511641 -0.795982
-0.006371 -0.246490 -82.080714 -0.795982
0.83768 -7.03632 -145.511641 -0.795982
-0.006371 -0.226903 -39.511358 -0.795982
1.00000 -7.03632 -145.511641 -0.795982
-0.006371 -0.643200 -0.557051

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.35071 15.652787 82.080714 0.481760
0.007913 0.728515 225.029963 0.481760
0.51304 15.652787 82.080714 0.481760
0.007913 0.438675 177.399102 0.481760
0.67536 15.652787 82.080714 0.481760
0.007913 0.148814 150.917213 0.481760
0.83768 15.652787 82.080714 0.481760
0.007913 0.184291 167.141335 0.481760
1.00000 15.652787 82.080714 0.481760
0.007913 0.507874 185.050838

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.35071 -10.496426 -166.526289 -0.540738
-0.007547 -0.796767 -239.248100 -0.540738
0.51304 -10.496426 -166.526289 -0.540738
-0.007547 -0.472065 -145.61807 -0.540738
0.67536 -10.496426 -166.526289 -0.540738
-0.007547 -0.173530 -87.228549 -0.540738
0.83768 -10.496426 -166.526289 -0.540738
-0.007547 -0.163582 -39.556009 -0.540738
1.00000 -10.496426 -166.526289 -0.540738
-0.007547 -0.445652 -17.016099

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.35071 14.425287 84.344189 0.691561
0.007306 0.102754 258.422889 0.691561
0.51304 14.425287 84.344189 0.691561
0.007306 0.616835 210.523717 0.691561
0.67536 14.425287 84.344189 0.691561
0.007306 0.214689 182.625479 0.691561
0.83768 14.425287 84.344189 0.691561
0.007306 0.255660 190.667848 0.691561
1.00000 14.425287 84.344189 0.691561
0.007306 0.735596 201.080373

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.35071 -9.929297 -157.558804 -0.797439
-0.006954 -1.184117 -242.023998 -0.797439
0.51304 -9.929297 -157.558804 -0.797439
-0.006954 -0.703963 -149.513413 -0.797439
0.67536 -9.929297 -157.558804 -0.797439
-0.006954 -0.248638 -89.512965 -0.797439
0.83768 -9.929297 -157.558804 -0.797439
-0.006954 -0.226903 -55.543406 -0.797439
1.00000 -9.929297 -157.558804 -0.797439
-0.006954 -0.643200 -25.363545

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.35071 15.652787 84.344189 0.691561
0.007913 0.102754 258.422889 0.691561
0.51304 15.652787 84.344189 0.691561
0.007913 0.616835 210.523717 0.691561
0.67536 15.652787 84.344189 0.691561
0.007913 0.214689 182.625479 0.691561
0.83768 15.652787 84.344189 0.691561
0.007913 0.255660 190.667848 0.691561
1.00000 15.652787 84.344189 0.691561
0.007913 0.735596 201.080373 0.691561
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.35071 -10.496426 -166.526289 -0.797439
-0.007547 -0.796767 -239.248100 -0.797439
0.51304 -10.496426 -166.526289 -0.797439
-0.007547 -0.703963 -149.513413 -0.797439
0.67536 -10.496426 -166.526289 -0.797439
-0.007547 -0.248638 -89.512965 -0.797439
0.83768 -10.496426 -166.526289 -0.797439
-0.007547 -0.226903 -55.543406 -0.797439
1.00000 -10.496426 -166.526289 -0.797439
-0.007547 -0.643200 -25.363545

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.35071 15.652787 84.344189 0.691561
0.007913 0.102754 258.422889 0.691561
0.51304 15.652787 84.344189 0.691561
0.007913 0.616835 210.523717 0.691561
0.67536 15.652787 84.344189 0.691561
0.007913 0.214689 182.625479 0.691561

0.83768 15.652787 84.344189 0.691561

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.35071 -10.496426 -166.526289 -0.797439
-0.007547 -0.796767 -239.248100 -0.797439
0.51304 -10.496426 -166.526289 -0.797439
-0.007547 -0.703963 -149.513413 -0.797439
0.67536 -10.496426 -166.526289 -0.797439
-0.007547 -0.248638 -89.512965 -0.797439
0.83768 -10.496426 -166.526289 -0.797439
-0.007547 -0.226903 -55.543406 -0.797439
1.00000 -10.496426 -166.526289 -0.797439
-0.007547 -0.643200 -25.363545

ELEM 158 ----- LENGTH

3.706719

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.592097 55.526023 0.257298
0.000710 0.227941 1.412340 0.257298
0.000710 0.592097 55.526023 0.257298
0.000710 0.073165 3.855177 0.257298
0.32464 0.592097 55.526023 0.257298
0.000710 0.090270 6.467898 0.257298
0.48696 0.592097 55.526023 0.257298
0.000710 0.164237 12.33968 0.257298
0.64929 0.592097 55.526023 0.257298
0.000710 0.438218 11.805290

COMB DB-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -8.149722 -4.465196 -0.289160
-0.000395 -0.257710 -5.181654 -0.289160
0.16232 -8.149722 -4.465196 -0.289160
0.32464 -8.149722 -4.465196 -0.289160
-0.000395 -0.081693 -91.823692 -0.289160
0.48696 -8.149722 -4.465196 -0.289160
0.00000 -0.236504 -105.170083 -0.289160
0.64929 -8.149722 -4.465196 -0.289160
-0.000395 -0.391315 -138.546866

COMB DB-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.484276 170.435076 0.349492
0.007973 0.325226 185.510596 0.349492
0.16232 1.484276 170.435076 0.349492
0.007973 0.125669 125.122790 0.349492
0.32464 1.484276 170.435076 0.349492
0.007973 0.136752 70.294342 0.349492
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.48696 1.484276 170.435076 0.349492
0.007973 0.325226 185.510596 0.349492
0.16232 1.484276 170.435076 0.349492
0.007973 0.125669 125.122790 0.349492
0.32464 1.484276 170.435076 0.349492
0.007973 0.136752 70.294342 0.349492
Program SAP2000 Nonlinear Version 7.42
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COMB DB-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -15.744750 -17.512983 -0.426684
-0.007591 -0.411275 -0.011567 -0.426684
0.16232 -15.744750 -17.512983 -0.426684
-0.007591 -0.154526 -35.475692 -0.426684
0.32464 -15.744750 -17.512983 -0.426684
-0.007591 -0.110690 -78.107584 -0.426684
0.48696 -15.744750 -17.512983 -0.426684
-0.007591 -0.320971 -135.377448 -0.426684
0.64929 -15.744750 -17.512983 -0.426684
-0.007591 -0.531274 -230.766618

COMB DB-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.927305 149.492628 0.463236
0.006917 0.424750 175.759862 0.463236
0.16232 7.927305 149.492628 0.463236
0.006917 0.154742 157.893709 0.463236
0.32464 7.927305 149.492628 0.463236
0.006917 0.171290 14.712178 0.463236
0.48696 7.927305 149.492628 0.46

[illegible]

0.83768 14.431773 84.406655 0.763911
0.006996 0.218768 190.734761 0.763911
0.006996 0.619908 201.038714
COMB DL-----MIN
REL DIST P M2 M3 V3
0.35072 -9.936039 -157.615765 -0.668399
-0.007325 -1.000078 -242.161420
0.51304 -9.936039 -157.615765 -0.668399
-0.007325 -0.599918 -149.616151
0.67536 -9.936039 -157.615765 -0.668399
-0.007325 -0.207959 -89.579715
0.83768 -9.936039 -157.615765 -0.668399
-0.007325 -0.245554 -55.573583
1.00000 -9.936039 -157.615765 -0.668399
-0.007325 -0.705084 -25.367193

COMB CAR-----MAX
REL DIST P M2 M3 V3
0.35072 15.663451 84.406655 0.763911
0.007563 1.132176 258.521534
0.51304 15.663451 84.406655 0.763911
0.007563 0.671728 210.595003
0.67536 15.663451 84.406655 0.763911
0.007563 0.237078 182.681103
0.83768 15.663451 84.406655 0.763911
0.007563 0.218768 190.734761
1.00000 15.663451 84.406655 0.763911
0.007563 0.619908 201.038714
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB CAR-----MIN
REL DIST P M2 M3 V3
0.35072 -10.503358 -166.554468 -0.668399
-0.007914 -1.000078 -242.161420
0.51304 -10.503358 -166.554468 -0.668399
-0.007914 -0.599918 -149.616151
0.67536 -10.503358 -166.554468 -0.668399
-0.007914 -0.207959 -89.579715
0.83768 -10.503358 -166.554468 -0.668399
-0.007914 -0.245554 -55.573583
1.00000 -10.503358 -166.554468 -0.668399
-0.007914 -0.705084 -25.367193

COMB DESIGN-----MAX
REL DIST P M2 M3 V3
0.35072 15.663451 84.406655 0.763911
0.007563 1.132176 258.521534
0.51304 15.663451 84.406655 0.763911
0.007563 0.671728 210.595003
0.67536 15.663451 84.406655 0.763911
0.007563 0.237078 182.681103
0.83768 15.663451 84.406655 0.763911
0.007563 0.218768 190.734761
1.00000 15.663451 84.406655 0.763911
0.007563 0.619908 201.038714

COMB DESIGN-----MIN
REL DIST P M2 M3 V3
0.35072 -10.503358 -166.554468 -0.668399
-0.007914 -1.000078 -242.161420
0.51304 -10.503358 -166.554468 -0.668399
-0.007914 -0.599918 -149.616151
0.67536 -10.503358 -166.554468 -0.668399
-0.007914 -0.207959 -89.579715
0.83768 -10.503358 -166.554468 -0.668399
-0.007914 -0.245554 -55.573583
1.00000 -10.503358 -166.554468 -0.668399
-0.007914 -0.705084 -25.367193

ELEM 160-----LENGTH
= 3.706656

COMB DB-G1-1-----MAX
REL DIST P M2 M3 V3
0.00000 0.612941 55.550215 0.324292
0.000375 0.288012 1.418302
0.16232 0.612941 55.550215 0.324292
0.000375 0.092941 3.853860
0.32464 0.612941 55.550215 0.324292
0.000375 0.098662 6.520218
0.48696 0.612941 55.550215 0.324292
0.000375 0.289065 9.198949
0.64928 0.612941 55.550215 0.324292
0.000375 0.479454 11.902809

COMB DB-G1-1-----MIN
REL DIST P M2 M3 V3
0.00000 0.612941 55.550215 0.324292
0.000375 0.288012 1.418302
0.16232 0.612941 55.550215 0.324292
0.000375 0.092941 3.853860
0.32464 0.612941 55.550215 0.324292
0.000375 0.098662 6.520218
0.48696 0.612941 55.550215 0.324292
0.000375 0.289065 9.198949
0.64928 0.612941 55.550215 0.324292
0.000375 0.479454 11.902809

COMB DB-G1-2-----MAX
REL DIST P M2 M3 V3
0.00000 1.509106 170.463553 0.471175
0.007568 0.449649 185.505456
0.16232 1.509106 170.463553 0.471175
0.007568 0.166198 125.150719
0.32464 1.509106 170.463553 0.471175
0.007568 0.135087 9.352222
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.48696 1.509106 170.463553 0.471175
0.007568 0.395939 57.616346
0.64928 1.509106 170.463553 0.471175
0.007568 0.656730 66.417501
COMB DB-G1-2-----MIN
REL DIST P M2 M3 V3
0.00000 -15.751477 -17.557888 -0.433451
0.008016 -0.392981 -0.018887
0.16232 -15.751477 -17.557888 -0.433451
-0.008016 -0.148973 -35.488707
0.32464 -15.751477 -17.557888 -0.433451
0.008016 -0.151804 -78.135741
0.48696 -15.751477 -17.557888 -0.433451
-0.008016 -0.403045 -135.419141
0.64928 -15.751477 -17.557888 -0.433451
-0.008016 -0.685630 -230.819723

COMB DB-G1-3-----MAX
REL DIST P M2 M3 V3
0.00000 1.509106 170.463553 0.471175
0.007568 0.395939 57.616346
0.64928 1.509106 170.463553 0.471175
0.007568 0.656730 66.417501

COMB DB-G1-3-----MIN
REL DIST P M2 M3 V3
0.00000 -15.751477 -17.557888 -0.433451
0.008016 -0.392981 -0.018887
0.16232 -15.751477 -17.557888 -0.433451
-0.008016 -0.148973 -35.488707
0.32464 -15.751477 -17.557888 -0.433451
0.008016 -0.151804 -78.135741
0.48696 -15.751477 -17.557888 -0.433451
-0.008016 -0.403045 -135.419141
0.64928 -15.751477 -17.557888 -0.433451
-0.008016 -0.685630 -230.819723

COMB DB-G1-3-----MAX
REL DIST P M2 M3 V3
0.00000 1.509106 170.463553 0.471175
0.007568 0.395939 57.616346
0.64928 1.509106 170.463553 0.471175
0.007568 0.656730 66.417501

COMB DB-G1-3-----MIN
REL DIST P M2 M3 V3
0.00000 -15.751477 -17.557888 -0.433451
0.008016 -0.392981 -0.018887
0.16232 -15.751477 -17.557888 -0.433451
-0.008016 -0.148973 -35.488707
0.32464 -15.751477 -17.557888 -0.433451
0.008016 -0.151804 -78.135741
0.48696 -15.751477 -17.557888 -0.433451
-0.008016 -0.403045 -135.419141
0.64928 -15.751477 -17.557888 -0.433451
-0.008016 -0.685630 -230.819723

COMB DB-G1-3-----MAX
REL DIST P M2 M3 V3
0.00000 1.509106 170.463553 0.471175
0.007568 0.395939 57.616346
0.64928 1.509106 170.463553 0.471175
0.007568 0.656730 66.417501

COMB DB-G1-3-----MIN
REL DIST P M2 M3 V3
0.00000 -15.751477 -17.557888 -0.433451
0.008016 -0.392981 -0.018887
0.16232 -15.751477 -17.557888 -0.433451
-0.008016 -0.148973 -35.488707
0.32464 -15.751477 -17.557888 -0.433451
0.008016 -0.151804 -78.135741
0.48696 -15.751477 -17.557888 -0.433451
-0.008016 -0.403045 -135.419141
0.64928 -15.751477 -17.557888 -0.433451
-0.008016 -0.685630 -230.819723

COMB DB-G1-3-----MAX
REL DIST P M2 M3 V3
0.00000 1.509106 170.463553 0.471175
0.007568 0.395939 57.616346
0.64928 1.509106 170.463553 0.471175
0.007568 0.656730 66.417501

COMB DB-G1-3-----MIN
REL DIST P M2 M3 V3
0.00000 -15.751477 -17.557888 -0.433451
0.008016 -0.392981 -0.018887
0.16232 -15.751477 -17.557888 -0.433451
-0.008016 -0.148973 -35.488707
0.32464 -15.751477 -17.557888 -0.433451
0.008016 -0.151804 -78.135741
0.48696 -15.751477 -17.557888 -0.433451
-0.008016 -0.403045 -135.419141
0.64928 -15.751477 -17.557888 -0.433451
-0.008016 -0.685630 -230.819723

COMB DB-G1-3-----MAX
REL DIST P M2 M3 V3
0.00000 1.509106 170.463553 0.471175
0.007568 0.395939 57.616346
0.64928 1.509106 170.463553 0.471175
0.007568 0.656730 66.417501

COMB DB-G1-3-----MIN
REL DIST P M2 M3 V3
0.00000 -15.751477 -17.557888 -0.433451
0.008016 -0.392981 -0.018887
0.16232 -15.751477 -17.557888 -0.433451
-0.008016 -0.148973 -35.488707
0.32464 -15.751477 -17.557888 -0.433451
0.008016 -0.151804 -78.135741
0.48696 -15.751477 -17.557888 -0.433451
-0.008016 -0.403045 -135.419141
0.64928 -15.751477 -17.557888 -0.433451
-0.008016 -0.685630 -230.819723

COMB DB-G1-3-----MAX
REL DIST P M2 M3 V3
0.00000 1.509106 170.463553 0.471175
0.007568 0.395939 57.616346
0.64928 1.509106 170.463553 0.471175
0.007568 0.656730 66.417501

COMB DB-G1-3-----MIN
REL DIST P M2 M3 V3
0.00000 -15.751477 -17.557888 -0.433451
0.008016 -0.392981 -0.018887
0.16232 -15.751477 -17.557888 -0.433451
-0.008016 -0.148973 -35.488707
0.32464 -15.751477 -17.557888 -0.433451
0.008016 -0.151804 -78.135741
0.48696 -15.751477 -17.557888 -0.433451
-0.008016 -0.403045 -135.419141
0.64928 -15.751477 -17.557888 -0.433451
-0.008016 -0.685630 -230.819723

0.00000 7.955663 149.545988 0.544848
0.006762 0.510538 175.556102
0.16232 7.955663 149.545988 0.544848
0.006762 0.182733 157.905539
0.32464 7.955663 149.545988 0.544848
0.006762 0.156041 145.823981
0.48696 7.955663 149.545988 0.544848
0.006762 0.458285 168.634922
0.64928 7.955663 149.545988 0.544848
0.006762 0.760456 209.326015

COMB DB-G1-3-----MIN
REL DIST P M2 M3 V3
0.00000 -14.231381 -70.064067 -0.502226
-0.006902 -0.453663 -0.016484
0.16232 -14.231381 -70.064067 -0.502226
-0.006902 -0.165452 -31.787633
0.32464 -14.231381 -70.064067 -0.502226
-0.006902 -0.173673 -71.541705
0.48696 -14.231381 -70.064067 -0.502226
0.006902 -0.134522 75.520206
0.64928 -14.231381 -70.064067 -0.502226
-0.006902 -0.801799 -207.737298

COMB DB-G2-1-----MAX
REL DIST P M2 M3 V3
0.00000 7.941100 4.376563 0.220370
0.000821 0.197066 0.934983
0.16232 7.941100 4.376563 0.220370
0.000821 0.064469 14.233134
0.32464 7.941100 4.376563 0.220370
0.000821 0.045619 4.285631
0.48696 7.941100 4.376563 0.220370
0.000821 0.134522 75.520206
0.64928 7.941100 4.376563 0.220370
0.000821 0.223525 106.278830

COMB DB-G2-1-----MIN
REL DIST P M2 M3 V3
0.00000 -0.559251 -51.143242 -0.147848
-0.000468 -0.132290 -17.056206
0.16232 -0.559251 -51.143242 -0.147848
-0.000468 0.043361 -4.870341
0.32464 -0.592911 -14.233134 -0.147848
-0.000468 -0.068130 -7.000443
0.48696 -0.559251 -51.143242 -0.147848
-0.000468 0.200703 -9.517981
0.64928 -0.592911 -14.233134 -0.147848
-0.000468 -0.333291 -12.095911

COMB DB-G2-2-----MAX
REL DIST P M2 M3 V3
0.00000 10.823055 97.148592 0.333742
0.007518 0.327182 165.373938
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.16232 10.823055 97.148592 0.333742
0.007518 0.126271 154.587979
0.32464 10.823055 97.148592 0.333742
0.007518 0.07316 144.173434
0.48696 10.823055 97.148592 0.333742
0.007518 0.216265 173.022132
0.64928 10.823055 97.148592 0.333742
0.007518 0.359195 222.004584

COMB DB-G2-2-----MIN
REL DIST P M2 M3 V3
0.00000 -6.224797 -84.134538 -0.237515
-0.007109 -0.218517 -0.333742
0.16232 -6.224797 -84.134538 -0.237515
-0.007109 -0.091292 -2.756915
0.32464 -6.224797 -84.134538 -0.237515
0.48696 -6.224797 -84.134538 -0.237515
0.007109 -0.277295 -21.433172
0.64928 -6.224797 -84.134538 -0.237515
-0.007109 -0.477248 -73.254678

COMB DB-G2-3-----MAX
REL DIST P M2 M3 V3
0.00000 10.127008 143.065749 0.524070
0.007365 0.493923 177.954410
0.16232 10.127008 143.065749 0.524070
0.007365 0.178414 148.611703
0.32464 10.127008 143.065749 0.524070
0.007365 0.137414 37.895787
0.48696 10.127008 143.065749 0.524070
0.007365 0.403956 146.280633
0.64928 10.127008 143.065749 0.524070
0.007365 0.670459 209.545034

COMB DB-G2-3-----MIN
REL DIST P M2 M3 V3
0.00000 -12.096098 -77.990344 -0.442909
-0.007245 -0.401143 -0.292765
0.16232 12.096098 -77.990344 -0.442909
-0.007245 -0.149277 -10.71918
0.32464 -12.096098 -77.990344 -0.442909
-0.007245 -0.166754 -44.284063
0.48696 -12.096098 -77.990344 -0.442909
-0.007245 -0.454054 -12.595151
0.64928 -12.096098 -77.990344 -0.442909
-0.007245 -0.768579 -170.843480

COMB DL-G1-1-----MAX
REL DIST P M2 M3 V3
0.00000 0.555223 58.088827 0.441127
0.000307 0.392233 2.106880
0.16232 0.555223 58.088827 0.441127
0.000307 0.126118 5.452725
0.32464 0.555223 58.088827 0.441127
0.000307 0.128942 8.995919
0.48696 0.555223 58.088827 0.441127
0.000307 0.373333 12.595151
0.64928 0.555223 58.088827 0.441127
0.000307 0.627838 16.182313

COMB DL-G1-1-----MIN
REL DIST P M2 M3 V3
0.00000 -7.765141 -6.025300 -0.414650
-0.006444 -0.368623 -6.016699
0.16232 -7.765141 -6.025300 -0.414650
-0.006444 -0.119487 -40.735397
0.32464 -7.765141 -6.025300 -0.414650
-0.006444 -0.137117 -75.680002
0.48696 -7.765141 -6.025300 -0.414650
-0.006444 -0.403490 -110.495384
0.64928 -7.765141 -6.025300 -0.414650
-0.006444 -0.690920 -145.405975
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2-----MAX
REL DIST P M2 M3 V3
0.00000 10.823055 97.148592 0.333742
0.007518 0.327182 165.373938
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT
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COMB DL-G1-2-----MIN
REL DIST P M2 M3 V3
0.00000 -15.751477 -17.557888 -0.433451
0.008016 -0.392981 -0.018887
0.16232 -15.751477 -17.557888 -0.433451
-0.008016 -0.148973 -35.488707
0.32464 -15.751477 -17.557888 -0.433451
0.008016 -0.151804 -78.135741
0.48696 -15.751477 -17.557888 -0.433451
-0.008016 -0.403045 -135.419141
0.64928 -15.751477 -17.557888 -0.433451
-0.008016 -0.685630 -230.819723

COMB DL-G1-2-----MAX
REL DIST P M2 M3 V3
0.00000 10.823055 97.148592 0.333742
0.007518 0.327182 165.373938
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT
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COMB DL-G1-2-----MIN
REL DIST P M2 M3 V3
0.00000 -15.751477 -17.557888 -0.433451
0.008016 -0.392981 -0.018887
0.16232 -15.751477 -17.557888 -0.433451
-0.008016 -0.148973 -35.488707
0.32464 -15.751477 -17.557888 -0.433451

0.007136 0.529273 169.912065 0.609429
0.67536 7.08355 77.923442
0.007136 0.194023 145.526445 0.609429
0.83768 7.08355 77.923442 0.609429
0.007136 0.147821 164.166824 0.609429
1.00000 7.08355 77.923442
0.007136 0.409440 184.572512

COMB DB-G1-2 MIN

REL DIST T M2 V2 V3
0.35072 -10.388508 -111.517759 -0.459619
0.008245 -0.696635 -92.302340
0.51304 -10.388508 -111.517759 -0.459619
-0.008245 -0.420103 -31.751659 -0.459619
0.67536 -10.388508 -111.517759 -0.459619
0.008245 -0.141535 -9.469624 -0.459619
0.83768 -10.388508 -111.517759 -0.459619
-0.008245 -0.206663 -3.222362 -0.459619
1.00000 -10.388508 -111.517759 -0.459619
-0.008245 -0.573098 -0.044650

COMB DB-G1-3 MAX

REL DIST T M2 M3 V3
0.35072 12.458513 75.681550 0.648361
0.006753 0.955892 209.319353
0.51304 12.458513 75.681550 0.648361
0.006753 0.563859 169.912065 0.648361
0.67536 12.458513 75.681550 0.648361
0.006753 0.204691 138.564208 0.648361
0.83768 12.458513 75.681550 0.648361
0.006753 0.158864 121.4743204 0.648361
1.00000 12.458513 75.681550 0.648361
0.006753 0.450409 174.743281

COMB DB-G1-3 MIN

REL DIST T M2 M3 V3
0.35072 -9.952632 -144.791037 -0.505031
-0.007052 -0.764975 -181.852374 -0.505031
0.51304 -9.952632 -144.791037 -0.505031
-0.007052 -0.461126 -100.171383 -0.505031
0.67536 -9.952632 -144.791037 -0.505031
-0.007052 -0.157235 -50.277345 -0.505031
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V2 V3
0.83768 -9.952632 -144.791037 -0.505031
-0.007052 -0.461126 -100.171383 -0.505031
1.00000 -9.952632 -144.791037 -0.505031
-0.007052 -0.603540 -0.041076

COMB DB-G2-1 MAX

REL DIST T M2 M3 V3
0.35072 7.781520 8.947869 0.201152
0.000979 0.304055 19.302456 0.201152
0.51304 7.781520 8.947869 0.201152
0.000979 0.183028 13.962308 0.201152
0.67536 7.781520 8.947869 0.201152
0.000979 0.062020 6.699314 0.201152
0.83768 7.781520 8.947869 0.201152
0.000979 0.035656 2.571390 0.201152
1.00000 7.781520 8.947869 0.201152
0.000979 0.107801 0.929185

COMB DB-G2-1 MIN

REL DIST T M2 M3 V3
0.35072 -0.814113 -46.465273 -0.119958
-1.12E-05 -0.180880 -128.554490 -0.119958
0.51304 -0.814113 -46.465273 -0.119958
-1.12E-05 -0.108683 -100.615147 -0.119958
0.67536 -0.814113 -46.465273 -0.119958
-1.12E-05 -0.036527 -7.730445 -0.119958
0.83768 -0.814113 -46.465273 -0.119958
-1.12E-05 -0.059022 -46.465273 -0.119958
1.00000 -0.814113 -46.465273 -0.119958
-1.12E-05 -0.180055 -17.070069 -0.119958

COMB DB-G2-2 MAX

REL DIST T M2 M3 V3
0.35072 15.571257 19.280539 0.359128
0.007889 0.516774 64.456118 0.359128
0.51304 15.571257 19.280539 0.359128
0.007889 0.300922 54.442176 0.359128
0.67536 15.571257 19.280539 0.359128
0.007889 0.191871 144.091162 0.359128
0.83768 15.571257 19.280539 0.359128
0.007889 0.076011 113.205637 0.359128
1.00000 15.571257 19.280539 0.359128
0.007889 0.189658 164.274911

COMB DB-G2-2 MIN

REL DIST T M2 M3 V3
0.35072 -1.515924 -161.475509 -0.212130
-0.006633 -0.320794 -167.723933 -0.212130
0.51304 -1.515924 -161.475509 -0.212130
-0.006633 -0.193168 -136.685800 -0.212130
0.67536 -1.515924 -161.475509 -0.212130
-0.006633 -0.065510 -81.420204 -0.212130
0.83768 -1.515924 -161.475509 -0.212130
-0.006633 -0.136567 -40.215403 -0.212130
1.00000 -1.515924 -161.475509 -0.212130
-0.006633 -0.349485 -0.371203

COMB DB-G2-3 MAX

REL DIST T M2 M3 V3
0.35072 14.713004 68.594396 0.607827
0.007311 0.895723 205.586635 0.607827
0.51304 14.713004 68.594396 0.607827
0.007311 0.530222 162.812194 0.607827
0.67536 14.713004 68.594396 0.607827
0.007311 0.191871 144.091162 0.607827
0.83768 14.713004 68.594396 0.607827
0.007311 0.138679 126.868715 0.607827
1.00000 14.713004 68.594396 0.607827
0.007311 0.385592 176.817250

COMB DB-G2-3 MIN

REL DIST T M2 M3 V3
0.35072 -7.709961 -153.158073 -0.432023
-0.006813 -0.654073 -214.669017 -0.432023
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.51304 -7.709961 -153.158073 -0.432023
-0.006813 -0.303438 -126.348049 -0.432023
0.67536 -7.709961 -153.158073 -0.432023
-0.006813 -0.134182 -75.479829 -0.432023
0.83768 -7.709961 -153.158073 -0.432023
-0.006813 -0.203447 -36.276540 -0.432023
1.00000 -7.709961 -153.158073 -0.432023
-0.006813 -0.568941 -0.360721

COMB DL-G1-1

REL DIST T M2 M3 V3
0.35072 0.722629 53.126129 0.540000
1.82E-05 0.818157 122.943740 0.540000
0.51304 0.722629 53.126129 0.540000
1.82E-05 0.493156 91.047419 0.540000
0.67536 0.722629 53.126129 0.540000
1.82E-05 0.168273 59.208091 0.540000
0.83768 0.722629 53.126129 0.540000
1.82E-05 0.127203 27.162702 0.540000
1.00000 0.722629 53.126129 0.540000
1.82E-05 0.391498 2.194631

COMB DL-G1-1 MIN

REL DIST T M2 M3 V3
0.35072 -7.574435 -10.782766 -0.439334
-0.000997 -0.664905 -24.591345 -0.439334
0.51304 -7.574435 -10.782766 -0.439334
-0.000997 -0.399526 -16.162674 -0.439334
0.67536 -7.574435 -10.782766 -0.439334
-0.000997 -0.136250 -11.797913 -0.439334
0.83768 -7.574435 -10.782766 -0.439334
-0.000997 -0.155127 -5.817433 -0.439334
1.00000 -7.574435 -10.782766 -0.439334
-0.000997 -0.479904 -5.757275

COMB DL-G1-2 MAX

REL DIST T M2 M3 V3
0.35072 6.190131 78.246423 0.83876
0.006640 1.237292 244.363513 0.83876
0.51304 6.190131 78.246423 0.83876
0.006640 0.736044 200.066452 0.83876
0.67536 6.190131 78.246423 0.83876
0.006640 0.261277 175.464304 0.83876
0.83768 6.190131 78.246423 0.83876
0.006640 0.204854 186.855232 0.83876
1.00000 6.190131 78.246423 0.83876
0.006640 0.563859 200.709673

COMB DL-G1-2 MIN

REL DIST T M2 M3 V3
0.35072 -9.640741 -101.617107 -0.614633
-0.007703 -0.926771 -93.059007 -0.614633
0.51304 -9.640741 -101.617107 -0.614633
-0.007703 -0.558908 -34.447011 -0.614633
0.67536 -9.640741 -101.617107 -0.614633
-0.007703 -0.190776 -10.857095 -0.614633
0.83768 -9.640741 -101.617107 -0.614633
-0.007703 -0.270338 -3.784699 -0.614633
1.00000 -9.640741 -101.617107 -0.614633
-0.007703 -0.771069 -0.052712

COMB DL-G1-3 MAX

REL DIST T M2 M3 V3
0.35072 11.114608 77.209706 0.902139
0.006711 1.344351 244.363513 0.902139
0.51304 11.114608 77.209706 0.902139
0.006711 0.802252 196.278676 0.902139
0.67536 11.114608 77.209706 0.902139
0.006711 0.281626 168.824444 0.902139
0.83768 11.114608 77.209706 0.902139
0.006711 0.206710 171.757573 0.902139
1.00000 11.114608 77.209706 0.902139
0.006711 0.580457 196.799705 0.902139
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 MIN

REL DIST T M2 M3 V3
0.35072 0.918606 135.354240 -0.637040
-0.006507 -0.961982 -176.828100 -0.637040
0.51304 0.918606 135.354240 -0.637040
-0.006507 -0.578398 -97.206944 -0.637040
0.67536 0.918606 135.354240 -0.637040
-0.006507 -0.196645 -46.901666 -0.637040
0.83768 0.918606 135.354240 -0.637040
-0.006507 -0.284413 -11.087413 -0.637040
1.00000 0.918606 135.354240 -0.637040
-0.006507 -0.826098 -0.468933

COMB DL-G2-1 MAX

REL DIST T M2 M3 V3
0.35072 7.311423 10.900017 0.248876
0.000914 0.376385 23.254720 0.248876
0.51304 7.311423 10.900017 0.248876
0.000914 0.226793 16.768060 0.248876
0.67536 7.311423 10.900017 0.248876
0.000914 0.077216 10.355549 0.248876
0.83768 7.311423 10.900017 0.248876
0.000914 0.040884 4.246593 0.248876
1.00000 7.311423 10.900017 0.248876
0.000914 0.125135 1.320806

COMB DL-G2-1 MIN

REL DIST T M2 M3 V3
0.35072 -0.685416 -48.045538 -0.139388
-0.001067 -0.210353 -137.444140 -0.139388
0.51304 -0.685416 -48.045538 -0.139388
-0.001067 -0.126210 -108.100254 -0.139388
0.67536 -0.685416 -48.045538 -0.139388
-0.001067 -0.041975 -7.9902516 -0.139388
0.83768 -0.685416 -48.045538 -0.139388
-0.001067 -0.071821 -51.695055 -0.139388
1.00000 -0.685416 -48.045538 -0.139388
-0.001067 -0.221058 -25.529966 -0.139388

COMB DL-G2-2 MAX

REL DIST T M2 M3 V3
0.35072 14.166503 22.170073 0.467767
0.007285 0.683163 94.627314 0.467767
0.51304 14.166503 22.170073 0.467767
0.007285 0.402619 83.753529 0.467767
0.67536 14.166503 22.170073 0.467767
0.007285 0.146371 91.080292 0.467767
0.83768 14.166503 22.170073 0.467767
0.007285 0.096700 131.170073 0.467767
1.00000 14.166503 22.170073 0.467767
0.007285 0.236159 173.006270

COMB DL-G2-2 MIN

REL DIST T M2 M3 V3
0.35072 -1.409318 -150.388509 -0.246869
-0.006107 -0.371197 -225.620167 -0.246869
0.51304 -1.409318 -150.388509 -0.246869
-0.006107 -0.223011 -137.403789 -0.246869
0.67536 -1.409318 -150.388509 -0.246869
-0.006107 -0.075052 -81.468717 -0.246869
0.83768 -1.409318 -150.388509 -0.246869
-0.006107 -0.162997 -40.764222 -0.246869
1.00000 -1.409318 -150.388509 -0.246869
-0.006107 -0.443141 -0.666504

COMB DL-G2-3 MAX

REL DIST T M2 M3 V3
0.35072 13.242688 70.582677 0.814206
0.006595 0.210972 240.528034 0.814206
0.51304 13.242688 70.582677 0.814206
0.006595 0.721207 200.528034 0.814206
0.67536 13.242688 70.582677 0.814206
0.006595 0.254211 177.132614

0.83768 13.242688 70.582677 0.814206
0.006595 0.177533 184.049955 0.814206
1.00000 13.242688 70.582677 0.814206
0.006595 0.490873 194.200356 0.814206
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 MIN

REL DIST T M2 M3 V3
0.35072 -7.064741 -142.109961 -0.534919
-0.006098 -0.807392 -212.674736 -0.534919
0.51304 -7.064741 -142.109961 -0.534919
-0.006098 -0.485615 -129.436861 -0.534919
0.67536 -7.064741 -142.109961 -0.534919
-0.006098 -0.164541 -75.672818 -0.534919
0.83768 -7.064741 -142.109961 -0.534919
-0.006098 -0.259622 -36.127903 -0.534919
1.00000 -7.064741 -142.109961 -0.534919
-0.006098 -0.748252 -0.589491

COMB DB G1-1 MIN

REL DIST T M2 M3 V3
0.00000 -8.057745 -8.801154 -0.332625
-0.001061 -0.296510 -5.052834 -0.332625
0.006232 -8.057745 -8.801154 -0.332625
-0.001061 -0.096379 -36.007073 -0.332625
0.32464 -8.057745 -8.801154 -0.332625
-0.001061 -0.120942 -66.991571 -0.332625
0.006896 -8.057745 -8.801154 -0.332625
-0.001061 -0.352086 -98.151485 -0.332625
0.64928 -8.057745 -8.801154 -0.332625
-0.001061 -0.583253 -129.081974 -0.332625

COMB DB-G1-2 MAX

REL DIST T M2 M3 V3
0.00000 1.794223 166.121475 0.600913
0.007088 0.564661 185.040759 0.600913
0.16232 1.794223 166.121475 0.600913
0.007088 0.203290 128.121045 0.600913
0.32464 1.794223 166.121475 0.600913
0.007088 0.144561 76.237748 0.600913
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.48696 1.794223 166.121475 0.600913
0.007088 0.423468 66.776503 0.600913
0.64928 1.794223 166.121475 0.600913
0.007088 0.702361 78.514495

COMB DB-G1-2 MIN

REL DIST T M2 M3 V3
0.35072 -10.388508 -161.475509 -0.505031
-0.008245 -0.926771 -93.059007 -0.505031
0.51304 -10.388508 -161.475509 -0.505031
-0.008245 -0.461126 -136.685800 -0.505031
0.67536 -10.388508 -161.475509 -0.505031
-0.008245 -0.157235 -50.277345 -0.505031
0.83768 -10.388508 -161.475509 -0.505031
-0.008245 -0.213616 -44.869243 -0.505031
1.00000 -10.388508 -161.475509 -0.505031
-0.008245 -0.603540 -17.070069 -0.505031

COMB DB G1-1 MAX

REL DIST T M2 M3 V3
0.35072 14.166503 78.246423 0.902139
0.007285 1.344351 244.363513 0.902139
0.51304 14.166503 78.246423 0.902139
0.007285 0.802252 200.528034 0.902139
0.67536 14.166503 78.246423 0.902139
0.007285 0.281626 177.132614 0.902139
0.83768 14.166503 78.246423 0.902139
0.007285 0.206710 186.855232 0.902139
1.00000 14.166503 78.246423 0.902139
0.007285 0.580457 200.709673

COMB DL G1-1 MIN

REL DIST T M2 M3 V3
0.35072 -9.640741 -150.388509 -0.637040
-0.007703 -0.961982 -225.620167 -0.637040
0.51304 -9.640741 -150.388509 -0.637040
-0.007703 -0.578398 -97.206944 -0.637040
0.67536 -9.640741 -150.388509 -0.637040
-0.007703 -0.196645 -46.901666 -0.637040
0.83768 -9.640741 -150.388509 -0.637040
-0.007703 -0.284413 -11.087413 -0.637040
1.00000 -9.640741 -150.388509 -0.637040
-0.007703 -0.826098 -0.468933

COMB CAR G1-1 MAX

REL DIST T M2 M3 V3
0.35072 15.571257 19.280539 0.902139
0.007889 1.344351 244.363513 0.902139
0.51304 15.571257 19.280539 0.902139
0.007889 0.802252 200.528034 0.902139
0.67536 15.571257 19.280539 0.902139
0.007889 0.281626 177.132614 0.902139
0.83768 15.571257 19.280539 0.902139
0.007889 0.206710 186.855232 0.902139
1.00000 15.571257 19.280539 0.902139
0.007889 0.580457 200.709673

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FRAME ELEMENT INTERNAL FORCES

COMB CAR G1-1 MIN

REL DIST T M2 M3 V3
0.35072 -10.388508 -161.475509 -0.637040
-0.008245 -0.961982 -227.723933 -0.637040
0.51304 -10.388508 -161.475509 -0.637040
-0.008245 -0.578398 -97.206944 -0.637040
0.67536 -10.388508 -161.475509 -0.637040
-0.008245 -0.196645 -46.901666 -0.637040
0.83768 -10.388508 -161.475509 -0.637040
-0.008245 -0.284413 -11.087413 -0.637040
1.00000 -10.388508 -161.475509 -0.637040
-0.008245 -0.826098 -0.468933

COMB DESIGN G1-1 MAX

REL DIST T M2 M3 V3
0.35072 15.571257 19.280539 0.902139
0.007889 1.344351 244.363513 0.902139
0.51304 15.571257 19.280539 0.902139
0.007889 0.802252 200.528034 0.902139
0.67536 15.571257 19.280539 0.902139
0.007889 0.281626 177.132614 0.902139
0.83768 15.571257 19.280539 0.902139
0.007889 0.206710 186.855232 0.902139
1.00000 15.571257 19.280539 0.902139
0.007889 0.580457 200.709673

COMB DESIGN G1-1 MIN

REL DIST T M2 M3 V3
0.35072 -10.388508 -161.475

REL DIŞT	P	M2	M3	V2	V3
0.00000	10.202623	145.608951			0.600536
0.007426	0.561352	177.196804			
0.16232	10.202623	145.608951			0.600536
0.007426	0.20149	147.814161			
0.32464	10.202623	145.608951			0.600536
0.007426	0.135305	136.301452			
0.48696	10.202623	145.608951			0.600536
0.007426	0.007426	177.196804			
0.64928	10.202623	145.608951			0.600536
0.007426	0.660146	206.460479			

COMB DB-G2-3 ----- MIN

REL DIŞT	P	M2	M3	V2	V3
0.00000	-12.280243	-76.382880			-0.436149
-0.007041	-0.389439	-0.345974			
0.16232	-12.280243	-76.382880			-0.436149
-0.007041	-0.139298	-12.122681			
0.32464	-12.280243	-76.382880			-0.436149
-0.007041	-0.191011	-47.570803			
0.48696	-12.280243	-76.382880			-0.436149
-0.007041	-0.524942	-95.979997			
0.64928	-12.280243	-76.382880			-0.436149
-0.007041	-0.886003	-177.564755			

COMB DL-G1-1 ----- MAX

REL DIŞT	P	M2	M3	V2	V3
0.00000	0.739725	52.488237			0.538539
8.59E-06	0.478367	2.214293			
0.16232	0.739725	52.488237			0.538539
8.59E-06	0.154412	8.290145			
0.32464	0.739725	52.488237			0.538539
8.59E-06	0.137719	14.607840			
0.48696	0.739725	52.488237			0.538539
8.59E-06	0.403760	20.956581			
0.64928	0.739725	52.488237			0.538539
8.59E-06	0.570949	27.338148			

COMB DL-G1-1 ----- MIN

REL DIŞT	P	M2	M3	V2	V3
0.00000	-7.523902	-10.646957			-0.443385
0.001011	-0.168138	-68.621990			
0.16232	-7.523902	-10.646957			-0.443385
0.001011	-0.128615	-37.107018			
0.32464	-7.523902	-10.646957			-0.443385
0.001011	-0.001111	-68.621990			
0.48696	-7.523902	-10.646957			-0.443385
0.001011	-0.492126	-100.096900			
0.64928	-7.523902	-10.646957			-0.443385
0.001011	-0.816329	-131.017171			
Program	SAP2000	Nonlinear	Version 7.42		
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIŞT	P	M2	M3	V2	V3
0.00000	1.597041	154.667386			0.833570
0.006603	0.770409	200.725085			
0.16232	1.597041	154.667386			0.833570
0.006603	0.270339	149.655124			
0.32464	1.597041	154.667386			0.833570
0.006603	0.193608	10.12347			
0.48696	1.597041	154.667386			0.833570
0.006603	0.564006	97.909497			
0.64928	1.597041	154.667386			0.833570
0.006603	0.939206	109.579767			

COMB DL-G1-2 ----- MIN

REL DIŞT	P	M2	M3	V2	V3
0.00000	-14.223540	-24.209693			-0.620968
0.007807	-0.561670	-20.720999			
0.16232	-14.223540	-24.209693			-0.620968
-0.007807	-0.206445	-31.115353			
0.32464	-14.223540	-24.209693			-0.620968
-0.007807	-0.007426	-10.000000			
0.48696	-14.223540	-24.209693			-0.620968
-0.007807	-0.735840	-125.751748			
0.64928	-14.223540	-24.209693			-0.620968
-0.007807	-1.236872	-216.107606			

COMB DL-G1-3 ----- MAX

REL DIŞT	P	M2	M3	V2	V3
0.00000	7.428430	139.657790			0.903958
0.006010	0.827238	196.774802			
0.16232	7.428430	139.657790			0.903958
0.006010	0.284553	183.425823			
0.32464	7.428430	139.657790			0.903958
0.006010	0.198243	179.413790			
0.48696	7.428430	139.657790			0.903958
0.006010	0.583425	204.553483			
0.64928	7.428430	139.657790			0.903958
0.006010	0.970906	246.032601			

COMB DL-G1-3 ----- MIN

REL DIŞT	P	M2	M3	V2	V3
0.00000	-12.908344	-72.986867			-0.642886
-0.006486	-0.584978	-0.056320			
0.16232	-12.908344	-72.986867			-0.642886
-0.006486	-0.208147	-28.175218			
0.32464	-12.908344	-72.986867			-0.642886
-0.006486	-0.282373	-68.277604			
0.48696	-12.908344	-72.986867			-0.642886
-0.006486	-0.803993	-125.751748			
0.64928	-12.908344	-72.986867			-0.642886
-0.006486	-1.347334	-202.867911			

COMB DL-G2-1 ----- MAX

REL DIŞT	P	M2	M3	V2	V3
0.00000	7.353011	11.039699			0.259170
0.001068	0.230933	1.320367			
0.16232	7.353011	11.039699			0.259170
0.001068	0.074957	11.454300			
0.32464	7.353011	11.039699			0.259170
0.001068	0.043467	39.210025			
0.48696	7.353011	11.039699			0.259170
0.001068	0.131138	67.098087			
0.64928	7.353011	11.039699			0.259170
0.001068	0.218706	96.728898			

COMB DL-G2-1 ----- MIN

REL DIŞT	P	M2	M3	V2	V3
0.00000	-0.670352	-48.525985			-0.145155
-0.000127	-0.130476	-25.555519			
0.16232	-0.670352	-48.525985			-0.145155
-0.000127	-0.042710	-13.622226			
0.32464	-0.670352	-48.525985			-0.145155
-0.000127	-0.079701	-18.935574			
0.48696	-0.670352	-48.525985			-0.145155
-0.000127	-0.235494	-25.072645			
0.64928	-0.670352	-48.525985			-0.145155
-0.000127	-0.391428	-31.373973			
Program	SAP2000	Nonlinear	Version 7.42		
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIŞT	P	M2	M3	V2	V3
0.00000	9.970885	93.858875			0.480401
0.007272	0.454981	172.995024			
0.16232	9.970885	93.858875			0.480401
0.007272	0.161718	167.320341			
0.32464	9.970885	93.858875			0.480401
0.007272	0.076900	161.968837			
0.48696	9.970885	93.858875			0.480401
0.007272	0.229499	161.968837			
0.64928	9.970885	93.858875			0.480401
0.007272	0.382733	234.751009			

COMB DL-G2-2 ----- MIN

REL DIŞT	P	M2	M3	V2	V3
0.00000	-5.690688	-79.867684			-0.254720
-0.006132	-0.242449	-0.642583			
0.16232	-5.690688	-79.867684			-0.254720
-0.006132	0.099185	-17.714997			
0.32464	-5.690688	-79.867684			-0.254720
-0.006132	-0.149525	-14.981951			
0.48696	-5.690688	-79.867684			-0.254720
-0.006132	0.413215	-36.698115			
0.64928	-5.690688	-79.867684			-0.254720
-0.006132	-0.701783	-90.813846			

COMB DL-G2-3 ----- MAX

REL DIŞT	P	M2	M3	V2	V3
0.00000	9.453395	134.669088			0.823106
0.006727	0.756385	194.164836			
0.16232	9.453395	134.669088			0.823106
0.006727	0.262248	169.453288			
0.32464	9.453395	134.669088			0.823106
0.006727	0.166980	156.222331			
0.48696	9.453395	134.669088			0.823106
0.006727	0.494288	192.431385			
0.64928	9.453395	134.669088			0.823106
0.006727	0.821994	236.694459			

COMB DL-G2-3 ----- MIN

REL DIŞT	P	M2	M3	V2	V3
0.00000	-10.881940	-78.088164			-0.544627
-0.006325	-0.499033	-0.642583			
0.16232	-10.881940	-78.088164			-0.544627
-0.006325	-0.180419	-11.596475			
0.32464	-10.881940	-78.088164			-0.544627
-0.006325	-0.256703	-45.412942			
0.48696	-10.881940	-78.088164			-0.544627
-0.006325	-0.728907	-94.900200			
0.64928	-10.881940	-78.088164			-0.544627
-0.006325	-1.223648	-172.530073			

COMB DB ----- MAX

REL DIŞT	P	M2	M3	V2	V3
0.00000	10.727288	166.121475			0.639487
0.007850	0.594405	185.040759			
0.16232	10.727288	166.121475			0.639487
0.007850	0.209794	158.716155			
0.32464	10.727288	166.121475			0.639487
0.007850	0.158491	147.505687			
0.48696	10.727288	166.121475			0.639487
0.007850	0.465357	171.567315			
0.64928	10.727288	166.121475			0.639487
0.007850	0.772192	213.229603			

COMB DB ----- MIN

REL DIŞT	P	M2	M3	V2	V3
0.00000	-15.634641	-79.221511			-0.509986
-0.008373	-0.455107	-17.105961			
0.16232	-15.634641	-79.221511			-0.509986
-0.008373	-0.159903	-36.007073			
0.32464	-15.634641	-79.221511			-0.509986
-0.008373	-0.203398	-72.748527			
0.48696	-15.634641	-79.221511			-0.509986
-0.008373	-0.562059	-127.634032			
0.64928	-15.634641	-79.221511			-0.509986
-0.008373	-0.946595	-220.630914			
Program	SAP2000	Nonlinear	Version 7.42		
File:	şarhS11-S1503.OUT				

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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL	DIŞT	P	M2	M3	V2	V3
0.00000		9.970885	154.667386			0.903958
0.007272		0.827238	200.725050			
0.16232		9.970885	154.667386			0.903958
0.007272		0.284553	183.425823			
0.32464		9.970885	154.667386			0.903958
0.007272		0.198243	179.413790			
0.48696		9.970885	154.667386			0.903958
0.007272		0.583425	204.553483			
0.64928		9.970885	154.667386			0.903958
0.007272		0.970906	246.032601			

REL DIST	P	M2	M3	V2	V3
0.35080	5.867316	21.710165		0.304606	
0.001292	0.461283	46.059233		0.304606	
0.51310	5.867316	21.710165		0.304606	
0.001292	0.277693	33.222466		0.304606	
0.67540	5.867316	21.710165		0.304606	
0.001292	0.094259	20.684713		0.304606	
0.83770	5.867316	21.710165		0.304606	
0.001292	0.030024	8.546183		0.304606	
1.00000	5.867316	21.710165		0.304606	
0.001292	0.151634	1.316977			

COMB DL-G2-1 MIN

REL DIST	P	M2	M3	V2	V3
0.35080	-1.240477	-35.055641		-0.168543	
-1.05E-05	-0.253775	-103.500045			
0.51310	-1.240477	-35.055641		-0.168543	
-1.05E-05	-0.152448	-62.9259705			
0.67540	-1.240477	-35.055641		-0.168543	
-1.05E-05	-0.050754	-62.069375			
0.83770	-1.240477	-35.055641		-0.168543	
-1.05E-05	-0.068655	-41.959360			
1.00000	-1.240477	-34.942215		-0.168543	
-1.05E-05	-0.270339	-25.630841			

COMB DL-G2-2 MAX

REL DIST	P	M2	M3	V2	V3
0.35080	12.507594	34.942215		0.604794	
0.007663	0.893391	124.983140		0.604794	
0.51310	12.507594	34.942215		0.604794	
0.007663	0.531090	106.318205		0.604794	
0.67540	12.507594	34.942215		0.604794	
0.007663	0.186991	105.435932		0.604794	
0.83770	12.507594	34.942215		0.604794	
0.007663	0.116446	137.698680		0.604794	
1.00000	12.507594	34.942215		0.604794	
0.007663	0.250661	172.151951			

COMB DL-G2-2 MIN

REL DIST	P	M2	M3	V2	V3
0.35080	-2.081726	-134.711458		-0.321353	
-0.006044	-0.291381	-110.014371			
0.51310	-2.081726	-134.711458		-0.321353	
-0.006044	-0.291381	-110.014371			
0.67540	-2.081726	-134.711458		-0.321353	
-0.006044	-0.291381	-110.014371			
0.83770	-2.081726	-134.711458		-0.321353	
-0.006044	-0.200572	-30.999014			
1.00000	-2.081726	-134.711458		-0.321353	
-0.006044	-0.563917	-0.978937			

COMB DL-G2-3 MAX

REL DIST	P	M2	M3	V2	V3
0.35080	12.131068	73.962217		1.022921	
0.006936	1.529020	245.763683		1.022921	
0.51310	12.131068	73.962217		1.022921	
0.006936	0.914624	203.876307		1.022921	
0.67540	12.131068	73.962217		1.022921	
0.006936	0.316835	178.275034		1.022921	
0.83770	12.131068	73.962217		1.022921	
0.006936	0.208654	183.258626		1.022921	
1.00000	12.131068	73.962217		1.022921	
0.006936	0.584889	193.569382		1.022921	
Program	SAP2000	Nonlinear	Version 7.42		
File:	상행S11-S1503.OUT				

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 MIN

REL DIST	P	M2	M3	V2	V3
0.35080	-6.781625	-134.102774		-0.647160	
-0.006256	-0.191731	-19.317144			
0.51310	-6.781625	-134.102774		-0.647160	
-0.006256	-0.588875	-113.070596			
0.67540	-6.781625	-134.102774		-0.647160	
-0.006256	-0.317863	-29.121278			
0.83770	-6.781625	-134.102774		-0.647160	
-0.006256	-0.317863	-29.121278			
1.00000	-6.781625	-134.102774		-0.647160	
-0.006256	-0.933141	-0.869109			

COMB DB MAX

REL DIST	P	M2	M3	V2	V3
0.35080	14.463833	70.531797		0.735120	
0.008177	1.092888	209.353635		0.735120	
0.51310	14.463833	70.531797		0.735120	
0.008177	0.851274	168.596163		0.735120	
0.67540	14.463833	70.531797		0.735120	
0.008177	0.234270	145.324398		0.735120	
0.83770	14.463833	70.531797		0.735120	
0.008177	0.156276	159.920936		0.735120	
1.00000	14.463833	70.531797		0.735120	
0.008177	0.451810	184.274445			

COMB DB MIN

REL DIST	P	M2	M3	V2	V3
0.35080	-9.302673	-148.740580		-0.506468	
-0.008478	-0.766635	-197.712304			
0.51310	-9.302673	-148.740580		-0.506468	
-0.008478	-0.462001	-115.021735			
0.67540	-9.302673	-148.740580		-0.506468	
-0.008478	-0.157358	-66.051075			
0.83770	-9.302673	-148.740580		-0.506468	
-0.008478	-0.233656	-66.051075			
1.00000	-9.302673	-148.740580		-0.506468	
-0.008478	-0.675666	-16.884593			

COMB DL MAX

REL DIST	P	M2	M3	V2	V3
0.35080	12.507594	34.942217		1.130374	
0.007663	1.693740	245.763683		1.130374	
0.51310	12.507594	34.942217		1.130374	
0.007663	1.010608	203.876307		1.130374	
0.67540	12.507594	34.942217		1.130374	
0.007663	0.351733	178.275034		1.130374	
0.83770	12.507594	34.942217		1.130374	
0.007663	0.241287	183.258626		1.130374	
1.00000	12.507594	34.942217		1.130374	
0.007663	0.680365	200.660535			

COMB DL MIN

REL DIST	P	M2	M3	V2	V3
0.35080	-8.151044	-136.141311		-0.754875	
-0.007928	-1.141612	-191.345744			
0.51310	-8.151044	-136.141311		-0.754875	
-0.007928	-0.687728	-113.070596			
0.67540	-8.151044	-136.141311		-0.754875	
-0.007928	-0.233356	-63.866028			
0.83770	-8.151044	-136.141311		-0.754875	
-0.007928	-0.346788	-41.959360			
1.00000	-8.151044	-136.141311		-0.754875	
-0.007928	-1.027175	-25.630841			

COMB CAR MAX

REL DIST	P	M2	M3	V2	V3
0.35080	14.463833	73.962217		1.130374	
0.008177	1.061740	217.763683		1.130374	
0.51310	14.463833	73.962217		1.130374	
0.008177	1.014806	203.876307		1.130374	
0.67540	14.463833	73.962217		1.130374	
0.008177	0.351733	178.275034			

0.83770	14.463833	73.962217	1.130374
0.008177	0.239227	183.258626	1.130374
1.00000	14.463833	73.962217	1.130374
0.008177	0.680365	200.660535	
Program	SAP2000	Nonlinear	Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB CAR MIN

REL DIST	P	M2	M3	V2	V3
0.35080	-9.302673	-148.740580		-0.754875	
-0.008478	-1.141612	-197.712304			
0.51310	-9.302673	-148.740580		-0.754875	
-0.008478	-0.687728	-115.021735			
0.67540	-9.302673	-148.740580		-0.754875	
-0.008478	-0.233356	-66.051075			
0.83770	-9.302673	-148.740580		-0.754875	
-0.008478	-0.346788	-41.959360			
1.00000	-9.302673	-148.740580		-0.754875	
-0.008478	-1.027175	-25.630841			

COMB DESIGN MAX

REL DIST	P	M2	M3	V2	V3
0.35080	14.463833	73.962217		1.130374	
0.008177	1.693740	245.763683		1.130374	
0.51310	14.463833	73.962217		1.130374	
0.008177	1.014806	203.876307		1.130374	
0.67540	14.463833	73.962217		1.130374	
0.008177	0.351733	178.275034		1.130374	
0.83770	14.463833	73.962217		1.130374	
0.008177	0.239227	183.258626		1.130374	
1.00000	14.463833	73.962217		1.130374	
0.008177	0.680365	200.660535			

COMB DESIGN MIN

REL DIST	P	M2	M3	V2	V3
0.35080	-9.302673	-148.740580		-0.754875	
-0.008478	-1.141612	-197.712304			
0.51310	-9.302673	-148.740580		-0.754875	
-0.008478	-0.687728	-115.021735			
0.67540	-9.302673	-148.740580		-0.754875	
-0.008478	-0.233356	-66.051075			
0.83770	-9.302673	-148.740580		-0.754875	
-0.008478	-0.346788	-41.959360			
1.00000	-9.302673	-148.740580		-0.754875	
-0.008478	-1.027175	-25.630841			

ELEM 164 LENGTH = 3.706801

COMB DB-G1-1 MAX

REL DIST	P	M2	M3	V2	V3
0.00000	1.187875	41.770024		0.423252	
1.40E-05	0.376552	1.487868			
0.16232	1.187875	41.770024		0.423252	
-0.00629	0.121867	10.710468			
0.32465	1.187875	41.770024		0.423252	
1.40E-05	0.105121	20.361706			
0.48697	1.187875	41.770024		0.423252	
1.40E-05	0.308043	15.049090			
0.64929	1.187875	41.770024		0.423252	
1.40E-05	0.10958	39.645821			

COMB DB-G1-1 MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-7.136009	-16.050290		-0.337236	
-0.001322	-0.300701	-4.422094			
0.16232	-7.136009	-16.050290		-0.337236	
-0.001322	-0.097782	-2.9411565			
0.32465	-7.136009	-16.050290		-0.337236	
-0.001322	-0.132876	-54.357299			
0.48697	-7.136009	-16.050290		-0.337236	

[illegible]

0.006852	0.229243	137.633256	
0.32466	3.670651	136.631375	0.701902
0.006852	0.229243	137.633256	
Program	SAP2000	Nonlinear	Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIᄒT	P	M2	V2
	T	M3	V3
0.48699	3.670651	136.631375	0.701902
0.006852	0.422407	99.800216	
0.64931	3.670651	136.631375	0.701902
0.006852	0.693606	122.407146	
COMB DB-G1-2	-----	MIN	
REL DIᄒT	P	M2	V2
	T	M3	V3
0.00000	-12.249191	-39.792548	-0.460651
-0.008175	-0.409179	0.067130	
0.006852	-12.249191	-39.792548	-0.460651
-0.008175	-0.145813	-14.373627	
0.32466	-12.249191	-39.792548	-0.460651
0.48699	-12.249191	-39.792548	-0.460651
0.64931	-12.249191	-39.792548	-0.460651
-0.008175	-0.624039	-75.553828	
0.64931	-12.249191	-39.792548	-0.460651
-0.008175	-1.038201	-151.571399	
COMB DB-G1-3	-----	MAX	
REL DIᄒT	P	M2	V2
	T	M3	V3
0.00000	7.587546	134.351375	0.801773
0.006854	0.734854	172.177720	
0.16233	7.587546	134.351375	0.801773
0.006854	0.252640	154.970145	
0.32466	7.587546	134.351375	0.801773
0.006854	0.162709	142.034399	
0.48699	7.587546	134.351375	0.801773
0.64931	0.472752	165.543836	
0.64931	7.587546	134.351375	0.801773
0.006854	0.782698	205.308278	
COMB DB-G1-3	-----	MIN	
REL DIᄒT	P	M2	V2
	T	M3	V3
0.00000	-12.535408	-67.928119	-0.515071
-0.008911	-0.457080	-0.061329	
0.16233	-12.535408	-67.928119	-0.515071
0.006891	-0.098291	-19.112176	
0.32466	-12.535408	-67.928119	-0.515071
-0.006911	-0.254059	-50.045625	
0.48699	-12.535408	-67.928119	-0.515071
0.006911	-0.719379	-94.641754	
0.64931	-12.535408	-67.928119	-0.515071
-0.006911	-1.195033	-170.280915	
COMB DB-G2-1	-----	MAX	
REL DIᄒT	P	M2	V2
	T	M3	V3
0.00000	4.672885	27.152808	0.188949
0.001441	0.168177	0.912722	
0.16233	4.672885	27.152808	0.188949
0.001441	0.054457	1.86085	
0.32466	4.672885	27.152808	0.188949
0.001441	0.040095	7.179015	
0.48699	4.672885	27.152808	0.188949
0.001441	0.115809	18.586802	
0.64931	4.672885	27.152808	0.188949
0.001441	0.191459	30.616711	
COMB DB-G2-1	-----	MIN	
REL DIᄒT	P	M2	V2
	T	M3	V3
0.00000	-2.653539	-19.230367	-0.125716
-2.02E-05	-0.111141	-16.911871	
0.16233	-2.653539	-19.230367	-0.125716
-2.02E-05	-0.035420	-21.642457	
0.32466	-2.653539	-19.230367	-0.125716
-2.02E-05	-0.059230	-37.389547	
0.48699	-2.653539	-19.230367	-0.125716
-2.02E-05	-0.172932	-53.613370	
0.64931	-2.653539	-19.230367	-0.125716
-2.02E-05	-0.286826	-69.892343	
COMB DB-G2-2	-----	MAX	
REL DIᄒT	P	M2	V2
	T	M3	V3
0.00000	6.760774	123.901744	0.430006
0.000000	0.406424	17.486424	
Program	SAP2000	Nonlinear	Version 7.42
File:	상행S11-S1503.OUT		
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		1037	>
F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIᄒT	P	M2	V2
	T	M3	V3
0.16233	6.760774	123.901744	0.430006
0.008005	0.150455	127.649695	
0.32466	6.760774	123.901744	0.430006
0.008005	0.071840	94.152244	
0.48699	6.760774	123.901744	0.430006
0.008005	0.207489	101.650815	
0.64931	6.760774	123.901744	0.430006
0.008005	0.343210	127.442633	
COMB DB-G2-2	-----	MIN	
REL DIᄒT	P	M2	V2
	T	M3	V3
0.00000	-8.817355	-44.938902	-0.225543
-0.006096	-0.199699	0.611541	
0.16233	-8.817355	-44.938902	-0.225543
-0.006096	-0.076785	-19.423849	
0.32466	-8.817355	-44.938902	-0.225543
-0.006096	-0.135668	-18.282378	
0.48699	-8.817355	-44.938902	-0.225543
-0.006096	-0.375132	-72.235388	
0.64931	-8.817355	-44.938902	-0.225543
-0.006096	-0.626214	-141.024698	
COMB DB-G2-3	-----	MAX	
REL DIᄒT	P	M2	V2
	T	M3	V3
0.00000	7.769704	147.622875	0.705909
0.007408	0.651134	173.872632	
0.16233	7.769704	147.622875	0.705909
0.007408	0.226718	136.020117	
0.32466	7.769704	147.622875	0.705909
0.007408	0.140296	112.511919	
0.48699	7.769704	147.622875	0.705909
0.007408	0.407344	127.835518	
0.64931	7.769704	147.622875	0.705909
0.007408	0.674276	160.326026	
COMB DB-G2-3	-----	MIN	
REL DIᄒT	P	M2	V2
	T	M3	V3
0.00000	-12.392478	-56.065830	-0.443590
-0.006736	-0.393448	-0.592461	
0.16233	-12.392478	-56.065830	-0.443590
-0.006736	-0.08485	-17.866189	
0.32466	-12.392478	-56.065830	-0.443590
-0.006736	-0.223553	-51.057968	
0.48699	-12.392478	-56.065830	-0.443590
-0.006736	-0.830378	-101.980829	
0.64931	-12.392478	-56.065830	-0.443590
-0.006736	-1.048007	-185.356456	
COMB DL-G1-1	-----	MAX	

REL DIᄒT	P	M2	V2	V3
0.00000	4.010645	23.985463	0.682805	
1.36E-05	0.603928	2.259349		
0.16233	4.010645	23.985463	0.682805	
1.36E-05	0.191683	23.147893		
0.32466	4.010645	23.985463	0.682805	
1.36E-05	0.173649	44.848726		
0.48699	4.010645	23.985463	0.682805	
1.36E-05	0.506091	66.635779		
0.64931	4.010645	23.985463	0.682805	
1.36E-05	0.838843	88.449733		
COMB DL-G1-1-----MIN				
REL DIᄒT	P	M2	V2	V3
0.00000	-4.131349	-36.327043	-0.552951	
-0.001549	-0.492209	-4.243308		
0.16233	-4.131349	-36.327043	-0.552951	
-0.001549	-0.153549	-17.664650		
0.32466	-4.131349	-36.327043	-0.552951	
-0.001549	-0.216477	-31.909939		
0.48699	-4.131349	-36.327043	-0.552951	
-0.001549	-0.627815	-46.255341		
0.64931	-4.131349	-36.327043	-0.552951	
Program	SAP2000	Nonlinear	Version 7.42	
File:	상행S11-S1503.OUT			
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F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB DL-G1-2-----MAX				
REL DIᄒT	P	M2	V2	V3
0.00000	5.310380	121.978400	1.094913	
0.006321	0.998169	200.657451		
0.16233	5.310380	121.978400	1.094913	
0.006321	0.338463	167.417364		
0.32466	5.310380	121.978400	1.094913	
0.006321	0.253793	140.370892		
0.48699	5.310380	121.978400	1.094913	
0.006321	0.739768	149.742466		
0.64931	5.310380	121.978400	1.094913	
0.006321	1.225881	177.913206		
COMB DL-G1-2-----MIN				
REL DIᄒT	P	M2	V2	V3
0.00000	-10.590472	-51.306789	-0.808742	
-0.008198	-0.733021	-0.074502		
0.16233	-10.590472	-51.306789	-0.808742	
-0.008198	-0.256922	-12.650432		
0.32466	-10.590472	-51.306789	-0.808742	
-0.008198	-0.346294	-32.526017		
0.48699	-10.590472	-51.306789	-0.808742	
-0.008198	-0.990088	-69.780760		
0.64931	-10.590472	-51.306789	-0.808742	
-0.008198	-1.640005	-140.756732		
COMB DL-G1-3-----MAX				
REL DIᄒT	P	M2	V2	V3
0.00000	8.308651	128.405630	1.271831	
0.006070	1.149508	195.367316		
0.16233	8.308651	128.405630	1.271831	
0.006070	0.382917	181.051211		
0.32466	8.308651	128.405630	1.271831	
0.006070	0.727514	177.890362		
0.48699	8.308651	128.405630	1.271831	
0.006070	0.808028	205.560754		
0.64931	8.308651	128.405630	1.271831	
0.006070	1.338609	248.831901		
COMB DL-G1-3-----MIN				
REL DIᄒT	P	M2	V2	V3
0.00000	-11.867535	-75.891318	-0.882399	
-0.008958	-0.795315	-25.893717		
0.16233	-11.867535	-75.891318	-0.882399	
-0.008958	-0.274251	-18.187660		
0.32466	-11.867535	-75.891318	-0.882399	
-0.008958	-0.401650	-63.990246		
0.48699	-11.867535	-75.891318	-0.882399	
-0.008958	-1.155144	-97.402010		
0.64931	-11.867535	-75.891318	-0.882399	
-0.008958	-1.913395	-172.485298		
COMB DL-G2-1-----MAX				
REL DIᄒT	P	M2	V2	V3
0.00000	3.768420	39.657075	0.364186	
0.001542	0.323028	1.313334		
0.16233	3.768420	39.657075	0.364186	
0.001542	0.103054	2.072496		
0.32466	3.768420	39.657075	0.364186	
0.001542	0.066931	8.641786		
0.48699	3.768420	39.657075	0.364186	
0.001542	0.194266	19.167968		
0.64931	3.768420	39.657075	0.364186	
0.001542	0.321437	30.009590		
COMB DL-G2-1-----MIN				
REL DIᄒT	P	M2	V2	V3
0.00000	-4.099207	-18.380448	-0.211247	
-1.90E-05	-0.186952	-25.893717		
0.16233	-4.099207	-18.380448	-0.211247	
-1.90E-05	-0.056991	-8.641785		
0.32466	-4.099207	-18.380448	-0.211247	
-1.90E-05	-0.113282	-59.832495		
0.48699	-4.099207	-18.380448	-0.211247	
-1.90E-05	-0.333033	-81.59685		
0.64931	-4.099207	-18.380448	-0.211247	
-1.90E-05	-0.552706	-106.790382		
Program	SAP2000	Nonlinear	Version 7.42	
File:	상행S11-S1503.OUT			
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F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB DL-G2-2-----MAX				
REL DIᄒT	P	M2	V2	V3
0.00000	5.755705	126.915829	0.725527	
0.007536	0.670360	170.915829		
0.16233	5.755705	126.915829	0.725527	
0.007536	0.232707	142.78855		
0.32466	5.755705	126.915829	0.725527	
0.007536	0.128735	109.919150		
0.48699	5.755705	126.915829	0.725527	
0.007536	0.373563	119.948495		
0.64931	5.755705	126.915829	0.725527	
0.007536	0.618221	142.790617		
COMB DL-G2-2-----MIN				
REL DIᄒT	P	M2	V2	V3
0.00000	-9.848191	-41.937654	-0.407336	
-0.005940	-0.373482	-1.036411		
0.16233	-9.848191	-41.937654	-0.407336	
-0.005940	-0.139712	-28.113201		
0.32466	-9.848191	-41.937654	-0.407336	
-0.005940	-0.227264	-55.446756		
0.48699	-9.848191	-41.937654	-0.407336	
-0.005940	-0.650326	-98.544225		
0.64931	-9.848191	-41.937654	-0.407336	
-0.005940	-1.078672	-172.828640		
COMB DL-G2-3-----MAX				

0.35066 8.690381 64.592088 0.666891
0.006507 0.980784 192.792215
0.51299 8.690381 64.592088 0.666891
0.006507 0.581050 159.112409
0.67533 8.690381 64.592088 0.666891
0.006507 0.181301 133.062805
0.83766 8.690381 64.592088 0.666891
0.006507 0.192370 146.934799
1.00000 8.690381 64.592088 0.666891
0.006507 0.540608 161.723814

COMB DB-G2-3----- MIN

REL DIST P M2 M3 V3
-7.514308 -106.022801 -0.578527
-0.005188 -0.852083 -11.160694
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FRAME ELEMENT INTERNA
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REL DIST P M2 M3 V3
0.51299 -7.514308 -106.022801 -0.578527
-0.005188 -0.503903 -55.321182
0.67533 -7.514308 -106.022801 -0.578527
-0.005188 -0.155583 -24.953274
0.83766 -7.514308 -106.022801 -0.578527
-0.005188 -0.244759 -9.366748
1.00000 -7.514308 -106.022801 -0.578527
-0.005188 -0.645567 -0.681525

COMB DL-G1-1----- MAX

REL DIST P M2 M3 V3
0.35066 8.209498 8.213599 0.741882
0.000457 1.093155 18.415241 0.741882
0.51299 8.209498 8.213599 0.741882
0.000457 0.646713 11.562713 0.741882
0.67533 8.209498 8.213599 0.741882
0.000457 0.199287 8.213599 0.741882
0.83766 8.209498 8.213599 0.741882
0.000457 4.102089 4.102089 0.741882
1.00000 8.209498 8.213599 0.741882
0.000457 0.579778 2.169272

COMB DL-G1-1----- MIN

REL DIST P M2 M3 V3
0.35066 -1.333190 -53.159233 -0.621081
-0.001321 -0.915517 -127.617103 -0.621081
0.51299 -1.333190 -53.159233 -0.621081
-0.001321 -0.541754 -95.879232 -0.621081
0.67533 -1.333190 -53.159233 -0.621081
-0.001321 -0.167954 -63.847721 -0.621081
0.83766 -1.333190 -53.159233 -0.621081
-0.001321 -0.244905 -32.316590 -0.621081
1.00000 -1.333190 -53.159233 -0.621081
-0.001321 -0.692076 -3.247218

COMB DL-G1-2----- MAX

REL DIST P M2 M3 V3
0.35066 14.378292 26.831395 1.172182
0.005990 1.717122 196.827330 1.172182
0.51299 14.378292 26.831395 1.172182
0.005990 1.014406 102.762974 1.172182
0.67533 14.378292 26.831395 1.172182
0.005990 0.31181 17.068345 1.172182
0.83766 14.378292 26.831395 1.172182
0.005990 0.322233 146.124592 1.172182
1.00000 14.378292 26.831395 1.172182
0.005990 0.886364 193.852756

COMB DL-G1-2----- MIN

REL DIST P M2 M3 V3
0.35066 -2.946842 -143.140024 -0.946801
-0.005217 -0.005217 -133.062805 -0.946801
0.51299 -2.946842 -143.140024 -0.946801
-0.005217 -0.824645 -113.010537 -0.946801
0.67533 -2.946842 -143.140024 -0.946801
-0.005217 -0.005217 -133.062805 -0.946801
0.83766 -2.946842 -143.140024 -0.946801
-0.005217 -0.414809 -26.102042 -0.946801
1.00000 -2.946842 -143.140024 -0.946801
-0.005217 -1.121202 -0.055367

COMB DL-G1-3----- MAX

REL DIST P M2 M3 V3
0.35066 13.806483 59.626038 1.358828
0.005912 1.995210 201.842394 1.358828
0.51299 13.806483 59.626038 1.358828
0.005912 1.179496 168.897423 1.358828
0.67533 13.806483 59.626038 1.358828
0.005912 0.363521 149.403004 1.358828
0.83766 13.806483 59.626038 1.358828
0.005912 0.372822 162.758887 1.358828
1.00000 13.806483 59.626038 1.358828
0.005912 0.131811 188.828319 1.358828
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FRAME ELEMENT INTERNA
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COMB DL-G1-3----- MIN

REL DIST P M2 M3 V3
0.35066 -8.050913 -137.648424 -1.102768
-0.004713 -1.623476 -196.827330 -1.102768
0.51299 -8.050913 -137.648424 -1.102768
-0.004713 -0.960478 -113.566023 -1.102768
0.67533 -8.050913 -137.648424 -1.102768
-0.004713 -0.297851 -63.847721 -1.102768
0.83766 -8.050913 -137.648424 -1.102768
-0.004713 -0.469886 -24.416383 -1.102768
1.00000 -8.050913 -137.648424 -1.102768
-0.004713 -1.288895 -0.047218

COMB DL-G2-1----- MAX

REL DIST P M2 M3 V3
0.35066 0.839496 59.873757 0.394114
0.001297 0.581523 102.300567 0.394114
0.51299 0.839496 59.873757 0.394114
0.001297 0.344224 91.885795 0.394114
0.67533 0.839496 59.873757 0.394114
0.001297 0.106793 56.806216 0.394114
0.83766 0.839496 59.873757 0.394114
0.001297 0.109846 22.691577 0.394114
1.00000 0.839496 59.873757 0.394114
0.001297 0.308599 1.310390

COMB DL-G2-1----- MIN

REL DIST P M2 M3 V3
0.35066 -8.500913 -4.662340 -0.330134
-0.000389 -0.486000 -17.898036 -0.330134
0.51299 -8.500913 -4.662340 -0.330134
-0.000389 -0.209377 -16.295190 -0.330134
0.67533 -8.500913 -4.662340 -0.330134
-0.000389 -0.088564 -15.079263 -0.330134
0.83766 -8.500913 -4.662340 -0.330134
-0.000389 -0.128637 -14.892852 -0.330134
1.00000 -8.500913 -4.662340 -0.330134
-0.000389 -0.366484 -25.777479

COMB DL-G2-2----- MAX

REL DIST P M2 M3 V3
0.35066 6.173236 77.779528 0.756382
0.006695 1.107153 226.265959 0.756382
0.51299 6.173236 77.779528 0.756382
0.006695 0.654678 182.207473 0.756382
0.67533 6.173236 77.779528 0.756382
0.006695 0.202094 152.675355 0.756382
0.83766 6.173236 77.779528 0.756382
0.006695 0.210692 157.582910 0.756382
1.00000 6.173236 77.779528 0.756382
0.006695 0.572689 163.823077

COMB DL-G2-2----- MIN

REL DIST P M2 M3 V3
0.35066 -10.755033 -89.146397 -0.610416
-0.003984 -0.897223 -88.144446 -0.610416
0.51299 -10.755033 -89.146397 -0.610416
-0.003984 0.530586 -36.518147 -0.610416
0.67533 -10.755033 -89.146397 -0.610416
-0.003984 -0.164548 -13.582077 -0.610416
0.83766 -10.755033 -89.146397 -0.610416
-0.003984 0.273666 -5.891468 -0.610416
1.00000 -10.755033 -89.146397 -0.610416
-0.003984 -0.729528 -1.375910

COMB DL-G2-3----- MAX

REL DIST P M2 M3 V3
0.35066 10.568876 87.999721 1.236158
0.006268 1.814814 269.481606 1.236158
0.51299 10.568876 87.999721 1.236158
0.006268 0.330785 182.941043 1.236158
0.67533 10.568876 87.999721 1.236158
0.006268 0.341421 179.149763 1.236158
0.83766 10.568876 87.999721 1.236158
0.006268 0.926254 185.451823 1.236158
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FRAME ELEMENT INTERNA
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COMB DL-G2-3----- MIN

REL DIST P M2 M3 V3

REL DIST P M2 M3 V3
0.35066 -11.261988 -111.558394 -1.007067
-0.004348 -1.482087 -136.214573 -1.007067
0.51299 -11.261988 -111.558394 -1.007067
-0.004348 -0.676661 -71.376224 -1.007067
0.67533 -11.261988 -111.558394 -1.007067
-0.004348 -0.271746 -32.954460 -1.007067
0.83766 -11.261988 -111.558394 -1.007067
-0.004348 -0.429974 -10.948930 -1.007067
1.00000 -11.261988 -111.558394 -1.007067
-0.004348 -1.174797 -1.206961

COMB DB----- MAX

REL DIST P M2 M3 V3
0.35066 10.530761 64.592088 0.771036
0.006765 0.323788 192.767121 0.771036
0.51299 10.530761 64.592088 0.771036
0.006765 0.671285 159.112409 0.771036
0.67533 10.530761 64.592088 0.771036
0.006765 0.208703 133.062805 0.771036
0.83766 10.530761 64.592088 0.771036
0.006765 0.209817 146.934799 0.771036
1.00000 10.530761 64.592088 0.771036
0.006765 0.589451 169.975420

COMB DB----- MIN

REL DIST P M2 M3 V3
0.35066 -7.514308 -127.116871 -0.630703
-0.005933 -0.928650 -144.761216 -0.630703
0.51299 -7.514308 -127.116871 -0.630703
-0.005933 -0.549274 -78.234845 -0.630703
0.67533 -7.514308 -127.116871 -0.630703
-0.005933 -0.169592 -63.847721 -0.630703
0.83766 -7.514308 -127.116871 -0.630703
-0.005933 -0.277009 -18.727385 -0.630703
1.00000 -7.514308 -127.116871 -0.630703
-0.005933 -0.741081 -16.555376

COMB DL----- MAX

REL DIST P M2 M3 V3
0.35066 14.378292 87.999721 1.358828
0.006695 1.995210 269.481606 1.358828
0.51299 14.378292 87.999721 1.358828
0.006695 1.179496 219.440905 1.358828
0.67533 14.378292 87.999721 1.358828
0.006695 0.363521 182.941043 1.358828
0.83766 14.378292 87.999721 1.358828
0.006695 0.372822 179.149763 1.358828
1.00000 14.378292 87.999721 1.358828
0.006695 0.131811 193.852756

COMB DL----- MIN

REL DIST P M2 M3 V3
0.35066 -11.261988 -143.140024 -1.102768
-0.005217 -1.623476 -196.827330 -1.102768
0.51299 -11.261988 -143.140024 -1.102768
-0.005217 -0.960478 -113.566023 -1.102768
0.67533 -11.261988 -143.140024 -1.102768
-0.005217 -0.297851 -63.847721 -1.102768
0.83766 -11.261988 -143.140024 -1.102768
-0.005217 -0.469886 -24.416383 -1.102768
1.00000 -11.261988 -143.140024 -1.102768
-0.005217 -1.288895 -0.047218

COMB CAR----- MAX

REL DIST P M2 M3 V3
0.35066 14.378292 87.999721 1.358828
0.006765 1.995210 269.481606 1.358828
0.51299 14.378292 87.999721 1.358828
0.006765 0.330785 182.941043 1.358828
0.67533 14.378292 87.999721 1.358828
0.006765 0.341421 179.149763 1.358828
0.83766 14.378292 87.999721 1.358828
0.006765 0.926254 185.451823 1.358828
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FRAME ELEMENT INTERNA
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COMB CAR----- MIN

REL DIST P M2 M3 V3
0.35066 -11.261988 -143.140024 -1.102768
-0.005933 -1.623476 -196.827330 -1.102768
0.51299 -11.261988 -143.140024 -1.102768
-0.005933 -0.960478 -113.566023 -1.102768
0.67533 -11.261988 -143.140024 -1.102768
-0.005933 -0.297851 -63.847721 -1.102768
0.83766 -11.261988 -143.140024 -1.102768
-0.005933 -0.469886 -24.416383 -1.102768
1.00000 -11.261988 -143.140024 -1.102768
-0.005933 -1.288895 -0.047218

REL DIST P M2 M3 V3
0.35066 14.378292 87.999721 1.358828
0.006765 1.995210 269.481606 1.358828
0.51299 14.378292 87.999721 1.358828
0.006765 1.179496 219.440905 1.358828
0.67533 14.378292 87.999721 1.358828
0.006765 0.363521 182.941043 1.358828
0.83766 14.378292 87.999721 1.358828
0.006765 0.372822 179.149763 1.358828
1.00000 14.378292 87.999721 1.358828
0.006765 1.031811 193.852756

COMB DESIGN----- MIN

REL DIST P M2 M3 V3
0.35066 -11.261988 -143.140024 -1.102768
-0.005933 -1.623476 -196.827330 -1.102768
0.51299 -11.261988 -143.140024 -1.102768
-0.005933 -0.960478 -113.566023 -1.102768
0.67533 -11.261988 -143.140024 -1.102768
-0.005933 -0.297851 -63.847721 -1.102768
0.83766 -11.261988 -143.140024 -1.102768
-0.005933 -0.469886 -24.416383 -1.102768
1.00000 -11.261988 -143.140024 -1.102768
-0.005933 -1.288895 -0.047218

ELEM 168----- LENGTH

COMB DB-G1-1----- MAX

REL DIST P M2 M3 V3
0.00000 4.693795 5.588548 0.430243
0.000499 0.014095 0.170065 0.430243
0.000499 4.693795 5.588548 0.430243
0.000499 0.142586 19.900073 0.430243
0.32462 4.693795 5.588548 0.430243
0.000499 0.013707 38.744169 0.430243
0.48694 4.693795 5.588548 0.430243
0.000499 0.295436 57.634551 0.430243
0.64925 4.693795 5.588548 0.430243
0.000499 0.499479 76.531858 0.430243

COMB DB-G1-1----- MIN

REL DIST P M2 M3 V3
0.00000 -1.115838 -31.426432 -0.339178
-0.001242 -0.316691 -3.266346 -0.339178
0.16231 -1.115838 -31.426432 -0.339178
-0.001242 -0.112649 -6.190549 -0.339178
0.32462 -1.115838 -31.426432 -0.339178
-0.001242 0.118115 -9.357473 -0.339178
0.16231 -1.115838 -31.426432 -0.339178
-0.001242 -0.375000 -12.668046 -0.339178
0.64925 -1.115838 -31.426432 -0.339178
-0.001242 -0.633823 -16.010792

COMB DB-G1-2----- MAX

REL DIST P M2 M3 V3
0.00000 5.875521 104.616339 0.683477
0.005155 0.664549 170.261839 0.683477
0.16231 5.875521 104.616339 0.683477
0.005155 0.193258 31.72024 0.683477
0.32462 5.875521 104.616339 0.683477
0.005155 0.138769 102.500777 0.683477
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FRAME ELEMENT INTERNA
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REL DIST P M2 M3 V3
0.48694 5.875521 104.616339 0.683477
0.005155 0.447837 116.415468 0.683477
0.64925 5.875521 104.616339 0.683477
0.005155 0.756850 139.326496 0.683477

COMB DB-G1-2----- MIN

REL DIST P M2 M3 V3
0.00000 -7.542738 -48.117513 -0.513670
-0.007111 -0.479203 -0.060641 -0.513670
0.16231 -7.542738 -48.117513 -0.513670
0.32462 -7.542738 -48.117513 -0.513670
-0.007111 -0.170164 -3.266346 -0.513670
0.16231 -7.542738 -48.117513 -0.513670
-0.007111 -0.183965 -8.138199 -0.513670
0.48694 -7.542738 -48.117513 -0.513670
-0.007111 0.066010 -0.060641 -0.513670
0.64925 -7.542738 -48.117513 -0.513670
-0.007111 -1.001963 -86.732764

REL DIST	P	M2	V2	V3
		M3		
0.00000	0.900762	60.127859	0.414074	
0.001350	0.385906	1.311434		
0.16231	0.900762	60.127859	0.414074	
0.001350	0.136415	83.842913		
0.32462	0.900762	60.127859	0.414074	
0.001350	0.085923	5.460114		
0.48694	0.900762	60.127859	0.414074	
0.001350	0.275907	9.185007	0.414074	
0.64925	0.900762	60.127859		
0.001350	0.465791	10.971273		

COMB DL-G2-1		----- MIN		
REL DIST	P	M2	M3	V3
0.00000	-8.592535	-4.704728		-0.315621
-0.000447	-0.293650	-25.764809		
0.16231	-8.592535	-4.704728		-0.315621
-0.000447	-0.103536	-56.683252		
0.32462	-8.592535	-4.704728		-0.315621
-0.000447	-0.111139	-92.403459		
0.48694	-8.592535	-4.704728		-0.315621
-0.000447	-0.360578	-129.413075		
0.64925	-8.592535	-4.704728		-0.315621
-0.000447	-0.609736	-164.520278		
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2

REL DIST	P	M2	V2	V3
		M3		
0.00000	2.352595	145.418020	0.793429	
0.004999	0.764956	163.872886		
0.16231	2.352595	145.418020	0.793429	
0.004999	0.256933	125.052623		
0.32462	2.352595	145.418020	0.793429	
0.004999	0.162121	86.816661		
0.48694	2.352595	145.418020	0.793429	
0.004999	0.907146	83.043481		
0.64925	2.352595	145.418020	0.793429	
0.004999	0.875360	93.752749		

COMB DL-G2-2

REL DIST	P	M2	V2	V3
		M3		
0.00000	-15.014114	-22.524425	-0.594386	
-0.005567	-0.555605	-1.352735		
0.16231	-15.014114	-22.524425	-0.594386	
-0.005567	-0.203082	-41.368480		
0.32462	-15.014114	-22.524425	-0.594386	
-0.005567	-0.210308	-81.726776		
0.48694	-15.014114	-22.524425	-0.594386	
-0.005567	-0.684824	-138.440597		
0.64925	-15.014114	-22.524425	-0.594386	
-0.005567	-1.159369	-223.804929		

COMB DL-G2-3

REL DIST	P	M2	V2	V3
		M3		
0.00000	7.086222	148.666598	1.259759	
0.004999	1.193469	185.504499		
0.16231	7.086222	148.666598	1.259759	
0.004999	0.437268	158.551304		
0.32462	7.086222	148.666598	1.259759	
0.004999	0.126193	93.742761		
0.48694	7.086222	148.666598	1.259759	
0.004999	0.872029	151.912390		
0.64925	7.086222	148.666598	1.259759	
0.004999	1.473160	179.364508		

COMB DL-G2-3

REL DIST	P	M2	V2	V3
		M3		
0.00000	-15.091032	-50.992420	-1.000336	
-0.006021	-0.085095	-1.186042		
0.16231	-15.091032	-50.992420	-1.000336	
-0.006021	-0.337421	-37.888458		
0.32462	-15.091032	-50.992420	-1.000336	
-0.006021	-0.293650	-77.742716		
0.48694	-15.091032	-50.992420	-1.000336	
-0.006021	-1.092347	-136.988716		
0.64925	-15.091032	-50.992420	-1.000336	
-0.006021	-1.847875	-223.923347		

COMB DB

REL DIST	P	M2	V2	V3
		M3		
0.00000	6.625908	133.211197	0.789927	
0.005673	0.759124	170.261839		
0.16231	6.625908	133.211197	0.789927	
0.005673	0.283810	141.776188		
0.32462	6.625908	133.211197	0.789927	
0.005673	0.158762	126.814638		
0.48694	6.625908	133.211197	0.789927	
0.005673	0.543470	149.752694		
0.64925	6.625908	133.211197	0.789927	
0.005673	0.918074	180.159413		

COMB DB

REL DIST	P	M2	V2	V3
		M3		
0.00000	-11.812233	-58.877370	-0.622701	
-0.007111	-0.580343	-16.553901		
0.16231	-11.812233	-58.877370	-0.622701	
-0.007111	-0.373335	-56.683252		
0.32462	-11.812233	-58.877370	-0.622701	
-0.007111	-0.212999	-48.030621		
0.48694	-11.812233	-58.877370	-0.622701	
-0.007111	-0.686451	-138.440597		
0.64925	-11.812233	-58.877370	-0.622701	
-0.007111	-1.159830	-161.825484		

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FRAME ELEMENT INTERNAL FORCES

COMB DL

REL DIST	P	M2	V2	V3
		M3		
0.00000	10.402211	148.666598	1.366432	
0.004999	1.295205	193.920803		
0.16231	10.402211	148.666598	1.366432	
0.004999	0.471755	176.602672		
0.32462	10.402211	148.666598	1.366432	
0.004999	0.299633	176.261776		
0.48694	10.402211	148.666598	1.366432	
0.004999	0.964731	207.604319		
0.64925	10.402211	148.666598	1.366432	
0.004999	1.630122	252.079915		

COMB DL

REL DIST	P	M2	V2	V3
		M3		
0.00000	-15.091032	-78.693694	-1.107191	
-0.007087	-1.034818	-25.764809		
0.16231	-15.091032	-78.693694	-1.107191	
-0.007087	-0.373335	-56.683252		
0.32462	-15.091032	-78.693694	-1.107191	
-0.007087	-0.365712	-92.403459		
0.48694	-15.091032	-78.693694	-1.107191	
-0.007087	-1.185716	-138.440597		
0.64925	-15.091032	-78.693694	-1.107191	
-0.007087	-2.005623	-223.923347		

COMB CAR

REL DIST	P	M2	V2	V3
		M3		
0.00000	10.402211	148.666598	1.366432	
0.005673	1.295205	193.920803		
0.16231	10.402211	148.666598	1.366432	
0.005673	0.471755	176.602672		
0.32462	10.402211	148.666598	1.366432	
0.005673	0.299633	176.261776		
0.48694	10.402211	148.666598	1.366432	
0.005673	0.964731	207.604319		
0.64925	10.402211	148.666598	1.366432	
0.005673	1.630122	252.079915		

COMB CAR

REL DIST	P	M2	V2	V3
		M3		
0.00000	-15.091032	-78.693694	-1.107191	
-0.007111	-1.034818	-25.764809		
0.16231	-15.091032	-78.693694	-1.107191	
-0.007111	-0.373335	-56.683252		
0.32462	-15.091032	-78.693694	-1.107191	
-0.007111	-0.365712	-92.403459		
0.48694	-15.091032	-78.693694	-1.107191	
-0.007111	-1.185716	-138.440597		
0.64925	-15.091032	-78.693694	-1.107191	
-0.007111	-2.005623	-223.923347		

COMB DESIGN

REL DIST	P	M2	V2	V3
		M3		
0.00000	10.402211	148.666598	1.366432	
0.005673	1.295205	193.920803		
0.16231	10.402211	148.666598	1.366432	
0.005673	0.471755	176.602672		
0.32462	10.402211	148.666598	1.366432	
0.005673	0.299633	176.261776		
0.48694	10.402211	148.666598	1.366432	
0.005673	0.964731	207.604319		
0.64925	10.402211	148.666598	1.366432	
0.005673	1.630122	252.079915		

COMB DESIGN

REL DIST	P	M2	V2	V3
		M3		
0.00000	-15.091032	-78.693694	-1.107191	
-0.007111	-1.034818	-25.764809		
0.16231	-15.091032	-78.693694	-1.107191	
-0.007111	-0.373335	-56.683252		
0.32462	-15.091032	-78.693694	-1.107191	
-0.007111	-0.365712	-92.403459		
0.48694	-15.091032	-78.693694	-1.107191	
-0.007111	-1.185716	-138.440597		
0.64925	-15.091032	-78.693694	-1.107191	
-0.007111	-2.005623	-223.923347		

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FRAME ELEMENT INTERNAL FORCES

ELEM 169 ===== LENGTH = 3.706585

COMB DB-G1-1

REL DIST	P	M2	V2	V3
		M3		
0.35073	5.112371	2.305393	0.418854	
0.000892	0.600021	5.770293		
0.51305	5.112371	2.305393	0.418854	
0.000892	0.348019	4.408445		
0.67536	5.112371	2.305393	0.418854	
0.000892	0.095966	3.061306		
0.83768	5.112371	2.305393	0.418854	
0.000892	0.129064	1.871569		
1.00000	5.112371	2.305393	0.418854	
0.000892	0.337276	1.388466		

COMB DB-G1-1

REL DIST	T	P	M2	M3	V2	V3
0.35073		-0.277877		-27.721030		-0.346045
-0.000888		-0.495509		-65.750054		
0.51305		-0.277877		-27.721030		-0.346045
-0.000888		-0.287313		-49.185270		
0.67536		-0.277877		-27.721030		-0.346045
-0.000888		-0.079104		-32.766278		
0.83768		-0.277877		-27.721030		-0.346045
-0.000888		-0.155922		-16.481140		
1.00000		-0.277877		-27.721030		-0.346045
-0.000888		-0.407987		-2.668876		

REL DIST	P	M2	V2	V3
0.35073	15.949120	92.774071	1.367699	
0.004472	1.957061	276.085884		
0.51305	15.949120	92.774071	1.367699	
0.004472	1.133701	223.094064		
0.67536	15.949120	92.774071	1.367699	
0.004472	0.310809	181.489402		
0.83768	15.949120	92.774071	1.367699	
0.004472	0.487796	174.034187		
1.00000	15.949120	92.774071	1.367699	
0.004472	1.260866	184.819980		
COMB DL ----- MIN				
REL DIST	P	M2	V2	V3
-0.35073	-13.249432	-143.010327	-1.292556	
-0.004447	-1.849676	-202.557665		
0.51305	-13.249432	-143.010327	-1.292556	
-0.004447	-1.072028	-119.002083		
0.67536	-13.249432	-143.010327	-1.292556	
-0.004447	-0.295842	-70.746666		
0.83768	-13.249432	-143.010327	-1.292556	
-0.004447	-0.513800	-35.875113		
1.00000	-13.249432	-143.010327	-1.292556	
-0.004447	-1.333165	-25.211845		
COMB CAR ----- MAX				
REL DIST	P	M2	V2	V3
0.35073	15.949120	92.774071	1.367699	
0.005202	1.957061	276.085884		
0.51305	15.949120	92.774071	1.367699	
0.005202	1.133701	223.094064		
0.67536	15.949120	92.774071	1.367699	
0.005202	0.310809	181.489402		
0.83768	15.949120	92.774071	1.367699	
0.005202	0.487796	174.034187		
1.00000	15.949120	92.774071	1.367699	
0.005202	1.260866	184.819980		
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FRAME ELEMENT INTERNAL FORCES				
COMB CAR ----- MIN				
REL DIST	P	M2	V2	V3
0.35073	-13.249432	-143.010327	-1.292556	
-0.005192	-1.849676	-202.557665		
0.51305	-13.249432	-143.010327	-1.292556	
-0.005192	-1.072028	-119.002083		
0.67536	-13.249432	-143.010327	-1.292556	
-0.005192	-0.295842	-70.746666		
0.83768	-13.249432	-143.010327	-1.292556	
-0.005192	-0.513800	-35.875113		
1.00000	-13.249432	-143.010327	-1.292556	
-0.005192	-1.333165	-25.211845		
COMB DESIGN ----- MAX				
REL DIST	P	M2	V2	V3
0.35073	15.949120	92.774071	1.367699	
0.005202	1.957061	276.085884		
0.51305	15.949120	92.774071	1.367699	
0.005202	1.133701	223.094064		
0.67536	15.949120	92.774071	1.367699	
0.005202	0.310809	181.489402		
0.83768	15.949120	92.774071	1.367699	
0.005202	0.487796	174.034187		
1.00000	15.949120	92.774071	1.367699	
0.005202	1.260866	184.819980		
COMB DESIGN ----- MIN				
REL DIST	P	M2	V2	V3
-0.35073	-13.249432	-143.010327	-1.292556	
-0.005192	-1.849676	-202.557665		
0.51305	-13.249432	-143.010327	-1.292556	
-0.005192	-1.072028	-119.002083		
0.67536	-13.249432	-143.010327	-1.292556	
-0.005192	-0.295842	-70.746666		
0.83768	-13.249432	-143.010327	-1.292556	
-0.005192	-0.513800	-35.875113		
1.00000	-13.249432	-143.010327	-1.292556	
-0.005192	-1.333165	-25.211845		
ELEM 170 ===== LENGTH = 3.707583				
COMB DB-G1-1 ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	5.064061	2.328985	0.422645	
0.000888	0.411688	1.398876		
0.16234	5.064061	2.328985	0.422645	
0.000888	0.157121	17.497271		
0.32468	5.064061	2.328985	0.422645	
0.000888	0.079590	33.953489		
0.48703	5.064061	2.328985	0.422645	
0.000888	0.288040	50.443791		
0.64937	5.064061	2.328985	0.422645	
0.000888	0.496479	66.940230		
COMB DB-G1-1 ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-0.272070	-27.410309	-0.346304	
-0.000891	-0.337276	-2.665946		
0.16234	-0.272070	-27.410309	-0.346304	
-0.000891	-0.126822	-1.362793		
0.32468	-0.272070	-27.410309	-0.346304	
-0.000891	-0.097022	-2.637557		
0.48703	-0.272070	-27.410309	-0.346304	
-0.000891	-0.351478	-3.998150		
0.64937	-0.272070	-27.410309	-0.346304	
-0.000891	-0.605866	-5.387822		
COMB DB-G1-2 ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	6.491589	74.527434	0.652542	
0.005244	0.635632	144.182607		
0.16234	6.491589	74.527434	0.652542	
0.005244	0.244789	117.377613		
0.32468	6.491589	74.527434	0.652542	
0.005244	0.126822	95.393737		
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FRAME ELEMENT INTERNAL FORCES				
REL DIST	P	M2	V2	V3
0.48703	6.491589	74.527434	0.652542	
0.005244	0.486304	117.411105		
0.64937	6.491589	74.527434	0.652542	
0.005244	0.803600	147.350440		
COMB DB-G1-2 ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-4.993982	-49.762822	-0.560389	
-0.005253	-0.545583	-0.056982		
0.16234	-4.993982	-49.762822	-0.560389	
-0.005253	-0.102525	-1.320011		
0.32468	-4.993982	-49.762822	-0.560389	
-0.005253	-0.150075	-3.303988		
COMB DB-G1-3 ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	6.046878	81.999455	0.737951	
0.0004965	0.183211	139.399894		
0.16234	6.046878	81.999455	0.737951	
0.0004965	0.257964	122.707089		
0.32468	6.046878	81.999455	0.737951	
0.0004965	0.165053	110.449044		
0.48703	6.046878	81.999455	0.737951	
0.0004965	0.596506	135.141473		
0.64937	6.046878	81.999455	0.737951	
0.0004965	1.027872	166.241670		
COMB DB-G1-3 ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-7.758460	-51.809625	-0.716678	
-0.004972	-0.697590	-0.055248		
0.16234	-7.758460	-51.809625	-0.716678	
-0.004972	-0.268082	-7.767676		
0.32468	-7.758460	-51.809625	-0.716678	
-0.004972	-0.169932	-20.381148		
0.48703	-7.758460	-51.809625	-0.716678	
-0.004972	-0.614188	-47.992077		
0.64937	-7.758460	-51.809625	-0.716678	
-0.004972	-1.058358	-96.140408		
COMB DB-G2-1 ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	0.111597	30.400970	0.222743	
0.000906	0.216960	89.1637		
0.16234	0.111597	30.400970	0.222743	
0.000906	0.082881	1.486343		
0.32468	0.111597	30.400970	0.222743	
0.000906	0.058741	2.739050		
0.48703	0.111597	30.400970	0.222743	
0.000906	0.212368	4.117602		
0.64937	0.111597	30.400970	0.222743	
0.000906	0.365930	5.532201		
COMB DB-G2-1 ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-5.294846	-2.376403	-0.255130	
-0.000895	-0.248318	-16.064020		
0.16234	-5.294846	-2.376403	-0.255130	
-0.000895	-0.094742	-18.632606		
0.32468	-5.294846	-2.376403	-0.255130	
-0.000895	-0.051175	-42.788840		
0.48703	-5.294846	-2.376403	-0.255130	
-0.000895	-0.185244	-60.760036		
0.64937	-5.294846	-2.376403	-0.255130	
-0.000895	-0.319312	-78.941600		
COMB DB-G2-2 ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	0.941631	101.326286	0.390456	
0.004924	0.380093	124.637607		
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FRAME ELEMENT INTERNAL FORCES				
REL DIST	P	M2	V2	V3
0.16234	0.941631	101.326286	0.390456	
0.004924	0.147143	87.070638		
0.32468	0.941631	101.326286	0.390456	
0.004924	0.109058	50.893939		
0.48703	0.941631	101.326286	0.390456	
0.004924	0.093984	55.016558		
0.64937	0.941631	101.326286	0.390456	
0.004924	0.678750	66.915049		
COMB DB-G2-2 ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-10.604960	-19.802932	-0.473116	
-0.004921	-0.460315	-0.573119		
0.16234	-10.604960	-19.802932	-0.473116	
-0.004921	-0.177628	-21.603301		
0.32468	-10.604960	-19.802932	-0.473116	
-0.004921	-0.089893	-42.773169		
0.48703	-10.604960	-19.802932	-0.473116	
-0.004921	-0.324948	-79.663742		
0.64937	-10.604960	-19.802932	-0.473116	
-0.004921	-0.559961	-140.004112		
COMB DB-G2-3 ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	3.979583	104.882386	0.660379	
0.005215	0.542961	139.305738		
0.16234	3.979583	104.882386	0.660379	
0.005215	0.247375	101.378560		
0.32468	3.979583	104.882386	0.660379	
0.005215	0.155261	76.064200		
0.48703	3.979583	104.882386	0.660379	
0.005215	0.561414	89.875998		
0.64937	3.979583	104.882386	0.660379	
0.005215	0.967402	110.735070		
COMB DB-G2-3 ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-10.313155	-34.907221	-0.674506	
-0.005218	-0.655253	-0.557631		
0.16234	-10.313155	-34.907221	-0.674506	
-0.005218	-0.252456	-19.874732		
0.32468	-10.313155	-34.907221	-0.674506	
-0.005218	-0.131189	-38.660024		
0.48703	-10.313155	-34.907221	-0.674506	
-0.005218	-0.549450	-74.819246		
0.64937	-10.313155	-34.907221	-0.674506	
-0.005218	-0.946942	-135.001026		
COMB DL-G1-1 ----- MAX				
REL DIST	P	M2	V2	V3
0.00000	9.846023	4.691465	0.744235	
0.000944	0.000072	2.168811		
0.16234	9.846023	4.691465	0.744235	
0.000944	0.254933	35.417122		
0.32468	9.846023	4.691465	0.744235	
0.000944	0.153662	69.809040		
0.48703	9.846023	4.691465	0.744235	
0.000944	0.576416	104.460138		
0.64937	9.846023	4.691465	0.744235	
0.000944	0.993343	139.169218		
COMB DL-G1-1 ----- MIN				
REL DIST	P	M2	V2	V3
0.00000	-0.579902	-57.725318		

-0.000503	-0.329899	-3.237321	
COMB DB-G1-2		MAX	
REL DIST	P	M2	V3
0.35070	10.481637	25.827463	0.529779
0.005939	0.780849	88.503653	
0.51302	10.481637	25.827463	0.529779
0.005939	0.462068	78.972990	
0.67535	10.481637	25.827463	0.529779
0.005939	0.143111	78.242318	
0.83767	10.481637	25.827463	0.529779
0.005939	0.204925	123.522964	
1.00000	10.481637	25.827463	0.529779
0.005939	0.527373	170.002816	
COMB DB-G1-2		MIN	
REL DIST	P	M2	V3
0.35070	-2.667246	-127.066399	-0.535856
-0.006206	-0.754398	-142.984939	
0.51302	-2.667246	-127.066399	-0.535856
-0.006206	-0.464018	-75.845409	
0.67535	-2.667246	-127.066399	-0.535856
-0.006206	-0.143875	-37.747463	
0.83767	-2.667246	-127.066399	-0.535856
-0.006206	-0.175346	-16.955512	
1.00000	-2.667246	-127.066399	-0.535856
-0.006206	-0.494278	-0.035513	
COMB DB-G1-3		MAX	
REL DIST	P	M2	V3
0.35070	10.433479	44.834878	0.600115
0.005939	0.894118	136.892921	
0.51302	10.433479	44.834878	0.600115
0.005939	0.523018	114.984837	
0.67535	10.433479	44.834878	0.600115
0.005939	0.161743	100.469390	
0.83767	10.433479	44.834878	0.600115
0.005939	0.256234	124.437509	0.600115
1.00000	10.433479	44.834878	0.600115
0.005939	0.681022	160.740869	
COMB DB-G1-3		MIN	
REL DIST	P	M2	V3
0.35070	-5.695600	-124.007033	-0.705958
0.006126	-1.036463	-144.649702	
0.51302	-5.695600	-124.007033	-0.705958
-0.006126	-0.613385	-124.007033	-0.705958
0.67535	-5.695600	-124.007033	-0.705958
0.006126	-0.150172	-36.089658	
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REL DIST	P	M2	V3
0.83767	-5.695600	-124.007033	-0.705958
-0.006126	-0.190044	-15.819209	
1.00000	-5.695600	-124.007033	-0.705958
-0.006126	-0.560301	-124.007033	-0.705958
COMB DB-G2-1		MAX	
REL DIST	P	M2	V3
0.35070	0.822076	33.926109	0.215530
0.000425	0.317167	76.111056	
0.51302	0.822076	33.926109	0.215530
0.000425	0.187477	55.746900	
0.67535	0.822076	33.926109	0.215530
0.000425	0.057779	35.397954	
0.83767	0.822076	33.926109	0.215530
0.000425	0.087558	15.98372	
1.00000	0.822076	33.926109	0.215530
0.000425	0.247757	0.904751	
COMB DB-G2-1		MIN	
REL DIST	P	M2	V3
0.35070	-4.840006	-2.372699	-0.266208
-0.001195	-0.393025	-10.389967	
0.51302	-4.840006	-2.372699	-0.266208
-0.001195	-0.232920	-11.546820	
0.67535	-4.840006	-2.372699	-0.266208
-0.001195	-0.072622	-13.054182	
0.83767	-4.840006	-2.372699	-0.266208
-0.001195	-0.071938	-13.054182	
1.00000	-4.840006	-2.372699	-0.266208
-0.001195	-0.201593	-16.540153	
COMB DB-G2-2		MAX	
REL DIST	P	M2	V3
0.35070	6.284922	50.359481	0.350799
0.004816	0.516378	136.448157	
0.51302	6.284922	50.359481	0.350799
0.004816	0.305293	101.715823	
0.67535	6.284922	50.359481	0.350799
0.004816	0.094135	95.170379	
0.83767	6.284922	50.359481	0.350799
0.004816	0.192140	121.446626	
1.00000	6.284922	50.359481	0.350799
0.004816	0.496746	148.946082	
COMB DB-G2-2		MIN	
REL DIST	P	M2	V3
0.35070	-6.521589	-93.554784	-0.506204
-0.006768	-0.742222	-18.956609	
0.51302	-6.521589	-93.554784	-0.506204
-0.006768	-0.439550	-31.307038	
0.67535	-6.521589	-93.554784	-0.506204
-0.006768	-0.136853	-10.381931	
0.83767	-6.521589	-93.554784	-0.506204
-0.006768	-0.116779	-5.104975	
1.00000	-6.521589	-93.554784	-0.506204
-0.006768	-0.327963	-0.797063	
COMB DB-G2-3		MAX	
REL DIST	P	M2	V3
0.35070	8.693217	64.582507	0.568385
0.005192	8.693217	64.582507	0.568385
0.51302	8.693217	64.582507	0.568385
0.005192	0.495163	159.049785	
0.67535	8.693217	64.582507	0.568385
0.005192	0.130121	121.446626	
0.83767	8.693217	64.582507	0.568385
0.005192	0.252123	146.888121	
1.00000	8.693217	64.582507	0.568385
0.005192	0.689947	161.783040	
COMB DB-G2-3		MIN	
REL DIST	P	M2	V3
0.35070	-7.597429	-105.997776	-0.692627
-0.006503	-1.017326	-111.061602	
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FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	M2	V3
0.51302	-7.597429	-105.997776	-0.692627

-0.006503	-0.602348	-55.452829	
0.67535	-7.597429	-105.997776	-0.692627
-0.006503	-0.187302	-9.359269	
0.83767	-7.597429	-105.997776	-0.692627
-0.006503	-0.188702	-9.359269	
1.00000	-7.597429	-105.997776	-0.692627
-0.006503	-0.530846	-0.764429	
COMB DL-G1-1-----MAX			
REL DIST	P	M2	V3
0.35070	8.241056	8.173906	0.644483
0.001328	0.949914	18.335207	
0.51302	8.241056	8.173906	0.644483
0.001328	0.562007	13.478330	
0.67535	8.241056	8.173906	0.644483
0.001328	0.173463	8.701773	
0.83767	8.241056	8.173906	0.644483
0.001328	0.223603	4.097816	
1.00000	8.241056	8.173906	0.644483
0.001328	0.628786	2.118081	
COMB DL-G1-1-----MIN			
REL DIST	P	M2	V3
0.35070	-1.366089	-53.170091	-0.673391
-0.000493	-0.992085	-127.664749	
0.51302	-1.366089	-53.170091	-0.673391
-0.000493	-0.586567	-95.725559	
0.67535	-1.366089	-53.170091	-0.673391
-0.000493	-0.181691	-63.893905	
0.83767	-1.366089	-53.170091	-0.673391
-0.000493	-0.212271	-32.362225	
1.00000	-1.366089	-53.170091	-0.673391
-0.000493	-0.600625	-3.219700	
COMB DL-G1-2-----MAX			
REL DIST	P	M2	V3
0.35070	14.421508	26.768289	0.993380
0.005224	1.461873	115.751728	
0.51302	14.421508	26.768289	0.993380
0.005224	0.864613	102.742712	
0.67535	14.421508	26.768289	0.993380
0.005224	0.267479	105.629411	
0.83767	14.421508	26.768289	0.993380
0.005224	0.392387	146.114463	
1.00000	14.421508	26.768289	0.993380
0.005224	1.024480	193.937483	
COMB DL-G1-2-----MIN			
REL DIST	P	M2	V3
0.35070	-2.967353	-143.161071	-1.067551
-0.005977	-1.562281	-196.847951	
0.51302	-2.967353	-143.161071	-1.067551
-0.005977	-0.923274	-113.047123	
0.67535	-2.967353	-143.161071	-1.067551
-0.005977	-0.284988	-143.161071	-1.067551
0.83767	-2.967353	-143.161071	-1.067551
-0.005977	-0.335699	-26.156369	
1.00000	-2.967353	-143.161071	-1.067551
-0.005977	-0.928591	-0.032882	
COMB DL-G1-3-----MAX			
REL DIST	P	M2	V3
0.35070	13.902626	59.581618	1.181882
0.004718	0.719398	201.751915	
0.51302	13.902626	59.581618	1.181882
0.004718	1.028494	168.823467	
0.67535	13.902626	59.581618	1.181882
0.004718	0.317493	149.360150	
0.83767	13.902626	59.581618	1.181882
0.004718	0.451196	162.728251	
1.00000	13.902626	59.581618	1.181882
0.004718	1.229503	188.912110	
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FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	M2	V3
0.35070	-8.142926	-137.671572	-1.293862
-0.005901	-1.898803	-194.129052	
0.51302	-8.142926	-137.671572	-1.293862
-0.005901	-1.123001	-113.568629	
0.67535	-8.142926	-137.671572	-1.293862
-0.005901	-0.347649	-58.945767	
0.83767	-8.142926	-137.671572	-1.293862
-0.005901	-0.396988	-24.441015	
1.00000	-8.142926	-137.671572	-1.293862
-0.005901	-1.104467	-0.032449	
COMB DL-G2-1-----MAX			
REL DIST	P	M2	V3
0.35070	0.912306	59.883982	0.396608
0.000385	0.583563	127.249393	
0.51302	0.912306	59.883982	0.396608
0.000385	0.344775	91.834311	
0.67535	0.912306	59.883982	0.396608
0.000385	0.109667	6.893943	
0.83767	0.912306	59.883982	0.396608
0.000385	0.139686	22.634686	
1.00000	0.912306	59.883982	0.396608
0.000385	0.395945	1.312592	
COMB DL-G2-1-----MIN			
REL DIST	P	M2	V3
0.35070	-8.599413	-4.648439	-0.425798
-0.001302	-0.628852	-17.886727	
0.51302	-8.599413	-4.648439	-0.425798
-0.001302	-0.372588	-16.277699	
0.67535	-8.599413	-4.648439	-0.425798
-0.001302	-0.116241	-15.063281	
0.83767	-8.599413	-4.648439	-0.425798
-0.001302	-0.131769	-14.875075	
1.00000	-8.599413	-4.648439	-0.425798
-0.001302	-0.370535	-25.793424	
COMB DL-G2-2-----MAX			
REL DIST	P	M2	V3
0.35070	6.277131	77.778086	0.701442
0.003980	1.030421	226.255580	
0.51302	6.277131	77.778086	0.701442
0.003980	0.608796	182.154064	
0.67535	6.277131	77.778086	0.701442
0.003980	0.188049	152.620532	
0.83767	6.277131	77.778086	0.701442
0.003980	0.286045	157.507509	
1.00000	6.277131	77.778086	0.701442
0.003980	0.761770	163.942203	
COMB DL-G2-2-----MIN			
REL DIST	P	M2	V3
0.35070	-10.863613	-89.156838	-0.790496
-0.006441	-0.614677	-89.156838	-0.790496
0.51302	-10.863613	-89.156838	-0.790496
-0.006441	-0.684105	-36.474247	
0.67535	-10.863613	-89.156838	-0.790496
-0.006441	-0.210631	-36.456696	
0.83767	-10.863613	-89.156838	-0.790496
-0.006441	-0.240224	-6.863948	
1.00000	-10.863613	-89.156838	-0.790496
-0.006441	-0.657306	-1.441302	
COMB DL-G2-3-----MAX			

-0.005669 -0.197836 -24.405251 -0.521998
0.32460 -11.172502 -20.118220 -0.521998
-0.005669 -0.094805 -48.126882 -0.521998
0.48691 -11.172502 -20.118220 -0.521998
-0.005669 -0.305973 -87.544925 -0.521998
0.64921 -11.172502 -20.118220 -0.521998
-0.005669 -0.517096 -153.817403 -0.521998

COMB DB-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 4.694935 133.203090 0.574591
0.006330 0.536026 162.039196 0.574591
0.16230 0.16230 133.203090 0.574591
0.006330 0.190276 118.345859 0.574591
0.32460 4.694935 133.203090 0.574591
0.006330 0.190276 118.345859 0.574591
0.48691 4.694935 133.203090 0.574591
0.006330 0.190276 118.345859 0.574591
0.64921 4.694935 133.203090 0.574591
0.006330 0.190276 118.345859 0.574591

COMB DB-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -11.882036 -37.491543 -0.699682
-0.005631 -0.675337 -0.747333 -0.699682
0.16230 -11.882036 -37.491543 -0.699682
-0.005631 -0.234462 -22.418505 -0.699682
0.32460 -11.882036 -37.491543 -0.699682
0.005631 -0.155071 -44.923340 -0.699682
0.48691 0.190276 133.203090 -0.699682
-0.005631 -0.500781 -90.239798 -0.699682
0.64921 -11.882036 -37.491543 -0.699682
-0.005631 -0.846383 -161.795938 -0.699682

COMB DL-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 8.113042 7.876344 0.660376
0.001334 0.616102 2.136088 0.660376
0.16230 8.113042 7.876344 0.660376
0.001334 0.001334 33.025063 0.660376
0.32460 8.113042 7.876344 0.660376
0.001334 0.178966 64.307859 0.660376
0.48691 8.113042 7.876344 0.660376
0.001334 0.001334 33.025063 0.660376
0.64921 8.113042 7.876344 0.660376
0.001334 0.971180 127.783572 0.660376

COMB DL-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.271578 -52.881300 -0.658587
-0.004894 -0.613416 -3.221046 -0.658587
0.16230 -1.271578 -52.881300 -0.658587
-0.004894 -0.217336 -6.732865 -0.658587
0.32460 -1.271578 -52.881300 -0.658587
-0.004894 -0.176876 -11.225176 -0.658587
0.48691 -1.271578 -52.881300 -0.658587
-0.004894 -0.574559 -15.854913 -0.658587
0.64921 -1.271578 -52.881300 -0.658587
-0.004894 -0.971756 -20.546243 -0.658587

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 10.048068 99.042528 1.010829
0.007083 0.944933 194.004242 1.010829
0.16230 10.048068 99.042528 1.010829
0.007083 0.340451 75.733691 1.010829
0.32460 10.048068 99.042528 1.010829
0.007083 0.282360 161.309106 1.010829
0.48691 10.048068 99.042528 1.010829
0.007083 0.100484 22.730423 1.010829
0.64921 10.048068 99.042528 1.010829
0.007083 1.536939 223.703128 1.010829

COMB DL-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -7.356072 -70.307886 -1.051703
-0.004369 -1.007484 -0.036421 -1.051703
0.16230 -7.356072 -70.307886 -1.051703
-0.004369 -0.375334 -2.752889 -1.051703
0.32460 -7.356072 -70.307886 -1.051703
-0.004369 -0.271387 -10.460424 -1.051703
0.48691 -7.356072 -70.307886 -1.051703
-0.004369 -0.878820 -36.611289 -1.051703
0.64921 -7.356072 -70.307886 -1.051703
-0.004369 -1.486232 -93.766743 -1.051703

COMB DL-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 10.334965 118.759157 1.194066
0.006125 0.114852 188.976417 1.194066
0.16230 10.334965 118.759157 1.194066
0.006125 0.400526 176.640437 1.194066
0.32460 10.334965 118.759157 1.194066
0.006125 0.340577 134.047377 1.194066
0.48691 10.334965 118.759157 1.194066
0.006125 0.127484 207.680277 1.194066
0.64921 10.334965 118.759157 1.194066
0.006125 1.905848 252.166589 1.194066

COMB DL-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -11.743026 -78.725924 -1.298964
-0.004402 -1.233078 -0.035313 -1.298964
0.16230 -11.743026 -78.725924 -1.298964
-0.004402 -0.452074 -12.717955 -1.298964
0.32460 -11.743026 -78.725924 -1.298964
-0.004402 -0.320743 -10.446938 -1.298964
0.48691 -11.743026 -78.725924 -1.298964
-0.004402 -1.038854 -83.909742 -1.298964
0.64921 -11.743026 -78.725924 -1.298964
-0.004402 -1.756653 -153.069643 -1.298964

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.887029 60.132277 0.390849
0.000461 0.364189 60.132277 0.390849
0.16230 0.887029 60.132277 0.390849
0.000461 0.128955 2.855341 0.390849
0.32460 0.887029 60.132277 0.390849
0.000461 0.122409 5.456356 0.390849
0.48691 0.887029 60.132277 0.390849
0.000461 0.395927 8.173073 0.390849
0.64921 0.887029 60.132277 0.390849
0.000461 0.669414 10.954370 0.390849

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -8.612252 -4.691225 -0.454642
-0.001346 -0.424309 -25.780503 -0.454642
0.16230 -8.612252 -4.691225 -0.454642
-0.001346 -0.159244 -1.583636 -0.454642
0.32460 -8.612252 -4.691225 -0.454642
-0.001346 -0.105383 -92.438701 -0.454642
0.48691 -8.612252 -4.691225 -0.454642
-0.001346 -0.340536 -128.446627 -0.454642
0.64921 -8.612252 -4.691225 -0.454642
-0.001346 -0.575811 -164.549772 -0.454642

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 2.369184 145.411366 0.694729
0.005582 0.649285 163.991808 0.694729
0.16230 2.369184 145.411366 0.694729
0.005582 0.236298 125.116168 0.694729
0.32460 2.369184 145.411366 0.694729
0.005582 0.219882 86.930626 0.694729
0.48691 2.369184 145.411366 0.694729
0.005582 0.712538 163.60092 0.694729
0.64921 2.369184 145.411366 0.694729
0.005582 1.205786 93.880776 0.694729

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -15.056268 -22.542900 -0.825506
-0.004995 -0.795709 -1.417659 -0.825506
0.16230 -15.056268 -22.542900 -0.825506
-0.004995 -0.239145 -4.371740 -0.825506
0.32460 -15.056268 -22.542900 -0.825506
-0.004995 -0.187479 -81.801815 -0.825506
0.48691 -15.056268 -22.542900 -0.825506
-0.004995 -0.604448 -138.477526 -0.825506
0.64921 -15.056268 -22.542900 -0.825506
-0.004995 -1.021785 -223.824515 -0.825506

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 7.039232 148.629061 1.111408
0.006033 1.037608 185.628650 1.111408
0.16230 7.039232 148.629061 1.111408
0.006033 0.373311 152.642929 1.111408
0.32460 7.039232 148.629061 1.111408
0.006033 0.331455 138.382717 1.111408
0.48691 7.039232 148.629061 1.111408
0.006033 0.169757 151.829626 1.111408
0.64921 7.039232 148.629061 1.111408
0.006033 1.807427 179.464702 1.111408

COMB DL-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -15.084326 -51.020260 -1.232579
-0.004899 -1.171953 -1.246809 -1.232579
0.16230 -15.084326 -51.020260 -1.232579
-0.004899 -0.430611 -37.896589 -1.232579
0.32460 -15.084326 -51.020260 -1.232579
-0.004899 -0.298826 -76.745495 -1.232579
0.48691 -15.084326 -51.020260 -1.232579
-0.004899 -0.967089 -136.931772 -1.232579
0.64921 -15.084326 -51.020260 -1.232579
-0.004899 -1.635227 -223.827924 -1.232579

COMB DB ----- MAX

REL DIST T P M2 M3 V3
0.00000 6.597722 133.203090 0.609244
0.007108 0.568427 170.203244 0.609244
0.16230 6.597722 133.203090 0.609244
0.007108 0.201883 141.739238 0.609244
0.32460 6.597722 133.203090 0.609244
0.007108 0.193240 126.748144 0.609244
0.48691 6.597722 133.203090 0.609244
0.007108 0.622784 143.667828 0.609244
0.64921 6.597722 133.203090 0.609244
0.007108 1.052202 180.053198 0.609244

COMB DB ----- MIN

REL DIST T P M2 M3 V3
0.00000 -11.882036 -58.841811 -0.717315
-0.005669 -0.691279 -16.615647 -0.717315
0.16230 -11.882036 -58.841811 -0.717315
-0.005669 -0.259753 -27.275343 -0.717315
0.32460 -11.882036 -58.841811 -0.717315
-0.005669 -0.161436 -56.718682 -0.717315
0.48691 -11.882036 -58.841811 -0.717315
-0.005669 -0.530908 -90.239798 -0.717315
0.64921 -11.882036 -58.841811 -0.717315
-0.005669 -0.897353 -161.795938 -0.717315

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 10.334965 148.629061 1.194066
0.007083 1.114852 194.004242 1.194066
0.16230 10.334965 148.629061 1.194066
0.007083 0.400526 176.640437 1.194066
0.32460 10.334965 148.629061 1.194066
0.007083 0.349667 176.334797 1.194066
0.48691 10.334965 148.629061 1.194066
0.007083 0.127484 207.680277 1.194066
0.64921 10.334965 148.629061 1.194066
0.007083 1.905848 252.166589 1.194066

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -15.084326 -78.725924 -1.298964
-0.004995 -1.233078 -25.780503 -1.298964
0.16230 -15.084326 -78.725924 -1.298964
-0.004995 -0.452074 -12.717955 -1.298964
0.32460 -15.084326 -78.725924 -1.298964
-0.004995 -0.320743 -92.438701 -1.298964
0.48691 -15.084326 -78.725924 -1.298964
-0.004995 -1.038854 -83.909742 -1.298964
0.64921 -15.084326 -78.725924 -1.298964
-0.004995 -1.756653 -223.827924 -1.298964

COMB CAR ----- MAX

REL DIST T P M2 M3 V3
0.00000 10.334965 148.629061 1.194066
0.007108 1.114852 194.004242 1.194066
0.16230 10.334965 148.629061 1.194066
0.007108 0.400526 176.640437 1.194066
0.32460 10.334965 148.629061 1.194066
0.007108 0.349667 176.334797 1.194066
0.48691 10.334965 148.629061 1.194066
0.007108 0.127484 207.680277 1.194066
0.64921 10.334965 148.629061 1.194066
0.007108 1.905848 252.166589 1.194066

COMB CAR ----- MIN

REL DIST T P M2 M3 V3
0.00000 -15.084326 -78.725924 -1.298964
-0.004995 -1.233078 -25.780503 -1.298964
0.16230 -15.084326 -78.725924 -1.298964
-0.004995 -0.452074 -12.717955 -1.298964
0.32460 -15.084326 -78.725924 -1.298964
-0.004995 -0.320743 -92.438701 -1.298964
0.48691 -15.084326 -78.725924 -1.298964
-0.004995 -1.038854 -83.909742 -1.298964
0.64921 -15.084326 -78.725924 -1.298964
-0.004995 -1.756653 -223.827924 -1.298964

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V3
0.00000 10.334965 148.629061 1.194066
0.007108 1.114852 194.004242 1.194066
0.16230 10.334965 148.629061 1.194066
0.007108 0.400526 176.640437 1.194066
0.32460 10.334965 148.629061 1.194066
0.007108 0.349667 176.334797 1.194066
0.48691 10.334965 148.629061 1.194066
0.007108 0.127484 207.680277 1.194066
0.64921 10.334965 148.629061 1.194066
0.007108 1.905848 252.166589 1.194066

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V3
0.00000 -15.084326 -78.725924 -1.298964
-0.005669 -1.233078 -25.780503 -1.298964
0.16230 -15.084326 -78.725924 -1.298964
-0.005669 -0.452074 -12.717955 -1.298964
0.32460 -15.084326 -78.725924 -1.298964
-0.005669 -0.320743 -92.438701 -1.298964
0.48691 -15.084326 -78.725924 -1.298964
-0.005669 -1.038854 -83.909742 -1.298964
0.64921 -15.084326 -78.725924 -1.298964
-0.005669 -1.756653 -223.827924 -1.298964

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REL DIST T P M2 M3 V3
0.00000 10.334965 148.629061 1.194066
0.007108 1.114852 194.004242 1.194066
0.16230 10.334965 148.629061 1.194066
0.007108 0.400526 176.640437 1.194066
0.32460 10.334965 148.629061 1.194066
0.007108 0.349667 176.334797 1.194066
0.48691 10.334965 148.629061 1.194066
0.007108 0.127484 207.680277 1.194066
0.64921 10.334965 148.629061 1.194066
0.007108 1.905848 252.166589 1.194066

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V3
0.00000 -15.084326 -78.725924 -1.298964
-0.005669 -1.233078 -25.780503 -1.298964
0.16230 -15.084326 -78.725924 -1.298964
-0.005669 -0.452074 -12.717955 -1.298964
0.32460 -15.084326 -78.725924 -1.298964
-0.005669 -0.320743 -92.438701 -1.298964
0.48691 -15.084326 -78.725924 -1.298964
-0.005669 -1.038854 -83.909742 -1.298964
0.64921 -15.084326 -78.725924 -1.298964
-0.005669 -1.756653 -223.827924 -1.298964

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FRAME ELEMENT INTERNAL FORCES

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 173.000000 0.000000 0.000000
3.707440 0.000000 0.000000 0.000000
COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.35065 2.668689 26.402524 0.287523
0.001396 0.436593 60.025242 0.287523
0.51298 2.668689 26.402524 0.287523
0.001396 0.263526 44.151542 0.287523
1.00000 2.668689 26.402524 0.287523
0.001396 0.090430 28.302876 0.287523
0.83766 2.668689 26.402524 0.287523
0.001396 0.063858 12.545547 0.287523
2.668689 26.402524 0.287523
0.001396 0.260829 1.556157 0.287523

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.35065 -2.668689 -25.443562 -0.294022
0.51298 -2.668689 -25.443562 -0.294022
-2.46E-05 -0.270080 -44.809910 -0.294022
0.67532 -2.668689 -25.443562 -0.294022
-2.46E-05 -0.083161 -29.567477 -0.294022
0.83766 -2.668689 -25.443562 -0.294022
-2.46E-05 -0.082521 -14.782631 -0.294022
1.00000 -2.668689 -25.443562 -0.294022
-2.46E-05 -0.255590 -3.963493 -0.294022

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.35065 8.961953 47.966312 0.403150
0.008412 0.612146 144.853697 0.403150
0.51298 8.961953 47.966312 0.403150
0.008412 0.369754 117.292555 0.403150
0.67532 8.961953 47.966312 0.403150
0.008412 0.127007 12.830607 0.403150
0.83766 8.961953 47.966312 0.403150
0.008412 0.186884 144.801796 0.403150
1.00000 8.961953 47.966312 0.403150
0.008412 0.518330 182.368179 0.403150

COMB DB-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.35065 -8.961953 -128.991996 -0.551320
-0.006550 -0.808943 -136.020584 -0.551320
0.51298 -8.961953 -128.991996 -0.551320
-0.006550 -0.485317 -64.365029 -0.551320
0.67532 -8.961953 -128.991996 -0.551320
-0.006550 -0.174283 -30.139916 -0.551320
0.83766 -8.961953 -128.991996 -0.551320
-0.006550 -0.131005 -13.287598 -0.551320
1.00000 -8.961953 -128.991996 -0.551320
-0.006550 -0.358116 -0.015581 -0.551320

COMB DB-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.35065 11.962489 60.704285 0.494975
0.007084 0.751610 176.709971 0.494975
0.51298 11.962489 60.704285 0.494975
0.007084 0.453365 141.289136 0.494975
0.67532 11.9624

0.000345-1.121118-107.81361-1.233713REL DISTP M2 V2 V30.3506512.37083580.3297420.9794450.006552-0.460752-94.598751-0.7098050.64926-12.538597-67.907976-0.7098050.006552-0.763608-170.188957COMB DB-G2-1MAXREL DISTP M2 V2 V30.000004.71146827.1386360.2120050.000000.1884660.9311300.2120050.162314.71146827.1386360.2120050.242630.00808819.6892260.2120050.324630.471146827.1386360.2120050.202E-050.0878587.2067780.2120050.486944.71146827.1386360.2120050.202E-050.29294719.2269260.2120050.649264.71146827.1386360.2120050.202E-050.4220320.3033418COMB DB-G2-1MINREL DISTP M2 V2 V30.00000-2.696473-19.226926-0.277744-0.001435-0.246334-16.873059-0.2777440.16231-2.696473-19.226926-0.2777440.001435-0.246334-16.873059-0.2777440.32463-2.696473-19.226926-0.2777440.48694-2.696473-19.226926-0.2777440.001435-0.246334-16.873059-0.2777440.64926-2.696473-19.226926-0.277744COMB DB-G2-2MAXREL DISTP M2 V2 V30.000006.852323123.8973100.3103970.0060960.275820161.5586170.310397ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DB-G2-2MINREL DISTP M2 V2 V30.162316.852323123.8973100.3103970.0060960.275820161.5586170.3103970.324636.852323123.8973100.3103970.0060960.275820161.5586170.3103970.486946.852323123.8973100.3103970.649266.852323123.8973100.310397COMB DB-G2-2MAXREL DISTP M2 V2 V30.000006.852323123.8973100.3103970.0060960.275820161.5586170.310397ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DB-G2-2MINREL DISTP M2 V2 V30.162316.852323123.8973100.3103970.0060960.275820161.5586170.3103970.324636.852323123.8973100.3103970.0060960.275820161.5586170.3103970.486946.852323123.8973100.3103970.649266.852323123.8973100.310397COMB DB-G2-2MINREL DISTP M2 V2 V30.00000-4.596844-113.263646-0.785298-0.007724-1.173109-139.448050-0.7852980.51298-4.596844-113.263646-0.7852980.007724-1.173109-139.448050-0.7852980.67532-4.596844-113.263646-0.7852980.007724-1.173109-139.448050-0.7852980.83766-4.596844-113.263646-0.7852980.007724-1.173109-139.448050-0.7852981.00000-4.596844-113.263646-0.7852980.007724-1.173109-139.448050-0.785298COMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 V30.3506511.59492280.3297420.9271660.0061671.045661256.9532680.9271660.512981.59492280.3297420.9271660.0061671.045661256.9532680.9271660.675321.59492280.3297420.9271660.0061671.045661256.9532680.9271660.837661.59492280.3297420.9271660.0061671.045661256.9532680.9271661.000001.59492280.3297420.9271660.0061671.045661256.9532680.927166ProgramSAP2000NonlinearVersion7.42File:상행S11-S1503.OUTCOMB DL-G2-3MAXREL DISTP M2 V2 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-1.39E-05	-0.391555	-104.491536			
COMB DB-G1-2			MAX		
REL DIST	P	M2	V2	V3	
0.00000	2.122649	155.050330	0.373153		
0.008650	0.333131	184.772559			
0.16231	2.122649	155.050330	0.373153		
0.008650	0.119762	132.958542			
0.32461	2.122649	155.050330	0.373153		
0.008650	0.158517	85.482699			
Program	SAP2000	Nonlinear	Version 7.42		
File:상행S11-S1503.OUT					
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FRAME ELEMENT INTERNAL FORCES					
REL DIST	P	M2	V2	V3	
0.48692	2.122649	155.050330	0.373153		
0.008650	0.423552	81.417933			
0.64922	2.122649	155.050330	0.373153		
0.008650	0.718943	97.905824			
COMB DB-G1-2			MIN		
REL DIST	P	M2	V2	V3	
0.00000	-14.605761	-30.287888			
-0.007065	-0.464205	0.003641			
0.16231	-14.605761	-30.287888			
-0.007065	-0.170253	-25.436404			
0.32461	-14.605761	-30.287888			
-0.007065	-0.115597	-18.634411			
0.48692	-14.605761	-30.287888			
-0.007065	-0.340107	-107.288330			
0.64922	-14.605761	-30.287888			
-0.007065	-0.564590	-193.363816			
COMB DB-G1-3			MAX		
REL DIST	P	M2	V2	V3	
0.00000	7.792911	144.110921			
0.007299	0.428596	174.690683			
0.16231	7.792911	144.110921			
0.007299	0.148855	158.159355			
0.32461	7.792911	144.110921			
0.007299	0.200728	128.634915			
0.48692	7.792911	144.110921			
0.007299	0.577261	170.876436			
0.64922	7.792911	144.110921			
0.007299	0.970687	212.186330			
COMB DB-G1-3			MIN		
REL DIST	P	M2	V2	V3	
0.00000	-13.547569	-71.136231			
-0.006644	-0.604340	-0.005657			
0.16231	-13.547569	-71.136231			
-0.006644	-0.211932	-26.076187			
0.32461	-13.547569	-71.136231			
-0.006644	-0.148934	-62.596799			
0.48692	-13.547569	-71.136231			
-0.006644	-0.437831	-112.132770			
0.64922	-13.547569	-71.136231			
-0.006644	-0.726681	-193.305776			
COMB DB-G2-1			MAX		
REL DIST	P	M2	V2	V3	
0.00000	6.922503	16.807612			
2.03E-05	0.198405	0.937005			
0.16231	6.922503	16.807612			
2.03E-05	0.064643	0.595093			
0.32461	6.922503	16.807612			
2.03E-05	0.079668	26.890031			
0.48692	6.922503	16.807612			
2.03E-05	0.232804	120.0068			
0.64922	6.922503	16.807612			
2.03E-05	0.385947	70.176659			
COMB DB-G2-1			MIN		
REL DIST	P	M2	V2	V3	
0.00000	-1.113495	-36.017417			
-0.001329	-0.226665	-16.860956			
0.16231	-1.113495	-36.017417			
-0.001329	-0.073505	-14.258066			
0.32461	-1.113495	-36.017417			
-0.001329	-0.069015	-23.814688			
0.48692	-1.113495	-36.017417			
-0.001329	-0.073789	-29.012985			
0.64922	-1.113495	-36.017417			
-0.001329	-0.336520	-43.896116			
COMB DB-G2-2			MAX		
REL DIST	P	M2	V2	V3	
0.00000	9.590899	112.138593			
0.006631	0.293700	163.951305			
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FRAME ELEMENT INTERNAL FORCES					
REL DIST	P	M2	V2	V3	
0.16231	9.590899	112.138593			
0.006631	0.105871	142.2135671			
0.32461	9.590899	112.138593			
0.006631	0.159666	120.811513			
0.48692	9.590899	112.138593			
0.006631	0.434067	139.606153			
0.64922	9.590899	112.138593			
0.006631	0.706855	177.613688			
COMB DB-G2-2			MIN		
REL DIST	P	M2	V2	V3	
0.00000	-6.877222	-65.862871			
-0.008058	-0.475632	0.684666			
0.16231	-6.877222	-65.862871			
-0.008058	-0.173454	-12.091498			
0.32461	-6.877222	-65.862871			
-0.008058	-0.102284	-55.855087			
0.48692	-6.877222	-65.862871			
-0.008058	-0.300520	-49.364724			
0.64922	-6.877222	-65.862871			
-0.008058	-0.498614	-110.887824			
COMB DB-G2-3			MAX		
REL DIST	P	M2	V2	V3	
0.00000	9.380747	147.538844			
0.007186	0.427878	176.553999			
0.16231	9.380747	147.538844			
0.007186	0.146696	143.976425			
0.32461	9.380747	147.538844			
0.007186	0.206772	126.015482			
0.48692	9.380747	147.538844			
0.007186	0.578843	149.863466			
0.64922	9.380747	147.538844			
0.007186	0.974521	189.742333			
COMB DB-G2-3			MIN		
REL DIST	P	M2	V2	V3	
0.00000	-12.017277	-69.053117			
-0.007462	-0.609433	0.847521			
0.16231	-12.017277	-69.053117			

-0.007462	-0.214363	-13.737985			
0.32461	-12.017277	-69.053117			
-0.007462	-0.214363	-13.737985			
0.48692	-12.017277	-69.053117			
-0.007462	-0.430179	-99.957386			
0.64922	-12.017277	-69.053117			
-0.007462	-0.713885	-182.978489			
COMB DL-G1-1			MAX		
REL DIST	P	M2	V2	V3	
0.00000	1.264011	40.280772			
0.001359	0.426495	2.087150			
0.16231	1.264011	40.280772			
0.001359	0.138202	13.758239			
0.32461	1.264011	40.280772			
0.001359	0.171712	25.965339			
0.48692	1.264011	40.280772			
0.001359	0.500271	38.253312			
0.64922	1.264011	40.280772			
0.001359	0.829153	50.567034			
COMB DL-G1-1			MIN		
REL DIST	P	M2	V2	V3	
0.00000	-6.112091	-20.516384			
-1.12E-05	-0.486847	-4.922787			
0.16231	-6.112091	-20.516384			
-1.12E-05	-0.157488	-25.557836			
0.32461	-6.112091	-20.516384			
-1.12E-05	-0.146085	-52.630238			
0.48692	-6.112091	-20.516384			
-1.12E-05	-0.434703	-75.79263			
0.64922	-6.112091	-20.516384			
-1.12E-05	-0.722608	-100.970339			
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FRAME ELEMENT INTERNAL FORCES					
COMB DL-G1-2			MAX		
REL DIST	P	M2	V2	V3	
0.00000	2.217010	140.896843			
0.008210	0.830969	200.513022			
0.16231	2.217010	140.896843			
0.008210	0.226123	156.144901			
0.32461	2.217010	140.896843			
0.008210	0.278299	119.261598			
0.48692	2.217010	140.896843			
0.008210	0.786646	118.230835			
0.64922	2.217010	140.896843			
0.008210	1.316381	136.561235			
COMB DL-G1-2			MIN		
REL DIST	P	M2	V2	V3	
0.00000	-12.669132	-35.000330			
-0.006534	-0.814645	-0.003116			
0.16231	-12.669132	-35.000330			
-0.006534	-0.284667	-22.774245			
0.32461	-12.669132	-35.000330			
-0.006534	-0.213831	-53.991728			
0.48692	-12.669132	-35.000330			
-0.006534	-0.634933	-101.651365			
0.64922	-12.669132	-35.000330			
-0.006534	-1.055740	-183.982458			
COMB DL-G1-3			MAX		
REL DIST	P	M2	V2	V3	
0.00000	7.029294	134.242448			
0.006850	0.792593	196.238850			
0.16231	7.029294	134.242448			
0.006850	0.274523	182.160275			
0.32461	7.029294	134.242448			
0.006850	0.357883	178.296339			
0.48692	7.029294	134.242448			
0.006850	1.023402	204.028265			
0.64922	7.029294	134.242448			
0.006850	1.706434	245.616306			
COMB DL-G1-3			MIN		
REL DIST	P	M2	V2	V3	
0.00000	-11.889093	-73.589249			
-0.006091	-1.035361	-25.687309			
0.16231	-11.889093	-73.589249			
-0.006091	-0.352116	-28.557836			
0.32461	-11.889093	-73.589249			
-0.006091	-0.271598	-59.950328			
0.48692	-11.889093	-73.589249			
-0.006091	-0.803051	-109.834156			
0.64922	-11.889093	-73.589249			
-0.006091	-1.334153	-188.144401			
COMB DL-G2-1			MAX		
REL DIST	P	M2	V2	V3	
0.00000	5.895579	21.645290			
1.76E-05	0.312163	33.161656			
0.16231	5.895579	21.645290			
1.76E-05	0.101352	5.676957			
0.32461	5.895579	21.645290			
1.76E-05	0.139476	25.247133			
0.48692	5.895579	21.645290			
1.76E-05	0.407995	55.903673			
0.64922	5.895579	21.645290			
1.76E-05	0.675465	86.825293			
COMB DL-G2-1			MIN		
REL DIST	P	M2	V2	V3	
0.00000	-1.231843	-35.184345			
-0.001337	-0.396923	-25.687309			
0.16231	-1.231843	-35.184345			
-0.001337	-0.128447	-22.612814			
0.32461	-1.231843	-35.184345			
-0.001337	-0.103577	-34.108021			
0.48692	-1.231843	-35.184345			
-0.001337	-0.320503	-46.700344			
0.64922	-1.231843	-35.184345			
-0.001337	-0.531445	-59.507526			
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0.83768 -1.484326 -161.477670 -0.393959
-0.007904 -0.112727 -160.212497
1.00000 0.699286 161.171569 -0.393959
-0.007904 -0.299616 -0.395951

COMB DB-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.35071 14.697358 68.598189
0.006827 0.699286 161.171569
0.51303 14.697358 68.598189
0.006827 0.699286 161.171569
0.83768 14.697358 68.598189
0.006827 0.177677 159.742060
1.00000 14.697358 68.598189
0.006827 0.491441 176.892654

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.35071 -7.694601 -153.158156 -0.521710
-0.007324 -2.165698
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.51303 -7.694601 -153.158156 -0.521710
-0.007324 -0.452219 -128.344185
0.67535 -7.694601 -153.158156
-0.007324 -0.145469 -36.277289
0.83768 -7.694601 -153.158156 -0.521710
-0.007324 -0.146795 -36.277289
1.00000 -7.694601 -153.158156 -0.521710
-0.007324 -0.406681 -0.381040

COMB DL-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.35071 0.669286 53.171569 0.395075
0.000961 0.597924 123.101261
0.51303 0.669286 53.171569 0.395075
0.000961 0.360079 91.183661
0.67535 0.669286 53.171569 0.395075
0.000961 0.122232 59.319990
0.83768 0.669286 53.171569 0.395075
1.00000 0.131898 27.763715
0.000961 0.669286 53.171569 0.395075
0.000961 0.405336 2.182150

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.35071 -7.548979 -10.777462 -0.454664
-1.83E-05 -0.689217 -24.589151
0.51303 -7.548979 -10.777462 -0.454664
-1.83E-05 -0.139579 -75.494679
0.67535 -7.548979 -10.777462 -0.454664
-1.83E-05 -0.142396 -11.800953
0.83768 -7.548979 -10.777462 -0.454664
-1.83E-05 -0.134140 -18.006218
1.00000 -7.548979 -10.777462 -0.454664
-1.83E-05 -0.351928 -5.703841

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.35071 6.132134 78.299336 0.566544
0.007664 0.854888 244.656394
0.51303 6.132134 78.299336 0.566544
0.007664 0.515059 204.434365
0.67535 6.132134 78.299336 0.566544
0.007664 0.175813 75.857957
0.83768 6.132134 78.299336 0.566544
0.007664 0.612133 187.029277
1.00000 6.132134 78.299336 0.566544
0.007664 0.664435 200.883708

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.35071 -9.614022 -10.607519 -0.712123
-0.006641 -1.052773 -93.037540
0.51303 -9.614022 -10.607519 -0.712123
0.006641 -0.625156 -34.400096
0.67535 -9.614022 -10.607519 -0.712123
-0.006641 -0.224487 -10.879672
0.83768 -9.614022 -10.607519 -0.712123
-0.006641 -0.191283 -3.811248
1.00000 -9.614022 -10.607519 -0.712123
-0.006641 -0.523285 -0.018476

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.35071 11.048260 175.250124 0.767948
0.006492 0.006133 240.324448
0.51303 11.048260 175.250124 0.767948
0.006492 0.699309 196.516507
0.67535 11.048260 175.250124 0.767948
0.006492 0.238448 189.100516
0.83768 11.048260 175.250124 0.767948
0.006492 0.294696 171.939984
1.00000 11.048260 175.250124 0.767948
0.006492 0.855144 197.019162
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.35071 -9.134248 -135.371537 -0.932724
-0.006178 -1.392891 -176.231226
0.51303 -9.134248 -135.371537 -0.932724
-0.006178 -0.832544 -97.184059
0.67535 -9.134248 -135.371537 -0.932724
-0.006178 -0.254432 -68.978240
0.83768 -9.134248 -135.371537 -0.932724
-0.006178 -0.244502 -11.070743
1.00000 -9.134248 -135.371537 -0.932724
-0.006178 -0.699457 -0.016605

COMB DL-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.35071 7.289754 10.885183 0.348624
8.46E-06 0.524280 10.885183 0.348624
0.51303 7.289754 10.885183 0.348624
8.46E-06 0.318156 16.741965
0.67535 7.289754 10.885183 0.348624
8.46E-06 0.101092 0.344041
0.83768 7.289754 10.885183 0.348624
8.46E-06 0.113051 4.231255
1.00000 7.289754 10.885183 0.348624
8.46E-06 0.349850 1.342709

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.35071 -0.640452 -48.076356 -0.393325
-0.000928 -0.597080 -137.709799
0.51303 -0.640452 -48.076356 -0.393325

-0.000928 -0.360172 -108.816769
0.67535 -0.640452 -48.076356 -0.393325
-0.000928 -0.122404 -80.005955
0.83768 -0.640452 -48.076356 -0.393325
-0.000928 -0.101201 -51.669356
1.00000 -0.640452 -48.076356 -0.393325
-0.000928 -0.310936 -25.616434

COMB DL-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.35071 14.143577 22.151300 0.522986
0.006109 0.789672 94.661681
0.51303 14.143577 22.151300 0.522986
0.006109 0.475886 83.874857
0.67535 14.143577 22.151300 0.522986
0.006109 0.162744 91.399272
0.83768 14.143577 22.151300 0.522986
0.006109 0.215513 131.138657
1.00000 14.143577 22.151300 0.522986
0.006109 0.605818 173.114986

COMB DL-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.35071 -1.359275 -150.426810 -0.649724
-0.007298 -0.961511 -225.700549
0.51303 -1.359275 -150.426810 -0.649724
-0.007298 -0.570999 -137.446671
0.67535 -1.359275 -150.426810 -0.649724
-0.007298 -0.205165 -81.532052
0.83768 -1.359275 -150.426810 -0.649724
-0.007298 -0.177224 -40.211313
1.00000 -1.359275 -150.426810 -0.649724
-0.007298 -0.485359 -0.706062

COMB DL-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.35071 13.186847 20.599784 0.746612
0.006111 1.128127 240.883527
0.51303 13.186847 20.599784 0.746612
0.006111 0.679589 200.825835
0.67535 13.186847 20.599784 0.746612
0.006111 0.231887 177.341913
0.83768 13.186847 20.599784 0.746612
1.00000 13.186847 20.599784 0.746612
0.006111 0.834820 194.433410
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.35071 -7.001608 -142.142672 -0.909854
-0.006608 -1.358296 -212.763058
0.51303 -7.001608 -142.142672 -0.909854
-0.006608 -0.415498 -129.424257
0.67535 -7.001608 -142.142672 -0.909854
-0.006608 -0.286683 -75.747348
0.83768 -7.001608 -142.142672 -0.909854
-0.006608 -0.299218 -18.006218
1.00000 -7.001608 -142.142672 -0.909854
-0.006608 -0.680870 -0.624924

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.35071 15.580086 77.939435 0.455583
0.008255 0.689726 215.202180
0.51303 15.580086 77.939435 0.455583
0.008255 0.415498 170.111166
0.67535 15.580086 77.939435 0.455583
0.008255 0.141360 145.622411
0.83768 15.580086 77.939435 0.455583
0.008255 0.107677 164.276232
1.00000 15.580086 77.939435 0.455583
0.008255 0.491441 184.646420

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.35071 -10.411106 -161.477670 -0.932724
-0.007904 -0.765973 -227.705614
0.51303 -10.411106 -161.477670 -0.932724
-0.007904 -0.452219 -136.673522
0.67535 -10.411106 -161.477670 -0.932724
-0.007904 -0.166144 -81.422932
0.83768 -10.411106 -161.477670 -0.932724
-0.007904 -0.146795 -44.879899
1.00000 -10.411106 -161.477670 -0.932724
-0.007904 -0.406681 -0.1777517

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.35071 14.143577 22.151300 0.522986
0.007664 0.854888 244.656394
0.51303 14.143577 22.151300 0.522986
0.007664 0.699309 196.516507
0.67535 14.143577 22.151300 0.522986
0.007664 0.238448 189.100516
0.83768 14.143577 22.151300 0.522986
0.007664 0.294696 171.939984
1.00000 14.143577 22.151300 0.522986
0.007664 0.855144 200.883708

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.35071 -9.614022 -150.426810 -0.932724
-0.007298 -1.392891 -225.700549
0.51303 -9.614022 -150.426810 -0.932724
-0.007298 -0.832544 -137.446671
0.67535 -9.614022 -150.426810 -0.932724
-0.007298 -0.244502 -11.070743
0.83768 -9.614022 -150.426810 -0.932724
-0.007298 -0.244502 -11.070743
1.00000 -9.614022 -150.426810 -0.932724
-0.007298 -0.699457 -0.016605

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.35071 15.580086 78.299336 0.767948
0.008255 1.160513 244.656394
0.51303 15.580086 78.299336 0.767948
0.008255 0.699309 200.825835
0.67535 15.580086 78.299336 0.767948
0.008255 0.238448 177.341913
0.83768 15.580086 78.299336 0.767948
0.008255 0.294696 187.029277
1.00000 15.580086 78.299336 0.767948
0.008255 0.855144 200.883708
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.35071 -10.411106 -161.477670 -0.932724
-0.007904 -1.392891 -227.705614
0.51303 -10.411106 -161.477670 -0.932724

-0.007904 -0.832544 -137.446671
0.67535 -10.411106 -161.477670 -0.932724
-0.007904 -0.212404 -81.532052
0.83768 -10.411106 -161.477670 -0.932724
-0.007904 -0.244502 -51.669356
1.00000 -10.411106 -161.477670 -0.932724
-0.007904 -0.699457 -25.616434

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.35071 15.580086 78.299336 0.767948
0.008255 1.160513 244.656394
0.51303 15.580086 78.299336 0.767948
0.008255 0.699309 200.825835
0.67535 15.580086 78.299336 0.767948
0.008255 0.238448 177.341913
0.83768 15.580086 78.299336 0.767948
0.008255 0.294696 187.029277
1.00000 15.580086 78.299336 0.767948
0.008255 0.855144 200.883708

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.35071 -10.411106 -161.477670 -0.932724
-0.007904 -1.392891 -227.705614
0.51303 -10.411106 -161.477670 -0.932724
-0.007904 -0.832544 -137.446671
0.67535 -10.411106 -161.477670 -0.932724
-0.007904 -0.294432 -81.532052
0.83768 -10.411106 -161.477670 -0.932724
-0.007904 -0.244502 -51.669356
1.00000 -10.411106 -161.477670 -0.932724
-0.007904 -0.699457 -25.616434

ELEM 178 ----- LENGTH

= 3.706736

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.827907 51.686543 0.229940
0.001044 0.205324 1.514149
0.16232 0.827907 51.686543 0.229940
0.001044 0.066947 6.514929
0.32464 0.827907 51.686543 0.229940
0.001044 0.073692 11.744380
0.48697 0.827907 51.686543 0.229940
0.001044 0.216695 17.013007
0.64929 0.827907 51.686543 0.229940
0.001044 0.359626 22.298065

COMB DB-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.807557 -8.797964 -0.237536
0.16232 -0.807557 -8.797964 -0.237536
-1.22E-05 -0.069129 -36.006031
0.32464 -0.807557 -8.797964 -0.237536
-1.22E-05 0.071337 -67.006549
0.48697 -0.807557 -8.797964 -0.237536
-1.22E-05 -0.209729 -98.034823
0.64929 -0.807557 -8.797964 -0.237536
-1.22E-05 -0.348080 -129.111442

COMB DB-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.753413 166.151030 0.334592
0.008363 0.356570 66.801862
0.16232 1.753413 166.151030 0.334592
0.008363 0.126448 128.147191
0.32464 1.753413 166.151030 0.334592
0.008363 0.134687 162.252462
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.48697 1.753413 166.151030 0.334592
0.008363 0.356570 66.801862
0.16232 1.753413 166.151030 0.334592
0.008363 0.609738 78.531836

COMB DB-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -15.657488 -22.378234 -0.421109
-0.007088 -0.406051 -0.021856
0.16232 -15.657488 -22.378234 -0.421109
-0.007088 -0.152862 -32.765452
0.32464 -15.657488 -22.378234 -0.421109
-0.007088 -0.103928 -72.753555
0.48697 -15.657488 -22.378234 -0.421109
-0.007088 -0.305335 -127.641727
0.64929 -15.657488 -22.378234 -0.421109
-0.007088 -0.506987 -220.644649

COMB DB-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 8.125521 148.912763 0.455794
0.007039 0.406641 175.172841
0.16232 8.125521 148.912763 0.455794
0.007039 0.126133 158.757063
0.32464 8.125521 148.912763 0.455794
0.007039 0.170885 147.538946
0.48697 8.125521 148.912763 0.455794
0.007039 0.406641 175.172841
0.64929 8.125521 148.912763 0.455794
0.007039 0.714164 213.269085

COMB DB-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -14.290155 -71.620362 -0.537564
-0.006569 -0.504221 -0.020448
0.16232 -14.290155 -71.620362 -0.537564
-0.006569 -0.180983 -30.367261
0.32464 -14.290155 -71.620362 -0.53

-0.006004	-0.297777	-28.676574		
0.32464	-12.851309	-72.981173	-0.944055	
0.006004	-0.297777	-68.271993		
0.48697	-12.851309	-72.981173	-0.944055	
-0.006004	-0.704464	-121.164970		
0.64929	-12.851309	-72.981173	-0.944055	
-0.006004	-1.169467	-202.902569		
COMB DL-G2-1-----MAX				
REL DIST	P	M2	M3	V3
0.00000	7.332121	11.029053		0.349761
0.000132	0.311553	1.343247		
0.16232	0.123231	11.029053		0.349761
0.000132	0.101046	11.468104		
0.32464	7.332121	11.029053		0.349761
0.000132	0.123231	11.029053		
0.48697	7.332121	11.029053		0.349761
0.000132	0.366098	67.844735		
0.64929	7.332121	11.029053		0.349761
0.000132	0.606985	96.745522		
COMB DL-G2-1-----MIN				
REL DIST	P	M2	M3	V3
0.00000	-0.627144	-48.565941		-0.399944
-0.001017	-0.355938	-25.642223		
0.16232	-0.627144	-48.565941		-0.399944
-0.001017	-0.111000	-13.683852		
0.32464	-0.627144	-48.565941		-0.399944
-0.001017	-0.108781	-18.942497		
0.48697	-0.938769	93.855901		-0.399944
-0.001017	-0.319737	-25.042024		
0.64929	-0.627144	-48.565941		-0.399944
-0.001017	-0.530161	-31.327647		
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F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB DL-G2-2-----MAX				
REL DIST	P	M2	M3	V3
0.00000	9.938769	93.855901		0.524809
0.000132	0.484034	173.124348		
0.16232	9.938769	93.855901		0.524809
0.000132	0.171779	167.455266		
0.32464	9.938769	93.855901		0.524809
0.000132	0.207333	182.200268		
0.48697	9.938769	93.855901		0.524809
0.000132	0.578370	189.466298		
0.64929	9.938769	93.855901		0.524809
0.000132	0.974275	234.893847		
COMB DL-G2-2-----MIN				
REL DIST	P	M2	M3	V3
0.00000	-5.641582	-79.897406		-0.658344
-0.007200	-0.613895	-0.679457		
0.16232	-5.641582	-79.897406		-0.658344
0.007200	-0.219139	-17.138855		
0.32464	-5.641582	-79.897406		-0.658344
-0.007200	-0.163619	-14.992632		
0.48697	-5.641582	-79.897406		-0.658344
-0.007200	-0.417803	-36.690225		
0.64929	-5.641582	-79.897406		-0.658344
-0.007200	-0.792872	-90.803582		
COMB DL-G2-3-----MAX				
REL DIST	P	M2	M3	V3
0.00000	9.382922	134.690670		0.751075
0.006321	0.683895	194.417458		
0.16232	9.382922	134.690670		0.751075
0.006321	0.240973	169.658277		
0.32464	9.382922	134.690670		0.751075
0.006321	0.288057	165.472136		
0.48697	9.382922	134.690670		0.751075
0.006321	0.815474	196.641226		
0.64929	9.382922	134.690670		0.751075
0.006321	1.365622	236.748454		
COMB DL-G2-3-----MIN				
REL DIST	P	M2	M3	V3
0.00000	-10.816346	-78.109857		-0.914863
-0.006663	-0.839867	-0.600924		
0.16232	-10.816346	-78.109857		-0.914863
0.006663	-0.290184	-11.580765		
0.32464	-10.816346	-78.109857		-0.914863
-0.006663	-0.233492	-45.383510		
0.48697	-10.816346	-78.109857		-0.914863
0.006663	-0.683987	-94.052629		
0.64929	-10.816346	-78.109857		-0.914863
-0.006663	-1.135152	-172.499558		
COMB DB-----MAX				
REL DIST	P	M2	M3	V3
0.00000	10.738130	166.151030		0.457179
0.008363	0.401992	185.114693		
0.16232	10.738130	166.151030		0.457179
0.008363	0.146230	158.757063		
0.32464	10.738130	166.151030		0.457179
0.008363	0.100863	147.338246		
0.48697	10.738130	166.151030		0.457179
0.008363	0.468191	171.611185		
0.64929	10.738130	166.151030		0.457179
0.008363	0.791464	213.269085		
COMB DB-----MIN				
REL DIST	P	M2	M3	V3
0.00000	-15.657468	-79.897406		-0.537564
-0.007817	-0.504221	-17.113584		
0.16232	-15.657468	-79.897406		-0.537564
-0.007817	-0.180883	-36.006311		
0.32464	-15.657468	-79.897406		-0.537564
-0.007817	-0.142176	-17.753555		
0.48697	-15.657468	-79.897406		-0.537564
-0.007817	-0.417294	-127.641727		
0.64929	-15.657468	-79.897406		-0.537564
-0.007817	-0.692453	-220.644649		
Program	SAP2000	Nonlinear	Version 7.42	
File:상행S11-S1503.OUT				
< MOVING Page LOAD 1106 >				
F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB DL-----MAX				
REL DIST	P	M2	M3	V3
0.00000	9.938769	154.732960		0.773974
0.007798	0.007187	173.124347		
0.16232	9.938769	154.732960		0.773974
0.007798	0.246007	183.578455		
0.32464	9.938769	154.732960		0.773974
0.007798	0.291276	173.567544		
0.48697	9.938769	154.732960		0.773974
0.007798	0.842968	204.782164		
0.64929	9.938769	154.732960		0.773974
0.007798	1.410168	246.114054		
COMB DL-----MIN				
REL DIST	P	M2	M3	V3
0.00000	-14.190058	-79.897406		-0.944055
-0.007200	-0.865267	-25.642223		
0.16232	-14.190058	-79.897406		-0.944055

-0.007200	-0.297777	-37.095188		
0.32464	-14.190058	-79.897406	-0.944055	
-0.007200	-0.240277	-70.918443		
0.48697	-14.190058	-79.897406	-0.944055	
-0.007200	-0.704464	-125.736334		
0.64929	-14.190058	-79.897406	-0.944055	
-0.007200	-1.169467	-216.134578		
COMB CAR-----MAX				
REL DIST	P	M2	M3	V3
0.00000	10.738130	166.151030		0.773974
0.008363	0.703951	200.918247		
0.16232	10.738130	166.151030		0.773974
0.008363	0.246007	183.578455		
0.32464	10.738130	166.151030		0.773974
0.008363	0.291276	173.567554		
0.48697	10.738130	166.151030		0.773974
0.008363	0.842968	204.782164		
0.64929	10.738130	166.151030		0.773974
0.008363	1.410168	246.114054		
COMB CAR-----MIN				
REL DIST	P	M2	M3	V3
0.00000	-15.657468	-79.897406		-0.944055
-0.007817	-0.865267	-25.642223		
0.16232	-15.657468	-79.897406		-0.944055
-0.007817	-0.297777	-37.095188		
0.32464	-15.657468	-79.897406		-0.944055
-0.007817	-0.240277	-72.753555		
0.48697	-15.657468	-79.897406		-0.944055
-0.007817	-0.704464	-127.641727		
0.64929	-15.657468	-79.897406		-0.944055
-0.007817	-1.169467	-220.644649		
COMB DESIGN-----MAX				
REL DIST	P	M2	M3	V3
0.00000	10.738130	166.151030		0.773974
0.008363	0.703951	200.918247		
0.16232	10.738130	166.151030		0.773974
0.008363	0.246007	183.578455		
0.32464	10.738130	166.151030		0.773974
0.008363	0.291276	173.567554		
0.48697	10.738130	166.151030		0.773974
0.008363	0.842968	204.782164		
0.64929	10.738130	166.151030		0.773974
0.008363	1.410168	246.114054		
COMB DESIGN-----MIN				
REL DIST	P	M2	M3	V3
0.00000	-15.657468	-79.897406		-0.944055
-0.007817	-0.865267	-25.642223		
0.16232	-15.657468	-79.897406		-0.944055
-0.007817	-0.297777	-37.095188		
0.32464	-15.657468	-79.897406		-0.944055
-0.007817	-0.240277	-72.753555		
0.48697	-15.657468	-79.897406		-0.944055
-0.007817	-0.704464	-127.641727		
0.64929	-15.657468	-79.897406		-0.944055
-0.007817	-1.169467	-220.644649		
Program	SAP2000	Nonlinear	Version 7.42	
File:상행S11-S1503.OUT				
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F R A M E E L E M E N T I N T E R N A L F O R C E S				
ELEM 179-----LENGTH = 3.706562				
COMB DB-G1-1-----MAX				
REL DIST	P	M2	M3	V3
0.35073	0.570713	56.185296		0.208599
0.000744	0.315311	130.319256		
0.51305	0.570713	56.185296		0.208599
0.000744	0.189810	96.546506		
0.000744	0.000113	16.565232		
0.000744	0.064298	62.810849		0.208599
0.83768	0.570713	56.185296		0.208599
0.000744	0.065228	29.210264		
1.00000	0.570713	56.185296		0.208599
0.000744	0.199273	1.398798		
COMB DB-G1-1-----MIN				
REL DIST	P	M2	M3	V3
0.35073	-8.263381	-4.554448		-0.222781
-0.000412	-0.350663	-9.910994		
0.51305	-8.263381	-4.554448		-0.222781
-0.000412	-0.202830	-7.084355		
0.67536	-8.263381	-4.554448		-0.222781
-0.000412	-0.068781	-2.387977		
0.83768	-8.263381	-4.554448		-0.222781
-0.000412	-0.061204	-2.063051		
1.00000	-8.263381	-4.554448		-0.222781
-0.000412	-0.186705	-5.111353		
COMB DB-G1-2-----MAX				
REL DIST	P	M2	M3	V3
0.35073	6.757590	82.121137		0.297033
0.007907	0.494843	225.249935		
0.51305	6.757590	82.121137		0.297033
0.007907	0.270783	177.600249		
0.67536	6.757590	82.121137		0.297033
0.007907	0.092026	151.052039		
0.007907	0.000768	16.565232		
0.007907	0.132225	167.262238		
1.00000	6.757590	82.121137		0.297033
0.007907	0.340658	185.151216		
COMB DB-G1-2-----MIN				
REL DIST	P	M2	M3	V3
0.35073	-10.531347	-106.652564		-0.346363
-0.007527	-10.531347	-106.652564		-0.346363
0.51305	-10.531347	-106.652564		-0.346363
-0.007527	-0.286830	-23.216030		
0.67536	-10.531347	-106.652564		-0.346363
-0.007527	-0.217173	-76.281309		
0.83768	-10.531347	-106.652564		-0.346363
-0.007527	-0.112583	-0.825852		
1.00000	-10.531347	-106.652564		-0.346363
-0.007527	-0.279470	-0.003483		
COMB DB-G1-3-----MAX				
REL DIST	P	M2	M3	V3
0.35073	12.231713	76.281309		0.431435
0.007017	0.652817	120.182334		
0.51305	12.231713	76.281309		0.431435
0.007017	0.93281	165.800669		
0.67536	12.231713	76.281309		0.431435
0.007017	0.335564	139.030804		
0.83768	12.231713	76.281309		0.431435
0.007017	0.164553	148.005220		
1.00000	12.231713	76.281309		0.431435
0.007017	0.450946	175.496702		
COMB DB-G1-3-----MIN				
REL DIST	P	M2	M3	V3
0.35073	-9.895088	-143.275497		-0.475916
-0.006909	-0.695702	-178.027063		
0.51305	-9.895088	-143.275497		-0.475916
-0.006909	-0.950508	-183.275497		
0.67536	-9.895088	-143.275497		-0.475916
-0.006909	-0.150383	-48.662468		
Program	SAP2000	Nonlinear	Version 7.42	
File:상행S11-S1503.OUT				

-0.007534 -0.412623 -145.412483 -0.480079
0.67536 -10.531347 -166.576455 -0.480079
0.007534 -0.150989 -87.920134 -0.480079
0.83768 -10.531347 -166.576455 -0.480079
0.007534 -0.150989 -87.920134 -0.480079
1.00000 -10.531347 -166.576455 -0.480079
-0.007534 -0.405745 -17.071050 -0.480079

COMB DL ----- MAX

REL DIST T M2 M3 V3
0.35073 14.460766 84.402391 0.693760
0.007301 1.034000 258.807602 0.693760
0.51305 14.460766 84.402391 0.693760
0.007301 0.621514 210.955382 0.693760
0.67536 14.460766 84.402391 0.693760
0.83768 0.217160 183.002682 0.693760
0.007301 0.239697 191.014477 0.693760
1.00000 14.460766 84.402391 0.693760
0.007301 0.681898 201.238384 0.693760

COMB DL ----- MIN

REL DIST T M2 M3 V3
0.35073 -9.942327 -157.621330 -0.736427
-0.006967 -1.090381 -242.156250 -0.736427
0.51305 -9.942327 -157.621330 -0.736427
-0.006967 -0.647646 -149.631319 -0.736427
0.67536 -9.942327 -157.621330 -0.736427
-0.006967 -0.231932 -89.622287 -0.736427
0.83768 -9.942327 -157.621330 -0.736427
-0.006967 -0.226241 -55.675572 -0.736427
1.00000 -9.942327 -157.621330 -0.736427
-0.006967 -0.643926 -25.516438 -0.736427

COMB CAR ----- MAX

REL DIST T M2 M3 V3
0.35073 15.683731 84.402391 0.693760
0.007907 1.034000 258.807602 0.693760
0.51305 15.683731 84.402391 0.693760
0.007907 0.621514 210.955382 0.693760
0.67536 15.683731 84.402391 0.693760
0.83768 0.217160 183.002682 0.693760
0.007907 0.239697 191.014477 0.693760
1.00000 15.683731 84.402391 0.693760
0.007907 0.681898 201.238384 0.693760

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File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST T M2 M3 V3
0.35073 -10.531347 -166.576455 -0.736427
-0.007534 -1.090381 -242.156250 -0.736427
0.51305 -10.531347 -166.576455 -0.736427
0.007534 -0.647646 -149.631319 -0.736427
0.67536 -10.531347 -166.576455 -0.736427
-0.007534 -0.231932 -89.622287 -0.736427
0.83768 -10.531347 -166.576455 -0.736427
-0.007534 -0.226241 -55.675572 -0.736427
1.00000 -10.531347 -166.576455 -0.736427
-0.007534 -0.643926 -25.516438 -0.736427

COMB DESIGN ----- MAX

REL DIST T M2 M3 V3
0.35073 15.683731 84.402391 0.693760
0.007907 1.034000 258.807602 0.693760
0.51305 15.683731 84.402391 0.693760
0.007907 0.621514 210.955382 0.693760
0.67536 15.683731 84.402391 0.693760
0.83768 0.217160 183.002682 0.693760
0.007907 0.239697 191.014477 0.693760
1.00000 15.683731 84.402391 0.693760
0.007907 0.681898 201.238384 0.693760

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3
0.35073 -10.531347 -166.576455 -0.736427
-0.007534 -1.090381 -242.156250 -0.736427
0.51305 -10.531347 -166.576455 -0.736427
0.007534 -0.647646 -149.631319 -0.736427
0.67536 -10.531347 -166.576455 -0.736427
-0.007534 -0.231932 -89.622287 -0.736427
0.83768 -10.531347 -166.576455 -0.736427
-0.007534 -0.226241 -55.675572 -0.736427
1.00000 -10.531347 -166.576455 -0.736427
-0.007534 -0.643926 -25.516438 -0.736427

ELEM 180 ===== LENGTH = 3.707513

COMB DB-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.579321 55.561838 0.208064
0.000722 0.185901 20.409113 0.208064
0.16234 0.579321 55.561838 0.208064
0.000722 0.060671 3.879084 0.208064
0.32468 0.579321 55.561838 0.208064
0.000722 0.069124 6.517280 0.208064
0.48702 0.579321 55.561838 0.208064
0.000722 0.203156 9.198758 0.208064
0.64936 0.579321 55.561838 0.208064
0.000722 0.337173 11.904751 0.208064

COMB DB-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -8.178632 -4.505782 -0.222665
-0.000378 -0.198898 -5.154237 -0.222665
0.16234 -8.178632 -4.505782 -0.222665
-0.000378 -0.064668 -38.492415 -0.222665
0.32468 -8.178632 -4.505782 -0.222665
-0.000378 -0.064557 -71.860098 -0.222665
0.48702 -8.178632 -4.505782 -0.222665
-0.000378 -0.789797 -105.239124 -0.222665
0.64936 -8.178632 -4.505782 -0.222665
-0.000378 -0.315026 -138.647723 -0.222665

COMB DB-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 1.470201 170.458692 0.297665
0.007985 0.278079 185.628799 0.297665
0.16234 1.470201 170.458692 0.297665
0.007985 0.101799 27.118116 0.297665
0.32468 1.470201 170.458692 0.297665
0.007985 0.111071 70.403004 0.297665

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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.48702 1.470201 170.458692 0.297665
0.007985 0.268985 171.811716 0.297665
0.64936 1.470201 170.458692 0.297665
0.007985 0.494317 66.531689 0.297665

COMB DB-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -7.773337 -6.094389 -0.339327
-0.006501 -0.691121 -81.536450 -0.339327
0.16234 -7.773337 -6.094389 -0.339327
-0.006501 -0.691121 -81.536450 -0.339327
0.32468 -7.773337 -6.094389 -0.339327
-0.006501 -0.691121 -81.536450 -0.339327
0.48702 -7.773337 -6.094389 -0.339327
-0.006501 -0.691121 -81.536450 -0.339327
0.64936 -7.773337 -6.094389 -0.339327
-0.006501 -0.691121 -81.536450 -0.339327

REL DIST T M2 M3 V3
0.00000 -15.774815 -17.560048 -0.345840
0.00000 -0.339727 -0.005621 -0.345840
0.16234 -15.774815 -17.560048 -0.345840
-0.007570 -0.131527 -39.646000 -0.345840
0.32468 -15.774815 -17.560048 -0.345840
-0.007570 -0.092415 -78.132740 -0.345840
0.48702 -15.774815 -17.560048 -0.345840
-0.007570 -0.27223 -157.92599 -0.345840
0.64936 -15.774815 -17.560048 -0.345840
-0.007570 -0.450775 -230.841688 -0.345840

COMB DB-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 7.931149 149.543016 0.431824
0.006875 0.395629 175.846922 0.431824
0.16234 7.931149 149.543016 0.431824
0.006875 1.46313 157.972599 0.431824
0.32468 7.931149 149.543016 0.431824
0.006875 0.150963 145.870173 0.431824
0.48702 7.931149 149.543016 0.431824
0.006875 0.410449 168.735728 0.431824
0.64936 7.931149 149.543016 0.431824
0.006875 0.696007 209.448246 0.431824

COMB DB-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -14.229224 -70.065381 -0.475569
-0.006744 -0.450114 -0.004718 -0.475569
0.16234 -14.229224 -70.065381 -0.475569
-0.006744 -0.163837 -31.780667 -0.475569
0.32468 -14.229224 -70.065381 -0.475569
-0.006744 -0.134163 -1.540782 -0.475569
0.48702 -14.229224 -70.065381 -0.475569
-0.006744 -0.394217 -123.770138 -0.475569
0.64936 -14.229224 -70.065381 -0.475569
-0.006744 -0.654090 -207.761314 -0.475569

COMB DB-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 7.957766 4.376041 0.237441
0.00000 0.211100 0.945000 0.237441
0.16234 7.957766 4.376041 0.237441
0.000472 0.088987 1.97361 0.237441
0.32468 7.957766 4.376041 0.237441
0.000472 0.073829 9.134189 0.237441
0.48702 7.957766 4.376041 0.237441
0.000472 0.216449 75.517751 0.237441
0.64936 7.957766 4.376041 0.237441
0.000472 0.358975 106.294549 0.237441

COMB DB-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.524676 -51.155291 -0.236802
-0.000790 -0.211131 -17.113300 -0.236802
0.16234 -0.524676 -51.155291 -0.236802
-0.000790 -0.068510 -4.876055 -0.236802
0.32468 -0.524676 -51.155291 -0.236802
-0.000790 -0.073918 -0.006066 -0.236802
0.48702 -0.524676 -51.155291 -0.236802
0.000790 -0.216841 -9.524327 -0.236802
0.64936 -0.524676 -51.155291 -0.236802
-0.000790 -0.359752 -12.102798 -0.236802

COMB DB-G2-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 10.842262 97.134189 0.337808
0.007110 0.312820 165.403169 0.337808
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.16234 10.842262 97.134189 0.337808
0.007110 0.121801 154.613491 0.337808
0.32468 10.842262 97.134189 0.337808
0.007110 0.118209 144.188835 0.337808
0.48702 10.842262 97.134189 0.337808
0.007110 0.309574 173.124640 0.337808
0.64936 10.842262 97.134189 0.337808
0.007110 0.530358 222.136484 0.337808

COMB DB-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -6.182153 -84.143674 -0.368064
-0.007466 -0.357078 -0.311991 -0.368064
0.16234 -6.182153 -84.143674 -0.368064
-0.007466 -0.130332 2.759455 -0.368064
0.32468 -6.182153 -84.143674 -0.368064
-0.007466 -0.105195 -5.256889 -0.368064
0.48702 -6.182153 -84.143674 -0.368064
-0.007466 -0.308626 -21.430123 -0.368064
0.64936 -6.182153 -84.143674 -0.368064
-0.007466 -0.511862 -73.245731 -0.368064

COMB DB-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 10.121247 143.054601 0.441226
0.007239 0.404452 178.036963 0.441226
0.16234 10.121247 143.054601 0.441226
0.007239 0.150156 148.641437 0.441226
0.32468 10.121247 143.054601 0.441226
0.007239 0.152441 137.930510 0.441226
0.48702 10.121247 143.054601 0.441226
0.007239 0.412641 164.578255 0.441226
0.64936 10.121247 143.054601 0.441226
0.007239 0.700655 209.670129 0.441226

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -12.071579 -78.000477 -0.479376
-0.007321 -0.454610 -0.297927 -0.479376
0.16234 -12.071579 -78.000477 -0.479376
-0.007321 -0.166079 -10.338805 -0.479376
0.32468 -12.071579 -78.000477 -0.479376
-0.007321 -0.137269 -78.000477 -0.479376
0.48702 -12.071579 -78.000477 -0.479376
-0.007321 -0.402856 -90.930726 -0.479376
0.64936 -12.071579 -78.000477 -0.479376
-0.007321 -0.668434 -170.834561 -0.479376

COMB DL-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.497429 58.090536 0.321219
0.000618 0.286280 2.59929 0.321219
0.16234 0.497429 58.090536 0.321219
0.000618 0.092533 5.494845 0.321219
0.32468 0.497429 58.090536 0.321219
0.000618 0.106025 9.665634 0.321219
0.48702 0.497429 58.090536 0.321219
0.000618 0.310072 12.674296 0.321219
0.64936 0.497429 58.090536 0.321219
0.000618 0.514401 16.287102 0.321219

COMB DL-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -7.773337 -6.094389 -0.339327
-0.000309 -0.302696 -5.957281 -0.339327
0.16234 -7.773337 -6.094389 -0.339327

-0.000309 -0.098480 -40.693885 -0.339327
0.32468 -7.773337 -6.094389 -0.339327
0.48702 -7.773337 -6.094389 -0.339327
-0.000309 -0.292810 -110.481613 -0.339327
0.64936 -7.773337 -6.094389 -0.339327
0.4800309 -0.486415 -145.404665 -0.339327

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 1.323829 160.919472 0.475715
0.007375 0.455172 201.263636 0.475715
0.16234 1.323829 160.919472 0.475715
0.007375 0.169409 146.691773 0.475715
0.32468 1.323829 160.919472 0.475715
0.007375 0.375056 141.901156 0.475715
0.48702 1.323829 160.919472 0.475715
0.007375 0.444696 89.051642 0.475715
0.64936 1.323829 160.919472 0.475715
0.007375 0.757182 97.627182 0.475715

COMB DL-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -14.512731 -19.208966 -0.520406
-0.007003 -0.498981 -0.004746 -0.520406
0.16234 -14.512731 -19.208966 -0.520406
-0.007003 -0.183372 -34.653527 -0.520406
0.32468 -14.512731 -19.208966 -0.520406
-0.007003 0.148143 -76.03081 -0.520406
0.48702 -14.512731 -19.208966 -0.520406
-0.007003 -0.419562 -136.858733 -0.520406
0.64936 -14.512731 -19.208966 -0.520406
-0.007003 -0.700378 -231.026913 -0.520406

COMB DL-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 7.357055 141.901156 0.692080
0.006263 0.642513 197.627332 0.692080
0.00000 7.357055 141.901156 0.692080
0.006263 0.225255 184.106372 0.692080
0.32468 7.357055 141.901156 0.692080
0.006263 0.232096 179.369730 0.692080
0.00000 7.357055 141.901156 0.692080
0.006263 0.650050 203.739039 0.692080
0.64936 7.357055 141.901156 0.692080
0.006263 1.094520 244.572857 0.692080

COMB DL-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -13.029445 -72.407941 -0.738671
-0.006115 -0.684419 -0.004135 -0.738671
0.16234 -13.029445 -72.407941 -0.738671
-0.006115 -0.240479 -30.8681 -0.738671
0.32468 -13.029445 -72.407941 -0.738671
-0.006115 -0.215459 -71.386348 -0.738671
0.48702 -13.029445 -72.407941 -0.738671
-0.006115 -0.020296 -125.089327 -0.738671
0.64936 -13.029445 -72.407941 -0.738671
-0.006115 -1.032385 -207.929779 -0.738671

COMB DL-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 7.602512 5.946016 0.361387
0.000384 0.321839 1.339602 0.361387
0.16234 7.602512 5.946016 0.361387
0.000384 0.103981 14.170119 0.361387
0.32468 7.602512 5.946016 0.361387
0.000384 0.116301 45.567244 0.361387
0.48702 7.602512 5.946016 0.361387
0.000384 0.329771 77.925215 0.361387
0.64936 7.602512 5.946016 0.361387
0.000384 0.563589 110.457416 0.361387

COMB DL-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -44.000712 -54.319534 -0.371685
-0.000676 -0.330810 -25.549147 -0.371685
0.16234 -44.000712 -54.319534 -0.371685
-0.000676 0.107079 -9.596445 -0.371685
0.32468 -44.000712 -54.319534 -0.371685
-0.000676 -0.113084 -11.973146 -0.371685
0.48702 -44.000712 -54.319534 -0.371685
-0.000676 0.330572 15.192770 -0.371685
0.64936 -44.000712 -54.319534 -0.371685
-0.000676 -0.548129 -18.586611 -0.371685

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 10.269706 87.844210 0.536402
0.006514 0.507007 173.843097 0.536402
0.16234 10.269706 87.844210 0.536402
0.006514 0.184231 172.519707 0.536402
0.32468 10.269706 87.844210 0.536402
0.006514 0.180027 171.482406 0.536402
0.48702 10.269706 87.844210 0.536402
0.006514 0.493891 168.882820 0.536402
0.64936 10.269706 87.844210 0.536402
0.006514 0.837538 252.438573 0.536402

COMB DL-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -5.436506 -86.914067 -0.571339
-0.006830 0.538140 -0.626745 -0.571339
0.16234 -5.436506 -86.914067 -0.571339
-0.006830 -0.194868 -4.236123 -0.571339
0.32468 -5.436506 -86.914067 -0.571339
-0.006830 0.168620 -88.00136 -0.571339
0.48702 -5.436506 -86.914067 -0.571339
-0.006830 0.477398 25.719598 -0.571339
0.64936 -5.436506 -86.914067 -0.571339
-0.006830 -0.795016 -76.193848 -0.57133

0.35074	-8.274218	-4.635130	-0.212673
0.000759	-0.321641	9.971933	
0.51305	-8.274218	-4.635130	-0.212673
-0.000759	-0.193692	-7.192437	
0.67537	-8.274218	-4.635130	-0.212673
-0.000759	-0.065707	4.451275	
0.83768	-8.274218	-4.635130	-0.212673
-0.000759	-0.056843	-2.093169	
1.00000	-8.274218	-4.635130	-0.212673
-0.000759	-0.173508	-5.129721	
COMB DB-G1-2 ----- MAX			
REL DIST	P	M2	V3
0.35074	6.761031	82.201091	0.319181
0.007538	0.453139	225.445482	
0.51305	6.761031	82.201091	0.319181
0.007538	0.261906	177.746510	
0.67537	6.761031	82.201091	0.319181
0.007538	0.102152	151.235708	
0.83768	6.761031	82.201091	0.319181
0.007538	0.112793	167.368236	
1.00000	6.761031	82.201091	0.319181
0.007538	0.280442	185.201467	
COMB DB-G1-2 ----- MIN			
REL DIST	P	M2	V3
0.35074	-10.544888	-106.726664	-0.301316
-0.007935	-0.456201	-80.712274	
0.51305	-10.544888	-106.726664	-0.301316
-0.007935	-0.27435	-23.279866	
0.67537	-10.544888	-106.726664	-0.301316
-0.007935	-0.093566	-4.174846	
0.83768	-10.544888	-106.726664	-0.301316
-0.007935	-0.124906	-4.827256	
-0.007935	-0.316435	-0.002549	
COMB DB-G1-3 ----- MAX			
REL DIST	P	M2	V3
0.35074	12.245066	76.409159	0.454821
0.006914	0.663470	210.551647	
0.51305	12.245066	76.409159	0.454821
0.006914	0.390509	166.165644	
0.67537	12.245066	76.409159	0.454821
0.006914	0.143666	139.413021	
0.83768	12.245066	76.409159	0.454821
0.006914	0.152091	148.288655	
1.00000	12.245066	76.409159	0.454821
0.006914	0.412394	175.589233	
COMB DB-G1-3 ----- MIN			
REL DIST	P	M2	V3
0.35074	-9.908584	-143.391925	-0.451418
-0.007041	-0.893500	-177.746510	
0.51305	-9.908584	-143.391925	-0.451418
-0.007041	-0.411904	-97.501272	
0.67537	-9.908584	-143.391925	-0.451418
-0.007041	-0.140214	-48.702256	
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REL DIST	P	M2	V3
0.83768	-9.908584	-143.391925	-0.451418
-0.007041	-0.158483	-12.228566	
1.00000	-9.908584	-143.391925	-0.451418
-0.007041	-0.432226	-0.002031	
COMB DB-G2-1 ----- MAX			
REL DIST	P	M2	V3
0.35074	7.896165	4.395013	0.242510
0.000678	0.367729	9.756188	
0.51305	7.896165	4.395013	0.242510
0.000678	0.221125	6.500933	
0.67537	7.896165	4.395013	0.242510
0.000678	0.017908	3.596555	
0.83768	7.896165	4.395013	0.242510
0.000678	0.073849	1.736536	
1.00000	7.896165	4.395013	0.242510
0.000678	0.226657	0.941124	
COMB DB-G2-1 ----- MIN			
REL DIST	P	M2	V3
0.35074	-0.537479	-50.736298	-0.253906
0.000339	-0.384373	-138.867914	
0.51305	-0.537479	-50.736298	-0.253906
-0.000339	-0.231618	-108.365904	
0.67537	-0.537479	-50.736298	-0.253906
-0.000339	-0.078923	-17.900632	
0.83768	-0.537479	-50.736298	-0.253906
-0.000339	-0.070597	-47.451381	
1.00000	-0.537479	-50.736298	-0.253906
-0.000339	-0.216575	-17.055137	
COMB DB-G2-2 ----- MAX			
REL DIST	P	M2	V3
0.35074	15.700659	13.781024	0.381239
0.007536	0.549401	51.405549	
0.51305	15.700659	13.781024	0.381239
0.007536	0.321936	47.780444	
0.67537	15.700659	13.781024	0.381239
0.007536	0.121594	57.788498	
0.83768	15.700659	13.781024	0.381239
0.007536	0.127298	61.148328	
1.00000	15.700659	13.781024	0.381239
0.007536	0.331325	165.031226	
COMB DB-G2-2 ----- MIN			
REL DIST	P	M2	V3
0.35074	-1.192768	-166.634096	-0.359605
-0.007127	-0.544838	-239.379424	
0.51305	-1.192768	-166.634096	-0.359605
-0.007127	-0.32768	-145.449575	
0.67537	-1.192768	-166.634096	-0.359605
-0.007127	-0.112069	-87.357552	
0.83768	-1.192768	-166.634096	-0.359605
-0.007127	-0.140051	-43.963471	
1.00000	-1.192768	-166.634096	-0.359605
-0.007127	-0.369397	-0.341491	
COMB DB-G2-3 ----- MAX			
REL DIST	P	M2	V3
0.35074	14.647729	66.166188	0.471904
0.007144	0.688242	200.150101	
0.51305	14.647729	66.166188	0.471904
0.007144	0.405003	161.838585	
0.67537	14.647729	66.166188	0.471904
0.007144	0.149215	141.942324	
0.83768	14.647729	66.166188	0.471904
0.007144	0.155986	158.981336	
1.00000	14.647729	66.166188	0.471904
0.007144	0.422039	177.731494	
COMB DB-G2-3 ----- MIN			
REL DIST	P	M2	V3
0.35074	-7.513945	-154.977982	-0.461780
-0.007059	-0.699235	-241.908750	
0.51305	-7.513945	-154.977982	-0.461780
-0.007059	-0.231618	-108.365904	
0.67537	-7.513945	-154.977982	-0.461780
-0.007059	-0.078923	-17.900632	
0.83768	-7.513945	-154.977982	-0.461780
-0.007059	-0.070597	-47.451381	
1.00000	-7.513945	-154.977982	-0.461780
-0.007059	-0.216575	-17.055137	

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F R A M E E L E M E N T I N T E R N A L F O R C E S				
REL DIST	P	M2	V2	V3
0.51305	-7.513945	-154.977982		-0.461780
-0.007059	-0.421439	-132.302322		
0.67537	-7.513945	-154.977982		-0.461780
-0.007059	-0.143546	-78.788304		
0.83768	-7.513945	-154.977982		-0.461780
-0.007059	-0.164745	-38.841497		
1.00000	-7.513945	-154.977982		-0.461780
-0.007059	-0.448649	-0.324964		
COMB DL-G1-1 ----- MAX				
REL DIST	P	M2	V2	V3
0.35074	0.484167	58.575029		0.301865
0.000342	0.457655	135.777154		
0.51305	0.484167	58.575029		0.301865
0.000342	0.275679	100.591088		
0.67537	0.484167	58.575029		0.301865
0.000342	0.092987	65.471039		
0.83768	0.484167	58.575029		0.301865
0.000342	0.081856	30.639170		
1.00000	0.484167	58.575029		0.301865
0.000342	0.249977	2.145880		
COMB DL-G1-1 ----- MIN				
REL DIST	P	M2	V2	V3
0.35074	-7.882570	-6.371218		-0.279661
-0.000664	-0.422978	-13.924520		
0.51305	-7.882570	-6.371218		-0.279661
-0.000664	-0.254712	-10.144676		
0.67537	-7.882570	-6.371218		-0.279661
-0.000664	-0.066066	-6.422319		
0.83768	-7.882570	-6.371218		-0.279661
-0.000664	-0.086769	-3.092516		
1.00000	-7.882570	-6.371218		-0.279661
-0.000664	-0.269051	-5.921415		
COMB DL-G1-2 ----- MAX				
REL DIST	P	M2	V2	V3
0.35074	5.917355	84.378220		0.495182
0.006993	0.720249	258.899493		
0.51305	5.917355	84.378220		0.495182
0.006993	0.422206	211.045127		
0.67537	5.917355	84.378220		0.495182
0.006993	0.154150	183.140318		
0.83768	5.917355	84.378220		0.495182
0.006993	0.153909	191.176690		
1.00000	5.917355	84.378220		0.495182
0.006993	0.404820	201.389708		
COMB DL-G1-2 ----- MIN				
REL DIST	P	M2	V2	V3
0.35074	-9.994693	-96.776239		-0.418295
-0.007343	-0.616169	-80.570255		
0.51305	-9.994693	-96.776239		-0.418295
-0.007343	-0.369340	-29.727782		
0.67537	-9.994693	-96.776239		-0.418295
-0.007343	-0.131303	-4.704881		
0.83768	-9.994693	-96.776239		-0.418295
-0.007343	-0.173861	-0.935050		
1.00000	-9.994693	-96.776239		-0.418295
-0.007343	-0.472320	-0.002465		
COMB DL-G1-3 ----- MAX				
REL DIST	P	M2	V2	V3
0.35074	11.069744	79.620821		0.730035
0.006258	1.081913	244.855454		
0.51305	11.069744	79.620821		0.730035
0.006258	0.642223	199.620626		
0.67537	11.069744	79.620821		0.730035
0.006258	0.228178	170.975634		
0.83768	11.069744	79.620821		0.730035
0.006258	0.208060	172.885091		
1.00000	11.069744	79.620821		0.730035
0.006258	0.590322	197.866298		
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REL DIST	P	M2	V2	V3
0.35074	-9.353931	-135.012296		-0.630406
-0.006381	-0.943892	-173.773898		
0.51305	-9.353931	-135.012296		-0.630406
-0.006381	-0.566273	-90.777159		
0.67537	-9.353931	-135.012296		-0.630406
-0.006381	-0.191397	-45.086255		
0.83768	-9.353931	-135.012296		-0.630406
-0.006381	-0.236964	-9.810055		
1.00000	-9.353931	-135.012296		-0.630406
-0.006381	-0.675659	-0.001829		
COMB DL-G2-1 ----- MAX				
REL DIST	P	M2	V2	V3
0.35074	7.606599	6.174501		0.389285
0.000578	0.589821	11.574866		
0.51305	7.606599	6.174501		0.389285
0.000578	0.355591	6.049757		
0.67537	7.606599	6.174501		0.389285
0.000578	0.121954	4.831129		
0.83768	7.606599	6.174501		0.389285
0.000578	0.102280	2.144453		
1.00000	7.606599	6.174501		0.389285
0.000578	0.316877	1.337207		
COMB DL-G2-1 ----- MIN				
REL DIST	P	M2	V2	V3
0.35074	-0.445296	-53.911771		-0.356397
-0.000275	-0.539558	-150.996863		
0.51305	-0.445296	-53.911771		-0.356397
-0.000275	-0.325151	-11.879830		
0.67537	-0.445296	-53.911771		-0.356397
-0.000275	-0.110616	-88.973730		
0.83768	-0.445296	-53.911771		-0.356397
-0.000275	-0.112688	-55.966345		
1.00000	-0.445296	-53.911771		-0.356397
-0.000275	-0.346319	-25.530795		
COMB DL-G2-2 ----- MAX				
REL DIST	P	M2	V2	V3
0.35074	14.509531	16.654428		0.606306
0.006884	0.890824	81.544337		
0.51305	14.509531	16.654428		0.606306
0.006884	0.190214	14.965428		
0.67537	14.509531	16.654428		0.606306
0.006884	0.190214	14.965428		
0.83768	14.509531	16.654428		0.606306
0.006884	0.190214	14.965428		
1.00000	14.509531	16.654428		0.606306
0.006884	0.489295	173.958925		
COMB DL-G2-2 ----- MIN				
REL DIST	P	M2	V2	V3
0.35074	-1.138424	-157.548785		-0.518197
-0.006515	-0.769098	-241.908750		
0.51305	-1.138424	-157.548785		-0.518197

0.007496 0.547205 222.257758

COMB DB-G2-2 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.188958 -84.220792 -0.361176
-0.007116 -0.331057 -0.324284
0.16231 -6.188860 -84.220795 -0.361176
-0.007116 -0.127360 -2.815216
0.32463 -6.188958 -84.220792 -0.361176
-0.007116 -0.122137 -5.360365
0.48694 -6.188860 -84.220795 -0.361176
-0.007116 -0.321421 -21.540125
0.64926 -6.188958 -84.220792 -0.361176
-0.007116 -0.550188 -73.347616

COMB DB-G2-3 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.141562 143.917193 0.471860
0.007365 0.447915 178.098205
0.16231 10.141562 143.917193 0.471860
0.007365 0.164027 148.984432
0.32463 10.141562 143.917193 0.471860
0.007365 0.140111 143.917193 0.471860
0.48694 10.141562 143.917193 0.471860
0.007365 0.423107 164.773712
0.64926 10.141562 143.917193 0.471860
0.007365 0.701837 210.079178

COMB DB-G2-3 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.066706 -78.126104 -0.463446
-0.007241 -0.421810 -44.375529
0.16231 -12.066706 -78.126104 -0.463446
-0.007241 -0.155583 -10.388117
0.32463 -12.066706 -78.126104 -0.463446
-0.007241 -0.077411 -44.375529
0.48694 -12.066706 -78.126104 -0.463446
-0.007241 -0.405570 -91.061769
0.64926 -12.066706 -78.126104 -0.463446
-0.007241 -0.688706 -170.372118

COMB DB-G1-1 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.493358 58.060182 0.297225
0.000313 0.264405 2.167832
0.16231 0.493358 58.060182 0.297225
0.000313 0.084700 5.694556
0.32463 0.493358 58.060182 0.297225
0.000313 0.085465 9.427313
0.48694 0.493358 58.060182 0.297225
0.000313 0.249520 13.206289
0.64926 0.493358 58.060182 0.297225
0.000313 0.413662 16.993424

COMB DL-G1-1 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.825305 -6.353225 -0.272875
-0.000613 -0.243085 -5.966325
0.16231 -7.825305 -6.353225 -0.272875
-0.000613 -0.000877 -5.966325
0.32463 -7.825305 -6.353225 -0.272875
-0.000613 -0.091816 -7.5515254
0.48694 -7.825305 -6.353225 -0.272875
-0.000613 -0.000877 -5.966325
0.64926 -7.825305 -6.353225 -0.272875
-0.000613 -0.450704 -145.267018
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.315145 160.897537 0.491555
0.007009 0.468848 201.414558
0.16231 1.315145 160.897537 0.491555
0.007009 0.172493 147.74823
0.32463 1.315145 160.897537 0.491555
0.007009 0.130120 100.962677
0.48694 1.315145 160.897537 0.491555
0.007009 0.365191 89.795171
0.64926 1.315145 160.897537 0.491555
0.007009 0.608865 98.552177

COMB DL-G1-2 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.569313 -19.515072 -0.412509
-0.007372 -0.399261 -0.504272
0.16231 -14.569313 -19.515072 -0.412509
-0.007372 -0.016866 -34.626124
0.32463 -14.569313 -19.515072 -0.412509
-0.007372 -0.153176 -77.961487
0.48694 -14.569313 -19.515072 -0.412509
0.007372 -0.182679 -94.568991
0.64926 -14.569313 -19.515072 -0.412509
-0.007372 -0.714659 -230.809721

COMB DL-G1-3 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.380766 142.057068 0.730787
0.006118 0.675122 197.854375
0.16231 7.380766 142.057068 0.730787
0.006118 0.236548 184.526548
0.32463 7.380766 142.057068 0.730787
0.006118 0.198045 179.861887
0.48694 7.380766 142.057068 0.730787
0.006118 0.589142 204.313849
0.64926 7.380766 142.057068 0.730787
0.006118 0.947095 245.295779

COMB DL-G1-3 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.074539 -72.663800 -0.634193
-0.006261 -0.590300 -0.003335
0.16231 -13.074539 -72.663800 -0.634193
-0.006261 -0.209270 -30.885490
0.32463 -13.074539 -72.663800 -0.634193
-0.006261 -0.228784 -72.663800 -0.634193
0.48694 -13.074539 -72.663800 -0.634193
-0.006261 -0.642708 -125.172445
0.64926 -13.074539 -72.663800 -0.634193
-0.006261 -1.063159 -208.076934

COMB DL-G2-1 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.654602 6.198487 0.395865
0.000706 0.352055 1.007233 0.395865
0.16231 7.654602 6.198487 0.395865
0.000706 0.114987 1.018229 0.395865
0.32463 7.654602 6.198487 0.395865
0.000706 0.112506 1.007233 0.395865
0.48694 7.654602 6.198487 0.395865
0.000706 0.331843 77.848910 0.395865
0.64926 7.654602 6.198487 0.395865
0.000706 0.551191 110.338713

COMB DL-G2-1 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.435928 -54.276046 -0.364330
-0.000387 -0.324790 -25.558953
0.16231 -0.435928 -54.276046 -0.364330

-0.000387 -0.105597 -9.857931
0.32463 -0.435928 -54.276046 -0.364330
0.000387 -0.120067 -13.082173
0.48694 -0.435928 -54.276046 -0.364330
-0.000387 -0.361824 -15.738131
0.64926 -0.435928 -54.276046 -0.364330
0.480387 -0.599997 13.082173
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.324419 88.140301 0.614425
0.006876 0.575732 173.959371
0.16231 10.324419 88.140301 0.614425
0.006876 0.206616 172.716457
0.32463 10.324419 88.140301 0.614425
0.006876 0.164893 171.804332
0.48694 10.324419 88.140301 0.614425
0.006876 0.470643 202.832226
0.64926 10.324419 88.140301 0.614425
0.006876 0.784508 252.413938

COMB DL-G2-2 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.429017 -86.864503 -0.528315
-0.006876 -0.493054 -0.628679
0.16231 -5.429017 -86.864503 -0.528315
-0.006876 -0.181021 -4.434458
0.32463 -5.429017 -86.864503 -0.528315
-0.006876 -0.193692 -5.268122
0.48694 -5.429017 -86.864503 -0.528315
-0.006876 -0.533551 -26.236721
0.64926 -5.429017 -86.864503 -0.528315
-0.006876 -0.903292 -76.874963

COMB DL-G2-3 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.615616 133.082172 0.757982
0.006555 0.700823 195.356187
0.16231 9.615616 133.082172 0.757982
0.006555 0.244687 171.589886
0.32463 9.615616 133.082172 0.757982
0.006555 0.204982 169.504139
0.48694 9.615616 133.082172 0.757982
0.006555 0.589817 198.632814
0.64926 9.615616 133.082172 0.757982
0.006555 0.981713 244.875984

COMB DL-G2-3 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.843236 -81.670045 -0.657475
-0.006433 -0.611703 -0.556610
0.16231 -10.843236 -81.670045 -0.657475
-0.006433 -0.216238 -9.374241
0.32463 -10.843236 -81.670045 -0.657475
-0.006433 -0.327243 -42.522412
0.48694 -10.843236 -81.670045 -0.657475
-0.006433 -0.667453 -98.696914
0.64926 -10.843236 -81.670045 -0.657475
-0.006433 -1.123506 -167.464793

COMB DB ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.861893 170.551792 0.471860
0.007577 0.447915 185.660204
0.16231 10.861893 170.551792 0.471860
0.007577 0.164027 158.204581
0.32463 10.861893 170.551792 0.471860
0.007577 0.144211 146.187381
0.48694 10.861893 170.551792 0.471860
0.007577 0.423107 173.225360
0.64926 10.861893 170.551792 0.471860
0.007577 0.701897 222.257758

COMB DB ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.791992 -84.220792 -0.463446
-0.007981 -0.421810 -17.096059
0.16231 -15.791992 -84.220792 -0.463446
-0.007981 -0.155583 -38.532446
0.32463 -15.791992 -84.220792 -0.463446
-0.007981 -0.149903 -78.191876
0.48694 -15.791992 -84.220792 -0.463446
-0.007981 -0.405570 -135.467122
0.64926 -15.791992 -84.220792 -0.463446
-0.007981 -0.688706 -230.855812
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.324419 160.897537 0.757982
0.007009 0.700823 201.414558
0.16231 10.324419 160.897537 0.757982
0.007009 0.244687 184.526548
0.32463 10.324419 160.897537 0.757982
0.007009 0.204982 179.861887
0.48694 10.324419 160.897537 0.757982
0.007009 0.589817 204.313849
0.64926 10.324419 160.897537 0.757982
0.007009 0.981713 252.413938

COMB DL ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.569313 -86.864503 -0.657475
-0.007372 -0.611703 -25.558953
0.16231 -14.569313 -86.864503 -0.657475
-0.007372 -0.216238 -40.667551
0.32463 -14.569313 -86.864503 -0.657475
-0.007372 -0.327243 -78.961487
0.48694 -14.569313 -86.864503 -0.657475
-0.007372 -0.667453 -136.695291
0.64926 -14.569313 -86.864503 -0.657475
-0.007372 -1.123506 -230.809721

COMB CAR ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.861893 170.551792 0.757982
0.007577 0.700823 201.414558
0.16231 10.861893 170.551792 0.757982
0.007577 0.244687 184.526548
0.32463 10.861893 170.551792 0.757982
0.007577 0.204982 179.861887
0.48694 10.861893 170.551792 0.757982
0.007577 0.589817 204.313849
0.64926 10.861893 170.551792 0.757982
0.007577 0.981713 252.413938

COMB CAR ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.791992 -86.864503 -0.657475
-0.007981 -0.611703 -25.558953
0.16231 -15.791992 -86.864503 -0.657475

-0.007981 -0.216238 -40.667551
0.32463 -15.791992 -86.864503
0.007981 -0.237243 -78.961487
0.48694 -15.791992 -86.864503 -0.657475
-0.007981 -0.667453 -136.695291
0.64926 -15.791992 -86.864503 -0.657475
-0.007981 -1.123506 -230.855812

COMB DESIGN ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.861893 170.551792 0.757982
0.007577 0.700823 201.414558
0.16231 10.861893 170.551792 0.757982
0.007577 0.244687 184.526548
0.32463 10.861893 170.551792 0.757982
0.007577 0.204982 179.861887
0.48694 10.861893 170.551792 0.757982
0.007577 0.589817 204.313849
0.64926 10.861893 170.551792 0.757982
0.007577 0.981713 252.413938

COMB DESIGN ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.791992 -86.864503 -0.657475
-0.007981 -0.611703 -25.558953
0.16231 -15.791992 -86.864503 -0.657475
-0.007981 -0.216238 -40.667551
0.32463 -15.791992 -86.864503 -0.657475
-0.007981 -0.237243 -78.961487
0.48694 -15.791992 -86.864503 -0.657475
-0.007981 -0.667453 -136.695291
0.64926 -15.791992 -86.864503 -0.657475
-0.007981 -1.123506 -230.855812
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FRAME ELEMENT INTERNAL FORCES

ELEM 183 ===== LENGTH = 3.707446

COMB DB-G1-1 ----- MAX

REL DIST P V2 V3
T M2 M3
0.35065 0.816423 52.408721 0.193713
0.212105 0.294111 121.425600
0.000732 0.816423 52.408721 0.193713
0.000732 0.816423 52.408721 0.193713
0.67532 0.816423 52.408721 0.193713
0.212105 0.606951 56.395438
0.83766 0.816423 52.408721 0.193713
0.000732 0.606180 52.408721 0.193713
2.21E-05 0.816423 52.408721 0.193713
2.21E-05 0.183946 1.603245

COMB DB-G1-1 ----- MIN

REL DIST P V2 V3
T M2 M3
0.35065 0.816423 52.408721 0.193713
0.001062 -0.311111 -20.975379 -0.205636
0.51298 -0.817427 -9.245625 -0.205636
0.001062 -0.187347 -9.518157 -0.205636
0.001062 -0.187426 -9.518157 -0.205636
-0.001062 -0.063548 -9.904198 -0.205636
0.83766 -0.817427 -9.245625 -0.205636
0.001062 -0.055644 -4.709822 -0.205636
0.817426 -0.245625 -9.245625 -0.205636
-0.001062 -0.172244 -5.053718 -0.205636

COMB DB-G1-2 ----- MAX

REL DIST P V2 V3
T M2 M3
0.35065 0.703752 77.975919 0.392007
0.007135 0.566641 215.383087 0.392007
0.51298 0.703752 77.975919 0.392007
0.007135 0.309694 170.196738 0.392007
0.007135 0.703752 77.975919 0.392007
0.007135 0.26468 145.855855 0.392007
0.83766 0.703752 77.975919 0.392007
0.007135 0.103837 164.445453 0.392007
0.007135 0.703752 77.975919 0.392007
0.007135 0.21188 184.808675 0.392007

COMB DB-G1-2 ----- MIN

REL DIST P V2 V3
T M2 M3
0.35065 -10.429147 -111.831410 -0.303818
0.007271 -0.402025 -92.853320
0.51298 -10.429147 -111.831410 -0.303818
0.008271 -0.277316 -32.186736
0.67532 -10.429147 -111.831410 -0.303818
0.008271 -0.094356 -9.787458
0.83766 -10.429147 -111.831410 -0.303818
-0.008271 -0.143565 -3.348672
1.00000 -10.429147 -111.831410 -0.303818
-0.008271 -0.375916 -0.003072

COMB DB-G1-3 ----- MAX

REL DIST P V2 V3
T M2 M3
0.35065 12.437395 75.883245 0.519415
0.006762 0.764083 120.087

L F O R C E S

COMB DL-G1-3	MIN				
REL DIST	P	M2	M3	V3	
0.35065	-9.21992	136.030275		-0.689875	
-0.006542	-1.042212	-177.665867		-0.689875	
0.51298	-9.219821	-136.030257		-0.689875	
-0.006542	-0.627124	-98.184043		-0.689875	
0.67532	-9.219821	-136.030275		-0.689875	
-0.006542	-0.212173	-47.627336		-0.689875	
0.83766	-9.219821	-136.030275		-0.689875	
-0.006542	-0.282838	-11.308930		-0.689875	
1.00009	-9.219821	-136.030275		-0.689875	
-0.006542	-0.818425	0.002090		-0.689875	
COMB DL-G2-1	MAX				
REL DIST	P	M2	M3	V3	
0.35065	7.404094	11.806631		0.480792	
0.000929	7.404094	11.806631		0.480792	
0.51298	7.404094	11.806631		0.480792	
0.000929	7.404094	11.806631		0.480792	
0.67532	7.404094	11.806631		0.480792	
0.000929	7.404094	11.806631		0.480792	
0.83766	7.404094	11.806631		0.480792	
0.000929	7.404094	11.806631		0.480792	
1.00009	7.404094	11.806631		0.480792	
0.000929	7.404094	11.806631		0.480792	
COMB DL-G2-1	MIN				
REL DIST	P	M2	M3	V3	
0.35065	-0.631713	-47.699898		-0.417766	
-0.43E-06	-0.631713	-47.699898		-0.417766	
0.51298	-0.631713	-47.699898		-0.417766	
-0.43E-06	-0.380605	-108.024722		-0.417766	
0.67532	-0.631713	-47.699898		-0.417766	
-0.43E-06	-0.631713	-47.699898		-0.417766	
0.83766	-0.631713	-47.699898		-0.417766	
-0.43E-06	-0.139063	-51.395430		-0.417766	
1.00009	-0.631713	-47.699898		-0.417766	
-0.43E-06	-0.428355	-25.738683		-0.417766	
COMB DL-G2-2	MAX				
REL DIST	P	M2	M3	V3	
0.35065	14.270058	23.225475		0.774494	
0.007301	14.270058	23.225475		0.774494	
0.51298	14.270058	23.225475		0.774494	
0.007301	14.270058	23.225475		0.774494	
0.67532	14.270058	23.225475		0.774494	
0.007301	14.270058	23.225475		0.774494	
0.83766	14.270058	23.225475		0.774494	
0.007301	14.270058	23.225475		0.774494	
1.00009	14.270058	23.225475		0.774494	
0.007301	14.270058	23.225475		0.774494	
COMB DL-G2-2	MIN				
REL DIST	P	M2	M3	V3	
0.35065	-1.342140	-149.955542		-0.608469	
-0.006107	-0.919315	-224.529425		-0.608469	
0.51298	-1.342140	-149.955542		-0.608469	
-0.006107	-0.508090	-22.372072		-0.608469	
0.67532	-1.342140	-149.955542		-0.608469	
-0.006107	-0.187444	-80.960726		-0.608469	
0.83766	-1.342140	-149.955542		-0.608469	
-0.006107	-0.002007	-39.012033		-0.608469	
1.00009	-1.342140	-149.955542		-0.608469	
-0.006107	-0.717426	-0.631535		-0.608469	
COMB DL-G2-3	MAX				
REL DIST	P	M2	M3	V3	
0.35065	13.301446	71.320164		0.946555	
0.006610	1.414120	242.805394		0.946555	
0.51298	13.301446	71.320164		0.946555	
-0.006610	0.845231	202.372605		0.946555	
0.67532	13.301446	71.320164		0.946555	
0.006610	0.297774	178.561170		0.946555	
0.83766	13.301446	71.320164		0.946555	
-0.006610	0.236444	184.965744		0.946555	
1.00009	13.301446	71.320164		0.946555	
0.006610	0.688291	195.043003		0.946555	
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L F R A M E E L E M E N T I N T E R N A					
COMB DL-G2-3	MIN				
REL DIST	P	M2	M3	V3	
0.35065	-7.047984	-142.314560		-0.734657	
-0.006107	-1.110130	-212.794172		-0.734657	
0.51298	-7.047984	-142.314560		-0.734657	
-0.006107	-0.667070	-129.436395		-0.734657	
0.67532	-7.047984	-142.314560		-0.734657	
-0.006107	-0.226151	-75.649695		-0.734657	
0.83766	-7.047984	-142.314560		-0.734657	
-0.006107	-0.292466	-35.950426		-0.734657	
1.00009	-7.047984	-142.314560		-0.734657	
-0.006107	-0.868265	-0.557702		-0.734657	
COMB DB	MAX				
REL DIST	P	M2	M3	V3	
0.35065	15.605549	77.975919		0.946555	
0.007906	0.818848	215.383087		0.946555	
0.51298	15.605549	77.975919		0.946555	
0.007906	0.484155	170.196738		0.946555	
0.67532	15.605549	77.975919		0.946555	
0.007906	0.176602	145.855855		0.946555	
0.83766	15.605549	77.975919		0.946555	
0.007906	0.152271	164.445453		0.946555	
1.00009	15.605549	77.975919		0.946555	
0.007906	0.426571	184.808675		0.946555	
COMB DB	MIN				
REL DIST	P	M2	M3	V3	
0.35065	-10.429147	-161.455375		-0.748052	
-0.008271	-0.724264	-227.624802		-0.748052	
0.51298	-10.429147	-161.455375		-0.748052	
-0.008271	-0.436543	-136.662989		-0.748052	
0.67532	-10.429147	-161.455375		-0.748052	
-0.008271	-0.148701	-61.468392		-0.748052	
0.83766	-10.429147	-161.455375		-0.748052	
-0.008271	-0.187972	-44.969558		-0.748052	
1.00009	-10.429147	-161.455375		-0.748052	
-0.008271	-0.522753	-17.156908		-0.748052	
COMB DL	MAX				
REL DIST	P	M2	M3	V3	
0.35065	14.270058	23.225475		0.946555	
0.007301	1.414120	242.805394		0.946555	
0.51298	14.270058	23.225475		0.946555	
0.007301	0.845231	202.372605		0.946555	
0.67532	14.270058	23.225475		0.946555	
0.007301	0.297774	178.561170		0.946555	
0.83766	14.270058	23.225475		0.946555	
0.007301	0.236444	184.965744		0.946555	
1.00009	14.270058	23.225475		0.946555	
0.007301	0.688291	195.043003		0.946555	
COMB DL	MIN				
REL DIST	P	M2	M3	V3	
0.35065	-9.718938	-149.955542		-0.734657	
-0.007719	-1.110130	-224.529425		-0.734657	
0.51298	-9.718938	-149.955542		-0.734657	

0.007719	-0.667870	-136.561472			
0.67532	-9.718938	-149.955542		-0.734657	
-0.007719	-0.226151	-60.960726			
0.83766	-9.718938	-149.955542		-0.734657	
0.007719	-0.299246	-51.395430			
1.00000	-9.718938	-149.955542		-0.734657	
-0.007719	-0.868265	-25.738683			
COMB	CAR			MAX	
REL DIST	P	M2	M3	V3	
0.35065	15.605549	77.975919		0.946555	
0.007906	1.414120	244.162336		0.946555	
0.51298	15.605549	77.975919		0.946555	
0.007906	0.845231	202.372605		0.946555	
0.67532	15.605549	77.975919		0.946555	
0.007906	0.297774	178.561170		0.946555	
0.83766	15.605549	77.975919		0.946555	
0.007906	0.236444	187.222838		0.946555	
1.00000	15.605549	77.975919		0.946555	
0.007906	0.688291	201.522638		0.946555	
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F R A M E E L E M E N T I N T E R N A L F O R C E S					
COMB	CAR			MIN	
REL DIST	P	M2	M3	V3	
0.35065	-10.429147	-161.455375		-0.734657	
-0.008271	-1.10130	-227.624802			
0.51298	-10.429147	-161.455375		-0.734657	
-0.008271	-0.667870	-136.662989		-0.734657	
0.67532	-10.429147	-161.455375		-0.734657	
-0.008271	-0.226151	-61.468392		-0.734657	
0.83766	-10.429147	-161.455375		-0.734657	
-0.008271	-0.299246	-51.395430		-0.734657	
1.00000	-10.429147	-161.455375		-0.734657	
-0.008271	-0.868265	-25.738683			
COMB DESIGN				MAX	
REL DIST	P	M2	M3	V3	
0.35065	15.605549	77.975919		0.946555	
0.007906	1.414120	244.162336		0.946555	
0.51298	15.605549	77.975919		0.946555	
0.007906	0.845231	202.372605		0.946555	
0.67532	15.605549	77.975919		0.946555	
0.007906	0.297774	178.561170		0.946555	
0.83766	15.605549	77.975919		0.946555	
0.007906	0.236444	187.222838		0.946555	
1.00000	15.605549	77.975919		0.946555	
0.007906	0.688291	201.522638		0.946555	
COMB DESIGN				MIN	
REL DIST	P	M2	M3	V3	
0.35065	-10.429147	-161.455375		-0.734657	
-0.008271	-1.10130	-227.624802			
0.51298	-10.429147	-161.455375		-0.734657	
-0.008271	-0.667870	-136.662989		-0.734657	
0.67532	-10.429147	-161.455375		-0.734657	
-0.008271	-0.226151	-61.468392		-0.734657	
0.83766	-10.429147	-161.455375		-0.734657	
-0.008271	-0.299246	-51.395430		-0.734657	
1.00000	-10.429147	-161.455375		-0.734657	
-0.008271	-0.868265	-25.738683			
ELEM	184	=====	LENGTH		
	3.706450				
COMB DB-G1-1				MAX	
REL DIST	P	M2	M3	V3	
0.000000	0.826661	51.705243		0.185303	
1.22E-05	0.165536	1.618840			
0.16232	0.826661	51.705243		0.185303	
1.22E-05	0.054039	6.780278			
0.32463	0.826661	51.705243		0.185303	
1.22E-05	0.063918	12.176505			
0.48695	0.826661	51.705243		0.185303	
1.22E-05	0.187965	17.624357			
0.64926	0.826661	51.705243		0.185303	
1.22E-05	0.311977	23.094237			
COMB DB-G1-1				MIN	
REL DIST	P	M2	M3	V3	
0.000000	-8.091395	-9.097925		-0.206133	
-0.001040	-18.4072	-5.089545			
0.16232	-8.091395	-9.097925		-0.206133	
-0.001040	-0.060038	-36.065053		-0.206133	
0.32463	-8.091395	-9.097925		-0.206133	
-0.001040	-0.057447	-67.071458		-0.206133	
0.48695	-8.091395	-9.097925		-0.206133	
-0.001040	-0.168908	-98.111695		-0.206133	
0.64926	-8.091395	-9.097925		-0.206133	
-0.001040	-0.280389	-129.19376			
COMB DB-G1-2				MAX	
REL DIST	P	M2	M3	V3	
0.000000	1.753194	166.191091		0.367119	
0.007089	0.358160	185.257325		0.367119	
0.16232	1.753194	166.191091		0.367119	
0.007089	0.137344	128.635309		0.367119	
0.007089	1.261991	166.191091		0.367119	
0.007089	0.094914	76.923229		0.367119	
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F R A M E E L E M E N T I N T E R N A L F O R C E S					
REL DIST	P	M2	M3	V3	
0.48695	1.753194	166.191091		0.367119	
0.007089	0.279106	67.550664		0.367119	
0.16232	1.753194	166.191091		0.367119	
0.007089	0.463229	79.468360		0.367119	
COMB DB-G1-2				MIN	
REL DIST	P	M2	M3	V3	
0.000000	-15.67323	-22.697349		-0.305993	
-0.008359	-1.130095	-0.004068			
0.16232	-15.67323	-22.697349		-0.305993	
-0.008359	-0.103635	-32.795376		-0.305993	
0.32463	-15.67323	-22.697349		-0.305993	
-0.008359	-0.120807	-72.787329		-0.305993	
0.48695	-15.67323	-22.697349		-0.305993	
-0.008359	-0.308569	-127.613184		-0.305993	
0.64926	-15.67323	-22.697349		-0.305993	
-0.008359	-0.527781	-220.575057			
COMB DB-G1-3				MAX	
REL DIST	P	M2	M3	V3	
0.000000	8.140878	149.116475		0.512062	
0.006566	0.481719	75.340893		0.512062	
0.16232	8.140878	149.116475		0.512062	
0.006566	0.173653	159.230843		0.512062	
0.32463	8.140878	149.116475		0.512062	
0.006566	0.144371	148.183022		0.512062	
0.48695	8.140878	149.116475		0.512062	
0.006566	0.424191	172.328690		0.512062	
0.64926	8.140878	149.116475		0.512062	
0.006566	0.703866	214.151831		0.512062	
COMB DB-G1-3				MIN	

-0.008359 -0.152214 -36.065053
0.32463 -15.676323 -79.227512 -0.480794
-0.008359 -0.152214 -36.065053
0.48695 -15.676323 -79.227512 -0.480794
-0.008359 -0.469759 -127.631854 -0.480794
0.64926 -15.676323 -79.227512 -0.480794
-0.008359 -0.704313 -220.510567
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FRAME ELEMENT INTERNAL FORCES

COMB	DL	P	M2	M3	V2	V3
REL DIST	T	M2	M3	V2	V3	
0.00000	10.707535	154.389404	0.943800			
0.007256	0.864674	201.560317	0.943800			
0.16232	10.707535	154.389404	0.943800			
0.007256	0.297264	184.614243	0.943800			
0.32463	10.707535	154.389404	0.943800			
0.007256	0.227082	180.956294	0.943800			
0.48695	10.707535	154.389404	0.943800			
0.007256	0.670965	206.453060	0.943800			
0.64926	10.707535	154.389404	0.943800			
0.007256	1.115025	248.165609	0.943800			

COMB	DL	P	M2	M3	V2	V3
REL DIST	T	M2	M3	V2	V3	
0.00000	-14.307692	-79.408737	-0.738158			
0.007795	-0.670394	-25.762382	-0.738158			
0.16232	-14.307692	-79.408737	-0.738158			
0.007795	-0.235018	-36.896672	-0.738158			
0.32463	-14.307692	-79.408737	-0.738158			
0.007795	-0.114243	-18.956294	-0.738158			
0.48695	-14.307692	-79.408737	-0.738158			
0.007795	-0.843312	-125.052723	-0.738158			
0.64926	-14.307692	-79.408737	-0.738158			
0.007795	-1.410461	-215.198366	-0.738158			

COMB	CAR	P	M2	M3	V2	V3
REL DIST	T	M2	M3	V2	V3	
0.00000	10.767192	166.191091	0.943800			
0.007834	0.864674	201.560317	0.943800			
0.16232	10.767192	166.191091	0.943800			
0.007834	0.297264	184.614243	0.943800			
0.32463	10.767192	166.191091	0.943800			
0.007834	0.227082	180.956294	0.943800			
0.48695	10.767192	166.191091	0.943800			
0.007834	0.670965	206.453060	0.943800			
0.64926	10.767192	166.191091	0.943800			
0.007834	1.115025	248.165609	0.943800			

COMB	CAR	P	M2	M3	V2	V3
REL DIST	T	M2	M3	V2	V3	
0.00000	-15.676323	-79.408737	-0.738158			
-0.008359	-0.670394	-25.762382	-0.738158			
0.16232	-15.676323	-79.408737	-0.738158			
-0.008359	-0.235018	-36.896672	-0.738158			
0.32463	-15.676323	-79.408737	-0.738158			
-0.008359	-0.297748	-72.787829	-0.738158			
0.48695	-15.676323	-79.408737	-0.738158			
-0.008359	-0.843312	-125.052723	-0.738158			
0.64926	-15.676323	-79.408737	-0.738158			
-0.008359	-1.410461	-220.570507	-0.738158			

COMB	DESIGN	P	M2	M3	V2	V3
REL DIST	T	M2	M3	V2	V3	
0.00000	10.767192	166.191091	0.943800			
0.007834	0.864674	201.560317	0.943800			
0.16232	10.767192	166.191091	0.943800			
0.007834	0.297264	184.614243	0.943800			
0.32463	10.767192	166.191091	0.943800			
0.007834	0.227082	180.956294	0.943800			
0.48695	10.767192	166.191091	0.943800			
0.007834	0.670965	206.453060	0.943800			
0.007834	1.115025	248.165609	0.943800			

COMB	DESIGN	P	M2	M3	V2	V3
REL DIST	T	M2	M3	V2	V3	
0.00000	-15.676323	-79.408737	-0.738158			
-0.008359	-0.670394	-25.762382	-0.738158			
0.16232	-15.676323	-79.408737	-0.738158			
-0.008359	-0.235018	-36.896672	-0.738158			
0.32463	-15.676323	-79.408737	-0.738158			
-0.008359	-0.297748	-72.787829	-0.738158			
0.48695	-15.676323	-79.408737	-0.738158			
-0.008359	-0.843312	-127.631854	-0.738158			
0.64926	-15.676323	-79.408737	-0.738158			
-0.008359	-1.410461	-220.570507	-0.738158			

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FRAME ELEMENT INTERNAL FORCES

ELEM	185	LENGTH	
=	3.706563		
COMB	DB-G1-1	MAX	
REL DIST	P	V2	V3
	M2	M3	
0.35073	1.160140	42.024935	0.261438
2.44E-05	0.396422	97.074141	
0.51305	1.160140	42.024935	0.261438
2.44E-05	0.239131	71.804761	
0.67536	1.160140	42.024935	0.261438
2.44E-05	0.081869	46.566007	
0.83768	1.160140	42.024935	0.261438
2.44E-05	0.059341	21.413736	
1.00000	1.160140	42.024935	0.261438

COMB	DB-G1-1	P	M2	M3	V2	V3
REL DIST	T	M2	M3	V2	V3	
0.35073	-7.185821	-16.841798	-0.202578			
0.001288	-0.718582	-39.348786	-0.202578			
0.51305	-7.185821	-16.841798	-0.202578			
0.001288	-0.184393	-29.230077	-0.202578			
0.67536	-7.185821	-16.841798	-0.202578			
0.001288	-0.062480	-79.9149995	-0.202578			
0.83768	-7.185821	-16.841798	-0.202578			
0.001288	-0.075408	-9.488076	-0.202578			
1.00000	-7.185821	-16.841798	-0.202578			
0.001288	-0.232744	-4.435185	-0.202578			

COMB	DB-G1-2	P	M2	M3	V2	V3
REL DIST	T	M2	M3	V2	V3	
0.35073	7.417822	66.204866	0.515588			
0.007117	0.752624	187.681257	0.515588			
0.51305	7.417822	66.204866	0.515588			
0.007117	0.442756	148.755155	0.515588			
0.67536	7.417822	66.204866	0.515588			
0.007117	0.163306	31.737070	0.515588			
0.83768	7.417822	66.204866	0.515588			
0.007117	0.099753	157.340533	0.515588			
1.00000	7.417822	66.204866	0.515588			
0.007117	0.271716	184.740865	0.515588			

COMB	DB-G1-2	P	M2	M3	V2	V3
REL DIST	T	M2	M3	V2	V3	
0.35073	7.417822	66.204866	0.515588			
0.007117	0.752624	187.681257	0.515588			
0.51305	7.417822	66.204866	0.515588			
0.007117	0.442756	148.755155	0.515588			
0.67536	7.417822	66.204866	0.515588			
0.007117	0.163306	31.737070	0.515588			
0.83768	7.417822	66.204866	0.515588			
0.007117	0.099753	157.340533	0.515588			
1.00000	7.417822	66.204866	0.515588			
0.007117	0.271716	184.740865	0.515588			

0.35073 -9.300537 -120.307219 -0.304301
0.008501 -0.460577 -113.248337 -0.304301
0.51305 -9.300537 -120.307219 -0.304301
-0.008501 -0.277450 -24.255008 -0.304301
0.67536 -9.300537 -120.307219 -0.304301
0.008501 -0.094250 -19.431498 -0.304301
0.83768 -9.300537 -120.307219 -0.304301
-0.008501 -0.178979 -8.063205 -0.304301
1.00000 -9.300537 -120.307219 -0.304301
-0.008501 -0.488221 -0.000000 -0.304301

COMB DB-G1-3 MAX
REL DIST
0.35073 12.104881 70.924487 0.682802
0.006922 1.012657 199.311818 0.682802
0.51305 12.104881 70.924487 0.682802
0.006922 0.602130 156.178817 0.682802
0.67536 12.104881 70.924487 0.682802
0.006922 0.216890 133.914506 0.682802
0.83768 12.104881 70.924487 0.682802
0.006922 0.145024 145.980368 0.682802
1.00000 12.104881 70.924487 0.682802
0.006922 0.416607 174.714233 0.682802

COMB	DB-G1-3	P	M2	M3	V2	V3
REL DIST	T	M2	M3	V2	V3	
0.35073	-9.165946	-145.282880	-0.466602			
-0.007145	-0.706276	-183.029488	-0.466602			
0.51305	-9.165946	-145.282880	-0.466602			
-0.007145	-0.425509	-100.934350	-0.466602			
0.67536	-9.165946	-145.282880	-0.466602			
-0.007145	-0.144621	-50.509983	-0.466602			
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FRAME ELEMENT INTERNAL FORCES

FORCES					
REL DIST	M2	P	M3	V2	V3
0.83768	-9.165946	-145.282880		-0.466602	
-0.007145	-0.220665	-12.912105			
1.00000	-9.165946	-145.282880		-0.466602	
-0.007145	-0.630642	.000000			
COMB DB-G2-1-----MAX					
REL DIST	M2	P	M3	V2	V3
T					
0.35073	6.842448	17.621615		0.266715	
0.001270	0.406058	39.055593			
0.51305	6.842448	17.621615		0.266715	
0.001270	0.245620	28.504199			
0.67536	6.842448	17.621615		0.266715	
0.001270	0.085268	18.015867			
0.83768	6.842448	17.621615		0.266715	
0.001270	0.078735	7.679005			
1.00000	6.842448	17.621615		0.266715	
0.001270	0.241518	9.927872			

COMB	DB-G2-1	P	M2	M3	V2	V3
REL DIST	T	M2	M3	V2	V3	
0.35073	-1.132967	-35.651560	-0.270447			
-0.001270	-0.409330	-102.934350	-0.270447			
0.51305	-1.132967	-35.651560	-0.270447			
-1.28E-05	-0.246618	-80.999734	-0.270447			
0.67536	-1.132967	-35.651560	-0.270447			
-0.001270	-0.630642	-0.000000	-0.270447			
0.83768	-1.132967	-35.651560	-0.270447			
-1.28E-05	-0.075375	-38.256428	-0.270447			
1.00000	-1.132967	-35.651560	-0.270447			
-1.28E-05	-0.233609	-17.071249	-0.270447			

-0.67536	-13.29957	-35.65156	-0.270447
-1.29E-05	-0.0083827	-59.604807	
0.837636	-13.29957	-35.65156	-0.270447
1.00000E-05	-13.29957	-35.65156	-0.270447
1.00000	-13.29957	-35.65156	-0.270447
-1.29E-05	-0.235809	-17.071249	

COMB DB-G2-2 MAX

REL DIST	P	V2	V3
T	M2	M3	
0.35073	14.444915	29.567417	0.524564
0.008203	0.770388	89.043553	
0.51305	14.444915	52.567417	0.524564
0.008203	0.455099	72.833636	
0.67536	14.444915	29.567417	0.524564
0.008203	0.170388	89.043553	
0.837636	14.444915	29.567417	0.524564
0.008203	0.125073	118.719977	
1.00000	14.444915	29.567417	0.524564

0.00000 -7.134391 -16.857588 -0.202443
0.001313 -0.180868 -4.461776 -0.202443
0.16234 -7.134391 -16.857588 -0.202443
-0.001313 -0.058990 -29.334774 -0.202443
0.32468 -7.134391 -16.857588 -0.202443
0.001313 -0.077124 -54.318105 -0.202443
0.48702 -7.134391 -16.857588 -0.202443
-0.001313 -0.221122 -79.346639 -0.202443
0.64936 -7.134391 -16.857588 -0.202443
-0.001313 -0.365144 -104.418386 -0.202443

COMB DB-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 2.103629 154.989925 0.489372
0.007064 0.462303 185.249590 0.489372
0.16234 2.103629 154.989925 0.489372
0.007064 0.169910 133.586771 0.489372
0.32468 2.103629 154.989925 0.489372
0.007064 0.094764 87.007995 0.489372
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.48702 2.103629 154.989925 0.489372
0.007064 0.278935 83.313801 0.489372
0.64936 2.103629 154.989925 0.489372
0.007064 0.462835 100.344159 0.489372

COMB DB-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -14.600890 -31.181944 -0.305633
-0.008645 -0.272929 0.000000 -0.305633
0.16234 -14.600890 -31.181944 -0.305633
-0.008645 -0.000000 -25.135195 -0.305633
0.32468 -14.600890 -31.181944 -0.305633
-0.008645 -0.157970 -58.542744 -0.305633
0.48702 -14.600890 -31.181944 -0.305633
-0.008645 -0.422722 -107.065751 -0.305633
0.64936 -14.600890 -31.181944 -0.305633
-0.008645 -0.716002 -193.822085 -0.305633

COMB DB-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.751612 144.519315 0.676293
0.006641 0.824023 175.106503 0.676293
0.16234 7.751612 144.519315 0.676293
0.006641 0.217845 158.997775 0.676293
0.32468 7.751612 144.519315 0.676293
0.006641 0.145366 147.890683 0.676293
0.48702 7.751612 144.519315 0.676293
0.006641 0.427370 172.431113 0.676293
0.64936 7.751612 144.519315 0.676293
0.006641 0.709233 214.176486 0.676293

COMB DB-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -13.558747 -71.829903 -0.468242
0.007295 -0.418020 0.000000 -0.468242
0.16234 -13.558747 -71.829903 -0.468242
-0.007295 -0.144550 -26.339152 -0.468242
0.32468 -13.558747 -71.829903 -0.468242
0.007295 -0.135612 -63.101580 -0.468242
0.48702 -13.558747 -71.829903 -0.468242
-0.007295 -0.597447 -112.818427 -0.468242
0.64936 -13.558747 -71.829903 -0.468242
-0.007295 -1.042725 -194.189521 -0.468242

COMB DB-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 6.888060 17.610187 0.286578
0.001326 0.002539 0.927863 0.286578
0.16234 6.888060 17.610187 0.286578
0.001326 0.082880 5.299934 0.286578
0.32468 6.888060 17.610187 0.286578
0.001326 0.030126 1.337471 0.286578
0.48702 6.888060 17.610187 0.286578
0.001326 0.247305 48.055885 0.286578
0.64936 6.888060 17.610187 0.286578
0.001326 0.410270 69.633166 0.286578

COMB DB-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -1.133494 -35.867150 -0.270762
-2.03E-05 -0.241590 -17.097249 -0.270762
0.16234 -1.133494 -35.867150 -0.270762
-2.03E-05 -0.078552 -14.790980 -0.270762
0.32468 -1.133494 -35.867150 -0.270762
-2.03E-05 -0.089940 -54.785148 -0.270762
0.48702 -1.133494 -35.867150 -0.270762
-2.03E-05 -0.262103 -35.263030 -0.270762
0.64936 -1.133494 -35.867150 -0.270762
-2.03E-05 -0.434582 -45.839433 -0.270762

COMB DB-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.546997 113.033765 0.550850
0.008070 0.517791 164.187364 0.550850
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.16234 9.546997 113.033765 0.550850
0.008070 0.187198 142.239044 0.550850
0.32468 9.546997 113.033765 0.550850
0.008070 0.123526 120.746894 0.550850
0.48702 9.546997 113.033765 0.550850
0.008070 0.362643 139.271896 0.550850
0.64936 9.546997 113.033765 0.550850
0.008070 0.601652 177.171032 0.550850

COMB DB-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.901722 -65.654213 -0.397067
-0.006629 -0.354263 -0.658084 -0.397067
0.16234 -6.901722 -65.654213 -0.397067
-0.006629 -0.124764 -26.624392 -0.397067
0.32468 -6.901722 -65.654213 -0.397067
-0.006629 -0.174327 -24.632494 -0.397067
0.48702 -6.901722 -65.654213 -0.397067
-0.006629 -0.471742 -50.814745 -0.397067
0.64936 -6.901722 -65.654213 -0.397067
-0.006629 -0.806441 -112.656910 -0.397067

COMB DB-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 9.330991 148.314746 0.696329
0.007473 0.643723 176.951659 0.696329
0.16234 9.330991 148.314746 0.696329
0.007473 0.225536 144.567980 0.696329
0.32468 9.330991 148.314746 0.696329
0.007473 0.151375 126.665450 0.696329
0.48702 9.330991 148.314746 0.696329
0.007473 0.444692 150.619057 0.696329
0.64936 9.330991 148.314746 0.696329

0.007473 0.737885 190.686748

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -12.034959 -69.347871 -0.487100
-0.007183 -0.434770 -0.624096 -0.487100
0.16234 -12.034959 -69.347871 -0.487100
-0.007183 -0.150327 -14.046936 -0.487100
0.32468 -12.034959 -69.347871 -0.487100
-0.007183 -0.221648 -50.813693 -0.487100
0.48702 -12.034959 -69.347871 -0.487100
-0.007183 -0.613873 -101.122992 -0.487100
0.64936 -12.034959 -69.347871 -0.487100
-0.007183 -1.032746 -184.545460 -0.487100

COMB DL-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 1.269961 39.491321 0.413230
-1.12E-05 0.367423 2.242574 0.413230
0.16234 1.269961 39.491321 0.413230
-1.12E-05 0.117966 15.212154 0.413230
0.32468 1.269961 39.491321 0.413230
-1.12E-05 0.105011 28.750024 0.413230
0.48702 1.269961 39.491321 0.413230
-1.12E-05 0.309622 42.368455 0.413230
0.64936 1.269961 39.491321 0.413230
-1.12E-05 0.514259 36.014792 0.413230

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.100455 -22.721613 -0.339896
-0.01357 -0.367423 -2.242574 -0.339896
0.16234 -6.100455 -22.721613 -0.339896
-0.01357 -0.099412 -28.022579 -0.339896
0.32468 -6.100455 -22.721613 -0.339896
-0.01357 -0.130749 -51.624686 -0.339896
0.48702 -6.100455 -22.721613 -0.339896
-0.01357 -0.380058 -75.308625 -0.339896
0.64936 -6.100455 -22.721613 -0.339896
-0.01357 -0.626246 -99.003577 -0.339896
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 2.205498 139.988786 0.741770
0.006538 0.689338 201.559295 0.741770
0.16234 2.205498 139.988786 0.741770
0.006538 0.242491 158.688095 0.741770
0.32468 2.205498 139.988786 0.741770
0.006538 0.167046 123.380800 0.741770
0.48702 2.205498 139.988786 0.741770
0.006538 0.492957 123.680044 0.741770
0.64936 2.205498 139.988786 0.741770
0.006538 0.818768 143.456291 0.741770

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -12.632636 -37.475726 -0.541275
-0.008205 -0.469110 -0.000000 -0.541275
0.16234 -12.632636 -37.475726 -0.541275
-0.008205 -0.180785 -22.187918 -0.541275
0.32468 -12.632636 -37.475726 -0.541275
-0.008205 -0.234257 -52.909299 -0.541275
0.48702 -12.632636 -37.475726 -0.541275
-0.008205 -0.658507 -99.919597 -0.541275
0.64936 -12.632636 -37.475726 -0.541275
-0.008205 -1.102599 -181.731501 -0.541275

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 7.013392 134.845624 1.115290
0.006092 1.015891 197.344273 1.115290
0.16234 7.013392 134.845624 1.115290
0.006092 0.345275 183.936599 1.115290
0.32468 7.013392 134.845624 1.115290
0.006092 0.261228 180.962694 1.115290
0.48702 7.013392 134.845624 1.115290
0.006092 0.773857 207.506194 1.115290
0.64936 7.013392 134.845624 1.115290
0.006092 1.285565 249.996670 1.115290

COMB DL-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -11.857523 -75.143194 -0.849650
-0.006846 -0.762518 -0.000000 -0.849650
0.16234 -11.857523 -75.143194 -0.849650
-0.006846 -0.265294 -12.935172 -0.849650
0.32468 -11.857523 -75.143194 -0.849650
-0.006846 -0.351424 -60.380202 -0.849650
0.48702 -11.857523 -75.143194 -0.849650
-0.006846 -0.100435 -11.131811 -0.849650
0.64936 -11.857523 -75.143194 -0.849650
-0.006846 -1.673610 -189.188717 -0.849650

COMB DL-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 5.889496 23.859082 0.578015
0.001333 0.515107 1.329690 0.578015
0.16234 5.889496 23.859082 0.578015
0.001333 0.167533 5.144623 0.578015
0.32468 5.889496 23.859082 0.578015
0.001333 0.149602 24.139235 0.578015
0.48702 5.889496 23.859082 0.578015
0.001333 0.441672 44.263062 0.578015
0.64936 5.889496 23.859082 0.578015
0.001333 0.733638 64.592088 0.578015

COMB DL-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -1.226980 -24.239411 -0.484664
-1.75E-05 -0.432002 -26.026249 -0.484664
0.16234 -1.226980 -24.239411 -0.484664
-1.75E-05 -0.139925 -24.317084 -0.484664
0.32468 -1.226980 -24.239411 -0.484664
-1.75E-05 -0.180551 -31.153077 -0.484664
0.48702 -1.226980 -24.239411 -0.484664
-1.75E-05 -0.528634 -51.066881 -0.484664
0.64936 -1.226980 -24.239411 -0.484664
-1.75E-05 -0.876511 -65.217542 -0.484664
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COMB DL-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 8.272924 108.817761 0.955244
0.007525 0.877200 172.549624 0.955244
0.16234 8.272924 108.817761 0.955244
0.007525 0.304023 56.610926 0.955244
0.32468 8.272924 108.817761 0.955244
0.007525 0.225591 141.099742 0.955244
0.48702 8.272924 108.817761 0.955244
0.007525 0.666609 158.392477 0.955244
0.64936 8.272924 108.817761 0.955244

0.007525 1.107489 193.565289

COMB DL-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -6.362557 -62.592863 -0.731835
-0.006140 -0.657113 -0.975492 -0.731835
0.16234 -6.362557 -62.592863 -0.731835
-0.006140 -0.232595 -17.184965 -0.731835
0.32468 -6.362557 -62.592863 -0.731835
-0.006140 -0.299582 -33.567320 -0.731835
0.48702 -6.362557 -62.592863 -0.731835
-0.006140 0.852846 64.775406 -0.731835
0.64936 -6.362557 -62.592863 -0.731835
-0.006140 -1.426365 -128.094095 -0.731835

COMB DL-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 8.279104 139.751741 1.172183
0.006811 1.066784 194.438401 1.172183
0.16234 8.279104 139.751741 1.172183
0.006811 0.362852 167.771409 1.172183
0.32468 8.279104 139.751741 1.172183
0.006811 0.275933 158.498817 1.172183
0.48702 8.279104 139.751741 1.172183
0.006811 0.815082 181.138342 1.172183
0.64936 8.279104 139.751741 1.172183
0.006811 1.354047 220.331009 1.172183

COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -10.587667 -70.140372 -0.894784
-0.0106542 -0.802549 -0.895072 -0.894784
0.16234 -10.587667 -70.140372 -0.894784
-0.006542 -0.278417 -17.240983 -0.894784
0.32468 -10.587667 -70.140372 -0.894784
-0.006542 -0.366994 -52.836018 -0.894784
0.48702 -10.587667 -70.140372 -0.894784
-0.006542 -1.054471 -105.854283 -0.894784
0.64936 -10.587667 -70.140372 -0.894784
-0.006542 -1.756840 -187.481781 -0.894784

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.00000 9.546997 154.989925 0.696329
0.008070 0.643723 185.249590 0.696329
0.16234 9.546997 154.989925 0.696329
0.008070 0.225536 158.997775 0.696329
0.32468 9.546997 154.989925 0.696329
0.008070 0.151375 147.890683 0.696329
0.48702 9.546997 154.989925 0.696329
0.008070 0.444692 172.431113 0.696329
0.64936 9.546997 154.989925 0.696329
0.008070 0.737885 214.176486 0.696329

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.00000 -14.600890 -71.829903 -0.487100
-0.008645 -0.434770 -0.624096 -0.487100
0.16234 -14.600890 -71.829903 -0.487100
-0.008645 -0.150327 -14.046936 -0.487100
0.32468 -14.600890 -71.829903 -0.487100
-0.008645 -0.221648 -50.813693 -0.487100
0.48702 -14.600890 -71.829903 -0.487100
-0.008645 -0.613873 -101.122992 -0.487100
0.64936 -14.600890 -71.829903 -0.487100
-0.008645 -1.032746 -194.189521 -0.487100
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.00000 8.279104 139.988786 1.172183
0.0075

REL DIST P M2 V2 V3
0.35072 -3.812105 -127.136894 -0.402856
-0.006423 -0.611404 -147.814447
0.51304 -3.812105 -127.136894 -0.402856
-0.006423 -0.369015 -77.198369
0.67536 -3.812105 -127.136894 -0.402856
-0.006423 -0.126472 -41.481029
0.83768 -3.812105 -127.136894 -0.402856
-0.006423 -0.186291 -22.065457
1.00000 -3.812105 -127.136894 -0.402856
-0.006423 -0.525243 -0.665070

COMB DB-G2-3 MAX
REL DIST P M2 V2 V3
0.35072 12.291752 72.065455 0.746359
0.007208 1.111165 214.97412 0.746359
0.51304 12.291752 72.065455 0.746359
0.007208 0.666999 172.720002 0.746359
0.67536 12.291752 72.065455 0.746359
0.007208 0.236307 147.359382 0.746359
0.83768 12.291752 72.065455 0.746359
0.007208 0.149995 160.323964 0.746359
1.00000 12.291752 72.065455 0.746359
0.007208 0.437265 174.295065 0.746359

COMB DB-G2-3 MIN
REL DIST P M2 V2 V3
0.35072 -7.705915 -133.953457 -0.491647
-0.006816 -0.745969 -168.337742
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.51304 -7.705915 -133.953457 -0.491647
0.006816 -0.450160 -93.338759
0.67536 -7.705915 -133.953457 -0.491647
-0.006816 -0.154183 -50.955801
0.83768 -7.705915 -133.953457 -0.491647
0.006816 -0.236444 -22.865940
1.00000 -7.705915 -133.953457 -0.491647
-0.006816 -0.685105 -63.9961

COMB DL-G1-1 MAX
REL DIST T P M2 M3 V3
0.35072 4.412399 22.846338 0.474870
0.231E-05 0.412399 22.846338 0.474870
0.51304 4.412399 22.846338 0.474870
0.231E-05 0.436503 38.785140
0.67536 4.412399 22.846338 0.474870
0.231E-05 0.153006 25.161213
0.83768 4.412399 22.846338 0.474870
0.231E-05 0.112448 11.739481
1.00000 4.412399 22.846338 0.474870
0.231E-05 0.349224 22.419664

COMB DL-G1-1 MIN
REL DIST T P M2 M3 V3
0.35072 -3.987141 -40.993894 -0.393316
-0.001512 -0.597364 -99.779783
0.51304 -3.987141 -40.993894 -0.393316
-0.001512 -0.360691 -73.159782
0.67536 -3.987141 -40.993894 -0.393316
-0.001512 -0.123778 -46.811324
0.83768 -3.987141 -40.993894 -0.393316
-0.001512 -0.135505 -24.422334
1.00000 -3.987141 -40.993894 -0.393316
-0.001512 -0.421797 -4.143771

COMB DL-G1-2 MAX
REL DIST T P M2 M3 V3
0.35072 10.370907 43.085520 0.829946
0.006432 1.236499 159.326131
0.51304 10.370907 43.085520 0.829946
0.006432 0.746719 136.219349
0.67536 10.370907 43.085520 0.829946
0.006432 0.262223 132.109599
0.83768 10.370907 43.085520 0.829946
0.006432 0.208663 160.336061
1.00000 10.370907 43.085520 0.829946
0.006432 0.581764 202.535455

COMB DL-G1-2 MIN
REL DIST T P M2 M3 V3
0.35072 -5.652224 -134.488103 -0.646686
-0.008048 -0.980931 -169.693848
0.51304 -5.652224 -134.488103 -0.646686
-0.008048 -0.592026 -91.236162
0.67536 -5.652224 -134.488103 -0.646686
-0.008048 -0.203264 -46.895720
0.83768 -5.652224 -134.488103 -0.646686
-0.008048 -0.260689 -20.062489
1.00000 -5.652224 -134.488103 -0.646686
-0.008048 -0.766021 -0.003662

COMB DL-G1-3 MAX
REL DIST T P M2 M3 V3
0.35072 12.341178 66.602712 1.213862
0.006390 1.826419 219.386433
0.51304 12.341178 66.602712 1.213862
0.006390 1.103878 66.602712 1.213862
0.67536 12.341178 66.602712 1.213862
0.006390 0.385902 160.133691
0.83768 12.341178 66.602712 1.213862
0.006390 0.340414 169.937804
1.00000 12.341178 66.602712 1.213862
0.006390 0.892508 197.447555

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 MIN
REL DIST T P M2 M3 V3
0.35072 -7.964936 -142.420579 -0.998617
-0.006715 -1.514730 -196.482728
0.51304 -7.964936 -142.420579 -0.998617
-0.006715 -0.967515 -113.071988
0.67536 -7.964936 -142.420579 -0.998617
-0.006715 -0.313039 -57.752321
0.83768 -7.964936 -142.420579 -0.998617
-0.006715 -0.174761 -22.065457
1.00000 -7.964936 -142.420579 -0.998617
-0.006715 -1.099414 -0.004905

COMB DL-G2-1 MAX
REL DIST T P M2 M3 V3
0.35072 3.626786 44.079695 0.597613
0.001518 0.910676 95.378242
0.51304 3.626786 44.079695 0.597613
0.001518 0.511164 69.053892
0.67536 3.626786 44.079695 0.597613
0.001518 0.191704 42.917885
0.83768 3.626786 44.079695 0.597613
0.001518 0.157569 17.500920
1.00000 3.626786 44.079695 0.597613

0.001518 0.489799 1.332184
COMB DL-G2-1 MIN
REL DIST T P M2 M3 V3
0.35072 -4.361707 -16.377188 -0.551474
-1.24E-05 -0.836325 -54.966391
0.51304 -4.361707 -16.377188 -0.551474
-1.24E-05 -0.504364 -45.364406
0.67536 -4.361707 -16.377188 -0.551474
-1.24E-05 -0.172208 -35.908705
0.83768 -4.361707 -16.377188 -0.551474
-1.24E-05 -0.168239 -27.139898
1.00000 -4.361707 -16.377188 -0.551474
-1.24E-05 -0.527900 -26.358838

COMB DL-G2-2 MAX
REL DIST T P M2 M3 V3
0.35072 9.835232 59.954594 0.996509
0.007737 1.494393 186.167211
0.51304 9.835232 59.954594 0.996509
0.007737 0.902864 152.595036
0.67536 9.835232 59.954594 0.996509
0.007737 0.318263 72.670894
0.83768 9.835232 59.954594 0.996509
0.007737 0.266089 153.495870
1.00000 9.835232 59.954594 0.996509
0.007737 0.765752 172.086485

COMB DL-G2-2 MIN
REL DIST T P M2 M3 V3
0.35072 -5.724570 -111.422016 -0.854787
-0.005894 -1.295618 -134.022403
0.51304 -5.724570 -111.422016 -0.854787
-0.005894 -0.781159 -69.181895
0.67536 -5.724570 -111.422016 -0.854787
-0.005894 -0.266662 72.670894
0.83768 -5.724570 -111.422016 -0.854787
-0.005894 -0.309301 -17.741079
1.00000 -5.724570 -111.422016 -0.854787
-0.005894 -0.907751 -10.047669

COMB DL-G2-3 MAX
REL DIST T P M2 M3 V3
0.35072 11.652254 84.216575 1.256995
0.007001 1.892242 267.037418
0.51304 11.652254 84.216575 1.256995
0.007001 1.143250 219.035241
0.67536 11.652254 84.216575 1.256995
0.007001 0.400483 187.171753
0.83768 11.652254 84.216575 1.256995
0.007001 0.320079 187.173404
1.00000 11.652254 84.216575 1.256995
0.007001 0.939018 194.106023
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 MIN
REL DIST T P M2 M3 V3
0.35072 -8.631507 -125.424886 -1.050560
-0.006221 -1.593185 -165.960502
0.51304 -8.631507 -125.424886 -1.050560
-0.006221 -0.960965 -92.942483
0.67536 -8.631507 -125.424886 -1.050560
-0.006221 -0.326604 -48.611324
0.83768 -8.631507 -125.424886 -1.050560
-0.006221 -0.381149 -20.529085
1.00000 -8.631507 -125.424886 -1.050560
-0.006221 -1.136455 -9.202892

COMB DB MAX
REL DIST T P M2 M3 V3
0.35072 12.291752 72.065455 0.746359
0.007795 1.111165 214.97412 0.746359
0.51304 12.291752 72.065455 0.746359
0.007795 0.666999 172.720002 0.746359
0.67536 12.291752 72.065455 0.746359
0.007795 0.236307 147.359382 0.746359
0.83768 12.291752 72.065455 0.746359
0.007795 0.149995 160.323964 0.746359
1.00000 12.291752 72.065455 0.746359
0.007795 0.437265 174.295065 0.746359

COMB DB MIN
REL DIST T P M2 M3 V3
0.35072 -7.997474 -143.100152 -0.491647
-0.008430 -0.745969 -179.106241
0.51304 -7.997474 -143.100152 -0.491647
-0.008430 -0.504160 -91.236162
0.67536 -7.997474 -143.100152 -0.491647
-0.008430 -0.154183 -50.955801
0.83768 -7.997474 -143.100152 -0.491647
-0.008430 -0.203264 -46.895720
1.00000 -7.997474 -143.100152 -0.491647
-0.008430 -0.685105 -17.170900

COMB DL MAX
REL DIST T P M2 M3 V3
0.35072 12.341178 66.602712 1.256995
0.007737 1.892242 267.037418
0.51304 12.341178 66.602712 1.256995
0.007737 1.143250 219.035241
0.67536 12.341178 66.602712 1.256995
0.007737 0.400483 187.171753
0.83768 12.341178 66.602712 1.256995
0.007737 0.320079 187.173404
1.00000 12.341178 66.602712 1.256995
0.007737 0.939018 202.535455

COMB DL MIN
REL DIST T P M2 M3 V3
0.35072 -8.631507 -142.420579 -1.050560
-0.008048 -1.593185 -196.482728
0.51304 -8.631507 -142.420579 -1.050560
-0.008048 -0.960965 -113.071988
0.67536 -8.631507 -142.420579 -1.050560
-0.008048 -0.326604 -48.611324
0.83768 -8.631507 -142.420579 -1.050560
-0.008048 -0.381149 -27.139898
1.00000 -8.631507 -142.420579 -1.050560
-0.008048 -1.136455 -26.358838

COMB CAR MAX
REL DIST T P M2 M3 V3
0.35072 8.631507 143.100152 -1.050560
-0.008430 -1.593185 -196.482728
0.51304 8.631507 143.100152 -1.050560
-0.008430 -0.960965 -113.071988
0.67536 8.631507 143.100152 -1.050560
-0.008430 -0.326604 -48.611324
0.83768 8.631507 143.100152 -1.050560
-0.008430 -0.381149 -27.139898
1.00000 8.631507 143.100152 -1.050560
-0.008430 -1.136455 -26.358838

COMB DESIGN MAX
REL DIST T P M2 M3 V3
0.35072 12.341178 66.602712 1.256995
0.007795 1.892242 267.037418
0.51304 12.341178 66.602712 1.256995
0.007795 1.143250 219.035241
0.67536 12.341178 66.602712 1.256995
0.007795 0.400483 187.171753
0.83768 12.341178 66.602712 1.256995
0.007795 0.320079 187.173404
1.00000 12.341178 66.602712 1.256995
0.007795 0.939018 202.535455
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FRAME ELEMENT INTERNAL FORCES

L FORCES
COMB CAR MIN
REL DIST T P M2 M3 V3
0.35072 -8.631507 -143.100152 -1.050560
-0.008430 -1.593185 -196.482728
0.51304 -8.631507 -143.100152 -1.050560
-0.008430 -0.960965 -113.071988
0.67536 -8.631507 -143.100152 -1.050560
-0.008430 -0.326604 -48.611324
0.83768 -8.631507 -143.100152 -1.050560
-0.008430 -0.381149 -27.139898
1.00000 -8.631507 -143.100152 -1.050560
-0.008430 -1.136455 -26.358838

COMB DESIGN MIN
REL DIST T P M2 M3 V3
0.35072 12.341178 66.602712 1.256995
0.007795 1.892242 267.037418
0.51304 12.341178 66.602712 1.256995
0.007795 1.143250 219.035241
0.67536 12.341178 66.602712 1.256995
0.007795 0.400483 187.171753
0.83768 12.341178 66.602712 1.256995
0.007795 0.320079 187.173404
1.00000 12.341178 66.602712 1.256995
0.007795 0.939018 202.535455

COMB DESIGN MIN
REL DIST T P M2 M3 V3
0.35072 -8.631507 -143.100152 -1.050560
-0.008430 -1.593185 -196.482728
0.51304 -8.631507 -143.100152 -1.050560
-0.008430 -0.960965 -113.071988
0.67536 -8.631507 -143.100152 -1.050560
-0.008430 -0.326604 -48.611324
0.83768 -8.631507 -143.100152 -1.050560
-0.008430 -0.381149 -27.139898
1.00000 -8.631507 -143.100152 -1.050560
-0.008430 -1.136455 -26.358838

ELEM 188 LENGTH
3.706708
COMB DB-G1-1 MAX
REL DIST T P M2 M3 V3
0.00000 2.788350 25.701841 0.267266
1.46E-05 0.235054 1.747112
0.16232 2.788350 25.701841
0.64928 0.747432 17.645050
0.32464 2.788350 25.701841
1.46E-05 0.063191 33.932350
0.48696 2.788350 25.701841
0.64928 2.788350 25.701841
1.46E-05 0.305110 66.584904

COMB DB-G1-1 MIN
REL DIST T P M2 M3 V3
0.00000 -4.878872 -27.159982 -0.201009
-0.001409 -0.178659 -4.025027
0.16232 -4.878872 -27.159982
-0.001409 0.057693 19.204278
0.32464 -4.878872 -27.159982
-0.001409 -0.086644 -34.563138
0.48696 -4.878872 -27.159982
-0.001409 0.247375 -49.969863
0.64928 -4.878872 -27.159982
-0.001409 -0.408176 -65.417215

COMB DB-G1-2 MAX
REL DIST T P M2 M3 V3
0.00000 3.815298 136.401522 0.532480
0.006863 0.495023 183.740351
0.16232 3.815298 136.401522 0.532480
0.006863 0.179125 139.719574
0.32464 3.815298 136.401522
0.006863 0.087020 100.103365
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FRAME ELEMENT INTERNAL FORCES

COMB DB-G1-2 MIN
REL DIST T P M2 M3 V3
0.48696 3.815298 136.401522 0.532480
0.006863 0.287761 104.002191
0.16232 3.815298 136.401522 0.532480
0.006863 0.076675 127.814380

COMB DB-G1-2 MAX
REL DIST T P M2 M3 V3
0.00000 12.123601 -41.856251 -0.313945
0.00188 9.815298 -9.000399
0.16232 12.123601 -41.856251 -0.313945
-0.00188 -0.099965 -14.068306
0.32464 12.123601 -41.856251
-0.00188 -0.102820 36.10261
0.48696 12.123601 -41.856251 -0.313945
-0.00188 -0.469892 -74.643492
0.64928 12.123601 -41.856251 -0.313945
-0.00188 -0.785229 -150.220133

COMB DB-G1-3 MAX
REL DIST T P M2 M3 V3
0.00000 7.640823 135.310763 0.735977
0.006560 0.674559 173.147933
0.16232 7.640823 135.310763 0.735977
0.006560 0.321214 156.882264
0.32464 7.640823 135.310763 0.735977
0.006560 0.148973 144.943182
0.48696 7.640823 135.310763 0.735977
0.64928 7.640823 135.310763 0.735977
0.006560 0.718434 209.855165

COMB DB-G1-3 MIN
REL DIST T P M2 M3 V3
0.00000 -12.456234 -69.575575 -0.473142
-0.006922 -0.420263 -0.005283
0.16232 -12.456234 -69.575575 -0.473142
-0.006922 -0.143786 -19.689280
0.32464 -12.456234 -69.575575 -0.473142
-0.006922 0.235216 51.174139
0.48696 -12.456234 -69.575575 -0.473142
-0.006922 -0.660363 -96.054613
0.64928 -12.456234 -69.575575 -0.473142
-0.006922 -1.096754 -172.012087

COMB

0.006119 1.529507 257.764852

COMB DL-G1-3 ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000 -11.828204 -79.118696 -1.008240
-0.006830 -0.900751 -0.004532
0.16232 -11.828204 -79.118696 -1.008240
-0.006830 -0.307501 -0.875900
0.32464 -11.828204 -79.118696 -1.008240
-0.006830 -0.366444 -51.366731
0.48696 -11.828204 -79.118696 -1.008240
-0.006830 -1.103189 -99.164882
0.64928 -11.828204 -79.118696 -1.008240
-0.006830 -1.824667 -175.045035
```

COMB DL-G2-1 ----- MAX

```
REL DIST      P      M2      M3      V3
0.00000 3.651457 44.315345 0.625962
0.001536 0.255626 1.332358
0.16232 3.651457 44.315345 0.625962
0.001536 0.178941 1.501078
0.32464 3.651457 44.315345 0.625962
0.001536 0.197905 1.676091
0.48696 3.651457 44.315345 0.625962
0.001536 0.496274 16.217158
0.64928 3.651457 44.315345 0.625962
0.001536 0.822206 25.996154
```

COMB DL-G2-1 ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000 -4.401645 -16.639067 -0.541455
-1.90E-05 -4.401645 -16.639067 -0.541455
0.16232 -4.401645 -16.639067 -0.541455
-1.90E-05 -0.153670 -42.709620 -0.541455
0.32464 -4.401645 -16.639067 -0.541455
-1.90E-05 -0.197905 -66.122100 -0.541455
0.48696 -4.401645 -16.639067 -0.541455
-1.90E-05 -0.574467 -92.206094 -0.541455
0.64928 -4.401645 -16.639067 -0.541455
-1.90E-05 -0.951066 -118.611096
```

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

```
REL DIST      P      M2      M3      V3
0.00000 5.585416 132.471258 1.031324
0.007589 0.941045 172.153633
0.16232 5.585416 132.471258 1.031324
0.007589 0.322033 142.521017
0.32464 5.585416 132.471258 1.031324
0.007589 0.248985 112.243793
0.48696 5.585416 132.471258 1.031324
0.007589 0.773220 117.213204
0.64928 5.585416 132.471258 1.031324
0.007589 1.281545 138.610724
```

COMB DL-G2-2 ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000 -10.163307 -39.859008 -0.844518
-0.005945 -0.004784 -11.009580
0.16232 -10.163307 -39.859008 -0.844518
-0.005945 -0.261816 -31.455652
0.32464 -10.163307 -39.859008 -0.844518
-0.005945 -0.326997 -42.010105
0.48696 -10.163307 -39.859008 -0.844518
-0.005945 -0.931923 -108.003520
0.64928 -10.163307 -39.859008 -0.844518
-0.005945 -1.544536 -185.422321
```

COMB DL-G2-3 ----- MAX

```
REL DIST      P      M2      M3      V3
0.00000 7.767619 149.222258 1.273039
0.006868 1.151375 194.171063
0.16232 7.767619 149.222258 1.273039
0.006868 0.366391 166.500924
0.32464 7.767619 149.222258 1.273039
0.006868 0.329371 150.471413
0.48696 7.767619 149.222258 1.273039
0.006868 0.961471 167.655661
0.64928 7.767619 149.222258 1.273039
0.006868 1.593508 201.158479
```

COMB DL-G2-3 ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000 -12.604772 -60.385595 -1.050186
-0.006516 -0.937454 -0.886615
0.16232 -12.604772 -60.385595 -1.050186
-0.006516 -0.319178 -28.290373
0.32464 -12.604772 -60.385595 -1.050186
-0.006516 -0.404814 -68.712086
0.48696 -12.604772 -60.385595 -1.050186
-0.006516 -1.070189 -127.031852
0.64928 -12.604772 -60.385595 -1.050186
-0.006516 -1.915969 -214.305274
```

COMB DB ----- MAX

```
REL DIST      P      M2      M3      V3
0.00000 7.716853 149.458953 0.754989
0.000809 0.693255 183.740351
0.16232 7.716853 149.458953 0.754989
0.000809 0.239438 156.882264
0.32464 7.716853 149.458953 0.754989
0.000809 0.155075 144.943182
0.48696 7.716853 149.458953 0.754989
0.000809 0.451573 169.333511
0.64928 7.716853 149.458953 0.754989
0.000809 0.747898 209.855165
```

COMB DB ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000 -12.456234 -69.575575 -0.492506
-0.008188 -0.437404 -77.185558
0.16232 -12.456234 -69.575575 -0.492506
-0.008188 -0.149648 -22.788919
0.32464 -12.456234 -69.575575 -0.492506
-0.008188 -0.240580 -66.787109
0.48696 -12.456234 -69.575575 -0.492506
-0.008188 -0.676272 -104.675677
0.64928 -12.456234 -69.575575 -0.492506
-0.008188 -1.236317 -188.897642
```

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1161

FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

```
REL DIST      P      M2      M3      V3
0.00000 8.543870 149.222258 1.273039
0.007589 1.151375 202.632406 1.273039
0.16232 8.543870 149.222258 1.273039
0.007589 0.366391 184.708544 1.273039
0.007589 0.329371 183.400756 1.273039
0.48696 8.543870 149.222258 1.273039
0.007589 0.961471 212.745037 1.273039
0.64928 8.543870 149.222258 1.273039
```

0.007589 1.593508 257.764852

COMB DL ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000 -12.604772 -79.118696 -1.050186
-0.008188 -0.937454 -26.350360
0.16232 -12.604772 -79.118696 -1.050186
-0.008188 -0.319178 -42.709620
0.32464 -12.604772 -79.118696 -1.050186
-0.008188 -0.404814 -68.712086
0.48696 -12.604772 -79.118696 -1.050186
-0.008188 -1.157189 -127.031852
0.64928 -12.604772 -79.118696 -1.050186
-0.008188 -1.915969 -214.305274
```

COMB CAR ----- MAX

```
REL DIST      P      M2      M3      V3
0.00000 8.543870 149.458953 1.273039
0.008009 1.151375 202.632406 1.273039
0.16232 8.543870 149.458953 1.273039
0.008009 0.366391 184.708544 1.273039
0.32464 8.543870 149.458953 1.273039
0.008009 0.329371 183.400756 1.273039
0.48696 8.543870 149.458953 1.273039
0.008009 0.961471 212.745037 1.273039
0.64928 8.543870 149.458953 1.273039
0.008009 1.593508 257.764852
```

COMB CAR ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000 -12.604772 -79.118696 -1.050186
-0.008188 -0.937454 -26.350360
0.16232 -12.604772 -79.118696 -1.050186
-0.008188 -0.319178 -42.709620
0.32464 -12.604772 -79.118696 -1.050186
-0.008188 -0.404814 -68.712086
0.48696 -12.604772 -79.118696 -1.050186
-0.008188 -1.157189 -127.031852
0.64928 -12.604772 -79.118696 -1.050186
-0.008188 -1.915969 -214.305274
```

COMB DESIGN ----- MAX

```
REL DIST      P      M2      M3      V3
0.00000 8.543870 149.458953 1.273039
0.008009 1.151375 202.632406 1.273039
0.16232 8.543870 149.458953 1.273039
0.008009 0.366391 184.708544 1.273039
0.32464 8.543870 149.458953 1.273039
0.008009 0.329371 183.400756 1.273039
0.48696 8.543870 149.458953 1.273039
0.008009 0.961471 212.745037 1.273039
0.64928 8.543870 149.458953 1.273039
0.008009 1.593508 257.764852
```

COMB DESIGN ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000 -12.604772 -79.118696 -1.050186
-0.008188 -0.937454 -26.350360
0.16232 -12.604772 -79.118696 -1.050186
-0.008188 -0.319178 -42.709620
0.32464 -12.604772 -79.118696 -1.050186
-0.008188 -0.404814 -68.712086
0.48696 -12.604772 -79.118696 -1.050186
-0.008188 -1.157189 -127.031852
0.64928 -12.604772 -79.118696 -1.050186
-0.008188 -1.915969 -214.305274
```

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1162

FRAME ELEMENT INTERNAL FORCES

ELEM 189 ===== LENGTH = 3.705945

COMB DB-G1-1 ----- MAX

```
REL DIST      P      M2      M3      V3
0.00000 5.228334 5.384455 0.287193
0.000519 0.422232 10.311094 0.287193
0.51309 5.228334 5.384455 0.287193
0.67539 5.228334 5.384455 0.287193
0.000519 0.076710 3.894873 0.287193
0.83770 5.228334 5.384455 0.287193
0.000519 0.073983 3.894873 0.287193
1.00000 5.228334 5.384455 0.287193
0.000519 0.207129 1.639453 0.287193
```

COMB DB-G1-1 ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000 -1.039378 -35.210118 -0.221567
-0.001240 -0.325948 -83.590661
0.51309 -1.039378 -35.210118 -0.221567
-0.001240 -0.192679 -62.440743
0.67539 -1.039378 -35.210118 -0.221567
-0.001240 -0.059359 -41.487130
0.83770 -1.039378 -35.210118 -0.221567
-0.001240 -0.095998 -20.766611
1.00000 -1.039378 -35.210118 -0.221567
-0.001240 -0.268755 -3.315227
```

COMB DB-G1-2 ----- MAX

```
REL DIST      P      M2      M3      V3
0.00000 11.137330 28.422203 0.537974
0.006820 0.785477 94.309838
0.51309 11.137330 28.422203 0.537974
0.006820 0.464111 80.569100
0.67539 11.137330 28.422203 0.537974
0.006820 0.142666 69.944187
0.83770 11.137330 28.422203 0.537974
0.006820 0.137514 124.379228
1.00000 11.137330 28.422203 0.537974
0.006820 0.385048 170.711960
```

COMB DB-G1-2 ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000 -2.763015 -131.676099 -0.411374
-0.006077 -0.604696 -57.717200
0.51309 -2.763015 -131.676099 -0.411374
-0.006077 -0.372660 -82.734049
0.67539 -2.763015 -131.676099 -0.411374
-0.006077 -0.109708 -42.645115
0.83770 -2.763015 -131.676099 -0.411374
-0.006077 -0.206736 -19.366892
1.00000 -2.763015 -131.676099 -0.411374
-0.006077 -0.530337 -0.080720
```

COMB DB-G1-3 ----- MAX

```
REL DIST      P      M2      M3      V3
0.00000 10.930728 49.394490 0.735931
0.006840 1.077703 147.271229
0.51309 10.930728 49.394490 0.735931
0.006840 0.636893 120.490913
0.67539 10.930728 49.394490 0.735931
0.006840 0.195998 104.165416
0.83770 10.930728 49.394490 0.735931
0.006840 0.194852 126.484294
1.00000 10.930728 49.394490 0.735931
0.006840 0.544673 161.825643
```

COMB DB-G1-3 ----- MIN

```
REL DIST      P      M2      M3      V3
0.00000 10.930728 49.394490 0.735931
0.006840 1.077703 147.271229
0.51309 10.930728 49.394490 0.735931
0.006840 0.636893 120.490913
0.67539 10.930728 49.394490 0.735931
0.006840 0.195998 104.165416
0.83770 10.930728 49.394490 0.735931
0.006840 0.194852 126.484294
1.00000 10.930728 49.394490 0.735931
0.006840 0.544673 161.825643
```

0.35079 -5.863912 -128.018671 -0.581413

-0.005519 -0.854174 -152.372138 -0.581413

0.51309 -5.863912 -128.018671 -0.581413

-0.005519 -0.504462 -83.822001 -0.581413

0.67539 -5.863912 -128.018671 -0.581413

0.00000 SAP2000 Nonlinear Version 7.42

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FRAME ELEMENT INTERNAL FORCES

```
REL DIST      P      M2      M3      V3
0.83770 -5.863912 -128.018671 -0.581413
-0.005519 -0.268112 -17.847782 -0.581413
1.00000 -5.863912 -128.018671 -0.581413
-0.005519 -0.710769 -0.013234
```

COMB DB-G2-1 ----- MAX

```
REL DIST      P      M2      M3      V3
0.35079 0.584335 37.575733 0.301824
0.001203 0.444122 85.086771
0.51309 0.584335 37.575733 0.301824
0.001203 0.252581 102.9684
0.67539 0.584335 37.575733 0.301824
0.001203 0.080995 40.005873
0.83770 0.584335 37.575733 0.301824
0.001203 0.095387 57.12497
1.00000 0.584335 37.575733 0.301824
0.001203 0.265908 0.919095
```

COMB DB-G2-1 ----- MIN

```
REL DIST      P      M2      M3      V3
0.35079 -5.096893 -2.337060 -0.283351
-0.000447 -0.415819 -9.084802
0.51309 -5.096893 -2.337060 -0.283351
-0.000447 -0.445870 10.576830
0.67539 -5.096893 -2.337060 -0.283351
-0.000447 -0.074880 -12.521352
0.83770 -5.096893 -2.337060 -0.283351
-0.000447 -0.100660 -19.46555
1.00000 -5.096893 -2.337060 -0.283351
-0.000447 -0.282066 -17.054727
```

COMB DB-G2-2 ----- MAX

```
REL DIST      P      M2      M3      V3
0.35079 6.097654 57.405214 0.562553
0.007317 0.822412 152.647758
0.51309 6.097654 57.405214 0.562553
0.007317 0.486117 121.258555
0.67539 6.097654 57.405214 0.562553
0.007317 0.149820 101.576094
0.83770 6.097654 57.405214 0.562553
0.007317 0.157917 124.630979
1.00000 6.097654 57.405214 0.562553
0.007317 0.440293 149.237168
```

COMB DB-G2-2 ----- MIN

```
REL DIST      P      M2      M3      V3
0.35079 -6.963463 -93.280480 -0.469287
0.004959 -0.886786 76.842043
0.51309 -6.963463 -93.280480 -0.469287
-0.004959 -0.406516 -29.730354
0.67539 -6.963463 -93.280480 -0.469287
-0.004959 -0.139414 39.700027
0.83770 -6.963463 -93.280480 -0.469287
-0.004959 -0.212767 -4.817088
1.00000 -6.963463 -93.280480 -0.469287
-0.004959 -0.551138 -0.717546
```

COMB DB-G2-3 ----- MAX

```
REL DIST      P      M2      M3      V3
0.35079 8.899872 71.067862 0.744755
0.007039 0.005755 36.196689
0.51309 8.899872 71.067862 0.744755
0.007039 0.644548 168.366798
0.67539 8.899872 71.067862 0.744755
0.007039 0.149820 101.576094
0.83770 8.899872 71.067862 0.744755
1.00000 8.899872 71.067862 0.744755
0.007039 0.566579 162.726593
```

COMB DB-G2-3 ----- MIN

```
REL DIST      P      M
```

0.007317 0.566579 170.711960

COMB	DB	-----	MIN	
REL DIST	P	M2	M3	V3
0.35079	-7.95391	-131.676099	-0.604408	
-0.006077	-0.887592	-152.372138		
0.51309	-7.953911	-131.676099	-0.604408	
-0.006077	-0.524049	-83.822001		
0.67539	-7.953911	-131.676099	-0.604408	
-0.006077	-0.60345	-42.60515		
0.83770	-7.953911	-131.676099	-0.604408	
-0.006077	-0.272006	-20.766611		
1.00000	-7.953912	-131.676099	-0.604408	
-0.006077	-0.719579	-17.054727		

COMB	DL	-----	MAX	
REL DIST	P	M2	M3	V3
0.35079	15.609910	98.568995	1.310048	
0.006879	1.917926	293.819008		
0.51309	15.609910	98.568995	1.310048	
0.006879	1.132614	237.345545		
0.67539	15.609910	98.568995	1.310048	
0.006879	0.347146	193.891737		
0.83770	15.609910	98.568995	1.310048	
0.006879	0.446275	184.797522		
1.00000	15.609910	98.568995	1.310048	
0.006879	1.239919	194.840171		

COMB	DL	-----	MIN	
REL DIST	P	M2	M3	V3
0.35079	-12.256851	-152.170097	-1.321888	
-0.005359	-1.917926	-216.691280		
0.51309	-12.256851	-152.170097	-1.321888	
-0.005359	-1.144312	-127.606836		
0.67539	-12.256851	-152.170097	-1.321888	
-0.005359	-0.347146	-73.351012		
0.83770	-12.256851	-152.170097	-1.321888	
-0.005359	-0.461337	-37.064564		
1.00000	-12.256851	-152.170097	-1.321888	
-0.005359	-1.249419	-26.398887		

COMB	CAR	-----	MAX	
REL DIST	P	M2	M3	V3
0.35079	15.609910	98.568995	1.310048	
0.007317	1.917926	293.819008		
0.51309	15.609910	98.568995	1.310048	
0.007317	1.132614	237.345545		
0.67539	15.609910	98.568995	1.310048	
0.007317	0.347146	193.891737		
0.83770	15.609910	98.568995	1.310048	
0.007317	0.446275	184.797522		
1.00000	15.609910	98.568995	1.310048	
0.007317	1.239919	194.840171		
Program	SAP2000	Nonlinear	Version 7.42	
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB	CAR	-----	MIN	
REL DIST	P	M2	M3	V3
0.35079	-12.256851	-152.170097	-1.321888	
-0.006077	-1.939426	-216.691280		
0.51309	-12.256851	-152.170097	-1.321888	
-0.006077	-1.144312	-127.606836		
0.67539	-12.256851	-152.170097	-1.321888	
-0.006077	-0.347146	-73.351012		
0.83770	-12.256851	-152.170097	-1.321888	
-0.006077	-0.461337	-37.064564		
1.00000	-12.256851	-152.170097	-1.321888	
-0.006077	-1.249419	-26.398887		

COMB	DESIGN	-----	MAX	
REL DIST	P	M2	M3	V3
0.35079	15.609910	98.568995	1.310048	
0.007317	1.917926	293.819008		
0.51309	15.609910	98.568995	1.310048	
0.007317	1.132614	237.345545		
0.67539	15.609910	98.568995	1.310048	
0.007317	0.347146	193.891737		
0.83770	15.609910	98.568995	1.310048	
0.007317	0.446275	184.797522		
1.00000	15.609910	98.568995	1.310048	
0.007317	1.239919	194.840171		

COMB	DESIGN	-----	MIN	
REL DIST	P	M2	M3	V3
0.35079	-12.256851	-152.170097	-1.321888	
-0.006077	-1.939426	-216.691280		
0.51309	-12.256851	-152.170097	-1.321888	
-0.006077	-1.144312	-127.606836		
0.67539	-12.256851	-152.170097	-1.321888	
-0.006077	-0.349929	-73.351012		
0.83770	-12.256851	-152.170097	-1.321888	
-0.006077	-0.461337	-37.064564		
1.00000	-12.256851	-152.170097	-1.321888	
-0.006077	-1.249419	-26.398887		

ELEM 190 ===== LENGTH = 3.706941

COMB	DB-G1-1	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	5.137648	5.158776	0.275390	
0.000526	0.257332	1.656134		
0.16233	5.137648	5.158776	0.275390	
0.000526	0.091600	22.269530		
0.32465	5.137648	5.158776	0.275390	
0.000526	0.062860	43.315108		
0.48698	5.137648	5.158776	0.275390	
0.000526	0.205278	64.403235		
0.64931	5.137648	5.158776	0.275390	
0.000526	0.347838	85.501493		

COMB	DB-G1-1	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-0.996793	-35.087397	-0.236921	
-0.001241	-0.091117	-35.087397		
0.16233	-0.996793	-35.087397	-0.236921	
-0.001241	-0.079777	-5.921876		
0.32465	-0.996793	-35.087397	-0.236921	
-0.001241	-0.010988	-8.891543		
0.48698	-0.996793	-35.087397	-0.236921	
-0.001241	-0.239822	-11.944687		
0.64931	-0.996793	-35.087397	-0.236921	
-0.001241	-0.405532	-15.029465		

COMB	DB-G1-2	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	6.544589	104.643923	0.524914	
0.005309	0.517517	171.022781		
0.16233	6.544589	104.643923	0.524914	
0.005309	0.201634	137.666154		
0.32465	6.544589	104.643923	0.524914	
0.005309	0.113628	108.944206		
Program	SAP2000	Nonlinear	Version 7.42	
File:	상행S11-S1503.OUT			

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L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	M2	M3	V3
0.48698	6.544589	104.643923	0.524914	
0.005309	0.371362	126.004524		
0.64931	6.544589	104.643923	0.524914	
0.005309	0.628936	156.074094		

COMB	DB-G1-2	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-7.381924	-55.289756	-0.428051	
-0.007687	-0.401358	-0.007637		
0.16233	-7.381924	-55.289756	-0.428051	
-0.007687	-0.143699	-0.974336		
0.32465	-7.381924	-55.289756	-0.428051	
-0.007687	-0.140134	-1.607646		
0.48698	-7.381924	-55.289756	-0.428051	
-0.007687	-0.453465	-31.815027		
0.64931	-7.381924	-55.289756	-0.428051	
-0.007687	-0.766811	-85.182590		

COMB	DB-G1-3	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	7.161573	112.642542	0.733587	
0.005212	0.708352	162.079364		
0.16233	7.161573	112.642542	0.733587	
0.005212	0.268899	145.824767		
0.32465	7.161573	112.642542	0.733587	
0.005212	0.156484	132.820585		
0.48698	7.161573	112.642542	0.733587	
0.005212	0.510429	158.176563		
0.64931	7.161573	112.642542	0.733587	
0.005212	0.864181	194.936990		

COMB	DB-G1-3	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-9.770986	-65.008517	-0.587886	
-0.006737	-0.550825	-0.012414		
0.16233	-9.770986	-65.008517	-0.587886	
-0.006737	-0.195617	-0.744999		
0.32465	-9.770986	-65.008517	-0.587886	
-0.006737	-0.195992	-31.021649		
0.48698	-9.770986	-65.008517	-0.587886	
-0.006737	-0.635586	-58.098266		
0.64931	-9.770986	-65.008517	-0.587886	
-0.006737	-1.074692	-126.241058		

COMB	DB-G2-1	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	0.622033	37.704400	0.315067	
0.001252	0.295157	0.920219		
0.16233	0.622033	37.704400	0.315067	
0.001252	0.105533	1.409791		
0.32465	0.622033	37.704400	0.315067	
0.48698	0.622033	37.704400	0.315067	
0.001252	0.246357	4.009843		
0.64931	0.622033	37.704400	0.315067	
0.001252	0.417253	5.387462		

COMB	DB-G2-1	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-5.186727	-2.315709	-0.284007	
-0.000505	-0.268334	-0.105941		
0.16233	-5.186727	-2.315709	-0.284007	
-0.000505	-0.095347	-29.266950		
0.32465	-5.186727	-2.315709	-0.284007	
-0.000505	-0.085050	-1.213524		
0.48698	-5.186727	-2.315709	-0.284007	
-0.000505	-0.273622	-73.696831		
0.64931	-5.186727	-2.315709	-0.284007	
-0.000505	-0.463207	-98.230067		

COMB	DB-G2-2	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	1.967290	129.083101	0.579113	
0.005783	0.567250	170.532439		
Program	SAP2000	Nonlinear	Version 7.42	
File:	상행S11-S1503.OUT			

COMB	DB-G2-2	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-11.452868	-22.328579	-0.469808	
-0.006356	-0.440355	-0.692734		
0.16233	-11.452868	-22.328579	-0.469808	
-0.006356	-0.157548	-26.898445		
0.32465	-11.452868	-22.328579	-0.469808	
-0.006356	-0.153812	-53.200420		
0.48698	-11.452868	-22.328579	-0.469808	
-0.006356	-0.500040	-94.718741		
0.64931	-11.452868	-22.328579	-0.469808	
-0.006356	-0.846170	-163.478962		

COMB	DB-G2-3	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	4.973848	137.426288	0.751300	
0.005753	0.726283	162.997845		
0.16233	4.973848	137.426288	0.751300	
0.005753	0.274185	119.988504		
0.32465	4.973848	137.426288	0.751300	
0.005753	0.163241	90.327471		
0.48698	4.973848	137.426288	0.751300	
0.005753	0.533155	101.140321		
0.64931	4.973848	137.426288	0.751300	
0.005753	0.902898	123.412653		

0.006836	-0.576074	-0.673756		
0.16233	-12.083411	-41.925235	-0.614461	
-0.006836	-0.206196	-24.375909		
32.485	-12.083411	-41.925235	-0.614461	
-0.006836	-0.200369	-49.324553		
0.48698	-12.083411	-41.925235	-0.614461	
-0.006836	-0.650394	-96.231056		
0.64931	-12.083411	-41.925235	-0.614461	
-0.006836	-1.100294	-170.024229		
COMB DL-G1-1 ----- MAX				
REL DIST	P	V2	V3	
	M2	M3		
0.00000	9.233525	5.921003	0.481558	
0.000631	2.41	2.41		

0.83767	5.804563	2.442451	0.243216
0.000932	0.094096	1.997327	
1.00000	5.804042	2.442451	0.243216
0.000932	0.262956	1.621005	
COMB DB-G1-1----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	-0.212864	-33.240816	-0.280543
0.000899	-0.412300	-78.728141	
0.51302	-0.212864	-33.240816	-0.280543
-0.000899	-0.243490	-58.817727	
0.67535	-0.212864	-33.240816	-0.280543
-0.000899	-0.412300	-78.728141	
0.83767	-0.212864	-33.240816	-0.280543
-0.000899	-0.081127	-19.513104	
1.00000	-0.212864	-33.240816	-0.280543
-0.000899	-0.227536	-2.814820	
COMB DB-G1-2----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	11.687326	18.754671	0.457727
0.005746	0.673105	70.014655	
0.51302	11.687326	18.754671	0.457727
0.005746	0.397680	62.921811	
0.67535	11.687326	18.754671	0.457727
0.005746	0.127907	7.346117	
0.83767	11.687326	18.754671	0.457727
0.005746	0.187320	11.855068	
1.00000	11.687326	18.754671	0.457727
0.005746	0.483907	171.729397	
COMB DB-G1-2----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	-1.344716	-129.438772	-0.516060
-0.007242	-0.758229	-146.417680	
0.51302	-1.344716	-129.438772	-0.516060
-0.007242	-0.447700	-78.534407	
0.67535	-1.344716	-129.438772	-0.516060
-0.007242	-0.137061	-39.859515	
0.83767	-1.344716	-129.438772	-0.516060
-0.007242	-0.159770	-17.937817	
1.00000	-1.344716	-129.438772	-0.516060
-0.007242	-0.428628	-0.017981	
COMB DB-G1-3----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	10.421052	39.125735	0.640208
0.005503	0.941202	122.172567	
0.51302	10.421052	39.125735	0.640208
0.005503	0.502669	97.121218	
0.67535	10.421052	39.125735	0.640208
0.005503	0.170686	91.770497	
0.83767	10.421052	39.125735	0.640208
0.005503	0.127190	120.824490	
1.00000	10.421052	39.125735	0.640208
0.005503	0.668887	163.002198	
COMB DB-G1-3----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	-5.029759	-119.599462	-0.713359
-0.006798	-1.048141	-133.921577	
0.51302	-5.029759	-119.599462	-0.713359
-0.006798	-0.618886	-72.249908	
0.67535	-5.029759	-119.599462	-0.713359
-0.006798	-0.189459	-37.666848	
Program	SAP2000	Nonlinear	Version 7.42
File:	상행S11-S1503.OUT		
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIST	P	V2	V3
T	M2	M3	
0.83767	-5.029759	-119.599462	-0.713359
-0.006798	-0.212862	-77.036060	
1.00000	-5.029759	-119.599462	-0.713359
-0.006798	-0.599754	-0.021680	
COMB DB-G2-1----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	0.167463	35.629657	0.275679
0.000848	0.405187	80.562070	
0.51302	0.167463	35.629657	0.275679
0.000848	0.239300	59.149905	
0.67535	0.167463	35.629657	0.275679
0.000848	0.073337	37.844970	
0.83767	0.167463	35.629657	0.275679
0.000848	0.101055	16.701348	
1.00000	0.167463	35.629657	0.275679
0.000848	0.282440	0.931774	
COMB DB-G2-1----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	-5.776469	-2.679643	-0.301392
-0.000879	-6.062999	-8.403972	
0.51302	-5.776469	-2.679643	-0.301392
-0.000879	-0.261639	-4.911225	
0.67535	-5.776469	-2.679643	-0.301392
-0.000879	-0.000879	-3.945719	
0.83767	-5.776469	-2.679643	-0.301392
-0.000879	-0.092433	-8.908896	
1.00000	-5.776469	-2.679643	-0.301392
-0.000879	-0.256362	-16.795196	
COMB DB-G2-2----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	5.029223	55.038126	0.502577
0.005446	0.739531	146.919044	
0.51302	5.029223	55.038126	0.502577
0.005446	0.436117	117.631685	
0.67535	5.029223	55.038126	0.502577
0.005446	0.133603	99.127834	
0.83767	5.029223	55.038126	0.502577
0.005446	0.197360	123.956720	
1.00000	5.029223	55.038126	0.502577
0.005446	0.514475	149.934828	
COMB DB-G2-2----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	-7.766130	-88.323350	-0.548702
0.006924	-0.806230	-64.745177	
0.51302	-7.766130	-88.323350	-0.548702
-0.006924	-0.476053	-10.748711	
0.67535	-7.766130	-88.323350	-0.548702
0.006924	-0.145763	-3.810261	
0.83767	-7.766130	-88.323350	-0.548702
-0.006924	-0.174877	-85.905339	
1.00000	-7.766130	-88.323350	-0.548702
-0.006924	-0.741154	-0.704562	
COMB DB-G2-3----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	8.283571	62.664052	0.654989
0.005584	0.962786	188.391300	
0.51302	8.283571	62.664052	0.654989
0.005584	0.569589	154.255031	
0.67535	8.283571	62.664052	0.654989
0.005584	0.174413	130.170246	
0.83767	8.283571	62.664052	0.654989
0.005584	0.251122	146.476050	
1.00000	8.283571	62.664052	0.654989
0.005584	0.678352	163.762523	
COMB DB-G2-3----- MIN			

REL DIST	P	V2	V3
T	M2	M3	
0.35069	-7.680533	-102.491738	-0.723500
-0.006935	-1.063085	-100.987065	
Program	SAP2000	Nonlinear	Version 7.42
File:상행S11-S1503.OUT			
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIST	P	V2	V3
T	M2	M3	
0.51302	-7.680533	-102.491738	-0.723500
-0.006935	-0.627728	-47.950670	
0.67535	-7.680533	-102.491738	-0.723500
-0.006935	-0.192214	-20.036374	
0.83767	-7.680533	-102.491738	-0.723500
-0.006935	-0.225300	-6.916868	
1.00000	-7.680533	-102.491738	-0.723500
-0.006935	-0.613749	-0.683537	
COMB DL-G1-1----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	11.446896	3.125529	0.457205
0.001026	0.672717	8.340236	
0.51302	11.446896	3.125529	0.457205
0.001026	0.397046	6.517956	
0.67535	11.446896	3.125529	0.457205
0.001026	0.121732	4.770434	
0.83767	11.446896	3.125529	0.457205
0.001026	0.196753	3.112523	
1.00000	11.446896	3.125529	0.457205
0.001026	0.547908	2.423299	
COMB DL-G1-1----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	-0.327495	-69.437177	-0.583755
-0.000950	-0.857244	-166.937149	
0.51302	-0.327495	-69.437177	-0.583755
-0.000950	-0.505995	-125.206174	
0.67535	-0.327495	-69.437177	-0.583755
-0.000950	-0.154676	-83.626388	
0.83767	-0.327495	-69.437177	-0.583755
-0.000950	-0.153440	-42.199982	
1.00000	-0.327495	-69.437177	-0.583755
-0.000950	-0.428704	-2.496588	
COMB DL-G1-2----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	17.870859	21.928243	0.765373
0.005006	1.122414	102.068751	
0.51302	17.870859	21.928243	0.765373
0.005006	0.661791	91.948549	
0.67535	17.870859	21.928243	0.765373
0.005006	0.204051	97.034939	
0.83767	17.870859	21.928243	0.765373
0.005006	0.355487	141.972802	
1.00000	17.870859	21.928243	0.765373
0.005006	0.942046	195.944396	
COMB DL-G1-2----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	-1.772275	-160.188849	-0.992879
-0.006708	-0.452395	-234.921199	
0.51302	-1.772275	-160.188849	-0.992879
-0.006708	-0.854829	-140.333082	
0.67535	-1.772275	-160.188849	-0.992879
-0.006708	-0.260955	-78.375220	
0.83767	-1.772275	-160.188849	-0.992879
-0.006708	-0.267995	-34.141212	
1.00000	-1.772275	-160.188849	-0.992879
-0.006708	-0.720395	-0.017692	
COMB DL-G1-3----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	16.200309	64.270717	1.148486
0.004854	1.685930	214.013777	
0.51302	16.200309	64.270717	1.148486
0.004854	0.994781	178.416606	
0.67535	16.200309	64.270717	1.148486
0.004854	0.306805	156.106457	
0.83767	16.200309	64.270717	1.148486
0.004854	0.498660	166.942506	
1.00000	16.200309	64.270717	1.148486
0.004854	1.353215	191.728600	
Program	SAP2000	Nonlinear	Version 7.42
File:상행S11-S1503.OUT			
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	-8.914937	-147.291315	-1.434805
-0.006317	-2.102584	-215.810510	
0.51302	-8.914937	-147.291315	-1.434805
-0.006317	-1.239046	-129.743524	
0.67535	-8.914937	-147.291315	-1.434805
-0.006317	-0.378570	-72.473724	
0.83767	-8.914937	-147.291315	-1.434805
-0.006317	-0.394671	-31.223045	
1.00000	-8.914937	-147.291315	-1.434805
-0.006317	-1.079060	-0.025972	
COMB DL-G2-1----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	0.307090	78.614237	0.597291
0.000912	0.877853	168.990613	
0.51302	0.307090	78.614237	0.597291
0.000912	0.518446	121.725971	
0.67535	0.307090	78.614237	0.597291
0.000912	0.229573	30.416454	
1.00000	0.307090	78.614237	0.597291
0.000912	0.643696	1.350512	
COMB DL-G2-1----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	-11.844627	-3.367305	-0.687868
-0.000954	-0.101075	-8.062738	
0.51302	-11.844627	-3.367305	-0.687868
-0.000954	-0.596733	-6.071808	
0.67535	-11.844627	-3.367305	-0.687868
-0.000954	-0.182509	-4.535457	
0.83767	-11.844627	-3.367305	-0.687868
-0.000954	-0.200766	-8.428113	
1.00000	-11.844627	-3.367305	-0.687868
-0.000954	-0.559880	-26.017266	
COMB DL-G2-2----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.35069	5.181939	100.237420	0.952115
0.004684	1.396679	279.351599	
0.51302	5.181939	100.237420	0.952115
0.004684	0.251930	100.237420	0.952115
0.67535	5.181939	100.237420	0.952115
0.004684	0.253900	177.921183	
0.83767	5.181939	100.237420	0.952115
0.004684	0.402488	170.588286	
1.00000	5.181939	100.237420	0.952115

REL DIST P M2 V2 V3
0.16233 0.914166 127.360411 0.501968
0.006819 0.174237 101.380064 0.501968
0.32465 0.914166 127.360411 0.501968
0.006819 0.145897 53.361647 0.501968
0.48698 0.914166 127.360411 0.501968
0.006819 0.476310 48.555494 0.501968
0.64930 0.914166 127.360411 0.501968
0.006819 0.806578 54.405533 0.501968

COMB DB-G2-2 MIN
REL DIST P M2 V2 V3
0.00000 -12.404459 -16.688571 -0.548871
-0.005415 -0.514494 -0.688411 -0.548871
0.16233 -12.404459 -16.688571 -0.548871
-0.005415 -0.192713 -25.478258 -0.548871
0.32465 -12.404459 -16.688571 -0.548871
-0.005415 -0.134100 -50.618663 -0.548871
0.48698 -12.404459 -16.688571 -0.548871
-0.005415 -0.436260 -91.165290 -0.548871
0.64930 -12.404459 -16.688571 -0.548871
-0.005415 -0.738298 -158.710412 -0.548871

COMB DB-G2-3 MAX
REL DIST P M2 V2 V3
0.00000 4.471539 130.147256 0.656146
0.007059 0.614347 164.042797 0.656146
0.16233 4.471539 130.147256 0.656146
0.007059 0.225469 -116.632767 0.656146
0.32465 4.471539 130.147256 0.656146
0.007059 0.193061 82.796152 0.656146
0.48698 4.471539 130.147256 0.656146
0.007059 0.630126 90.320015 0.656146
0.64930 4.471539 130.147256 0.656146
0.007059 1.067556 107.350259 0.656146

COMB DL-G2-3 MIN
REL DIST P M2 V2 V3
0.00000 -12.001983 -35.457531 -0.726465
-0.005673 -0.680964 -60.86245 -0.726465
0.16233 -12.001983 -35.457531 -0.726465
0.005673 -0.255920 -23.318927 -0.726465
0.32465 -12.001983 -35.457531 -0.726465
-0.005673 -0.175181 -46.742447 -0.726465
0.48698 -12.001983 -35.457531 -0.726465
0.005673 -0.121171 -85.751211 -0.726465
0.64930 -12.001983 -35.457531 -0.726465
-0.005673 -0.964923 -152.973240 -0.726465

COMB DL-G1-1 MAX
REL DIST P M2 V2 V3
0.00000 11.371865 13.129950 0.454593
0.001043 0.427670 129.8070 0.454593
0.16233 11.371865 13.129950 0.454593
0.001043 0.152306 42.14204 0.454593
0.32465 11.371865 13.129950 0.454593
0.001043 0.150143 92.971516 0.454593
0.48698 11.371865 13.129950 0.454593
0.001043 0.503733 124.101000 0.454593
0.64930 11.371865 13.129950 0.454593
0.001043 0.852520 165.279722 0.454593

COMB DL-G1-1 MIN
REL DIST P M2 V2 V3
0.00000 -0.294556 -68.490412 -0.579780
-0.000953 -0.543104 -124.88916 -0.579780
0.16233 -0.294556 -68.490412 -0.579780
-0.000953 -0.194486 -1.908411 -0.579780
0.32465 -0.294556 -68.490412 -0.579780
-0.000953 -0.121171 -93.200124 -0.579780
0.48698 -0.294556 -68.490412 -0.579780
-0.000953 -0.394894 -50.27983 -0.579780
0.64930 -0.294556 -68.490412 -0.579780
-0.000953 -0.658982 -96.918611 -0.579780
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 MAX
REL DIST P M2 V2 V3
0.00000 13.706709 191.690104 0.761184
0.006921 0.171569 195.032569 0.761184
0.16233 13.706709 191.690104 0.761184
0.006921 0.265787 189.256138 0.761184
0.32465 13.706709 191.690104 0.761184
0.006921 0.261403 184.806154 0.761184
0.48698 13.706709 191.690104 0.761184
0.006921 0.853253 220.180044 0.761184
0.64930 13.706709 191.690104 0.761184
0.006921 1.448533 270.837503 0.761184

COMB DL-G1-2 MIN
REL DIST P M2 V2 V3
0.00000 -6.077566 -89.479738 -0.989258
-0.005011 -0.937118 -0.016200 -0.989258
0.16233 -6.077566 -89.479738 -0.989258
-0.005011 -0.353024 -1.538540 -0.989258
0.32465 -6.077566 -89.479738 -0.989258
-0.005011 -0.203700 -3.670321 -0.989258
0.48698 -6.077566 -89.479738 -0.989258
-0.005011 -0.658929 -23.429946 -0.989258
0.64930 -6.077566 -89.479738 -0.989258
-0.005011 -1.117000 -75.321972 -0.989258

COMB DL-G1-3 MAX
REL DIST P M2 V2 V3
0.00000 12.824857 121.937761 1.150583
0.006265 1.090038 191.825970 1.150583
0.16233 12.824857 121.937761 1.150583
0.006265 0.391406 184.215984 1.150583
0.32465 12.824857 121.937761 1.150583
0.006265 0.380687 189.019692 1.150583
0.48698 12.824857 121.937761 1.150583
0.006265 1.244648 227.226646 1.150583
0.64930 12.824857 121.937761 1.150583
0.006265 2.111429 278.205473 1.150583

COMB DL-G1-3 MIN
REL DIST P M2 V2 V3
0.00000 -12.539589 -89.597802 -1.440370
-0.004753 -1.357715 -0.024499 -1.440370
0.16233 -12.539589 -89.597802 -1.440370
-0.004753 -0.421493 -15.751546 -1.440370
0.32465 -12.539589 -89.597802 -1.440370
-0.004753 -0.307583 -43.983493 -1.440370
0.48698 -12.539589 -89.597802 -1.440370
-0.004753 -0.050511 -1.045658 -1.440370
0.64930 -12.539589 -89.597802 -1.440370
-0.004753 -1.669881 -97.932575 -1.440370

COMB DL-G2-1 MAX
REL DIST P M2 V2 V3
0.00000 0.327560 79.550336 0.605652
0.000973 0.567751 1.352613 0.605652
0.16233 0.327560 79.550336 0.605652
0.000973 0.203540 -5.543441 0.605652
0.32465 0.327560 79.550336 0.605652
0.000973 0.184446 4.836550 0.605652
0.48698 0.327560 79.550336 0.605652
0.000973 0.605488 6.300130 0.605652
0.64930 0.327560 79.550336 0.605652

0.000973 1.026330 8.272412
COMB DL-G2-1 MIN
REL DIST P M2 V2 V3
0.00000 -11.964858 -3.360628 -0.699241
-0.001015 -0.655393 -25.989302 -0.699241
0.16233 -11.964858 -3.360628 -0.699241
0.001015 -0.234417 -68.976713 -0.699241
0.32465 -11.964858 -3.360628 -0.699241
-0.001015 -0.161236 -116.463272 -0.699241
0.48698 -11.964858 -3.360628 -0.699241
-0.001015 -0.525662 -164.131073 -0.699241
0.64930 -11.964858 -3.360628 -0.699241
-0.001015 -0.890600 -211.913882 -0.699241
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 MAX
REL DIST P M2 V2 V3
0.00000 1.441067 166.006800 0.961668
0.006293 0.903122 164.625075 0.961668
0.16233 1.441067 166.006800 0.961668
0.006293 0.332674 121.533600 0.961668
0.32465 1.441067 166.006800 0.961668
0.006293 0.304160 79.091115 0.961668
0.48698 1.441067 166.006800 0.961668
0.006293 0.998593 79.091115 0.961668
0.64930 1.441067 166.006800 0.961668
0.006293 1.696214 81.077553 0.961668

COMB DL-G2-2 MIN
REL DIST P M2 V2 V3
0.00000 -18.827215 -17.739619 -1.158976
-0.004720 -1.095619 -1.170716 -1.158976
0.16233 -18.827215 -17.739619 -1.158976
0.004720 -0.408430 -53.179926 -1.158976
0.32465 -18.827215 -17.739619 -1.158976
-0.004720 -0.257002 -105.663544 -1.158976
0.48698 -18.827215 -17.739619 -1.158976
0.004720 -0.832501 -174.131058 -1.158976
0.64930 -18.827215 -17.739619 -1.158976
-0.004720 -1.411334 -271.741877 -1.158976

COMB DL-G2-3 MAX
REL DIST P M2 V2 V3
0.00000 8.087011 162.037724 1.203716
0.006490 1.29780 187.840739 1.203716
0.16233 8.087011 162.037724 1.203716
0.006490 0.412895 163.046654 1.203716
0.32465 8.087011 162.037724 1.203716
0.006490 0.390931 144.924163 1.203716
0.48698 8.087011 162.037724 1.203716
0.006490 1.279670 160.719795 1.203716
0.64930 8.087011 162.037724 1.203716
0.006490 2.171270 190.260224 1.203716

COMB DL-G2-3 MIN
REL DIST P M2 V2 V3
0.00000 -17.636870 -54.621100 -1.481483
-0.004951 -1.396678 -1.038663 -1.481483
0.16233 -17.636870 -54.621100 -1.481483
-0.004951 -0.514586 -48.205164 -1.481483
0.32465 -17.636870 -54.621100 -1.481483
-0.004951 -0.321684 -96.308016 -1.481483
0.48698 -17.636870 -54.621100 -1.481483
-0.004951 -1.043658 -161.612299 -1.481483
0.64930 -17.636870 -54.621100 -1.481483
-0.004951 -1.767703 -256.280966 -1.481483

COMB DB MIN
REL DIST P M2 V2 V3
0.00000 7.277626 130.147256 0.656146
0.007337 0.614347 172.043970 0.656146
0.16233 7.277626 130.147256 0.656146
0.007337 0.225489 140.141013 0.656146
0.32465 7.277626 130.147256 0.656146
0.007337 0.193081 21.875623 0.656146
0.48698 7.277626 130.147256 0.656146
0.007337 0.630426 142.018878 0.656146
0.64930 7.277626 130.147256 0.656146
0.007337 1.067556 171.661964 0.656146

COMB DB MAX
REL DIST P M2 V2 V3
0.00000 -12.404459 -55.502944 -0.726465
-0.005749 -0.680964 -116.790636 -0.726465
0.16233 -12.404459 -55.502944 -0.726465
-0.005749 -0.255920 -23.318927 -0.726465
0.32465 -12.404459 -55.502944 -0.726465
-0.005749 -0.175181 -50.618663 -0.726465
0.48698 -12.404459 -55.502944 -0.726465
-0.005749 -0.570112 -91.165290 -0.726465
0.64930 -12.404459 -55.502944 -0.726465
-0.005749 -0.964923 -158.710412 -0.726465
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FRAME ELEMENT INTERNAL FORCES

COMB DL MAX
REL DIST P M2 V2 V3
0.00000 13.706709 166.006800 1.203716
0.006921 1.129780 196.032409 1.203716
0.16233 13.706709 166.006800 1.203716
0.006921 0.412895 189.256138 1.203716
0.32465 13.706709 166.006800 1.203716
0.006921 0.390931 189.019692 1.203716
0.48698 13.706709 166.006800 1.203716
0.006921 1.279670 160.719795 1.203716
0.64930 13.706709 166.006800 1.203716
0.006921 2.171270 278.205473 1.203716

COMB DL MIN
REL DIST P M2 V2 V3
0.00000 -18.827215 -17.739619 -1.158976
-0.005011 -1.396678 -25.989302 -1.158976
0.16233 -18.827215 -17.739619 -1.158976
-0.005011 -0.514586 -48.205164 -1.158976
0.32465 -18.827215 -17.739619 -1.158976
-0.005011 -0.321684 -96.308016 -1.158976
0.48698 -18.827215 -17.739619 -1.158976
-0.005011 -1.043658 -161.612299 -1.158976
0.64930 -18.827215 -17.739619 -1.158976
-0.005011 -1.767703 -271.741877 -1.158976

0.007337 2.171270 278.205473
COMB CAR MIN
REL DIST P M2 V2 V3
0.00000 -18.827215 -89.597802 -1.481483
-0.005749 -1.396678 -25.989302 -1.481483
0.16233 -18.827215 -89.597802 -1.481483
-0.005749 -0.514586 -68.976713 -1.481483
0.32465 -18.827215 -89.597802 -1.481483
-0.005749 -0.321684 -116.463272 -1.481483
0.48698 -18.827215 -89.597802 -1.481483
-0.005749 -1.043658 -174.131058 -1.481483
0.64930 -18.827215 -89.597802 -1.481483
-0.005749 -1.767703 -271.741877 -1.481483

COMB DESIGN MAX
REL DIST P M2 V2 V3
0.00000 13.706709 166.006800 1.203716
0.007337 0.297400 196.032409 1.203716
0.16233 13.706709 166.006800 1.203716
0.007337 0.412895 189.256138 1.203716
0.32465 13.706709 166.006800 1.203716
0.007337 0.390931 189.019692 1.203716
0.48698 13.706709 166.006800 1.203716
0.007337 1.279670 227.226646 1.203716
0.64930 13.706709 166.006800 1.203716
0.007337 2.171270 278.205473 1.203716

COMB DESIGN MIN
REL DIST P M2 V2 V3
0.00000 -18.827215 -89.597802 -1.481483
-0.005749 -1.396678 -25.989302 -1.481483
0.16233 -18.827215 -89.597802 -1.481483
-0.005749 -0.514586 -68.976713 -1.481483
0.32465 -18.827215 -89.597802 -1.481483
-0.005749 -0.321684 -116.463272 -1.481483
0.48698 -18.827215 -89.597802 -1.481483
-0.005749 -1.043658 -174.131058 -1.481483
0.64930 -18.827215 -89.597802 -1.481483
-0.005749 -1.767703 -271.741877 -1.481483

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FRAME ELEMENT INTERNAL FORCES

ELEM 193 LENGTH
COMB DB-G1-1 MAX
REL DIST P M2 V2 V3
0.35065 4.498175 10.905443 0.195504
0.001396 0.296526 23.251199 0.195504
0.51299 4.498175 10.905443 0.195504
0.001396 0.178965 16.700772 0.195504
0.67533 4.498175 10.905443 0.195504
0.001396 0.061292 10.182998 0.195504
0.83766 4.498175 10.905443 0.195504
0.001396 0.091474 3.638562 0.195504
1.00000 4.498175 10.905443 0.195504
0.001396 0.284552 1.497724 0.195504

COMB DB-G1-1 MIN
REL DIST P M2 V2 V3
0.35065 -2.093106 -32.785181 -0.320686
-0.000362 -0.487475 -77.925644 -0.320686
0.51299 -2.093106 -32.785181 -0.320686
-0.000362 -0.94474 -52.12747 -0.320686
0.67533 -2.093106 -32.785181 -0.320686
-0.000362 -0.101427 -38.639935 -0.320686
0.83766 -2.093106 -32.785181 -0.320686
-0.000362 -0.061363 -19.422975 -0.320686
1.00000 -2.093106 -32.785181 -0.320686
-0.000362 -0.174019 -3.494066 -0.320686

COMB DB-G1-2 MAX
REL DIST P M2 V2 V3
0.35065 10.878144 30.456733 0.333788
0.008438 0.506500 103.831928 0.333788
0.51299 10.878144 30.456733 0.333788
0.008438 0.391516 86.827687 0.333788
0.67533 10.878144 30.456733 0.333788
0.008438 0.104639 88.914864 0.333788
0.83766 10.878144 30.456733 0.333788
0.008438 0.125173 131.595187 0.333788
1.00000 10.878144 30.456733 0.333788
0.008438 0.546448 183.592236 0.333788

COMB DB-G1-2 MIN
REL DIST P M2 V2 V3
0.35065 -3.587429 -136.950867 -0.583975
-0.006925 -0.888213 -154.331085 -0.583975
0.51299 -3.587429 -136.950867 -0.583975
-0.006925 -0.536755 -78.167902 -0.583975
0.67533 -3.587429 -136.950867 -0.583975
-0.006925 -0.185240 -39.411566 -0.583975
0.83766 -3.587429 -136.950867 -0.583975
-0.006925 -0.114079 -8.803516 -0.583975
1.00000 -3.587429 -136.950867 -0.583975
-0.006925 -0.297037 -0.014348 -0.583975

COMB DB-G1-3 MAX
REL DIST P M2 V2 V3
0.35065 11.624393 50.165522 0.469672
0.007371 0.71218 153.123298 0.469672
0.51299 11.624393 50.165522 0.469672
0.007371 0.429653 124.132203 0.469672
0.67533 11.624393 50.165522 0.469672
0.007371 0.146813 111.016949 0.469672
0.83766 11.624393 50.165522 0.469672
0.007371 0.248051 135.242604 0.469672
1.00000 11.624393 50.165522 0.469672
0.007371 0.723141 172.3

0.006998 1.321537 197.202375
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 MIN

REL DIST P M2 V2 V3
0.35065 -8.235601 -146.790678 -1.464421
0.006528 -2.220520 -208.674037
0.51299 -8.235601 -146.790678 -1.464421
0.006528 -1.341550 -122.664092
0.67533 -8.235601 -146.790678 -1.464421
0.006528 -0.463630 -64.573617
0.83766 -8.235601 -146.790678 -1.464421
0.006528 -0.276733 -25.706558
1.00000 -8.235601 -146.790678 -1.464421
0.006528 -0.802245 -0.019125

COMB DL-G2-1 MAX

REL DIST P M2 V2 V3
0.35065 1.589125 61.857616 0.501316
0.000242 0.760440 133.542157
0.51299 1.589125 61.857616 0.501316
0.000242 0.458703 96.651170
0.67533 1.589125 61.857616 0.501316
0.000242 0.157137 60.037620
0.83766 1.589125 61.857616 0.501316
0.000242 0.185308 12.745110
1.00000 1.589125 61.857616 0.501316
0.000242 0.588623 1.345302

COMB DL-G2-1 MIN

REL DIST P M2 V2 V3
0.35065 -8.244578 -4.528854 -0.667914
0.001548 -1.018034 -22.059559
0.51299 -8.244578 -4.528854 -0.667914
0.001548 -0.616000 -19.739991
0.67533 -8.244578 -4.528854 -0.667914
0.001548 -0.213727 -17.716846
0.83766 -8.244578 -4.528854 -0.667914
0.001548 -0.144698 -16.485047
1.00000 -8.244578 -4.528854 -0.667914
0.001548 -0.446345 -26.447504

COMB DL-G2-2 MAX

REL DIST P M2 V2 V3
0.35065 7.395823 79.504957 0.754482
0.006202 1.930169 232.782384
0.51299 7.395823 79.504957 0.754482
0.006202 0.686473 187.424965
0.67533 7.395823 79.504957 0.754482
0.006202 0.230535 159.085586
0.83766 7.395823 79.504957 0.754482
0.006202 0.343177 164.433458
1.00000 7.395823 79.504957 0.754482
0.006202 1.020245 171.527475

COMB DL-G2-2 MIN

REL DIST P M2 V2 V3
0.35065 -10.270251 -95.768250 -1.124566
0.007786 -1.030898 -95.768250 -1.124566
0.51299 -10.270251 -95.768250 -1.124566
0.007786 -0.707786 -121.618684
0.67533 -10.270251 -95.768250 -1.124566
0.007786 -0.357748 -96.877332
0.83766 -10.270251 -95.768250 -1.124566
0.007786 -0.240265 -8.362234
1.00000 -10.270251 -95.768250 -1.124566
0.007786 -0.686536 -1.356939

COMB DL-G2-3 MAX

REL DIST P M2 V2 V3
0.35065 11.548013 92.625804 0.933389
0.006528 1.412449 283.884145 0.933389
0.51299 11.548013 92.625804 0.933389
0.006528 0.851861 230.794513 0.933389
0.67533 11.548013 92.625804 0.933389
0.006528 0.292365 193.494092 0.933389
0.83766 11.548013 92.625804 0.933389
0.006528 0.443489 188.132138 0.933389
1.00000 11.548013 92.625804 0.933389
0.006528 1.334814 202.585275 0.933389
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 MIN

REL DIST P M2 V2 V3
0.35065 -11.224178 -119.453024 -1.480919
0.007786 -2.247032 -208.674037 -1.480919
0.51299 -11.224178 -119.453024 -1.480919
0.007786 -1.357869 -76.936502 -1.480919
0.67533 -11.224178 -119.453024 -1.480919
0.007786 -0.469947 -66.872199 -1.480919
0.83766 -11.224178 -119.453024 -1.480919
0.007786 -0.290552 -33.795098 -1.480919
1.00000 -11.224178 -119.453024 -1.480919
0.007786 -0.843787 -26.447504

COMB DB MAX

REL DIST P M2 V2 V3
0.35065 11.624393 68.875799 0.476792
0.008438 0.724624 207.348289 0.476792
0.51299 11.624393 68.875799 0.476792
0.008438 0.437654 161.024087 0.476792
0.67533 11.624393 68.875799 0.476792
0.008438 0.150616 143.295560 0.476792
0.83766 11.624393 68.875799 0.476792
0.008438 0.248839 193.231554 0.476792
1.00000 11.624393 68.875799 0.476792
0.008438 0.724508 183.592236 0.476792

COMB DB MIN

REL DIST P M2 V2 V3
0.35065 -8.035754 -137.367546 -0.791072
0.007786 -1.205063 -165.269878 -0.791072
0.51299 -8.035754 -137.367546 -0.791072
0.007786 -0.789067 -99.009657 -0.791072
0.67533 -8.035754 -137.367546 -0.791072
0.007786 -0.252821 -41.941587 -0.791072
0.83766 -8.035754 -137.367546 -0.791072
0.007786 -0.107975 -19.429755 -0.791072
1.00000 -8.035754 -137.367546 -0.791072
0.007786 -0.423154 -17.207893 -0.791072

COMB DL MAX

REL DIST P M2 V2 V3
0.35065 14.415200 92.625804 0.933389
0.008117 1.412449 283.884145 0.933389
0.51299 14.415200 92.625804 0.933389
0.008117 0.851861 230.794513 0.933389
0.67533 14.415200 92.625804 0.933389
0.008117 0.292365 193.494092 0.933389
0.83766 14.415200 92.625804 0.933389
0.008117 0.443489 188.132138 0.933389
1.00000 14.415200 92.625804 0.933389

0.008117 1.334814 202.585275
COMB DL MIN

REL DIST P M2 V2 V3
0.35065 -11.224178 -150.245329 -1.480919
0.007786 -2.247032 -208.674037 -1.480919
0.51299 -11.224178 -150.245329 -1.480919
0.007786 -1.357869 -76.936502 -1.480919
0.67533 -11.224178 -150.245329 -1.480919
0.007786 -0.469947 -66.872199 -1.480919
0.83766 -11.224178 -150.245329 -1.480919
0.007786 -0.290552 -33.795098 -1.480919
1.00000 -11.224178 -150.245329 -1.480919
0.007786 -0.843787 -26.447504

COMB CAR MAX

REL DIST P M2 V2 V3
0.35065 14.415200 92.625804 0.933389
0.008438 1.412449 283.884145 0.933389
0.51299 14.415200 92.625804 0.933389
0.008438 0.851861 230.794513 0.933389
0.67533 14.415200 92.625804 0.933389
0.008438 0.292365 193.494092 0.933389
0.83766 14.415200 92.625804 0.933389
0.008438 0.443489 188.132138 0.933389
1.00000 14.415200 92.625804 0.933389
0.008438 1.334814 202.585275 0.933389
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FRAME ELEMENT INTERNAL FORCES

COMB CAR MIN

REL DIST P M2 V2 V3
0.35065 -11.224178 -150.245329 -1.480919
0.007786 -2.247032 -208.674037 -1.480919
0.51299 -11.224178 -150.245329 -1.480919
0.007786 -1.357869 -76.936502 -1.480919
0.67533 -11.224178 -150.245329 -1.480919
0.007786 -0.469947 -66.872199 -1.480919
0.83766 -11.224178 -150.245329 -1.480919
0.007786 -0.290552 -33.795098 -1.480919
1.00000 -11.224178 -150.245329 -1.480919
0.007786 -0.843787 -26.447504

COMB DESIGN MAX

REL DIST P M2 V2 V3
0.35065 14.415200 92.625804 0.933389
0.008438 1.412449 283.884145 0.933389
0.51299 14.415200 92.625804 0.933389
0.008438 0.851861 230.794513 0.933389
0.67533 14.415200 92.625804 0.933389
0.008438 0.292365 193.494092 0.933389
0.83766 14.415200 92.625804 0.933389
0.008438 0.443489 188.132138 0.933389
1.00000 14.415200 92.625804 0.933389
0.008438 1.334814 202.585275 0.933389

COMB DESIGN MIN

REL DIST P M2 V2 V3
0.35065 -11.224178 -150.245329 -1.480919
0.007786 -2.247032 -208.674037 -1.480919
0.51299 -11.224178 -150.245329 -1.480919
0.007786 -1.357869 -76.936502 -1.480919
0.67533 -11.224178 -150.245329 -1.480919
0.007786 -0.469947 -66.872199 -1.480919
0.83766 -11.224178 -150.245329 -1.480919
0.007786 -0.290552 -33.795098 -1.480919
1.00000 -11.224178 -150.245329 -1.480919
0.007786 -0.843787 -26.447504

ELEM 194 LENGTH = 3.706275

COMB DB-G1-1 MAX

REL DIST P M2 V2 V3
0.35065 4.479004 10.687366 0.195801
0.001406 0.173960 1.511445 0.195801
0.16231 4.479004 10.687366 0.195801
0.001406 0.056176 20.695254 0.195801
0.32462 4.479004 10.687366 0.195801
0.001406 0.098920 40.260968 0.195801
0.48693 4.479004 10.687366 0.195801
0.001406 0.283662 59.916163 0.195801
0.64924 4.479004 10.687366 0.195801
0.001406 0.468795 79.587357 0.195801

COMB DB-G1-1 MIN

REL DIST P M2 V2 V3
0.35065 -2.073623 -32.700910 -0.307450
0.000374 -0.271095 -3.498660 -0.307450
0.16231 -2.073623 -32.700910 -0.307450
0.000374 -0.086147 -9.588397 -0.307450
0.32462 -2.073623 -32.700910 -0.307450
0.000374 -0.061605 -15.902503 -0.307450
0.48693 -2.073623 -32.700910 -0.307450
0.000374 -0.179404 -22.776277 -0.307450
0.64924 -2.073623 -32.700910 -0.307450
0.000374 -0.297192 -26.688812 -0.307450

COMB DB-G1-2 MAX

REL DIST P M2 V2 V3
0.00000 5.646482 119.544182 0.333010
0.008168 0.295488 184.098677 0.333010
0.16231 5.646482 119.544182 0.333010
0.008168 0.113008 143.354814 0.333010
0.32462 5.646482 119.544182 0.333010
0.008168 0.182800 107.88852 0.333010
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FRAME ELEMENT INTERNAL FORCES

COMB DB-G1-2 MIN

REL DIST P M2 V2 V3
0.48693 5.646482 119.544182 0.333010
0.008168 0.525502 114.812540 0.333010
0.16231 5.646482 119.544182 0.333010
0.008168 0.868192 142.083973 0.333010

COMB DB-G1-2 MAX

REL DIST P M2 V2 V3
0.00000 -9.036123 -47.677393 -0.569661
0.007314 -0.320566 -47.677393 -0.569661
0.16231 -9.036123 -47.677393 -0.569661
0.007314 -0.189709 -3.720083 -0.569661
0.32462 -9.036123 -47.677393 -0.569661
0.007314 -0.105644 -15.339524 -0.569661
0.48693 -9.036123 -47.677393 -0.569661
0.007314 -0.305492 -43.695223 -0.569661
0.64924 -9.036123 -47.677393 -0.569661
0.007314 -0.505818 -109.251709 -0.569661

COMB DB-G1-3 MAX

REL DIST P M2 V2 V3
0.00000 7.307110 124.101025 0.459907
0.006904 0.408303 173.353029 0.459907
0.16231 7.307110 124.101025 0.459907

0.006904 0.146452 153.334479 0.459907
0.32462 7.307110 124.101025 0.459907
0.006904 0.252002 137.689943 0.459907
0.48693 7.307110 124.101025 0.459907
0.006904 0.262971 158.545842 0.459907
0.64924 7.307110 124.101025 0.459907
0.006904 1.201891 195.646363 0.459907

COMB DB-G1-3 MIN

REL DIST P M2 V2 V3
0.00000 -11.004710 -63.622360 -0.789470
0.006959 -0.722275 -0.015228 -0.789470
0.16231 -11.004710 -63.622360 -0.789470
0.006959 -0.247563 -11.894425 -0.789470
0.32462 -11.004710 -63.622360 -0.789470
0.006959 -0.145338 -36.233606 -0.789470
0.48693 -11.004710 -63.622360 -0.789470
0.006959 -0.421663 -74.633343 -0.789470
0.64924 -11.004710 -63.622360 -0.789470
0.006959 -0.693818 -143.937031 -0.789470

COMB DB-G2-1 MAX

REL DIST P M2 V2 V3
0.00000 1.797224 35.414337 0.236333
0.000341 0.209974 0.936285 0.236333
0.16231 1.797224 35.414337 0.236333
0.000341 0.067743 63.606363 0.236333
0.32462 1.797224 35.414337 0.236333
0.000341 0.105306 2.954930 0.236333
0.48693 1.797224 35.414337 0.236333
0.000341 0.306550 4.364816 0.236333
0.64924 1.797224 35.414337 0.236333
0.000341 0.507723 5.802795 0.236333

COMB DB-G2-1 MIN

REL DIST P M2 V2 V3
0.00000 -4.758638 -2.956066 -0.334419
0.001400 -0.297006 -17.211430 -0.334419
0.16231 -4.758638 -2.956066 -0.334419
0.001400 -0.077430 -0.000948 -0.334419
0.32462 -4.758638 -2.956066 -0.334419
0.001400 -0.074285 -48.656964 -0.334419
0.48693 -4.758638 -2.956066 -0.334419
0.001400 -0.242682 -69.756505 -0.334419
0.64924 -4.758638 -2.956066 -0.334419
0.001400 -0.358709 -91.000119 -0.334419

COMB DB-G2-2 MAX

REL DIST P M2 V2 V3
0.00000 3.288489 133.715616 0.382464
0.006417 0.339450 161.911899 0.382464
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3

0.16231 3.288489 133.715616 0.382464
0.006417 0.261212 176.022313 0.382464
0.32462 3.288489 133.715616 0.382464
0.006417 0.193197 70.443228 0.382464
0.48693 3.288489 133.715616 0.382464
0.006417 0.260138 55.881858 0.382464
0.64924 3.288489 133.715616 0.382464
0.006417 0.927408 79.613431 0.382464

COMB DB-G2-2 MIN

REL DIST P M2 V2 V3
0.00000 -11.363169 -24.986056 -0.610188
0.007992 -0.588355 -0.906631 -0.610188
0.16231 -11.363169 -24.986056 -0.610188
0.007992 -0.201430 -25.482480 -0.610188
0.32462 -11.363169 -24.986056 -0.610188
0.007992 -0.120633 -24.986056 -0.610188
0.48693 -11.363169 -24.986056 -0.610188
0.007992 -0.350736 -89.938207 -0.610188
0.64924 -11.363169 -24.986056 -0.610188
0.007992 -0.580836 -164.462841 -0.610188

COMB DB-G2-3 MAX

REL DIST P M2 V2 V3
0.00000 5.719686 146.537568 0.488365
0.007002 -0.405055 174.784444 0.488365
0.16231 5.719686 146.537568 0.488365
0.007002 0.155793 129.529103 0.488365
0.32462 5.719686

0.008168 1.220742 195.646363
COMB DB ----- MIN
REL DIST P M2 V3
0.00000 -12.805565 -63.622360 -0.802416
-0.007992 -0.735708 -17.211430
0.16231 -12.805055 -63.622360 -0.802416
-0.007992 -0.253185 -28.000948
0.32462 -12.804227 -168.472850
-0.007992 -0.153453 -50.158963
0.48693 -12.805055 -63.622360 -0.802416
-0.007992 -0.447292 -99.465674
0.64924 -12.804227 -168.472850
-0.007992 -0.741093 -181.995971
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L 194
F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL ----- MAX
REL DIST P M2 V3
0.00000 10.633027 157.970403 0.931652
0.008251 0.840001 202.694436
0.16231 10.633027 157.970403 0.931652
0.008251 0.288220 185.472850
0.32462 10.633027 157.970403 0.931652
0.008251 0.474647 186.638254
0.48693 10.633027 157.970403 0.931652
0.008251 1.376165 218.629155
0.64924 10.633027 157.970403 0.931652
0.008251 2.278476 266.032964
COMB DL ----- MIN
REL DIST P M2 V3
0.00000 -15.282567 -83.217998 -1.503942
-0.007942 -1.356962 -26.431059
0.16231 -15.282567 -83.217998 -1.503942
-0.007942 -0.452216 -58.353675
0.32462 -15.282567 -83.217998 -1.503942
-0.007942 -0.293160 -94.820850
0.48693 -15.282567 -83.217998 -1.503942
-0.007942 -0.851441 -146.247047
0.64924 -15.282567 -83.217998 -1.503942
-0.007942 -1.410652 -238.673110
COMB CAR ----- MAX
REL DIST P M2 V3
0.00000 10.633027 157.970403 0.931652
0.008251 0.840001 202.694436
0.16231 10.633027 157.970403 0.931652
0.008251 0.288220 185.472850
0.32462 10.633027 157.970403 0.931652
0.008251 0.474647 186.638254
0.48693 10.633027 157.970403 0.931652
0.008251 1.376165 218.629155
0.64924 10.633027 157.970403 0.931652
0.008251 2.278476 266.032964
COMB CAR ----- MIN
REL DIST P M2 V3
0.00000 -15.282567 -83.217998 -1.503942
-0.007992 -1.356962 -26.431059
0.16231 -15.282567 -83.217998 -1.503942
-0.007992 -0.452216 -58.353675
0.32462 -15.282567 -83.217998 -1.503942
-0.007992 -0.293160 -94.820850
0.48693 -15.282567 -83.217998 -1.503942
-0.007992 -0.851441 -146.247047
0.64924 -15.282567 -83.217998 -1.503942
-0.007992 -1.410652 -238.673110
COMB DESIGN ----- MAX
REL DIST P M2 V3
0.00000 10.633027 157.970403 0.931652
0.008251 0.840001 202.694436
0.16231 10.633027 157.970403 0.931652
0.008251 0.288220 185.472850
0.32462 10.633027 157.970403 0.931652
0.008251 0.474647 186.638254
0.48693 10.633027 157.970403 0.931652
0.008251 1.376165 218.629155
0.64924 10.633027 157.970403 0.931652
0.008251 2.278476 266.032964
COMB DESIGN ----- MIN
REL DIST P M2 V3
0.00000 -15.282567 -83.217998 -1.503942
-0.007992 -1.356962 -26.431059
0.16231 -15.282567 -83.217998 -1.503942
-0.007992 -0.452216 -58.353675
0.32462 -15.282567 -83.217998 -1.503942
-0.007992 -0.293160 -94.820850
0.48693 -15.282567 -83.217998 -1.503942
-0.007992 -0.851441 -146.247047
0.64924 -15.282567 -83.217998 -1.503942
-0.007992 -1.410652 -238.673110
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L 195
F R A M E E L E M E N T I N T E R N A L F O R C E S
ELEM 195 ===== LENGTH
= 3.705836
COMB DB-G1-1 ----- MAX
REL DIST P M2 V3
0.35080 2.173374 30.950619 0.204094
0.001519 0.308641 70.738146
0.51310 2.173374 30.950619 0.204094
0.001519 0.185987 52.139585
0.67540 2.173374 30.950619 0.204094
0.001519 0.063122 33.566204
0.83770 2.173374 30.950619 0.204094
0.001519 0.093999 65.095677
1.00000 2.173374 30.950619 0.204094
0.001519 0.299051 1.552875
COMB DB-G1-1 ----- MIN
REL DIST P M2 V3
0.35080 -5.644610 -23.494535 -0.335863
-2.55E-05 -0.508981 -55.384709
0.51310 -5.644610 -23.494535 -0.335863
-2.55E-05 -0.306982 -41.261120
0.67540 -5.644610 -23.494535 -0.335863
-2.55E-05 -0.104969 -27.191375
0.83770 -5.644610 -23.494535 -0.335863
-2.55E-05 -0.059622 -13.589857
1.00000 -5.644610 -23.494535 -0.335863
-2.55E-05 -0.128276 -4.138613
COMB DB-G1-2 ----- MAX
REL DIST P M2 V3
0.35080 2.173374 30.950619 0.204094
0.001519 0.308641 70.738146
0.51310 2.173374 30.950619 0.204094
0.001519 0.185987 52.139585
0.67540 2.173374 30.950619 0.204094
0.001519 0.063122 33.566204
0.83770 2.173374 30.950619 0.204094
0.001519 0.093999 65.095677
1.00000 2.173374 30.950619 0.204094
0.001519 0.299051 1.552875
COMB DB-G1-2 ----- MIN
REL DIST P M2 V3
0.35080 -5.644610 -23.494535 -0.335863
-2.55E-05 -0.508981 -55.384709
0.51310 -5.644610 -23.494535 -0.335863
-2.55E-05 -0.306982 -41.261120
0.67540 -5.644610 -23.494535 -0.335863
-2.55E-05 -0.104969 -27.191375
0.83770 -5.644610 -23.494535 -0.335863
-2.55E-05 -0.059622 -13.589857
1.00000 -5.644610 -23.494535 -0.335863
-2.55E-05 -0.128276 -4.138613

0.83770 8.508300 53.817116 0.304500
0.008799 0.210737 149.681717
1.00000 8.508300 53.817116
0.008799 0.588973 184.389535
COMB DB-G1-2 ----- MIN
REL DIST P M2 V3
0.35080 -7.613859 -127.531165 -0.628832
0.007109 -0.925067 -131.92912
0.51310 -7.613859 -127.531165 -0.628832
-0.007119 -0.558259 -60.021717
0.67540 -7.613859 -127.531165 -0.628832
0.83770 -7.613859 -127.531165 -0.628832
0.007119 -0.195688 -60.021717
0.83770 -7.613859 -127.531165 -0.628832
-0.007119 -0.101099 -12.060312
1.00000 -7.613859 -127.531165 -0.628832
-0.007119 -0.272373 -0.005647
COMB DB-G1-3 ----- MAX
REL DIST P M2 V3
0.35080 12.063812 64.551090 0.434898
0.007418 0.857398 85.548391
0.51310 12.063812 64.551090 0.434898
0.007418 0.395850 147.883422
0.67540 12.063812 64.551090 0.434898
0.83770 12.063812 64.551090 0.434898
0.007418 0.134100 26.011419
0.83770 12.063812 64.551090 0.434898
0.007418 0.263861 142.859886
1.00000 12.063812 64.551090 0.434898
0.007418 0.766598 174.092938
COMB DB-G1-3 ----- MIN
REL DIST P M2 V3
0.35080 -8.404820 -143.557574 -0.835828
-0.007041 -1.245242 -178.971154
0.51310 -8.404820 -143.557574 -0.835828
-0.007041 -0.751997 -97.840449
0.67540 -8.404820 -143.557574 -0.835828
0.83770 -8.404820 -143.557574 -0.835828
-0.007041 -0.261948 -48.301142
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L 196
F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 V3
0.83770 -8.404820 -143.557574 -0.835828
1.00000 -8.404820 -143.557574 -0.835828
-0.007041 -0.388852 -0.007928
COMB DB-G2-1 ----- MAX
REL DIST P M2 V3
0.35080 5.342038 24.880488 0.232514
1.42E-05 0.351621 55.532578
0.51310 5.342038 24.880488 0.232514
0.006222 0.211774 48.869712
0.67540 5.342038 24.880488 0.232514
1.42E-05 0.071914 25.765341
0.83770 5.342038 24.880488 0.232514
1.42E-05 0.091428 31.033543
1.00000 5.342038 24.880488 0.232514
1.42E-05 0.286304 0.941403
COMB DB-G2-1 ----- MIN
REL DIST P M2 V3
0.35080 -2.187961 -23.620027 -0.323990
-0.001469 -0.493163 -73.504712
0.51310 -2.187961 -23.620027 -0.323990
-0.001469 -0.298331 -50.312827
0.67540 -2.187961 -23.620027 -0.323990
-0.001469 -0.103534 -45.159139
0.83770 -2.187961 -23.620027 -0.323990
-0.001469 -0.067919 -31.033543
1.00000 -2.187961 -23.620027 -0.323990
-0.001469 -0.207768 -17.162570
COMB DB-G2-2 ----- MAX
REL DIST P M2 V3
0.35080 12.638937 38.240799 0.342954
0.006622 0.518376 109.992755
0.51310 12.638937 38.240799 0.342954
0.006622 0.312082 88.500552
0.67540 12.638937 38.240799 0.342954
0.006622 0.105794 85.451701
0.83770 12.638937 38.240799 0.342954
0.006622 0.204445 123.399761
1.00000 12.638937 38.240799 0.342954
0.006622 0.578802 162.952442
COMB DB-G2-2 ----- MIN
REL DIST P M2 V3
0.35080 -3.200568 -134.064633 -0.622571
-0.008446 -0.929143 -162.939994
0.51310 -3.200568 -134.064633 -0.622571
-0.008446 -0.565358 -88.128026
0.67540 -3.200568 -134.064633 -0.622571
-0.008446 -0.196159 -48.869712
0.83770 -3.200568 -134.064633 -0.622571
-0.008446 -0.112242 -24.152943
1.00000 -3.200568 -134.064633 -0.622571
-0.008446 -0.306895 -0.738800
COMB DB-G2-3 ----- MAX
REL DIST P M2 V3
0.35080 12.892105 71.631459 0.444480
0.007078 0.671913 213.097567
0.51310 12.892105 71.631459 0.444480
0.007078 0.404557 171.493824
0.67540 12.892105 71.631459 0.444480
0.83770 12.892105 71.631459 0.444480
0.007078 0.137195 146.969575
1.00000 12.892105 71.631459 0.444480
0.007078 0.264288 160.715136
0.83770 12.892105 71.631459 0.444480
0.007078 0.766805 175.804953
COMB DB-G2-3 ----- MIN
REL DIST P M2 V3
0.35080 -7.628777 -137.789088 -0.835615
-0.007810 -1.244612 -176.292358
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT
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L 197
F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 V3
0.51310 -7.628777 -137.789088 -0.835615
-0.007810 -0.751965 -96.965529
0.67540 -7.628777 -137.789088 -0.835615
-0.007810 -0.262647 -54.857320
0.83770 -7.628777 -137.789088 -0.835615
-0.007810 -0.141086 -24.788535
1.00000 -7.628777 -137.789088 -0.835615
-0.007810 -0.397414 -0.704987
COMB DL-G1-1 ----- MAX
REL DIST P M2 V3
0.35080 11.824427 67.856111 0.740646
0.006477 1.179618 258.916526
0.51310 11.824427 67.856111 0.740646
0.006477 0.709575 212.775028
0.67540 11.824427 67.856111 0.740646
0.83770 11.824427 67.856111 0.740646
0.006477 0.239906 183.021938
0.83770 11.824427 67.856111 0.740646
0.006477 0.446414 184.953432
1.00000 11.824427 67.856111 0.740646
0.006477 1.329677 200.956362
COMB DL-G1-1 ----- MIN
REL DIST P M2 V3
0.35080 -6.437973 -127.095057 -1.045574
-0.006623 -1.562792 -152.224731
0.51310 -6.437973 -127.095057 -1.045574
-0.006623 -0.942515 -78.128700
0.67540 -6.437973 -127.095057 -1.045574
0.83770 -6.437973 -127.095057 -1.045574
-0.006623 -0.325129 -38.522908
1.00000 -6.437973 -127.095057 -1.045574
-0.006623 -0.162036 -16.146448
0.006623 -0.679719 -127.095057 -1.045574
-0.006623 -0.432212 -0.005931
COMB DL-G1-2 ----- MAX
REL DIST P M2 V3
0.35080 11.826162 67.856111 0.740646
0.006477 1.179618 258.916526
0.51310 11.826162 67.856111 0.740646
0.006477 0.709575 212.775028
0.67540 11.826162 67.856111 0.740646
0.83770 11.826162 67.856111 0.740646
0.006477 0.239906 183.021938
0.83770 11.826162 67.856111 0.740646
0.006477 0.446414 184.953432
1.00000 11.826162 67.856111 0.740646
0.006477 1.329677 200.956362
COMB DL-G1-2 ----- MIN
REL DIST P M2 V3
0.35080 -6.437973 -127.095057 -1.045574
-0.006623 -1.562792 -152.224731
0.51310 -6.437973 -127.095057 -1.045574
-0.006623 -0.942515 -78.128700
0.67540 -6.437973 -127.095057 -1.045574
0.83770 -6.437973 -127.095057 -1.045574
-0.006623 -0.325129 -38.522908
1.00000 -6.437973 -127.095057 -1.045574
-0.006623 -0.162036 -16.146448
0.006623 -0.679719 -127.095057 -1.045574
-0.006623 -0.432212 -0.005931
COMB DL-G1-3 ----- MAX
REL DIST P M2 V3
0.35080 11.826162 67.856111 0.740646
0.006477 1.179618 258.916526
0.51310 11.826162 67.856111 0.740646
0.006477 0.709575 212.775028
0.67540 11.826162 67.856111 0.740646
0.83770 11.826162 67.856111 0.740646
0.006477 0.239906 183.021938
0.83770 11.826162 67.856111 0.740646
0.006477 0.446414 184.953432
1.00000 11.826162 67.856111 0.740646
0.006477 1.329677 200.956362
COMB DL-G1-3 ----- MIN
REL DIST P M2 V3
0.35080 -6.437973 -127.095057 -1.045574
-0.006623 -1.562792 -152.224731
0.51310 -6.437973 -127.095057 -1.045574
-0.006623 -0.942515 -78.128700
0.67540 -6.437973 -127.095057 -1.045574
0.83770 -6.437973 -127.095057 -1.045574
-0.006623 -0.325129 -38.522908
1.00000 -6.437973 -127.095057 -1.045574
-0.006623 -0.162036 -16.146448
0.006623 -0.679719 -127.095057 -1.045574
-0.006623 -0.432212 -0.005931
COMB DL-G2-1 ----- MAX
REL DIST P M2 V3
0.35080 12.892105 71.631459 0.444480
0.008799 0.671913 213.097567
0.51310 12.892105 71.631459 0.444480
0.008799 0.404557 171.493824
0.67540 12.892105 71.631459 0.444480
0.83770 12.892105 71.631459 0.444480
0.008799 0.137195 146.969575
1.00000 12.892105 71.631459 0.444480
0.008799 0.264288 160.715136
0.83770 12.892105 71.631459 0.444480
0.008799 0.766805 175.804953
COMB DL-G2-1 ----- MIN
REL DIST P M2 V3
0.35080 -8.039119 -126.917504 -1.471041
-0.007420 -2.213349 -169.740036
0.51310 -8.039119 -126.917504 -1.471041
-0.007420 -1.335253 -96.721638
0.67540 -8.039119 -126.917504 -1.471041
-0.007420 -0.460607 -51.009780
0.83770 -8.039119 -126.917504 -1.471041
-0.007420 -0.249504 -13.062675
1.00000 -8.039119 -126.917504 -1.471041
-0.007420 -0.707957 -0.861005
COMB DL-G2-2 ----- MAX
REL DIST P M2 V3
0.35080 12.892105 71.631459 0.444480
0.008799 0.671913 213.097567
0.51310 12.892105 71.631459 0.444480
0.008799 0.404557 171.493824
0.67540 12.892105 71.631459 0.444480
0.83770 12.892105 71.631459 0.444480
0.008799 0.137195 146.969575
1.00000 12.892105 71.631459 0.444480
0.008799 0.264288 160.715136
0.83770 12.892105 71.631459 0.444480
0.008799 0.766805 175.804953
COMB DL-G2-2 ----- MIN
REL DIST P M2 V3
0.35080 -8.039119 -126.917504 -1.471041
-0.007420 -2.213349 -169.740036
0.51310 -8.039119 -126.917504 -1.471041
-0.007420 -1.335253 -96.721638
0.67540 -8.039119 -126.917504 -1.471041
-0.007420 -0.460607 -51.009780
0.83770 -8.039119 -126.917504 -1.471041
-0.007420 -0.249504 -13.062675
1.00000 -8.039119 -126.917504 -1.471041
-0.007420 -0.707957 -0.861005
COMB DL-G2-3 ----- MAX
REL DIST P M2 V3
0.35080 12.892105 71.631459 0.444480
0.008799 0.671913 213.097567
0.51310 12.892105 71.631459 0.444480
0.008799 0.404557 171.493824
0.67540 12.892105 71.631459 0.444480
0.83770 12.892105 71.631459 0.444480
0.008799 0.137195 146.969575
1.00000 12.892105 71.631459 0.444480
0.008799 0.264288 160.715136
0.83770 12.892105 71.631459 0.444480
0.008799 0.766805 175.804953
COMB DL-G2-3 ----- MIN
REL DIST P M2 V3
0.35080 -8.039119 -126.917504 -1.471041
-0.007420 -2.213349 -169.740036
0.51310 -8.039119 -126.917504 -1.471041
-0.007420 -1.335253 -96.721638
0.67540 -8.039119 -126.917504 -1.471041
-0.007420 -0.460607 -51.009780
0.83770 -8.039119 -126.917504 -1.471041
-0.007420 -

0.48697 2.151062 30.472804 0.203983
0.001526 0.292335 43.218716
0.64930 2.139220 34.218716
0.001526 0.483240 57.267552

COMB DB-G1-1 MIN

REL DIST P M2 M3 V3
T M2 M3
-1.52E-05 -5.595381 -23.351284 -0.317287
0.000000 -0.239417 -17.913699
-1.52E-05 -5.595381 -23.351284 -0.317287
-1.52E-05 -0.089536 -22.231130
0.32465 -5.595381 -23.351284
-1.52E-05 -0.089536 -22.231130
0.48697 -5.595381 -23.351284 -0.317287
-1.52E-05 -0.186173 -58.724939
0.64930 -5.595381 -23.351284 -0.317287
-1.52E-05 -0.308912 -77.043924

COMB DB-G1-2 MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 3.179220 142.353568 0.303128
0.008877 0.270472 184.914960
0.16232 0.317920 142.353568 0.303128
0.008877 0.101116 137.964583
0.32465 3.179220 142.353568 0.303128
0.008877 SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
T M2 M3
0.48697 3.179220 142.353568 0.303128
0.008877 0.541726 96.850792
0.64930 3.179220 142.353568 0.303128
0.008877 0.895825 118.215323

COMB DB-G1-2 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -12.909345 -38.303810 -0.607739
0.007063 -0.567700 0.009133
0.16232 -12.909345 -38.303810 -0.607739
-0.007063 -0.202113 -17.402452
0.32465 -12.909345 -38.303810 -0.607739
0.007063 -0.094228 -42.999258
0.48697 -12.909345 -38.303810 -0.607739
-0.007063 -0.276711 -84.160091
0.64930 -12.909345 -38.303810 -0.607739
-0.007063 -0.459105 -163.281437

COMB DB-G1-3 MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 7.694503 138.072113 0.433804
0.007504 0.387133 174.507127
0.16232 7.694503 138.072113 0.433804
0.007504 0.136835 -87.847252
0.32465 7.694503 138.072113 0.433804
0.007504 0.261626 145.739399
0.48697 7.694503 138.072113 0.433804
0.007504 0.009390 -38.730810
0.64930 7.694503 138.072113 0.433804
0.007504 1.240146 210.918224

COMB DB-G1-3 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -12.813094 -70.091065 -0.831751
-0.006783 -0.762407 -0.011283
0.16232 -12.813094 -70.091065 -0.831751
0.006783 -0.210387 -21.210387
0.32465 -12.813094 -70.091065 -0.831751
-0.006783 -0.134712 -54.136342
0.48697 -12.813094 -70.091065 -0.831751
-0.006783 -0.395916 -100.134261
0.64930 -12.813094 -70.091065 -0.831751
-0.006783 -0.656913 -177.733311

COMB DB-G2-1 MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 5.386521 25.019897 0.232790
2.14E-05 0.207820 0.942962
0.16232 5.386521 25.019897 0.232790
0.32465 0.067746 1.55929
2.14E-05 0.207820 0.942962
0.48697 5.386521 25.019897 0.232790
2.14E-05 0.314532 26.526567
0.64930 5.386521 25.019897 0.232790
2.14E-05 0.521624 40.938266

COMB DB-G2-1 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -2.208721 -23.971913 -0.344189
-0.001522 -0.306781 -17.170247
0.16232 -2.208721 -23.971913 -0.344189
-0.001522 -0.099599 -20.236465
0.32465 -2.208721 -23.971913 -0.344189
-0.001522 -0.023111 -34.712385
0.48697 -2.208721 -23.971913 -0.344189
-0.001522 -0.212396 -49.658797
0.64930 -2.208721 -23.971913 -0.344189
-0.001522 -0.352468 -64.669593

COMB DB-G2-2 MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 7.750270 121.843439 0.342086
0.006633 0.305306 163.451382
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
T M2 M3
0.16232 7.750270 121.843439 0.342086
0.006633 0.111621 132.986686
0.32465 7.750270 121.843439 0.342086
0.006633 0.201363 102.892038
0.48697 7.750270 121.843439 0.342086
0.006633 0.576824 113.459409
0.64930 7.750270 121.843439 0.342086
0.006633 0.955835 142.859576

COMB DB-G2-2 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -8.241353 -51.467029 -0.647886
-0.008289 -0.604270 -0.715039
0.16232 -8.241353 -51.467029 -0.647886
-0.008289 -0.214386 -17.991293
0.32465 -8.241353 -51.467029 -0.647886
-0.008289 -0.106304 -35.362605
0.48697 -8.241353 -51.467029 -0.647886
-0.008289 -0.312159 -67.102378
0.64930 -8.241353 -51.467029 -0.647886
-0.008289 -0.518016 -134.337117

COMB DB-G2-3 MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 3.179220 142.353568 0.303128
0.008877 0.270472 184.914960
0.16232 0.317920 142.353568 0.303128
0.008877 0.101116 137.964583
0.32465 3.179220 142.353568 0.303128
0.008877 SAP2000 Nonlinear Version 7.42
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0.000000 8.314148 148.925561 0.443480
0.007305 0.395776 176.253743
0.16232 8.314148 148.925561 0.443480
0.007305 0.140248 139.894014
0.32465 8.314148 148.925561 0.443480
0.007305 0.264813 118.679808
0.48697 8.314148 148.925561 0.443480
0.007305 0.759707 135.962456
0.64930 8.314148 148.925561 0.443480
0.007305 1.257937 170.921465

COMB DB-G2-3 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -12.270327 -60.689719 -0.844831
-0.007670 -0.776146 -16.68695
0.16232 -12.270327 -60.689719 -0.844831
-0.007670 -0.267765 -16.086231
0.32465 -12.270327 -60.689719 -0.844831
-0.007670 -0.137846 -51.690894
0.48697 -12.270327 -60.689719 -0.844831
-0.007670 -0.404721 -102.536199
0.64930 -12.270327 -60.689719 -0.844831
-0.007670 -0.671585 -186.432437

COMB DL-G1-1 MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 3.285360 27.094112 0.339975
0.001700 0.304136 2.209274
0.16232 3.285360 27.094112 0.339975
0.001700 0.090957 21.564471
0.32465 3.285360 27.094112 0.339975
0.001700 0.191447 41.950490
0.48697 3.285360 27.094112 0.339975
0.001700 0.553951 92.328034
0.64930 3.285360 27.094112 0.339975
0.001700 0.916549 82.733966

COMB DL-G1-1 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -4.590732 -33.994011 -0.602503
-1.47E-05 -0.533775 -4.440418
0.16232 -4.590732 -33.994011 -0.602503
-1.47E-05 -0.171313 -19.755181
0.32465 -4.590732 -33.994011 -0.602503
-1.47E-05 -0.104594 -35.823270
0.48697 -4.590732 -33.994011 -0.602503
-1.47E-05 -0.309143 -52.004319
0.64930 -4.590732 -33.994011 -0.602503
-1.47E-05 -0.513730 -68.253397
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 4.528393 126.047283 0.483330
0.008623 0.442902 201.031261
0.16232 4.528393 126.047283 0.483330
0.008623 0.165921 166.705053
0.32465 4.528393 126.047283 0.483330
0.008623 0.321182 138.647469
0.48697 4.528393 126.047283 0.483330
0.008623 0.922997 146.556378
0.64930 4.528393 126.047283 0.483330
0.008623 1.526347 173.695468

COMB DL-G1-2 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -11.026650 -49.757984 -0.101846
-0.006548 -0.932546 -0.008604
0.16232 -11.026650 -49.757984 -0.101846
-0.006548 -0.320848 -14.696859
0.32465 -11.026650 -49.757984 -0.101846
-0.006548 -0.148810 -36.944259
0.48697 -11.026650 -49.757984 -0.101846
-0.006548 -0.439433 -75.752553
0.64930 -11.026650 -49.757984 -0.101846
-0.006548 -0.750345 -149.080848

COMB DL-G1-3 MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 8.088510 130.453336 0.742138
0.007223 0.671485 196.491684
0.16232 8.088510 130.453336 0.742138
0.007223 0.236179 182.916884
0.32465 8.088510 130.453336 0.742138
0.007223 0.456482 190.318601
0.48697 8.088510 130.453336 0.742138
0.007223 1.323513 208.324454
0.64930 8.088510 130.453336 0.742138
0.007223 2.192680 252.224228

COMB DL-G1-3 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -11.786747 -77.134115 -1.456451
-0.006340 -0.317294 -0.011178
0.16232 -11.786747 -77.134115 -1.456451
-0.006340 -0.441671 -19.338100
0.32465 -11.786747 -77.134115 -1.456451
-0.006340 -0.229958 -52.312020
0.48697 -11.786747 -77.134115 -1.456451
-0.006340 -0.676185 -100.056006
0.64930 -11.786747 -77.134115 -1.456451
-0.006340 -1.122787 -176.288351

COMB DL-G2-1 MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 4.418831 36.921563 0.430318
2.04E-05 0.383647 1.343899
0.16232 4.418831 36.921563 0.430318
2.04E-05 0.124834 7.89214
0.32465 4.418831 36.921563 0.430318
2.04E-05 0.212163 11.590577
0.48697 4.418831 36.921563 0.430318
2.04E-05 0.626114 23.964353
0.64930 4.418831 36.921563 0.430318
2.04E-05 1.039700 36.559684

COMB DL-G2-1 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -3.358324 -21.313354 -0.666716
-0.001652 -0.612176 -26.011224
0.16232 -3.358324 -21.313354 -0.666716
-0.001652 -0.196270 -30.318601
0.32465 -3.358324 -21.313354 -0.666716
-0.001652 -0.134186 -56.093074
0.48697 -3.358324 -21.313354 -0.666716
-0.001652 -0.393024 -77.891415
0.64930 -3.358324 -21.313354 -0.666716
-0.001652 -0.651980 -99.857204
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 8.314148 148.925561 0.443480
0.008877 0.698511 201.031261
0.16232 8.314148 148.925561 0.443480
0.008877 0.244897 182.916884
0.32465 8.314148 148.925561 0.443480
0.008877 0.464435 180.331601
0.48697 8.314148 148.925561 0.443480
0.008877 1.349259 208.324454
0.64930 8.314148 148.925561 0.443480

COMB DL-G2-2 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -8.921123 -46.931332 -1.144838
-0.007871 -0.104575 -0.946130
0.16232 -8.921123 -46.931332 -1.144838
-0.007871 -0.244897 182.916884
0.32465 -8.921123 -46.931332 -1.144838
-0.007871 -0.187956 -51.718154
0.48697 -8.921123 -46.931332 -1.144838
-0.007871 -0.551739 -92.972112
0.64930 -8.921123 -46.931332 -1.144838
-0.007871 -0.915518 -164.676841

0.000000 6.593694 124.010061 0.604548
0.006148 0.548893 171.504898
0.16232 6.593694 124.010061 0.604548
0.006148 0.197723 146.095418
0.32465 6.593694 124.010061 0.604548
0.006148 0.354704 121.099959
0.48697 6.593694 124.010061 0.604548
0.006148 0.103452 129.159553
0.64930 6.593694 124.010061 0.604548
0.006148 1.713703 154.887654

COMB DL-G2-2 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -8.921115 -46.931332 -1.144838
-0.007871 -0.104575 -0.946130
0.16232 -8.921115 -46.931332 -1.144838
-0.007871 -0.244897 182.916884
0.32465 -8.921115 -46.931332 -1.144838
-0.007871 -0.187956 -51.718154
0.48697 -8.921115 -46.931332 -1.144838
-0.007871 -0.551739 -92.972112
0.64930 -8.921115 -46.931332 -1.144838
-0.007871 -0.915518 -164.676841

COMB DL-G2-3 MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 8.002900 145.162987 0.772787
0.006780 0.698511 193.371087
0.16232 8.002900 145.162987 0.772787
0.006780 0.244897 182.916884
0.32465 8.002900 145.162987 0.772787
0.006780 0.464435 151.623533
0.48697 8.002900 145.162987 0.772787
0.006780 1.349259 208.324454
0.64930 8.002900 145.162987 0.772787
0.006780 2.237258 205.193746

COMB DL-G2-3 MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -11.921230 -62.725141 -1.487310
-0.007122 -0.136195 -0.837992
0.16232 -11.921230 -62.725141 -1.487310
-0.007122 -0.452797 -33.909857
0.32465 -11.921230 -62.725141 -1.487310
-0.007122 -0.239666 -62.945813
0.48697 -11.921230 -62.725141 -1.487310
-0.007122 -0.704665 -118.609135
0.64930 -11.921230 -62.725141 -1.487310
-0.007122 -1.169844 -203.558320

COMB DB MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 8.314148 148.925561 0.443480
0.008877 0.395776 176.253743
0.16232 8.314148 148.925561 0.443480
0.008877 0.140248 139.894014
0.32465 8.314148 148.925561 0.443480
0.008877 0.264813 118.679808
0.48697 8.314148 148.925561 0.443480
0.008877 0.759707 135.962456
0.64930 8.314148 148.925561 0.443480
0.008877 1.257937 170.921465

COMB DB MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -12.909345 -70.091065 -0.844831
-0.007289 -0.776146 -16.68695
0.16232 -12.909345 -70.091065 -0.844831
-0.007289 -0.267765 -16.086231
0.32465 -12.909345 -70.091065 -0.844831
-0.007289 -0.137846 -51.690894
0.48697 -12.909345 -70.091065 -0.844831
-0.007289 -0.404721 -102.536199
0.64930 -12.909345 -70.091065 -0.844831
-0.007289 -0.671585 -186.432437
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FRAME ELEMENT INTERNAL FORCES

COMB DL MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 8.088510 145.162987 0.772787
0.006223 0.671485 201.031261
0.16232 8.088510 145.162987 0.772787
0.006223 0.244897 182.916884
0.32465 8.088510 145.162987 0.772787
0.006223 0.464435 180.331601
0.48697 8.088510 145.162987 0.772787
0.006223 1.349259 208.324454
0.64930 8.088510 145.162987 0.772787
0.006223 2.237258 252.224228

COMB DL MIN

REL DIST P M2 M3 V3
T M2 M3
0.000000 -11.921230 -77.134115 -1.487310
-0.007871 -0.136195 -26.011224
0.16232 -11.921230 -77.134115 -1.487310
-0.007871 -0.452797 -36.330048
0.32465 -11.921230 -77.134115 -1.487310
-0.007871 -0.239666 -62.945813
0.48697 -11.921230 -77.134115 -1.487310
-0.007871 -0.704665 -118.609135
0.64930 -11.921230 -77.134115 -1.487310
-0.007871 -1.169844 -203.558320

COMB CAR MAX

REL DIST P M2 M3 V3
T M2 M3
0.000000 8.314148 148.925561 0.772787
0.008877 0.698511 201.031261
0.16232 8.314148 148.925561 0.772787
0

0.006638	0.275154	66.886312			
0.67537	14.695511	25.860711	0.30226		
0.006638	0.093296	71.519566			
0.83768	14.695511	25.860711	0.30226		
0.006638	0.186855	116.881329			
1.00000	14.695511	25.860711	0.30226		
0.006638	0.523586	164.516208			
COMB DB-G2-2 ----- MIN					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	-1.737795	-151.893429	-0.56094		
-0.008307	-0.826452	-204.426315			
0.51305	-1.737795	-151.893429	-0.56094		
-0.008307	-0.491601	-119.157129			
0.67537	-1.737795	-151.893429	-0.56094		
-0.008307	-0.179787	-69.630963			
0.83768	-1.737795	-151.893429	-0.56094		
-0.008307	-0.108742	-34.246282			
1.00000	-1.737795	-151.893429	-0.56094		
-0.008307	-0.273130	-0.675176			
COMB DB-G2-3 ----- MAX					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	14.080668	69.340493	0.41215		
0.007018	0.623320	208.201770			
0.51305	14.080668	69.340493	0.41215		
-0.007018	0.375328	167.986722			
0.67537	14.080668	69.340493	0.41215		
0.007018	0.127367	145.090866			
0.83768	14.080668	69.340493	0.41215		
-0.007018	0.239874	160.311705			
1.00000	14.080668	69.340493	0.41215		
0.007018	0.690654	177.378042			
COMB DB-G2-3 ----- MIN					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	-7.382734	-147.709037	-0.75041		
-0.007686	-1.115327	-200.325489			
Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT			
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F R A M E E L E M E N T I N T E R N A L F O R C E S					
REL DIST	P	V2	V3		
	M2	M3			
0.51305	-7.382734	-147.709037	-0.75041		
-0.007686	-0.666306	-117.289074			
0.67537	-7.382734	-147.709037	-0.75041		
-0.007686	-0.090846	-47.588638			
0.83768	-7.382734	-147.709037	-0.75041		
-0.007686	-0.139393	-31.740185			
1.00000	-7.382734	-147.709037	-0.75041		
-0.007686	-0.371069	-0.638030			
COMB DL-G1-1 ----- MAX					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	1.062212	42.813083	0.29380		
0.001441	0.444352	98.934571			
0.51305	1.062212	42.813083	0.29380		
0.001441	0.267630	73.227793			
0.67537	1.062212	42.813083	0.29380		
0.001441	0.090846	47.588638			
0.83768	1.062212	42.813083	0.29380		
0.001441	0.163387	22.663582			
1.00000	1.062212	42.813083	0.29380		
0.001441	0.502413	2.084088			
COMB DL-G1-1 ----- MIN					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	-6.455896	-17.817476	-0.56364		
-2.26E-05	-0.854035	-42.018963			
0.51305	-6.455896	-17.817476	-0.56364		
-2.26E-05	-0.514961	-31.346381			
0.67537	-6.455896	-17.817476	-0.56364		
-2.26E-05	-0.759808	-70.739874			
0.83768	-6.455896	-17.817476	-0.56364		
-2.26E-05	-0.085134	-10.520814			
1.00000	-6.455896	-17.817476	-0.56364		
-2.26E-05	-0.261917	-5.327941			
COMB DL-G1-2 ----- MAX					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	6.593921	66.744105	0.38433		
0.008204	0.580702	215.412370			
0.51305	6.593921	66.744105	0.38433		
0.008204	0.349655	178.192630			
0.67537	6.593921	66.744105	0.38433		
0.008204	0.182779	160.794800			
0.83768	6.593921	66.744105	0.38433		
0.008204	0.297878	178.791737			
1.00000	6.593921	66.744105	0.38433		
0.008204	0.553760	200.581757			
COMB DL-G1-2 ----- MIN					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	-8.378054	-109.490281	-0.92640		
-0.006647	-0.379757	-10.482119			
0.51305	-8.378054	-109.490281	-0.92640		
-0.006647	-0.826830	-47.189729			
0.67537	-8.378054	-109.490281	-0.92640		
-0.006647	-0.289712	-6.888966			
0.83768	-8.378054	-109.490281	-0.92640		
-0.006647	-0.137654	-7.423886			
1.00000	-8.378054	-109.490281	-0.92640		
-0.006647	-0.356692	-0.003731			
COMB DL-G1-3 ----- MAX					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	10.747779	72.083639	0.60781		
0.006835	0.918426	228.339292			
0.51305	10.747779	72.083639	0.60781		
0.006835	0.590000	187.619532			
0.67537	10.747779	72.083639	0.60781		
0.006835	0.187000	163.040398			
0.83768	10.747779	72.083639	0.60781		
0.006835	0.395278	169.356206			
1.00000	10.747779	72.083639	0.60781		
0.006835	1.167507	196.695100			
Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT			
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F R A M E E L E M E N T I N T E R N A L F O R C E S					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	-8.246792	-135.369657	-1.28666		
-0.006483	-1.932346	-176.379222			
0.51305	-8.246792	-135.369657	-1.28666		
-0.006483	-1.161765	-97.291162			
0.67537	-8.246792	-135.369657	-1.28666		
-0.006483	-0.404370	-47.021885			
0.83768	-8.246792	-135.369657	-1.28666		
-0.006483	-0.198498	-11.462571			
1.00000	-8.246792	-135.369657	-1.28666		
-0.006483	-0.554411	-0.005214			
COMB DL-G2-1 ----- MAX					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	14.695511	72.383757	0.63815		
0.008657	0.964308	242.028971			
0.51305	14.695511	72.383757	0.63815		
0.008657	0.580433	201.337881			
0.67537	14.695511	72.383757	0.63815		
0.008657	0.196141	176.949062			
0.83768	14.695511	72.383757	0.63815		
0.008657	0.396529	182.980026			
1.00000	14.695511	72.383757	0.63815		
0.008657	1.173332	200.581757			
Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT			
< MOVING Page LOAD 1209 >					
F R A M E E L E M E N T I N T E R N A L F O R C E S					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	-8.246792	-135.369657	-1.28666		
-0.006483	-1.932346	-176.379222			
0.51305	-8.246792	-135.369657	-1.28666		
-0.006483	-1.161765	-97.291162			
0.67537	-8.246792	-135.369657	-1.28666		
-0.006483	-0.404370	-47.021885			
0.83768	-8.246792	-135.369657	-1.28666		
-0.006483	-0.198498	-11.462571			
1.00000	-8.246792	-135.369657	-1.28666		
-0.006483	-0.554411	-0.005214			
COMB DL-G2-1 ----- MAX					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	12.890967	72.383757	0.63815		
0.008657	0.964308	242.028971			
0.51305	12.890967	72.383757	0.63815		
0.008657	0.580433	201.337881			
0.67537	12.890967	72.383757	0.63815		
0.008657	0.196141	176.949062			
0.83768	12.890967	72.383757	0.63815		
0.008657	0.396529	182.980026			
1.00000	12.890967	72.383757	0.63815		
0.008657	1.173332	200.581757			
Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT			
< MOVING Page LOAD 1209 >					
F R A M E E L E M E N T I N T E R N A L F O R C E S					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	-8.246792	-135.369657	-1.28666		
-0.006483	-1.932346	-176.379222			
0.51305	-8.246792	-135.369657	-1.28666		
-0.006483	-1.161765	-97.291162			
0.67537	-8.246792	-135.369657	-1.28666		
-0.006483	-0.404370	-47.021885			
0.83768	-8.246792	-135.369657	-1.28666		
-0.006483	-0.198498	-11.462571			
1.00000	-8.246792	-135.369657	-1.28666		
-0.006483	-0.554411	-0.005214			
COMB DL-G2-1 ----- MAX					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	14.695511	72.383757	0.63815		
0.008657	0.964308	242.028971			
0.51305	14.695511	72.383757	0.63815		
0.008657	0.580433	201.337881			
0.67537	14.695511	72.383757	0.63815		
0.008657	0.196141	176.949062			
0.83768	14.695511	72.383757	0.63815		
0.008657	0.396529	182.980026			
1.00000	14.695511	72.383757	0.63815		
0.008657	1.173332	200.581757			
Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT			
< MOVING Page LOAD 1209 >					
F R A M E E L E M E N T I N T E R N A L F O R C E S					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	-8.246792	-135.369657	-1.28666		
-0.006483	-1.932346	-176.379222			
0.51305	-8.246792	-135.369657	-1.28666		
-0.006483	-1.161765	-97.291162			
0.67537	-8.246792	-135.369657	-1.28666		
-0.006483	-0.404370	-47.021885			
0.83768	-8.246792	-135.369657	-1.28666		
-0.006483	-0.198498	-11.462571			
1.00000	-8.246792	-135.369657	-1.28666		
-0.006483	-0.554411	-0.005214			
COMB DL-G2-1 ----- MAX					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	14.695511	72.383757	0.63815		
0.008657	0.964308	242.028971			
0.51305	14.695511	72.383757	0.63815		
0.008657	0.580433	201.337881			
0.67537	14.695511	72.383757	0.63815		
0.008657	0.196141	176.949062			
0.83768	14.695511	72.383757	0.63815		
0.008657	0.396529	182.980026			
1.00000	14.695511	72.383757	0.63815		
0.008657	1.173332	200.581757			
Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1503.OUT			
< MOVING Page LOAD 1209 >					
F R A M E E L E M E N T I N T E R N A L F O R C E S					
REL DIST	P	V2	V3		
	M2	M3			
0.35074	-8.246792	-135.369657	-1.28666		
-0.006483	-1.932346	-176.379222			
0.51305	-8.246792				

0.006991	7.035617	134.800846	0.608971	0.00000	8.676871	143.613753	0.635304	0.83769	12.386392	75.861195	0.407541	0.35077	6.284652	80.765647	0.346635
0.00000	0.553713	196.702554		0.006991	0.577147	200.621403		0.007225	0.182881	148.628858		0.007854	0.521682	249.193480	
0.16231	0.703617	134.800846	0.608971	0.16231	0.703617	143.613753	0.635304	0.00000	12.386392	75.861195	0.407541	0.007854	6.284652	80.765647	0.346635
0.006991	0.197706	182.433681		0.006991	0.205535	182.433681		0.007225	0.512441	176.104952		0.007854	0.314162	203.550624	
0.32463	7.035617	134.800846	0.608971	0.32463	8.676871	143.613753	0.635304	0.006991	0.182881	148.628858		0.007854	6.284652	80.765647	0.346635
0.006991	0.405410	177.953356		0.006991	0.410414	177.953356		0.007225	0.512441	176.104952		0.007854	0.106909	177.404250	
0.48694	7.035617	134.800846	0.608971	0.48694	8.676871	143.613753	0.635304	0.006991	0.182881	148.628858		0.007854	6.284652	80.765647	0.346635
0.006991	0.163504	202.900341		0.006991	0.179717	202.900341		0.007225	0.512441	176.104952		0.007854	0.244039	187.194378	
0.64926	7.035617	134.800846	0.608971	0.64926	8.676871	143.613753	0.635304	0.006991	0.182881	148.628858		0.007854	6.284652	80.765647	0.346635
0.006991	1.934903	243.775372		0.006991	1.962719	243.775372		0.007225	0.512441	176.104952		0.007854	0.687024	199.570974	
COMB DL-G1-3 ----- MIN				COMB DL ----- MIN				COMB DL-G1-2 ----- MIN				COMB DL-G1-1 ----- MIN			
REL DIST	P	M2	V3	REL DIST	P	M2	V3	REL DIST	P	M2	V3	REL DIST	P	M2	V3
0.00000	-11.999493	-72.761410	-1.288070	0.00000	-12.985888	-72.761410	-1.307631	0.00000	-9.776154	-144.246061	-0.554097	0.35077	-9.352545	-99.682836	-0.738497
-0.006209	-1.168072	-0.004070		-0.006209	-1.187132	-25.338964		-0.006209	-1.187132	-25.338964		-0.006209	-1.092726	-87.918330	
0.16231	-11.999493	-72.761410	-1.288070	0.16231	-12.985888	-72.761410	-1.307631	0.16231	-11.999493	-72.761410	-1.288070	0.16231	-9.352545	-99.682836	-0.738497
0.006209	-0.395151	-24.562271		0.006209	-0.402736	-30.256329		0.006209	-0.402736	-30.256329		0.006209	-0.649641	-96.580050	
0.32463	-11.999493	-72.761410	-1.288070	0.32463	-12.985888	-72.761410	-1.307631	0.32463	-11.999493	-72.761410	-1.288070	0.32463	-9.352545	-99.682836	-0.738497
-0.006209	-0.188319	-60.887568		-0.006209	-0.196624	-60.887568		-0.006209	-0.196624	-60.887568		-0.006209	-0.231319	-8.594373	
0.48694	-11.999493	-72.761410	-1.288070	0.48694	-12.985888	-72.761410	-1.307631	0.48694	-11.999493	-72.761410	-1.288070	0.48694	-9.352545	-99.682836	-0.738497
-0.006209	-0.555110	-110.560482		-0.006209	-0.579151	-110.560482		-0.006209	-0.579151	-110.560482		-0.006209	-0.129628	-2.768428	
0.64926	-11.999493	-72.761410	-1.288070	0.64926	-12.985888	-72.761410	-1.307631	0.64926	-11.999493	-72.761410	-1.288070	0.64926	-9.352545	-99.682836	-0.738497
-0.006209	-0.921185	-188.999319		-0.006209	-0.961364	-189.751318		-0.006209	-0.961364	-189.751318		-0.006209	-0.330094	-0.011294	
COMB DL-G2-1 ----- MAX				COMB CAR ----- MAX				COMB DB-G2-1 ----- MAX				COMB DL-G1-3 ----- MAX			
REL DIST	P	M2	V3	REL DIST	P	M2	V3	REL DIST	P	M2	V3	REL DIST	P	M2	V3
0.00000	6.229363	18.756352	0.374504	0.00000	9.809976	157.671658	0.635304	0.00000	9.809976	157.671658	0.635304	0.00000	11.016929	78.192431	0.525471
1.87E-05	0.334114	1.327871		0.000790	0.577147	200.621403		0.000790	0.577147	200.621403		0.006672	0.792252	240.417961	
0.16231	6.229363	18.756352	0.374504	0.16231	9.809976	157.671658	0.635304	0.16231	9.809976	157.671658	0.635304	0.16231	11.016929	78.192431	0.525471
1.87E-05	0.334114	1.327871		0.000790	0.205535	182.433681		0.000790	0.205535	182.433681		0.006672	0.476946	196.117501	
0.32463	6.229363	18.756352	0.374504	0.32463	9.809976	157.671658	0.635304	0.32463	9.809976	157.671658	0.635304	0.32463	11.016929	78.192431	0.525471
1.87E-05	0.187023	28.074471		0.000790	0.410414	177.953356		0.000790	0.410414	177.953356		0.006672	0.161871	168.081347	
0.48694	6.229363	18.756352	0.374504	0.48694	9.809976	157.671658	0.635304	0.48694	9.809976	157.671658	0.635304	0.48694	11.016929	78.192431	0.525471
1.87E-05	0.549898	50.146577		0.000790	0.179717	202.900341		0.000790	0.179717	202.900341		0.006672	0.314455	170.815789	
0.64926	6.229363	18.756352	0.374504	0.64926	9.809976	157.671658	0.635304	0.64926	6.229363	18.756352	0.374504	1.00000	11.016929	78.192431	0.525471
1.87E-05	0.910296	72.523939		0.000790	1.962719	243.775372		0.000790	1.962719	243.775372		0.006672	0.918480	196.080880	
COMB DL-G2-1 ----- MIN				COMB CAR ----- MIN				COMB DB-G2-1 ----- MIN				COMB DL-G1-3 ----- MIN			
REL DIST	P	M2	V3	REL DIST	P	M2	V3	REL DIST	P	M2	V3	REL DIST	P	M2	V3
0.00000	-0.969172	-37.559841	-0.601046	0.00000	-14.762810	-72.761410	-1.307631	0.00000	-9.776154	-144.246061	-0.554097	0.35077	-9.352545	-99.682836	-0.738497
-0.001530	-0.535846	-25.338964		-0.001530	-1.187132	-25.338964		-0.001530	-0.933199	-47.906929	-0.223936	-0.006642	-1.092726	-87.918330	
0.16231	-0.969172	-37.559841	-0.601046	0.16231	-14.762810	-72.761410	-1.307631	0.16231	-0.933199	-47.906929	-0.223936	0.15308	-9.352545	-99.682836	-0.738497
-0.001530	-0.174270	-20.288828		-0.001530	-0.402736	-31.042988		-0.001530	-0.933199	-47.906929	-0.223936	0.15308	-0.649641	-96.580050	
0.32463	-0.969172	-37.559841	-0.601046	0.32463	-14.762810	-72.761410	-1.307631	0.32463	-0.933199	-47.906929	-0.223936	0.67538	-9.352545	-99.682836	-0.738497
-0.001530	-0.116428	-30.304376		-0.001530	-0.196624	-63.825200		0.67538	-0.933199	-47.906929	-0.223936	0.67538	-9.352545	-99.682836	-0.738497
0.48694	-0.969172	-37.559841	-0.601046	0.48694	-14.762810	-72.761410	-1.307631	0.48694	-0.933199	-47.906929	-0.223936	-0.006642	-0.231319	-8.594373	
-0.001530	-0.341573	-41.211676		-0.001530	-0.579151	-113.485139		0.67538	-0.933199	-47.906929	-0.223936	0.83769	-9.352545	-99.682836	-0.738497
0.64926	-0.969172	-37.559841	-0.601046	0.64926	-14.762810	-72.761410	-1.307631	0.83769	-0.933199	-47.906929	-0.223936	0.83769	-0.649641	-96.580050	
-0.001530	-0.566933	-52.317555		-0.001530	-0.961364	-199.626866		1.00000	-0.933199	-47.906929	-0.223936	1.00000	-9.352545	-99.682836	-0.738497
Program	SAP2000	Nonlinear	Version 7.42	Program	SAP2000	Nonlinear	Version 7.42	Program	SAP2000	Nonlinear	Version 7.42	Program	SAP2000	Nonlinear	Version 7.42
File:상행S11-S1503.OUT				File:상행S11-S1503.OUT				File:상행S11-S1503.OUT				File:상행S11-S1503.OUT			
< MOVING Page LOAD 1215 >				< MOVING Page LOAD 1217 >				< MOVING Page LOAD 1219 >				< MOVING Page LOAD 1221 >			
F R A M E E L E M E N T I N T E R N A L F O R C E S															
COMB DL-G2-2 ----- MAX				COMB DL-G2-1 ----- MAX				COMB DL-G2-0 ----- MAX				COMB DL-G1-3 ----- MAX			
REL DIST	P	M2	V3	REL DIST	P	M2	V3	REL DIST	P	M2	V3	REL DIST	P	M2	V3
0.00000	8.676871	143.613753	0.487902	0.00000	8.676871	143.613753	0.487902	0.00000	8.676871	143.613753	0.487902	0.00000	8.676871	143.613753	0.487902
0.006158	0.446826	172.880823		0.006158	0.446826	172.880823		0.006158	0.446826	172.880823		0.006158	0.446826	172.880823	
0.16231	8.676871	143.613753	0.487902	0.16231	8.676871	143.613753	0.487902	0.16231	8.676871	143.613753	0.487902	0.16231	8.676871	143.613753	0.487902
0.006158	0.184910	159.376882		0.006158	0.184910	159.376882		0.006158	0.184910	159.376882		0.006158	0.184910	159.376882	
0.32463	8.676871	143.613753	0.487902	0.32463	8.676871	143.613753	0.487902	0.32463	8.676871	143.613753	0.487902	0.32463	8.676871	143.613753	0.487902
0.006158	0.310221	146.230334		0.006158	0.310221	146.230334		0.006158	0.310221	146.230334		0.006158	0.310221	146.230334	
0.48694	8.676871	143.613753													

0.35077	15.256810	79.266893	0.408616	Program	SAP2000	Nonlinear	Version	7.42	0.00000	0.824938	54.788751	0.279463	0.00000	9.235977	133.987022	0.543503			
0.008410	0.160851	219.952089		File:상행S11-S1503.OUT					0.001115	0.248927	2.097297		0.006415	0.501591	193.845724				
0.01308	15.256810	79.266893	0.408616						0.001115	0.824938	54.788751	0.279463	0.006415	0.501591	193.845724	0.543503			
0.008410	0.372270	174.014072							0.001115	0.080916	7.193918		0.006415	0.181572	169.220354				
0.67538	15.256810	79.266893	0.408616	<	MOVING	Page	LOAD	>	0.32466	0.824938	54.788751	0.279463	0.32466	9.235977	133.987022	0.543503			
0.008410	0.126430	148.015867							0.001115	0.144321	12.482262		0.006415	0.319720	165.891549				
0.83769	15.256810	79.266893	0.408616						0.48699	0.824938	54.788751	0.279463	0.48699	9.235977	133.987022	0.543503			
0.008410	0.186050	165.950927							0.001115	0.421272	17.799307		0.006415	0.908401	193.773643				
1.00000	15.256810	79.266893	0.408616						0.64933	0.824938	54.788751	0.279463	0.64933	9.235977	133.987022	0.543503			
0.008410	0.517244	185.539293							0.001115	0.697934	23.144679		0.006415	1.519224	238.597884				
COMB	DB	-----	MIN						COMB	DL-G1-1	-----	MIN							
REL DIST	P	M2	V2	V3					REL DIST	P	M2	V2	V3						
	T	M3	M3							T	M3	M3							
0.35077	-10.98692	-163.159314	-0.556099						0.00000	-7.259631	-8.920452	-0.459522	0.00000	-10.796278	-79.457192	-1.015860			
-0.008026	-0.821523	-230.647306							-9.33E-06	-0.407921	-6.197676		-0.006771	-0.928826	-0.488281				
0.51308	-10.98692	-163.159314	-0.556099						0.16233	-7.259631	-8.920452	-0.459522	0.16233	-10.796278	-79.457192	-1.015860			
-0.008026	-0.487008	-138.973583							-9.33E-06	-0.130987	-38.962422		-0.006771	-0.919230	-10.445972				
0.67538	-10.98692	-163.159314	-0.556099						0.32466	-7.259631	-8.920452	-0.459522	0.32466	-10.796278	-79.457192	-1.015860			
-0.008026	-0.179718	-83.025904							-9.33E-06	-0.066730	-71.843811		-0.006771	-0.168289	-43.695839				
0.83769	-10.98692	-163.159314	-0.556099						0.48699	-7.259631	-8.920452	-0.459522	0.48699	-10.796278	-79.457192	-1.015860			
-0.008026	-0.142872	-45.734396							-9.33E-06	-0.254706	-104.742627		-0.006771	-0.494528	-91.617271				
1.00000	-10.98692	-163.159314	-0.556099						0.64933	-7.259631	-8.920452	-0.459522	0.64933	-10.796278	-79.457192	-1.015860			
-0.008026	-0.300789	-17.063389							-9.33E-06	-0.422854	-137.682608		-0.006771	-0.820798	-169.597612				
COMB	DL	-----	MAX						Program	SAP2000	Nonlinear	Version	7.42						
REL DIST	P	M2	V2	V3					File:상행S11-S1503.OUT				COMB	DB	-----	MAX			
	T	M3	M3											P	M2	V2			
0.35077	13.859560	80.765647	0.544069										0.00000	10.410528	167.581966	0.409066			
0.007854	0.820451	249.193480											0.008504	0.379824	186.004971				
0.51308	13.859560	80.765647	0.544069										0.16233	10.410528	167.581966	0.409066			
0.007854	0.493987	203.506224											0.008504	0.142138	159.587562				
0.67538	13.859560	80.765647	0.544069										0.32466	10.410528	167.581966	0.409066			
0.007854	0.167463	177.404250											0.008504	0.181053	147.978404				
0.83769	13.859560	80.765647	0.544069										0.48699	10.410528	167.581966	0.409066			
0.007854	0.315302	187.194378											0.008504	0.493244	172.338090				
1.00000	13.859560	80.765647	0.544069										0.64933	10.410528	167.581966	0.409066			
0.007854	0.918480	199.570974											0.008504	0.833132	215.505656				
COMB	DL	-----	MIN										COMB	DB	-----	MIN			
REL DIST	P	M2	V2	V3									REL DIST	P	M2	V2			
	T	M3	M3											T	M3	M3			
0.35077	-9.352545	-153.261485	-1.006292						0.00000	1.690594	157.226118	0.346655	0.00000	-15.339533	-80.757504	-0.565175			
-0.007433	-1.505347	-231.167165							0.007961	0.228920	199.584545	0.346655	-0.007920	-0.528093	-71.103359				
0.51308	-9.352545	-153.261485	-1.006292						0.16233	1.690594	157.226118	0.346655	0.16233	-15.339533	-80.757504	-0.565175			
0.007433	-0.900493	-141.304869							0.007961	0.228920	199.584545	0.346655	-0.007920	-0.188787	-37.026684				
0.67538	-9.352545	-153.261485	-1.006292						0.32466	1.690594	157.226118	0.346655	0.32466	-15.339533	-80.757504	-0.565175			
-0.007433	-0.181328	-84.038235							0.48699	1.690594	157.226118	0.346655	-0.007920	-0.127083	-74.543892				
0.83769	-9.352545	-153.261485	-1.006292						0.007961	0.228920	199.584545	0.346655	0.48699	-15.339533	-80.757504	-0.565175			
-0.007433	-0.182602	-52.420861							0.64933	1.690594	157.226118	0.346655	-0.007920	-0.373300	-129.985974				
0.007433	-9.352545	-153.261485	-1.006292						0.007961	0.228920	199.584545	0.346655	0.64933	-15.339533	-80.757504	-0.565175			
-0.007433	-0.503457	-24.785810							-0.006606	-0.420075	-5.152432		-0.007920	-0.619449	-223.502680				
COMB	CAR	-----	MAX						0.32466	-13.914785	-22.343458	-0.733128	Program	SAP2000	Nonlinear	Version	7.42		
REL DIST	P	M2	V2	V3					0.16233	-13.914785	-22.343458	-0.733128	File:상행S11-S1503.OUT						
	T	M3	M3						0.32466	-13.914785	-22.343458	-0.733128		<	MOVING	Page	LOAD	>	
0.35077	15.256810	80.765647	0.544069						0.48699	-13.914785	-22.343458	-0.733128							
0.008410	0.493987	203.506224							-0.006606	-0.107445	-73.574450								
0.008410	0.167463	177.404250							0.48699	-13.914785	-22.343458	-0.733128							
0.83769	15.256810	80.765647	0.544069						-0.006606	-0.107445	-73.574450								
0.008410	0.315302	187.194378							0.64933	-13.914785	-22.343458	-0.733128							
1.00000	15.256810	80.765647	0.544069						0.006606	-0.107445	-73.574450								
0.008410	0.918480	199.570974							0.64933	-13.914785	-22.343458	-0.733128							
Program	SAP2000	Nonlinear	Version	7.42					0.006606	-0.107445	-73.574450								
File:상행S11-S1503.OUT									0.006606	-0.107445	-73.574450								
<	MOVING	Page	LOAD	>					0.006606	-0.107445	-73.574450								
		1222							0.006606	-0.107445	-73.574450								
F R A M E E L E M E N T I N T E R N A L F O R C E S									0.006606	-0.107445	-73.574450								
COMB	CAR	-----	MIN						0.006606	-0.107445	-73.574450								
REL DIST	P	M2	V2	V3					0.006606	-0.107445	-73.574450								
	T	M3	M3						0.006606	-0.107445	-73.574450								
0.35077	-10.98692	-163.159314	-1.006292						0.006606	-0.107445	-73.574450								
-0.008026	-1.505347	-231.167165							0.006606	-0.107445	-73.574450								
0.51308	-10.98692	-163.159314	-1.006292						0.006606	-0.107445	-73.574450								
-0.008026	-0.900493	-141.304869							0.006606	-0.107445	-73.574450								
0.67538	-10.98692	-163.159314	-1.006292						0.006606	-0.107445	-73.574450								
-0.008026	-0.181328	-84.038235							0.006606	-0.107445	-73.574450								
0.83769	-10.98692	-163.159314	-1.006292						0.006606	-0.107445	-73.574450								
-0.008026	-0.182602	-52.420861							0.006606	-0.107445	-73.574450								
1.00000	-10.98692	-163.159314	-1.006292						0.006606	-0.107445	-73.574450								
-0.008026	-0.503457	-24.785810							0.006606	-0.107445	-73.574450								
COMB	DESIGN	-----	MAX						0.006606	-0.107445	-73.574450								
REL DIST	P	M2	V2	V3					0.006606	-0.107445	-73.574450								
	T	M3	M3						0.006606	-0.107445	-73.574450								
0.35077	15.256810	80.765647	0.544069						0.006606	-0.107445	-73.574450								
0.008410	0.493987	203.506224							0.006606	-0.107445	-73.574450								
0.008410	0.167463	177.404250							0.006606	-0.107445	-73.574450								
0.83769	15.256810	80.765647	0.544069						0.006606	-0.107445	-73.574450								
0.008																			

REL DIST	P	M2	V2	V3	0.00701	0.380282	165.644271	0.35070	13.518414	14.287046	0.392091	0.35070	15.092052	88.939269	0.561136
0.35070	0.886329	58.715447	0.225123	0.67535	14.303754	66.811781	0.421552	0.006500	0.576426	74.701994	0.008062	0.008062	0.003351	188.194391	0.561136
0.51302	0.886329	58.715447	0.225123	0.51302	0.328900	144.027404	0.421552	0.51302	13.518414	14.287046	0.392091	0.51302	15.092052	88.939269	0.561136
0.000884	0.202636	100.770564	0.225123	0.000884	0.886329	58.715447	0.225123	0.000884	0.345477	68.790610	0.392091	0.000884	0.500252	217.704580	0.561136
0.67535	0.886329	58.715447	0.225123	0.67535	0.069044	65.483277	0.225123	0.67535	13.518414	14.287046	0.392091	0.67535	15.092052	88.939269	0.561136
0.87678	0.886329	58.715447	0.225123	0.87678	0.886329	58.715447	0.225123	0.87678	0.122777	80.809982	0.392091	0.87678	0.174506	186.699393	0.561136
0.000884	0.069184	30.312783	0.225123	0.000884	0.886329	58.715447	0.225123	0.000884	0.181602	125.509515	0.392091	0.000884	0.253079	191.615882	0.561136
1.00000	0.886329	58.715447	0.225123	1.00000	0.886329	58.715447	0.225123	1.00000	0.503550	173.329749	0.392091	1.00000	15.092052	88.939269	0.561136
0.000884	0.202636	1.433279	0.225123	0.000884	0.202636	1.433279	0.225123	0.000884	0.503550	173.329749	0.392091	0.000884	0.729768	198.509490	0.561136
COMB DB-G1-1	MIN			COMB DB-G1-1	MIN			COMB DB-G1-1	MIN			COMB DB-G1-1	MIN		
REL DIST	P	M2	V2	V3	0.35070	-7.529868	-157.256164	0.35070	-1.500040	-162.538284	-0.535293	0.35070	-9.974956	-169.626653	-0.791019
0.35070	-7.772137	-3.995338	-0.226763	0.35070	-7.772137	-3.995338	-0.226763	0.35070	-7.772137	-3.995338	-0.535293	0.35070	-7.772137	-3.995338	-0.791019
0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.535293	0.000379	-7.772137	-3.995338	-0.791019
0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.535293	0.000379	-7.772137	-3.995338	-0.791019
0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.535293	0.000379	-7.772137	-3.995338	-0.791019
0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.535293	0.000379	-7.772137	-3.995338	-0.791019
0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.535293	0.000379	-7.772137	-3.995338	-0.791019
0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.535293	0.000379	-7.772137	-3.995338	-0.791019
0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.535293	0.000379	-7.772137	-3.995338	-0.791019
0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.226763	0.000379	-7.772137	-3.995338	-0.535293	0.000379	-7.772137	-3.995338	-0.791019

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FRAME ELEMENT INTERNAL FORCES				
REL DIST	P	M2	V2	V3
0.16233	10.257410	96.391583	0.299968	
0.007085	0.115916	158.095727		
0.32465	10.257410	96.391583	0.299968	
0.007085	0.100225	143.905926		
0.48698	10.257410	96.391583	0.299968	
0.007085	0.284730	181.475930		
0.64930	10.257410	96.391583	0.299968	
0.007085	0.489653	232.298573		
COMB DB-G2-2 MIN				
REL DIST	P	M2	V2	V3
0.00000	-6.565357	-87.147959		-0.341014
-0.007607	-0.333292	-0.325991		
0.16233	-6.565357	-87.147959		-0.341014
-0.007607	-0.128007	-2.291519		
0.32465	-6.565357	-87.147959		-0.341014
-0.007607	-0.492310	-4.925472		
0.48698	-6.565357	-87.147959		-0.341014
-0.007607	-0.270792	-19.615865		
0.64930	-6.565357	-87.147959		-0.341014
-0.007607	-0.449419	-70.484525		
COMB DB-G2-3 MAX				
REL DIST	P	M2	V2	V3
0.00000	9.806374	143.905926	0.421111	
0.007293	0.401983	179.907864		
0.16233	9.806374	143.905926	0.421111	
0.007293	0.149138	153.168356		
0.32465	9.806374	143.905926	0.421111	
0.007293	0.146137	142.571353		
0.48698	9.806374	143.905926	0.421111	
0.007293	0.395200	171.398908		
0.64930	9.806374	143.905926	0.421111	
0.007293	0.671854	218.064276		
COMB DB-G2-3 MIN				
REL DIST	P	M2	V2	V3
0.00000	-12.088535	-80.346331	-0.460112	
-0.007415	-0.437555	-0.310933		
0.16233	-12.088535	-80.346331	-0.460112	
-0.007415	-0.160640	-10.500765		
0.32465	-12.088535	-80.346331	-0.460112	
-0.007415	-0.133515	-44.899368		
0.48698	-12.088535	-80.346331	-0.460112	
-0.007415	-0.381562	-91.688643		
0.64930	-12.088535	-80.346331	-0.460112	
-0.007415	-0.633188	-171.627071		
COMB DL-G1-1 MAX				
REL DIST	P	M2	V2	V3
0.00000	0.782235	62.255643	0.304526	
0.000764	0.270899	2.008985		
0.16233	0.782235	62.255643	0.304526	
0.000764	0.087894	1.595577		
0.32465	0.782235	62.255643	0.304526	
0.000764	0.125856	7.270669		
0.48698	0.782235	62.255643	0.304526	
0.000764	0.366536	10.001720		
0.64930	0.782235	62.255643	0.304526	
0.000764	0.606953	17.229583		
COMB DL-G1-1 MIN				
REL DIST	P	M2	V2	V3
0.00000	-7.006427	-4.581427	-0.399491	
-0.000277	-0.354480	-8.683325		
0.16233	-7.006427	-4.581427	-0.399491	
-0.000277	-0.113698	-44.000259		
0.32465	-7.006427	-4.581427	-0.399491	
-0.000277	-0.094911	-40.02792		
0.48698	-7.006427	-4.581427	-0.399491	
-0.000277	-0.277996	-118.817344		
0.64930	-7.006427	-4.581427	-0.399491	
-0.000277	-0.461233	-158.251245		
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FRAME ELEMENT INTERNAL FORCES				
REL DIST	P	M2	V2	V3
0.00000	1.644939	165.552457	0.402843	
0.007553	0.389716	198.503813		
0.16233	1.644939	165.552457	0.402843	
0.007553	0.147887	143.048893		
0.32465	1.644939	165.552457	0.402843	
0.007553	0.190213	95.678820		
0.48698	1.644939	165.552457	0.402843	
0.007553	0.520520	83.708026		
0.64930	1.644939	165.552457	0.402843	
0.007553	0.882475	91.191589		
COMB DL-G1-2 MIN				
REL DIST	P	M2	V2	V3
0.00000	-13.641606	-17.528178	-0.601680	
0.006973	-0.015618	-0.015618		
0.16233	-13.641606	-17.528178	-0.601680	
-0.006973	-0.204045	-37.497781		
0.32465	-13.641606	-17.528178	-0.601680	
-0.006973	-0.126350	-93.664330		
0.48698	-13.641606	-17.528178	-0.601680	
-0.006973	-0.354722	-144.780169		
0.64930	-13.641606	-17.528178	-0.601680	
-0.006973	-0.592097	-241.654460		
COMB DL-G1-3 MAX				
REL DIST	P	M2	V2	V3
0.00000	7.125224	144.864708	0.559550	
0.006418	0.523936	195.318460		
0.16233	7.125224	144.864708	0.559550	
0.006418	0.187825	183.182976		
0.32465	7.125224	144.864708	0.559550	
0.006418	0.240643	170.39812		
0.48698	7.125224	144.864708	0.559550	
0.006418	0.701565	205.010381		
0.64930	7.125224	144.864708	0.559550	
0.006418	1.179609	246.644721		
COMB DL-G1-3 MIN				
REL DIST	P	M2	V2	V3
0.00000	-12.440033	-73.533805	-0.794307	
0.006177	-0.732942	-0.011528		
0.16233	-12.440033	-73.533805	-0.794307	
-0.006177	-0.254261	-33.378724		
0.32465	-12.440033	-73.533805	-0.794307	
-0.006177	-0.175117	-75.913988		
0.48698	-12.440033	-73.533805	-0.794307	
-0.006177	-0.500186	-131.287012		
0.64930	-12.440033	-73.533805	-0.794307	
-0.006177	-0.832763	-216.087601		
COMB DL-G2-1 MAX				
REL DIST	P	M2	V2	V3
0.00000	9.349826	85.805305	0.400800	
0.006497	0.386835	173.305654		
0.16233	9.349826	85.805305	0.400800	
0.006497	0.145998	174.936202		
0.32465	9.349826	85.805305	0.400800	
0.006497	0.172450	176.827739		
0.48698	9.349826	85.805305	0.400800	
0.006497	0.476631	211.319082		
0.64930	9.349826	85.805305	0.400800	
0.006497	0.810835	263.769727		
COMB DL-G2-2 MIN				
REL DIST	P	M2	V2	V3
0.00000	-5.768925	-91.778665	-0.554366	
-0.006961	-0.523944	-0.423156		
0.16233	-5.768925	-91.778665	-0.554366	
-0.006961	-0.193614	-21.317688		
0.32465	-5.768925	-91.778665	-0.554366	
-0.006961	-0.125590	-5.226547		
0.48698	-5.768925	-91.778665	-0.554366	
-0.006961	-0.351355	-17.789142		
0.64930	-5.768925	-91.778665	-0.554366	
-0.006961	-0.590252	-70.546883		
COMB DL-G2-3 MAX				
REL DIST	P	M2	V2	V3
0.00000	8.930652	133.513768	0.561269	
0.006494	0.526507	193.441442		
0.16233	8.930652	133.513768	0.561269	
0.006494	0.195979	171.155682		
0.32465	8.930652	133.513768	0.561269	
0.006494	0.243135	170.834874		
0.48698	8.930652	133.513768	0.561269	
0.006494	0.595148	201.939870		
0.64930	8.930652	133.513768	0.561269	
0.006494	1.154048	249.765889		
COMB DL-G2-3 MIN				
REL DIST	P	M2	V2	V3
0.00000	-10.622943	-84.909181	-0.778406	
-0.006591	-0.719883	-0.375048		
0.16233	-10.622943	-84.909181	-0.778406	
-0.006591	-0.251552	-8.659765		
0.32465	-10.622943	-84.909181	-0.778406	
-0.006591	-0.175839	-41.618241		
0.48698	-10.622943	-84.909181	-0.778406	
-0.006591	-0.501243	-88.896570		
0.64930	-10.622943	-84.909181	-0.778406	
-0.006591	-0.834855	-166.561894		
COMB DB-G1-1 MAX				
REL DIST	P	M2	V2	V3
0.00000	10.257410	173.372875	0.561269	
0.008153	0.1027410	97.372875		
0.32465	10.257410	173.372875	0.561269	
0.008153	0.198579	183.182976		
0.32465	10.257410	173.372875	0.561269	
0.008153	0.248643	179.398312		
0.48698	10.257410	173.372875	0.561269	
0.008153	0.701565	211.319082		
0.64930	10.257410	173.372875	0.561269	
0.008153	1.179609	263.769727		
COMB DB-G1-1 MIN				
REL DIST	P	M2	V2	V3
0.00000	-15.210655	-91.778665	-0.794307	
-0.007607	-0.732942	-24.201753		
0.16233	-15.210655	-91.778665	-0.794307	
-0.007607	-0.254261	-44.000259		
0.32465	-15.210655	-91.778665	-0.794307	
-0.007607	-0.175839	-83.664330		
0.48698	-15.210655	-91.778665	-0.794307	
-0.007607	-0.501243	-144.780169		
0.64930	-15.210655	-91.778665	-0.794307	
-0.007607	-0.834855	-241.654460		
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FRAME ELEMENT INTERNAL FORCES				
REL DIST	P	M2	V2	V3
0.00000	10.257410	173.372875	0.561269	
0.008153	0.526507	198.503813		
0.16233	10.257410	173.372875	0.561269	
0.008153	0.198579	183.182976		
0.32465	10.257410	173.372875	0.561269	
0.008153	0.248643	179.398312		
0.48698	10.257410	173.372875	0.561269	
0.008153	0.701565	211.319082		
0.64930	10.257410	173.372875	0.561269	
0.008153	1.179609	263.769727		
COMB DB-G1-1 MIN				
REL DIST	P	M2	V2	V3
0.00000	-15.210655	-91.778665	-0.794307	
-0.007607	-0.732942	-24.201753		
0.16233	-15.210655	-91.778665	-0.794307	
-0.007607	-0.254261	-44.000259		
0.32465	-15.210655	-91.778665	-0.794307	
-0.007607	-0.175839	-83.664330		
0.48698	-15.210655	-91.778665	-0.794307	
-0.007607	-0.501243	-144.780169		
0.64930	-15.210655	-91.778665	-0.794307	
-0.007607	-0.834855	-241.654460		
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0.35071 10.435019 84.080601 0.784914
0.006354 1.161755 253.405439
0.51303 0.51303 0.690368 205.73515 0.784914
0.006354 0.690368 205.73515 0.784914
0.67536 10.435019 84.080601 0.784914
0.006354 0.244068 173.917272 0.784914
0.83768 10.435019 84.080601 0.784914
0.006354 0.234060 173.922370 0.784914
1.00000 10.435019 84.080601 0.784914
0.006354 0.665865 194.430753
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COMB DL-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.35071 -8.393457 -136.095241 -0.716529
0.006381 -1.060425 -174.275465 -0.716529
0.51303 -8.393457 -136.095241 -0.716529
0.006381 -0.650780 -94.913538 -0.716529
0.67536 -8.393457 -136.095241 -0.716529
0.006381 -0.223236 -45.463662 -0.716529
0.83768 -8.393457 -136.095241 -0.716529
0.006381 -0.254417 -9.742177 -0.716529
1.00000 -8.393457 -136.095241 -0.716529
0.006381 -0.726217 -23.666607 -0.716529

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.35071 6.487830 2.090811 0.360386
0.000570 0.545427 0.253246 0.360386
0.51303 6.487830 2.090811 0.360386
0.000570 0.328626 3.144761 0.360386
0.67536 6.487830 2.090811 0.360386
0.000570 0.112216 2.425384 0.360386
0.83768 6.487830 2.090811 0.360386
0.000570 0.086980 1.857833 0.360386
1.00000 6.487830 2.090811 0.360386
0.000570 0.268475 1.293786 0.360386

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.35071 -0.581360 -61.482848 -0.301830
0.000383 -0.458572 -169.736436 -0.301830
0.51303 -0.581360 -61.482848 -0.301830
0.000383 -0.000383 -0.000383 -0.301830
0.67536 -0.581360 -61.482848 -0.301830
0.000383 -0.094906 -96.396416 -0.301830
0.83768 -0.581360 -61.482848 -0.301830
0.000383 -0.105745 -60.049746 -0.301830
1.00000 -0.581360 -61.482848 -0.301830
0.000383 -0.322160 -23.666607 -0.301830

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.35071 13.194866 11.666026 0.557901
0.006848 8.15513 67.940403 0.557901
0.51303 13.194866 11.666026 0.557901
0.006848 0.481063 63.648258 0.557901
0.67536 13.194866 11.666026 0.557901
0.006848 0.173967 77.258466 0.557901
0.83768 13.194866 11.666026 0.557901
0.006848 0.160430 123.56108 0.557901
1.00000 13.194866 11.666026 0.557901
0.006848 0.434950 172.995103 0.557901

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.35071 -1.302162 -166.341551 -0.456338
0.006665 -0.688424 -260.848558 -0.456338
0.51303 -1.302162 -166.341551 -0.456338
0.006665 -0.414528 -163.237483 -0.456338
0.67536 -1.302162 -166.341551 -0.456338
0.006665 -0.144344 -99.038739 -0.456338
0.83768 -1.302162 -166.341551 -0.456338
0.006665 -0.192540 -48.164268 -0.456338
1.00000 -1.302162 -166.341551 -0.456338
0.006665 -0.528026 -0.323955 -0.456338

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.35071 12.292345 69.141967 0.777976
0.006443 1.151393 235.189638 0.777976
0.51303 12.292345 69.141967 0.777976
0.006443 0.684108 198.236872 0.777976
0.67536 12.292345 69.141967 0.777976
0.006443 0.244078 173.917203 0.777976
0.83768 12.292345 69.141967 0.777976
0.006443 0.224172 182.805967 0.777976
1.00000 12.292345 69.141967 0.777976
0.006443 0.636484 192.734531 0.777976
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COMB DL-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.35071 -6.517632 -151.183799 -0.684559
0.006343 -1.034163 235.189638 -0.684559
0.51303 -6.517632 -151.183799 -0.684559
0.006343 -0.622903 -147.016551 -0.684559
0.67536 -6.517632 -151.183799 -0.684559
0.006343 -0.215077 -89.127557 -0.684559
0.83768 -6.517632 -151.183799 -0.684559
0.006343 -0.253027 -43.314894 -0.684559
1.00000 -6.517632 -151.183799 -0.684559
0.006343 -0.720282 -0.287378 -0.684559

COMB DB ----- MAX

REL DIST T P M2 M3 V3
0.35071 15.014141 88.293024 0.482641
0.007689 0.706061 244.644729 0.482641
0.51303 15.014141 88.293024 0.482641
0.007689 0.416031 193.355894 0.482641
0.67536 15.014141 88.293024 0.482641
0.007689 0.130947 101.093068 0.482641
0.83768 15.014141 88.293024 0.482641
0.007689 0.144844 173.355952 0.482641
1.00000 15.014141 88.293024 0.482641
0.007689 0.389910 187.424209 0.482641

COMB DB ----- MIN

REL DIST T P M2 M3 V3
0.35071 -9.921021 -173.204669 -0.435878
0.007850 -0.659877 -25.594536 -0.435878
0.51303 -9.921021 -173.204669 -0.435878
0.007850 -0.397610 -155.670919 -0.435878
0.67536 -9.921021 -173.204669 -0.435878
0.007850 -0.135321 -94.480676 -0.435878
0.83768 -9.921021 -173.204669 -0.435878
0.007850 -0.167891 -50.951683 -0.435878
1.00000 -9.921021 -173.204669 -0.435878
0.007850 -0.458126 -17.192999 -0.435878

COMB DL ----- MAX

REL DIST T P M2 M3 V3
0.35071 15.014141 88.293024 0.482641
0.007689 0.706061 244.644729 0.482641
0.51303 15.014141 88.293024 0.482641
0.007689 0.416031 193.355894 0.482641
0.67536 15.014141 88.293024 0.482641
0.007689 0.130947 101.093068 0.482641
0.83768 15.014141 88.293024 0.482641
0.007689 0.144844 173.355952 0.482641
1.00000 15.014141 88.293024 0.482641
0.007689 0.389910 187.424209 0.482641

0.35071 13.194866 92.550728 0.784914
0.007099 1.161755 276.229644
0.51303 13.194866 92.550728 0.784914
0.007099 0.690368 223.596781 0.784914
0.67536 13.194866 92.550728 0.784914
0.007099 0.244068 190.451058 0.784914
0.83768 13.194866 92.550728 0.784914
0.007099 0.234060 193.430414 0.784914
1.00000 13.194866 92.550728 0.784914
0.007099 0.665865 197.413737 0.784914

COMB DL ----- MIN

REL DIST T P M2 M3 V3
0.35071 -8.831992 -166.341551 -0.716529
0.007257 -1.080425 -260.848558 -0.716529
0.51303 -8.831992 -166.341551 -0.716529
0.007257 -0.650780 -94.913538 -0.716529
0.67536 -8.831992 -166.341551 -0.716529
0.007257 -0.223236 -99.038739 -0.716529
0.83768 -8.831992 -166.341551 -0.716529
0.007257 -0.254417 -60.049746 -0.716529
1.00000 -8.831992 -166.341551 -0.716529
0.007257 -0.726217 -23.666607 -0.716529

COMB CAR ----- MAX

REL DIST T P M2 M3 V3
0.35071 15.014141 92.550728 0.784914
0.007689 1.161755 276.229644 0.784914
0.51303 15.014141 92.550728 0.784914
0.007689 0.690368 223.596781 0.784914
0.67536 15.014141 92.550728 0.784914
0.007689 0.244068 190.451058 0.784914
0.83768 15.014141 92.550728 0.784914
0.007689 0.234060 193.430414 0.784914
1.00000 15.014141 92.550728 0.784914
0.007689 0.665865 197.413737 0.784914
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COMB CAR ----- MIN

REL DIST T P M2 M3 V3
0.35071 -9.921021 -173.204669 -0.716529
0.007850 -1.080425 -260.848558 -0.716529
0.51303 -9.921021 -173.204669 -0.716529
0.007850 -0.650780 -94.913538 -0.716529
0.67536 -9.921021 -173.204669 -0.716529
0.007850 -0.223236 -99.038739 -0.716529
0.83768 -9.921021 -173.204669 -0.716529
0.007850 -0.254417 -60.049746 -0.716529
1.00000 -9.921021 -173.204669 -0.716529
0.007850 -0.726217 -23.666607 -0.716529

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V3
0.35071 15.014141 92.550728 0.784914
0.007689 1.161755 276.229644 0.784914
0.51303 15.014141 92.550728 0.784914
0.007689 0.690368 223.596781 0.784914
0.67536 15.014141 92.550728 0.784914
0.007689 0.244068 190.451058 0.784914
0.83768 15.014141 92.550728 0.784914
0.007689 0.234060 193.430414 0.784914
1.00000 15.014141 92.550728 0.784914
0.007689 0.665865 197.413737 0.784914

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V3
0.35071 -9.921021 -173.204669 -0.716529
0.007850 -1.080425 -260.848558 -0.716529
0.51303 -9.921021 -173.204669 -0.716529
0.007850 -0.650780 -94.913538 -0.716529
0.67536 -9.921021 -173.204669 -0.716529
0.007850 -0.223236 -99.038739 -0.716529
0.83768 -9.921021 -173.204669 -0.716529
0.007850 -0.254417 -60.049746 -0.716529
1.00000 -9.921021 -173.204669 -0.716529
0.007850 -0.726217 -23.666607 -0.716529

ELEM 204 ----- LENGTH = 3.708842

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.000000 0.693359 61.124414 0.231242
0.000513 0.206335 1.433567 0.231242
0.16232 0.693359 61.124414 0.231242
0.000513 0.067116 2.650436 0.231242
0.32465 0.693359 61.124414 0.231242
0.000513 0.071352 3.963490 0.231242
0.000513 0.693359 61.124414 0.231242
0.000513 0.209661 5.356266 0.231242
0.64930 0.693359 61.124414 0.231242
0.000513 0.347889 6.753466 0.231242

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -7.635043 -2.342257 -0.229709
0.000685 -0.204975 -5.957451 -0.229709
0.16232 -7.635043 -2.342257 -0.229709
0.000685 -0.066888 -4.263242 -0.229709
0.32465 -7.635043 -2.342257 -0.229709
0.000685 -0.071853 -7.344773 -0.229709
0.48697 -7.635043 -2.342257 -0.229709
0.000000 -0.110555 -1.1240354 -0.229709
0.64930 -7.635043 -2.342257 -0.229709
0.000685 -0.350212 -15.828310 -0.229709

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.000000 1.592906 176.750991 0.376233
0.007746 0.366650 187.873559 0.376233
0.16232 1.592906 176.750991 0.376233
0.007746 0.140190 125.950186 0.376233
0.32465 1.592906 176.750991 0.376233
0.007746 0.102193 69.667612 0.376233
Program SAP2000 Nonlinear Version 7.42
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REL DIST T P M2 M3 V3
0.48697 1.592906 176.750991 0.376233
0.007746 0.366650 187.873559 0.376233
0.16232 1.592906 176.750991 0.376233
0.007746 0.140190 125.950186 0.376233
0.32465 1.592906 176.750991 0.376233
0.007746 0.102193 69.667612 0.376233
Program SAP2000 Nonlinear Version 7.42
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COMB DB-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -15.154282 -15.162213 -0.328755
0.007915 -0.293398 -0.017255 -0.328755
0.16232 -15.154282 -15.162213 -0.328755
0.007915 -0.116540 -39.571358 -0.328755
0.32465 -15.154282 -15.162213 -0.328755
0.007915 -0.120700 -85.950567 -0.328755
0.48697 -15.154282 -15.162213 -0.328755
0.007915 -0.314825 -146.122453 -0.328755
0.64930 -15.154282 -15.162213 -0.328755

-0.007915 -0.540648 -244.345893

COMB DB-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.000000 7.661057 153.536596 0.482502
0.006924 0.456286 179.149923 0.482502
0.16232 7.661057 153.536596 0.482502
0.006924 0.165877 162.016488 0.482502
0.48697 7.661057 153.536596 0.482502
0.006924 0.136048 150.752756 0.482502
0.48697 7.661057 153.536596 0.482502
0.006924 0.399459 176.230708 0.482502
0.48697 7.661057 153.536596 0.482502
0.006924 0.662848 217.843481 0.482502

COMB DB-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -13.744121 -71.547248 -0.437725
0.006947 -0.390691 -0.012252 -0.437725
0.16232 -13.744121 -71.547248 -0.437725
0.006947 -0.144690 -35.391329 -0.437725
0.48697 -13.744121 -71.547248 -0.437725
0.006947 0.153729 77.55620 -0.437725
0.48697 -13.744121 -71.547248 -0.437725
0.006947 -0.416641 -131.141744 -0.437725
0.48697 -13.744121 -71.547248 -0.437725
0.006947 -0.705493 -216.473547 -0.437725

COMB DB-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.000000 7.403705 1.975115 0.218703
0.000724 0.195221 0.072228 0.218703
0.16232 7.403705 1.975115 0.218703
0.000724 0.063587 17.520273 0.218703
0.32465 7.403705 1.975115 0.218703
0.000724 0.064524 0.064524 0.218703
0.48697 7.403705 1.975115 0.218703
0.000724 0.192199 85.679872 0.218703
0.64930 7.403705 1.975115 0.218703
0.000724 0.318933 119.815843 0.218703

COMB DB-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -0.643356 -56.786018 -0.210624
0.000000 0.188004 17.240688 -0.210624
0.16232 -0.643356 -56.786018 -0.210624
0.000000 -0.061249 -4.079814 -0.210624
0.32465 -0.643356 -56.786018 -0.210624
0.000000 0.067958 -3.647146 -0.210624
0.000000 0.643356 -56.786018 -0.210624
0.48697 -0.199569 -4.692496 -0.210624
0.64930 -0.643356 -56.786018 -0.210624
0.000000 -0.331165 -5.826710 -0.210624

COMB DB-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.000000 10.183334 94.290043 0.360553
0.007423 0.350748 168.437303 0.360553
Program SAP2000 Nonlinear Version 7.42
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REL DIST T P M

0.00000 10.183334 176.750991 0.482502										0.83768 -7.692569 -159.171916 -0.442625										0.35071 12.773353 66.802879 1.159255									
0.00746 0.457120 187.873559										0.006958 -0.212287 -41.592051										0.006540 1.734513 231.380038									
0.16232 10.183334 176.750991 0.482502										0.00000 -7.692569 -159.171916 -0.442625										0.51303 12.773353 66.802879 1.159255									
0.00746 0.167021 162.016488										0.006958 -0.212287 -41.592051										0.006540 1.734513 231.380038									
0.16232 10.183334 176.750991 0.482502										0.00000 -7.692569 -159.171916 -0.442625										0.51303 12.773353 66.802879 1.159255									
0.00746 0.136048 155.108529										0.006958 -0.212287 -41.592051										0.006540 1.734513 231.380038									
0.48697 10.183334 176.750991 0.482502										0.00000 -7.692569 -159.171916 -0.442625										0.51303 12.773353 66.802879 1.159255									
0.00746 0.399459 189.918649										0.006958 -0.212287 -41.592051										0.006540 1.734513 231.380038									
0.04930 0.64930 242.895485 0.482502										0.006958 -0.212287 -41.592051										0.006540 1.734513 231.380038									
0.00746 0.62648 242.895485										0.006958 -0.212287 -41.592051										0.006540 1.734513 231.380038									
COMB DB ----- MIN										COMB DL-G1-1 ----- MAX										COMB DL-G2-3 ----- MIN									
REL DIST P M2 V2 V3										REL DIST P M2 V2 V3										REL DIST P M2 V2 V3									
0.00000 -15.154282 -90.722971 -0.437725										0.00000 -15.154282 -90.722971 -0.437725										0.00000 -15.154282 -90.722971 -0.437725									
0.00746 -0.390981 187.873559										0.00746 -0.390981 187.873559										0.00746 -0.390981 187.873559									
0.16232 -15.154282 -90.722971 -0.437725										0.16232 -15.154282 -90.722971 -0.437725										0.16232 -15.154282 -90.722971 -0.437725									
0.007915 -0.144690 -42.623423 -0.437725										0.007915 -0.144690 -42.623423 -0.437725										0.007915 -0.144690 -42.623423 -0.437725									
0.32465 -15.154282 -90.722971 -0.437725										0.32465 -15.154282 -90.722971 -0.437725										0.32465 -15.154282 -90.722971 -0.437725									
0.007915 -0.225911 181.156848										0.007915 -0.225911 181.156848										0.007915 -0.225911 181.156848									
0.48697 -15.154282 -90.722971 -0.437725										0.48697 -15.154282 -90.722971 -0.437725										0.48697 -15.154282 -90.722971 -0.437725									
0.007915 -0.416641 -146.122453 -0.437725										0.007915 -0.416641 -146.122453 -0.437725										0.007915 -0.416641 -146.122453 -0.437725									
0.64930 -15.154282 -90.722971 -0.437725										0.64930 -15.154282 -90.722971 -0.437725										0.64930 -15.154282 -90.722971 -0.437725									
0.04930 -0.705493 -244.345893										0.04930 -0.705493 -244.345893										0.04930 -0.705493 -244.345893									
Program SAP2000 Nonlinear Version 7.42										Program SAP2000 Nonlinear Version 7.42										Program SAP2000 Nonlinear Version 7.42									
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F R A M E E L E M E N T I N T E R N A L F O R C E S										F R A M E E L E M E N T I N T E R N A L F O R C E S										F R A M E E L E M E N T I N T E R N A L F O R C E S									
COMB DL ----- MAX										COMB DL-G1-1 ----- MIN										COMB DL-G2-3 ----- MIN									
REL DIST P M2 V2 V3										REL DIST P M2 V2 V3										REL DIST P M2 V2 V3									
0.00000 9.039582 169.152504 0.791046										0.00000 9.039582 169.152504 0.791046										0.00000 9.039582 169.152504 0.791046									
0.00746 0.71081 197.391169 0.791046										0.00746 0.71081 197.391169 0.791046										0.00746 0.71081 197.391169 0.791046									
0.16232 10.183334 176.750991 0.791046										0.16232 10.183334 176.750991 0.791046										0.16232 10.183334 176.750991 0.791046									
0.00746 0.255488 183.746857 0.791046										0.00746 0.255488 183.746857 0.791046										0.00746 0.255488 183.746857 0.791046									
0.32465 9.039582 169.152504 0.791046										0.32465 9.039582 169.152504 0.791046										0.32465 9.039582 169.152504 0.791046									
0.007915 0.225911 181.156848 0.791046										0.007915 0.225911 181.156848 0.791046										0.007915 0.225911 181.156848 0.791046									
0.48697 9.039582 169.152504 0.791046										0.48697 9.039582 169.152504 0.791046										0.48697 9.039582 169.1525									

REL DIST P M2 M3 V3
0.00000 0.766684 61.181036 0.237703
0.000135 0.212074 1.449777
0.16232 0.766684 61.181036 0.237703
0.000135 0.068997 2.295959
0.32465 0.766684 61.181036 0.237703
0.000135 0.071951 3.187210
0.48697 0.766684 61.181036 0.237703
0.000135 0.068997 2.295959
0.000135 0.766684 61.181036 0.237703
0.000135 0.350714 5.104259

COMB DB-G1-1 MIN
REL DIST P M2 M3 V3
0.00000 -8.142937 -1.639349 -0.231574
-0.001035 -0.066222 -6.158345 -0.231574
0.16232 -8.142937 -1.639349 -0.231574
-0.001035 -0.067216 -42.848841 -0.231574
0.32465 -8.142937 -1.639349 -0.231574
-0.001035 -0.075213 -79.605529 -0.231574
0.48697 -8.142937 -1.639349 -0.231574
-0.001035 -0.217870 -116.372167 -0.231574
0.64929 -8.142937 -1.639349 -0.231574
-0.001035 -0.360596 -153.168326 -0.231574

COMB DB-G1-2 MAX
REL DIST P M2 M3 V3
0.00000 1.683570 176.841096 0.477843
0.000731 0.455075 190.282006 0.477843
0.16232 1.683570 176.841096 0.477843
0.000731 0.167750 128.627174 0.477843
0.32465 1.683570 176.841096 0.477843
0.000731 0.108584 66.968367 0.477843
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 M3 V3
0.48697 1.683570 176.841096 0.477843
0.000731 0.318772 60.17441 0.477843
0.64929 1.683570 176.841096 0.477843
0.000731 0.528954 66.968367 0.477843

COMB DB-G1-2 MIN
REL DIST P M2 M3 V3
0.00000 -15.736363 -14.376163 -0.349278
0.000819 0.108584 66.968367 0.477843
0.16232 -15.736363 -14.376163 -0.349278
-0.000819 -0.108298 -39.385491 -0.349278
0.32465 -15.736363 -14.376163 -0.349278
0.000819 0.108584 66.968367 0.477843
0.48697 -15.736363 -14.376163 -0.349278
-0.000819 -0.410222 -145.247676 -0.349278
0.64929 -15.736363 -14.376163 -0.349278
-0.000819 -0.697455 -242.644636 -0.349278

COMB DB-G1-3 MAX
REL DIST P M2 M3 V3
0.00000 0.804106 153.120599 0.639188
0.000695 0.530304 182.084404 0.639188
0.16232 0.804106 153.120599 0.639188
0.000695 0.208650 165.280170 0.639188
0.32465 0.804106 153.120599 0.639188
0.000695 0.149507 153.120599 0.639188
0.48697 0.804106 153.120599 0.639188
0.000695 0.411937 179.491007 0.639188
0.64929 0.804106 153.120599 0.639188
0.000695 0.683551 220.713419 0.639188

COMB DB-G1-3 MIN
REL DIST P M2 M3 V3
0.00000 -14.326299 -70.998231 -0.451383
0.000701 -0.402796 -0.028121 -0.451383
0.16232 -14.326299 -70.998231 -0.451383
-0.000701 -0.136844 -35.255570 -0.451383
0.32465 -14.326299 -70.998231 -0.451383
0.000701 -0.204391 -77.497542 -0.451383
0.48697 -14.326299 -70.998231 -0.451383
-0.000701 -0.562998 -130.404364 -0.451383
0.64929 -14.326299 -70.998231 -0.451383
-0.000701 -0.947361 -214.892865 -0.451383

COMB DB-G2-1 MAX
REL DIST P M2 M3 V3
0.00000 7.900467 1.248217 0.251488
0.000135 0.223348 1.012003 0.251488
0.16232 7.900467 1.248217 0.251488
0.000135 0.072033 1.151180 0.251488
0.32465 7.900467 1.248217 0.251488
0.000135 0.064012 1.510917 0.251488
0.48697 7.900467 1.248217 0.251488
0.000135 0.170963 85.367162 0.251488
0.64929 7.900467 1.248217 0.251488
0.000135 0.311896 119.262973 0.251488

COMB DB-G2-1 MIN
REL DIST P M2 M3 V3
0.00000 -0.720539 -56.747792 -0.205974
-0.000246 -0.183836 -17.800378 -0.205974
0.16232 -0.720539 -56.747792 -0.205974
-0.000246 -0.059690 -56.747792 -0.205974
0.32465 -0.720539 -56.747792 -0.205974
-0.000246 -0.079308 -4.618941 -0.205974
0.48697 -0.720539 -56.747792 -0.205974
-0.000246 -0.230810 -5.057757 -0.205974
0.64929 -0.720539 -56.747792 -0.205974
-0.000246 -0.381928 -5.526085 -0.205974

COMB DB-G2-2 MAX
REL DIST P M2 M3 V3
0.00000 10.774955 93.369762 0.500657
0.000777 0.473832 170.482459 0.500657
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 M3 V3
0.16232 10.774955 93.369762 0.500657
0.000777 0.742465 163.745338 0.500657
0.32465 10.774955 93.369762 0.500657
0.000777 0.099159 157.316701 0.500657
0.48697 10.774955 93.369762 0.500657
0.000777 0.291533 193.102232 0.500657
0.64929 10.774955 93.369762 0.500657
0.000777 0.483799 246.199675 0.500657

COMB DB-G2-2 MIN
REL DIST P M2 M3 V3
0.00000 -6.415634 -90.825082 -0.319513
0.000801 -0.285156 -17.82624 -0.319513
0.16232 -6.415634 -90.825082 -0.319513
0.000801 -0.099184 -30.319917 -0.319513
0.32465 -6.415634 -90.825082 -0.319513
0.000801 -0.160357 -0.515722 -0.319513

0.48697 -6.415634 -90.825082 -0.319513
0.000801 -0.432353 -12.734065 -0.319513
0.64929 -6.415634 -90.825082 -0.319513
0.000801 -0.733342 -160.515495 -0.319513

COMB DL-G2-3 MAX
REL DIST P M2 M3 V3
0.00000 10.180890 143.311667 0.646429
0.000777 0.600653 184.407013 0.646429
0.16232 10.180890 143.311667 0.646429
0.000777 0.211838 161.398429 0.646429
0.32465 10.180890 143.311667 0.646429
0.000777 0.121853 45.116091 0.646429
0.48697 10.180890 143.311667 0.646429
0.000777 0.405667 181.853229 0.646429
0.64929 10.180890 143.311667 0.646429
0.000777 0.673231 229.871635 0.646429

COMB DL-G2-3 MIN
REL DIST P M2 M3 V3
0.00000 -12.253425 -82.206072 -0.444586
-0.000777 -0.396705 -82.206072 -0.444586
0.16232 -12.253425 -82.206072 -0.444586
-0.000777 -0.135069 -8.804356 -0.444586
0.32465 -12.253425 -82.206072 -0.444586
-0.000777 -0.200646 -42.955328 -0.444586
0.48697 -12.253425 -82.206072 -0.444586
-0.000777 -0.568502 -88.102551 -0.444586
0.64929 -12.253425 -82.206072 -0.444586
-0.000777 -0.957212 -166.499269 -0.444586

COMB DL-G1-1 MAX
REL DIST P M2 M3 V3
0.00000 0.639340 63.523161 0.542645
0.000130 0.484621 1.910977 0.542645
0.16232 0.639340 63.523161 0.542645
0.000130 0.157135 2.841632 0.542645
0.32465 0.639340 63.523161 0.542645
0.000130 0.130742 3.806802 0.542645
0.48697 0.639340 63.523161 0.542645
0.000130 0.384426 4.822308 0.542645
0.64929 0.639340 63.523161 0.542645
0.000130 0.637634 5.852970 0.542645

COMB DL-G1-1 MIN
REL DIST P M2 M3 V3
0.00000 -7.225784 -1.724118 -0.421001
-0.000985 -0.375467 -6.973402 -0.421001
0.16232 -7.225784 -1.724118 -0.421001
-0.000985 -0.639340 -1.724118 -0.421001
0.32465 -7.225784 -1.724118 -0.421001
-0.000985 -0.166938 -83.292771 -0.421001
0.48697 -7.225784 -1.724118 -0.421001
-0.000985 -0.493793 -121.477108 -0.421001
0.64929 -7.225784 -1.724118 -0.421001
-0.000985 -0.820451 -159.688210 -0.421001
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-2 MAX
REL DIST P M2 M3 V3
0.00000 1.473849 166.867662 0.893829
0.000695 0.825100 196.487013 0.893829
0.16232 1.473849 166.867662 0.893829
0.000695 0.288177 140.58714 0.893829
0.32465 1.473849 166.867662 0.893829
0.000695 0.192320 91.304968 0.893829
0.48697 1.473849 166.867662 0.893829
0.000695 0.567350 171.7025 0.893829
0.64929 1.473849 166.867662 0.893829
0.000695 0.941215 82.728367 0.893829

COMB DL-G1-2 MIN
REL DIST P M2 M3 V3
0.00000 -13.892020 -14.210641 -0.621624
-0.000756 -0.558205 -0.028884 -0.621624
0.16232 -13.892020 -14.210641 -0.621624
-0.000756 -0.201041 -38.40870 -0.621624
0.32465 -13.892020 -14.210641 -0.621624
-0.000756 -0.272725 -85.494242 -0.621624
0.48697 -13.892020 -14.210641 -0.621624
-0.000756 -0.737643 -145.81964 -0.621624
0.64929 -13.892020 -14.210641 -0.621624
-0.000756 -1.327980 -243.351592 -0.621624

COMB DL-G1-3 MAX
REL DIST P M2 M3 V3
0.00000 7.098584 144.013741 1.171879
0.000134 0.066021 193.415160 1.171879
0.16232 7.098584 144.013741 1.171879
0.000134 0.361550 182.369563 1.171879
0.32465 7.098584 144.013741 1.171879
0.000134 0.244527 177.953762 1.171879
0.48697 7.098584 144.013741 1.171879
0.000134 0.720613 202.449729 1.171879
0.64929 7.098584 144.013741 1.171879
0.000134 1.194842 242.709083 1.171879

COMB DL-G1-3 MIN
REL DIST P M2 M3 V3
0.00000 -12.552800 -71.360971 -0.788946
-0.006441 -0.707276 -9.000247 -0.788946
0.16232 -12.552800 -71.360971 -0.788946
-0.006441 -0.245763 -34.239459 -0.788946
0.32465 -12.552800 -71.360971 -0.788946
-0.006441 -0.360704 -17.027417 -0.788946
0.48697 -12.552800 -71.360971 -0.788946
-0.006441 -1.050361 -139.739103 -0.788946
0.64929 -12.552800 -71.360971 -0.788946
-0.006441 -1.753875 -214.775724 -0.788946

COMB DL-G2-1 MAX
REL DIST P M2 M3 V3
0.00000 6.993318 1.219333 0.480548
0.000963 0.426747 1.864641 0.480548
0.16232 6.993318 1.219333 0.480548
0.000963 0.138024 16.801322 0.480548
0.32465 6.993318 1.219333 0.480548
0.000963 0.096840 15.406104 0.480548
0.48697 6.993318 1.219333 0.480548
0.000963 0.284606 86.960974 0.480548
0.64929 6.993318 1.219333 0.480548
0.000963 0.472450 122.687251 0.480548

COMB DL-G2-1 MIN
REL DIST P M2 M3 V3
0.00000 -0.595373 -59.656892 -0.311660
-0.000211 -0.278661 -23.359589 -0.311660
0.16232 -0.595373 -59.656892 -0.311660
-0.000211 -0.090875 -6.466377 -0.311660
0.32465 -0.595373 -59.656892 -0.311660
-0.000211 -0.151927 -9.901228 -0.311660
0.48697 -0.595373 -59.656892 -0.311660
-0.000211 -0.440895 -6.122642 -0.311660
0.64929 -0.595373 -59.656892 -0.311660
-0.000211 -0.729885 -6.521120 -0.311660
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-2 MAX
REL DIST P M2 M3 V3
0.00000 -15.736363 -93.066502 -0.788946
-0.000819 -0.707276 -23.359589 -0.788946
0.16232 -15.736363 -93.066502 -0.788946
-0.000819 -0.245763 -45.116091 -0.788946
0.32465 -15.736363 -93.066502 -0.788946
-0.000819 -0.360704 -17.027417 -0.788946
0.48697 -15.736363 -93.066502 -0.788946
-0.000819 -1.050361 -145.876984 -0.788946
0.64929 -15.736363 -93.066502 -0.788946
-0.000819 -1.755875 -243.351592 -0.788946

COMB DL-G2-2 MIN
REL DIST P M2 M3 V3
0.00000 -15.736363 -93.066502 -0.788946
-0.000819 -0.707276 -23.359589 -0.788946
0.16232 -15.736363 -93.066502 -0.788946
-0.000819 -0.245763 -45.116091 -0.788946
0.32465 -15.736363 -93.066502 -0.788946
-0.000819 -0.360704 -17.027417 -0.788946
0.48697 -15.736363 -93.066502 -0.788946
-0.000819 -1.050361 -145.876984 -0.788946
0.64929 -15.736363 -93.066502 -0.788946
-0.000819 -1.755875 -243.351592 -0.788946

COMB DL-G2-3 MAX
REL DIST P M2 M3 V3
0.00000 9.562136 82.023320 0.826123
0.000777 0.76824 172.4802 0.826123
0.16232 9.562136 82.023320 0.826123
0.000777 0.264705 174.951700 0.826123
0.32465 9.562136 82.023320 0.826123
0.000777 0.177532 47.67420 0.826123
0.48697 9.562136 82.023320 0.826123
0.000777 0.455393 213.009426 0.826123
0.64929 9.562136 82.023320 0.826123
0.000777 0.752732 266.050342 0.826123

COMB DL-G2-3 MIN
REL DIST P M2 M3 V3
0.00000 -5.601608 -93.066502 -0.496767
-0.006298 -0.446995 191.761939 -0.496767
0.16232 -5.601608 -93.066502 -0.496767
-0.006298 -0.163643 -3.90136 -0.496767
0.32465 -5.601608 -93.066502 -0.496767
-0.006298 -0.235372 16.47420 -0.496767
0.48697 -5.601608 -93.066502 -0.496767
-0.006298 -0.734828 -12.997218 -0.496767
0.64929 -5.601608 -93.066502 -0.496767
-0.006298 -1.232105 -59.691148 -0.496767

COMB DL-G2-3 MIN
REL DIST P M2 M3 V3
0.00000 -5.601608 -93.066502 -0.496767
-0.006298 -0.446995 191.761939 -0.496767
0.16232 -5.601608 -93.066502 -0.496767
-0.006298 -0.163643 -3.90136 -0.496767
0.32465 -5.601608 -93.066502 -0.496767
-0.006298 -0.235372 16.47420 -0.496767
0.48697 -5.601608 -93.066502 -0.496767
-0.006298 -0.734828 -12.997218 -0.496767
0.64929 -5.601608 -93.066502 -0.496767
-0.006298 -1.232105 -59.691148 -0.496767

COMB DL-G2-3 MIN
REL DIST P M2 M3 V3
0.00000 -5.601608 -93.066502 -0.496767
-0.006298 -0.446995 191.761939 -0.496767
0.16232 -5.601608 -93.066502 -0.496767
-0.006298 -0.163643 -3.90136 -0.496767
0.32465 -5.601608 -93.066502 -0.496767
-0.006298 -0.235372 16.47420 -0.496767
0.48697 -5.601608 -93.066502 -0.496767
-0.006298 -0.734828 -12.997218 -0.496767
0.64929 -5.601608 -93.066502 -0.496767
-0.006298 -1.232105 -59.691148 -0.496767

COMB DL-G2-3 MIN
REL DIST P M2 M3 V3
0.00000 -5.601608 -93.066502 -0.496767
-0.006298 -0.446995 191.761939 -0.496767
0.16232 -5.601608 -93.066502 -0.496767
-0.006298 -0.163643 -3.90136 -0.496767
0.32465 -5.601608 -93.066502 -0.496767
-0.006298 -0.235372 16.47420 -0.496767
0.48697 -5.601608 -93.066502 -0.496767
-0.006298 -0.734828 -12.997218 -0.496767
0.64929 -5.601608 -93.066502 -0.496767
-0.006298 -1.232105 -59.691148 -0.496767

COMB DL-G2-3 MIN
REL DIST P M2 M3 V3
0.00000 -5.601608 -93.066502 -0.496767
-0.006298 -0.446995 191.761939 -0.496767
0.16232 -5.601608 -93.066502 -0.496767
-0.006298 -0.163643 -3.90136 -0.496767
0.32465 -5.601608 -93.066502 -0.496767
-0.006298 -0.235372 16.47420 -0.496767
0.48697 -5.601608 -93.066502 -0.496767
-0.006298 -0.734828 -12.997218 -0.49

-1.44E-05 -0.306681 -18.902683

COMB DB-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.35070 16.746662 9.642806 0.685358
0.008239 0.103034 49.301785 0.685358
0.51302 16.746662 9.642806 0.685358
0.008239 0.598998 45.776913 0.685358
0.67535 0.103034 49.301785 0.685358
0.008239 0.213578 60.635570 0.685358
0.83767 16.746662 9.642806 0.685358
0.008239 0.095301 115.821426 0.685358
1.00000 16.746662 9.642806 0.685358
0.008239 0.291872 173.446836 0.685358

COMB DB-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.35070 16.746662 9.642806 -0.326516
0.008239 -0.490424 -226.097555 -0.326516
0.51302 -0.336111 -164.142029 -0.326516
0.008239 -0.297550 -136.574023 -0.326516
0.67535 -0.336111 -164.142029 -0.326516
0.008239 -0.297550 -136.574023 -0.326516
0.83767 -0.336111 -164.142029 -0.326516
0.008239 -0.227875 -40.291187 -0.326516
1.00000 -0.336111 -164.142029 -0.326516
0.008239 -0.639570 -0.135766 -0.326516

COMB DB-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.35070 15.653477 61.021501 0.918525
0.007633 1.365777 192.260299 0.918525
0.51302 15.653477 61.021501 0.918525
0.007633 0.814093 163.672216 0.918525
0.67535 15.653477 61.021501 0.918525
0.007633 0.007633 163.672216 0.918525
0.83767 15.653477 61.021501 0.918525
0.007633 0.132039 166.375566 0.918525
1.00000 15.653477 61.021501 0.918525
0.007633 0.404337 189.061941 0.918525

COMB DB-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.35070 -8.222304 -150.914198 -0.452263
0.007633 -0.684177 -50.5101534 -0.452263
0.007633 SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.51302 -8.222304 -150.914198 -0.452263
-0.007633 -0.411995 -123.145618 -0.452263
0.67535 -8.222304 -150.914198 -0.452263
-0.007633 -0.339687 -74.689137 -0.452263
0.83767 -8.222304 -150.914198 -0.452263
-0.007633 -0.293240 -36.386216 -0.452263
1.00000 -8.222304 -150.914198 -0.452263
-0.007633 -0.845292 -0.155888 -0.452263

COMB DL-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.35070 0.590718 51.214194 0.694511
2.23E-05 1.053295 117.628728 0.694511
0.51302 0.590718 51.214194 0.694511
2.23E-05 0.635257 86.848460 0.694511
0.67535 0.590718 51.214194 0.694511
2.23E-05 0.217254 56.214253 0.694511
0.83767 0.590718 51.214194 0.694511
2.23E-05 0.129185 25.847403 0.694511
1.00000 0.590718 51.214194 0.694511
2.23E-05 0.396201 1.853051 0.694511

COMB DL-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.35070 -7.823531 -1.557911 -0.443259
0.001479 -0.670588 -0.404716 -0.443259
0.51302 -7.823531 -1.557911 -0.443259
0.001479 -0.403976 -0.404716 -0.443259
0.67535 -7.823531 -1.557911 -0.443259
0.001479 -0.136912 -1.539287 -0.443259
0.83767 -7.823531 -1.557911 -0.443259
0.001479 -0.190458 -0.595673 -0.443259
1.00000 -7.823531 -1.557911 -0.443259
0.001479 -0.617174 -6.583181 -0.443259

COMB DL-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.35070 6.020982 75.511105 1.179211
0.006574 1.761147 233.953608 1.179211
0.51302 6.020982 75.511105 1.179211
0.006574 1.054425 192.190355 1.179211
0.67535 6.020982 75.511105 1.179211
0.006574 0.365695 169.596098 1.179211
0.83767 6.020982 75.511105 1.179211
0.006574 0.206727 182.301209 1.179211
1.00000 6.020982 75.511105 1.179211
0.006574 0.595570 195.612125 1.179211

COMB DL-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.35070 -9.913479 -91.112685 -0.666126
0.008163 -1.008133 -65.437462 -0.666126
0.51302 -9.913479 -91.112685 -0.666126
0.008163 -0.607364 -13.972786 -0.666126
0.67535 -9.913479 -91.112685 -0.666126
0.008163 -0.206849 -0.595673 -0.666126
0.83767 -9.913479 -91.112685 -0.666126
0.008163 -0.368898 -0.046785 -0.666126
1.00000 -9.913479 -91.112685 -0.666126
0.008163 -1.075702 -0.031390 -0.666126

COMB DL-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.35070 11.131311 68.036895 1.560015
0.006453 1.131311 216.403982 1.560015
0.51302 11.131311 68.036895 1.560015
0.006453 0.140431 179.028245 1.560015
0.67535 11.131311 68.036895 1.560015
0.006453 0.006453 157.948455 1.560015
0.83767 11.131311 68.036895 1.560015
0.006453 0.254894 166.355164 1.560015
1.00000 11.131311 68.036895 1.560015
0.006453 0.703050 192.556982 1.560015
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.35070 -9.359047 -125.123469 -0.838956
0.006803 -0.9359047 -125.123469 -0.838956
0.51302 -9.359047 -125.123469 -0.838956
0.006803 -0.765135 -74.965120 -0.838956
0.67535 -9.359047 -125.123469 -0.838956
0.006803 -0.259365 -34.377494 -0.838956

0.83767 -9.359047 -125.123469 -0.838956

0.006803 -0.476542 -5.287258 -0.838956

0.006803 -1.412981 -0.430004 -0.838956

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.35070 7.467172 1.044112 0.633696
0.001517 0.936141 3.336464 0.633696
0.51302 7.467172 1.044112 0.633696
0.001517 0.576204 2.808779 0.633696
0.67535 7.467172 1.044112 0.633696
0.001517 0.195032 0.633696 0.633696
0.83767 7.467172 1.044112 0.633696
0.001517 0.094457 1.787996 0.633696
1.00000 7.467172 1.044112 0.633696
0.001517 0.288505 1.285999 0.633696

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.35070 -0.579310 -46.739821 -0.322074
0.001517 -0.487337 134.809933 -0.322074
0.51302 -0.579310 -46.739821 -0.322074
0.001517 -0.293761 -106.719192 -0.322074
0.67535 -0.579310 -46.739821 -0.322074
0.001517 -0.487337 134.809933 -0.322074
0.83767 -0.579310 -46.739821 -0.322074
0.001517 -0.186946 -50.835464 -0.322074
1.00000 -0.579310 -46.739821 -0.322074
0.001517 -0.567926 -23.025225 -0.322074

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.35070 14.373896 10.084051 1.120449
0.007883 1.670076 62.519540 1.120449
0.51302 14.373896 10.084051 1.120449
0.007883 0.998320 59.675426 1.120449
0.67535 14.373896 10.084051 1.120449
0.007883 0.344324 74.535667 1.120449
0.83767 14.373896 10.084051 1.120449
0.007883 0.166537 121.596004 1.120449
1.00000 14.373896 10.084051 1.120449
0.007883 0.474934 171.545482 1.120449

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.35070 -1.263317 -148.822762 -0.530061
0.006033 -0.802384 -216.494344 -0.530061
0.51302 -1.263317 -148.822762 -0.530061
0.006033 -0.403790 -129.620500 -0.530061
0.67535 -1.263317 -148.822762 -0.530061
0.006033 -0.163671 -78.218559 -0.530061
0.83767 -1.263317 -148.822762 -0.530061
0.006033 -0.350051 -37.802664 -0.530061
1.00000 -1.263317 -148.822762 -0.530061
0.006033 -1.027026 -0.222595 -0.530061

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.35070 13.338122 58.346983 1.548234
0.007077 2.320855 210.101590 1.548234
0.51302 13.338122 58.346983 1.548234
0.007077 1.391320 177.986200 1.548234
0.67535 13.338122 58.346983 1.548234
0.007077 0.477687 161.920429 1.548234
0.83767 13.338122 58.346983 1.548234
0.007077 0.243712 175.044491 1.548234
1.00000 13.338122 58.346983 1.548234
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.35070 -7.120664 -134.831201 -0.798055
0.006445 -1.207905 -195.297599 -0.798055
0.51302 -7.120664 -134.831201 -0.798055
0.006445 -0.720645 -117.977766 -0.798055
0.67535 -7.120664 -134.831201 -0.798055
0.006445 -0.246943 -70.406708 -0.798055
0.83767 -7.120664 -134.831201 -0.798055
0.006445 -0.475698 -134.831201 -0.798055
1.00000 -7.120664 -134.831201 -0.798055
0.006445 -1.404651 -0.203929 -0.798055

COMB DB ----- MAX

REL DIST T P M2 M3 V3
0.35070 16.746662 78.993704 0.918525
0.008239 1.666662 226.731399 0.918525
0.51302 16.746662 78.993704 0.918525
0.008239 0.815478 181.700022 0.918525
0.67535 16.746662 78.993704 0.918525
0.008239 0.286899 156.700861 0.918525
0.83767 16.746662 78.993704 0.918525
0.008239 0.194443 175.098666 0.918525
1.00000 16.746662 78.993704 0.918525
0.008239 0.411351 194.548140 0.918525

COMB DB ----- MIN

REL DIST T P M2 M3 V3
0.35070 -11.510019 -164.142029 -0.460064
0.008711 -0.695883 -226.097525 -0.460064
0.51302 -11.510019 -164.142029 -0.460064
0.008711 -0.419150 -136.574023 -0.460064
0.67535 -11.510019 -164.142029 -0.460064
0.008711 -0.142337 -82.987659 -0.460064
0.83767 -11.510019 -164.142029 -0.460064
0.008711 -0.293240 -47.445137 -0.460064
1.00000 -11.510019 -164.142029 -0.460064
0.008711 -0.845292 -18.902683 -0.460064

COMB DL ----- MAX

REL DIST T P M2 M3 V3
0.35070 14.373896 75.511105 1.560015
0.007883 1.670076 233.953608 1.560015
0.51302 14.373896 75.511105 1.560015
0.007883 1.040431 192.190355 1.560015
0.67535 14.373896 75.511105 1.560015
0.007883 0.492964 169.596098 1.560015
0.83767 14.373896 75.511105 1.560015
0.007883 0.254894 182.301209 1.560015
1.00000 14.373896 75.511105 1.560015
0.007883 0.750350 195.612125 1.560015

COMB DL ----- MIN

REL DIST T P M2 M3 V3
0.35070 -9.913479 -148.822762 -0.838956
0.008163 -1.269738 -216.494344 -0.838956
0.51302 -9.913479 -148.822762 -0.838956
0.008163 -0.765135 -129.620500 -0.838956
0.67535 -9.913479 -148.822762 -0.838956
0.008163 -0.259365 -78.650458 -0.838956
0.83767 -9.913479 -148.822762 -0.838956
0.008163 -0.476542 -50.835464 -0.838956
1.00000 -9.913479 -148.822762 -0.838956
0.008163 -1.412981 -23.025225 -0.838956

COMB CAR ----- MAX

REL DIST T P M2 M3 V3
0.35070 16.746662 78.993704 1.560015
0.008239 2.340916 233.953608 1.560015
0.51302 16.746662 78.993704 1.560015
0.008239 1.404431 192.190355 1.560015
0.67535 16.746662 78.993704 1.560015
0.008239 0.815478 181.700022 1.560015
0.83767 16.746662 78.993704 1.560015
0.008239 0.286899 156.700861 1.560015
1.00000 16.746662 78.993704 1.560015
0.008239 0.750350 195.612125 1.560015

COMB CAR ----- MIN

0.35070 16.746662 78.993704 1.560015
0.008239 2.340916 233.953608 1.560015
0.51302 16.746662 78.993704 1.560015
0.008239 1.404431 192.190355 1.560015
0.67535 16.746662 78.993704 1.560015
0.008239 0.815478 181.700022 1.560015
0.83767 16.746662 78.993704 1.560015
0.008239 0.286899 156.700861 1.560015
1.00000 16.746662 78.993704 1.560015
0.008239 0.750350 195.612125 1.560015
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST T P M2 M3 V3
0.35070 -11.510019 -164.142029 -0.838956
0.008711 -0.695883 -226.097525 -0.838956
0.51302 -11.510019 -164.142029 -0.838956
0.008711 -0.419150 -136.574023 -0.838956
0.67535 -11.510019 -164.142029 -0.838956
0.008711 -0.142337 -82.987659 -0.838956
0.83767 -11.510019 -164.142029 -0.838956
0.008711 -0.293240 -47.445137 -0.838956
1.00000 -11.510019 -164.142029 -0.838956
0.008711 -0.845292 -18.902683 -0.838956

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V3
0.35070 16.746662 78.993704 1.560015
0.008239 2.340916 233.953608 1.560015
0.51302 16.746662 78.993704 1.560015
0.008239 1.404431 192.190355 1.560015
0.67535 16.746662 78.993704 1.560015
0.008239 0.815478 181.700022 1.560015
0.83767 16.746662 78.993704 1.560015
0.008239 0.286899 156.700861 1.560015
1.00000 16.746662 78.993704 1.560015
0.008239 0.750350 195.612125 1.560015

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V3
0.35070 -11.510019 -164.142029 -0.838956
0.008711 -0.695883 -226.097525 -0.838956
0.51302 -11.510019 -164.142029 -0.838956
0.008711 -0.419150 -136.574023 -0.838956
0.67535 -11.510019 -164.142029 -0.838956
0.008711 -0.293240 -47.445137 -0.838956
0.83767 -11.510019 -164.142029 -0.838956
0.008711 -0.142337 -82.987659 -0.838956
1.00000 -11.510019 -164.142029 -0.838956
0.008711 -0.845292 -18.902683 -0.838956

ELEM 208 ----- LENGTH

= 3.705805

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.35070 0.686152 53.209515 0.354188
1.54E-05 0.316122 1.492100 0.354188

0.48690	-14.466574	-13.916922	-0.673042
0.003888	-1.061988	-117.989783	
0.64920	-14.466574	-13.916922	-0.673042
-0.003888	-1.776359	-206.498479	
COMB DL-G1-3-----MAX			
REL DIST	P	V2	V3
0.00000	7.455051	130.666690	1.568573
0.006190	7.455051	130.666690	1.568573
0.16230	7.455051	130.666690	1.568573
0.006190	7.455051	130.666690	1.568573
0.32460	7.455051	130.666690	1.568573
0.006190	7.455051	130.666690	1.568573
0.48690	7.455051	130.666690	1.568573
0.006190	7.455051	130.666690	1.568573
0.64920	7.455051	130.666690	1.568573
0.006190	7.455051	130.666690	1.568573
COMB DL-G1-3-----MIN			
REL DIST	P	V2	V3
0.00000	-13.061162	-62.579733	-0.846570
-0.007014	-1.757314	-23.064972	
0.16230	-13.061162	-62.579733	-0.846570
-0.007014	-0.257527	-26.477958	
0.32460	-13.061162	-62.579733	-0.846570
-0.007014	-0.257527	-26.477958	
0.48690	-13.061162	-62.579733	-0.846570
-0.007014	-1.411258	-105.705017	
0.64920	-13.061162	-62.579733	-0.846570
-0.007014	-2.352451	-181.648579	
COMB DL-G2-1-----MAX			
REL DIST	P	V2	V3
0.00000	7.520523	1.070400	0.629485
0.001504	0.560009	1.284319	
0.16230	7.520523	1.070400	0.629485
0.001504	0.181452	1.052126	0.629485
0.32460	7.520523	1.070400	0.629485
0.001504	0.100321	37.071521	0.629485
0.48690	7.520523	1.070400	0.629485
0.001504	0.295022	64.531134	0.629485
0.64920	7.520523	1.070400	0.629485
0.001504	0.489320	92.293414	0.629485
COMB DL-G2-1-----MIN			
REL DIST	P	V2	V3
0.00000	-0.569468	-46.855641	-0.323263
-1.89E-05	-0.289141	-23.064972	
0.16230	-0.569468	-46.855641	-0.323263
-1.89E-05	-0.094551	-18.759050	
0.32460	-0.569468	-46.855641	-0.323263
-1.89E-05	-0.197557	-9.229220	
0.48690	-0.569468	-46.855641	-0.323263
-1.89E-05	-0.760400	-7.999001	
0.64920	-0.569468	-46.855641	-0.323263
-1.89E-05	-0.954595	-8.313020	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G2-2-----MAX			
REL DIST	P	V2	V3
0.00000	10.202589	81.454149	1.113768
0.007678	1.014654	171.533991	
0.16230	10.202589	81.454149	1.113768
0.007678	0.348041	165.009873	1.113768
0.32460	10.202589	81.454149	1.113768
0.007678	0.164675	158.901989	1.113768
0.48690	10.202589	81.454149	1.113768
0.007678	0.487268	184.774763	1.113768
0.64920	10.202589	81.454149	1.113768
0.007678	0.808254	228.340795	1.113768
COMB DL-G2-2-----MIN			
REL DIST	P	V2	V3
0.00000	-5.535004	-77.884022	-0.534427
-0.006111	-0.478904	-0.213070	
0.16230	-5.535004	-77.884022	-0.534427
-0.006111	-0.167975	-0.050933	
0.32460	-5.535004	-77.884022	-0.534427
-0.006111	-0.348073	-0.198911	
0.48690	-5.535004	-77.884022	-0.534427
-0.006111	-0.047931	-0.074003	
0.64920	-5.535004	-77.884022	-0.534427
-0.006111	-1.665271	-57.003196	
COMB DL-G2-3-----MAX			
REL DIST	P	V2	V3
0.00000	9.565565	122.467126	1.548348
0.006948	1.401018	190.773661	
0.16230	9.565565	122.467126	1.548348
0.006948	0.472426	156.763814	1.548348
0.32460	9.565565	122.467126	1.548348
0.006948	0.248493	156.860493	1.548348
0.48690	9.565565	122.467126	1.548348
0.006948	0.733394	179.079709	1.548348
0.64920	9.565565	122.467126	1.548348
0.006948	1.217013	217.764655	1.548348
COMB DL-G2-3-----MIN			
REL DIST	P	V2	V3
0.00000	-10.922440	-70.512937	-0.804781
0.006650	-0.720085	-1.958482	
0.16230	-10.922440	-70.512937	-0.804781
0.006650	-0.245949	-2.909824	
0.32460	-10.922440	-70.512937	-0.804781
0.006650	-0.086811	-29.073004	
0.48690	-10.922440	-70.512937	-0.804781
0.006650	-1.394098	-66.873369	
0.64920	-10.922440	-70.512937	-0.804781
0.006650	-2.323202	-137.486897	
COMB DB-G1-1-----MAX			
REL DIST	P	V2	V3
0.00000	11.875128	167.743696	0.921360
0.002828	1.420162	195.613182	0.921360
0.16230	11.875128	167.743696	0.921360
0.002828	0.292848	167.302348	0.921360
0.32460	11.875128	167.743696	0.921360
0.002828	0.100321	37.071521	0.921360
0.48690	11.875128	167.743696	0.921360
0.002828	0.421724	177.221718	0.921360
0.64920	11.875128	167.743696	0.921360
0.002828	0.700229	223.760139	0.921360
COMB DB-G1-1-----MIN			
REL DIST	P	V2	V3
0.00000	-16.782782	-81.211174	-0.463055
-0.008743	-0.413792	-18.937823	
0.16230	-16.782782	-81.211174	-0.463055
-0.008743	-0.135211	-36.012208	
0.32460	-16.782782	-81.211174	-0.463055
-0.008743	-0.288456	-4.424921	
0.48690	-16.782782	-81.211174	-0.463055
-0.008743	-0.817419	-126.649600	
0.64920	-16.782782	-81.211174	-0.463055
-0.008743	-1.370589	-126.856676	
Program SAP2000 Nonlinear Version 7.42			
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F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB DL-----MAX				
REL DIST	P	V2	V3	
	M2	M3		
0.00000	10.202589	152.212914	1.568573	
0.007678	1.420162	195.613182		
0.16230	10.202589	152.212914	1.568573	
0.007678	0.479095	176.882690		
0.32460	10.202589	152.212914	1.568573	
0.007678	0.261051	167.160899		
0.48690	10.202589	152.212914	1.568573	
0.007678	0.771139	195.980732		
0.64920	10.202589	152.212914	1.568573	
0.007678	1.280023	228.340795		
COMB DL-----MIN				
REL DIST	P	V2	V3	
	M2	M3		
0.00000	-14.466574	-77.884022	-0.846570	
-0.008388	-0.757314	-23.064972		
0.16230	-14.466574	-77.884022	-0.846570	
-0.008388	-0.257527	-37.154501		
0.32460	-14.466574	-77.884022	-0.846570	
-0.008388	-0.484843	-68.170697		
0.48690	-14.466574	-77.884022	-0.846570	
-0.008388	-1.411258	-117.989783		
0.64920	-14.466574	-77.884022	-0.846570	
-0.008388	-2.352451	-206.498479		
COMB CAR-----MAX				
REL DIST	P	V2	V3	
	M2	M3		
0.00000	11.875128	167.743696	1.568573	
0.008228	1.420162	195.613182		
0.16230	11.875128	167.743696	1.568573	
0.008228	0.479095	176.882690		
0.32460	11.875128	167.743696	1.568573	
0.008228	0.261051	167.160899		
0.48690	11.875128	167.743696	1.568573	
0.008228	0.771139	195.980732		
0.64920	11.875128	167.743696	1.568573	
0.008228	1.280023	228.340795		
COMB CAR-----MIN				
REL DIST	P	V2	V3	
	M2	M3		
0.00000	-16.782782	-81.211174	-0.846570	
-0.008743	-0.757314	-23.064972		
0.16230	-16.782782	-81.211174	-0.846570	
-0.008743	-0.257527	-37.012208		
0.32460	-16.782782	-81.211174	-0.846570	
-0.008743	-0.484843	-74.242912		
0.48690	-16.782782	-81.211174	-0.846570	
-0.008743	-1.411258	-126.649600		
0.64920	-16.782782	-81.211174	-0.846570	
-0.008743	-2.352451	-216.856676		
COMB DESIGN-----MAX				
REL DIST	P	V2	V3	
	M2	M3		
0.00000	11.875128	167.743696	1.568573	
0.008228	1.420162	195.613182		
0.16230	11.875128	167.743696	1.568573	
0.008228	0.479095	176.882690		
0.32460	11.875128	167.743696	1.568573	
0.008228	0.261051	167.160899		
0.48690	11.875128	167.743696	1.568573	
0.008228	0.771139	195.980732		
0.64920	11.875128	167.743696	1.568573	
0.008228	1.280023	228.340795		
COMB DESIGN-----MIN				
REL DIST	P	V2	V3	
	M2	M3		
0.00000	-16.782782	-81.211174	-0.846570	
-0.008743	-0.757314	-23.064972		
0.16230	-16.782782	-81.211174	-0.846570	
-0.008743	-0.257527	-37.012208		
0.32460	-16.782782	-81.211174	-0.846570	
-0.008743	-0.484843	-74.242912		
0.48690	-16.782782	-81.211174	-0.846570	
-0.008743	-1.411258	-126.649600		
0.64920	-16.782782	-81.211174	-0.846570	
-0.008743	-2.352451	-216.856676		
Program SAP2000 Nonlinear Version 7.42				
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1272				
F R A M E E L E M E N T I N T E R N A L F O R C E S				
ELEM 209-----LENGTH = 3.707026				
COMB DB-G1-1-----MAX				
REL DIST	P	V2	V3	
	M2	M3		
0.35069	1.230885	29.333058	0.439168	
2.91E-05	0.675426	64.800533		
0.51301	1.230885	29.333058	0.439168	
2.91E-05	0.411162	47.139688		
0.75043	1.230885	29.333058	0.439168	
2.91E-05	0.146900	29.597603		
0.83767	1.230885	29.333058	0.439168	
2.91E-05	0.062541	12.435359		
1.00000	1.230885	29.333058	0.439168	
2.91E-05	0.199638	1.637991		
COMB DB-G1-1-----MIN				
REL DIST	P	V2	V3	
	M2	M3		
0.35069	-7.283334	-10.102437	-0.227741	
-0.001997	-0.348520	-24.386985		
0.51301	-7.283334	-10.102437	-0.227741	
-0.001997	-0.211476	-18.354437		
0.67543	-7.283334	-10.102437	-0.227741	
-0.001997	-0.074346	-12.467179		
0.83767	-7.283334	-10.102437	-0.227741	
-0.001997	-0.117393	-7.079090		
1.00000	-7.283334	-10.102437	-0.227741	
-0.001997	-0.381665	-6.299407		
COMB DB-G1-2-----MAX				
REL DIST	P	V2	V3	
	M2	M3		
0.35069	7.449128	50.471054	0.831698	
0.506206	1.250238	61.674105		
0.51301	7.449128	50.471054	0.831698	
0.506206	0.760863	134.435422		
0.67534	7.449128	50.471054	0.831698	
0.506206	0.272483	30.685117		
0.83767	7.449128	50.471054	0.831698	
0.506206	0.099762	165.527132		
1.00000	7.449128	50.471054	0.831698	
0.506206	0.319254	202.168150		
COMB DB-G1-2-----MIN				
REL DIST	P	V2	V3	
	M2	M3		
0.35069	-9.368891	-111.388676	-0.364757	
-0.009932	-0.558713	-80.518246		
-0.009932	-0.339217	-28.688757		
0.67534	-9.368891	-111.388676	-0.364757	
-0.009932	-0.119612	-10.212343		
-0.009932	-0.239370	-3.982196		
1.00000	-9.368891	-111.388676	-0.364757	
-0.009932	-0.754441	-0.048716		
COMB DR-G1-3-----MAX				

0.83767	-6.246440	-109.735623	-0.811387
-0.006492	-0.509347	-17.099560	
1.00000	-6.246440	-109.735623	-0.811387
-0.006492	-1.588083	-0.114335	
COMB	DB		MAX
REL DIST	P	M2	V3
0.35069	14.518529	52.638471	1.098736
0.008135	1.684902	182.604901	
0.51301	14.518529	52.638471	1.098736
0.008135	1.012949	153.963914	
0.67534	14.518529	52.638471	1.098736
0.008135	0.261824	2.361824	
0.83767	14.518529	52.638471	1.098736
0.008135	0.124655	169.596356	
1.00000	14.518529	52.638471	1.098736
0.008135	0.398226	202.168150	
COMB	DB		MIN
REL DIST	P	M2	V3
0.35069	-9.368891	-132.438685	-0.454602
-0.008932	-0.696003	-147.523851	
0.51301	-9.368891	-132.438685	-0.454602
-0.008932	-0.422443	-79.900089	
0.67534	-9.368891	-132.438685	-0.454602
-0.008932	-0.7941	-67.508801	
0.83767	-9.368891	-132.438685	-0.454602
-0.008932	-0.321346	-34.398642	
1.00000	-9.368891	-132.438685	-0.454602
-0.008932	-0.982075	-22.041766	
COMB	DL		MAX
REL DIST	P	M2	V3
0.35069	12.031053	47.636199	1.818656
0.008354	2.776024	177.004713	
0.51301	12.031053	47.636199	1.818656
0.008354	1.687474	152.800881	
0.67534	12.031053	47.636199	1.818656
0.008354	0.599419	145.764552	
0.83767	12.031053	47.636199	1.818656
0.008354	0.246764	166.934365	
1.00000	12.031053	47.636199	1.818656
0.008354	0.748006	196.066231	
COMB	DL		MIN
REL DIST	P	M2	V3
0.35069	-7.548193	-115.016791	-0.853596
-0.008547	-1.307601	-133.30184	
0.51301	-7.548193	-115.016791	-0.853596
-0.008547	-0.754819	-67.508801	
0.67534	-7.548193	-115.016791	-0.853596
-0.008547	-0.279766	-42.587557	
0.83767	-7.548193	-115.016791	-0.853596
-0.008547	-0.14034	-31.877427	
1.00000	-7.548193	-115.016791	-0.853596
-0.008547	-1.606635	-23.660186	
COMB	CAR		MAX
REL DIST	P	M2	V3
0.35069	14.518529	52.638471	1.818656
0.008354	2.776024	182.604901	
0.51301	14.518529	52.638471	1.818656
0.008354	1.687474	153.963914	
0.67534	14.518529	52.638471	1.818656
0.008354	0.599419	145.764552	
0.83767	14.518529	52.638471	1.818656
0.008354	0.246764	169.596356	
1.00000	14.518529	52.638471	1.818656
0.008354	0.748006	202.168150	
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COMB	CAR		MIN
REL DIST	P	M2	V3
0.35069	-9.368891	-132.438685	-0.853596
-0.008932	-1.307601	-147.523851	
0.51301	-9.368891	-132.438685	-0.853596
-0.008932	-0.794110	-79.900089	
0.67534	-9.368891	-132.438685	-0.853596
-0.008932	-0.279766	-47.953367	
0.83767	-9.368891	-132.438685	-0.853596
-0.008932	-0.14034	-34.398642	
1.00000	-9.368891	-132.438685	-0.853596
-0.008932	-1.606635	-23.660186	
COMB	DESIGN		MAX
REL DIST	P	M2	V3
0.35069	14.518529	52.638471	1.818656
0.008354	2.776024	182.604901	
0.51301	14.518529	52.638471	1.818656
0.008354	1.687474	153.963914	
0.67534	14.518529	52.638471	1.818656
0.008354	0.599419	145.764552	
0.83767	14.518529	52.638471	1.818656
0.008354	0.246764	169.596356	
1.00000	14.518529	52.638471	1.818656
0.008354	0.748006	202.168150	
COMB	DESIGN		MIN
REL DIST	P	M2	V3
0.35069	-9.368891	-132.438685	-0.853596
-0.008932	-1.307601	-147.523851	
0.51301	-9.368891	-132.438685	-0.853596
-0.008932	-0.794110	-79.900089	
0.67534	-9.368891	-132.438685	-0.853596
-0.008932	-0.279766	-47.953367	
0.83767	-9.368891	-132.438685	-0.853596
-0.008932	-0.514034	-34.398642	
1.00000	-9.368891	-132.438685	-0.853596
-0.008932	-1.606635	-23.660186	
ELEM	210	=====	LENGTH
	3.706035		
COMB	DB-G1-1		MAX
REL DIST	P	M2	V3
0.00000	1.230323	28.436085	0.429011
2.01E-05	0.373934	1.641280	
0.16231	1.230323	28.436085	0.429011
2.01E-05	0.115880	6.137526	
0.32461	1.230323	28.436085	0.429011
2.01E-05	0.074837	12.182753	
0.48692	1.230323	28.436085	0.429011
2.01E-05	0.212599	18.283757	
0.64922	1.230323	28.436085	0.429011
2.01E-05	0.350275	24.407026	
COMB	DB-G1-1		MIN
REL DIST	P	M2	V3
0.00000	-7.220546	-10.220892	-0.228884
-0.002039	-0.200410	-6.328452	
0.16231	-7.220546	-10.220892	-0.228884
-0.002039	-0.040821	-23.261838	
0.32461	-7.220546	-10.220892	-0.228884
-0.002039	-0.142206	-40.279494	
0.48692	-7.220546	-10.220892	-0.228884
-0.002039	-0.400232	-57.303257	
0.64922	-7.220546	-10.220892	-0.228884
-0.002039	-0.658283	-74.355542	
COMB	DB-G1-2		MAX

REL DIST	P	M2	V2	V3
0.00000	2.167359	137.863154	0.818293	
0.006888	0.742964	202.652744		
0.16231	2.167359	137.863154	0.818293	
0.006888	0.250765	144.289366		
0.32461	2.167359	137.863154	0.818293	
0.006888	0.120411	94.017079		
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REL DIST	P	M2	V2	V3
0.48692	2.167359	137.863154	0.818293	
0.006888	0.341922	81.399550		
0.64922	2.167359	137.863154	0.818293	
0.006888	0.563322	92.633156		
COMB DB-G1-2			MIN	
REL DIST	P	M2	V2	V3
0.00000	-14.610897	-23.455705	-0.368071	
-0.008616	-0.322257	-0.409927		
0.16231	-14.610897	-23.455705	-0.368071	
-0.008616	-0.100703	-15.341055		
0.32461	-14.610897	-23.455705	-0.368071	
-0.008616	-0.267507	-39.504910		
0.48692	-14.610897	-23.455705	-0.368071	
-0.008616	-0.747543	-71.520159		
0.64922	-14.610897	-23.455705	-0.368071	
-0.008616	-1.228614	-140.306188		
COMB DB-G1-3			MAX	
REL DIST	P	M2	M3	V3
0.00000	7.963121	123.080350		1.097104
0.006779	0.980014	195.730870		
0.16231	7.963121	123.080350		1.097104
0.006779	0.320096	168.199209		
0.32461	7.963121	123.080350		1.097104
0.006779	0.149777	149.037957		
0.48692	7.963121	123.080350		1.097104
0.006779	0.425369	161.151442		
0.64922	7.963121	123.080350		1.097104
0.006779	0.700835	193.069133		
COMB DB-G1-3			MIN	
REL DIST	P	M2	M3	V3
0.00000	-13.630871	-57.145053		-0.457976
-0.007331	-0.401060	-0.063998		
0.16231	-13.630871	-57.145053		-0.457976
-0.007331	-0.125438	-13.475210		
0.32461	-13.630871	-57.145053		-0.457976
-0.007331	-0.361455	-36.262231		
0.48692	-13.630871	-57.145053		-0.457976
-0.007331	-1.011260	-67.823519		
0.64922	-13.630871	-57.145053		-0.457976
-0.007331	-1.661929	-130.053947		
COMB DB-G2-1			MAX	
REL DIST	P	M2	M3	V3
0.00000	6.958605	8.828306		0.423489
0.001995	0.598292	1.190199		
0.16231	6.958605	8.828306		0.423489
0.001995	0.113548	0.838670		
0.32461	6.958605	8.828306		0.423489
0.001995	0.064040	0.124368		
0.48692	6.958605	8.828306		0.423489
0.001995	0.181872	22.893191		
0.64922	6.958605	8.828306		0.423489
0.001995	0.299693	36.959376		
COMB DB-G2-1			MIN	
REL DIST	P	M2	M3	V3
0.00000	-1.213872	-23.450072		-0.195876
-2.45E-05	-0.177192	-22.065046		
0.16231	-1.213872	-23.450072		-0.195876
-2.45E-05	-0.053744	-15.305148		
0.32461	-1.213872	-23.450072		-0.195876
-2.45E-05	-0.141203	-15.068534		
0.48692	-1.213872	-23.450072		-0.195876
-2.45E-05	-0.395926	-20.080174		
0.64922	-1.213872	-23.450072		-0.195876
-2.45E-05	-0.650649	-25.310849		
COMB DB-G2-2			MAX	
REL DIST	P	M2	M3	V3
0.00000	9.671594	100.654055		0.824226
0.008486	0.745179	178.351605		
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REL DIST	P	M2	V2	V3
0.16231	9.671594	100.654055	0.824226	
0.008486	0.249383	148.359055		
0.32461	9.671594	100.654055	0.824226	
0.008486	0.106655	110.034391		
0.48692	9.671594	100.654055	0.824226	
0.008486	0.303109	124.053575		
0.64922	9.671594	100.654055	0.824226	
0.008486	0.499433	153.138579		
COMB DB-G2-2			MIN	
REL DIST	P	M2	M3	V3
0.00000	-6.889255	-51.312104		-0.326387
-0.005832	-0.285864	-0.058630		
0.16231	-6.889255	-51.312104		-0.326387
-0.005832	-0.089445	-5.298950		
0.32461	-6.889255	-51.312104		-0.326387
-0.005832	-0.270677	-11.000379		
0.48692	-6.889255	-51.312104		-0.326387
-0.005832	-0.755131	-24.053575		
0.64922	-6.889255	-51.312104		-0.326387
-0.005832	-1.240497	-71.484592		
COMB DB-G2-3			MAX	
REL DIST	P	M2	M3	V3
0.00000	9.494842	128.665305		1.099007
0.007943	0.982486	196.930683		
0.16231	9.494842	128.665305		1.099007
0.007943	0.321478	154.146921		
0.32461	9.494842	128.665305		1.099007
0.007943	0.146948	124.661332		
0.48692	9.494842	128.665305		1.099007
0.007943	0.417739	132.512549		
0.64922	9.494842	128.665305		1.099007
0.007943	0.688312	161.288888		
COMB DB-G2-3			MIN	
REL DIST	P	M2	M3	V3
0.00000	-12.129259	-52.390311		-0.449802
-0.006898	-0.393915	-0.079581		
0.16231	-12.129259	-52.390311		-0.449802
-0.006898	-0.123177	-4.827511		
0.32461	-12.129259	-52.390311		-0.449802
-0.006898	-0.362287	-23.127240		

1283										-0.001872										-1.211385										-0.079372										0.83769										-8.071970										-3.850534										-0.428362										0.83769										-10.472242										-164.997682										-1.148431																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
F R A M E E L E M E N T I N T E R N A L F O R C E S										COMB DB-G2-3										MAX										MAX										COMB DL-G2-2										MAX										COMB DESIGN										MAX										MAX										COMB DB-G1-1										MIN										MIN										COMB DB-G1-2										MAX										COMB DB-G1-3										MIN										COMB DB-G1-4										MAX										COMB DB-G1-5										MIN										COMB DB-G1-6										MAX										COMB DB-G1-7										MIN										COMB DB-G1-8										MAX										COMB DB-G1-9										MIN										COMB DB-G1-10										MAX										COMB DB-G1-11										MIN										COMB DB-G1-12										MAX										COMB DB-G1-13										MIN										COMB DB-G1-14										MAX										COMB DB-G1-15										MIN										COMB DB-G1-16										MAX										COMB DB-G1-17										MIN										COMB DB-G1-18										MAX										COMB DB-G1-19										MIN										COMB DB-G1-20										MAX										COMB DB-G1-21										MIN										COMB DB-G1-22										MAX										COMB DB-G1-23										MIN										COMB DB-G1-24										MAX										COMB DB-G1-25										MIN										COMB DB-G1-26										MAX										COMB DB-G1-27										MIN										COMB DB-G1-28										MAX										COMB DB-G1-29										MIN										COMB DB-G1-30										MAX										COMB DB-G1-31										MIN										COMB DB-G1-32										MAX										COMB DB-G1-33										MIN										COMB DB-G1-34										MAX										COMB DB-G1-35										MIN										COMB DB-G1-36										MAX										COMB DB-G1-37										MIN										COMB DB-G1-38										MAX										COMB DB-G1-39										MIN										COMB DB-G1-40										MAX										COMB DB-G1-41										MIN										COMB DB-G1-42										MAX										COMB DB-G1-43										MIN										COMB DB-G1-44										MAX										COMB DB-G1-45										MIN										COMB DB-G1-46										MAX										COMB DB-G1-47										MIN										COMB DB-G1-48										MAX										COMB DB-G1-49										MIN										COMB DB-G1-50										MAX										COMB DB-G1-51										MIN										COMB DB-G1-52										MAX										COMB DB-G1-53										MIN										COMB DB-G1-54										MAX										COMB DB-G1-55										MIN										COMB DB-G1-56										MAX										COMB DB-G1-57										MIN										COMB DB-G1-58										MAX										COMB DB-G1-59										MIN										COMB DB-G1-60										MAX										COMB DB-G1-61										MIN										COMB DB-G1-62										MAX										COMB DB-G1-63										MIN										COMB DB-G1-64										MAX										COMB DB-G1-65										MIN										COMB DB-G1-66										MAX										COMB DB-G1-67										MIN										COMB DB-G1-68										MAX										COMB DB-G1-69										MIN										COMB DB-G1-70										MAX										COMB DB-G1-71										MIN										COMB DB-G1-72										MAX										COMB DB-G1-73										MIN										COMB DB-G1-74										MAX										COMB DB-G1-75										MIN										COMB DB-G1-76										MAX										COMB DB-G1-77										MIN										COMB DB-G1-78										MAX										COMB DB-G1-79										MIN										COMB DB-G1-80										MAX										COMB DB-G1-81										MIN										COMB DB-G1-82										MAX										COMB DB-G1-83										MIN										COMB DB-G1-84										MAX										COMB DB-G1-85										MIN										COMB DB-G1-86										MAX										COMB DB-G1-87										MIN										COMB DB-G1-88										MAX										COMB DB-G1-89										MIN										COMB DB-G1-90										MAX										COMB DB-G1-91										MIN										COMB DB-G1-92										MAX										COMB DB-G1-93										MIN										COMB DB-G1-94										MAX										COMB DB-G1-95										MIN										COMB DB-G1-96										MAX										COMB DB-G1-97										MIN										COMB DB-G1-98										MAX										COMB DB-G1-99										MIN										COMB DB-G1-100										MAX										COMB DB-G1-101										MIN										COMB DB-G1-102										MAX										COMB DB-G1-103										MIN										COMB DB-G1-104										MAX										COMB DB-G1-105										MIN										COMB DB-G1-106										MAX										COMB DB-G1-107										MIN										COMB DB-G1-108										MAX										COMB DB-G1-109										MIN										COMB DB-G1-110										MAX										COMB DB-G1-111										MIN										COMB DB-G1-112										MAX										COMB DB-G1-113										MIN										COMB DB-G1-114										MAX										COMB DB-G1-115										MIN										COMB DB-G1-116										MAX										COMB DB-G1-117										MIN										COMB DB-G1-118										MAX										COMB DB-G1-119										MIN										COMB DB-G1-120										MAX										COMB DB-G1-121										MIN										COMB DB-G1-122										MAX										COMB DB-G1-123										MIN										COMB DB-G1-124										MAX										COMB DB-G1-125										MIN										COMB DB-G1-126										MAX										COMB DB-G1-127										MIN										COMB DB-G1-128										MAX										COMB DB-G1-129										MIN										COMB DB-G1-130										MAX										COMB DB-G1-131										MIN										COMB DB-G1-132										MAX										COMB DB-G1-133										MIN										COMB DB-G1-134										MAX										COMB DB-G1-135										MIN										COMB DB-G1-136										MAX										COMB DB-G1-137										MIN										COMB DB-G1-138										MAX										COMB DB-G1-139										MIN										COMB DB-G1-140										MAX										COMB DB-G1-141										MIN										COMB DB-G1-142										MAX										COMB DB-G1-143										MIN										COMB DB-G1-144										MAX										COMB DB-G1-145										MIN										COMB DB-G1-146										MAX										COMB DB-G1-147										MIN										COMB DB-G1-148										MAX										COMB DB-G1-149										MIN										COMB DB-G1-150										MAX										COMB DB-G1-151										MIN										COMB DB-G1-152										MAX										COMB DB-G1-153										MIN										COMB DB-G1-154										MAX										COMB DB-G1-155										MIN										COMB DB-G1-156										MAX										COMB DB-G1-157										MIN										COMB DB-G1-158										MAX										COMB DB-G1-159										MIN										COMB DB-G1-160										MAX										COMB DB-G1-161										MIN										COMB DB-G1-162										MAX										COMB DB-G1-163										MIN										COMB DB-G1-164										MAX										COMB DB-G1-165										MIN										COMB DB-G1-166										MAX										COMB DB-G1-167										MIN										COMB DB-G1-168										MAX										COMB DB-G1-169										MIN										COMB DB-G1-170										MAX										COMB DB-G1-171										MIN										COMB DB-G1-172										MAX										COMB DB-G1-173										MIN										COMB DB-G1-174										MAX										COMB DB-G1-175										MIN										COMB DB-G1-176										MAX										COMB DB-G1-177										MIN										COMB DB-G1-178										MAX										COMB DB-G1-179										MIN										COMB DB-G1-180										MAX										COMB DB-G1-181										MIN										COMB DB-G1-182										MAX										COMB DB-G1-183										MIN										COMB DB-G1-184										MAX										COMB DB-G1-185										MIN										COMB DB-G1-186										MAX										COMB DB-G1-187										MIN										COMB DB-G1-188										MAX										COMB DB-G1-189										MIN										COMB DB-G1-190										MAX										COMB DB-G1-191										MIN										COMB DB-G1-192										MAX										COMB DB-G1-193										MIN										COMB DB-G1-194										MAX										COMB DB-G1-195										MIN										COMB DB-G1-196										MAX										COMB DB-G1-197										MIN										COMB DB-G1-198										MAX										COMB DB-G1-199										MIN										COMB DB-G1-200										MAX										COMB DB-G1-201										MIN										COMB DB-G1-202										MAX										COMB DB-G1-203										MIN										COMB DB-G1-204										MAX										COMB DB-G1-205										MIN										COMB DB-G1-206										MAX										COMB DB-G1-207										MIN										COMB DB-G1-208										MAX										COMB DB-G1-209										MIN										COMB DB-G1-210										MAX										COMB DB-G1-211										MIN										COMB DB-G1-212										MAX										COMB DB-G1-213										MIN										COMB DB-G1-214										MAX										COMB DB-G1-215										MIN										COMB DB-G1-216										MAX										COMB DB-G1-217										MIN										COMB DB-G1-218										MAX										COMB DB-G1-219										MIN										COMB DB-G1-220										MAX										COMB DB-G1-221										MIN										COMB DB-G1-222										MAX										COMB DB-G1-223										MIN										COMB DB-G1-224										MAX										COMB DB-G1-225										MIN										COMB DB-G1-226										MAX										COMB DB-G1-227										MIN										COMB DB-G1-228										MAX										COMB DB-G1-229										MIN										COMB DB-G1-230										MAX										COMB DB-G1-231										MIN										COMB DB-G1-232										MAX										COMB DB-G1-233										MIN										COMB DB-G1-234										MAX										COMB DB-G1-235										MIN										COMB DB-G1-236										MAX										COMB DB-G1-237										MIN										COMB DB-G1-238										MAX										COMB DB-G1-239										MIN										COMB DB-G1-240										MAX										COMB DB-G1-241										MIN										COMB DB-G1-242										MAX										COMB DB-G1-243										MIN										COMB DB-G1-244										MAX										COMB DB-G1-245										MIN										COMB DB-G1-246										MAX										COMB DB-G1-247										MIN										COMB DB-G1-248										MAX										COMB DB-G1-249										MIN										COMB DB-G1-250										MAX										COMB DB-G1-251										MIN										COMB DB-G1-252										MAX										COMB DB-G1-253										MIN										COMB DB-G1-254										MAX										COMB DB-G1-255										MIN										COMB DB-G1-256										MAX										COMB DB-G1-257										MIN										COMB DB-G1-258										MAX										COMB DB-G1-259										MIN										COMB DB-G1-260										MAX										COMB DB-G1-261										MIN										COMB DB-G1-262										MAX										COMB DB-G1-263										MIN										COMB DB-G1-264										MAX										COMB DB-G1-265										MIN										COMB DB-G1-266										MAX										COMB DB-G1-267										MIN										COMB DB-G1-268										MAX										COMB DB-G1-269										MIN										COMB DB-G1-270										MAX										COMB DB-G1-271										MIN										COMB DB-G1-272										MAX										COMB DB-G1-273										MIN										COMB DB-G1-274										MAX										COMB DB-G1-275										MIN										COMB DB-G1-276										MAX										COMB DB-G1-277										MIN										COMB DB-G1-278										MAX										COMB DB-G1-279										MIN										COMB DB-G1-280										MAX										COMB DB-G1-281										MIN										COMB DB-G1-282										MAX										COMB DB-G1-283										MIN										COMB DB-G1-284										MAX										COMB DB-G1-285										MIN										COMB DB-G1-286										MAX										COMB DB-G1-287										MIN										COMB DB-G1-288										MAX										COMB DB-G1-289										MIN										COMB DB-G1-290										MAX										COMB DB-G1-291										MIN										COMB DB-G1-292										MAX										COMB DB-G1-293										MIN										COMB DB-G1-294										MAX										COMB DB-G1-295										MIN										COMB DB-G1-296										MAX										COMB DB-G1-297										MIN										COMB DB-G1-298										MAX										COMB DB-G1-299										MIN										COMB DB-G1-300										MAX										COMB DB-G1-301										MIN										COMB DB-G1-302										MAX										COMB DB-G1-303										MIN										COMB DB-G1-304										MAX										COMB DB-G1-305										MIN										COMB DB-G1-306										MAX										COMB DB-G1-307										MIN										COMB DB-G1-308										MAX										COMB DB-G1-309										MIN										COMB DB-G1-310										MAX										COMB DB-G1-311										MIN										COMB DB-G1-312										MAX										COMB DB-G1-313										MIN										COMB DB-G1-314										MAX										COMB DB-G1-315										MIN										COMB DB-G1-316										MAX										COMB DB-G1-317										MIN										COMB DB-G1-318										MAX										COMB DB-G1-319										MIN										COMB DB-G1-320										MAX										COMB DB-G1-321										MIN										COMB DB-G1-322										MAX										COMB DB-G1-323										MIN										COMB DB-G1-324										MAX										COMB DB-G1-325										MIN										COMB DB-G1-326										MAX										COMB DB-G1-327										MIN										COMB DB-G1-328										MAX										COMB DB-G1-329										MIN										COMB DB-G1-330										MAX										COMB DB-G1-331										MIN										COMB DB-G1-332										MAX										COMB DB-G1-333										MIN										COMB DB-G1-334										MAX										COMB DB-G1-335										MIN										COMB DB-G1-336										MAX										COMB DB-G1-337										MIN										COMB DB-G1-338										MAX										COMB DB-G1-339										MIN										COMB DB-G1-340										MAX										COMB DB-G1-341										MIN										COMB DB-G1-342										MAX										COMB DB-G1-343										MIN										COMB DB-G1-344										MAX										COMB DB-G1-345										MIN										COMB DB-G1-346										MAX										COMB DB-G1-347										MIN										COMB DB-G1-348										MAX										COMB DB-G1-349										MIN										COMB DB-G1-350										MAX										COMB DB-G1-351										MIN										COMB DB-G1-352										MAX										COMB DB-G1-353										MIN										COMB DB-G1-354										MAX										COMB DB-G1-355										MIN										COMB DB-G1-356										MAX										COMB DB-G1-357										MIN										COMB DB-G1-358										MAX										COMB DB-G1-359										MIN										COMB DB-G1-360										MAX										COMB DB-G1-361										MIN										COMB DB-G1-362										MAX										COMB DB-G1-363										MIN										COMB DB-G1-364										MAX										COMB DB-G1-365										MIN										COMB DB-G1-366										MAX										COMB DB-G1-367										MIN										COMB DB-G1-368										MAX										COMB DB-G1-369										MIN										COMB DB-G1-370										MAX										COMB DB-G1-371										MIN										COMB DB-G1-372										MAX										COMB DB-G1-373										MIN										COMB DB-G1-374										MAX										COMB DB-G1-375										MIN										COMB DB-G1-376										MAX										COMB DB-G1-377										MIN										COMB DB-G1-378										MAX										COMB DB-G1-379										MIN										COMB DB-G1-380										MAX										COMB DB-G1-381										MIN										COMB DB-G1-382										MAX										COMB DB-G1-383										MIN										COMB DB-G1-384										MAX										COMB DB-G1-385										MIN										COMB DB-G1-386										MAX										COMB DB-G1-387										MIN										COMB DB-G1-388										MAX										COMB DB-G1-389										MIN										COMB DB-G1-390										MAX										COMB DB-G1-391										MIN										COMB DB-G1-392										MAX										COMB DB-G1-393										MIN										COMB DB-G1-394										MAX										COMB DB-G1-395										MIN										COMB DB-G1-396										MAX										COMB DB-G1-397										MIN										COMB DB-G1-398										MAX										COMB DB-G1-399										MIN										COMB DB-G1-400										MAX										COMB DB-G1-401										MIN										COMB DB-G1-402										MAX										COMB DB-G1-403										MIN										COMB DB-G1-404										MAX										COMB DB-G1-405										MIN										COMB DB-G1-406										MAX										COMB DB-G1-407										MIN										COMB DB-G1-408										MAX										COMB DB-G1-409										MIN										COMB DB-G1-410										MAX										COMB DB-G1-411										MIN										COMB DB-G1-412										MAX										COMB DB-G1-413										MIN										COMB DB-G1-414										MAX										COMB DB-G1-415										MIN										COMB DB-G1-416										MAX										COMB DB-G1-417										MIN										COMB DB-G1-418										MAX										COMB DB-G1-419										MIN										COMB DB-G1-420										MAX										COMB DB-G1-421										MIN										COMB DB-G1-422										MAX										COMB DB-G1-423										MIN										COMB DB-G1-424										MAX										COMB DB-G1-425										MIN										COMB DB-G1-426										MAX										COMB DB-G1-427										MIN										COMB DB-G1-428										MAX										COMB DB-G1-429										MIN										COMB DB-G1-430										MAX										COMB DB-G1-431										MIN										COMB DB-G1-432										MAX										COMB DB-G1-433										MIN										COMB DB-G1									

-2.47E-05 -0.846165 -129.134154

COMB DB-G2-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 1.369443 140.667459 1.184140
0.004755 1.239877 170.821742
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FRAME ELEMENT INTERNA

REL DIST P M2 V2 V3
0.16233 1.369443 140.667459 1.184140
0.004755 1.239877 170.821742
0.32467 1.369443 140.667459 1.184140
0.004755 1.065880 79.414293
0.48700 1.369443 140.667459 1.184140
0.004755 1.369443 140.667459 1.184140
0.64933 1.369443 140.667459 1.184140
0.004755 1.585150 85.069061

COMB DB-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -1.155675 -18.346220 -0.431327
-0.003852 -0.453154 -0.078488
0.16233 -1.155675 -18.346220 -0.431327
-0.003852 -0.193552 -33.469038
0.32467 -1.155675 -18.346220 -0.431327
-0.003852 -0.182369 -68.076603
0.48700 -1.155675 -18.346220 -0.431327
-0.003852 -0.897996 -112.145149
0.64933 -1.155675 -18.346220 -0.431327
-0.003852 -1.610620 -192.470574

COMB DB-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 5.531751 138.638652 1.584686
0.004528 5.531751 138.638652 1.584686
0.16233 5.531751 138.638652 1.584686
0.004528 7.156118 149.831780 1.584686
0.32467 5.531751 138.638652 1.584686
0.004528 0.009678 127.189259 1.584686
0.48700 5.531751 138.638652 1.584686
0.004528 0.447845 144.206166 1.584686
0.64933 5.531751 138.638652 1.584686
0.004528 0.804893 170.550886

COMB DB-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -10.756020 -49.322247 -0.593292
-0.005306 -0.623297 -0.127331
0.16233 -10.756020 -49.322247 -0.593292
-0.005306 -0.266212 -31.223872
0.32467 -10.756020 -49.322247 -0.593292
-0.005306 -0.245586 -64.108525
0.48700 -10.756020 -49.322247 -0.593292
-0.005306 -1.199585 -105.847455
0.64933 -10.756020 -49.322247 -0.593292
-0.005306 -2.152931 -181.387038

COMB DL-G1-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 7.901373 5.897209 1.134856
2.39E-05 1.193972 1.821475
0.16233 7.901373 5.897209 1.134856
2.39E-05 0.510860 37.370480
0.32467 7.901373 5.897209 1.134856
2.39E-05 0.091706 76.743520
0.48700 7.901373 5.897209 1.134856
2.39E-05 0.453267 116.339528
0.64933 7.901373 5.897209 1.134856
2.39E-05 0.814784 155.994466

COMB DL-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.781129 -65.945685 -0.600620
-0.002974 -0.630919 -5.290577
0.16233 -0.781129 -65.945685 -0.600620
-0.002974 -0.623297 -9.374411
0.32467 -0.781129 -65.945685 -0.600620
-0.002974 -0.170249 -6.549502
0.48700 -0.781129 -65.945685 -0.600620
-0.002974 -0.832722 -9.374411
0.64933 -0.781129 -65.945685 -0.600620
-0.002974 -1.536985 -13.478878
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FRAME ELEMENT INTERNA

REL DIST P M2 V2 V3
0.00000 10.301183 99.062049 1.947205
0.001266 2.050704 200.000596
0.16233 10.301183 99.062049 1.947205
0.001266 0.886158 186.861598
0.32467 10.301183 99.062049 1.947205
0.001266 0.141090 178.594012
0.48700 10.301183 99.062049 1.947205
0.001266 6.001593 60.015493
0.64933 10.301183 99.062049 1.947205
0.001266 1.253478 256.930662

COMB DL-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -6.423328 -88.862189 -0.924000
-0.007552 -0.970377 -0.079312
0.16233 -6.423328 -88.862189 -0.924000
-0.007552 -0.414345 -3.244350
0.32467 -6.423328 -88.862189 -0.924000
-0.007552 -0.290619 -7.178914
0.48700 -6.423328 -88.862189 -0.924000
-0.007552 -0.426511 -21.076100
0.64933 -6.423328 -88.862189 -0.924000
-0.007552 -2.635077 -77.515272

COMB DL-G1-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 9.752434 119.183215 2.614814
0.002916 2.747694 194.842545
0.16233 9.752434 119.183215 2.614814
0.002916 1.180168 182.89670
0.32467 9.752434 119.183215 2.614814
0.002916 0.176193 183.867961
0.48700 9.752434 119.183215 2.614814
0.002916 0.870730 217.885028
0.64933 9.752434 119.183215 2.614814
0.002916 1.565044 265.541019

COMB DL-G1-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -9.021240 -87.941796 -1.153564
-0.006473 -0.901580 -24.118941
0.16233 -9.021240 -87.941796 -1.153564
-0.006473 -0.517320 -11.935248
0.32467 -9.021240 -87.941796 -1.153564
-0.006473 -0.397752 -36.416732

0.48700 -9.021240 -87.941796 -1.153564
-0.006473 -1.971255 -70.025634
-0.006473 -9.021240 -87.941796 -1.153564
-0.006473 -3.545424 -138.689054

COMB DL-G2-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.294352 64.376039 1.078098
0.002939 1.128239 64.376039 1.078098
0.16233 0.294352 64.376039 1.078098
0.002939 0.479481 2.493669
0.32467 0.294352 64.376039 1.078098
0.002939 0.065089 4.591539
0.48700 0.294352 64.376039 1.078098
0.002939 0.325310 6.802318
0.64933 0.294352 64.376039 1.078098
0.002939 0.563693 9.041593

COMB DL-G2-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -6.300396 -3.813265 -0.430005
-0.267E-05 -45.1871 -24.118941
0.16233 -6.300396 -3.813265 -0.430005
-0.267E-05 -0.192985 -55.795065
0.32467 -6.300396 -3.813265 -0.430005
-0.267E-05 -0.169861 -94.066868
0.48700 -6.300396 -3.813265 -0.430005
-0.267E-05 -0.818449 -132.489184
0.64933 -6.300396 -3.813265 -0.430005
-0.267E-05 -1.467216 -171.026253
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNA

REL DIST P M2 V2 V3
0.00000 1.626519 155.244829 1.908105
0.004510 2.002095 172.641829 1.908105
0.16233 1.626519 155.244829 1.908105
0.004510 0.861072 125.077980
0.32467 1.626519 155.244829 1.908105
0.004510 0.111584 100.000000
0.48700 1.626519 155.244829 1.908105
0.004510 0.552578 71.118528
0.64933 1.626519 155.244829 1.908105
0.004510 0.991643 77.156057

COMB DL-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -12.056278 -19.223769 -0.730791
-0.003847 -0.767716 -0.139661
0.16233 -12.056278 -19.223769 -0.730791
-0.003847 -0.327797 -41.447983
0.32467 -12.056278 -19.223769 -0.730791
-0.003847 -0.294958 -84.198094
0.48700 -12.056278 -19.223769 -0.730791
-0.003847 -1.442342 -135.874759
0.64933 -12.056278 -19.223769 -0.730791
-0.003847 -2.590934 -226.824153

COMB DL-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 6.410023 151.371091 2.608953
0.004233 2.739201 192.378905
0.16233 6.410023 151.371091 2.608953
0.004233 1.75339 161.69143 2.608953
0.32467 6.410023 151.371091 2.608953
0.004233 0.168205 142.469983
0.48700 6.410023 151.371091 2.608953
0.004233 0.829777 156.253413
0.64933 6.410023 151.371091 2.608953
0.004233 1.488006 183.942888

COMB DL-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -11.843137 -56.008481 -1.096695
-0.005425 -1.152267 -0.152681
0.16233 -11.843137 -56.008481 -1.096695
-0.005425 -0.492328 -38.101629
0.32467 -11.843137 -56.008481 -1.096695
-0.005425 -0.399919 -79.198708
0.48700 -11.843137 -56.008481 -1.096695
-0.005425 -0.969494 -128.071117
0.64933 -11.843137 -56.008481 -1.096695
-0.005425 -3.540053 -212.669196

COMB DB ----- MAX

REL DIST P M2 V2 V3
0.00000 8.810631 140.667459 1.584686
0.004755 1.661772 197.566551
0.16233 8.810631 140.667459 1.584686
0.004755 0.715618 179.123176
0.32467 8.810631 140.667459 1.584686
0.004755 0.092350 174.207261
0.48700 8.810631 140.667459 1.584686
0.004755 0.458217 206.566041
0.64933 8.810631 140.667459 1.584686
0.004755 0.819935 248.032512

COMB DB ----- MIN

REL DIST P M2 V2 V3
0.00000 -11.155675 -75.131465 -0.604376
-0.007010 -0.634937 -25.306860
0.16233 -11.155675 -75.131465 -0.604376
-0.007010 -0.271188 -40.910145
0.32467 -11.155675 -75.131465 -0.604376
-0.007010 -0.245586 -64.108528
0.48700 -11.155675 -75.131465 -0.604376
-0.007010 -1.199255 -112.145149
0.64933 -11.155675 -75.131465 -0.604376
-0.007010 -2.152931 -192.470574
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FRAME ELEMENT INTERNA

REL DIST P M2 V2 V3
0.00000 10.301183 155.244829 2.614814
0.004510 2.747694 200.000596
0.16233 10.301183 155.244829 2.614814
0.004510 1.180168 186.861598
0.32467 10.301183 155.244829 2.614814
0.004510 0.176193 183.867961
0.48700 10.301183 155.244829 2.614814
0.004510 0.870730 217.885028
0.64933 10.301183 155.244829 2.614814
0.004510 1.565044 265.541019

COMB DL ----- MIN

REL DIST P M2 V2 V3
0.00000 -12.056278 -88.862189 -1.153564
-0.007552 -1.211580 -24.118941
0.16233 -12.056278 -88.862189 -1.153564
-0.007552 -0.517320 -11.935248
0.32467 -12.056278 -88.862189 -1.153564
-0.007552 -0.399919 -94.066868

0.48700 -12.056278 -88.862189 -1.153564
-0.007552 -1.971255 -70.025634
0.64933 -12.056278 -88.862189 -1.153564
-0.007552 -3.545424 -138.689054

COMB CAR ----- MAX

REL DIST P M2 V2 V3
0.00000 10.301183 155.244829 2.614814
0.004755 2.747694 200.000596
0.16233 10.301183 155.244829 2.614814
0.004755 1.180168 186.861598
0.32467 10.301183 155.244829 2.614814
0.004755 0.176193 183.867961
0.48700 10.301183 155.244829 2.614814
0.004755 0.870730 217.885028
0.64933 10.301183 155.244829 2.614814
0.004755 1.565044 265.541019

COMB CAR ----- MIN

REL DIST P M2 V2 V3
0.00000 -12.056278 -88.862189 -1.153564
-0.007552 -1.211580 -25.306860
0.16233 -12.056278 -88.862189 -1.153564
-0.007552 -0.517320 -11.935248
0.32467 -12.056278 -88.862189 -1.153564
-0.007552 -0.399919 -94.066868
0.48700 -12.056278 -88.862189 -1.153564
-0.007552 -1.971255 -135.874759
0.64933 -12.056278 -88.862189 -1.153564
-0.007552 -3.545424 -226.824153

COMB DESIGN ----- MAX

REL DIST P M2 V2 V3
0.00000 10.301183 155.244829 2.614814
0.004755 2.747694 200.000596
0.16233 10.301183 155.244829 2.614814
0.004755 1.180168 186.861598
0.32467 10.301183 155.244829 2.614814
0.004755 0.176193 183.867961
0.48700 10.301183 155.244829 2.614814
0.004755 0.870730 217.885028
0.64933 10.301183 155.244829 2.614814
0.004755 1.565044 265.541019

COMB DESIGN ----- MIN

REL DIST P M2 V2 V3
0.00000 -12.056278 -88.862189 -1.153564
-0.007552 -1.211580 -25.306860
0.16233 -12.056278 -88.862189 -1.153564
-0.007552 -0.517320 -11.935248
0.32467 -12.056278 -88.862189 -1.153564
-0.007552 -0.399919 -94.066868
0.48700 -12.056278 -88.862189 -1.153564
-0.007552 -1.971255 -135.874759
0.64933 -12.056278 -88.862189 -1.153564
-0.007552 -3.545424 -226.824153
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FRAME ELEMENT INTERNA

ELEM 213 ----- LENGTH = 3.706861
COMB DB-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.35070 10.727325 6.944639 0.581296
2.74E-05 0.832524 17.382227
0.51303 10.727325 6.944639 0.581296
0.32467 10.727325 6.944639 0.581296
0.67535 10.727325 6.944639 0.581296
2.74E-05 0.132985 9.116826
0.83768 10.727325 6.944639 0.581296
2.74E-05 0.039904 9.116826
1.00000 10.727325 6.944639 0.581296
2.74E-05 0.257862 1.853295

COMB DB-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.35070 -0.619569 -85.829885 -0.263907
-0.002550 -0.377324 -207.645422
0.51303 -0.619569 -85.829885 -0.263907
-0.002550 0.218527 -156.048394
0.67535 -0.619569 -85.829885 -0.263907
-0.002550 -0.059711 -104.753206
0.83768 -0.619569 -85.829885 -0.263907
-0.002550 0.216819 53.483254
0.001266 -0.619569 -85.829885 -0.263907
-0.002550 -0.566593 -4.756667

COMB DB-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.35070 16.915991 34.173588 1.071145
0.001428 0.532540 114.453955
0.51303 16.915991 34.173588 1.071145
0.001428 0.888019 98.549008
0.67535 16.915991 34.173588 1.071145
0.001428 0.226560 98.23257
0.83768 16.915991 34.173588 1.071145
0.001428 0.160859 132.769698
1.00000 16.915991 34.173588 1.071145
0.001428 0.419081 183.847546

COMB DB-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.35070 -2.224233 -175.057958 -0.429072
-0.004077 -0.313634 -267.536917
0.51303 -2.224233 -175.057958 -0.429072
-0.004077 -0.355454 -168.189056
0.67535 -2.224233 -175.057958 -0.429072
-0.004077 -0.097116 -110.096500
0.83768 -2.224233 -175.057958 -0.429072
-0.004077 -0.401084 -52.173377
1.00000 -2.224233 -175.057958 -0.42

0.48698 -18.071518 -95.471541 -0.968750
0.003064 -18.119154 -205.007637 -0.968750
0.004095 -31.314328 -308.581816 -0.968750
COMB DB MAX
REL DIST P V2 V3
T M2 M3
0.00000 11.983228 168.494746 1.410543
0.004095 185.313136 1.410543
0.16233 11.983228 168.494746 1.410543
0.004085 0.527939 189.510122 1.410543
0.32466 11.983228 168.494746 1.410543
0.004095 0.230928 240.306591 1.410543
0.48698 11.983228 168.494746 1.410543
0.004085 0.441951 265.630787 1.410543
0.64931 11.983228 168.494746 1.410543
0.004085 0.762780 337.009510 1.410543
COMB DB MIN
REL DIST P V2 V3
T M2 M3
0.00000 -17.322132 -124.374878 -0.533162
-0.004327 -0.520535 -25.679067 -0.533162
0.16233 -17.322132 -124.374878 -0.533162
-0.004327 -0.196643 -61.665314 -0.533162
0.32466 -17.322132 -124.374878 -0.533162
-0.004327 -0.320928 -240.306591 -0.533162
0.48698 -17.322132 -124.374878 -0.533162
-0.004327 -1.169686 -174.110476 -0.533162
0.64931 -17.322132 -124.374878 -0.533162
-0.004327 -2.018473 -271.190935 -0.533162
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES
COMB DL MAX
REL DIST P V2 V3
T M2 M3
0.00000 13.751866 181.371607 2.318139
0.004390 170.559995 2.318139
0.16233 13.751866 181.371607 2.318139
0.004390 0.868339 201.786760 2.318139
0.32466 13.751866 181.371607 2.318139
0.004390 0.230928 240.306591 2.318139
0.48698 13.751866 181.371607 2.318139
0.004390 0.844266 318.689099 2.318139
0.64931 13.751866 181.371607 2.318139
0.004390 1.457284 405.532260 2.318139
COMB DL MIN
REL DIST P V2 V3
T M2 M3
0.00000 -18.854502 -149.468963 -1.018906
-0.004714 -0.994878 -24.419814 -1.018906
0.16233 -18.854502 -149.468963 -1.018906
-0.004714 -0.381343 -80.639415 -1.018906
0.32466 -18.854502 -149.468963 -1.018906
-0.004714 -0.524954 -144.573603 -1.018906
0.48698 -18.854502 -149.468963 -1.018906
-0.004714 -1.919514 -217.834155 -1.018906
0.64931 -18.854502 -149.468963 -1.018906
-0.004714 -3.314484 -324.483115 -1.018906
COMB CAR MAX
REL DIST P V2 V3
T M2 M3
0.00000 13.751866 181.371607 2.318139
0.004390 2.263517 185.331036 2.318139
0.16233 13.751866 181.371607 2.318139
0.004390 0.868339 201.786760 2.318139
0.32466 13.751866 181.371607 2.318139
0.004390 0.230928 240.306591 2.318139
0.48698 13.751866 181.371607 2.318139
0.004390 0.844266 318.689099 2.318139
0.64931 13.751866 181.371607 2.318139
0.004390 1.457284 405.532260 2.318139
COMB CAR MIN
REL DIST P V2 V3
T M2 M3
0.00000 -18.854502 -149.468963 -1.018906
-0.004714 -0.994878 -25.679067 -1.018906
0.16233 -18.854502 -149.468963 -1.018906
-0.004714 -0.381343 -80.639415 -1.018906
0.32466 -18.854502 -149.468963 -1.018906
-0.004714 -0.524954 -144.573603 -1.018906
0.48698 -18.854502 -149.468963 -1.018906
-0.004714 -1.919514 -217.834155 -1.018906
0.64931 -18.854502 -149.468963 -1.018906
-0.004714 -3.314484 -324.483115 -1.018906
COMB DESIGN MAX
REL DIST P V2 V3
T M2 M3
0.00000 13.751866 181.371607 2.318139
0.004390 2.263517 185.331036 2.318139
0.16233 13.751866 181.371607 2.318139
0.004390 0.868339 201.786760 2.318139
0.32466 13.751866 181.371607 2.318139
0.004390 0.230928 240.306591 2.318139
0.48698 13.751866 181.371607 2.318139
0.004390 0.844266 318.689099 2.318139
0.64931 13.751866 181.371607 2.318139
0.004390 1.457284 405.532260 2.318139
COMB DESIGN MIN
REL DIST P V2 V3
T M2 M3
0.00000 -18.854502 -149.468963 -1.018906
-0.004714 -0.994878 -25.679067 -1.018906
0.16233 -18.854502 -149.468963 -1.018906
-0.004714 -0.381343 -80.639415 -1.018906
0.32466 -18.854502 -149.468963 -1.018906
-0.004714 -0.524954 -144.573603 -1.018906
0.48698 -18.854502 -149.468963 -1.018906
-0.004714 -1.919514 -217.834155 -1.018906
0.64931 -18.854502 -149.468963 -1.018906
-0.004714 -3.314484 -324.483115 -1.018906
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FRAME ELEMENT INTERNAL FORCES
ELEM 215 LENGTH = 4.527764
COMB DB-G1-1 MAX
REL DIST P V2 V3
T M2 M3
0.00000 0.094505 0.161388 0.180954
2.76E-05 0.430225 0.258225 0.180954
2.5000 0.094505 0.195833 0.180954
2.76E-05 0.228547 1.096631 0.180954
0.50000 0.094505 0.227728 0.180954
2.76E-05 0.202375 2.582742 0.180954
0.75000 0.094505 0.252533 0.180954
2.76E-05 0.102669 3.769539 0.180954
1.00000 0.094505 0.274945 0.180954
2.76E-05 0.215621 4.947485 0.180954
COMB DB-G1-1 MIN
REL DIST P V2 V3
T M2 M3
0.00000 -0.002868 -1.212541 -0.099767
-0.002663 -0.236103 -0.025904 -0.099767
0.25000 -0.002868 -1.172628 -0.099767

-0.002663 -0.123161 -0.180083
0.50000 -0.002868 -1.142046 -0.099767
-0.002663 -0.009499 -0.382569 -0.099767
0.75000 -0.002868 -1.155660 -0.099767
-0.002663 -0.181201 -0.545271 -0.099767
1.00000 -0.002868 -1.096828 -0.099767
-0.002663 -0.386026 -0.772324 -0.099767
COMB DB-G1-2 MAX
REL DIST P V2 V3
T M2 M3
0.00000 0.113921 12.709658 0.356387
7.66E-05 0.905871 0.022503 0.356387
0.00000 0.113921 57.108212 0.356387
7.66E-05 0.521090 17.213829 0.356387
0.50000 0.113921 98.220829 0.356387
7.66E-05 0.136366 145.888300 0.356387
0.75000 0.113921 130.156206 0.356387
1.00000 0.113921 159.084541 0.356387
7.66E-05 0.350913 26.768764 0.356387
COMB DB-G1-2 MIN
REL DIST P V2 V3
T M2 M3
0.00000 -0.005130 -155.075469 -0.162681
-0.003084 -0.385627 -0.078496 -0.162681
0.00000 -0.005130 -103.627702 -0.162681
-0.003084 -0.201415 -14.391493 -0.162681
0.50000 -0.005130 -64.207119 -0.162681
-0.003084 -0.404895 -28.777921 -0.162681
0.75000 -0.005130 -30.696666 -0.162681
1.00000 -0.005130 -5.921543 -0.162681
-0.003084 -0.401114 -43.164504 -0.162681
-0.003084 -0.799587 -114.744910 -0.162681
COMB DB-G1-3 MAX
REL DIST P V2 V3
T M2 M3
0.00000 0.106342 10.697942 0.464318
0.001908 1.155251 0.035078 0.464318
0.25000 0.106342 47.556666 0.464318
0.001908 0.645144 98.155995 0.464318
0.50000 0.106342 81.687472 0.464318
0.001908 0.135005 123.179212 0.464318
0.75000 0.106342 108.231912 0.464318
0.001908 0.257505 98.123113 0.464318
1.00000 0.106342 132.215213 0.464318
0.001908 0.542277 27.368761 0.464318
COMB DB-G1-3 MIN
REL DIST P V2 V3
T M2 M3
0.00000 -0.075563 -129.881121 -0.251524
-0.002928 -0.596531 -0.089861 -0.251524
0.25000 -0.075563 -87.107194 -0.251524
-0.002928 -0.317155 -12.100660 -0.251524
0.50000 -0.075563 -52.444077 -0.251524
-0.002928 -0.053132 -24.209948 -0.251524
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FRAME ELEMENT INTERNAL FORCES
REL DIST P V2 V3
T M2 M3
0.75000 -0.075563 -26.101358 -0.251524
-0.002928 -0.501861 -36.306766 -0.251524
1.00000 -0.075563 -95.068488 -0.251524
-0.002928 -1.023343 -95.909881 -0.251524
COMB DB-G2-1 MAX
REL DIST P V2 V3
T M2 M3
0.00000 0.002751 0.157233 0.165258
0.00000 0.002751 0.020784 0.165258
0.25000 0.002751 0.192294 0.165258
0.002604 0.208554 1.232692 0.165258
0.50000 0.002751 0.224189 0.165258
0.002604 0.021486 2.412373 0.165258
0.75000 0.002751 0.248995 0.165258
0.002604 0.149474 3.536711 0.165258
1.00000 0.002751 0.271407 0.165258
0.002604 0.314822 4.636199 0.165258
COMB DB-G2-1 MIN
REL DIST P V2 V3
T M2 M3
0.00000 -0.099152 -1.43228 -0.146074
0.24E-05 0.045670 92.002351 -0.146074
0.25000 -0.099152 -1.103315 -0.146074
-2.24E-05 -0.181207 -0.163425 -0.146074
0.50000 -0.099152 -1.072737 -0.146074
-2.24E-05 -0.015715 -0.141189 -0.146074
0.75000 -0.099152 -1.042343 -0.146074
-2.24E-05 -0.165705 -0.520539 -0.146074
1.00000 -0.099152 -1.027515 -0.146074
-2.24E-05 -0.352718 -0.743586 -0.146074
COMB DB-G2-2 MAX
REL DIST P V2 V3
T M2 M3
0.00000 0.006804 0.1900281 0.341712
0.003193 0.967148 0.031417 0.341712
0.00000 0.006804 55.405228 0.341712
0.003193 0.497764 109.669438 0.341712
0.50000 0.006804 91.838963 0.341712
0.003193 0.128495 135.973783 0.341712
0.75000 0.006804 121.729793 0.341712
0.003193 0.228181 95.623514 0.341712
1.00000 0.006804 148.736886 0.341712
0.003193 0.814241 25.238466 0.341712
COMB DB-G2-2 MIN
REL DIST P V2 V3
T M2 M3
0.00000 -0.120915 -145.036516 -0.223477
-8.30E-07 -0.530584 -0.074369 -0.223477
0.25000 -0.120915 -96.941435 -0.223477
-8.30E-07 -0.271519 -18.458664 -0.223477
0.50000 -0.120915 -60.089766 -0.223477
-8.30E-07 -0.054154 -26.929307 -0.223477
0.75000 -0.120915 -28.174080 -0.223477
-8.30E-07 -0.383707 -40.40024 -0.223477
1.00000 -0.120915 -5.602474 -0.223477
-8.30E-07 -0.765883 -107.337252 -0.223477
COMB DB-G2-3 MAX
REL DIST P V2 V3
T M2 M3
0.00000 0.072649 11.209981 0.461085
0.003057 1.149500 0.037113 0.461085
0.25000 0.072649 49.897691 0.461085
0.003057 0.645111 98.155995 0.461085
0.50000 0.072649 85.722119 0.461085
0.003057 0.138187 128.887839 0.461085
0.75000 0.072649 113.583734 0.461085
0.003057 0.030972 130.156206 0.461085
1.00000 0.072649 137.751224 0.461085
0.003057 0.570028 27.915018 0.461085
COMB DB-G2-3 MIN
REL DIST P V2 V3
T M2 M3
0.00000 -0.112710 -136.145646 -0.264464
-0.001774 -0.627379 -0.090476 -0.264464
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FRAME ELEMENT INTERNAL FORCES
REL DIST P V2 V3
T M2 M3
0.25000 -0.112710 -91.315443 -0.264464
-0.001774 -0.327911 12.675784 -0.264464
0.50000 -0.112710 -56.965406 -0.264464
-0.001774 -0.056102 -25.364620 -0.264464
0.75000 -0.112710 -27.216278 -0.264464
-0.001774 -0.025307 -13.330000 -0.264464
1.00000 -0.112710 -6.176919 -0.264464
-0.001774 -1.018195 -100.579702 -0.264464
COMB DL-G1-1 MAX
REL DIST P V2 V3
T M2 M3
0.00000 0.086508 0.219988 0.263823
2.94E-05 0.630505 0.018012 0.263823
0.25000 0.086508 0.234684 0.263823
2.94E-05 0.331916 2.47975 0.263823
0.50000 0.086508 0.254495 0.263823
2.94E-05 0.033193 2.477463 0.263823
0.75000 0.086508 0.272914 0.263823
2.94E-05 0.142163 3.67979 0.263823
1.00000 0.086508 0.288186 0.263823
2.94E-05 0.299057 4.874807 0.263823
COMB DL-G1-1 MIN
REL DIST P V2 V3
T M2 M3
0.00000 -0.003563 -1.287721 -0.138665
-0.002841 -0.328533 -0.037755 -0.138665
0.25000 -0.003563 -1.263790 -0.138665
-0.002841 -0.171685 -0.235108 -0.138665
0.50000 -0.003563 -1.243055 -0.138665
-0.002841 -0.014511 -0.467664 -0.138665
0.75000 -0.003563 -1.227323 -0.138665
-0.002841 -0.264875 -0.700103 -0.138665
1.00000 -0.003563 -1.217467 -0.138665
-0.002841 -0.563430 -0.954713 -0.138665
COMB DL-G1-2 MAX
REL DIST P V2 V3
T M2 M3
0.00000 0.108148 13.023782 0.485091
2.95E-05 0.025988 0.02551 0.485091
0.25000 0.108148 42.342476 0.485091
5.96E-05 0.680090 85.009844 0.485091
0.50000 0.108148 81.866573 0.485091
5.96E-05 0.108148 18.610953 0.485091
0.75000 0.108148 118.610953 0.485091
5.96E-05 0.246809 68.270136 0.485091
1.00000 0.108148 149.079648 0.485091
5.96E-05 0.505754 18.434660 0.485091
COMB DL-G1-2 MIN
REL DIST P V2 V3
T M2 M3
0.00000 -0.005587 -144.277016 -0.235203
-0.003254 -0.055790 -0.092587 -0.235203
0.25000 -0.005587 -97.471763 -0.235203
-0.003254 -0.291404 -11.606250 -0.235203
0.50000 -0.005587 -56.803299 -0.235203
-0.003254 -0.061141 23.220362 -0.235203
0.75000 -0.005587 27.206991 -0.235203
-0.003254 -0.519631 -34.857218 -0.235203
1.00000 -0.005587 -5.058487 -0.235203
-0.003254 -1.065466 -90.799946 -0.235203
COMB DL-G1-3 MAX
REL DIST P V2 V3
T M2 M3
0.00000 0.103484 10.854208 0.694533
0.002005 0.1712280 0.047090 0.694533
0.25000 0.103484 34.610361 0.694533
0.002005 0.930484 70.673812 0.694533
0.50000 0.103484 67.098251 0.694533
0.002005 0.153504 86.906112 0.694533
0.75000 0.103484 97.181723 0.694533
0.002005 0.385578 59.512911 0.694533
1.00000 0.103484 122.010828 0.694533
0.002005 0.801193 20.055386 0.694533
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-3 MIN
REL DIST P V2 V3
T M2 M3
0.00000 -0.068752 -119.144349 -0.372965
-0.003071 0.884902 -0.119393 -0.372965
0.25000 -0.068752 -80.904564 -0.372965
-0.003071 -0.461822 -9.708507 -0.372965
0.50000 -0.068752 -47.678980 -0.372965
-0.003071 -0.068952 19.444738 -0.372965
0.75000 -0.068752 -19.444738 -0.372965
-0.003071 -0.724036 -29.198844 -0.372965
1.00000 -0.068752 -5.403858 -0.372965
-0.003071 -1.507972 -75.149346 -0.372965
COMB DL-G2-1 MAX
REL DIST P V2 V3
T M2 M3
0.00000 0.003701 0.218011 0.319207
0.002793 0.761948 0.026417 0.319207
0.25000 0.003701 0.232797 0.319207
0.002793 0.400653 1.17000 0.319207
0.50000 0.003701 0.252609 0.319207
0.002793 0.038564 2.301500 0.319207
0.75000 0.003701 0.271027 0.319207
0.002793 0.21018 4.288658 0.319207
1.00000 0.003701 0.286299 0.319207
0.002793 0.445327 4.548506 0.319207
COMB DL-G2-1 MIN
REL DIST P V2 V3
T M2 M3
0.00000 -0.093903 -1.206794 -0.207200
-2.35E-05 -0.491865 -0.046601 -0.207200
0.25000 -0.093903 -1.183333 -0.207200
-2.35E-05 -0.256628 -0.203659 -0.207200
0.50000 -0.093903 -1.162348 -0.207200
-2.35E-05 -0.021857 -0.435179 -0.207200
0.75000 -0.093903 -1.146866 -0.207200
-2.35E-05 -0.321535 -0.656597 -0.207200
1.00000 -0.093903 -1.137010 -0.207200
-2.35E-05 -0.682855 -0.918188 -0.207200
COMB DL-G2-2 MAX
REL DIST P V2 V3
T M2 M3
0.00000 0.012508 12.074206 0.562992
0.003317 1.404080 0.040830 0.562992
0.25000 0.012508 39.173791 0.562992
0.003317 0.717167 78.677108 0.562992
0.50000 0.012508 75.167108 0.562992
0.003317 0.144619 95.754422 0.562992
0.75000 0.012508 109.669566 0.562992
0.003317 0.339364 63.475353 0.562992
1.00000 0.012508 137.632109 0.562992
0.003317 0.701524 17.547298 0.562992
COMB DL-G2-2 MIN
REL DIST P V2 V3
T M2 M3
0.00000 -0.111532 -133.485190 -0.327091
-5.51E-07 -0.115320 -102.22314 -0.327091
0.25000 -0.111532 -102.22314 -0.327091
-5.51E-07 -0.404869 -10.723975 -0.327091
0.50000 -0.111532 -52.632298 -0.327091
-5.5

0.75000 -0.120915 -30.066605 -0.392204
-0.003254 -0.744105 -43.164504 -0.392204
1.00000 -0.120915 -6.176199 -0.392204
-0.003254 -1.549082 -114.744910
ELEM 216 ===== LENGTH
= 5.031543
COMB DB-G1-1 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.151403 0.178291 0.111431
2.15E-05 0.288701 4.921243
0.25000 0.151403 0.204203
2.15E-05 0.148628 5.287451
0.50000 0.151403 0.233811
2.15E-05 0.012987 5.777225
0.75000 0.151403 0.263545
2.15E-05 0.093528 6.348898
1.00000 0.151403 0.296449
2.15E-05 0.184891 6.911667

COMB DB-G1-1 ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.004535 -0.688581 -0.072605
-0.001751 -0.180421 -0.768450
0.25000 -0.004535 -0.595598
-0.001751 -0.089067 -0.628703
0.50000 -0.004535 -0.626925 -0.072605
-0.001751 -0.002451 -0.943883
0.75000 -0.004535 -0.595598
-0.001751 -0.132057 -1.059157
1.00000 -0.004535 -0.571731 -0.072605
-0.001751 -0.272029 -1.228761

COMB DB-G1-2 ----- MAX
REL DIST P M2 M3 V3
0.00000 0.183947 15.502974 0.230475
5.97E-05 0.605409 26.681097
0.25000 0.183947 46.582928
5.97E-05 0.145789 99.908548
0.50000 0.183947 87.068600 0.230475
5.97E-05 0.081951 141.696311
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FRAME ELEMENT INTERNA
L FORCES
REL DIST T P M2 M3 V3
0.75000 T 0.183947 125.394849 0.230475
5.97E-05 0.145789 113.606669
1.00000 0.183947 167.808897 0.230475
5.97E-05 0.293101 30.667525

COMB DB-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.007946 -167.775049 -0.115702
-0.002043 -0.289036 -114.797619
0.25000 -0.007936 -125.627363 -0.115702
-0.002043 -0.144882 -44.603053
0.50000 -0.007936 -88.300545 -0.115702
-0.002043 -0.065429 -42.538329
0.75000 -0.007936 -47.919775 -0.115702
-0.002043 -0.306861 -41.864316
1.00000 -0.007936 -117.159783 -0.115702
-0.002043 -0.593421 -111.221184

COMB DB-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.171813 13.183653 0.295419
0.001310 0.771590 27.262969
0.25000 0.171813 38.985571 0.295419
0.001310 0.409040 88.164322
0.50000 0.171813 72.591073
0.001310 0.080339 129.825968
0.75000 0.171813 104.413527 0.295419
0.001310 0.226008 101.531187
1.00000 0.171813 139.624778 0.295419
0.001310 0.449684 32.548467

COMB DB-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.120251 -139.985022 -0.177773
-0.001841 -0.444763 -95.332926
0.25000 -0.120251 -104.995502 -0.177773
-0.001841 -0.222301 -37.772251
0.50000 -0.120251 -74.007168 -0.177773
-0.001841 -0.050532 0.161750
0.75000 -0.120251 -40.484339 -0.177773
-0.001841 -0.378518 -35.725287
1.00000 -0.120251 -14.944939 -0.177773
-0.001841 -0.747379 -93.417201

COMB DB-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.003508 0.111736 0.102778
0.001716 0.265589 4.616915
0.25000 0.003508 0.135848
0.001716 0.136357 4.998135
0.50000 0.003508 0.167257 0.102778
0.001716 0.012507 5.469767
0.75000 0.003508 0.167257 0.102778
0.001716 0.130162 5.962056
1.00000 0.003508 0.229895 0.102778
0.001716 0.259230 6.447207

COMB DB-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.158403 -0.634445 -0.102619
-1.63E-05 -0.257121 -0.718550
0.25000 -0.158403 -0.601747 -0.102619
-1.63E-05 -0.128041 -0.781108
0.50000 -0.158403 -0.572789 -0.102619
-1.63E-05 -0.001570 -0.896524
0.75000 -0.158403 -0.541462 -0.102619
-1.63E-05 -0.122702 -1.013065
1.00000 -0.158403 -0.517595 -0.102619
-1.63E-05 -0.251906 -1.183935

COMB DB-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.011201 14.429315 0.221680
0.002101 0.581393 25.251742
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FRAME ELEMENT INTERNA
L FORCES
REL DIST T P M2 M3 V3
0.25000 T 0.011201 42.483888 0.221680
0.002101 0.312638 93.854768
0.50000 0.011201 81.331238 0.221680
0.002101 0.078478 133.002043
0.75000 0.011201 117.159898
0.002101 0.196097 109.876889
1.00000 0.011201 156.809949 0.221680
0.002101 0.391699 29.277367
COMB DB-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.192889 -156.850228 -0.155437
-6.04E-07 -0.390389 -107.361208
0.25000 -0.192889 -117.449171 -0.155437
-6.04E-07 -0.196155 -41.758907
0.50000 -0.192889 -82.554356 -0.155437
-6.04E-07 -0.060312 -39.844832
0.75000 -0.192889 -44.805539 -0.155437
-6.04E-07 -0.294812 -37.237140
1.00000 -0.192889 -16.046556 -0.155437
-6.04E-07 -0.570826 -104.093041

COMB DB-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.117902 13.757863 0.294326
0.001887 0.768767 27.812460
0.25000 0.117902 40.840100 0.294326
0.001887 0.408134 91.809441
0.50000 0.117902 76.118228 0.294326
0.001887 0.083306 128.566544
0.75000 0.117902 109.514693 0.294326
0.001887 0.236188 102.093500
1.00000 0.117902 146.473156 0.294326
0.001887 0.470421 33.127476

COMB DB-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.179628 -146.81143 0.186160
-0.001237 -0.466251 -100.597242
0.25000 -0.179628 -110.084780 -0.186160
-0.001237 -0.233277 -39.537596
0.50000 -0.179628 -77.559758
0.75000 -0.179628 -42.372475 -0.186160
-0.001237 -0.379157 -37.363140
1.00000 -0.179628 -15.365771 -0.186160
-0.001237 -0.746615 -97.904856

COMB DL-G1-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.138634 0.280750 0.167326
2.05E-05 0.42429725 1.285717
0.25000 0.138634 0.289395 0.167326
2.05E-05 0.219308 5.261781
0.50000 0.138634 0.308682 0.167326
2.05E-05 0.015222 5.172688
0.75000 0.138634 0.329660 0.167326
2.05E-05 0.126128 6.318063
1.00000 0.138634 0.348128 0.167326
2.05E-05 0.250480 6.872609

COMB DL-G1-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.005074 -0.655024 -0.098810
-0.001830 -0.246709 -0.630448
0.25000 -0.005074 -0.630448 -0.098810
-0.001830 -0.122430 -1.083216
0.50000 -0.005074 -0.615412 -0.098810
-0.001830 -0.002962 -1.339362
0.75000 -0.005074 -0.596745 -0.098810
-0.001830 -0.201499 -1.384698
1.00000 -0.005074 -0.588063 -0.098810
-0.001830 -0.411881 -1.563480
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FRAME ELEMENT INTERNA
L FORCES
REL DIST T P M2 M3 V3
0.00000 0.176400 14.980460 0.310380
4.12E-05 0.300778 18.257174
0.25000 0.176400 32.226829 0.310380
4.12E-05 0.429371 73.200167
0.50000 0.176400 70.704593 0.310380
4.12E-05 0.090511 103.707854
0.75000 0.176400 112.555087 0.310380
4.12E-05 0.215724 160.461594
1.00000 0.176400 149.397969 0.310380
4.12E-05 0.414053 24.392955

COMB DL-G1-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.007923 -150.393569 -0.164722
-0.002072 -0.428535 -90.853235
0.25000 -0.007923 -119.989548 -0.164722
-0.002072 -0.231353 -35.373949
0.50000 -0.007923 -71.368247 -0.164722
-0.002072 0.046038 -34.962503
0.75000 -0.007923 -38.000319 -0.164722
-0.002072 -0.403262 -34.734954
1.00000 -0.007923 -16.808169 -0.164722
-0.002072 -0.789705 -89.632127

COMB DL-G1-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.168322 12.670098 0.444074
0.001266 1.142107 19.649884
0.25000 0.168322 26.760898 0.444074
0.001266 0.598644 64.988595
0.50000 0.168322 58.196295 0.444074
0.001266 0.080316 90.421130
0.75000 0.168322 92.387100 0.444074
0.001266 0.334099 127.919292
1.00000 0.168322 122.488192 0.444074
0.001266 0.653993 26.949668

COMB DL-G1-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.107800 -123.602529 -0.260187
-0.001874 -0.664930 -75.163799
0.25000 -0.107800 -93.285693 -0.260187
-0.001874 -0.345655 -29.972807
0.50000 -0.107800 -59.039435 -0.260187
-0.001874 -0.039170 -29.770811
0.75000 -0.107800 -27.893126 -0.260187
-0.001874 -0.555959 -72.719292
1.00000 -0.107800 -14.46428 -0.260187
-0.001874 -1.115099 -74.705956

COMB DL-G2-1 ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.004640 0.193252 0.206002
0.001812 0.526956 4.489575
0.25000 0.004640 0.202196 0.206002
0.001812 0.267846 4.970957
0.50000 0.004640 0.220184 0.206002
0.001812 0.013517 5.468302
0.75000 0.004640 0.242461 0.206002
0.001812 0.181957 5.955110
1.00000 0.004640 0.260229 0.206002
0.001812 0.363570 6.520030

COMB DL-G2-1 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.149859 -0.614872 -0.144518
-0.002072 -0.362190 -39.854095
0.25000 -0.149859 -0.596272 -0.144518
-1.58E-05 -0.180411 -1.004122
0.50000 -0.149859 -0.575261 -0.144518
-1.58E-05 -0.001946 -1.160225

0.75000 -0.149859 -0.556029 -0.144518
-1.58E-05 -0.250769 -1.316450
1.00000 -0.149859 -0.556029 -0.144518
-1.58E-05 -0.509804 -1.500205
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FRAME ELEMENT INTERNA
L FORCES
COMB DL-G2-2 ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.021134 13.827877 0.363469
0.002134 0.934031 17.441282
0.25000 0.021134 29.768796 0.363469
0.002134 0.494874 68.255190
0.50000 0.021134 65.343933
0.002134 0.075267 96.607239
0.75000 0.021134 104.017237 0.363469
0.002134 0.080540 11.390773
1.00000 0.021134 138.071529 0.363469
0.002134 0.566494 23.402129

COMB DL-G2-2 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.177195 -139.064868 -0.226209
-3.79E-07 -0.582248 -84.011884
0.25000 -0.177195 -104.765699 -0.226209
-3.79E-07 -0.307151 -32.776835
0.50000 -0.177195 -66.020930
0.75000 -0.177195 -44.41527
1.00000 -0.177195 -30.557040 -0.226209
-3.79E-07 -0.467831 -32.268435
-0.00000 -0.177195 -15.590492 -0.226209
-3.79E-07 -0.921285 -83.045695

COMB DL-G2-3 ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.117367 12.942718 0.457064
0.001921 0.117598 20.045186
0.25000 0.117367 27.390598 0.457064
0.001921 0.616541 66.211274
0.50000 0.117367 59.625295 0.457064
0.001921 0.032270 84.603033
0.75000 0.117367 64.685294 0.457064
0.001921 0.349587 70.017508
1.00000 0.117367 125.550228 0.457064
0.001921 0.685168 27.107191

COMB DL-G2-3 ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.165132 -126.685227 -0.272883
-0.001225 -0.697436 -76.989932
0.25000 -0.165132 -95.598333 -0.272883
-0.001225 -0.362766 -30.652015
0.50000 -0.165132 -60.482210 -0.272883
-0.001225 0.039575 -30.445482
0.75000 -0.165132 -28.338694
1.00000 -0.001225 -0.577120 -30.386611
-0.001225 -0.165132 -14.774811
-0.001225 -1.148617 -76.506113

COMB DB ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.183947 15.502974 0.295419
0.002101 0.771590 27.812460
0.25000 0.183947 46.582928
0.002101 0.409040 99.908548
0.50000 0.183947 87.068600 0.295419
0.002101 0.083306 128.566544
0.75000 0.183947 109.514693 0.295419
0.002101 0.236188 102.093500
1.00000 0.183947 167.808897 0.295419
0.002101 0.470421 33.127476

COMB DB ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.192889 -167.775049 -0.186160
-0.002043 -0.466251 -114.797619
0.25000 -0.192889 -125.627363 -0.186160
-0.002043 -0.144882 -44.603053
0.50000 -0.192889 -88.300045 -0.186160
-0.002043 -0.065429 -42.538329
0.75000 -0.192889 -47.919775 -0.186160
-0.002043 0.306861 -41.864316
1.00000 -0.192889 -117.159783 -0.186160
-0.002043 -0.593421 -111.221184
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FRAME ELEMENT INTERNA
L FORCES
COMB DL ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.176400 14.980460 0.457064
0.002134 0.175084 20.045186
0.25000 0.176400 32.226829 0.457064
0.002134 0.081611 73.200167
0.50000 0.176400 70.704593 0.457064
0.002134 0.080811 103.754314
0.75000 0.176400 112.555087 0.457064
0.002134 0.349587 140.461594
1.00000 0.176400 149.397969 0.457064
0.002134 0.685168 27.107191

COMB DL ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.177195 -150.393569 -0.272883
-0.002072 -0.697436 -90.853235
0.25000 -0.177195 -113.285717 -0.272883
-0.002072 -0.362766 -35.373949
0.50000 -0.177195 -71.368247 -0.272883
-0.002072 -0.046038 -34.962503
0.75000 -0.177195 -33.000319 -0.272883
-0.002072 0.057120 -34.734954
1.00000 -0.177195 -16.808169 -0.272883
-0.002072 -1.148617 -89.632127

COMB CAR ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.183947 15.502974 0.457064
0.002134 0.175084 27.812460
0.25000 0.183947 46.582928 0.457064
0.002134 0.616541 99.908548
0.50000 0.183947 87.068600 0.457064
0.002134 0.083306 141.696311
0.75000 0.183947 125.394849 0.457064
0.002134 0.349587 110.606669
1.00000 0.183947 167.808897 0.457064
0.002134 0.685168 33.127476

REL DIST T P M2 M3 V3
0.00000 -0.192889 -167.775049 -0.272883
-0.002072 -0.467831 -114.797619
0.25000 -0.192889 -125.627363 -0.272883
-0.002072 -0.362766 -44.603053
0.50000 -0.192889 -88.300045 -0.272883
-0.002072 -0.065429 -42.538329

0.75000 -0.192889 -47.919775 -0.272883
-0.002072 -0.577120 -41.864316
1.00000 -0.192889 -117.159783 -0.272883
-0.002072 -1.148617 -111.221184
COMB DESIGN ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.183947 15.502974 0.457064
0.002134 0.175084 27.812460
0.25000 0.183947 46.582928 0.457064
0.002134 0.616541 99.908548
0.50000 0.183947 87.068600 0.457064
0.002134 0.083306 141.696311
0.75000 0.183947 125.394849 0.457064
0.002134 0.349587 110.606669
1.00000 0.183947 167.808897 0.457064
0.002134 0.685168 33.127476

COMB DESIGN ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.192889 -167.775049 -

0.00000 -0.151467 -0.638249 -0.101418
1.13E-05 -0.257263 -0.162825 -0.101418
0.25000 -0.114290 -0.604210 -0.101418
-1.13E-05 -0.129698 -0.253100 -0.101418
0.50000 -0.151467 -0.575613 -0.101418
-1.13E-05 -0.003342 -1.396595 -0.101418
0.75000 -0.151467 -0.544224 -0.101418
-1.13E-05 -0.117043 -1.541813 -0.101418
1.00000 -0.151467 -0.520282 -0.101418
-1.13E-05 -0.235283 -1.740225 -0.101418

COMB DB-G2-2 MAX
REL DIST P M2 M3 V3
0.00000 0.013332 14.591654 0.186405
0.001311 0.488418 29.273655 0.186405
0.25000 0.013332 43.465878 0.186405
0.001311 0.268913 104.98946 0.186405
0.50000 0.013332 81.297050 0.186405
0.001311 0.090215 135.864781 0.186405
0.75000 0.013332 117.192748 0.186405
1.00000 0.184412 136.773965 0.186405
1.00000 0.013332 156.791609 0.186405
0.001311 0.373713 31.956687 0.186405

COMB DB-G2-2 MIN
REL DIST P M2 M3 V3
0.00000 -0.183469 -157.397672 -0.150478
-4.19E-07 -0.383295 -104.038650 -0.150478
0.25000 -0.183469 -117.827163 -0.150478
-4.19E-07 -0.193624 -97.848713 -0.150478
0.50000 -0.183469 -81.921327 -0.150478
-4.19E-07 -0.054794 -37.773763 -0.150478
0.75000 -0.183469 -44.097898 -0.150478
-4.19E-07 -0.183469 -15.247843 -0.150478
1.00000 -0.183469 -15.247843 -0.150478
-4.19E-07 -0.469967 -103.822736 -0.150478

COMB DB-G2-3 MAX
REL DIST P M2 M3 V3
0.00000 0.114290 13.937354 0.238340
0.001178 0.630848 33.111145 0.238340
0.25000 0.114290 40.851485 0.238340
0.001178 0.344956 103.769484 0.238340
0.50000 0.114290 109.573495 0.238340
0.001178 0.099919 132.680371 0.238340
0.75000 0.114290 109.573495 0.238340
0.001178 0.228242 105.960890 0.238340
1.00000 0.114290 146.484233 0.238340
0.001178 0.460255 36.796110 0.238340

COMB DB-G2-3 MIN
REL DIST P M2 M3 V3
0.00000 -0.170818 -147.306542 -0.184444
-0.000803 -0.467824 -97.848713 Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P M2 M3 V3
0.25000 -0.170818 -110.424231 -0.184444
-0.000803 -0.235591 -37.190716 -0.184444
0.50000 -0.170818 -76.955339 -0.184444
-0.000803 -0.003037 -38.540173 -0.184444
0.75000 -0.170818 -41.699989 -0.184444
-0.000803 -0.298840 -37.363759 -0.184444
1.00000 -0.170818 -14.806363 -0.184444
-0.000803 -0.587883 -98.100477 -0.184444

COMB DL-G1-1 MAX
REL DIST P M2 M3 V3
0.00000 0.132676 0.310778 0.136522
1.31E-05 0.132676 0.319328 0.136522
0.25000 0.132676 0.319328 0.136522
1.31E-05 0.189103 7.197035 0.136522
0.50000 0.132676 0.338601 0.136522
1.31E-05 0.022463 -34.729676 0.136522
0.75000 0.132676 0.359608 0.136522
1.31E-05 0.126103 8.109253 0.136522
1.00000 0.132676 3.781111 0.136522
1.31E-05 0.252436 8.603517 0.136522

COMB DL-G1-1 MIN
REL DIST P M2 M3 V3
0.00000 -0.003631 -0.641931 -0.100537
-0.001005 -0.253425 -1.570584 -0.100537
0.25000 -0.003631 -0.641931 -0.100537
-0.001005 -0.126295 -0.736019 -0.100537
0.50000 -0.003631 -0.642041 -0.100537
-0.001005 -0.004327 1.928191 -0.100537
0.75000 -0.003631 -0.642041 -0.100537
-0.001005 -0.154705 -2.120268 -0.100537
1.00000 -0.003631 -0.574617 -0.100537
-0.001005 -0.326337 -2.340384 -0.100537

COMB DL-G1-2 MAX
REL DIST P M2 M3 V3
0.00000 0.176599 15.774730 0.251483
2.61E-05 0.675163 24.375438 0.251483
0.25000 0.176599 32.832210 0.251483
2.61E-05 0.374483 77.92206 0.251483
0.50000 0.176599 87.015266 0.251483
2.61E-05 0.095233 107.574207 0.251483
0.75000 0.176599 113.186630 0.251483
2.61E-05 0.210663 79.424211 0.251483
1.00000 0.176599 150.105412 0.251483
2.61E-05 0.401305 27.192245 0.251483

COMB DL-G1-2 MIN
REL DIST P M2 M3 V3
0.00000 -0.005951 -150.485908 -0.161115
-0.001174 -0.418501 -89.600328 -0.161115
0.25000 -0.005951 -113.537154 -0.161115
-0.001174 -0.224253 -34.227122 -0.161115
0.50000 -0.005951 -71.624814 -0.161115
-0.001174 -0.042672 -34.362638 -0.161115
0.75000 -0.005951 -33.716103 -0.161115
-0.001174 -0.013909 -34.729676 -0.161115
1.00000 -0.005951 -16.195147 -0.161115
-0.001174 -0.625444 -90.544925 -0.161115

COMB DL-G1-3 MAX
REL DIST P M2 M3 V3
0.00000 0.169463 13.330265 0.362462
0.000746 0.965511 26.899265 0.362462
0.25000 0.169463 27.266117 0.362462
0.000746 0.522539 70.845752 0.362462
0.50000 0.169463 59.6789 0.362462
0.000746 0.099936 95.373728 0.362462
0.75000 0.169463 92.915074 0.362462
0.000746 0.324514 73.09637 0.362462
1.00000 0.169463 123.071 0.362462
0.000746 0.628548 30.958669 0.362462
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G1-3 MIN
REL DIST P M2 M3 V3
0.00000 -0.174195 -150.485908 -0.263890
-0.001174 -0.678975 -89.600328 -0.263890
0.25000 -0.174195 -113.537154 -0.263890
-0.001174 -0.355608 -34.227122 -0.263890
0.50000 -0.174195 -71.624814 -0.263890
-0.001174 -0.042672 -34.362638 -0.263890

REL DIST P M2 M3 V3
0.00000 -0.103096 -123.642869 -0.253070
-0.001059 -0.650295 -74.649368 -0.253070
0.25000 -0.103096 -93.458015 -0.253070
-0.001059 -0.340491 -29.599868 -0.253070
0.50000 -0.103096 -59.213948 -0.253070
-0.001059 -0.038997 -29.905059 -0.253070
0.75000 -0.103096 -27.801640 -0.253070
-0.001059 -0.436629 -30.326629 -0.253070
1.00000 -0.103096 -13.928327 -0.253070
-0.001059 -0.887220 -76.193297 -0.253070

COMB DL-G2-1 MAX
REL DIST P M2 M3 V3
0.00000 0.004254 0.253697 0.179191
0.001014 0.464958 6.462345 0.179191
0.25000 0.004254 0.262247 0.179191
0.001014 0.239609 6.873185 0.179191
-0.001014 0.004254 0.281520 0.179191
0.001014 0.021533 7.306210 0.179191
0.75000 0.004254 0.302525 0.179191
0.001014 0.172650 7.735188 0.179191
1.00000 0.004254 0.321030 0.179191
0.001014 0.349638 8.205139 0.179191

COMB DL-G2-1 MIN
REL DIST P M2 M3 V3
0.00000 -0.149025 -0.595911 -0.140866
-9.95E-06 -0.357775 -1.463552 -0.140866
0.25000 -0.149025 -0.577290 -0.140866
-9.95E-06 -0.180717 -1.629315 -0.140866
0.50000 -0.149025 -0.556282 -0.140866
-9.95E-06 -0.004090 -1.823163 -0.140866
0.75000 -0.149025 -0.537009 -0.140866
-9.95E-06 -0.211332 -2.015480 -0.140866
1.00000 -0.149025 -0.520493 -0.140866
-9.95E-06 -0.436576 -2.236480 -0.140866

COMB DL-G2-2 MAX
REL DIST P M2 M3 V3
0.00000 0.026716 14.575443 0.304058
0.001201 0.803865 23.914939 0.304058
0.25000 0.026716 30.341855 0.304058
0.001201 0.437702 73.009805 0.304058
0.50000 0.026716 65.881493 0.304058
0.001201 0.091265 100.458811 0.304058
0.75000 0.026716 104.614311 0.304058
0.001201 0.277477 74.501466 0.304058
1.00000 0.026716 138.738740 0.304058
0.001201 0.532384 26.252630 0.304058

COMB DL-G2-2 MIN
REL DIST P M2 M3 V3
0.00000 -0.174195 -139.141499 -0.215805
-2.36E-07 -0.558699 -82.363797 -0.215805
0.25000 -0.174195 -104.989368 -0.215805
-2.36E-07 -0.296603 -31.817514 -0.215805
0.50000 -0.174195 -66.249341 -0.215805
-2.36E-07 -0.039988 -31.979245 -0.215805
0.75000 -0.174195 -37.100492 -0.215805
-2.36E-07 -0.379792 -32.354700 -0.215805
1.00000 -0.174195 -15.015102 -0.215805
-2.36E-07 -0.758801 -83.981985 -0.215805

COMB DL-G2-3 MAX
REL DIST P M2 M3 V3
0.00000 0.121817 13.626289 0.377422
0.001082 0.998822 27.039144 0.377422
0.25000 0.121817 27.916192 0.377422
0.001082 0.539070 72.123261 0.377422
0.50000 0.121817 60.127266 0.377422
0.001082 0.101038 97.265664 0.377422
0.75000 0.121817 95.230232 0.377422
0.001082 0.336788 74.275523 0.377422
1.00000 0.121817 126.161060 0.377422
0.001082 0.653651 31.996762 0.377422
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB DL-G2-3 MIN
REL DIST P M2 M3 V3
0.00000 -0.161930 -126.728564 -0.263890
-0.000709 -0.678975 -76.431585 -0.263890
0.25000 -0.161930 -95.774954 -0.263890
-0.000709 -0.355608 -32.227392 -0.263890
0.50000 -0.161930 -60.663128 -0.263890
-0.000709 -0.039687 -30.553233 -0.263890
0.75000 -0.161930 -29.230232 -0.263890
-0.000709 -0.458199 -31.019594 -0.263890
1.00000 -0.161930 -14.227237 -0.263890
-0.000709 -0.929709 -77.967965 -0.263890

COMB DB G2-1 MAX
REL DIST P M2 M3 V3
0.00000 0.175327 15.659867 0.238340
0.001311 0.630848 33.111145 0.238340
0.25000 0.175327 46.548900 0.238340
0.001311 0.344956 103.769484 0.238340
0.50000 0.175327 87.015266 0.238340
0.001311 0.099919 132.680371 0.238340
0.75000 0.175327 125.413237 0.238340
0.001311 0.228242 105.960890 0.238340
1.00000 0.175327 167.772516 0.238340
0.001311 0.460255 36.796110 0.238340

COMB DB G2-1 MIN
REL DIST P M2 M3 V3
0.00000 -0.183469 -168.363961 -0.184444
-0.001293 -0.467624 -118.185707 -0.184444
0.25000 -0.183469 -126.035010 -0.184444
-0.001293 -0.235591 -41.422602 -0.184444
0.50000 -0.183469 -87.625868 -0.184444
-0.001293 -0.058250 -40.260314 -0.184444
0.75000 -0.183469 -47.166112 -0.184444
-0.001293 -0.183469 -15.247843 -0.184444
1.00000 -0.183469 -16.304906 -0.184444
-0.001293 -0.587883 -110.870454 -0.184444

COMB DL G2-1 MAX
REL DIST P M2 M3 V3
0.00000 0.176599 15.774730 0.377422
0.001201 0.998822 27.039144 0.377422
0.25000 0.176599 32.832210 0.377422
0.001201 0.539070 77.92906 0.377422
0.50000 0.176599 72.20999 0.377422
0.001201 0.101038 107.574207 0.377422
0.75000 0.176599 113.186630 0.377422
0.001201 0.336788 74.24841 0.377422
1.00000 0.176599 150.105412 0.377422
0.001201 0.653651 31.996762 0.377422

COMB DL G2-1 MIN
REL DIST P M2 M3 V3
0.00000 -0.174195 -150.485908 -0.263890
-0.001174 -0.678975 -89.600328 -0.263890
0.25000 -0.174195 -113.537154 -0.263890
-0.001174 -0.355608 -34.227122 -0.263890
0.50000 -0.174195 -71.624814 -0.263890
-0.001174 -0.042672 -34.362638 -0.263890

0.75000 -0.174195 -33.176103 -0.263890
-0.001174 -0.458199 -34.729466 -0.263890
1.00000 -0.174195 -144.920449 -0.263890
-0.001174 -0.929709 -90.544925 -0.263890
COMB CAR MAX
REL DIST P M2 M3 V3
0.00000 0.176599 15.774730 0.377422
0.001311 0.938922 33.111145 0.377422
0.25000 0.176599 46.548900 0.377422
0.001311 0.539070 111.604500 0.377422
0.50000 0.176599 87.015266 0.377422
0.001311 0.101038 144.920449 0.377422
0.75000 0.176599 125.413237 0.377422
0.001311 0.336788 113.349390 0.377422
1.00000 0.176599 167.772516 0.377422
0.001311 0.653651 36.796110 0.377422
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F R A M E E L E M E N T I N T E R N A L F O R C E S
COMB CAR MIN
REL DIST P M2 M3 V3
0.00000 -0.183469 -168.363961 -0.263890
-0.001293 -0.678975 -111.185707 -0.263890
0.25000 -0.183469 -126.035010 -0.263890
-0.001293 -0.355608 -41.422602 -0.263890
0.50000 -0.183469 -87.625868 -0.263890
-0.001293 -0.058250 -40.260314 -0.263890
0.75000 -0.183469 -47.166112 -0.263890
-0.001293 -0.458199 -15.247843 -0.263890
1.00000 -0.183469 -16.304906 -0.263890
-0.001293 -0.929709 -110.870454 -0.263890

COMB DESIGN MAX
REL DIST P M2 M3 V3
0.00000 0.176599 15.774730 0.377422
0.001311 0.938922 33.111145 0.377422
0.25000 0.176599 46.548900 0.377422
0.001311 0.539070 111.604500 0.377422
0.50000 0.176599 87.015266 0.377422
0.001311 0.101038 144.920449 0.377422
0.75000 0.176599 125.413237 0.377422
0.001311 0.336788 113.349390 0.377422
1.00000 0.176599 167.772516 0.377422
0.001311 0.653651 36.796110 0.377422

COMB DESIGN MIN
REL DIST P M2 M3 V3
0.00000 -0.183469 -168.363961 -0.263890
-0.001293 -0.678975 -111.185707 -0.263890
0.25000 -0.183469 -126.035010 -0.263890
-0.001293 -0.355608 -41.422602 -0.263890
0.50000 -0.183469 -87.625868 -0.263890
-0.001293 -0.058250 -40.260314 -0.263890
0.75000 -0.183469 -47.166112 -0.263890
-0.001293 -0.458199 -15.247843 -0.263890
1.00000 -0.183469 -16.304906 -0.263890
-0.001293 -0.929709 -110.870454 -0.263890

ELEM 218 ===== LENGTH = 5.30826
COMB DB-G1-1 MAX
REL DIST P M2 M3 V3
0.00000 0.109265 0.365151 0.071451
0.000310 0.177539 8.462453 0.071451
0.25000 0.109265 0.389103 0.071451
0.000310 0.087700 8.403680 0.071451
0.50000 0.109265 0.420469 0.071451
0.000310 0.022134 8.464016 0.071451
0.75000 0.109265 0.450293 0.071451
0.000310 0.101038 8.653477 0.071451
1.00000 0.109265 0.483158 0.071451
0.000310 0.200405 8.928145 0.071451

COMB DB-G1-1 MIN
REL DIST P M2 M3 V3
0.00000 -0.002029 -0.575547 -0.079136
-0.000650 -0.197717 -1.811787 -0.079136
0.25000 -0.002029 -0.542585 -0.079136
-0.000650 -0.098171 -1.906742 -0.079136
0.50000 -0.002029 -0.127499 -0.079136
-0.000650 -0.005156 -2.054977 -0.079136
0.75000 -0.002029 -0.481393 -0.079136
-0.000650 0.092088 -2.204998 -0.079136
1.00000 -0.002029 -0.457447 -0.079136
-0.000650 -0.181935 -2.408154 -0.079136

COMB DB-G1-2 MAX
REL DIST P M2 M3 V3
0.00000 0.140430 15.887361 0.130700
0.000433 0.325823 33.258890 0.130700
0.25000 0.140430 46.761298 0.130700
0.000433 0.207911 113.737147 0.130700
0.50000 0.140430 87.231324 0.130700

REL DIST P M2 V2 V3
0.00000 -0.003845 -150.420086 -0.153882
-0.000655 -0.418753 -90.558324
0.25000 -0.003845 -113.482079 -0.153882
-0.000655 -0.418753 -90.558324
0.50000 -0.003845 -35.280295
-0.000655 -0.044933 -35.278041
0.75000 -0.003845 -33.114790 -0.153882
-0.000655 -0.418753 -90.558324
1.00000 -0.003845 -16.087679 -0.153882
-0.000655 -0.452101 -91.552885

COMB DL-G1-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.151612 13.631952 0.265761
0.000751 0.718458 30.918295 0.265761
0.25000 0.151612 27.555906 0.265761
0.000751 0.393885 74.342385 0.265761
0.50000 0.151612 58.968492 0.265761
0.000751 0.106606 98.134906 0.265761
0.75000 0.151612 93.213131 0.265761
1.00000 0.315825 176.165808 0.265761
0.000751 0.596229 32.519629

COMB DL-G1-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.085426 -123.458114 -0.236166
-0.000852 -0.624671 -76.177064 -0.236166
0.25000 -0.085426 -93.280440 -0.236166
-0.000852 -0.327662 -31.296204 -0.236166
0.50000 -0.085426 -59.037766 -0.236166
-0.000852 -0.042709 -35.780410 -0.236166
0.75000 -0.085426 -27.620969 -0.236166
-0.000852 -0.324000 -31.954588 -0.236166
1.00000 -0.085426 -13.709947 -0.236166
-0.000852 -0.652921 -77.782440

COMB DL-G2-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.002601 0.365835 0.145074
0.000525 0.002601 0.365835 0.145074
0.25000 0.002601 0.374378 0.145074
0.000525 0.196930 8.312961 0.145074
0.50000 0.002601 0.393650 0.145074
0.000525 0.024245 6.480007 0.145074
0.75000 0.002601 0.414661 0.145074
0.000525 0.163325 8.660313 0.145074
1.00000 0.002601 0.433171 0.145074
0.000525 0.326703 8.642811

COMB DL-G2-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.129212 -0.456825 -0.131844
-0.000255 -0.320427 -2.201924 -0.131844
0.25000 -0.129212 -0.438310 -0.131844
-0.000255 -0.168912 -0.237299 -0.131844
0.50000 -0.129212 -0.417301 -0.131844
-0.000255 -0.005856 -0.257294 -0.131844
0.75000 -0.129212 -0.438310 -0.131844
-0.000255 -0.169972 -2.767888 -0.131844
1.00000 -0.129212 -0.389491 -0.131844
-0.000255 -0.351875 -2.993189 -0.131844
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.029438 14.816530 0.228119
0.000670 0.610019 26.191389 0.228119
0.25000 0.029438 30.569504 0.228119
0.000670 0.344060 75.521677 0.228119
0.50000 0.029438 66.108328 0.228119
0.000670 0.039070 102.448100 0.228119
0.75000 0.029438 104.851314 0.228119
0.000670 0.267617 76.057239 0.228119
1.00000 0.029438 138.984830 0.228119
0.000670 0.493529 27.346895

COMB DL-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.148019 -139.053586 -0.194991
0.000340 -0.524397 -83.940202 -0.194991
0.25000 -0.148019 -104.911388 -0.194991
-0.000340 -0.279947 -32.975681 -0.194991
0.50000 -0.148019 -66.170696 -0.194991
0.000340 -0.041954 -72.918644 -0.194991
0.75000 -0.148019 -30.627037 -0.194991
-0.000340 -0.287781 -33.347866 -0.194991
1.00000 -0.148019 -14.888694 -0.194991
-0.000340 -0.567897 -85.008278

COMB DL-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.112067 13.927505 0.277674
0.000866 0.748728 31.041115 0.277674
0.25000 0.112067 28.205133 0.277674
0.000866 0.410102 74.624945 0.277674
0.50000 0.112067 60.415564 0.277674
0.000866 0.107718 102.032347 0.277674
0.75000 0.112067 95.530073 0.277674
1.00000 0.320967 176.165808 0.277674
0.000866 0.616124 32.652063

COMB DL-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.137241 -126.543719 -0.243884
-0.000728 -0.644511 -77.934556 -0.243884
0.25000 -0.137241 -95.599112 -0.243884
-0.000728 -0.339010 -31.903175 -0.243884
0.50000 -0.137241 -60.466683 -0.243884
-0.000728 -0.043317 -32.010552 -0.243884
0.75000 -0.137241 -28.271869 -0.243884
-0.000728 -0.339010 -31.903175 -0.243884
1.00000 -0.137241 -14.888694 -0.243884
-0.000728 -0.684240 -79.539020

COMB DB ----- MAX

REL DIST P M2 V2 V3
0.00000 0.140430 15.887351 0.193034
0.001073 0.503327 36.760533 0.193034
0.25000 0.140430 46.761298 0.193034
0.001073 0.278626 113.737147 0.193034
0.50000 0.140430 125.636158 0.193034
0.001073 0.105279 146.044757 0.193034
0.75000 0.140430 125.636158 0.193034
1.00000 0.237968 114.475816 0.193034
0.001073 0.435479 37.753611

COMB DB ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.146220 -168.156597 -0.174770
-0.001021 -0.433940 -80.878923 -0.174770
0.25000 -0.146220 -125.797480 -0.174770
-0.001021 -0.234469 -41.295682 -0.174770
0.50000 -0.146220 -87.389477 -0.174770
-0.001021 -0.058992 -40.275013

0.75000 -0.146220 -46.921062 -0.174770
-0.001021 -0.255002 -41.546263 -0.174770
1.00000 -0.146220 -16.087679 -0.174770
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST P M2 V2 V3
0.00000 0.157141 16.012881 0.277674
0.000866 0.748728 31.041115 0.277674
0.25000 0.157141 33.055822 0.277674
0.000866 0.411102 80.459055 0.277674
0.50000 0.157141 71.504820 0.277674
0.000866 0.107718 109.531736 0.277674
0.75000 0.157141 113.420362 0.277674
1.00000 0.326887 180.983967 0.277674
0.000866 0.157141 150.348976 0.277674
0.000866 0.616124 32.652063

COMB DL ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.148019 -150.420086 -0.243884
-0.000852 -0.644511 -90.558324 -0.243884
0.25000 -0.148019 -113.482079 -0.243884
-0.000852 -0.338610 -35.300285 -0.243884
0.50000 -0.148019 -71.569022 -0.243884
-0.000852 -0.044933 -35.278041 -0.243884
0.75000 -0.148019 -33.114790 -0.243884
-0.000852 -0.340894 -35.702142 -0.243884
1.00000 -0.148019 -16.087679 -0.243884
-0.000852 -0.684240 -91.552885

COMB CAR ----- MAX

REL DIST P M2 V2 V3
0.00000 0.157141 16.012881 0.277674
0.001073 0.748728 31.041115 0.277674
0.25000 0.157141 46.761298 0.277674
0.001073 0.411102 113.737147 0.277674
0.50000 0.157141 87.231324 0.277674
0.001073 0.107718 109.531736 0.277674
0.75000 0.157141 125.636158 0.277674
0.001073 0.326887 114.475816 0.277674
1.00000 0.157141 167.998135 0.277674
0.001073 0.616124 37.753611

COMB CAR ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.148019 -168.156597 -0.243884
-0.001021 -0.644511 -110.878923 -0.243884
0.25000 -0.148019 -125.797480 -0.243884
-0.001021 -0.338610 -41.295682 -0.243884
0.50000 -0.148019 -87.389477 -0.243884
-0.001021 -0.058992 -40.275013 -0.243884
0.75000 -0.148019 -46.921062 -0.243884
1.00000 -0.148019 -16.087679 -0.243884
-0.001021 -0.684240 -111.309470

COMB DESIGN ----- MAX

REL DIST P M2 V2 V3
0.00000 0.157141 16.012881 0.277674
0.001073 0.748728 36.760533 0.277674
0.25000 0.157141 46.761298 0.277674
0.001073 0.411102 113.737147 0.277674
0.50000 0.157141 87.231324 0.277674
0.001073 0.107718 146.044757 0.277674
0.75000 0.157141 125.636158 0.277674
1.00000 0.326887 114.475816 0.277674
0.001073 0.157141 167.998135 0.277674
0.001073 0.616124 37.753611

COMB DESIGN ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.148019 -168.156597 -0.243884
-0.001021 -0.644511 -110.878923 -0.243884
0.25000 -0.148019 -125.797480 -0.243884
-0.001021 -0.338610 -41.295682 -0.243884
0.50000 -0.148019 -87.389477 -0.243884
-0.001021 -0.058992 -40.275013 -0.243884
0.75000 -0.148019 -46.921062 -0.243884
1.00000 -0.148019 -16.087679 -0.243884
-0.001021 -0.684240 -111.309470
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FRAME ELEMENT INTERNAL FORCES

ELEM 219 ===== LENGTH = 5.030262

COMB DB-G1-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.078531 0.526133 0.077394
0.000716 0.191772 8.922738 0.077394
0.00000 0.078531 0.550008 0.077394
0.000716 0.094467 8.591344 0.077394
0.00000 0.078531 0.570317 0.077394
0.000716 0.021926 8.338743 0.077394
0.00000 0.078531 0.611268 0.077394
0.000716 0.062777 8.246322 0.077394
0.00000 0.078531 0.641359 0.077394
0.000716 0.210753 8.237627

COMB DB-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.001554 -0.443021 -0.083098
-0.000337 -0.207268 -2.413565 -0.083098
0.25000 -0.001554 -0.410170 -0.083098
-0.000337 -0.102770 -2.550537 -0.083098
0.50000 -0.001554 -0.380376 -0.083098
-0.000337 -0.006621 -2.650603 -0.083098
0.75000 -0.001554 -0.348983 -0.083098
-0.000337 -0.100407 -2.779791 -0.083098
1.00000 -0.001554 -32.503032 -0.083098
-0.000337 -0.197743 -2.988502

COMB DB-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.107354 16.175800 0.120104
0.000868 0.748728 31.041115 0.120104
0.25000 0.107354 47.047156 0.120104
0.000868 0.185663 114.327116 0.120104
0.50000 0.107354 87.513452 0.120104
0.000868 0.091779 145.727684 0.120104
0.75000 0.107354 125.914954 0.120104
0.000868 0.202892 113.625962 0.120104
1.00000 0.107354 168.279906 0.120104
0.000868 0.347505 32.848661

COMB DB-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.003617 -167.876868 -0.130140
-0.000435 -0.325826 -111.273178 -0.130140
0.25000 -0.003617 -125.532005 -0.130140

-0.000435 -0.175683 -41.911544
0.50000 -0.003617 -87.128392 -0.130140
-0.000435 -0.060490 -41.011963 -0.130140
0.75000 -0.003617 -46.663023 -0.130140
-0.000435 -0.171924 -42.434633 -0.130140
1.00000 -0.003617 -15.794451 -0.130140
-0.000435 -0.312212 -112.385441

COMB DB-G1-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.102951 14.067993 0.168868
0.001085 0.439222 37.206406 0.168868
0.25000 0.102951 39.699595 0.168868
0.001085 0.242251 103.476317 0.168868
0.50000 0.102951 73.292774 0.168868
0.001085 0.102951 129.272285 0.168868
0.75000 0.102951 105.128783 0.168868
1.00000 0.102951 102.574810 0.168868
0.001085 0.102951 104.343342 0.168868
0.001085 0.463087 35.648987

COMB DB-G1-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.065804 -139.813424 -0.178472
-0.000945 -0.450372 -94.561332 -0.178472
0.25000 -0.065804 -104.659045 -0.178472
-0.000945 -0.132137 -37.122038 -0.178472
0.50000 -0.065804 -72.777781 -0.178472
-0.000945 -0.052644 -36.518464 -0.178472
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.75000 -0.065804 -39.184305 -0.178472
-0.000945 -0.228511 -37.842772 -0.178472
1.00000 -0.065804 -13.557882 -0.178472
-0.000945 -0.432001 -96.057663

COMB DB-G2-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.001453 0.462581 0.088832
0.000302 0.224939 8.419046 0.088832
0.25000 0.001453 0.466531 0.088832
0.000302 0.132336 8.154668 0.088832
0.50000 0.001453 0.517924 0.088832
0.000302 0.020873 7.935465 0.088832
0.75000 0.001453 0.547716 0.088832
0.000302 0.108299 8.670523 0.088832
1.00000 0.001453 0.580583 0.088832
0.000302 0.219618 7.769313

COMB DB-G2-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.092932 -0.392100 -0.088595
-0.000672 -0.226055 -2.295998 -0.088595
0.25000 -0.092932 -0.359199 -0.088595
-0.000672 -0.114702 -3.367634 -0.088595
0.50000 -0.092932 -0.299332 -0.088595
-0.000672 -0.006174 -2.532384 -0.088595
0.75000 -0.092932 -0.298013 -0.088595
-0.000672 -0.114702 -3.367634 -0.088595
1.00000 -0.092932 -0.274065 -0.088595
-0.000672 -0.221928 -2.878649

COMB DB-G2-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.014545 15.109749 0.135023
0.000427 0.359880 32.644143 0.135023
0.25000 0.014545 43.969318 0.135023
0.000427 0.207454 107.751745 0.135023
0.50000 0.014545 117.697555 0.135023
0.000427 0.093443 137.110942 0.135023
0.75000 0.014545 117.697555 0.135023
0.000427 0.204972 107.702097 0.135023
1.00000 0.014545 157.901158 0.135023
0.000427 0.361388 31.535510

COMB DB-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.110052 -156.908418 -0.138630
-0.000858 -0.334722 -104.225643 -0.138630
0.25000 -0.110052 -117.323034 -0.138630
-0.000858 -0.191838 -39.415396 -0.138630
0.50000 -0.110052 -81.422061 -0.138630
-0.000858 -0.093443 -10.989575 -0.138630
0.75000 -0.110052 -43.593691 -0.138630
-0.000858 -0.183993 -39

REL	DIŞT	P	M2	M3	V2	V3
0.00000	-0.114556	-126.201459	-0.250669			
-0.000879	-0.644900	-79.474499				
0.25000	-0.114556	-95.262994	-0.250669			
-0.000879	-0.334651	-33.484002				
0.50000	-0.114556	-60.156925	-0.250669			
-0.000879	-0.048177	-33.905080				
0.75000	-0.114556	-27.947596	-0.250669			
-0.000879	-0.291717	-113.625962				
1.00000	-0.114556	-13.678298	-0.250669			
-0.000879	-0.533176	-81.692386				
COMB DB ----- MAX						
REL	DIŞT	P	M2	M3	V2	V3
0.00000	0.107354	16.175800	0.172923			
0.001085	0.451528	37.82368				
0.25000	0.107354	47.047156	0.172923			
0.001085	0.250338	114.327116				
0.50000	0.107354	86.513452	0.172923			
0.001085	0.104613	145.737684				
0.75000	0.107354	125.914954	0.172923			
0.001085	0.256517	113.625962				
1.00000	0.107354	168.279906	0.172923			
0.001085	0.466186	36.234827				
COMB DB ----- MIN						
REL	DIŞT	P	M2	M3	V2	V3
0.00000	-0.110052	-167.876868	-0.179993			
-0.001064	-0.455540	-111.273178				
0.25000	-0.110052	-125.532005	-0.179993			
-0.001064	-0.241007	-41.911544				
0.50000	-0.110052	-87.126392	-0.179993			
-0.001064	-0.060430	-41.011963				
0.75000	-0.110052	-46.663023	-0.179993			
-0.001064	-0.232992	-42.434633				
1.00000	-0.110052	-113.625962	-0.179993			
-0.001064	-0.441113	-112.385441				
COMB DL ----- MAX						
REL	DIŞT	P	M2	M3	V2	V3
0.00000	0.140923	16.312074	0.207192			
0.000894	0.140923	16.312074				
0.25000	0.140923	33.361323	0.207192			
0.000894	0.305569	81.175208				
0.50000	0.140923	71.812301	0.207192			
0.000894	0.108047	109.735932				
0.75000	0.140923	113.725835	0.207192			
0.000894	0.357770	80.786591				
1.00000	0.140923	150.656947	0.207192			
0.000894	0.657653	31.710247				
COMB DL ----- MIN						
REL	DIŞT	P	M2	M3	V2	V3
0.00000	-0.123987	-150.158276	-0.250669			
-0.000879	-0.644900	-81.523677				
0.25000	-0.123987	-113.273178	-0.250669			
-0.000879	-0.334651	-36.397320				
0.50000	-0.123987	-71.322132	-0.250669			
-0.000879	-0.048402	-32.672686				
0.75000	-0.123987	-32.672686	-0.250669			
-0.000879	-0.276717	-37.234591				
1.00000	-0.123987	-15.841452	-0.250669			
-0.000879	-0.533176	-93.259437				
COMB CAR ----- MAX						
REL	DIŞT	P	M2	M3	V2	V3
0.00000	0.140923	16.312074	0.207192			
0.001085	0.551077	37.782368				
0.25000	0.140923	47.047156	0.207192			
0.001085	0.305569	114.327116				
0.50000	0.140923	87.513452	0.207192			
0.001085	0.108047	145.737684				
0.75000	0.140923	125.914954	0.207192			
0.001085	0.357770	80.786591				
1.00000	0.140923	168.279906	0.207192			
0.001085	0.657653	36.234827				
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COMB CAR ----- MIN						
REL	DIŞT	P	M2	M3	V2	V3
0.00000	-0.123987	-167.876868	-0.250669			
-0.001064	-0.644900	-111.273178				
0.25000	-0.123987	-125.532005	-0.250669			
-0.001064	-0.334651	-41.911544				
0.50000	-0.123987	-87.126392	-0.250669			
-0.001064	-0.060430	-41.011963				
0.75000	-0.123987	-46.663023	-0.250669			
-0.001064	-0.276717	-42.434633				
1.00000	-0.123987	-15.841452	-0.250669			
-0.001064	-0.533176	-112.385441				
COMB DESIGN ----- MAX						
REL	DIŞT	P	M2	M3	V2	V3
0.00000	0.140923	16.312074	0.207192			
0.001085	0.551077	37.782368				
0.25000	0.140923	47.047156	0.207192			
0.001085	0.305569	114.327116				
0.50000	0.140923	87.513452	0.207192			
0.001085	0.108047	145.737684				
0.75000	0.140923	125.914954	0.207192			
0.001085	0.357770	80.786591				
1.00000	0.140923	168.279906	0.207192			
0.001085	0.657653	36.234827				
COMB DESIGN ----- MIN						
REL	DIŞT	P	M2	M3	V2	V3
0.00000	-0.123987	-167.876868	-0.250669			
-0.001064	-0.644900	-111.273178				
0.25000	-0.123987	-125.532005	-0.250669			
-0.001064	-0.334651	-41.911544				
0.50000	-0.123987	-87.126392	-0.250669			
-0.001064	-0.060430	-41.011963				
0.75000	-0.123987	-46.663023	-0.250669			
-0.001064	-0.276717	-42.434633				
1.00000	-0.123987	-15.841452	-0.250669			
-0.001064	-0.533176	-112.385441				
ELEM 220 ===== LENGTH = 5.303710						
COMB DB-G1-1 ----- MAX						
REL	DIŞT	P	M2	M3	V2	V3
0.00000	0.061450	0.718156	0.085411			
0.000986	0.211062	8.245626				
0.25000	0.061450	0.742106	0.085411			
0.000986	0.103640	7.598676				
0.50000	0.061450	0.737500	0.085411			
0.000986	0.018367	0.210047				
0.75000	0.061450	0.803294	0.085411			
0.000986	0.113287	6.563660				
1.00000	0.061450	0.836178	0.085411			
0.000986	0.224111	6.273112				
COMB DB-G1-1 ----- MIN						
REL	DIŞT	P	M2	M3	V2	V3
0.00000	-0.002635	-0.268573	-0.088124			
-1.35E-05	-0.219432	3.08056				
0.25000	-0.002635	-0.235724	-0.088124			

1.35E-05	-0.108645	-3.038768				
0.50000	-0.002635	-20.05930	-0.088124			
0.35E-05	-0.007716	-3.120654				
0.75E-05	-0.002635	-3.228876	-0.088124			
-1.35E-05	-0.111367	-3.028554				
1.00000	-0.002635	-10.150587	-0.088124			
-1.35E-05	-0.128677	-3.347273				
COMB DB-G1-2 ----- MAX						
REL DIST	P	M2	M3	V2	V3	
0.00000	0.090258	16.509101	0.114281			
0.001169	0.291578	32.859770				
0.25000	0.090258	110.573888	0.114281			
0.001169	0.231745	112.689222				
0.50000	0.090258	87.847990	0.114281			
0.001169	0.091502	143.577045				
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REL DIST	P	M2	M3	V2	V3	
0.75000	0.090258	126.251939	0.114281			
0.001169	0.231745	112.689222				
1.00000	0.090258	168.639661	0.114281			
0.001169	0.417600	29.501756				
COMB DB-G1-2 ----- MIN						
REL DIST	P	M2	M3	V2	V3	
0.00000	-0.002705	-167.545680	-0.157331			
-3.74E-05	-0.397346	-11.2397139				
0.25000	-0.002705	-125.203791	-0.157331			
3.74E-05	-0.211812	-43.112186				
-3.74E-05	-0.007006	-86.798833	-0.157331			
-3.74E-05	-0.063679	-42.293198				
0.50000	-0.002705	-46.331339	-0.157331			
1.74E-05	-0.174722	-126.616886				
1.75000	-0.007006	-131.616886	-0.157331			
-3.74E-05	-0.315960	-113.848506				
COMB DB-G1-3 ----- MAX						
REL DIST	P	M2	M3	V2	V3	
0.00000	0.089449	14.531722	0.161162			
0.001168	0.410108	35.665843				
0.25000	0.089449	40.160086	0.161162			
0.001168	0.223903	101.148696				
0.50000	0.089449	73.755729	0.161162			
0.001168	0.094298	126.212275				
0.75000	0.089449	105.637860	0.161162			
0.001168	0.275007	42.901349				
1.00000	0.089449	140.827232	0.161162			
0.001168	0.505231	31.004395				
COMB DB-G1-3 ----- MIN						
REL DIST	P	M2	M3	V2	V3	
0.00000	-0.051741	-139.361381	-0.194922			
-0.000780	-0.494379	-96.055172				
0.25000	-0.051741	-104.210526	-0.194922			
-0.000780	-0.259043	-38.626067				
0.50000	-0.051741	-72.901349	-0.194922			
-0.000780	-0.059989	-38.031448				
0.75000	-0.051741	-38.732331	-0.194922			
-0.000780	-0.227100	-39.335544				
1.00000	-0.051741	-13.051774	-0.194922			
-0.000780	-0.427745	-97.605693				
COMB DB-G2-1 ----- MAX						
REL DIST	P	M2	M3	V2	V3	
0.00000	0.000889	0.652505	0.085701			
0.44E-05	0.217312	7.678433				
0.50000	0.000889	0.766434	0.085701			
1.65E-05	0.193747	7.210082				
0.50000	0.000889	0.707849	0.085701			
1.04E-05	0.017521	6.600446				
0.75000	0.000889	0.776643	0.085701			
1.04E-05	0.017521	6.119025				
1.00000	0.000889	0.710927	0.085701			
1.04E-05	0.199013	5.842509				
COMB DB-G2-1 ----- MIN						
REL DIST	P	M2	M3	V2	V3	
0.00000	-0.075027	-2.032434	-0.080470			
-0.000957	-0.205937	-2.867238				
0.25000	-0.075027	-2.199596	-0.080470			
-0.000957	-0.477444	-2.900334				
-0.000957	-0.075027	-0.169890	-0.080470			
-0.000957	-0.007188	-2.965541				
0.75000	-0.075027	-0.138407	-0.080470			
-0.000957	0.106104	-3.074524				
1.04E-05	0.075027	-0.114968	-0.080470			
-0.000957	-0.213679	-3.215739				
COMB DB-G2-2 ----- MAX						
REL DIST	P	M2	M3	V2	V3	
0.00000	0.018624	15.448515	0.116246			
3.84E-07	0.302837	31.547114				
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REL DIST	P	M2	M3	V2	V3	
0.25000	0.018624	14.307497	0.116246			
3.84E-07	0.175260	106.135197				
0.25000	0.018624	82.133616	0.116246			
3.84E-07	0.087644	34.946620				
0.75000	0.018624	118.039594	0.116246			
3.84E-07	0.209981	104.010700				
1.00000	0.018624	157.665044	0.116246			
3.84E-07	0.384915	28.162128				
COMB DB-G2-2 ----- MIN						
REL DIST	P	M2	M3	V2	V3	
0.00000	-0.088069	-104.584798	-0.147937			
-0.001202	-0.301718	-106.271121				
0.25000	-0.088069	-117.002752	-0.147937			
-0.001202	-0.205716	-40.503990				
0.50000	-0.088069	-81.100507	-0.147937			
-0.001202	-0.060026	-39.929222				
0.75000	-0.088069	-43.270150	-0.147937			
-0.001202	-0.168477	-41.323495				
1.00000	-0.088069	-104.412358	-0.147937			
-0.001202	-0.312419	-106.767646				
COMB DB-G2-3 ----- MAX						
REL DIST	P	M2	M3	V2	V3	
0.00000	0.068338	11.511652	0.161363			
0.000727	0.412401	36.251645				
0.25000	0.068338	82.133616	0.161363			
0.000727	0.226929	105.110491				
0.50000	0.068338	77.274445	0.161363			
0.000727	0.096491	131.492546				
0.25000	0.068338	110.738616	0.161363			
0.000727	0.267411	102.416535				
1.00000	0.068338	147.674139	0.161363			
0.000727	0.500288	31.601136				
COMB DB-G2-3 ----- MIN						

0.75000 -0.106216 -46.331339 -0.305980
-0.001202 -0.284498 -43.761686
1.00000 -0.100000 -45.924818 -0.305980
-0.001202 -0.533240 -113.848506
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FRAME ELEMENT INTERNAL FORCES

ELEM 221 ===== LENGTH
= 5.031189
COMB DB-G1-1 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.050032 0.746463
-1.5E-05 0.235742 6.288916
0.25000 0.050032 0.770419
0.001170 0.115528 5.569624
0.50000 0.050032 0.801822
0.001170 0.121534 4.927694
0.75000 0.050032 0.831619
0.001170 0.121534 4.427056
1.00000 0.050032 0.864525
0.001170 0.204443 4.084761

COMB DB-G1-1 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.009752 -0.230492
-1.5E-05 -0.079528 -3.362639
0.25000 -0.009752 -0.197647
-1.5E-05 -0.116301 -3.426361
0.50000 -0.009752 -0.167844
-1.5E-05 -0.090666 -3.543032
0.75000 -0.009752 -0.136446
-1.5E-05 -0.125382 -3.661502
1.00000 -0.009752 -0.112502
-1.5E-05 -0.245676 -3.833296

COMB DB-G1-2 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.079853 16.515354
0.001366 0.303972 29.495828
0.25000 0.079853 47.392619
0.001366 0.169904 109.208432
0.50000 0.079853 87.873069
0.001366 0.081889 193.872257
0.75000 0.079853 126.281419
0.001366 0.252105 106.485427
1.00000 0.079853 168.698395
0.001366 0.467456 25.640697

COMB DB-G1-2 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.009361 -167.483832
-4.2E-05 -0.466358 -113.896164
0.25000 -0.009361 -125.146888
-4.2E-05 -0.245673 -44.642235
0.50000 -0.009361 -86.731303
-4.2E-05 -0.067774 -43.844030
0.75000 -0.009361 -46.258333
-4.2E-05 -0.205151 -45.924818
1.00000 -0.009361 -15.395511
-4.2E-05 -0.342198 -115.538279

COMB DB-G1-3 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.086282 14.558446
0.001230 0.412368 31.008670
0.25000 0.086282 40.193745
0.001230 0.086282 96.324650
0.50000 0.086282 73.790892
0.001230 0.081109 121.841866
0.75000 0.086282 105.683866
0.001230 0.314728 93.001234
1.00000 0.086282 140.897525
0.001230 0.591462 25.702942

COMB DB-G1-3 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.047547 -139.276835
-0.000911 -0.578057 -97.643465
0.25000 -0.047547 -104.129618
-0.000911 -0.297196 -40.268789
0.50000 -0.047547 -72.337928
-0.000911 -0.064356 -39.724538
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
T M3
0.75000 -0.047547 -38.683041
-0.000911 -0.235008 -10.017205
1.00000 -0.047547 -13.017032
-0.000911 -0.441176 -99.480403
COMB DB-G2-1 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.007493 0.677859
1.17E-05 0.208805 5.867669
0.25000 0.007493 0.701815
1.17E-05 0.105384 5.236706
0.50000 0.007493 0.733218
1.17E-05 0.017431 4.421168
0.75000 0.007493 0.763015
1.17E-05 0.111163 4.119411
1.00000 0.007493 0.795922
1.17E-05 0.215385 3.711822

COMB DB-G2-1 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.061250 -0.194844
-0.001149 -0.061250 -0.194844
0.25000 -0.061250 -0.194844
-0.001149 -0.061250 -0.194844
0.50000 -0.061250 -0.194844
-0.001149 -0.061250 -0.194844
0.75000 -0.061250 -0.194844
-0.001149 -0.061250 -0.194844
1.00000 -0.061250 -0.194844
-0.001149 -0.061250 -0.194844

COMB DB-G2-2 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.030142 15.454127
4.34E-07 0.274138 28.159307
0.25000 0.030142 43.010420
4.34E-07 0.157852 102.633907
0.50000 0.030142 82.161688
4.34E-07 0.078119 131.228357
0.75000 0.030142 118.067089
4.34E-07 0.245826 99.828721
1.00000 0.030142 157.719886
4.34E-07 0.451207 24.290053

COMB DB-G2-2 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.061250 -0.194844
-0.001149 -0.061250 -0.194844
0.25000 -0.061250 -0.194844
-0.001149 -0.061250 -0.194844
0.50000 -0.061250 -0.194844
-0.001149 -0.061250 -0.194844
0.75000 -0.061250 -0.194844
-0.001149 -0.061250 -0.194844
1.00000 -0.061250 -0.194844
-0.001149 -0.061250 -0.194844

0.00000 -0.071203 -156.522892 -0.170132
0.00000 -0.438908 -106.788111
0.25000 -0.071203 -116.944911
-0.001416 -0.229419 -42.068395
0.50000 -0.071203 -81.032747
0.00000 -0.063866 -41.343361
0.75000 -0.071203 -43.192720
-0.001416 -0.159484 -42.748498
1.00000 -0.071203 -14.345680
-0.001416 -0.293408 -108.407838

COMB DB-G2-3 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.072521 15.136238
0.000849 0.405120 31.604879
0.25000 0.072521 42.043690
0.000849 0.219923 100.297152
0.50000 0.072521 77.315436
0.000849 0.083452 126.429583
0.75000 0.072521 110.783441
0.000849 0.310425 96.973584
1.00000 0.072521 147.744455
0.000849 0.576638 26.308843

COMB DB-G2-3 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.065995 -146.136757
-0.001272 -0.558746 -102.055971
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
T M3
0.00000 -0.065995 -109.245480
-0.001272 -0.267171 -42.371370
0.50000 -0.065995 -75.717171
-0.001272 -0.066351 -41.237249
0.75000 -0.065995 -40.504111
-0.001272 -0.220127 -32.689894
1.00000 -0.065995 -13.611077
-0.001272 -0.431075 -103.932521

COMB DL-G1-1 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.061227 0.834500
0.001132 0.326441 6.889225
0.25000 0.061227 0.843003
0.001132 0.157579 6.206941
0.50000 0.061227 5.543558
0.001132 0.015675 0.883301
0.75000 0.061227 4.962234
0.001132 0.240470 3.901814
1.00000 0.061227 4.446042

COMB DL-G1-1 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.008330 -0.188473
-0.00000 -0.457715 -4.474787
0.25000 -0.008330 -0.169959
-1.40E-05 -0.217052 -4.545105
0.50000 -0.008330 -0.148948
-0.00000 -0.011825 -0.161945
0.75000 -0.008330 -0.129678
-1.40E-05 -0.179756 -4.853404
1.00000 -0.008330 -0.121513
-1.40E-05 -0.349917 -5.035692

COMB DL-G1-2 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.116037 16.622491
0.001285 0.429661 24.314775
0.25000 0.116037 33.708256
0.001285 0.227768 76.435915
0.50000 0.116037 72.173509
0.001285 0.080405 124.281069
0.75000 0.116037 114.101028
0.001285 0.413211 74.281329
1.00000 0.116037 151.034993
0.001285 0.762782 20.816705

COMB DL-G1-2 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.007498 -149.777131
-2.81E-05 -0.736869 -95.239478
0.25000 -0.007498 -112.841417
-2.81E-05 -0.374843 -39.976927
0.50000 -0.007498 -70.924445
-2.81E-05 -0.573212 -40.724748
0.75000 -0.007498 -32.870788
-2.81E-05 -0.273470 -40.606557
1.00000 -0.007498 -15.473525
-2.81E-05 -0.498100 -97.037977

COMB DL-G1-3 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.120006 14.527285
0.001161 0.553572 27.192243
0.25000 0.120006 28.484592
0.001161 0.281700 68.716884
0.50000 0.120006 59.912049
0.001161 0.084273 60.609346
0.75000 0.120006 94.166515
0.001161 0.508532 14.312120
1.00000 0.120006 124.341289
0.001161 0.958772 21.752280
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.051002 -122.617619
-0.000849 -0.051002 -82.006887
0.25000 -0.051002 -92.441418
-0.000849 -0.466320 -37.012892
0.50000 -0.051002 -18.195568
-0.000849 -0.051002 -37.415670
0.75000 -0.051002 -25.614118
-0.000849 -0.327415 -37.850053
1.00000 -0.051002 -12.892582
-0.000849 -0.612954 -84.116426

COMB DL-G2-1 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.006833 0.784893
1.06E-05 0.261096 6.501047
0.25000 0.006833 0.793546
1.06E-05 0.131210 4.180454
0.50000 0.006833 0.812828
1.06E-05 0.014766 5.307312
0.75000 0.006833 0.833845
1.06E-05 0.186196 4.180454
1.00000 0.006833 0.852358
1.06E-05 0.368051 4.181380

COMB DL-G2-1 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.006833 -0.784893
-1.06E-05 -0.261096 -6.501047
-0.25000 -0.006833 -0.793546
-1.06E-05 -0.131210 -4.180454
-0.50000 -0.006833 -0.812828
-1.06E-05 -0.014766 -5.307312
-0.75000 -0.006833 -0.833845
-1.06E-05 -0.186196 -4.180454
-1.00000 -0.006833 -0.852358
-1.06E-05 -0.368051 -4.181380

REL DIST P M2 V2 V3
T M3
0.00000 -0.078531 -0.176996
-0.001125 -0.360539 -4.171735
0.25000 -0.078531 -0.158483
-0.001125 -0.000757 -12.498180
0.50000 -0.078531 -0.137471
-0.001125 -0.010850 -4.969909
0.75000 -0.078531 -0.118200
-0.001125 -0.193932 -49.0968
1.00000 -0.078531 -0.109676
-0.001125 -0.259812 -5.356346

COMB DL-G2-2 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.051093 15.438817
2.51E-07 0.352482 23.594427
0.25000 0.051093 31.229525
2.51E-07 0.196052 11.440835
0.50000 0.051093 66.785221
2.51E-07 0.079729 97.126030
0.75000 0.051093 105.539278
2.51E-07 0.352243 69.319774
1.00000 0.051093 139.677742
2.51E-07 0.652500 19.781042

COMB DL-G2-2 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.086712 -138.417204
-0.001334 -0.644138 -88.518604
0.25000 -0.086712 -104.277126
-0.001334 -0.332397 -37.475229
0.50000 -0.086712 -65.548817
-0.001334 -0.093490 -77.784918
0.75000 -0.086712 -29.998930
-0.001334 -0.212091 -38.130272
1.00000 -0.086712 -13.267742
-0.001334 -0.390337 -90.326537

COMB DL-G2-3 ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.103876 14.822682
0.000799 0.516166 31.732369
0.25000 0.103876 29.134510
0.000799 0.280820 69.993706
0.50000 0.103876 61.360234
0.000799 0.056305 92.594753
0.75000 0.103876 96.484775
0.000799 0.491991 67.043219
1.00000 0.103876 127.425998
0.000799 0.925490 21.928441
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.079932 -125.705748
-0.001201 -0.891268 -83.929000
0.25000 -0.079932 -94.763061
-0.001201 -0.453414 -38.045348
0.50000 -0.079932 -59.847352
-0.001201 -0.058380 -76.467319
0.75000 -0.079932 -27.441398
-0.001201 -0.313672 -38.921872
1.00000 -0.079932 -13.193595
-0.001201 -0.587348 -86.373305

COMB DB ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.086282 16.515354
0.001366 0.412368 31.008670
0.25000 0.086282 47.392619
0.001366 0.221772 109.208432
0.50000 0.086282 87.873069
0.001366 0.086282 126.281419
0.75000 0.086282 105.683866
0.001366 0.314728 93.001234
1.00000 0.086282 140.897525
0.001366 0.591462 25.702942

COMB DB ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.071203 -167.483832
-0.001416 -0.578057 -113.896164
0.25000 -0.071203 -125.146888
-0.001416 -0.297196 -40.268789
0.50000 -0.071203 -72.337928
-0.001416 -0.064356 -39.724538
Program SAP2000 Nonlinear Version 7.42
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COMB DL ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.120006 16.622491
0.001285 0.553572 27.332239
0.25000 0.120006 33.708256
0.001285 0.227700 76.435915
0.50000 0.120006 72.173509
0.001285 0.080405 124.281069
0.75000 0.120006 114.101028
0.001285 0.413211 74.281329
1.00000 0.120006 151.034993
0.001285 0.958772 21.928441

COMB DL ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.086712 -149.777131
-0.001334 -0.926740 -95.239478
0.25000 -0.086712 -112.841417
-0.001334 -0.466320 -39.976927
0.50000 -0.086712 -70.924445
-0.001334 -0.583880 -40.724748
0.75000 -0.086712 -32.870788
-0.001334 -0.273470 -40.606557
1.00000 -0.086712 -15.473525
-0.001334 -0.612954 -97.037977

COMB CAR ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.120006 16.622491
0.001366 0.553572 31.604879
0.25000 0.120006 47.392619
0.001366 0.287700 109.208432
0.50000 0.120006 87.873069
0.001366 0.085305 139.872257
0.75000 0.120006 126.281419
0.001366 0.508532 106.485427
0.001366 0.958772 26.308843
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.086712 -167.483832
-0.001416 -0.926740 -113.896164
0.25000 -0.086712 -125.146888
-0.001416 -0.466320 -40.268789
0.50000 -0.086712 -72.337928
-0.001416 -0.064356 -39.724538
Program SAP2000 Nonlinear Version 7.42
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REL DIST P M2 V2 V3
T M3
0.00000 -0.086712 -167.483832
-0.001416 -0.926740 -113.896164
0.25000 -0.086712 -125.146888
-0.001416 -0.466320 -44.642235
0.50000 -0.086712 -86.731303
-0.001416 -0.067774 -43.844030
0.75000 -0.086712 -46.258333
-0.001416 -0.327415 -45.924818
1.00000 -0.086712 -15.473525
-0.001416 -0.612954 -115.538279

COMB DESIGN ----- MAX
REL DIST P M2 V2 V3
T M3
0.00000 0.120006 16.622491
0.001366 0.553572 31.604879
0.25000 0.120006 47.392619
0.001366 0.287700 109.208432
0.50000 0.120006 87.873069
0.001366 0.085305 139.872257
0.75000 0.120006 126.281419
0.001366 0.508532 106.485427
0.001366 0.958772 26.308843

COMB DESIGN ----- MIN
REL DIST P M2 V2 V3
T M3
0.00000 -0.0867

0.00000 -0.038285 -0.164649 -0.091962
0.001228 -0.230825 -3.689247 -0.091962
0.25000 -0.038285 -0.131859 -0.091962
-0.001228 -0.115183 -3.630020 -0.091962
0.50000 -0.038285 -0.102009 -0.091962
-0.001228 -0.009087 -3.623596 -0.091962
0.75000 -0.038285 -0.070161 -0.091962
-0.001228 -0.097344 -3.618585 -0.091962
1.00000 -0.038285 -0.046763 -0.091962
-0.001228 -0.196453 -3.667635 -0.091962

COMB DB-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.050875 15.206643 0.115496
4.53E-07 0.287542 24.315761
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.25000 0.050875 44.143693 0.115496
4.53E-07 0.151624 98.526584
0.50000 0.050875 82.045793 0.115496
4.53E-07 0.066535 126.660695
0.75000 0.050875 117.957328 0.115496
4.53E-07 0.251185 91.661202
1.00000 0.050875 157.906719 0.115496
4.53E-07 0.467983 19.514221

COMB DB-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.043308 -156.260511 -0.185409
-0.001509 -0.496730 -108.403673 -0.185409
0.25000 -0.043308 -116.748306 -0.185409
-0.001509 -0.268852 -43.366395 -0.185409
0.50000 -0.043308 -80.778898 -0.185409
-0.001509 -0.067073 -42.351005 -0.185409
0.75000 -0.043308 -42.943861 -0.185409
-0.001509 -0.189142 -84.640717 -0.185409
1.00000 -0.043308 -14.207035 -0.185409
-0.001509 -0.308884 -108.474784

COMB DB-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.080122 14.974992 0.179571
0.000890 0.443258 26.346798
0.25000 0.080122 41.947826 0.179571
0.000890 0.226338 94.690170
0.50000 0.080122 72.027000 0.179571
0.000890 0.067872 120.277577
0.75000 0.080122 110.750483 0.179571
0.000890 0.320887 87.335446
1.00000 0.080122 147.987957 0.179571
0.000890 0.608907 19.772797

COMB DB-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.048729 -145.814886 -0.241149
0.001356 -0.634246 103.944189
0.25000 -0.048729 -108.984921 -0.241149
0.001356 -0.331075 -43.487601 -0.241149
0.50000 -0.048729 -75.475253 -0.241149
0.001356 -0.170032 -42.333782 -0.241149
0.75000 -0.048729 -40.190605 -0.241149
0.001356 -0.253989 -42.778613 -0.241149
1.00000 -0.048729 -13.404543 -0.241149
-0.001356 -0.474585 -103.939180

COMB DL-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.036824 0.885982 0.163866
0.001278 0.330924 4.476709
0.25000 0.036824 8.994774 0.163866
0.001278 0.192099 3.612442
0.50000 0.036824 9.014087 0.163866
0.001278 0.008176 0.200878
0.75000 0.036824 0.935113 0.163866
0.001278 0.264161 2.575063 0.163866
1.00000 0.036824 0.953580 0.163866
0.001278 0.522038 2.071282

COMB DL-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.026640 -0.118677 -0.204892
1.51E-05 -0.508253 -5.075230 -0.204892
0.25000 -0.026640 -0.000000 -0.204892
-1.51E-05 -0.250834 -5.060347 -0.204892
0.50000 -0.026640 -0.079102 -0.204892
1.51E-05 -0.013580 -2.338984 -0.204892
0.75000 -0.026640 -0.059432 -0.204892
-1.51E-05 -0.218486 -5.638221 -0.204892
1.00000 -0.026640 -0.051398 -0.204892
1.51E-05 -0.425378 -6.233426
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.091318 16.322886 0.231325
0.001447 0.553390 20.867089
0.25000 0.091318 33.982035 0.231325
0.001447 0.286995 72.152096
0.50000 0.091318 72.392549 0.231325
0.001447 0.070286 99.180890
0.75000 0.091318 114.338484 0.231325
0.001447 0.449104 68.618719 0.231325
1.00000 0.091318 151.179766 0.231325
0.001447 0.845133 15.427746

COMB DL-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.025686 -149.202772 -0.331779
3.9E-05 -0.846375 -97.082119 -0.331779
0.25000 -0.025686 -112.212286 -0.331779
-3.9E-05 -0.435283 -42.023865 -0.331779
0.50000 -0.025686 -70.250662 -0.331779
3.9E-05 -0.062124 -41.973180 -0.331779
0.75000 -0.025686 -31.825269 -0.331779
-3.9E-05 -0.343533 -42.319234 -0.331779
1.00000 -0.025686 -14.981062 -0.331779
-3.9E-05 -0.635863 -99.652404

COMB DL-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.111752 14.325203 0.277423
0.001313 0.670453 21.823713 0.277423
0.25000 0.111752 28.654556 0.277423
0.001313 0.341955 72.152096 0.277423
0.50000 0.111752 60.133696 0.277423
0.001313 0.065299 83.956134 0.277423
0.75000 0.111752 94.403210 0.277423
0.001313 0.541451 58.624414 0.277423
1.00000 0.111752 124.502260 0.277423
0.001313 1.039156 15.056919

COMB DL-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.048158 -122.044457 -0.409671
0.25000 -0.048158 -91.823508 -0.409671
-0.000926 -0.529959 -39.200724 -0.409671
0.50000 -0.048158 -57.541177 -0.409671
-0.000926 -0.063163 -55.365343 -0.409671
0.75000 -0.048158 -26.147920 -0.409671
-0.000926 -0.396231 -40.049542 -0.409671
1.00000 -0.048158 -12.386330 -0.409671
-0.000926 -0.746213 -87.479111

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.025084 0.827533 0.106003
1.1E-05 0.264538 4.188112 0.106003
0.25000 0.025084 0.836325 0.106003
1.1E-05 0.131477 3.558519 0.106003
0.50000 0.025084 0.836325 0.106003
1.1E-05 0.007229 2.695906 0.106003
0.75000 0.025084 0.876664 0.106003
1.1E-05 0.184474 2.173405 0.106003
1.00000 0.025084 0.885130 0.106003
1.1E-05 0.370333 1.809388

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.049583 -0.110193 -0.147993
-0.001282 -0.373982 -5.347343 -0.147993
0.25000 -0.049583 -0.092227 -0.147993
-0.001282 -0.188023 -5.326332 -0.147993
0.50000 -0.049583 -0.071131 -0.147993
-0.001282 -0.012201 -5.471345 -0.147993
0.75000 -0.049583 -0.051932 -0.147993
-0.001282 -0.135685 -5.746443 -0.147993
1.00000 -0.049583 -0.043488 -0.147993
-0.001282 -0.268895 -6.192133
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.077080 15.155172 0.162157
2.74E-07 0.393127 19.800026 0.162157
0.25000 0.077080 31.366996 0.162157
2.74E-07 0.213121 67.097803 0.162157
0.50000 0.077080 66.981165 0.162157
2.74E-07 0.065198 92.013342 0.162157
0.75000 0.077080 105.752245 0.162157
2.74E-07 0.358241 63.681847 0.162157
1.00000 0.077080 139.809809 0.162157
2.74E-07 0.676083 14.391294

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.052177 -137.859368 -0.268530
0.000517 0.695984 -90.315141 -0.268530
0.25000 -0.052177 -103.668663 -0.268530
0.000517 -0.364115 -39.430055 -0.268530
0.50000 -0.052177 -64.883087 -0.268530
0.000517 0.050045 -39.400442 -0.268530
0.75000 -0.052177 -29.366077 -0.268530
0.000517 -0.242371 -39.783397 -0.268530
1.00000 -0.052177 -13.796795 -0.268530
0.000517 -0.446619 -92.863595

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.109289 14.607218 0.260516
0.000565 0.631229 91.130441 0.260516
0.25000 0.109289 23.300000 0.260516
0.000865 0.324615 64.003950 0.260516
0.50000 0.109289 61.579262 0.260516
0.000865 0.065072 85.364529 0.260516
0.75000 0.109289 98.719233 0.260516
0.000865 0.515795 59.881533 0.260516
1.00000 0.109289 127.582809 0.260516
0.000865 0.990185 15.951619

COMB DL-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.054932 -125.121842 -0.391516
0.000366 0.997991 -86.391245 -0.391516
0.25000 -0.054932 -94.132721 -0.391516
-0.001366 -0.511051 -40.311501 -0.391516
0.50000 -0.054932 -58.980158 -0.391516
0.001366 0.063448 -90.557178 -0.391516
0.75000 -0.054932 -26.789501 -0.391516
-0.001366 -0.372469 -41.141288 -0.391516
1.00000 -0.054932 -12.678362 -0.391516
-0.001366 -0.701069 -89.622386

COMB DB ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.080470 16.233759 0.187249
0.001445 0.460687 26.346798 0.187249
0.25000 0.080470 47.188258 0.187249
0.001445 0.233000 105.125245 0.187249
0.50000 0.080470 87.732236 0.187249
0.001445 0.070389 135.315327 0.187249
0.75000 0.080470 126.147148 0.187249
0.001445 0.328585 98.906991 0.187249
1.00000 0.080470 168.881393 0.187249
0.001445 0.623493 20.910882

COMB DB ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.048729 -167.205846 -0.246046
-0.001509 -0.642712 -115.558919 -0.246046
0.25000 -0.048729 -124.939263 -0.246046
-0.001509 -0.333291 -46.185505 -0.246046
0.50000 -0.048729 -86.462444 -0.246046
-0.001509 -0.071396 -44.875662 -0.246046
0.75000 -0.048729 -45.989947 -0.246046
-0.001509 -0.264691 -85.635691 -0.246046
1.00000 -0.048729 -15.245885 -0.246046
-0.001509 -0.495284 -115.582812

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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.111752 16.322886 0.277423
0.001447 0.670453 21.823713 0.277423
0.25000 0.111752 33.862035 0.277423
0.001447 0.341955 72.152096 0.277423
0.50000 0.111752 72.392549 0.277423
0.001447 0.070286 99.180890 0.277423
0.75000 0.111752 114.338484 0.277423
0.001447 0.449104 68.618719 0.277423
1.00000 0.111752 151.179766 0.277423
0.001447 1.039156 15.427746

COMB DL ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.054932 -149.202772 -0.409671
-0.001517 -0.104003 -97.082119 -0.409671
0.25000 -0.054932 -112.212286 -0.409671
-0.001517 -0.529959 -42.023865 -0.409671
0.50000 -0.054932 -70.250662 -0.409671
-0.001517 -0.063448 -41.973180 -0.409671
0.75000 -0.054932 -31.825269 -0.409671
-0.001517 -0.396231 -42.319234 -0.409671
1.00000 -0.054932 -14.981062 -0.409671
-0.001517 -0.746213 -99.652404

COMB CAR ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.111752 16.322886 0.277423
0.001447 0.670453 26.346798 0.277423
0.25000 0.111752 47.188258 0.277423
0.001447 0.341585 105.120765 0.277423
0.50000 0.111752 97.732236 0.277423
0.001447 0.070389 135.315327 0.277423
0.75000 0.111752 126.147148 0.277423
0.001447 0.541451 98.909091 0.277423
1.00000 0.111752 168.881393 0.277423
0.001447 1.039156 20.910882

COMB CAR ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.054932 -167.205846 -0.409671
-0.001517 -0.104003 -115.558919 -0.409671
0.25000 -0.054932 -124.939263 -0.409671
-0.001517 -0.529959 -46.185505 -0.409671
0.50000 -0.054932 -86.462444 -0.409671
-0.001517 -0.071396 -44.875662 -0.409671
0.75000 -0.054932 -45.989947 -0.409671
-0.001517 -0.396231 -45.386681 -0.409671
1.00000 -0.054932 -12.678362 -0.409671
-0.001517 -0.746213 -115.582812

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.111752 16.322886 0.277423
0.001447 0.670453 26.346798 0.277423
0.25000 0.111752 47.188258 0.277423
0.001447 0.341585 105.120765 0.277423
0.50000 0.111752 97.732236 0.277423
0.001447 0.070389 135.315327 0.277423
0.75000 0.111752 126.147148 0.277423
0.001447 0.541451 98.909091 0.277423
1.00000 0.111752 168.881393 0.277423
0.001447 1.039156 20.910882

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.054932 -167.205846 -0.409671
-0.001517 -0.104003 -115.558919 -0.409671
0.25000 -0.054932 -124.939263 -0.409671
-0.001517 -0.529959 -46.185505 -0.409671
0.50000 -0.054932 -86.462444 -0.409671
-0.001517 -0.071396 -44.875662 -0.409671
0.75000 -0.054932 -45.989947 -0.409671
-0.001517 -0.396231 -45.386681 -0.409671
1.00000 -0.054932 -12.678362 -0.409671
-0.001517 -0.746213 -115.582812
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FRAME ELEMENT INTERNAL FORCES

ELEM 223 ----- LENGTH = 5.030731

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.021268 0.682772 0.119588
0.001064 0.298984 1.399001 0.119588
0.25000 0.021268 0.731532 0.119588
0.001064 0.148651 1.869753 0.119588
0.50000 0.021268 0.739695 0.119588
0.001064 0.010663 1.174853 0.119588
0.75000 0.021268 0.731532 0.119588
0.001064 0.128705 1.122381 0.119588
1.00000 0.021268 0.804542 0.119588
0.001064 0.259296 1.053318

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.040124 -0.187836 -0.103839
-0.000476 -0.263094 -3.808695 -0.103839
0.25000 -0.040124 -0.155388 -0.103839
-0.000476 -0.13

REL DIST	P	M2	V2	V3
0.00000	-0.057253	-149.312572	-0.326846	
-0.000505	-0.865472	-99.675644		
0.25000	-0.057253	-111.518232	-0.326846	
-0.000505	-0.456403	-34.340309		
0.50000	-0.057253	-68.968639	-0.326846	
-0.000505	-0.062844	-38.193187		
0.75000	-0.057253	-30.823685	-0.326846	
-0.000505	-0.360770	-32.492517		
1.00000	-0.057253	-15.934865	-0.326846	
-0.000505	-0.706852	-91.059830		

COMB DL-G1-3 ----- MAX

REL DIST	P	M2	V2	V3
0.00000	0.115078	9.191734	0.318209	
0.001422	0.798835	15.097350		
0.25000	0.115078	27.817860	0.318209	
0.001422	0.410421	57.871450		
0.50000	0.115078	59.982427	0.318209	
0.001422	0.047339	78.844459		
0.75000	0.115078	94.270882	0.318209	
0.001422	0.473235	93.339082		
1.00000	0.115078	123.055233	0.318209	
0.001422	0.943880	14.946118		

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST	P	M2	V2	V3
0.00000	-0.062598	-122.169073	-0.391678	
0.001233	-1.032858	-87.479994		
0.25000	-0.062598	-91.291381	-0.391678	
-0.001233	-0.062598	-42.650169		
0.50000	-0.062598	-56.528683	-0.391678	
-0.001233	-0.065668	-38.078867		
0.75000	-0.062598	-25.364543	-0.391678	
-0.001233	-0.062598	-31.980395		
1.00000	-0.062598	-13.200489	-0.391678	
-0.001233	-0.816411	-82.468868		

COMB DL-G2-1 ----- MAX

REL DIST	P	M2	V2	V3
0.00000	0.051423	0.728778	0.107610	
0.000372	0.272153	1.798502		
0.25000	0.051423	0.740204	0.107610	
0.000372	0.136795	1.524508		
0.50000	0.051423	0.759338	0.107610	
0.000372	0.006000	1.401746		
0.75000	0.051423	0.780975	0.107610	
0.000372	0.148658	1.367101		
1.00000	0.051423	0.799635	0.107610	
0.000372	0.311604	1.330359		

COMB DL-G2-1 ----- MIN

REL DIST	P	M2	V2	V3
0.00000	-0.024039	-0.168315	-0.129685	
0.001132	-0.340920	-1.731168		
0.25000	-0.024039	-0.149371	-0.129685	
-0.001132	-0.177304	-6.409582		
0.50000	-0.024039	-0.128000	-0.129685	
-0.001132	-0.178153	-7.27768		
0.75000	-0.024039	-0.108922	-0.129685	
-0.001132	-0.133830	-7.328763		
1.00000	-0.024039	-0.101459	-0.129685	
-0.001132	-0.269262	-7.376420		

COMB DL-G2-2 ----- MAX

REL DIST	P	M2	V2	V3
0.00000	0.114426	9.479722	0.180382	
0.000443	0.459192	1.939531		
0.25000	0.114426	30.552534	0.180382	
0.000443	0.246492	63.405401		
0.50000	0.114426	66.942167	0.180382	
0.000443	0.024039	51.616411		
0.75000	0.114426	75.734676	0.180382	
0.000443	0.290385	58.897369		
1.00000	0.114426	138.300063	0.180382	
0.000443	0.570489	15.374576		

COMB DL-G2-2 ----- MIN

REL DIST	P	M2	V2	V3
0.00000	-0.024685	-137.972229	-0.242967	
0.001309	-0.658992	-92.827874		
0.25000	-0.024685	-103.939513	-0.242967	
-0.001309	-0.354705	-41.746175		
0.50000	-0.024685	-63.709465	-0.242967	
-0.001309	-0.064760	-76.149947		
0.75000	-0.024685	-28.000000	-0.242967	
-0.001309	-0.242147	-30.980380		
1.00000	-0.024685	-14.689776	-0.242967	
-0.001309	-0.465332	-85.214046		

COMB DL-G2-3 ----- MAX

REL DIST	P	M2	V2	V3
0.00000	0.124660	9.354798	0.295648	
0.001160	0.744070	15.218422		
0.25000	0.124660	28.454034	0.295648	
0.001160	0.390148	59.136924		
0.50000	0.124660	61.432662	0.295648	
0.001160	0.050208	80.719281		
0.75000	0.124660	96.594984	0.295648	
0.001160	0.444140	94.046118		
1.00000	0.124660	126.110457	0.295648	
0.001160	0.880360	15.284333		

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST	P	M2	V2	V3
0.00000	-0.044308	-125.250441	-0.367271	
0.001471	-0.973612	-89.613552		
0.25000	-0.044308	-33.532968	-0.367271	
-0.001471	-0.512551	-33.532968		
0.50000	-0.044308	-57.942764	-0.367271	
-0.001471	-0.070567	-38.719241		
0.75000	-0.044308	-29.870124	-0.367271	
-0.001471	-0.389411	-34.389071		
1.00000	-0.044308	-13.514019	-0.367271	
-0.001471	-0.758523	-83.992972		

COMB DB ----- MAX

REL DIST	P	M2	V2	V3
0.00000	0.080925	10.836666	0.202376	
0.001462	0.507333	20.300502		
0.25000	0.080925	42.803469	0.202376	
0.001462	0.264945	100.636438		
0.50000	0.080925	84.197941	0.202376	
0.001462	0.054892	129.191315		
0.75000	0.080925	119.890128	0.202376	
0.001462	0.273670	94.046118		
1.00000	0.080925	167.796653	0.202376	
0.001462	0.548466	23.155090		

COMB DB ----- MIN

REL DIST	P	M2	V2	V3
0.00000	-0.051523	-166.241749	-0.233282	
-0.001502	-0.627900	-115.610849		
0.25000	-0.051523	-124.415892	-0.233282	
-0.001502	0.943880	-46.033406		
0.50000	-0.051523	-85.162309	-0.233282	
-0.001502	-0.062080	-37.925545		
0.75000	-0.051523	-44.841934	-0.233282	
-0.001502	-0.062080	-37.925545		
1.00000	-0.051523	-16.352241	-0.233282	
-0.001502	-0.516867	-103.058905		

COMB DL ----- MAX

REL DIST	P	M2	V2	V3
0.00000	0.124660	10.191375	0.318209	
0.001422	0.798835	15.081061		
0.25000	0.124660	32.989781	0.318209	
0.001422	0.410421	68.524210		
0.50000	0.124660	72.369258	0.318209	
0.001422	0.054672	94.700295		
0.75000	0.124660	114.328377	0.318209	
0.001422	0.473235	63.579173		
1.00000	0.124660	149.569128	0.318209	
0.001422	0.943880	16.954477		

COMB DL ----- MIN

REL DIST	P	M2	V2	V3
0.00000	-0.062598	-149.312572	-0.391678	
-0.001471	-1.032858	-87.479994		
0.25000	-0.062598	-111.518232	-0.391678	
-0.001471	-0.541177	-44.340309		
0.50000	-0.062598	-68.968639	-0.391678	
-0.001471	-0.070567	-38.719241		
0.75000	-0.062598	-30.823685	-0.391678	
-0.001471	-0.419357	-34.389071		
1.00000	-0.062598	-15.934865	-0.391678	
-0.001471	-0.816411	-82.468868		

COMB CAR ----- MAX

REL DIST	P	M2	V2	V3
0.00000	0.124660	10.836666	0.318209	
0.001462	0.798835	15.081061		
0.25000	0.124660	42.803469	0.318209	
0.001462	0.410421	100.636438		
0.50000	0.124660	84.197941	0.318209	
0.001462	0.054672	129.191315		
0.75000	0.124660	119.890128	0.318209	
0.001462	0.473235	94.046100		
1.00000	0.124660	167.796653	0.318209	
0.001462	0.943880	23.155090		

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST	P	M2	V2	V3
0.00000	-0.062598	-166.241749	-0.391678	
0.001502	-1.032858	-87.479994		
0.25000	-0.062598	-124.415892	-0.391678	
-0.001502	-0.541177	-44.340309		
0.50000	-0.062598	-85.162309	-0.391678	
-0.001502	-0.070567	-38.719241		
0.75000	-0.062598	-44.841934	-0.391678	
-0.001502	-0.419357	-34.389071		
1.00000	-0.062598	-16.352241	-0.391678	
-0.001502	-0.816411	-103.058905		

COMB DESIGN ----- MAX

REL DIST	P	M2	V2	V3
0.00000	0.124660	10.836666	0.318209	
0.001462	0.798835	20.930052		
0.25000	0.124660	42.803469	0.318209	
0.001462	0.410421	100.636438		
0.50000	0.124660	84.197941	0.318209	
0.001462	0.054672	129.191315		
0.75000	0.124660	119.890128	0.318209	
0.001462	0.473235	94.046100		
1.00000	0.124660	167.796653	0.318209	
0.001462	0.943880	23.155090		

COMB DESIGN ----- MIN

REL DIST	P	M2	M3	V2	V3
0.00000	-0.062598	-166.241749	-0.391678		
-0.001502	-1.032858	-87.479994			
0.25000	-0.062598	-124.415892	-0.391678		
-0.001502	-0.541177	-44.340309			
0.50000	-0.062598	-85.162309	-0.391678		
-0.001502	-0.070567	-38.719241			
0.75000	-0.062598	-44.841934	-0.391678		
-0.001502	-0.419357	-34.389071			
1.00000	-0.062598	-16.352241	-0.391678		
-0.001502	-0.816411	-103.058905			

REL DIST	P	M2	M3	V3
0.00000	-0.038014	-122.152246	-0.637063	
0.001240	-1.170670	-84.033835	-0.637063	
0.25000	-0.038014	-93.681671	-0.637063	
0.50000	-0.010067	-54.219747	-0.637063	
0.001240	-0.038014	-61.760839	-0.637063	
0.001240	-0.079238	-53.269081	-0.637063	
0.75000	-0.038014	-31.821515	-0.637063	
0.001240	-0.038014	-52.525053	-0.637063	
1.00000	-0.038014	-22.168321	-0.637063	
0.001240	-1.214040	-80.578423	-0.637063	
COMB	DB	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	0.071746	24.336505	0.468809	
0.001530	0.789886	23.164153	0.468809	
0.25000	0.071746	55.740726	0.468809	
0.001530	0.395433	80.941855	0.468809	
0.50000	0.071746	94.545218	0.468809	
0.001530	0.055465	101.647693	0.468809	
0.75000	0.071746	127.301055	0.468809	
0.001530	0.343316	81.229442	0.468809	
1.00000	0.071746	151.458840	0.468809	
0.001530	0.695314	23.865651	0.468809	
COMB	DB	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-0.044290	-152.629347	-0.403391	
-0.001501	-0.752197	-103.145194	-0.403391	
0.25000	-0.044290	-128.508475	-0.403391	
-0.001501	-0.397089	-57.565256	-0.403391	
0.50000	-0.022767	-95.781438	-0.403391	
-0.001501	-0.088921	-57.468861	-0.403391	
0.75000	-0.044290	-56.971977	-0.403391	
-0.001501	-0.462452	-57.372350	-0.403391	
1.00000	-0.044290	-25.552852	-0.403391	
-0.001501	-0.875133	-102.322788	-0.403391	
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FRAME ELEMENT INTERNAL FORCES				
COMB	DL	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	0.121020	24.378948	0.725474	
0.001508	1.242503	16.549877	0.725474	
0.25000	0.121020	35.821469	0.725474	
0.001508	0.620519	51.264362	0.725474	
0.50000	0.121020	71.565979	0.725474	
0.001508	0.050805	69.907441	0.725474	
0.75000	0.121020	109.629698	0.725474	
0.001508	0.593836	51.508030	0.725474	
1.00000	0.121020	140.629347	0.725474	
0.001508	1.194337	17.037794	0.725474	
COMB	DL	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-0.059024	-144.809441	-0.695168	
0.001481	-1.242066	-91.143662	-0.695168	
0.25000	-0.059024	-110.824640	-0.695168	
-0.001481	-0.658289	-56.000487	-0.695168	
0.50000	-0.059024	-72.745205	-0.695168	
-0.001481	-0.087938	-56.266156	-0.695168	
0.75000	-0.059024	-36.983313	-0.695168	
-0.001481	-0.688631	-54.687538	-0.695168	
1.00000	-0.059024	-25.460473	-0.695168	
-0.001481	-1.325422	-88.361303	-0.695168	
COMB	CAR	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	0.121020	24.378948	0.725474	
0.001530	1.242503	23.164153	0.725474	
0.25000	0.121020	55.740726	0.725474	
0.001530	0.620519	80.941855	0.725474	
0.50000	0.121020	94.545218	0.725474	
0.001530	0.055465	101.647693	0.725474	
0.75000	0.121020	127.301055	0.725474	
0.001530	0.593836	81.229442	0.725474	
1.00000	0.121020	151.458840	0.725474	
0.001530	1.194337	23.865651	0.725474	
COMB	CAR	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-0.059024	-152.629347	-0.695168	
-0.001501	-1.270066	-103.145194	-0.695168	
0.25000	-0.059024	-128.508475	-0.695168	
-0.001501	-0.658289	-57.565256	-0.695168	
0.50000	-0.059024	-95.781438	-0.695168	
-0.001501	-0.088921	-57.468861	-0.695168	
0.75000	-0.059024	-56.971977	-0.695168	
-0.001501	-0.688631	-57.372350	-0.695168	
1.00000	-0.059024	-25.552852	-0.695168	
-0.001501	-1.325422	-102.322788	-0.695168	
COMB	DESIGN	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	0.121020	24.378948	0.725474	
0.001530	1.242503	23.164153	0.725474	
0.25000	0.121020	55.740726	0.725474	
0.001530	0.620519	80.941855	0.725474	
0.50000	0.121020	94.545218	0.725474	
0.001530	0.055465	101.647693	0.725474	
0.75000	0.121020	127.301055	0.725474	
0.001530	0.593836	81.229442	0.725474	
1.00000	0.121020	151.458840	0.725474	
0.001530	1.194337	23.865651	0.725474	
COMB	DESIGN	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-0.059024	-152.629347	-0.695168	
-0.001501	-1.270066	-103.145194	-0.695168	
0.25000	-0.059024	-128.508475	-0.695168	
-0.001501	-0.658289	-57.565256	-0.695168	
0.50000	-0.059024	-95.781438	-0.695168	
-0.001501	-0.088921	-57.468861	-0.695168	
0.75000	-0.059024	-56.971977	-0.695168	
-0.001501	-0.688631	-57.372350	-0.695168	
1.00000	-0.059024	-25.552852	-0.695168	
-0.001501	-1.325422	-102.322788	-0.695168	
Program	SAP2000	Nonlinear	Version 7.42	
File:	상행S11-S1503.OUT			
<	MOVING	Page	LOAD	>
		1360		
FRAME ELEMENT INTERNAL FORCES				
ELEM	225	-----	LENGTH	
	5.031370			
COMB	DB-G1-1	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	0.022767	0.116829	0.144914	
1.58E-05	0.345682	0.937692	0.144914	
0.25000	0.022767	0.138907	0.144914	
1.58E-05	0.172371	1.093405	0.144914	
0.00000	0.022767	0.171165	0.144914	
1.58E-05	0.006213	1.663451	0.144914	
0.75000	0.022767	0.200600	0.144914	
1.58E-05	0.149050	2.378131	0.144914	
1.00000	0.022767	0.230394	0.144914	
COMB	DB-G1-1	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-0.022767	-0.116829	-0.144914	
-1.58E-05	-0.345682	-0.937692	-0.144914	
-0.25000	-0.022767	-0.138907	-0.144914	
-1.58E-05	-0.172371	-1.093405	-0.144914	
-0.00000	-0.022767	-0.171165	-0.144914	
-1.58E-05	-0.006213	-1.663451	-0.144914	
-0.75000	-0.022767	-0.200600	-0.144914	
-1.58E-05	-0.149050	-2.378131	-0.144914	
-1.00000	-0.022767	-0.230394	-0.144914	
COMB	DB-G1-2	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	0.052754	16.327479	0.246655	
0.75000	0.052754	16.327479	0.246655	
0.25000	0.052754	44.787215	0.246655	
4.37E-05	0.298111	94.789393	0.246655	
0.50000	0.052754	85.079316	0.246655	
0.75000	0.052754	124.310238	0.246655	
4.37E-05	0.214285	103.227864	0.246655	
1.00000	0.052754	166.194120	0.246655	
4.37E-05	0.406644	24.178552	0.246655	
COMB	DB-G1-2	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-0.025259	-168.013191	-0.160489	
-0.001423	-0.400627	-102.351507	-0.160489	
0.25000	-0.025259	-120.02172	-0.160489	
-0.001423	-0.204116	-30.118035	-0.160489	
0.50000	-0.025259	-84.352357	-0.160489	
-0.001423	-0.060966	-37.114224	-0.160489	
0.75000	-0.025259	-42.984503	-0.160489	
-0.001423	-0.358017	-45.031568	-0.160489	
1.00000	-0.025259	-11.036849	-0.160489	
-0.001423	-0.668257	-114.390711	-0.160489	
COMB	DB-G1-3	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	0.070010	13.709287	0.274347	
0.000953	0.655712	20.939296	0.274347	
0.070010	0.373515	37.351507	0.274347	
0.000953	0.330652	80.294076	0.274347	
0.50000	0.070010	70.785578	0.274347	
0.000953	0.054206	110.458401	0.274347	
0.070010	0.138253	138.253339	0.274347	
0.000953	0.467493	23.600349	0.274347	
COMB	DB-G1-3	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-0.038255	-140.402263	-0.186898	
-0.001283	-0.472853	-88.333157	-0.186898	
0.25000	-0.038255	-100.560785	-0.186898	
-0.001283	-0.240225	-28.734143	-0.186898	
0.50000	-0.038255	-70.948843	-0.186898	
-0.001283	-0.057011	-34.194311	-0.186898	
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FRAME ELEMENT INTERNAL FORCES				
REL DIST	P	M2	M3	V3
0.75000	-0.038255	-36.606143	-0.186898	
-0.001283	-0.389320	-40.760330	-0.186898	
1.00000	-0.038255	-10.083890	-0.186898	
-0.001283	-0.734332	-98.367212	-0.186898	
COMB	DB-G2-1	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	0.019019	0.102034	0.067862	
0.001204	0.168887	0.868445	0.067862	
0.25000	0.019019	0.124113	0.067862	
0.001204	0.083538	0.919877	0.067862	
0.50000	0.019019	0.155371	0.067862	
0.001204	0.002644	1.430273	0.067862	
0.75000	0.019019	0.185807	0.067862	
0.001204	0.061262	2.135811	0.067862	
1.00000	0.019019	0.218300	0.067862	
0.001204	0.128585	2.802778	0.067862	
COMB	DB-G2-1	-----	MIN	
REL DIST	P	M2	M3	V3
0.00000	-0.028465	-0.849225	-0.053499	
-1.21E-05	-0.140590	-3.482095	-0.053499	
0.25000	-0.028465	-0.811993	-0.053499	
-1.21E-05	-0.073257	-1.433109	-0.053499	
0.50000	-0.028465	-0.784321	-0.053499	
-1.21E-05	-0.005941	-3.445596	-0.053499	
0.75000	-0.028465	-0.752228	-0.053499	
-1.21E-05	-0.067194	-1.345878	-0.053499	
1.00000	-0.028465	-0.727440	-0.053499	
-1.21E-05	-0.172561	-3.519674	-0.053499	
COMB	DB-G2-2	-----	MAX	
REL DIST	P	M2	M3	V3
0.00000	0.046831	15.245923	0.146615	
0.001496	0.342026	12.229829	0.146615	
0.25000	0.046831	41.851028	0.146615	
0.001496	0.180157	88.727953	0.146615	
0.50000	0.046831	79.517422	0.146615	
0.75000	0.046831	116.917191	0.146615	
0.001496	0.112844	96.634971	0.146615	
1.00000	0.046831	155.346235	0.146615	
0.001496	0.220373	22.801216	0.146615	

[illegible]

0.000305 0.399551 79.324534 0.275304
0.50000 0.124661 74.466439
0.000035 0.091773 108.709825
0.75000 0.124661 113.368365 0.275304
0.000305 0.297536 80.508032
1.00000 0.124661 150.286986 0.275304
0.000305 0.553063 28.072031

COMB DL-G1-2 MIN

REL DIST T M2 M3 V3
0.00000 -0.008491 -150.870988 -0.220382
0.000018 -0.589450 -94.391578
0.25000 -0.008491 -113.368365 -0.220382
-0.000018 -0.313710 -38.737623
0.50000 -0.008491 -72.047969 -0.220382
-0.000018 -0.091759 -38.532081
0.75000 -0.008491 -33.589325 -0.220382
-0.000018 -0.351568 -38.638358
1.00000 -0.008491 -16.509800 -0.220382
-0.000018 -0.693699 -94.208907

COMB DL-G1-3 MAX

REL DIST T M2 M3 V3
0.00000 0.122759 13.579856 0.298320
0.000018 0.780975 29.012575 0.298320
0.25000 0.122759 27.511921 0.298320
0.000018 0.422013 79.525434 0.298320
0.50000 0.122759 58.923984 0.298320
0.000018 0.104063 97.004700 0.298320
0.75000 0.122759 93.157542 0.298320
0.000018 0.321473 74.487193 0.298320
1.00000 0.122759 123.319778 0.298320
0.000018 0.595563 32.236597

COMB DL-G1-3 MIN

REL DIST T M2 M3 V3
0.00000 -0.044909 -124.087335 -0.232859
0.000018 -0.608105 -81.378550 -0.232859
0.25000 -0.044909 -93.918490 -0.232859
0.000018 -0.318481 -35.954680 -0.232859
0.50000 -0.044909 -59.689520 -0.232859
0.000018 -0.051449 -35.831249 -0.232859
0.75000 -0.044909 -28.269097 -0.232859
-0.000018 -0.334636 -35.962556 -0.232859
1.00000 -0.044909 -14.315254 -0.232859
0.000018 -0.755943 -81.407674

COMB DL-G2-1 MAX

REL DIST T M2 M3 V3
0.00000 0.001228 0.360563 0.092156
0.000704 0.228235 7.389737 0.092156
0.25000 0.001228 0.369115 0.092156
0.000704 0.113077 7.883925 0.092156
0.50000 0.001228 0.388383 0.092156
0.000704 0.023739 0.006369 0.092156
0.75000 0.001228 0.409386 0.092156
0.000704 0.091848 8.344907 0.092156
1.00000 0.001228 0.427892 0.092156
0.000704 0.170328 8.696322

COMB DL-G2-1 MIN

REL DIST T M2 M3 V3
0.00000 -0.076888 -0.705617 -0.063676
0.000018 -0.148774 -0.745305 -0.063676
0.25000 -0.076888 -0.687107 -0.063676
0.000018 -0.069323 -0.258143 -0.063676
0.50000 -0.076888 -0.666107 -0.063676
0.000018 -0.000034 -0.290567 -0.063676
0.75000 -0.076888 -0.646829 -0.063676
-0.000018 -0.120135 -0.433807 -0.063676
1.00000 -0.076888 -0.632668 -0.063676
0.000018 -0.234583 -0.408425 -0.063676
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 MAX

REL DIST T M2 M3 V3
0.00000 0.048726 14.754747 0.165603
0.000045 0.429722 24.874368 0.165603
0.25000 0.048726 30.522483 0.165603
0.000045 0.238409 74.462892 0.165603
0.50000 0.048726 66.020727 0.165603
0.000045 0.094988 101.674535 0.165603
0.75000 0.048726 104.782478 0.165603
0.000045 0.176448 75.600003 0.165603
1.00000 0.048726 138.009579 0.165603
0.000045 0.288593 27.133129

COMB DL-G2-2 MIN

REL DIST T M2 M3 V3
0.00000 -0.076735 -139.481979 -0.106163
0.000018 -0.289826 -87.797430 -0.106163
0.25000 -0.076735 -105.350223 -0.106163
-0.000018 -0.150405 -36.344523 -0.106163
0.50000 -0.076735 -66.524123 -0.106163
-0.000018 -0.040782 -36.142993 -0.106163
0.75000 -0.076735 -31.077273 -0.106163
-0.000018 -0.237898 -36.229746 -0.106163
1.00000 -0.076735 -15.290484 -0.106163
-0.000018 -0.440504 -87.828987

COMB DL-G2-3 MAX

REL DIST T M2 M3 V3
0.00000 0.104723 13.868703 0.276804
0.000018 0.719556 29.178288 0.276804
0.25000 0.104723 28.162520 0.276804
0.000018 0.386717 74.136568 0.276804
0.50000 0.104723 60.364586 0.276804
0.000018 0.105767 95.917787 0.276804
0.75000 0.104723 95.487688 0.276804
0.000018 0.294112 75.762895 0.276804
1.00000 0.104723 126.396055 0.276804
0.000018 0.533949 32.368943

COMB DL-G2-3 MIN

REL DIST T M2 M3 V3
0.00000 -0.070330 -127.161210 -0.206148
0.000018 -0.533844 -83.132702 -0.206148
0.25000 -0.070330 -96.220267 -0.206148
0.000018 -0.277436 -36.545703 -0.206148
0.50000 -0.070330 -61.126760 -0.206148
0.000018 -0.052103 -36.409340 -0.206148
0.75000 -0.070330 -28.905577 -0.206148
0.000018 -0.363025 -36.534420 -0.206148
1.00000 -0.070330 -14.600882 -0.206148
-0.000018 -0.707082 -83.124597

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REL DIST T M2 M3 V3
0.00000 -0.071450 -168.413041 -0.182273
-0.001137 -0.463133 -112.573661 -0.182273
0.25000 -0.071450 -126.005420 -0.182273
-0.001137 -0.243230 -42.586054 -0.182273
0.50000 -0.071450 -87.609067 -0.182273
-0.001137 -0.060637 -41.118061 -0.182273
0.75000 -0.071450 -47.150336 -0.182273
-0.001137 -0.292002 -41.966431 -0.182273
1.00000 -0.071450 -16.285831 -0.182273
-0.001137 -0.568163 -111.232214 -0.182273
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FRAME ELEMENT INTERNAL FORCES

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0.000731 0.415628 33.577130
COMB DB-G1-2 MIN
REL DIST T M2 M3 V3
0.00000 -0.004501 -168.129142 -0.159897
-0.000669 -0.420843 -111.237003 -0.159897
0.25000 -0.004501 -125.749809 -0.159897
-0.000669 -0.226764 -41.415514 -0.159897
0.50000 -0.004501 -87.356312 -0.159897
-0.000669 -0.057887 -40.128072 -0.159897
0.75000 -0.004501 -46.896056 -0.159897
-0.000669 -0.208724 -41.518442 -0.159897
1.00000 -0.004501 -16.285831 -0.159897
-0.000669 -0.401057 -111.355826 -0.159897

COMB DB-G1-3 MAX

REL DIST T M2 M3 V3

0.00000 0.070472 13.879894 0.191087

0.001125 0.050434 36.656272 0.191087

0.25000 0.070472 39.501353 0.191087

0.001125 0.275521 103.228120 0.191087

0.50000 0.070472 73.087883 0.191087

0.001125 0.102357 129.393771 0.191087

0.75000 0.070472 104.962631 0.191087

0.001125 0.272465 103.236893 0.191087

1.00000 0.070472 140.147294 0.191087

0.001125 0.453212 36.673164

COMB DB-G1-3 MIN

REL DIST T M2 M3 V3

0.00000 -0.042602 -140.151808 -0.189646

-0.001070 -0.042759 -94.27332 -0.189646

0.25000 -0.042602 -104.96940 -0.189646

-0.001070 -0.255059 -36.306308 -0.189646

0.50000 -0.042602 -73.092892 -0.189646

-0.001070 -0.052701 -35.153948 -0.189646

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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3

0.75000 -0.042602 -39.506715 -0.189646

-0.001070 -0.250208 -36.468573 -0.189646

1.00000 -0.042602 -13.885315 -0.189646

-0.001070 -0.483969 -94.604634

COMB DB-G2-1 MAX

REL DIST T M2 M3 V3

0.00000 0.000750 0.400171 0.083648

0.000532 0.006420 8.192044 0.083648

0.25000 0.000750 0.424115 0.083648

0.000532 0.011239 8.052977 0.083648

0.50000 0.000750 0.455501 0.083648

0.000532 0.021145 7.985994 0.083648

0.75000 0.000750 0.485298 0.083648

0.000532 0.100515 8.047528 0.083648

REL DIST P V2 V3
M2 M3
0.00000 -0.073592 -167.864423 -0.312267
-0.001169 -0.779181 -111.321122
0.25000 -0.073592 -125.499944
-0.001169 -0.391267 -42.078158
0.50000 -0.073592 -87.104829 -0.312267
-0.001169 -0.060773 -41.245412
0.75000 -0.073592 -46.648799 -0.312267
-0.001169 -0.001266 -15.978205
1.00000 -0.073592 -15.978205 -0.312267
-0.001169 -0.644114 -112.702055
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FRAME ELEMENT INTERNAL FORCES

ELEM 231 ===== LENGTH
5.031260

COMB DB-G1-1 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.046344 0.808191 0.062427
0.001054 0.166085 7.712608
0.25000 0.046344 0.832144
0.001054 0.098930 6.944556
0.50000 0.046344 0.863541 0.062427
0.001054 0.016082 6.244525
0.75000 0.046344 0.893334
0.001054 0.098930 6.944556
1.00000 0.046344 0.926255 0.062427
0.001054 0.203480 5.315589

COMB DB-G1-1 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.012259 -0.274868 -0.083400
-1.42E-05 -0.216165 -3.063663
0.25000 -0.012201 -0.241960 -0.083400
-1.42E-05 -0.111328 -3.067513
0.50000 -0.012201 -0.241960 -0.083400
-1.42E-05 -0.007514 -3.124424
0.75000 -0.012201 -0.180768 -0.083400
1.00000 -0.012201 -0.069946 -0.083400
-1.42E-05 -0.121231 -3.183128
-1.42E-05 -0.148295 -3.295169

COMB DB-G1-2 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.075828 16.646424 0.093837
0.001242 0.245865 31.951523
0.25000 0.075828 47.521640 0.093837
0.001242 0.137528 111.569870
0.50000 0.075828 87.992914
0.001242 0.097454 142.189778
0.75000 0.075828 126.395238 0.093837
0.001242 0.226657 108.727025
1.00000 0.075828 168.630780 0.093837
0.001242 0.425867 27.779237

COMB DB-G1-2 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.012143 -167.428132 -0.165394
-3.96E-05 -0.443910 -112.712429
0.25000 -0.012143 -125.086271 -0.165394
-3.96E-05 -0.240124 -43.473975
0.50000 -0.012143 -66.675680 -0.165394
-3.96E-05 -0.064412 -42.631586
0.75000 -0.012143 -14.087543 -0.165394
-3.96E-05 -0.121504 -44.087543
1.00000 -0.012143 -15.352856 -0.165394
-3.96E-05 -0.226343 -114.215438

COMB DB-G1-3 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.077539 14.746057 0.156615
0.001114 0.396725 34.448899
0.25000 0.077539 40.377961 0.156615
0.001114 0.207788 99.628055
0.50000 0.077539 73.963734 0.156615
0.001114 0.089054 124.344153
0.75000 0.077539 105.619434 0.156615
0.001114 0.350788 96.109333
1.00000 0.077539 141.086227 0.156615
0.001114 0.667058 28.644499

COMB DB-G1-3 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.047802 -139.198563 -0.257546
-0.000832 -0.660356 -96.403526
0.25000 -0.047802 -104.047264
-0.000832 -0.360896 -38.168002
0.50000 -0.047802 -72.159619 -0.257546
-0.000832 -0.060682 -38.317209
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
M2 M3
0.75000 -0.047802 -38.566152 -0.257546
-0.000832 -0.020314 -9.575634
1.00000 -0.047802 -12.948948 -0.257546
-0.000832 -0.391340 -97.837861

COMB DB-G2-1 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.001495 0.751251 0.108626
1.10E-05 0.266344 7.294163
0.25000 0.001495 0.775204
1.10E-05 0.129155 6.592332
0.50000 0.001495 0.806601 0.108626
1.10E-05 0.015847 5.922134
0.75000 0.001495 0.836394
1.10E-05 0.011965 3.419933
1.00000 0.001495 0.869315 0.108626
1.10E-05 0.380343 4.888712

COMB DB-G2-1 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.058270 -0.266370 -0.145918
-0.001032 -0.354363 -2.959986
0.25000 -0.058273 -0.233521 -0.145918
-0.001032 -0.171010 -2.950089
0.50000 -0.058273 -0.233521 -0.145918
-0.001032 -0.007325 -2.993254
0.75000 -0.058273 -0.172330 -0.145918
-0.001032 -0.143449 -3.038201
1.00000 -0.058273 -0.146331 -0.145918
-0.001032 -0.280090 -3.136424

COMB DB-G2-2 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.021956 15.600784 0.150307
0.006E-07 0.006860 30.684745
0.25000 0.021956 44.463961 0.150307
4.06E-07 0.187867 105.041758
0.50000 0.021956 82.297852 0.150307
4.06E-07 0.084069 133.570313

0.75000 0.021956 118.197620 0.150307
4.06E-07 0.349550 102.174396
1.00000 0.021956 157.967720
4.06E-07 0.648203 26.412126

COMB DB-G2-2 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.067532 -156.514823 -0.244287
0.001276 -0.067532 -161.673700
0.25000 -0.067532 -116.932245 -0.244287
-0.001276 -0.313807 -40.961550
0.50000 -0.067532 -81.024750 -0.244287
-0.001276 -0.067532 -40.166811
0.75000 -0.067532 -43.196389 -0.244287
-0.001276 -0.210903 -41.520002
1.00000 -0.067532 -14.349805 -0.244287
-0.001276 -0.387863 -107.070320

COMB DB-G2-3 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.063863 15.328190 0.172216
0.000780 0.431626 35.053054
0.25000 0.063863 42.320224 0.172216
0.000780 0.223039 103.603173
0.50000 0.063863 77.497605 0.172216
0.000780 0.063863 129.320224 0.172216
0.75000 0.063863 110.960360 0.172216
0.000780 0.382498 100.035390
1.00000 0.063863 147.937552 0.172216
0.000780 0.723322 29.236327

COMB DB-G2-3 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.063280 -146.109888 -0.277359
-0.001146 -0.705575 -100.806352
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
M2 M3
0.25000 -0.063280 -109.214143 -0.277359
-0.001146 -0.360850 -40.511464
0.50000 -0.063280 -75.744369 -0.277359
-0.001146 -0.062719 -39.815050
0.75000 -0.063280 -46.483024 -0.277359
-0.001146 -0.230328 -41.121353
1.00000 -0.063280 -13.595574 -0.277359
-0.001146 -0.435197 -102.266540

COMB DL-G1-1 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.053127 0.853874 0.078159
0.001002 0.206732 8.397384
0.25000 0.053127 0.862447
0.001002 0.108460 7.634346
0.50000 0.053127 0.881731 0.078159
0.001002 0.019377 6.877257
0.75000 0.053127 0.902741
1.00000 0.053127 6.924282
0.001002 0.053127 0.921252 0.078159
0.001002 0.286570 5.638076

COMB DL-G1-1 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.011437 -0.289045 -0.115644
-1.29E-05 -0.296209 -4.993141
0.25000 -0.011437 -0.270535 -0.115644
-1.29E-05 -0.151721 -4.944419
0.50000 -0.011437 -0.249528 -0.115644
-1.29E-05 -0.010801 -4.723627
0.75000 -0.011437 -0.230262 -0.115644
-1.29E-05 -0.083906 -4.602921
1.00000 -0.011437 -0.221731 -0.115644
-1.29E-05 -0.187673 -4.551478

COMB DL-G1-2 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.121030 16.646424 0.127038
0.001168 0.328333 26.944971
0.25000 0.121030 33.725020 0.127038
0.001168 0.192896 78.797897
0.50000 0.121030 72.197005 0.127038
0.001168 0.090240 106.448374
0.75000 0.121030 114.111411 0.127038
0.001168 0.299758 76.392721
1.00000 0.121030 151.040214 0.127038
0.001168 0.553223 22.562899

COMB DL-G1-2 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.010218 -149.882848 -0.215175
-2.61E-05 -0.562615 -95.36667
0.25000 -0.010218 -112.955640 -0.215175
-2.61E-05 -0.299954 -39.735300
0.50000 -0.010218 -71.046970 -0.215175
-2.61E-05 -0.054535 -32.628310
0.75000 -0.010218 -32.610896 -0.215175
-2.61E-05 -0.185129 -36.621625
1.00000 -0.010218 -15.591984 -0.215175
-2.61E-05 -0.344113 -95.544726

COMB DL-G1-3 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.122605 14.543756 0.227706
0.001052 0.570554 30.617340
0.25000 0.122605 29.517774 0.227706
0.001052 0.304010 72.066197
0.50000 0.122605 99.948948 0.227706
0.001052 0.093214 93.780249
0.75000 0.122605 99.192043 0.227706
0.001052 0.472860 68.676581
1.00000 0.122605 124.363257 0.227706
0.001052 0.892762 24.306622
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.041972 -122.779903 -0.345369
-0.000738 -0.267323 -82.779903
0.25000 -0.041972 -92.610651 -0.345369
-0.000738 -0.443470 -37.123038
0.50000 -0.041972 -58.971583 -0.345369
-0.000738 -0.056207 -9.020071
0.75000 -0.041972 -26.965959 -0.345369
-0.000738 -0.316415 -36.781226
1.00000 -0.041972 -13.065276 -0.345369
-0.000738 -0.602139 -82.982354

COMB DL-G2-1 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.001966 0.789140 0.158864
9.78E-06 0.388193 8.031269
0.25000 0.001966 0.797713

9.78E-06 0.188285 7.311400 0.158864
0.50000 0.001966 0.816998
9.78E-06 0.019330 6.919330 0.158864
0.75000 0.001966 0.838007
9.78E-06 0.274027 5.944245
1.00000 0.001966 0.855518
9.78E-06 0.531503 5.288287

COMB DL-G2-1 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.067999 -0.268098 -0.204107
-0.000977 -0.495650 -4.766805
0.25000 -0.067999 -0.268098 -0.204107
-0.000977 -0.239139 -4.612006
0.50000 -0.067999 -0.228582 -0.204107
-0.000977 -0.330172 -4.486651
0.75000 -0.067999 -0.209315 -0.204107
-0.000977 -0.211033 -4.517958
1.00000 -0.067999 -0.200785 -0.204107
-0.000977 -0.410980 -4.463602

COMB DL-G2-2 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.053896 15.435393 0.226111
2.32E-07 0.551637 26.048356
0.25000 0.053896 31.245007
2.32E-07 0.288262 73.888936
0.50000 0.053896 66.804908 0.226111
2.32E-07 0.086723 99.363131
0.75000 0.053896 109.546846 0.226111
2.32E-07 0.461904 71.439243
1.00000 0.053896 139.680537 0.226111
2.32E-07 0.856484 21.515526

COMB DL-G2-2 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.067419 -138.504394 -0.325126
-0.001188 -0.808427 -88.741105
0.25000 -0.067419 -104.372178 -0.325126
-0.001188 -0.180166 -39.718066
0.50000 -0.067419 -65.635452 -0.325126
-0.001188 -0.052045 -37.189074
0.75000 -0.067419 -30.108665 -0.325126
-0.001188 -0.331347 -37.152651
1.00000 -0.067419 -14.377901 -0.325126
-0.001188 -0.615463 -88.816599

COMB DL-G2-3 ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.106057 14.836701 0.255516
0.000692 0.633484 30.776231
0.25000 0.106057 29.165664 0.255516
0.000692 0.332413 73.355103
0.50000 0.106057 61.295199 0.255516
0.000692 0.094484 95.694864
0.75000 0.106057 96.508757 0.255516
0.000692 0.518898 69.980581 0.255516
1.00000 0.106057 127.445654 0.255516
0.000692 0.978627 24.456022

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.062506 -125.859244 -0.376050
-0.001156 -0.940565 -84.423971
0.25000 -0.062506 -94.923684
-0.001156 -0.180166 -39.718066
0.50000 -0.062506 -59.814831 -0.376050
-0.001156 -0.055910 -37.840016
0.75000 -0.062506 -27.615321 -0.376050
-0.001156 0.106057 127.445654
1.00000 -0.062506 -13.357830 -0.376050
-0.001156 -0.679661 -84.297542

COMB DB ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.077539 14.746057 0.172216
0.001242 0.431626 35.053054
0.25000 0.077539 47.521640 0.172216
0.001242 0.223039 111.569870
0.50000 0.077539 87.992914
0.001242 0.097454 142.189778
0.75000 0.077539 126.395238 0.172216
0.001242 0.382498 108.727025
1.00000 0.077539 168.630780 0.172216
0.001242 0.723322 29.236327

COMB DB ----- MIN

REL DIST P V2 V3
M2 M3
0.00000 -0.067532 -167.428132 -0.277359
-0.001276 -0.705575 -100.806352
0.25000 -0.067532 -125.086271 -0.277359
-0.001276 -0.360850 -40.511464
0.50000 -0.067532 -81.024750 -0.277359
-0.001276 -0.067532 -40.166811
0.75000 -0.067532 -43.196389 -0.277359
-0.001276 -0.230328 -41.121353
1.00000 -0.067532 -15.352856 -0.277359
-0.001276 -0.435197 -102.266540

COMB DL ----- MAX

REL DIST P V2 V3
M2 M3
0.00000 0.122605 16.620984 0.255516
0.001168 0.633484 30.776231
0.25000 0.122605 33.725020 0.255516
0.001168 0.324133 78.797897
0.50000 0.122605 72.197005 0.255516
0.001168 0.094848 106.448374
0.75000 0.122605 114.111411 0.255516
0.001168 0.518898 76.392721 0.255516
1.00000 0.122605 151.040214 0.255516
0.001168 0.978627 24.456022

0.75000 0.008708 0.770155 0.125657
1.20E-05 0.221451 3.207219
1.00000 0.050303 1.603915
1.20E-05 0.435632 2.815102

COMB DB-G2-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.050753 -0.243262 -0.170389
-0.001200 -0.021950 -3.169343
0.25000 -0.050753 -0.210447 -0.170389
-0.001200 -0.207772 -3.236350
0.50000 -0.050753 -0.180604 -0.170389
-0.001200 -0.021950 -3.169343
0.75000 -0.050753 -0.149213 -0.170389
-0.001200 -0.166412 -3.477918
1.00000 -0.050753 -0.125372 -0.170389
-0.001200 -0.324452 -3.653450

COMB DB-G2-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.032660 15.014960 0.173587
4.46E-07 0.425708 26.478865
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.25000 0.032660 43.945446 0.173587
4.46E-07 0.211763 100.942494
0.50000 0.032660 81.837827
4.46E-07 0.068604 26.478865
0.75000 0.032660 117.746199 0.173587
4.46E-07 0.386477 94.531574
1.00000 0.032660 157.703598 0.173587
4.46E-07 0.730284 282.841403

COMB DB-G2-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.058584 -156.547788 -0.283282
-0.001480 -0.733420 -107.098924
0.25000 -0.058584 -116.906499 -0.283282
-0.001480 -0.377300 -42.365514
0.50000 -0.058584 -80.948900 -0.283282
-0.001480 -0.064654 -41.218408
0.75000 -0.058584 -43.123670 -0.283282
-0.001480 -0.241602 -41.778325 -0.283282
1.00000 -0.058584 -14.394645 -0.283282
-0.001480 -0.447684 -107.403425

COMB DB-G2-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.071023 14.722152 0.182354
0.000876 0.449112 29.292650
0.25000 0.071023 41.688722 0.182354
0.000876 0.240696 37.658633
0.50000 0.071023 77.008824 0.182354
0.000876 0.077711 123.988691
0.75000 0.071023 110.473595 0.182354
0.000876 0.000876 92.454670
1.00000 0.071023 147.724537 0.182354
0.000876 0.764514 24.273826

COMB DB-G2-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.057413 -146.060144 -0.299639
-0.001329 -0.778852 -102.280465
0.25000 -0.057413 -109.199759 -0.299639
-0.001329 -0.402127 -42.049599
0.50000 -0.057413 -75.679883 -0.299639
-0.001329 -0.066724 -41.084612
0.75000 -0.057413 -40.422375 -0.299639
-0.001329 -0.350382 -41.715338
1.00000 -0.057413 -13.643585 -0.299639
-0.001329 -0.468375 -102.992908

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.042255 0.902165 0.062277
0.001225 0.161702 5.635641
0.25000 0.042321 0.910967 0.062277
0.001225 0.083484 4.895476
0.50000 0.042321 0.920277 0.062277
0.001225 0.011807 4.293573
0.75000 0.042321 0.951294 0.062277
0.001225 0.122858 3.904898
1.00000 0.042321 0.969753 0.062277
0.001225 0.253540 3.676991

COMB DL-G1-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.018435 -0.285223 -0.103441
-1.46E-05 -0.246344 -0.265810
0.25000 -0.018435 -0.436884 -0.103441
-1.46E-05 -0.136461 -4.570319
0.50000 -0.018435 -0.245658 -0.103441
-1.46E-05 -0.011374 -4.748839
0.75000 -0.018435 -0.226395 -0.103441
-1.46E-05 -0.072089 -5.044627
1.00000 -0.018435 -0.217935 -0.103441
-1.46E-05 -0.146248 0.940563
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REL DIST T P M2 M3 V2 V3
0.00000 0.091125 16.218290 0.120822
0.001438 0.302171 22.563939
0.25000 0.091255 33.777577 0.120822
0.001438 0.173115 74.222340 0.120822
0.50000 0.091255 72.302191 0.120822
0.001438 0.076391 101.189488
0.75000 0.091255 114.229238 0.120822
0.001438 0.292141 71.167380
1.00000 0.091255 15.000000 0.120822
0.001438 0.546520 18.025271

COMB DL-G1-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.016948 -149.482817 -0.217543
-2.93E-05 -0.528756 -95.528756
0.25000 -0.016948 -112.497282 -0.217543
-2.93E-05 -0.305206 -40.413860
0.50000 -0.016948 -70.549917
-2.93E-05 -0.020330 -40.223261
0.75000 -0.016948 -32.119307 -0.217543
-2.93E-05 -0.179398 -40.250701
1.00000 -0.016948 -15.242734 -0.217543
-2.93E-05 -0.329806 -97.208914

COMB DL-G1-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.121812 14.256314 0.246158
0.001300 0.606203 24.354487
0.25000 0.121812 36.602119 0.246158

0.001300 0.315589 65.684404
0.50000 0.121812 60.076439
0.75000 0.075100 97.075100
0.001300 0.121812 94.330521 0.246158
0.001300 0.496396 62.161193
1.00000 0.121812 124.417622 0.246158
0.001300 0.953812 18.699964

COMB DL-G1-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.042538 -122.457767 -0.375983
-0.000893 -0.959004 -82.403674
0.25000 -0.042538 -92.240683 -0.375983
-0.000893 -0.488847 -37.426071
0.50000 -0.042538 -57.969364 -0.375983
-0.000893 -0.058208 -37.423907
0.75000 -0.042538 -26.572662 -0.375983
-0.000893 -0.341647 -37.725503
1.00000 -0.042538 -12.784629 -0.375983
-0.000893 -0.649895 -84.708703

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.008645 8.843326 0.186584
1.12E-05 0.456263 5.348614
0.25000 0.008645 8.843326 0.186584
1.12E-05 0.221951 4.854817
0.50000 0.008645 8.843326 0.186584
1.12E-05 0.012260 4.955233
0.75000 0.008645 8.843326 0.186584
1.12E-05 0.309990 3.658812
1.00000 0.008645 9.019114 0.186584
1.12E-05 0.609345 3.343038

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.053047 -0.259241 -0.237864
-0.001253 -0.587741 -4.515688
0.25000 -0.053047 -0.240702 -0.237864
-0.001253 -0.267882 -4.872420
0.50000 -0.053047 -0.219675 -0.237864
-0.001253 -0.011611 -4.987962
0.75000 -0.053047 -0.200412 -0.237864
-0.001253 -0.246175 -5.224584
1.00000 -0.053047 -0.191953 -0.237864
-0.001253 -0.480861 -5.671204
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.00000 0.068016 15.065050 0.273302
2.65E-07 0.663436 21.591351
0.25000 0.068016 31.295643 0.273302
2.65E-07 0.340696 37.658633
0.50000 0.068016 66.904559 0.273302
2.65E-07 0.373625 94.388386
0.75000 0.068016 105.658181 0.273302
2.65E-07 0.121812 124.417622
1.00000 0.068016 139.697452 0.273302
2.65E-07 0.986083 16.996042

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.054364 -138.138200 -0.383717
-0.001487 -0.969129 -88.873717
0.25000 -0.054364 -103.952071 -0.383717
-0.001487 0.489901 -37.240683
0.50000 -0.054364 -65.178745 -0.383717
-0.001487 -0.055126 -37.738031
0.75000 -0.054364 -29.657843 -0.383717
-0.001487 -0.390527 -37.724240
1.00000 -0.054364 -1.000045 -0.383717
-0.001487 -0.733066 -90.444600

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.109936 14.537399 0.288245
0.000852 0.706696 24.527263
0.25000 0.109936 29.247443 0.288245
0.000852 0.363441 66.982800
0.50000 0.109936 62.959153 0.288245
0.000852 0.076631 89.128586
0.75000 0.109936 96.645368 0.288245
0.000852 0.559569 63.435600
1.00000 0.109936 127.498822 0.288245
0.000852 0.107319 18.618272

COMB DL-G2-3 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.052822 -125.529782 -0.421280
-0.001339 -0.969442 -84.339944
0.25000 -0.052822 -94.545359 -0.421280
-0.001339 -0.541401 -38.458442
0.50000 -0.052822 -59.403352 -0.421280
-0.001339 -0.059153 -38.458442
0.75000 -0.052822 -27.209164 -0.421280
-0.001339 -0.401619 -36.783095 -0.421280
1.00000 -0.052822 -13.070910 -0.421280
-0.001339 -0.762402 -91.565329

COMB DB ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.080351 16.031276 0.182354
0.001417 0.449112 29.292650
0.25000 0.080351 46.978489 0.182354
0.001417 0.225937 105.05017 0.182354
0.50000 0.080351 87.512331 0.182354
0.001417 0.077711 138.002150 0.182354
0.75000 0.080351 125.923859 0.182354
0.001417 0.399305 10.846920 0.182354
1.00000 0.080351 168.666670 0.182354
0.001417 0.764514 24.273826

COMB DB ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.058584 -167.389715 -0.299639
-0.001480 -0.778852 -114.184153
0.25000 -0.058584 -125.082223 -0.299639
-0.001480 -0.402127 -44.937268
0.50000 -0.058584 -86.620346 -0.299639
-0.001480 -0.067305 -43.707134
0.75000 -0.058584 -46.159337 -0.299639
-0.001480 -0.250382 -44.307299 -0.299639
1.00000 -0.058584 -15.426624 -0.299639
-0.001480 -0.468375 -114.506171
Program SAP2000 Nonlinear Version 7.42
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1403

FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.00000 0.121812 16.218290 0.288245
0.001438 0.706696 24.527263
0.25000 0.121812 33.777577 0.288245

0.001438 0.363441 74.222340
0.50000 0.121812 72.302191
0.75000 0.076696 101.489488
0.001438 0.121812 114.229238
0.001438 0.559569 71.167380
1.00000 0.121812 151.055894
0.001438 1.073519 18.616272

COMB DL ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.054364 -149.482817 -0.421280
-0.001487 -0.968442 -95.528756
0.25000 -0.054364 -112.497282 -0.421280
-0.001487 -0.541401 -40.413860
0.50000 -0.054364 -70.549917 -0.421280
-0.001487 -0.059153 -40.223261
0.75000 -0.054364 -32.119307 -0.421280
-0.001487 -0.401619 -40.250701 -0.421280
1.00000 -0.054364 -15.242734 -0.421280
-0.001487 -0.762402 -97.208914

COMB CAR ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.121812 16.218290 0.288245
0.001438 0.706696 29.292650
0.25000 0.121812 46.978489
0.001438 0.363441 70.505017
0.50000 0.121812 87.512331
0.001438 0.077711 138.002150
0.75000 0.121812 100.846920
1.00000 0.121812 168.666670 0.288245
0.001438 1.073519 24.273826

COMB CAR ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.058584 -167.389715 -0.421280
-0.001487 -1.068442 -114.184153
0.25000 -0.058584 -125.082223 -0.421280
-0.001487 -0.541401 -40.413860
0.50000 -0.058584 -86.620346 -0.421280
-0.001487 -0.067305 -43.707134
0.75000 -0.058584 -46.159337 -0.421280
-0.001487 -0.250382 -44.307299 -0.421280
1.00000 -0.058584 -15.426624 -0.421280
-0.001487 -0.762402 -114.506171

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.121812 16.218290 0.288245
0.001438 0.706696 29.292650
0.25000 0.121812 46.978489 0.288245
0.001438 0.363441 70.505017
0.50000 0.121812 87.512331
0.001438 0.077711 138.002150
0.75000 0.121812 125.923859 0.288245
0.001438 0.559569 100.846920
1.00000 0.121812 168.666670 0.288245
0.001438 1.073519 24.273826

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.058584 -167.389715 -0.421280
-0.001487 -1.068442 -114.184153
0.25000 -0.058584 -125.082223 -0.421280
-0.001487 -0.541401 -40.413860
0.50000 -0.058584 -86.620346 -0.421280
-0.001487 -0.067305 -43.707134
0.75000 -0.058584 -46.159337 -0.421280
-0.001487 -0.401619 -44.307299 -0.421280
1.00000 0.121812 15.426624 -0.421280
-0.001487 -0.762402 -114.506171
Program SAP2000 Nonlinear Version 7.42
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1404

FRAME ELEMENT INTERNAL FORCES

ELEM 233 ===== LENGTH
= 0.30150

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.024508 0.790738 0.029849
0.001196 0.076696 24.527263
0.25000 0.024508 0.815560 0.029849
0.001196 0.042411 2.404706
0.50000 0.024508 0.847681
0.001196 0.024508 1.693944
0.75000 0.024508 0.875455 0.029849
0.001196 0.025961 1.214235
1.00000 0.024508 0.912696 0.029849
0.001196 0.114443 1.160411

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.026948 -0.224618 -0.048953
-1.57E-05 -0.131779 -3.818267
0.25000 -0.026948 -0.192157 -0.048953
-1.57E-05 -0.070288 -3.761326
0.50000 -0.026948 -0.161691 -0.048953
-1.57E-05 -0.010133 -3.751716
0.75000 -0.026948 -0.130445 -0.048953
-1.57E-05 -0.032672 -3.742744
1.00000 -0.026948 -0.108399 -0.048953
-1.57E-05 -0.070206 -3.758575

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.054719 10.775727 0.062556
0.001402 0.155479 24.243129
0.25000 0.054719 29.303775 0.062556
0.001402 0.098128 103.269557
0.50000 0.054719 84.175022 0.062556
0.001402 0.059301 130.702902
0.75000 0.054719 119.976158 0.062556
0.001402 0.129988 30.302375
1.00000 0.054719 167.980289 0.062556
0.001402 0.29293

0.001492	0.173270	71.045382			
0.50000	0.089734	72.588326			
0.001492	0.089734	96.365055			
0.75000	0.089734	114.528904			
0.001492	0.232566	64.544270			
1.00000	0.089734	149.647654			
0.001492	0.448240	17.270672			
COMB DL-G1-2 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.039885	-148.871287			
-3.04E-05	-0.526404	-97.174876			
0.25000	-0.039850	-111.067885			
-3.04E-05	-0.287756	-42.550408			
0.50000	-0.039885	-68.525208			
-3.04E-05	-0.126363	21.133418			
0.75000	-0.039885	-30.419386			
-3.04E-05	-0.156599	-30.195228			
1.00000	-0.039885	-15.548626			
-3.04E-05	-0.299952	-88.974596			
COMB DL-G1-3 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.122664	9.224072			
0.001353	0.657284	18.753126			
0.25000	0.122664	20.133418			
0.001353	0.343110	61.331580			
0.50000	0.122664	60.311283			
0.001353	0.055497	81.455384			
0.75000	0.122664	94.576420			
0.001353	0.432747	55.326360			
1.00000	0.122664	123.268175			
0.001353	0.862004	16.835131			
Program SAP2000 Nonlinear Version 7.42					
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F R A M E E L E M E N T I N T E R N A L F O R C E S					
COMB DL-G1-3 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.051590	-121.856060			
0.000036	-0.393857	-84.890204			
0.25000	-0.051590	-90.971459			
-0.000036	-0.493249	-40.395110			
0.50000	-0.051590	-56.212788			
0.000036	-0.065769	-35.569630			
0.75000	-0.051590	-25.081420			
-0.000036	-0.337068	-31.300867			
1.00000	-0.051590	-12.932448			
-0.000036	-0.661231	-80.085927			
COMB DL-G2-1 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.032455	0.837494			
1.16E-05	0.511127	3.379737			
0.25000	0.032455	0.849096			
1.16E-05	0.254292	2.854164			
0.50000	0.032455	0.868838			
1.16E-05	0.040054	2.461072			
0.75000	0.032455	0.898961			
1.16E-05	0.032455	2.174534			
1.00000	0.032455	0.907464			
1.16E-05	0.599412	2.119943			
COMB DL-G2-1 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.032380	-0.194983			
0.001266	-0.615106	-5.706652			
0.25000	-0.032380	-0.176034			
-0.001266	-0.310266	-0.000000			
0.50000	-0.032380	-0.154708			
0.001266	-0.013763	-6.233949			
0.75000	-0.032380	-0.135609			
-0.001266	-0.200126	-6.233949			
1.00000	-0.032380	-0.128155			
-0.001266	-0.518936	-7.213901			
COMB DL-G2-2 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.100323	9.384756			
2.74E-07	0.772308	17.079536			
0.25000	0.100323	30.782708			
2.74E-07	0.399238	65.988969			
0.50000	0.100323	60.073360			
2.74E-07	0.054310	89.339715			
0.75000	0.100323	105.953516			
2.74E-07	0.488650	59.835542			
1.00000	0.100323	138.414151			
2.74E-07	0.958539	16.036129			
COMB DL-G2-2 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.032747	-137.595833			
-0.001513	-0.014923	-96.456236			
0.25000	-0.032747	-102.653474			
-0.001513	-0.529978	-39.997312			
0.50000	-0.032747	-63.329809			
-0.001513	-0.057847	-34.067252			
0.75000	-0.032747	-28.109447			
-0.001513	-0.405357	-28.704489			
1.00000	-0.032747	-14.364261			
-0.001513	-0.789198	-83.127562			
COMB DL-G2-3 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.123630	9.384508			
0.000870	0.788193	18.996982			
0.25000	0.123630	28.724156			
0.000870	0.407352	62.606988			
0.50000	0.123630	61.769351			
0.000870	0.055519	82.296011			
0.75000	0.123630	96.904848			
0.000870	0.505566	56.497379			
1.00000	0.123630	126.325369			
0.000870	1.001505	16.861898			
Program SAP2000 Nonlinear Version 7.42					
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F R A M E E L E M E N T I N T E R N A L F O R C E S					
COMB DL-G2-3 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.042413	-124.950000			
-0.001362	-0.042413	-93.280181			
0.25000	-0.042413	-91.477595			
-0.001362	-0.560673	-41.477595			
0.50000	-0.042413	-57.639367			
-0.001362	-0.039850	-36.408479			
0.75000	-0.042413	-25.717571			
-0.001362	-0.409805	-31.919833			
1.00000	-0.042413	-13.259892			
-0.001362	-0.801685	-81.748670			
COMB DB ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.123630	9.384508			
0.000870	0.788193	18.996982			
0.25000	0.123630	28.724156			
0.000870	0.407352	62.606988			
0.50000	0.123630	61.769351			
0.000870	0.055519	82.296011			
0.75000	0.123630	96.904848			
0.000870	0.505566	56.497379			
1.00000	0.123630	126.325369			
0.000870	1.001505	16.861898			
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0.001402	0.252492	103.260657			
0.50000	0.078679	84.175022			0.198784
0.001402	0.053030	130.702902			
0.75000	0.078679	119.976158			0.198784
0.001402	0.346704	91.302375			
1.00000	0.078679	167.980289			0.198784
0.001402	0.685971	24.058065			
COMB DB ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.042395	-166.125616			-0.285639
-0.001471	-0.761853	-114.483684			
0.25000	-0.042395	-124.275691			-0.285639
-0.001471	-0.407262	-45.173946			
0.50000	-0.042395	-85.012866			-0.285639
-0.001471	-0.060500	-36.873247			
0.75000	-0.042395	-44.735656			-0.285639
-0.001471	-0.407262	-45.173946			
1.00000	-0.042395	-16.319054			-0.285639
-0.001471	-0.506306	-101.843690			
COMB DL ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.123630	10.057504			0.314847
0.001492	0.788193	18.886962			
0.25000	0.123630	33.202569			0.314847
0.001492	0.407352	71.045382			
0.50000	0.123630	62.588326			0.314847
0.001492	0.061930	96.365055			
0.75000	0.123630	114.528904			0.314847
0.001492	0.505566	64.544270			
1.00000	0.123630	149.647654			0.314847
0.001492	1.001505	17.270872			
COMB DL ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.051590	-148.871287			-0.410762
-0.001513	-0.747023	-97.174876			
0.25000	-0.051590	-111.067885			-0.410762
-0.001513	-0.560673	-42.550408			
0.50000	-0.051590	-68.525208			-0.410762
-0.001513	-0.065769	-36.408479			
0.75000	-0.051590	-30.419386			-0.410762
-0.001513	-0.409805	-31.919833			
1.00000	-0.051590	-15.548626			-0.410762
-0.001513	-0.801685	-88.974596			
COMB CAR ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.123630	10.775727			0.314847
0.001492	0.788193	24.326378			
0.25000	0.123630	32.710292			0.314847
0.001492	0.407352	103.260657			
0.50000	0.123630	84.175022			0.314847
0.001492	0.061930	130.702902			
0.75000	0.123630	119.976158			0.314847
0.001492	0.505566	91.302375			
1.00000	0.123630	167.980289			0.314847
0.001492	1.001505	24.058065			
SAP2000 Nonlinear Version 7.42					
Program File:상명S11-S1503.OUT					
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F R A M E E L E M E N T I N T E R N A L F O R C E S					
COMB CAR ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.051590	-166.125616			-0.410762
-0.001513	-0.747023	-114.483684			
0.25000	-0.051590	-124.275691			-0.410762
-0.001513	-0.560673	-45.173946			
0.50000	-0.051590	-85.012866			-0.410762
-0.001513	-0.065769	-36.408479			
0.75000	-0.051590	-44.735656			-0.410762
-0.001513	-0.409805	-31.919833			
1.00000	-0.051590	-16.319054			-0.410762
-0.001513	-0.801685	-101.843690			
COMB DESIGN ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.123630	10.775727			0.314847
0.001492	0.788193	24.326378			
0.25000	0.123630	32.710292			0.314847
0.001492	0.407352	103.260657			
0.50000	0.123630	84.175022			0.314847
0.001492	0.061930	130.702902			
0.75000	0.123630	119.976158			0.314847
0.001492	0.505566	91.302375			
1.00000	0.123630	167.980289			0.314847
0.001492	1.001505	24.058065			
COMB DESIGN ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.051590	-166.125616			-0.410762
-0.001513	-0.747023	-114.483684			
0.25000	-0.051590	-124.275691			-0.410762
-0.001513	-0.560673	-45.173946			
0.50000	-0.051590	-85.012866			-0.410762
-0.001513	-0.065769	-36.873247			
0.75000	-0.051590	-44.735656			-0.410762
-0.001513	-0.409805	-31.919833			
1.00000	-0.051590	-16.319054			-0.410762
-0.001513	-0.801685	-101.843690			
ELEM 234 ----- LENGTH					
= 3.521750					
COMB DB-G1-1 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.006905	0.675647			0.050917
0.001004	0.088451	16.5585			
0.25000	0.006905	0.700770			0.050917
0.001004	0.043624	1.737356			
0.50000	0.006905	0.728448			0.050917
0.001004	0.002965	2.607143			
0.75000	0.006905	0.555685			0.050917
0.001004	0.050920	1.24539			
0.001004	0.19054	0.725113			0.050917
COMB DB-G1-1 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.037259	-0.204265			-0.066132
-0.000562	-0.029786	-0.18418			
0.25000	-0.037259	-0.18495			-0.066132
-0.000562	-0.065657	-3.687685			
0.50000	-0.037259	-0.159143			-0.066132
-0.000562	0.029786	49.329977			
0.75000	-0.037259	-0.129296			-0.066132
-0.000562	-0.046273	-3.542936			
1.00000	-0.037259	-0.106889			-0.066132
-0.000562	-0.091103	-3.502810			
COMB DB-G1-2 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.029756	16.945254			0.130337
0.001186	0.229517	24.039140			
0.25000	0.029756	16.945254			0.130337
0.001186	0.115312	81.041981			
0.50000	0.029756	85.006377			0.130337
0.001186	0.052030	99.400722			
SAP2000 Nonlinear Version 7.42					
Program File:상명S11-S1503.OUT					

0.001260 0.587508 46.402846 0.661844
0.50000 0.136909 60.963358
0.001260 0.136909 60.963358
0.75000 0.136909 92.728272 0.661844
0.001260 0.592927 43.925360
1.00000 0.136909 119.734712 0.661844
0.001260 1.208376 16.399773

COMB DL-G2-3 MIN

REL DIST T M2 M3 V3
0.00000 -0.033659 -120.268244 -0.717533
0.001470 -1.328376 -81.777757
0.25000 -0.071122 -91.163255 -0.717533
0.001470 -0.698046 -51.931120
0.50000 -0.033659 -58.863893 -0.717533
0.001470 -0.080758 -46.422553
0.75000 -0.033659 -29.231127 -0.717533
0.001470 -0.591649 -41.114299
1.00000 -0.033659 -21.193300 -0.717533
0.001470 -1.170636 -69.358158

COMB DB MAX

REL DIST T M2 M3 V3
0.00000 0.072122 16.945254 0.423269
0.001475 0.743255 24.039140 0.423269
0.25000 0.072122 49.329077
0.001475 0.370695 81.041981
0.50000 0.072122 85.006377 0.423269
0.001475 0.052030 99.400722 0.423269
0.75000 0.072122 120.113965
0.001475 0.393509 76.715146 0.423269
1.00000 0.072122 145.155658
0.001475 0.800808 23.393172

COMB DB MIN

REL DIST T M2 M3 V3
0.00000 0.072122 16.945254 0.423269
0.001475 0.743255 24.039140 0.423269
0.25000 0.072122 49.329077
0.001475 0.370695 81.041981
0.50000 0.072122 85.006377 0.423269
0.001475 0.052030 99.400722 0.423269
0.75000 0.072122 120.113965
0.001475 0.393509 76.715146 0.423269
1.00000 0.072122 145.155658
0.001475 0.800808 23.393172

COMB DB MIN

REL DIST T M2 M3 V3
0.00000 -0.038852 -151.524121 -0.484348
0.001497 -0.913312 -101.872429 -0.484348
0.25000 -0.038852 -126.627853
0.001497 -0.388126 -54.752721 -0.484348
0.50000 -0.038852 -93.361879 -0.484348
0.001497 -0.077169 -46.531940 -0.484348
0.75000 -0.038852 -54.886403 -0.484348
0.001497 -0.388126 -54.752721 -0.484348
1.00000 -0.038852 -26.006407 -0.484348
0.001497 -0.751132 -71.279333
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL MAX
REL DIST T M2 M3 V3
0.00000 0.136909 15.412819 0.661844
0.001451 1.165177 17.259908
0.25000 0.136909 35.292223
0.001451 0.698046 51.931120
0.50000 0.136909 71.720810
0.001451 0.049370 69.626363
0.75000 0.136909 109.632034
0.001451 0.388126 91.013622
1.00000 0.136909 141.869124
0.001451 1.208376 16.962887

COMB DL MIN
REL DIST T M2 M3 V3
0.00000 -0.067198 -143.164930 -0.717533
0.001470 -1.328376 -89.001470 -0.717533
0.25000 -0.067198 -108.422842 -0.717533
0.001470 -0.698046 -51.931120 -0.717533
0.50000 -0.067198 -69.867689 -0.717533
0.001470 -0.080758 -46.422553 -0.717533
0.75000 -0.067198 -34.495033 -0.717533
0.001470 -0.591649 -41.114299 -0.717533
1.00000 -0.067198 -24.900936 -0.717533
0.001470 -1.170636 -73.089000

COMB CAR MAX
REL DIST T M2 M3 V3
0.00000 0.136909 16.945254 0.661844
0.001475 1.165177 24.039140 0.661844
0.25000 0.136909 49.329077 0.661844
0.001475 0.587508 81.041981 0.661844
0.50000 0.136909 85.006377 0.661844
0.001475 0.052030 99.400722 0.661844
0.75000 0.136909 120.113966 0.661844
0.001475 0.592927 76.715146 0.661844
1.00000 0.136909 145.155658 0.661844
0.001475 1.208376 23.393172

COMB CAR MIN
REL DIST T M2 M3 V3
0.00000 0.136909 16.945254 0.661844
0.001475 1.165177 24.039140 0.661844
0.25000 0.136909 49.329077 0.661844
0.001475 0.587508 81.041981 0.661844
0.50000 0.136909 85.006377 0.661844
0.001475 0.052030 99.400722 0.661844
0.75000 0.136909 120.113966 0.661844
0.001475 0.592927 76.715146 0.661844
1.00000 0.136909 145.155658 0.661844
0.001475 1.208376 23.393172

COMB DESIGN MIN
REL DIST T M2 M3 V3
0.00000 0.136909 16.945254 0.661844
0.001475 1.165177 24.039140 0.661844
0.25000 0.136909 49.329077 0.661844
0.001475 0.587508 81.041981 0.661844
0.50000 0.136909 85.006377 0.661844
0.001475 0.052030 99.400722 0.661844
0.75000 0.136909 120.113966 0.661844
0.001475 0.592927 76.715146 0.661844
1.00000 0.136909 145.155658 0.661844
0.001475 1.208376 23.393172

COMB DESIGN MAX
REL DIST T M2 M3 V3
0.00000 0.136909 16.945254 0.661844
0.001475 1.165177 24.039140 0.661844
0.25000 0.136909 49.329077 0.661844
0.001475 0.587508 81.041981 0.661844
0.50000 0.136909 85.006377 0.661844
0.001475 0.052030 99.400722 0.661844
0.75000 0.136909 120.113966 0.661844
0.001475 0.592927 76.715146 0.661844
1.00000 0.136909 145.155658 0.661844
0.001475 1.208376 23.393172

COMB DESIGN MIN
REL DIST T M2 M3 V3
0.00000 -0.067198 -151.524121 -0.717533
0.001497 -1.328376 -101.872429 -0.717533
0.25000 -0.067198 -126.627853 -0.717533
0.001497 -0.698046 -54.752721 -0.717533
0.50000 -0.067198 -93.361879 -0.717533
0.001497 -0.080758 -46.531940 -0.717533
0.75000 -0.067198 -54.886403 -0.717533
0.001497 -0.388126 -54.752721 -0.717533
1.00000 -0.067198 -26.006407 -0.717533
0.001497 -0.751132 -71.279333
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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L F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 235 ===== LENGTH = 3.521364

COMB DB-G1-1 MAX
REL DIST T M2 M3 V3
0.00000 0.072700 22.892626 0.479957
0.001497 0.790976 21.212677
0.25000 0.072700 48.055747 0.479957
0.001497 0.385906 67.601197 0.479957
0.50000 0.072700 81.577777 0.479957
0.001497 0.048357 87.390273

0.00000 0.006052 0.107508 0.066154
0.000562 0.109178 1.078912
0.00000 0.006052 0.107508 0.066154
0.000562 0.051037 0.088692
0.50000 0.006052 0.159756 0.066154
0.000562 0.003267 0.097693
0.75000 0.006052 0.185666 0.066154
0.000562 0.043558 1.109764 0.066154
1.00000 0.006052 0.204885 0.066154
0.000562 0.087729 1.100889

COMB DB-G1-1 MIN
REL DIST T M2 M3 V3
0.00000 -0.037306 -0.776335 -0.050569
0.001004 -0.090582 -3.501903
0.25000 -0.037306 -0.756914
0.001004 -0.046073 -3.513484
0.50000 -0.037306 -0.926880 -0.050569
0.001004 -0.008460 -3.586432
0.75000 -0.037306 -0.702004 -0.050569
1.00000 -0.065552 -3.659498
0.001004 -0.037306 -0.676877 -0.050569
0.001004 -0.123782 -3.762721

COMB DB-G1-2 MAX
REL DIST T M2 M3 V3
0.00000 0.028773 25.998511 0.183011
0.000679 0.277932 23.371831
0.25000 0.028773 54.876080 0.183011
0.000679 0.137093 76.522000
0.50000 0.028773 92.546409 0.183011
0.000679 0.052387 99.130897
0.75000 0.028773 126.615839 0.183011
0.000679 0.119076 80.277127
1.00000 0.028773 151.518236 0.183011
0.000679 0.236726 23.994763

COMB DB-G1-2 MIN
REL DIST T M2 M3 V3
0.00000 -0.038879 -145.170732 -0.133662
0.001187 -0.238267 -71.315445
0.25000 -0.038879 -120.137376 -0.133662
0.001187 0.133247 -38.416319
0.50000 -0.038879 -85.333790 -0.133662
0.001187 -0.072019 -46.503893
0.75000 -0.038879 -49.357452 -0.133662
0.001187 0.214741 -54.722907
1.00000 -0.038879 -16.968710 -0.133662
0.001187 -0.375801 -101.801858

COMB DB-G1-3 MAX
REL DIST T M2 M3 V3
0.00000 0.058126 21.845069 0.396877
0.001359 0.649355 20.133299
0.25000 0.058126 45.818588 0.396877
0.001359 0.316797 64.532402
0.50000 0.058126 73.755464
0.75000 0.058126 105.375405 0.396877
0.001359 0.295511 68.175344
1.00000 0.058126 126.048838 0.396877
0.001359 0.589893 21.117089

COMB DB-G1-3 MIN
REL DIST T M2 M3 V3
0.00000 -0.037972 -121.366422 -0.334412
0.001470 -0.581272 -69.358158 -0.334412
0.25000 -0.037972 -100.584220 -0.334412
0.001470 -0.072550 -35.215373
0.50000 -0.037972 -71.441072 -0.334412
0.001470 -0.072603 -41.997309
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T M2 M3 V3
0.00000 -0.037972 -41.824254 -0.334412
0.001470 -0.406648 -48.888325 -0.334412
1.00000 -0.037972 -14.935818 -0.334412
0.001470 -0.755997 -88.040002

COMB DB-G2-1 MAX
REL DIST T M2 M3 V3
0.00000 0.034191 0.155679 0.307950
0.000979 0.527762 1.018691
0.25000 0.034191 0.178082
0.000979 0.256677 1.014816
0.50000 0.034191 0.207927 0.307950
0.000979 0.022984 1.044206
0.75000 0.034191 0.237238 0.307950
1.00000 0.034191 0.105700 0.307950
0.000979 0.034191 0.253057 0.307950
0.000979 0.504819 1.043786

COMB DB-G2-1 MIN
REL DIST T M2 M3 V3
0.00000 -0.037972 -41.824254 -0.334412
0.001470 -0.406648 -48.888325 -0.334412
1.00000 -0.037972 -14.935818 -0.334412
0.001470 -0.755997 -88.040002

COMB DB-G2-2 MAX
REL DIST T M2 M3 V3
0.00000 0.064111 24.252969 0.484606
0.001214 0.801495 21.901492
0.25000 0.064111 51.248661 0.484606
0.001214 0.393628 71.704528
0.50000 0.064111 82.212021 0.484606
0.001214 0.049144 92.930315
0.75000 0.064111 118.313388 0.484606
0.001214 0.702066 75.777005
1.00000 0.064111 141.592576 0.484606
0.001214 0.742423 22.471367

COMB DB-G2-2 MIN
REL DIST T M2 M3 V3
0.00000 -0.006519 -135.700865 -0.422863
0.000640 -0.750768 -67.045865
0.25000 -0.006519 -112.298800 -0.422863
0.000640 -0.388028 -36.257220
0.50000 -0.006519 -79.841780 -0.422863
0.000640 -0.076440 -43.850498
0.75000 -0.006519 -46.131377 -0.422863
0.000640 -0.487017 -51.566608
1.00000 -0.006519 -15.953333 -0.422863
0.000640 -0.913636 -95.610255

COMB DB-G2-3 MAX
REL DIST T M2 M3 V3
0.00000 0.072700 22.892626 0.479957
0.001497 0.790976 21.212677
0.25000 0.072700 48.055747 0.479957
0.001497 0.385906 67.601197 0.479957
0.50000 0.072700 81.577777 0.479957
0.001497 0.048357 87.390273

0.75000 0.072700 110.567865 0.479957
0.001497 0.370347 11.421152
0.25000 0.072700 132.071152 0.479957
0.001497 0.739655 22.087234

COMB DB-G2-3 MIN
REL DIST T M2 M3 V3
0.00000 -0.022583 -127.236840 -0.419577
0.001295 -0.716661 -65.153046
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T M2 M3 V3
0.25000 -0.022583 -105.423393 -0.419577
0.001295 -0.381065 -36.501028
0.50000 -0.022583 -74.834118
0.001295 -0.077263 -45.819905
0.75000 -0.022583 -43.747668 -0.419577
0.001295 -0.484670 -50.853274
0.50000 -0.022583 -15.524898
0.001295 -0.507196 -31.944818

COMB DL-G1-1 MAX
REL DIST T M2 M3 V3
0.00000 0.008854 0.175458 0.120806
0.00000 0.199334 2.166602
0.25000 0.008854 0.180260 0.120806
0.000524 0.093043 2.141491
0.50000 0.008854 0.197988
0.75000 0.008854 2.137947
0.000524 0.008854 2.171313
0.000524 0.076527 2.185626
1.00000 0.008854 0.234728
0.000524 0.153273 2.294388

COMB DL-G1-1 MIN
REL DIST T M2 M3 V3
0.00000 -0.068245 -0.828623 -0.087592
0.001043 -0.155669 -8.793984
0.25000 -0.068245 -0.124660 -0.087592
0.001043 -0.078907 -8.396137
0.50000 -0.068245 -0.793468 -0.087592
0.001043 0.017556 -8.035020
0.75000 -0.068245 -0.775204 -0.087592
0.001043 -0.119046 -7.732207
1.00000 -0.068245 -0.765233 -0.087592
0.001043 -0.225375 -7.485889

COMB DL-G1-2 MAX
REL DIST T M2 M3 V3
0.00000 0.068654 24.899633 0.318000
0.000619 0.512846 16.965625
0.25000 0.068654 34.479539
0.000619 0.251849 49.952844
0.50000 0.068654 69.846183 0.318000
0.000619 0.050190 69.587080
0.75000 0.068654 108.399163 0.318000
1.00000 0.068654 143.141821 0.318000
0.000619 0.417781 17.203797

COMB DL-G1-2 MIN
REL DIST T M2 M3 V3
0.00000 -0.067802 -141.906792 -0.237764
0.001217 -0.429316 -73.139212
0.25000 -0.067802 -109.675303 -0.237764
0.001217 -0.012117 -39.717176
0.50000 -0.067802 -71.736443 -0.237764
0.001217 -0.074623 -46.336470 -0.237764
0.75000 -0.067802 -35.336247 -0.237764
0.001217 -0.084419 -53.103111
1.00000 -0.067802 -15.443492 -0.237764
0.001217 -0.617814 -88.801105

COMB DL-G1-3 MAX
REL DIST T M2 M3 V3
0.00000 0.122849 20.683164 0.629503
0.001289 0.105168 16.091533
0.25000 0.122849 28.508895 0.629503
0.001289 0.512699 42.895032
0.50000 0.122849 57.429844 0.629503
0.001289 0.045550 58.911082 0.629503
0.75000 0.122849 88.901488 0.629503
0.001289 0.474997 45.357582
1.00000 0.122849 117.296919 0.629503
0.001289 0.934698 16.749999
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T M2 M3 V3
0.00000 0.122849 20.683164 0.629503
0.001289 0.105168 16.091533
0.25000 0.122849 28.508895 0.629503
0.001289 0.512699 42.895032
0.50000 0.122849 57.429844 0.629503
0.001289 0.045550 58.911082 0.629503
0.75000 0.122849 88.901488 0.629503
0.001289 0.474997 45.357582
1.00000 0.122849 117.296919 0.629503
0.001289 0.934698 16.749999
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

< MOVING Page LOAD 1419 >

L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T M2 M3 V3
0.00000 0.122849 20.683164 0.629503
0.001289 0.105168 16.091533
0.25000 0.122849 28.508895 0.629503
0.001289 0.512699 42.895032
0.50000 0.122849 57.429844 0.629503
0.001289 0.045550 58.911082 0.629503
0.75000 0.122849 88.901488 0.629503
0.001289 0.474997 45.357582
1.00000 0.122849 117.296919 0.629503
0.001289 0.934698 16.749999
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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L F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 MIN
REL DIST T M2 M3 V3
0.00000 -0.011525 -0.805700 -0.416781
0.000482 -0.363081 -7.994788
0.25000 -0.011525 -0.789544 -0.416781
0.000482 -0.363081 -7.994788
0.50000 -0.011525 -0.770544 -0.416781
0.000482 -0.159528 -7.747225 -0.416781
0.75000 -0.011525 -0.752281 -0.416781
0.000482 -0.413342 -7.318978
1.00000 -0.011525 -0.742310 -0.416781
0.000482 -0.808261 -7.138751

COMB DL-G2-2 MAX
REL DIST T M2 M3 V3
0.00000 0.133558 22.989601 0.719764
0.001234 0.213038 15.848486
0.25000 0.133558 31.843302 0.719764

0.001234 0.596338 46.358768 0.719764
0.50000 0.133558 64.533999
0.001234 0.133558 64.533999
0.75000 0.133558 100.168931 0.719764
0.001234 0.575467 48.885561 0.719764
1.00000 0.133558 132.281944
0.001234 1.1316

0.001497 0.609751 76.622680 0.743237
0.50000 0.137988 93.346409 0.743237
0.001497 0.024687 99.310877 0.743237
0.75000 0.137988 126.615839 0.743237
0.001497 0.580345 80.977917 0.743237
1.00000 0.137988 151.518236 0.743237
0.001497 1.143063 23.994763 0.743237

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.068245 -145.170792 -0.646964
0.001470 -0.124994 -73.139212 -0.646964
0.25000 -0.007245 -120.137273 -0.646964
-0.001470 -0.579067 -41.081426 -0.646964
0.50000 -0.068245 -85.032697 -0.646964
0.001470 -0.081448 -46.503993 -0.646964
0.75000 -0.068245 -49.357452 -0.646964
-0.001470 -0.722396 -54.722079 -0.646964
1.00000 -0.068245 -16.968710 -0.646964
-0.001470 -1.376374 -101.801858 -0.646964

ELEM 236 ----- LENGTH
5.031834

COMB DB-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.023305 0.113411 0.048661
1.57E-05 0.113877 1.095659 0.048661
0.25000 0.023305 0.135455 0.048661
1.57E-05 0.052751 1.148393 0.048661
0.50000 0.023305 0.166704 0.048661
1.57E-05 0.004907 1.685705 0.048661
0.75000 0.023305 0.197168 0.048661
1.57E-05 0.014865 2.386928 0.048661
1.00000 0.023305 0.229651 0.048661
1.57E-05 0.078853 3.174306 0.048661

COMB DB-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.027469 -0.913671 -0.029455
-0.001196 -0.069460 -3.768723 -0.029455
0.25000 -0.027469 -0.876409 -0.029455
-0.001196 -0.033327 -3.718430 -0.029455
0.50000 -0.027469 -0.848692 -0.029455
-0.001196 -0.010108 -3.726177 -0.029455
0.75000 -0.027469 -0.816507 -0.029455
0.001196 -0.069792 -3.736569 -0.029455
1.00000 -0.027469 -0.791646 -0.029455
-0.001196 -0.130953 -3.794293 -0.029455

COMB DB-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.053857 16.312163 0.129478
4.35E-05 0.027027 23.994763 0.129478
0.25000 0.053857 44.726079 0.129478
4.35E-05 0.152841 91.282165 0.129478
0.50000 0.053857 85.006043 0.129478
4.35E-05 0.000000 0.000000 0.129478
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FRAME ELEMENT INTERNA
L FORCES

REL DIST T M2 M3 V3
0.75000 0.053857 124.274489 0.129478
4.35E-05 0.090593 103.256298 0.129478
1.00000 0.053857 166.145022 0.129478
4.35E-05 0.162130 24.225953 0.129478

COMB DB-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.028409 -168.016492 -0.065084
-0.001402 -0.028409 -119.985753 -0.065084
0.25000 -0.028409 -119.985753 -0.065084
-0.001402 -0.085233 -29.363064 -0.065084
0.50000 -0.028409 -84.180828 -0.065084
-0.001402 -0.028409 -39.527324 -0.065084
0.75000 -0.028409 -42.527324 -0.065084
-0.001402 -0.208650 -45.142275 -0.065084
1.00000 -0.028409 -10.775313 -0.065084
-0.001402 -0.371467 -114.458692 -0.065084

COMB DB-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.075167 13.696286 0.246031
0.000943 0.584310 21.067727 0.246031
0.25000 0.075167 23.284967 0.246031
0.000943 0.294237 77.232066 0.246031
0.50000 0.075167 70.724463 0.246031
0.000943 0.051674 110.398331 0.246031
0.75000 0.075167 104.825244 0.246031
0.000943 0.204405 88.341639 0.246031
1.00000 0.075167 138.084294 0.246031
0.000943 0.396534 23.675639 0.246031

COMB DB-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.041722 -140.408847 -0.159559
-0.001269 -0.406112 -88.051300 -0.159559
0.25000 -0.041722 -100.534763 -0.159559
-0.001269 -0.278702 -87.878522 -0.159559
0.50000 -0.041722 -70.810287 -0.159559
-0.001269 -0.058222 -34.096135 -0.159559
0.75000 -0.041722 -36.434180 -0.159559
-0.001269 -0.344762 -11.003296 -0.159559
1.00000 -0.041722 -9.870611 -0.159559
-0.001269 -0.663896 -98.560532 -0.159559

COMB DB-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 0.024213 0.108067 0.170769
0.001187 0.422395 1.037946 0.170769
0.25000 0.024213 0.130110 0.170769
0.001187 0.207691 1.091605 0.170769
0.50000 0.024213 0.161359 0.170769
0.001187 0.002304 1.449837 0.170769
0.75000 0.024213 0.191824 0.170769
0.001187 0.170467 2.136653 0.170769
1.00000 0.024213 2.136653 0.170769
0.001187 0.344118 2.843349 0.170769

COMB DB-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 -0.029142 -0.856567 -0.138095
-1.20E-05 -0.350762 -3.615026 -0.138095
0.25000 -0.029142 -0.819305 -0.138095
-1.20E-05 -0.177060 -3.569991 -0.138095
0.50000 -0.029142 -0.819305 -0.138095
-1.20E-05 -0.004417 -3.586996 -0.138095
0.75000 -0.029142 -0.759404 -0.138095
-1.20E-05 -0.222057 -3.604847 -0.138095
1.00000 -0.029142 -0.745584 -0.138095
-1.20E-05 -0.436821 -3.669629 -0.138095

COMB DB-G2-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.053631 41.804640 0.282080
0.001471 0.345483 85.244480 0.282080
0.25000 0.053631 72.451100 0.282080
0.001471 0.052535 122.224503 0.282080
0.75000 0.053631 116.169135 0.282080
0.001471 0.245680 96.677938 0.282080
1.00000 0.053631 158.992712 0.282080
0.001471 0.481343 22.880754 0.282080

COMB DB-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.032263 -157.106727 -0.195017
-4.45E-07 -0.458919 -95.596921 -0.195017
0.25000 -0.032263 -112.205997 -0.195017
-4.45E-07 -0.256462 -27.835479 -0.195017
0.50000 -0.032263 -78.734365 -0.195017
-4.45E-07 -0.056032 -3.571255 -0.195017
0.75000 -0.032263 -40.024703 -0.195017
-4.45E-07 -0.397319 -42.606129 -0.195017
1.00000 -0.032263 -10.112451 -0.195017
-4.45E-07 -0.752111 -107.415276 -0.195017

COMB DB-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.078716 14.385617 0.286448
0.001321 0.587704 25.974940 0.286448
0.25000 0.078716 39.144740 0.286448
0.001321 0.347501 80.769398 0.286448
0.50000 0.078716 74.243619 0.286448
0.001321 0.053230 115.256535 0.286448
0.75000 0.078716 108.481089 0.286448
0.001321 0.254414 92.318156 0.286448
1.00000 0.078716 144.945948 0.286448
0.001321 0.497101 24.301067 0.286448

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.040296 -147.226820 -0.200043
-0.000868 -0.509334 -91.940436 -0.200043
0.25000 -0.040296 -105.374124 -0.200043
-0.000868 -0.259398 -28.784172 -0.200043
0.50000 -0.040296 -74.174673 -0.200043
0.000868 -0.059707 -35.311159 -0.200043
0.75000 -0.040296 -38.092771 -0.200043
-0.000868 -0.403939 -42.562678 -0.200043
1.00000 -0.040296 -10.211077 -0.200043
-0.000868 -0.764232 -102.977605 -0.200043

COMB DL-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.023360 0.145331 0.087918
1.52E-05 0.205722 2.202571 0.087918
0.25000 0.023360 0.152784 0.087918
1.52E-05 0.094195 2.374262 0.087918
0.50000 0.023360 0.171885 0.087918
1.52E-05 0.007392 2.608034 0.087918
0.75000 0.023360 0.193212 0.087918
1.52E-05 0.009243 3.021850 0.087918
1.00000 0.023360 0.212164 0.087918
1.52E-05 0.130396 3.554183 0.087918

COMB DL-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.043496 -92.975777 -0.049368
-0.001265 -0.118116 -6.750306 -0.049368
0.25000 -0.043496 -96.917972 -0.049368
-0.001265 -0.056219 -3.040949 -0.049368
0.50000 -0.043496 -6.112743 -0.049368
0.75000 -0.043496 -92.120202 -0.049368
-0.001265 -0.124948 -6.105000 -0.049368
1.00000 -0.043496 -9.309599 -0.049368
-0.001265 -0.236024 -5.245466 -0.049368
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FRAME ELEMENT INTERNA
L FORCES

REL DIST T M2 M3 V3
0.75000 0.053857 124.274489 0.129478
4.35E-05 0.090593 103.256298 0.129478
1.00000 0.053857 166.145022 0.129478
4.35E-05 0.162130 24.225953 0.129478

COMB DL-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.087112 15.561683 0.208122
0.000000 0.486240 17.207152 0.208122
0.25000 0.087112 30.430729 0.208122
0.000000 0.246508 72.648542 0.208122
0.50000 0.087112 68.537817 0.208122
0.000000 0.061992 96.224414 0.208122
0.75000 0.087112 111.085759 0.208122
0.000000 0.174889 107.900783 0.208122
1.00000 0.087112 148.893460 0.208122
0.000000 0.303737 13.674685 0.208122

COMB DL-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.042088 -149.709759 -0.116422
-0.001444 -0.294061 -88.878743 -0.116422
0.25000 -0.042088 -114.586022 -0.116422
-0.001444 -0.154851 -28.948440 -0.116422
0.50000 -0.042088 -72.648542 -0.116422
-0.001444 -0.064143 -35.814231 -0.116422
0.75000 -0.042088 -33.249574 -0.116422
-0.001444 -0.310657 -42.139447 -0.116422
1.00000 -0.042088 -10.103330 -0.116422
-0.001444 -0.569884 -96.718167 -0.116422

COMB DL-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.122931 12.955713 0.376150
0.000936 0.906544 16.743669 0.376150
0.25000 0.122931 25.103612 0.376150
0.000936 0.452433 55.199235 0.376150
0.50000 0.122931 56.208024 0.376150
0.000936 0.055233 81.266518 0.376150
0.75000 0.122931 90.998165 0.376150
0.000936 0.344969 61.120884 0.376150
1.000936 0.122931 12.955713 0.376150
0.000936 0.655286 18.471613 0.376150

COMB DL-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.052830 -123.352857 -0.257990
-0.001310 -0.653007 -94.674337 -0.257990
0.25000 -0.052830 -94.657437 -0.257990
-0.001310 -0.333897 -31.004207 -0.257990
0.50000 -0.052830 -60.993128 -0.257990
0.000936 0.122931 56.208024 0.376150
0.75000 -0.052830 -28.206172 -0.257990
-0.001310 -0.521060 -39.845519 -0.257990
1.00000 -0.052830 -29.95864 -0.257990
-0.001310 -0.992638 -84.059020 -0.257990

COMB DL-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.034481 0.144761 0.246176
0.001267 0.609730 2.068670 0.246176
0.25000 0.034481 0.152214 0.246176

0.001267 0.299430 2.110615 0.246176
0.50000 0.034481 0.171315 0.246176
0.001267 0.030450 0.171315 0.246176
0.75000 0.034481 0.192643 0.246176
0.001267 0.254504 2.760467 0.246176
1.00000 0.034481 0.211594 0.246176
0.001267 0.511360 3.265156 0.246176

COMB DL-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.029953 -0.939268 -0.204374
-1.16E-05 0.516741 -1.13197 -0.204374
0.25000 -0.029953 -0.939268 -0.204374
-1.16E-05 -0.259846 -6.515699 -0.204374
0.50000 -0.029953 -0.900640 -0.204374
-1.16E-05 -0.013467 -6.054807 -0.204374
0.75000 -0.029953 -0.880892 -0.204374
-1.16E-05 -0.317620 -5.690623 -0.204374
1.00000 -0.029953 -0.869290 -0.204374
-1.16E-05 0.627956 -5.446544 -0.204374
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FRAME ELEMENT INTERNA
L FORCES

REL DIST T M2 M3 V3
0.00000 0.104065 14.382289 0.403850
0.001313 0.986322 15.971418 0.403850
0.25000 0.104065 28.125908 0.403850
0.001313 0.500545 59.746739 0.403850
0.50000 0.104065 63.348700 0.403850
0.001313 0.054599 89.197346 0.403850
0.75000 0.104065 102.676222 0.403850
0.001313 0.400122 65.839149 0.403850
1.00000 0.104065 137.622288 0.403850
0.001313 0.770191 16.864492 0.403850

COMB DL-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.030596 -138.474030 -0.306633
-2.74E-07 0.782297 63.023856 -0.306633
0.25000 -0.030596 -106.000991 -0.306633
-2.74E-07 -0.402485 -28.459495 -0.306633
0.50000 -0.030596 -67.244052 -0.306633
-2.74E-07 0.058120 -33.801368 -0.306633
0.75000 -0.030596 -30.829091 -0.306633
-2.74E-07 -0.546878 -39.595672 -0.306633
1.00000 -0.030596 -9.434766 -0.306633
-2.74E-07 -1.052967 -90.009480 -0.306633

COMB DL-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.125417 13.285897 0.429462
0.001362 0.104404 16.670923 0.429462
0.25000 0.125417 25.742357 0.429462
0.001362 0.052366 31.584975 0.429462
0.50000 0.125417 57.666355 0.429462
0.001362 0.055563 83.106567 0.429462
0.75000 0.125417 93.310853 0.429462
0.001362 0.101141 68.398114 0.429462
1.00000 0.125417 124.983842 0.429462
0.001362 0.788452 18.603752 0.429462

COMB DL-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.041523 -126.409145 -0.312640
-0.000870 -0.794353 -81.579823 -0.312640
0.25000 -0.041523 -96.984852 -0.312640
-0.000870 -0.406723 -31.584975 -0.312640
0.50000 -0.041523 -61.850217 -0.312640
-0.000870 -0.066085 -36.016850 -0.312640
0.75000 -0.041523 -28.845702 -0.312640
-0.000870 -0.586808 -40.924530 -0.312640
1.00000 -0.041523 -9.455066 -0.312640
-0.000870 -1.123981 -86.217529 -0.312640

COMB DB ----- MAX

REL DIST T M2 M3 V3
0.00000 0.078716 16.312163 0.286448
0.001471 0.687704 23.949510 0.286448
0.25000 0.078716 44.726079 0.286448
0.001471 0.347501 91.282165 0.286448
0.50000 0.078716 74.243619 0.286448
0.001471 0.053230 115.256535 0.286448
0.75000 0.078716 108.481089 0.286448
0.001471 0.254414 103.256298 0.286448
1.00000 0.078716 144.945948 0.286448
0.001471 0.497101 24.301067 0.286448

COMB DB ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.041722 -168.016492 -0.200043
-0.001402 -0.406112 -88.051300 -0.200043
0.25000 -0.041722 -100.534763 -0.200043
-0.001402 -0.085233 -29.363064 -0.200043
0.50000 -0.041722 -84.180828 -0.200043
-0.001402 -0.028409 -39.527324 -0.200043
0.75000 -0.041722 -42.527324 -0.200043
-0.001402 -0.208650 -45.142275 -0.200043
1.00000 -0.041722 -10.775313 -0.200043
-0.001402 -0.371467 -114.458692 -0.200043

COMB DB-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.070386 15.428278 0.153582
0.000943 0.387197 24.224690 0.153582
0.25000 0.070386 44.162788 0.153582
0.000943 0.207653 100.832463 0.153582
0.50000 0.070386 86.626370 0.153582
0.000943 0.076577 91.917411 0.153582
0.75000 0.070386 125.092246 0.153582
4.32E-05 0.103636 107.468460 0.153582
1.00000 0.070386 167.390171 0.153582
4.32E-05 0.190562 27.744689 0.153582

COMB DB-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.017556 -168.657873 -0.072205
-0.001415 -0.172863 -14.479611 -0.072205
0.25000 -0.017556 -125.926726 -0.072205
-0.001415 -0.095261 -44.293977 -0.072205
0.50000 -0.017556 -87.511705 -0.072205
-0.001415 -0.067316 -48.694332 -0.072205
0.75000 -0.017556 -46.915971 -0.072205
-0.001415 -0.232578 -44.921170 -0.072205
1.00000 -0.017556 -16.031912 -0.072205
-0.001415 -0.425746 -114.181803 -0.072205

COMB DB-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.079333 13.022502 0.267384
0.000943 0.679736 23.641866 0.267384
0.25

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L F O R C E S

COMB DL-G1-2	MAX				
REL DIST	P	M2	M3	V3	
0.00000	0.114002	15.612256	0.236325		
2.61E-05	0.606109	22.413169			
0.25000	0.140002	32.634007	0.236325		
2.61E-05	0.326057	76.382675			
0.50000	0.140002	71.065709			
2.61E-05	0.090070	106.529649	0.236325		
0.75000	0.114002	112.962650	0.236325		
2.61E-05	0.201287	79.045963			
1.00000	0.140002	149.636279	0.236325		
2.61E-05	0.344919	27.339511			
COMB DL-G1-2	MIN				
REL DIST	P	M2	M3	V3	
0.00000	-0.010218	-151.102555	-0.133118		
-0.001168	-0.351440	-94.894464			
0.25000	-0.010218	-114.185690	-0.133118		
-0.001168	-0.192667	-39.147708			
0.50000	-0.010218	-72.284002	-0.133118		
-0.001168	-0.33906	-39.186700			
0.75000	-0.010218	-33.807689	-0.133118		
-0.001168	-0.325030	-39.389991			
1.00000	-0.010218	-16.888646	-0.133118		
-0.001168	-0.615871	-94.953355			
COMB DL-G1-3	MAX				
REL DIST	P	M2	M3	V3	
0.00000	0.119027	13.098526	0.371333		
0.000738	0.119027	24.102555			
0.25000	0.119027	27.005169	0.371333		
0.000738	0.505208	68.658759			
0.50000	0.119027	58.406047	0.371333		
0.000738	0.911912	39.233400			
0.75000	0.119027	92.634466	0.371333		
0.000738	0.313989	72.408722			
1.00000	0.119027	122.804767	0.371333		
0.000738	0.590143	31.154116			
COMB DL-G1-3	MIN				
REL DIST	P	M2	M3	V3	
0.00000	-0.039845	-124.465127	-0.235008		
0.001053	-0.620128	-81.490668			
0.25000	-0.039845	-94.939119	-0.235008		
-0.001053	-0.325278	-36.110072			
0.50000	-0.039845	-60.070398	-0.235008		
0.001053	-0.054562	-36.305600			
0.75000	-0.039845	-28.636079	-0.235008		
-0.001053	-0.473551	-36.635502			
1.00000	-0.039845	-14.649950	-0.235008		
-0.001053	-0.935271	-82.226810			
COMB DL-G2-1	MAX				
REL DIST	P	M2	M3	V3	
0.00000	0.002146	0.222143	0.210432		
0.000977	0.546810	5.202280			
0.25000	0.002146	0.230671	0.210432		
0.000977	0.231593	0.233400			
0.50000	0.002146	0.209445	0.210432		
0.000977	0.019501	6.682325			
0.75000	0.002146	0.270943	0.210432		
0.000977	0.191593	7.443493			
1.00000	0.002146	0.289451	0.210432		
0.000977	0.393749	8.264413			
COMB DL-G2-1	MIN				
REL DIST	P	M2	M3	V3	
0.00000	-0.061882	-0.905244	-0.161040		
-9.78E-06	-0.416038	-14.122888			
0.25000	-0.061882	-0.886740	-0.161040		
-9.78E-06	-0.278520	-3.233400			
0.50000	-0.061882	-0.865366	-0.161040		
-9.78E-06	-0.010565	-2.426014			
0.75000	-0.061882	-0.846450	-0.161040		
-9.78E-06	-0.254967	-4.410411			
1.00000	-0.061882	-0.837689	-0.161040		
-9.78E-06	-0.510857	-4.404666			
Program	SAP2000	Nonlinear	Version 7.42		
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L F R A M E E L E M E N T I N T E R N A L F O R C E S					
COMB DL-G2-2	MAX				
REL DIST	P	M2	M3	V3	
0.00000	0.057429	14.399255	0.341562		
0.001187	0.896915	21.368996			
0.25000	0.057429	30.132642	0.341562		
0.001187	0.481779	7.443493			
0.50000	0.057429	65.658269	0.341562		
0.001187	0.087133	99.442481			
0.75000	0.057429	104.387382	0.341562		
0.001187	0.29517	11.294511			
1.00000	0.057429	138.516260	0.341562		
0.001187	0.560408	26.429373			
COMB DL-G2-2	MIN				
REL DIST	P	M2	M3	V3	
0.00000	-0.061194	-139.741538	-0.230859		
-2.32E-07	-0.627122	-88.177526			
0.25000	-0.061194	-105.618853	-0.230859		
-2.32E-07	-0.336463	-66.886368			
0.50000	-0.061194	-66.886368	-0.230859		
-2.32E-07	-0.051894	-36.756698			
0.75000	-0.061194	-31.324602	-0.230859		
-2.32E-07	-0.425327	-36.379844			
1.00000	-0.061194	-15.301286	-0.230859		
-2.32E-07	-0.849521	-88.409849			
COMB DL-G2-3	MAX				
REL DIST	P	M2	M3	V3	
0.00000	0.105194	13.390873	0.400047		
0.001156	1.038165	24.251760			
0.25000	0.105194	27.650749	0.400047		
0.001156	0.546755	69.962872			
0.50000	0.105194	59.849228	0.400047		
0.001156	0.049833	95.822678			
0.75000	0.105194	94.951154	0.400047		
0.001156	0.342490	73.693178			
1.00000	0.105194	125.863698	0.400047		
0.001156	0.652253	31.306728			
COMB DL-G2-3	MIN				
REL DIST	P	M2	M3	V3	
0.00000	-0.057587	-127.545218	-0.262600		
-0.000692	-0.670789	-83.673979			
0.25000	-0.057587	-96.618237	-0.262600		
-0.000692	-0.367023	-37.086601			
0.50000	-0.057587	-61.515395	-0.262600		
-0.000692	-0.055608	-37.123510			
0.75000	-0.057587	-29.282081	-0.262600		
-0.000692	-0.502483	-37.299598			
1.00000	-0.057587	-14.906999	-0.262600		
-0.000692	-1.000178	-83.981077			
COMB DB	DB	MIN			
REL DIST	P	M2	M3	V3	
0.00000	0.074629	15.365937	0.276642		
0.001275	0.721615	29.232637			
0.25000	0.074629	46.221288	0.276642		

0.001275	0.381833	108.729748			
0.50000	0.074629	86.682211	0.276642		
0.001275	0.091826	142.189819			
0.75000	0.074629	125.089867	0.276642		
0.001275	0.220685	111.607081			
1.00000	0.074629	167.415901	0.276642		
0.001275	0.428589	35.136091			
COMB	DB		MIN		
REL DIST	P	M2	M3	V2	V3
0.00000	-0.064003	-168.829760	-0.171191		
-0.001243	-0.432757	-114.168163			
0.25000	-0.064003	-126.403938	-0.171191		
-0.001243	-0.228448	-44.064968			
0.50000	-0.064003	-88.007667	-0.171191		
-0.001243	-0.064362	-42.612647			
0.75000	-0.064003	-47.540141	-0.171191		
-0.001243	-0.359831	-43.459377			
1.00000	-0.064003	-16.664981	-0.171191		
-0.001243	-0.703683	-112.666533			
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F R A M E E L E M E N T I N T E R N A L F O R C E S					
COMB	DL		MAX		
REL DIST	P	M2	M3	V2	V3
0.00000	0.119027	15.612256	0.400047		
0.000187	1.038165	24.251760			
0.25000	0.119027	32.634007	0.400047		
0.000187	0.548755	76.382675			
0.50000	0.119027	71.068728	0.400047		
0.000187	0.094833	106.529649			
0.75000	0.119027	112.969260	0.400047		
0.000187	0.342490	72.408722			
1.00000	0.119027	149.892856	0.400047		
0.000187	0.652253	31.306728			
COMB	DL		MIN		
REL DIST	P	M2	M3	V2	V3
0.00000	-0.061882	-151.102555	-0.262600		
-0.001168	-0.697089	-94.894464			
0.25000	-0.061882	-114.185690	-0.262600		
-0.001168	-0.367023	-39.147708			
0.50000	-0.061882	-72.284002	-0.262600		
-0.001168	-0.055508	-39.186700			
0.75000	-0.061882	-33.807689	-0.262600		
-0.001168	-0.502483	-39.389991			
1.00000	-0.061882	-16.888646	-0.262600		
-0.001168	-1.000178	-94.993355			
COMB	CAR		MAX		
REL DIST	P	M2	M3	V2	V3
0.00000	0.119027	15.612256	0.400047		
0.001275	1.038165	29.232637			
0.25000	0.119027	46.221288	0.400047		
0.001275	0.548755	108.729748			
0.50000	0.119027	86.682211	0.400047		
0.001275	0.094833	142.189819			
0.75000	0.119027	125.089867	0.400047		
0.001275	0.342490	111.607081			
1.00000	0.119027	167.415901	0.400047		
0.001275	0.652253	35.136091			
COMB	CAR		MIN		
REL DIST	P	M2	M3	V2	V3
0.00000	-0.064003	-168.829760	-0.262600		
-0.001243	-0.697089	-114.168163			
0.25000	-0.064003	-126.403938	-0.262600		
-0.001243	-0.367023	-39.147708			
0.50000	-0.064003	-88.007667	-0.262600		
-0.001243	-0.064362	-42.612647			
0.75000	-0.064003	-47.540141	-0.262600		
-0.001243	-0.502483	-43.459377			
1.00000	-0.064003	-16.888646	-0.262600		
-0.001243	-1.000178	-112.666533			
COMB	DESIGN		MAX		
REL DIST	P	M2	M3	V2	V3
0.00000	0.119027	15.612256	0.400047		
0.001275	1.038165	29.232637			
0.25000	0.119027	46.221288	0.400047		
0.001275	0.548755	76.382675			
0.50000	0.119027	86.682211	0.400047		
0.001275	0.094833	142.189819			
0.75000	0.119027	125.089867	0.400047		
0.001275	0.342490	111.607081			
1.00000	0.119027	167.415901	0.400047		
0.001275	0.652253	35.136091			
COMB	DESIGN		MIN		
REL DIST	P	M2	M3	V2	V3
0.00000	-0.064003	-168.829760	-0.262600		
-0.001243	-0.697089	-114.168163			
0.25000	-0.064003	-126.403938	-0.262600		
-0.001243	-0.367023	-39.147708			
0.50000	-0.064003	-88.007667	-0.262600		
-0.001243	-0.064362	-42.612647			
0.75000	-0.064003	-47.540141	-0.262600		
-0.001243	-0.502483	-43.459377			
1.00000	-0.064003	-16.888646	-0.262600		
-0.001243	-1.000178	-112.666533			
Program	SAP2000	Nonlinear	Version 7.42		
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F R A M E E L E M E N T I N T E R N A L F O R C E S					
ELEM	239			LENGTH	
= 5.031184					
COMB	DB-G1-I		MAX		
REL DIST	P	M2	M3	V2	V3
0.00000	0.044342	0.328699	0.096201		
0.000287	0.236601	7.746289			
0.25000	0.044342	0.352431	0.096201		
0.000287	0.15627	7.785691			
0.50000	0.044342	0.352431	0.096201		
0.000287	0.020483	7.934496			
0.75000	0.044342	0.413607	0.096201		
0.000287	0.14647	8.266503			
1.000287	0.044342	11.446844	0.096201		
0.000287	0.218397	8.702469			
COMB	DB-G1-I		MIN		
REL DIST	P	M2	M3	V2	V3
0.00000	-0.010217	-0.718741	-0.082796		
-0.000010	-0.010217	-0.685543			
0.25000	-0.010217	-0.850597	-0.082796		
-0.000010	-0.010217	-0.650656			
0.50000	-0.010217	-1.446844	-0.082796		
0.75000	-0.010217	-0.624669	-0.082796		
-0.000010	-0.126453	-2.94367			
1.00000	-0.010217	-0.600725	-0.082796		
-0.000010	-0.247452	-2.370028			
COMB	DB-G1-I		MAX		
REL DIST	P	M2	M3	V2	V3

0.000979 0.470532 76.115403
0.50000 0.103030 60.421057 0.330608
0.000979 0.103030 39.717959
0.75000 0.103030 95.516460 0.330608
0.000979 0.334949 77.564259
1.00000 0.103030 126.443950 0.330608
0.000979 0.632975 34.118844
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.060471 -127.213294 -0.250879
0.000788 -0.660400 -83.946622
0.25000 -0.060641 -96.284984 -0.250879
0.000788 -0.345591 -37.298166
0.50000 -0.060641 -61.183496 -0.250879
0.000788 -0.345591 -37.298166
0.75000 -0.060641 -28.968075 -0.250879
0.000788 -0.407312 -37.111235
1.00000 -0.060641 -14.654718 -0.250879
0.000788 -0.820919 -83.621200

COMB DB MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.072979 15.778646 0.230310
0.001147 0.610421 39.717959
0.25000 0.072979 46.639685 0.230310
0.001147 0.333923 112.784153
0.50000 0.072979 87.099444 0.230310
0.001147 0.103256 80.810225
0.75000 0.072979 125.495881 0.230310
0.001147 0.233618 113.856079 0.230310
1.00000 0.072979 167.873841 0.230310
0.001147 0.427862 37.384101

COMB DB MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.068393 -168.399404 -0.167479
0.001140 -0.433888 -112.700076
0.25000 -0.068393 -125.993093 -0.167479
0.001140 -0.229181 -42.708922
0.50000 -0.068393 -87.597702 -0.167479
0.001140 -0.060418 -41.223030
0.75000 -0.068393 -39.206611 -0.167479
0.001140 -0.291468 -42.065331
1.00000 -0.068393 -16.275732 -0.167479
0.001140 -0.574234 -111.319907

COMB DL MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.118385 15.998079 0.330608
0.000979 0.874035 31.244967
0.25000 0.118385 33.061495 0.330608
0.000979 0.470532 80.810225
0.50000 0.118385 71.509569 0.330608
0.000979 0.109353 110.059921 0.330608
0.75000 0.118385 113.402305 0.330608
0.000979 0.109353 80.810225
1.00000 0.118385 150.319879 0.330608
0.000979 0.632975 34.130844

COMB DL MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.067925 -150.895606 -0.250879
0.000968 -0.660400 -95.014337
0.25000 -0.067925 -113.970533 -0.250879
0.000968 -0.345591 -37.298166
0.50000 -0.067925 -72.077041 -0.250879
0.000968 -0.054008 -39.016036
0.75000 -0.067925 -33.622099 -0.250879
0.000968 -0.407312 -39.035013 -0.250879
1.00000 -0.067925 -16.536535 -0.250879
0.000968 -0.820919 -94.528800

COMB CAR MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.118385 15.998079 0.330608
0.001147 0.874035 35.093502
0.25000 0.118385 46.639685 0.330608
0.001147 0.470532 112.784153
0.50000 0.118385 87.099444 0.330608
0.001147 0.109353 145.152565
0.75000 0.118385 125.495881 0.330608
0.001147 0.334949 113.856079 0.330608
1.00000 0.118385 167.873841 0.330608
0.001147 0.632975 37.384101
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FRAME ELEMENT INTERNAL FORCES

COMB CAR MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.068393 -168.399404 -0.250879
0.001140 -0.660400 -112.700076
0.25000 -0.068393 -125.993093 -0.250879
0.001140 -0.345591 -42.708922
0.50000 -0.068393 -87.597702 -0.250879
0.001140 -0.060418 -41.223030
0.75000 -0.068393 -47.139526 -0.250879
0.001140 -0.407312 -42.065331
1.00000 -0.068393 -16.536535 -0.250879
0.001140 -0.820919 -111.319907

COMB DESIGN MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.118385 15.998079 0.330608
0.001147 0.874035 35.093502 0.330608
0.25000 0.118385 46.639685 0.330608
0.001147 0.470532 112.784153 0.330608
0.50000 0.118385 87.099444 0.330608
0.001147 0.109353 145.152565 0.330608
0.75000 0.118385 125.495881 0.330608
0.001147 0.334949 113.856079 0.330608
1.00000 0.118385 167.873841 0.330608
0.001147 0.632975 37.384101

COMB DESIGN MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.068393 -168.399404 -0.250879
0.001140 -0.660400 -112.700076
0.25000 -0.068393 -125.993093 -0.250879
0.001140 -0.345591 -42.708922
0.50000 -0.068393 -87.597702 -0.250879
0.001140 -0.060418 -41.223030
0.75000 -0.068393 -47.139526 -0.250879
0.001140 -0.407312 -42.065331
1.00000 -0.068393 -16.536535 -0.250879
0.001140 -0.820919 -111.319907

ELEM 240 LENGTH
5.031032

COMB DB-G1-1 MAX

REL DIST T P M2 M3 V2 V3
0.00000 -0.068393 -168.399404 -0.250879
0.001140 -0.660400 -112.700076
0.25000 -0.068393 -125.993093 -0.250879
0.001140 -0.345591 -42.708922
0.50000 -0.068393 -87.597702 -0.250879
0.001140 -0.060418 -41.223030
0.75000 -0.068393 -47.139526 -0.250879
0.001140 -0.407312 -42.065331
1.00000 -0.068393 -16.536535 -0.250879
0.001140 -0.820919 -111.319907

0.00000 0.042887 0.464390 0.107368
0.000556 0.265841 8.716587
0.25000 0.042887 0.486333 0.107368
0.000556 0.130943 8.518741
0.50000 0.042887 0.519718 0.107368
0.000556 0.021741 8.419704
0.75000 0.042887 0.549504 0.107368
0.000556 0.143431 8.512941
1.00000 0.042887 0.582392 0.107368
0.000556 0.276025 8.705113

COMB DB-G1-1 MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.007399 -0.577190 -0.105688
0.000557 -0.256193 -2.397914
0.25000 -0.007399 -0.544305 -0.105688
0.000557 -0.123494 -2.164756
0.50000 -0.007399 -0.514518 -0.105688
0.000557 -0.004856 -2.019936
0.75000 -0.007399 -0.483134 -0.105688
0.000557 -0.139204 -2.187721
1.00000 -0.007399 -0.459192 -0.105688
0.000557 -0.274258 -2.428606

COMB DB-G1-2 MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.070729 16.035058 0.158222
0.000729 0.141826 33.688746
0.25000 0.070729 46.897958 0.158222
0.000729 0.226712 114.131113
0.50000 0.070729 87.352818 0.158222
0.000729 0.097204 145.910953 0.158222
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.75000 0.070729 125.747347 0.158222
0.000729 0.226712 114.131113
1.00000 0.070729 168.139500 0.158222
0.000729 0.425940 33.662153

COMB DB-G1-2 MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.006453 -168.124103 -0.156662
0.000687 -0.394964 -111.312080
0.25000 -0.006453 -125.736010 -0.156662
0.000687 -0.205731 -41.493090
0.50000 -0.006453 -16.025859 -0.156662
0.75000 -0.006453 -46.886016 -0.156662
0.000687 -0.224511 -31.526204
1.00000 -0.006453 -11.367553
0.000687 -0.416521 -111.367553

COMB DB-G1-3 MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.070114 13.888744 0.187131
0.001122 0.487179 36.801165
0.25000 0.070114 39.510458 0.187131
0.001122 0.270199 103.387207 0.187131
0.50000 0.070114 73.095123 0.187131
0.001122 0.102663 125.736010 0.187131
0.75000 0.070114 104.969520 0.187131
0.001122 0.271120 103.378659 0.187131
1.00000 0.070114 140.162517 0.187131
0.001122 0.495861 36.811194

COMB DB-G1-3 MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.042978 -140.154585 -0.187798
0.001122 -0.042978 -104.964888 -0.187798
0.25000 -0.042978 -87.352818 -0.187798
0.001122 -0.246414 -36.451687
0.50000 -0.042978 -73.095123 -0.187798
0.001122 -0.052818 -41.493090 -0.187798
0.75000 -0.042978 -39.505320 -0.187798
0.001122 -0.251659 -36.524025 -0.187798
1.00000 -0.042978 -13.885601 -0.187798
0.001122 -0.481199 -94.666130

COMB DB-G2-1 MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.000740 0.394491 0.063856
0.000535 0.179389 8.224602
0.25000 0.000740 0.418434 0.063856
0.000535 0.099315 8.094027 0.063856
0.50000 0.000740 0.449819 0.063856
0.000535 0.021360 8.035955 0.063856
0.75000 0.000740 0.479605 0.063856
0.000535 0.099234 8.107205 0.063856
1.00000 0.000740 0.512493 0.063856
0.000535 0.202582 8.250488

COMB DB-G2-1 MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.058447 -0.521898 -0.082183
0.000533 -0.210957 -2.271620 -0.082183
0.25000 -0.058447 -0.489014 -0.082183
0.000533 -0.107584 -2.058802 -0.082183
0.50000 -0.058447 -0.459226 -0.082183
0.75000 -0.058447 -1.932360 -0.082183
1.00000 -0.058447 -0.427844 -0.082183
0.000533 -0.096979 -2.101644 -0.082183
0.000533 -0.058447 -0.403901 -0.082183
0.000533 -0.147238 -2.324028

COMB DB-G2-2 MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.016362 14.961196 0.104279
0.000694 0.303855 32.373546
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.25000 0.016362 43.812859 0.104279
0.000694 0.186857 10.788229
0.50000 0.016362 81.631406 0.104279
0.000694 0.099391 137.312233
0.75000 0.016362 117.523886 0.104279
0.000694 0.182238 14.961196 0.104279
1.00000 0.016362 157.153479 0.104279
0.000694 0.326782 32.390424

COMB DB-G2-2 MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.067900 -157.155033 -0.124920
0.000720 -0.331660 -104.258418
0.25000 -0.067900 -117.529696 -0.124920
0.000720 -0.181608 -38.998399
0.50000 -0.067900 -81.635901 -0.124920
0.000720 -0.054902 -37.724223
0.75000 -0.067900 -43.818104 -0.124920
0.000720 -0.141143 -39.040146
1.00000 -0.067900 -14.968887 -0.124920

-0.000720 -0.265744 -104.340918
COMB DB-G2-3 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.056366 14.464689 0.171370
0.001072 0.465622 37.400894
0.25000 0.056366 41.357772 0.171370
0.001072 0.263205 107.335180
0.50000 0.056366 76.393131 0.171370
0.001072 0.105051 134.807240 0.171370
0.75000 0.056366 110.065012 0.171370
0.001072 0.263205 107.335180
1.00000 0.056366 147.059377 0.171370
0.001072 0.483097 37.405722 0.171370

COMB DB-G2-3 MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.061244 -147.001637 -0.184004
0.001100 -0.471166 -98.953616
0.25000 -0.061244 -110.065790 -0.184004
0.001100 -0.246328 -37.977080
0.50000 -0.061244 -76.080603
0.75000 -0.061244 -59.989332
0.001100 -0.162444 -31.358022 -0.184004
0.001100 -0.228588 -38.052391 -0.184004
1.00000 -0.061244 -14.467011 -0.184004
0.001100 -0.438053 -99.051613

COMB DL-G1-1 MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.046615 0.577206 0.142922
0.000458 0.351903 9.694565
0.25000 0.046615 0.585765 0.142922
0.000458 0.175692 9.803717
0.50000 0.046615 0.605038
0.75000 0.046615 0.626037
0.000458 0.190785 9.831972
1.00000 0.046615 0.644543 0.142922
0.000458 0.366642 9.951079

COMB DL-G1-1 MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.007800 -0.655635 -0.139737
0.000458 0.336660 -4.881982
0.25000 -0.007800 -0.630733 -0.139737
0.000458 -0.160573 -4.851984
0.50000 -0.007800 -0.616127 -0.139737
0.000458 0.009535 -4.849748
0.75000 0.007800 -0.596859 -0.139737
0.000458 -0.182719 -4.847753
1.00000 -0.007800 -0.588301 -0.139737
0.000458 0.362790 -4.873535
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.114355 16.255420 0.217434
0.000458 0.559105 39.364304
0.25000 0.114355 32.369178 0.217434
0.000458 0.301685 82.427010
0.50000 0.114355 71.779474 0.217434
0.75000 0.114355 111.193670 0.217434
0.000458 0.114355 113.672802 0.217434
0.000458 0.319963 82.474449 0.217434
1.00000 0.114355 150.593346 0.217434
0.000458 0.573397 29.459756

COMB DL-G1-2 MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.005899 -150.608891 -0.213282
0.000555 -0.544117 -94.515977
0.25000 -0.005899 -113.970533 -0.213282
0.000555 -0.27514 -39.020778
0.50000 -0.005899 -71.790498 -0.213282
0.000555 0.050435 -38.754204
0.75000 -0.005899 -33.349178 -0.213282
0.000555 -0.305028 -39.026428
1.00000 -0.005899 -16.276876 -0.213282
0.000555 -0.577983 -94.550222

COMB DL-G1-3 MAX

REL DIST T P M2 M3 V2 V3
0.00000 0.116028 13.967333 0.264511
0.000905 0.691878 33.996680
0.25000 0.116028 29.917601 0.264511
0.000905 0.374749 80.009055
0.50000 0.116028 59.330067 0.264511
0.000905 0.111840 100.451488 0.264511
0.75000 0.116028 93.556601 0.264511
0.000905 0.361314 114.230811 0.264511
1.00000 0.116028 123.720408 0.264511
0.000905 0.678674 34.166797

COMB DL-G1-3 MIN

REL DIST T P M2 M3 V2 V3
0.00000 -0.037891 -123.746132 -0.260

0.001122 0.374219 114.248113 0.264511
0.50000 0.116028 87.352818
0.001122 0.113235 145.910953
0.75000 0.116028 125.747347 0.264511
0.001122 0.361314 114.230081
1.00000 0.116028 168.139500 0.264511
0.001122 0.678674 37.405722

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3
-0.00000 -0.067900 -168.124103 -0.260940
-0.001100 -0.669478 -131.212080
0.25000 -0.067900 -125.736019 -0.260940
-0.001100 -0.342736 -41.493090
0.50000 -0.067900 -87.340075 -0.260940
-0.001100 -0.058114 -46.142859
0.75000 -0.067900 -46.886016 -0.260940
-0.001100 -0.340746 -41.532604
1.00000 -0.067900 -16.276876 -0.260940
-0.001100 -0.673212 -111.367553
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FRAME ELEMENT INTERNAL FORCES

ELEM 241 ===== LENGTH = 5.031005

COMB DB-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.045252 0.605981 0.115095
0.000807 0.286921 8.726579
0.25000 0.045252 0.624227 0.115095
0.000807 0.142170 8.284668
0.50000 0.045252 0.661315 0.115095
0.000807 0.020690 7.946521
0.75000 0.045252 0.698502 0.115095
0.000807 0.169863 7.791404
1.00000 0.045252 0.724000 0.115095
0.000807 0.329752 7.745853

COMB DB-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.012541 -0.441084 -0.127442
-0.000289 -0.311875 -2.425517
0.25000 -0.012541 -0.406213 -0.127442
-0.000289 -0.151869 -2.547416
0.50000 -0.012541 -0.379423 -0.127442
-0.000289 -0.006669 -2.722376
0.75000 -0.012541 -0.347037 -0.127442
-0.000289 -0.147374 -2.898135
1.00000 -0.012541 -0.323096 -0.127442
-0.000289 -0.292126 -3.129057

COMB DB-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.073701 16.285833 0.159070
0.000986 0.395345 33.688283
0.25000 0.073701 47.152027 0.159070
0.000986 0.215406 113.933216
0.50000 0.073701 87.611079 0.159070
0.000986 0.095561 145.168140
0.75000 0.073701 126.004314 0.159070
0.000986 0.297832 112.785121
1.00000 0.073701 168.411272 0.159070
0.000986 0.542769 32.015687

COMB DB-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.012458 -167.854079 -0.203311
-0.000380 -0.512953 -111.360113
0.25000 -0.012458 -125.483427 -0.203311
-0.000380 -0.265043 -42.124229
0.50000 -0.012458 -87.083796
-0.000380 -0.061010 -11.283416
0.75000 -0.012458 -46.627291 -0.203311
-0.000380 -0.220128 -42.760844
1.00000 -0.012458 -15.768549
-0.000380 -0.409192 -112.765883

COMB DB-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.075565 14.236069 0.178889
0.001176 0.075565 32.828946
0.25000 0.075565 39.860517 0.178889
0.001176 0.240452 102.855306
0.50000 0.075565 73.448698
0.001176 0.100299 128.462523 0.178889
0.75000 0.075565 105.321985 0.178889
0.001176 0.310942 117.478880
1.00000 0.075565 140.527327 0.178889
0.001176 0.580393 34.523747

COMB DB-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.049523 -139.796150 -0.221141
-0.000989 -0.559198 -94.857356
0.25000 -0.049523 -104.620948 -0.221141
-0.000989 -0.287545 -35.54392
0.50000 -0.049523 -72.742402 -0.221141
-0.000989 -0.056880 -6.313540
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.75000 -0.049523 -39.156284 -0.221141
-0.000989 -0.238981 -38.206243
1.00000 -0.049523 -13.538023 -0.221141
-0.000989 -0.454784 -96.489090

COMB DB-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.021059 15.214004 0.079270
0.000366 0.203141 32.379625
0.25000 0.021059 44.068747 0.079270
0.000366 0.122268 107.344640
0.50000 0.021059 81.891154 0.079270
0.000366 0.092156 136.563005
0.75000 0.021059 117.782483 0.079270
0.000366 0.191230 106.264304 0.079270
1.00000 0.021059 157.425915 0.079270
0.000366 0.348793 30.732158

COMB DB-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.069860 -156.887569 -0.132743
-0.001011 -0.349028 -104.335397
0.25000 -0.069860 -117.278076 -0.132743
-0.001011 -0.189046 -39.9629130
0.50000 -0.069860 -81.380826
-0.001011 -0.057670 -38.860844
0.75000 -0.069860 -43.560741 -0.132743
-0.001011 -0.110450 -40.259728
1.00000 -0.069860 -14.712964
-0.001011 -0.199826 -105.720498

COMB DB-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.062131 14.811392 0.155077
0.000953 0.391256 37.410813
0.25000 0.062131 41.707365 0.155077
0.000953 0.213761 106.814030
0.50000 0.062131 79.9629130
0.000953 0.102538 137.389856
0.75000 0.062131 110.417131 0.155077
0.000953 0.295366 105.429699
1.00000 0.062131 147.369414 0.155077
0.000953 0.508044 35.123316

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.065466 -146.845195 -0.210270
-0.001168 -0.535997 -94.048048
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.25000 -0.065466 -109.724545 -0.210270
-0.001168 -0.277583 -38.869211
0.50000 -0.065466 -76.264138 -0.210270
-0.001168 -0.058826 -38.298002
0.75000 -0.065466 -41.011425 -0.210270
-0.001168 -0.207367 -39.726848
1.00000 -0.065466 -14.121946
-0.001168 -0.392783 -100.878814

COMB DL-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.049133 0.736022 0.148416
0.000710 0.370805 9.986394
0.25000 0.049133 10.425425 0.148416
0.000710 0.025782 9.599716
0.50000 0.049133 0.763866
0.000710 0.025782 9.599716
0.75000 0.049133 0.784865
0.000710 0.232105 9.033894
1.00000 0.049133 8.803373
0.000710 0.444799 8.856806

COMB DL-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.010862 -0.525271 -0.171588
-0.000240 -0.418829 -4.908281
0.25000 -0.010862 -0.466458 -0.171588
-0.000240 -0.202576 -4.870958
0.50000 -0.010862 -0.485772 -0.171588
-0.000240 -0.010593 -4.861377
0.75000 -0.010862 -0.466458 -0.171588
-0.000240 -0.192994 -4.851869
1.00000 -0.010862 -0.457945 -0.171588
-0.000240 -0.376523 -4.870105

COMB DL-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.117764 16.518243 0.213546
0.000862 0.541411 29.504527
0.25000 0.117764 33.604199 0.213546
0.000862 0.294409 82.171745
0.50000 0.117764 72.066360 0.213546
0.000862 0.101336 110.353814 0.213546
0.75000 0.117764 113.959542 0.213546
0.000862 0.392193 91.107525
1.00000 0.117764 150.882109 0.213546
0.000862 0.711916 27.764273

COMB DL-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.009784 -150.326026 -0.269678
-0.000306 -0.681524 -94.588315
0.25000 -0.009784 -113.414495 -0.269678
-0.000306 -0.347664 -39.147207
0.50000 -0.009784 -7.525355 -0.269678
-0.000306 -0.052533 -39.097711
0.75000 -0.009784 -33.075594 -0.269678
-0.000306 -0.304773 -39.370040
1.00000 -0.009784 -16.011031
-0.000306 -0.569485 -95.118523

COMB DL-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.120931 14.337063 0.223795
0.001015 0.579381 34.315318
0.25000 0.120931 28.296160 0.223795
0.001015 0.316889 82.071745
0.50000 0.120931 59.719457 0.223795
0.001015 0.108728 97.44625 0.223795
0.75000 0.120931 93.945871 0.223795
0.001015 0.414233 81.130785 0.223795
0.001015 0.120931 121.113330 0.223795
0.001015 0.762126 31.714558
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.042672 -123.386266 -0.291489
-0.000366 -0.740771 -81.932671
0.25000 -0.042672 -93.229853 -0.291489
-0.000366 -0.379923 -36.641459
0.50000 -0.042672 -57.061272 -0.291489
-0.000366 -0.053375 -36.604757
0.75000 -0.042672 -27.593575 -0.291489
-0.000366 -0.307208 -36.831082
1.00000 -0.042672 -13.651955 -0.291489

-0.000836 -0.582765 -82.380896

COMB DL-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.001870 0.651175 0.058934
0.000215 0.160284 9.478254
0.25000 0.001870 0.660280
0.000215 0.088783 9.197576
0.50000 0.001870 0.716155
0.000215 0.052607 8.929684
0.75000 0.001870 0.700558
0.000215 0.110938 8.677403
0.000215 0.001870 0.716155
0.000215 0.222023 8.453876

COMB DL-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.068467 -0.462482 -0.089227
-0.000704 -0.228112 -4.626386
0.25000 -0.068467 -0.443980 -0.089227
-0.000704 -0.117939 -4.605565
0.50000 -0.068467 -0.422967 -0.089227
-0.000704 -0.001261 -4.612613
0.75000 -0.068467 -0.403710 -0.089227
-0.000704 -0.063934 -4.619792
1.00000 -0.068467 -0.395151
-0.000704 -0.136772 -4.634814

COMB DL-G2-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.053680 15.301303 0.099328
0.000302 0.217625 25.546225
0.25000 0.053680 31.094036 0.099328
0.000302 0.173240 77.141693
0.50000 0.053680 66.645026
0.000302 0.001176 77.296860
0.75000 0.053680 105.367346 0.099328
0.000302 0.234997 76.243640
1.00000 0.053680 139.495272 0.099328
0.000302 0.419688 26.843680

COMB DL-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.068825 -138.947185 -0.161116
-0.000889 -0.433658 -87.970435
0.25000 -0.068825 -104.829494 -0.161116
-0.000889 -0.235398 -36.742924
0.50000 -0.068825 -66.110876 -0.161116
-0.000889 -0.050269 -36.714682
0.75000 -0.068825 -30.571247 -0.161116
-0.000889 -0.142708 -36.983718
1.00000 -0.068825 -14.798387 -0.161116
-0.000889 -0.263605 -88.529897

COMB DL-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.104333 14.622674 0.196473
0.000812 0.517567 34.315318
0.25000 0.104333 29.936337
0.000812 0.001870 67.883755
0.50000 0.104333 61.157795 0.196473
0.000812 0.110001 101.171637
0.75000 0.104333 96.253577
0.000812 0.379934 105.93678
1.00000 0.104333 127.185245 0.196473
0.000812 0.703741 31.863510
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.061896 -126.461635 -0.270006
-0.001017 -0.694477 -83.651047
0.25000 -0.061896 -95.000000 -0.270006
-0.001017 -0.358102 -37.215315
0.50000 -0.061896 -60.446818
-0.001017 -0.054083 -37.183728
0.75000 -0.061896 -28.357474
-0.001017 -0.265781 -32.421724
1.00000 -0.061896 -13.940005 -0.270006
-0.001017 -0.508461 -13.42824

COMB DB ----- MAX

REL DIST T M2 M3 V3
0.00000 0.075565 16.285833 0.178889
0.001176 0.075565 32.828946
0.25000 0.075565 39.860517 0.178889
0.001176 0.240452 102.855306
0.50000 0.075565 73.448698
0.001176 0.100299 128.462523 0.178889
0.75000 0.075565 105.321985 0.178889
0.001176 0.310942 117.478880
1.00000 0.075565 140.527327 0.178889
0.001176 0.580393 34.523747

COMB DB ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.069860 -167.854079 -0.291489
-0.001168 -0.740771 -111.360113
0.25000 -0.069860 -125.483427 -0.291489
-0.001168 -0.379923 -42.124229
0.50000 -0.069860 -87.083796 -0.291489
-0.001168 -0.061010 -11.283416
0.75000 -0.069860 -46.627291 -0.291489
-0.001168 -0.307208 -42.760844
1.00000 -0.069860 -16.011031
-0.001168 -0.582765 -112.765883

ELEM 242 ===== LENGTH = 5.030102

COMB DB-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.044919 0.821271 0.118923
0.001053 0.298197 7.722050
0.25000 0.044919 0.845225 0.118923
0.001053 0.148652 6.987581
0.50000 0.044919 0.876819 0.118923
0.001053 0.016161 6.271121
0.75000 0.044919 0.906407 0.118923
0.001053 0.189636 6.054523
1.00000 0.044919 5.938313
0.001053 0.370877 5.311756

COMB DB-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.014523 -0.285415 -0.145016
-1.42E-05 -0.358992 -3.130576
0.25000 -0.014523 -0.252590 -0.145016
-1.42E-05 -0.176710 -3.126353
0.50000 -0.014523 -0.227794 -0.145016
-1.42E-05 -0.007713 -3.175148
0.75000 -0.014523 -0.191405 -0.145016
-1.42E-05 -0.150455 -3.225729
1.00000 -0.014523 -0.167840 -0.145016
-1.42E-05 -0.299997 -3.329575

COMB DB-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.074056 16.679114 0.166225
0.001241 0.074056 32.008756
0.25000 0.074056 47.556036 0.166225
0.001241 0.211172 111.657769 0.166225
0.50000 0.074056 88.023855 0.166225
0.001241 0.075951 142.229491
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.75000 0.074056 126.419609 0.166225
0.001241 0.380026 108.740870 0.166225
1.00000 0.074056 168.839890 0.166225
0.001241 0.632429 27.782719

COMB DB-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.014921 -167.401890 -0.241407
-3.9E-05 -0.620794 -112.717352
0.25000 -0.014921 -125.085994 -0.241407
-3.9E-05 -0.321205 -43.529419
0.50000 -0.014921 -86.678855 -0.241407
-3.9E-05 -0.064568 -42.680871
0.75000 -0.014921 -46.218972 -0.241407
-3.9E-05 -0.218794 -44.133912
1.00000 -0.014921 -15.364240 -0.241407
-3.9E-05 -0.419848 -114.245721

COMB DB-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.077342 14.775565 0.180394
0.001112 0.453243 34.598077
0.25000 0.077342 39.380195 0.180394
0.001112 0.229696 99.732950 0.180394
0.50000 0.077342 74.004521 0.180394
0.001112 0.089188 124.406414 0.180394
0.75000 0.077342 104.229491 0.180394
0.001112 0.353408 96.147769 0.180394
1.00000 0.077342 141.095494 0.180394
0.001112 0.657859 28.672779

COMB DB-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.049750 -139.178999 -0.248961
-0.000831 -0.638564 -96.450082
0.25000 -0.049750 -104.049255 -0.248961
-0.000831 -0.328793 -39.081915
0.50000 -0.049750 -72.164476 -0.248961
-0.000831 -0.060797 -38.404192
0.75000 -0.049750 -38.575217 -0.248961
-0.000831 -0.233048 -39.081915
1.00000 -0.049750 -12.960621 -0.248961
-0.000831 -0.454109 -97.912673

COMB DB-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.120931 16.518243 0.223795
0.001176 0.579381 34.315318
0.25000 0.120931 28.296160 0.223795
0.001176 0.316889 82.071745
0.50000 0.120931 59.719457 0.223795
0.001176 0.108728 97.44625 0.223795
0.75000 0.120931 93.945871 0.223795
0.001176 0.414233 81.130785 0.223795
0.001176 0.120931 121.113330 0.223795
0.001176 0.762126 31.714558

COMB DB-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.068467 -0.462482 -0.089227
-0.000704 -0.228112 -4.626386
0.25000 -0.068467 -0.443980 -0.089227
-0.000704 -0.117939 -4.605565
0.50000 -0.068467 -0.422967 -0.089227
-0.000704 -0.001261 -4.612613
0.75000 -0.068467 -0.403710 -0.08922

REL DIST P M2 V2 V3
0.00000 0.003209 0.747636 0.039783
1.10E-05 0.101911 7.310160
0.25000 0.003209 0.771590 0.039783
1.10E-05 0.051926 6.619738
0.50000 0.003209 0.802985 0.039783
1.10E-05 0.015866 5.947090
0.00000 0.003209 0.832772 0.039783
1.10E-05 0.066176 5.600440
1.50000 0.003209 0.865681 0.039783
1.10E-05 0.173609 4.921911

COMB DB-G2-1 MIN
REL DIST P M2 V2 V3
0.00000 -0.057333 -0.267493 -0.069532
-0.001030 -0.176175 -2.999827 -0.069532
0.25000 -0.057333 -0.234665 -0.069532
-0.001030 -0.086735 -2.994069 -0.069532
0.50000 -0.057333 -0.204869 -0.069532
-0.001030 -0.007348 -3.041328 -0.069532
0.75000 -0.057333 -0.173480 -0.069532
-0.001030 -0.041869 -3.090373 -0.069532
1.00000 -0.057333 -0.145737 -3.126863
-0.001030 -0.098205 -3.192683

COMB DB-G2-2 MAX
REL DIST P M2 V2 V3
0.00000 0.024173 15.613604 0.073391
4.06E-07 0.186020 30.727816
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.25000 0.024173 44.778375 0.073391
4.06E-07 0.097427 105.104970
0.50000 0.024173 82.300740 0.073391
4.06E-07 0.084114 133.610217
0.75000 0.024178 118.202662 0.073391
4.06E-07 0.199419 102.211194
1.00000 0.024178 157.857690
4.06E-07 0.367828 26.591552

COMB DB-G2-2 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.066461 -156.480825 -0.140529
0.001274 0.00136 105.677470
0.25000 -0.066461 -116.925521 -0.140529
-0.001274 -0.201876 -41.004211
0.50000 -0.066461 -81.018252
-0.001274 -0.081048 -40.216879
0.75000 -0.066461 -43.194631 -0.140529
-0.001274 -0.098219 -41.581148
1.00000 -0.066461 -14.350982 -0.140529
-0.001274 -0.163077 -107.129913

COMB DB-G2-3 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.064906 15.351884 0.152983
0.000772 0.350692 35.187542
0.25000 0.064906 104.783618 0.152983
0.000772 0.196332 103.700392
0.50000 0.064906 77.519777
0.000772 0.091558 110.976873 0.152983
0.75000 0.064906 110.976873 0.152983
0.000772 0.320034 100.080606
1.00000 0.064906 147.939907 0.152983
0.000772 0.605511 29.278509

COMB DB-G2-3 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.063879 -146.071330 -0.233251
-0.001240 -0.601608 -100.838618 -0.233251
0.25000 -0.063879 -109.845451
-0.001240 -0.311701 -40.594551
0.50000 -0.063879 -75.731444 -0.233251
0.001240 -0.062785 -39.899591 -0.233251
0.75000 -0.063879 -40.475434 -0.233251
-0.001240 -0.198745 -41.210172
1.00000 -0.063879 -13.589802 -0.233251
-0.001240 -0.384189 -102.384181

COMB DL-G1-1 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.047271 0.895923 0.166997
0.001000 0.410970 8.904380
0.25000 0.047271 0.904501 0.166997
0.001000 0.199570 6.061970
0.50000 0.047271 0.923788 0.166997
0.001000 0.019765 7.254241
0.75000 0.047271 0.944790 0.166997
0.001000 0.027982 6.536200
1.00000 0.047271 0.963299 0.166997
0.001000 0.545758 5.885513

COMB DL-G1-1 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.013862 -0.314901 -0.210802
-1.29E-05 -0.513389 -4.912847
0.25000 -0.013862 -0.296392 -0.210802
-1.29E-05 -0.248402 -4.715868
0.50000 -0.013862 -0.273731 -0.210802
-1.29E-05 -0.010450 -4.546831
0.75000 -0.013862 -0.256125 -0.210802
-1.29E-05 -0.126604 -4.377751
1.00000 -0.013862 -0.247396 -0.210802
-1.29E-05 -0.428866 -4.236597
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.115549 16.679864 0.237355
0.001167 0.580352 27.839328
0.25000 0.115549 33.791427
0.001167 0.001167 33.791427
0.50000 0.115549 72.270321 0.237355
0.001167 0.091128 107.078628
0.75000 0.115549 114.169176
0.001167 0.001167 114.169176
1.00000 0.115549 151.094117 0.237355
0.001167 0.884719 23.035133

COMB DL-G1-2 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.012523 -149.893398 -0.337763
-2.61E-05 -0.844146 -95.121234
0.25000 -0.012523 -112.969730 -0.337763
-2.61E-05 -0.424780 -39.501516
0.50000 -0.012523 -71.062773 -0.337763
-2.61E-05 -0.053890 -39.320671
0.75000 -0.012523 -32.636577 -0.337763
-2.61E-05 -0.341894 -39.293645
1.00000 -0.012523 -15.621475 -0.337763

-2.61E-05 -0.638269 -95.036010

COMB DL-G1-3 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.122159 14.625996 0.247666
0.001051 0.603110 31.789697
0.25000 0.122159 28.605517 0.247666
0.001051 0.309903 73.082096
0.50000 0.122159 60.44229 0.247666
0.001051 0.094511 94.653998
0.75000 0.122159 94.273533 0.247666
0.001051 0.518734 69.418349
1.00000 0.122159 121.212233 0.247666
0.001051 0.968152 24.969397

COMB DL-G1-3 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.043575 -122.805737 -0.367344
-0.001737 -0.907443 -82.377197
0.25000 -0.043575 -92.639452 -0.367344
-0.001737 -0.449842 -36.788955
0.50000 -0.043575 -58.401865 -0.367344
0.75000 -0.043575 -27.007870 -0.367344
-0.001737 -0.353008 -36.324048
1.00000 -0.043575 -13.106660 -0.367344
-0.001737 -0.662774 -81.717480

COMB DL-G2-1 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.003445 0.816144 0.052035
0.127400 0.003445 8.445499
0.25000 0.003445 82.4721 0.052035
9.77E-06 0.062240 7.694159
0.50000 0.003445 84.44009 0.052035
0.77E-06 0.019929 36.93660
0.75000 0.003445 86.5011 0.052035
9.77E-06 0.132886 26.44414
1.00000 0.003445 88.63520 0.052035
9.77E-06 0.257515 5.576882

COMB DL-G2-1 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.063109 -0.284942 -0.098581
-0.000975 -0.236209 -4.639442
0.25000 -0.063109 -0.284942 -0.098581
-0.000975 -0.114806 -4.467201
0.50000 -0.063109 -0.245428 -0.098581
-0.000975 -0.010570 -4.324502
0.75000 -0.063109 -0.226167 -0.098581
-0.000975 -0.070153 -4.337468
1.00000 -0.063109 -0.217638 -0.098581
-0.000975 -0.135468 -4.264820
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.058657 15.480087 0.099328
0.000772 0.237128 26.556178
0.25000 0.058657 104.783618 0.099328
0.000772 0.134149 74.594809
0.50000 0.058657 66.862946 0.099328
0.000772 0.067813 99.90335
0.75000 0.058657 105.590098 0.099328
0.000772 0.293416 71.985089
1.00000 0.058657 139.720630 0.099328
0.000772 0.528992 22.045537

COMB DL-G2-2 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.063000 -138.516604 -0.199002
-0.001186 -0.499192 -88.469659
0.25000 -0.063000 -104.783618 -0.199002
-0.001186 -0.254288 -37.058455
0.50000 -0.063000 -65.652785 -0.199002
0.001186 -0.051520 -36.890226
0.75000 -0.063000 -30.134945 -0.199002
-0.001186 -0.162221 -36.864004
1.00000 -0.063000 -14.407703 -0.199002
-0.001186 -0.285021 -88.386188

COMB DL-G2-3 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.106752 14.913267 0.209176
0.000691 0.506984 31.917940
0.25000 0.106752 29.248382 0.209176
0.000691 0.263606 74.845198
0.50000 0.106752 61.483859 0.209176
0.000691 0.095816 96.561448
0.75000 0.106752 96.584388 0.209176
0.000691 0.471513 8.817635
1.00000 0.106752 127.518049 0.209176
0.000691 0.879268 25.136692

COMB DL-G2-3 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.059576 -125.884887 -0.334243
-0.001155 -0.825598 -84.108206
0.25000 -0.059576 -94.952368 -0.334243
-0.001155 -0.410244 -37.443022
0.50000 -0.059576 -58.445198 -0.334243
-0.001155 -0.055149 -37.426049
0.75000 -0.059576 -27.853723 -0.334243
-0.001155 -0.304107 -37.158443
1.00000 -0.059576 -14.245721 -0.334243
-0.001155 -0.565413 -83.926215

COMB DB MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.077342 16.679114 0.180394
0.001241 0.453243 35.187542
0.25000 0.077342 47.556036 0.180394
0.001241 0.226966 111.657769
0.50000 0.077342 98.845198
0.001241 0.091558 122.29519
0.75000 0.077342 126.419609 0.180394
0.001241 0.353406 108.740870
1.00000 0.077342 168.339892 0.180394
0.001241 0.657859 29.278509

COMB DB MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.066461 -167.401890 -0.248961
-0.001274 -0.210802 -41.210172
0.25000 -0.066461 -125.085994 -0.248961
-0.001274 -0.326793 -43.529419
0.50000 -0.066461 -86.678855 -0.248961
-0.001274 -0.064568 -46.218566 -0.248961
0.75000 -0.066461 -46.218566 -0.248961
-0.001274 -0.233884 -44.133912
1.00000 -0.066461 -15.364240 -0.248961
-0.001274 -0.142472 -114.245721
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FRAME ELEMENT INTERNAL FORCES

L FORCES
COMB DL G1-3 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.122159 16.679864 0.247666
0.001167 0.603110 31.917940
0.25000 0.122159 33.791427 0.247666
0.001167 0.309903 73.082096
0.50000 0.122159 72.70392 0.247666
0.001167 0.095816 107.078628 0.247666
0.75000 0.122159 114.169176 0.247666
0.001167 0.518734 69.418349
1.00000 0.122159 151.094117 0.247666
0.001167 0.968152 25.136692

COMB DL G1-3 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.063109 -149.893398 -0.367344
-0.001186 -0.907443 -82.377197
0.25000 -0.063109 -112.969730 -0.367344
-0.001186 -0.449842 -39.501516
0.50000 -0.063109 -71.062773 -0.367344
-0.001186 -0.058149 -39.320671 -0.367344
0.75000 -0.063109 -32.636577 -0.367344
-0.001186 -0.353008 -39.293645 -0.367344
1.00000 -0.063109 -15.621475 -0.367344
-0.001186 -0.662774 -81.717480

COMB CAR MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.122159 16.679864 0.247666
0.001241 0.603110 35.187542
0.25000 0.122159 47.556036 0.247666
0.001241 0.309903 111.657769
0.50000 0.122159 88.023855
0.001241 0.095816 142.229519
0.75000 0.122159 126.419609 0.247666
0.001241 0.518734 108.740870 0.247666
1.00000 0.122159 168.339890 0.247666
0.001241 0.968152 29.278509

COMB CAR MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.066461 -167.401890 -0.367344
-0.001274 0.307443 -112.717352
0.25000 -0.066461 -125.085994
-0.001274 -0.449842 -43.529419
0.50000 -0.066461 -86.678855 -0.367344
-0.001274 0.064568 -42.680871
0.75000 -0.066461 -46.218566 -0.367344
-0.001274 -0.233884 -44.133912
1.00000 -0.066461 -15.621475 -0.367344
-0.001274 -0.662774 -114.245721

COMB DESIGN MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.122159 16.679864 0.247666
0.001241 0.603110 35.187542
0.25000 0.122159 47.556036
0.001241 0.309903 111.657769
0.50000 0.122159 88.023855 0.247666
0.001241 0.095816 142.229519 0.247666
0.75000 0.122159 126.419609 0.247666
0.001241 0.518734 108.740870 0.247666
1.00000 0.122159 168.339890 0.247666
0.001241 0.968152 29.278509

COMB DESIGN MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.066461 -167.401890 -0.367344
-0.001274 -0.907443 -112.717352
0.25000 -0.066461 -125.085994
-0.001274 -0.449842 -43.529419
0.50000 -0.066461 -86.678855 -0.367344
-0.001274 -0.064568 -42.680871
0.75000 -0.066461 -46.218566 -0.367344
-0.001274 -0.233884 -44.133912
1.00000 -0.066461 -15.621475 -0.367344
-0.001274 -0.662774 -114.245721
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FRAME ELEMENT INTERNAL FORCES

ELEM 243 LENGTH = 5.031334
COMB DB-G1-1 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.041290 0.749693 0.119063
0.001209 0.299812 5.339185
0.25000 0.041290 0.773572
0.001209 0.150050 4.632172
0.001209 0.041290 0.805019
0.001209 0.010701 4.002849
0.75000 0.041290 0.834820
0.001209 0.194705 3.515122
0.001209 0.041290 0.867982
0.001209 0.387630 3.166361

COMB DB-G1-1 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.018902 -0.260067 -0.153459
-1.56E-05 -0.384590 -3.338967
0.25000 -0.018902 -0.227247 -0.153459
-1.56E-05 -0.019599 -3.415985
0.50000 -0.018902 -0.197404
-1.56E-05 -0.068785 -3.547876
0.75000 -0.018902 -0.166013 -0.153459
-1.56E-05 -0.149506 -3.681184
1.00000 -0.018902 -0.142171 -0.153459
-1.56E-05 -0.299235 -3.888496

COMB DB-G1-2 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.071391 16.042819 0.166424
0.001417 0.419178 37.419748
0.25000 0.071391 46.990010 0.166424
0.001417 0.209793 107.536405
0.50000 0.071391 87.525095
0.001417 0.071391 136.021118
0.75000 0.071391 125.939261 0.166424
0.001417 0.351161 100.847215 0.166424
1.00000 0.071391 168.684114 0.166424
0.001417 0.663535 24.224907

COMB DB-G1-2 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.019194 -167.383234 -0.260042
-4.32E-05 -0.683460 -114.244533
0.25000 -0.019194 -125.077143 -0.260042
-4.32E-05 -0.356493 -44.992364
0.50000 -0.019194 -86.610292 -0.260042
-4.32E-05 -0.067841 -43.764423
0.75000 -0.019194 -46.146863 -0.260042
-4.32E-05 -0.271857 -44.363601
1.00000 -0.019194 -15.414639 -0.260042
-4.32E-05 -0.418143 -114.572933

COMB DB-G1-3 MAX
REL DIST T P M2 M3 V2 V3

0.00000 0.081353 14.166015 0.178997
0.001275 0.450698 28.721672
0.25000 0.081353 39.857057 0.178997
0.001275 0.225506

-1.46E-05 -0.477590 -5.315803

COMB DL-G1-2 MAX

REL DIST P M2 M3 V3
0.00000 0.106398 16.253583 0.271460
0.001439 0.666469 23.118862 0.271460
0.25000 0.106398 33.811257 0.271460
0.001439 0.344738 74.651122 0.271460
0.50000 0.106398 72.342990 0.271460
0.001439 0.077916 101.928079 0.271460
0.75000 0.106398 114.265935 0.271460
0.001439 0.525787 71.629641 0.271460
1.00000 0.106398 151.099379 0.271460
0.001439 0.950526 18.589964 0.271460

COMB DL-G1-2 MIN

REL DIST P M2 M3 V3
0.00000 -0.020571 -149.514262 -0.388665
0.25000 -0.020571 -149.514262 -0.388665
0.25000 -0.020571 -149.514262 -0.388665
0.25000 -0.020571 -149.514262 -0.388665
0.25000 -0.020571 -149.514262 -0.388665
0.25000 -0.020571 -149.514262 -0.388665
0.25000 -0.020571 -149.514262 -0.388665
0.25000 -0.020571 -149.514262 -0.388665
0.25000 -0.020571 -149.514262 -0.388665
0.25000 -0.020571 -149.514262 -0.388665

COMB DL-G1-3 MAX

REL DIST P M2 M3 V3
0.00000 0.123368 14.302139 0.291935
0.001300 0.123368 28.646627 0.291935
0.25000 0.123368 66.260719 0.291935
0.001300 0.123368 66.260719 0.291935
0.50000 0.123368 66.260719 0.291935
0.001300 0.123368 66.260719 0.291935
0.75000 0.123368 66.260719 0.291935
0.001300 0.123368 66.260719 0.291935
1.00000 0.123368 66.260719 0.291935
0.001300 0.123368 66.260719 0.291935

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 MIN

REL DIST P M2 M3 V3
0.00000 -0.046110 -122.502866 -0.439386
0.000893 -0.046110 -122.502866 -0.439386
0.25000 -0.046110 -122.502866 -0.439386
0.000893 -0.046110 -122.502866 -0.439386
0.50000 -0.046110 -122.502866 -0.439386
0.000893 -0.046110 -122.502866 -0.439386
0.75000 -0.046110 -122.502866 -0.439386
0.000893 -0.046110 -122.502866 -0.439386
1.00000 -0.046110 -122.502866 -0.439386
0.000893 -0.046110 -122.502866 -0.439386

COMB DL-G2-1 MAX

REL DIST P M2 M3 V3
0.00000 0.012151 0.857181 0.067229
0.12E-05 0.012151 0.857181 0.067229
0.25000 0.012151 0.857181 0.067229
0.12E-05 0.012151 0.857181 0.067229
0.50000 0.012151 0.857181 0.067229
0.12E-05 0.012151 0.857181 0.067229
0.75000 0.012151 0.857181 0.067229
0.12E-05 0.012151 0.857181 0.067229
1.00000 0.012151 0.857181 0.067229
0.12E-05 0.012151 0.857181 0.067229

COMB DL-G2-1 MIN

REL DIST P M2 M3 V3
0.00000 -0.051447 -0.277474 -0.119361
0.001253 -0.051447 -0.277474 -0.119361
0.25000 -0.051447 -0.277474 -0.119361
0.001253 -0.051447 -0.277474 -0.119361
0.50000 -0.051447 -0.277474 -0.119361
0.001253 -0.051447 -0.277474 -0.119361
0.75000 -0.051447 -0.277474 -0.119361
0.001253 -0.051447 -0.277474 -0.119361
1.00000 -0.051447 -0.277474 -0.119361
0.001253 -0.051447 -0.277474 -0.119361

COMB DL-G2-2 MAX

REL DIST P M2 M3 V3
0.00000 0.074164 15.088343 0.130112
2.66E-07 0.074164 15.088343 0.130112
0.25000 0.074164 15.088343 0.130112
2.66E-07 0.074164 15.088343 0.130112
0.50000 0.074164 15.088343 0.130112
2.66E-07 0.074164 15.088343 0.130112
0.75000 0.074164 15.088343 0.130112
2.66E-07 0.074164 15.088343 0.130112
1.00000 0.074164 15.088343 0.130112
2.66E-07 0.074164 15.088343 0.130112

COMB DL-G2-2 MIN

REL DIST P M2 M3 V3
0.00000 -0.053491 -138.167179 -0.243040
0.001487 -0.053491 -138.167179 -0.243040
0.25000 -0.053491 -138.167179 -0.243040
0.001487 -0.053491 -138.167179 -0.243040
0.50000 -0.053491 -138.167179 -0.243040
0.001487 -0.053491 -138.167179 -0.243040
0.75000 -0.053491 -138.167179 -0.243040
0.001487 -0.053491 -138.167179 -0.243040
1.00000 -0.053491 -138.167179 -0.243040
0.001487 -0.053491 -138.167179 -0.243040

COMB DL-G2-3 MAX

REL DIST P M2 M3 V3
0.00000 0.113536 14.578825 0.252622
0.000852 0.113536 14.578825 0.252622
0.25000 0.113536 14.578825 0.252622
0.000852 0.113536 14.578825 0.252622
0.50000 0.113536 14.578825 0.252622
0.000852 0.113536 14.578825 0.252622
0.75000 0.113536 14.578825 0.252622
0.000852 0.113536 14.578825 0.252622
1.00000 0.113536 14.578825 0.252622
0.000852 0.113536 14.578825 0.252622

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 MIN

REL DIST P M2 M3 V3
0.00000 -0.053829 -125.573497 -0.397422
0.001339 -0.053829 -125.573497 -0.397422
0.25000 -0.053829 -125.573497 -0.397422
0.001339 -0.053829 -125.573497 -0.397422
0.50000 -0.053829 -125.573497 -0.397422
0.001339 -0.053829 -125.573497 -0.397422
0.75000 -0.053829 -125.573497 -0.397422
0.001339 -0.053829 -125.573497 -0.397422
1.00000 -0.053829 -125.573497 -0.397422
0.001339 -0.053829 -125.573497 -0.397422

-0.001339 -0.676553 -86.359638

COMB DB MAX

REL DIST P M2 M3 V3
0.00000 0.081353 16.042917 0.178997
0.001417 0.081353 16.042917 0.178997
0.25000 0.081353 16.042917 0.178997
0.001417 0.081353 16.042917 0.178997
0.50000 0.081353 16.042917 0.178997
0.001417 0.081353 16.042917 0.178997
0.75000 0.081353 16.042917 0.178997
0.001417 0.081353 16.042917 0.178997
1.00000 0.081353 16.042917 0.178997
0.001417 0.081353 16.042917 0.178997

COMB DB MIN

REL DIST P M2 M3 V3
0.00000 -0.059265 -167.383234 -0.284945
0.001480 -0.059265 -167.383234 -0.284945
0.25000 -0.059265 -167.383234 -0.284945
0.001480 -0.059265 -167.383234 -0.284945
0.50000 -0.059265 -167.383234 -0.284945
0.001480 -0.059265 -167.383234 -0.284945
0.75000 -0.059265 -167.383234 -0.284945
0.001480 -0.059265 -167.383234 -0.284945
1.00000 -0.059265 -167.383234 -0.284945
0.001480 -0.059265 -167.383234 -0.284945

COMB DL MAX

REL DIST P M2 M3 V3
0.00000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
0.25000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
0.50000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
0.75000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
1.00000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935

COMB DL MIN

REL DIST P M2 M3 V3
0.00000 -0.053829 -149.514262 -0.439386
0.001487 -0.053829 -149.514262 -0.439386
0.25000 -0.053829 -149.514262 -0.439386
0.001487 -0.053829 -149.514262 -0.439386
0.50000 -0.053829 -149.514262 -0.439386
0.001487 -0.053829 -149.514262 -0.439386
0.75000 -0.053829 -149.514262 -0.439386
0.001487 -0.053829 -149.514262 -0.439386
1.00000 -0.053829 -149.514262 -0.439386
0.001487 -0.053829 -149.514262 -0.439386

COMB CAR MAX

REL DIST P M2 M3 V3
0.00000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
0.25000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
0.50000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
0.75000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
1.00000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935

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FRAME ELEMENT INTERNAL FORCES

COMB CAR MIN

REL DIST P M2 M3 V3
0.00000 -0.059265 -167.383234 -0.439386
0.001487 -0.059265 -167.383234 -0.439386
0.25000 -0.059265 -167.383234 -0.439386
0.001487 -0.059265 -167.383234 -0.439386
0.50000 -0.059265 -167.383234 -0.439386
0.001487 -0.059265 -167.383234 -0.439386
0.75000 -0.059265 -167.383234 -0.439386
0.001487 -0.059265 -167.383234 -0.439386
1.00000 -0.059265 -167.383234 -0.439386
0.001487 -0.059265 -167.383234 -0.439386

COMB DESIGN MAX

REL DIST P M2 M3 V3
0.00000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
0.25000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
0.50000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
0.75000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935
1.00000 0.123368 16.253583 0.291935
0.001439 0.123368 16.253583 0.291935

COMB DESIGN MIN

REL DIST P M2 M3 V3
0.00000 -0.059265 -167.383234 -0.439386
0.001487 -0.059265 -167.383234 -0.439386
0.25000 -0.059265 -167.383234 -0.439386
0.001487 -0.059265 -167.383234 -0.439386
0.50000 -0.059265 -167.383234 -0.439386
0.001487 -0.059265 -167.383234 -0.439386
0.75000 -0.059265 -167.383234 -0.439386
0.001487 -0.059265 -167.383234 -0.439386
1.00000 -0.059265 -167.383234 -0.439386
0.001487 -0.059265 -167.383234 -0.439386

ELEM 244 LENGTH 5.036085

COMB DB-G1-1 MAX

REL DIST P M2 M3 V3
0.00000 0.023956 0.797038 0.111382
0.001199 0.023956 0.797038 0.111382
0.25000 0.023956 0.797038 0.111382
0.001199 0.023956 0.797038 0.111382
0.50000 0.023956 0.797038 0.111382
0.001199 0.023956 0.797038 0.111382
0.75000 0.023956 0.797038 0.111382
0.001199 0.023956 0.797038 0.111382
1.00000 0.023956 0.797038 0.111382
0.001199 0.023956 0.797038 0.111382

COMB DB-G1-1 MIN

REL DIST P M2 M3 V3
0.00000 -0.028242 -0.232440 -0.143988
0.001199 -0.028242 -0.232440 -0.143988
0.25000 -0.028242 -0.232440 -0.143988
0.001199 -0.028242 -0.232440 -0.143988
0.50000 -0.028242 -0.232440 -0.143988
0.001199 -0.028242 -0.232440 -0.143988
0.75000 -0.028242 -0.232440 -0.143988
0.001199 -0.028242 -0.232440 -0.143988
1.00000 -0.028242 -0.232440 -0.143988
0.001199 -0.028242 -0.232440 -0.143988

COMB DB-G1-2 MAX

REL DIST P M2 M3 V3
0.00000 0.023956 0.797038 0.111382
0.001199 0.023956 0.797038 0.111382
0.25000 0.023956 0.797038 0.111382
0.001199 0.023956 0.797038 0.111382
0.50000 0.023956 0.797038 0.111382
0.001199 0.023956 0.797038 0.111382
0.75000 0.023956 0.797038 0.111382
0.001199 0.023956 0.797038 0.111382
1.00000 0.023956 0.797038 0.111382
0.001199 0.023956 0.797038 0.111382

0.00000 0.054119 10.787108 0.161055

0.001405 0.0407161 24.295872 0.161055

0.25000 0.054119 10.787108 0.161055

0.001405 0.054119 10.787108 0.161055

0.50000 0.054119 10.787108 0.161055

0.001405 0.054119 10.787108 0.161055

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.75000 0.054119 119.990204 0.161055
0.001405 0.297621 91.404314 0.161055
1.00000 0.054119 168.007900 0.161055
0.001405 0.525827 24.294945 0.161055

COMB DB-G1-2 MIN

REL DIST P M2 M3 V3
0.00000 -0.029287 -166.135043 -0.246176
0.001272 -0.029287 -166.135043 -0.246176
0.25000 -0.029287 -166.135043 -0.246176
0.001272 -0.029287 -166.135043 -0.246176
0.50000 -0.029287 -166.135043 -0.246176
0.001272 -0.029287 -166.135043 -0.246176
0.75000 -0.029287 -166.135043 -0.246176
0.001272 -0.029287 -166.135043 -0.246176
1.00000 -0.029287 -166.135043 -0.246176
0.001272 -0.029287 -166.135043 -0.246176

COMB DB-G1-3 MAX

REL DIST P M2 M3 V3
0.00000 0.076314 9.876506 0.189331
0.001272 0.076314 9.876506 0.189331
0.25000 0.076314 9.876506 0.189331
0.001272 0.076314 9.876506 0.189331
0.50000 0.076314 9.876506 0.189331
0.001272 0.076314 9.876506 0.189331
0.75000 0.076314 9.876506 0.189331
0.001272 0.076314 9.876506 0.189331
1.00000 0.076314 9.876506 0.189331
0.001272 0.076314 9.876506 0.189331

COMB DB-G1-3 MIN

REL DIST P M2 M3 V3
0.00000 -0.043338 -138.075070 -0.275611
0.000945 -0.043338 -138.075070 -0.275611
0.25000 -0.043338 -138.075070 -0.275611
0.000945 -0.043338 -138.075070 -0.275611
0.50000 -0.043338 -138.075070 -0.275611
0.000945 -0.043338 -138.075

-0.001515 -0.441920 -82.946241

COMB DL-G2-3 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	0.128637	9.431525	0.294022	
0.000872	0.727212	19.605241	0.294022	
0.25000	0.128637	28.823312	0.294022	
0.000872	0.373775	63.342634	0.294022	
0.50000	0.128637	124.717691	0.294022	
0.000872	0.057636	84.058319	0.294022	
0.75000	0.128637	96.956056	0.294022	
0.000872	0.513457	57.280339	0.294022	
1.00000	0.128637	124.717691	0.294022	
0.000872	0.103131	17.619412	0.294022	

COMB DL-G2-3 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-0.044171	-124.965892	-0.411462	
0.001364	-1.068907	-86.315592	-0.411462	
0.25000	-0.044171	-93.294526	-0.411462	
-0.001364	-0.549391	-40.999612	-0.411462	
0.50000	-0.044171	-57.653434	-0.411462	
-0.001364	-0.284267	-39.911818	-0.411462	
0.75000	-0.044171	-25.731685	-0.411462	
-0.001364	-0.391475	-31.591597	-0.411462	
1.00000	-0.044171	-13.275604	-0.411462	
-0.001364	-0.757023	-81.504865	-0.411462	

COMB DB ----- MAX

REL DIST	P	M2	M3	V3
0.00000	0.080117	10.787108	0.189331	
0.001405	0.021179	24.362980	0.189331	
0.25000	0.080117	42.784003	0.189331	
0.001405	0.239474	103.303834	0.189331	
0.50000	0.080117	84.188502	0.189331	
0.001405	0.053961	103.727691	0.189331	
0.75000	0.080117	119.990204	0.189331	
0.001405	0.332595	91.404314	0.189331	
1.00000	0.080117	168.007900	0.189331	
0.001405	0.658690	24.294945	0.189331	

COMB DB ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-0.043338	-166.135043	-0.275611	
0.001473	-0.736189	-114.538146	-0.275611	
0.25000	-0.043338	-45.228311	-0.275611	
-0.001473	-0.389598	-85.011829	-0.275611	
0.50000	-0.043338	-36.927474	-0.275611	
0.001473	-0.059101	-39.911818	-0.275611	
-0.001473	-0.242099	-29.445634	-0.275611	
0.75000	-0.043338	-16.320941	-0.275611	
1.00000	-0.043338	-11.915805	-0.275611	
0.001473	-0.480308	-13.275604	-0.275611	

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FRAME ELEMENT INTERNA

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COMB DL ----- MAX

REL DIST	P	M2	M3	V3
0.00000	0.128637	10.103549	0.328761	
0.001495	0.817668	19.605241	0.328761	
0.25000	0.128637	39.911818	0.328761	
0.001495	0.420223	71.587498	0.328761	
0.50000	0.128637	72.638761	0.328761	
0.001495	0.065166	96.927691	0.328761	
0.75000	0.128637	114.580174	0.328761	
0.001495	0.558599	65.121753	0.328761	
1.00000	0.128637	149.701621	0.328761	
0.001495	1.103681	17.930620	0.328761	

COMB DL ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-0.054971	-148.892470	-0.449510	
-0.001515	-1.163227	-96.756766	-0.449510	
0.25000	-0.054971	-111.086931	-0.449510	
-0.001515	-0.599211	-45.228311	-0.449510	
0.50000	-0.054971	-68.542866	-0.449510	
0.001515	-0.065736	-36.927474	-0.449510	
-0.001515	-0.242099	-29.445634	-0.449510	
0.75000	-0.054971	-16.320941	-0.449510	
-0.001515	-0.431904	-31.591597	-0.449510	
1.00000	-0.054971	-15.569865	-0.449510	

COMB CAR ----- MAX

REL DIST	P	M2	M3	V3
0.00000	0.128637	10.787108	0.328761	
0.001495	0.817668	24.362980	0.328761	
0.25000	0.128637	42.784003	0.328761	
0.001495	0.420223	103.303834	0.328761	
0.50000	0.128637	84.188502	0.328761	
0.001495	0.065166	130.727691	0.328761	
0.75000	0.128637	119.990204	0.328761	
0.001495	0.558599	91.404314	0.328761	
1.00000	0.128637	168.007900	0.328761	
0.001495	1.103681	24.294945	0.328761	

COMB CAR ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-0.054971	-166.135043	-0.449510	
-0.001515	-1.163227	-114.538146	-0.449510	
0.25000	-0.054971	-124.726913	-0.449510	
-0.001515	-0.599211	-45.228311	-0.449510	
0.50000	-0.054971	-85.011829	-0.449510	
-0.001515	-0.065736	-36.927474	-0.449510	
0.75000	-0.054971	-44.735265	-0.449510	
-0.001515	-0.431904	-31.591597	-0.449510	
1.00000	-0.054971	-16.320941	-0.449510	
-0.001515	-0.841280	-101.915805	-0.449510	

COMB DESIGN ----- MAX

REL DIST	P	M2	M3	V3
0.00000	0.128637	10.787108	0.328761	
0.001495	0.817668	24.362980	0.328761	
0.25000	0.128637	42.784003	0.328761	
0.001495	0.420223	103.303834	0.328761	
0.50000	0.128637	84.188502	0.328761	
0.001495	0.065166	130.727691	0.328761	
0.75000	0.128637	119.990204	0.328761	
0.001495	0.558599	91.404314	0.328761	
1.00000	0.128637	168.007900	0.328761	
0.001495	1.103681	24.294945	0.328761	

COMB DESIGN ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-0.054971	-166.135043	-0.449510	
-0.001515	-1.163227	-114.538146	-0.449510	
0.25000	-0.054971	-124.726913	-0.449510	
-0.001515	-0.599211	-45.228311	-0.449510	
0.50000	-0.054971	-85.011829	-0.449510	
-0.001515	-0.065736	-36.927474	-0.449510	
0.75000	-0.054971	-44.735265	-0.449510	
-0.001515	-0.431904	-31.591597	-0.449510	
1.00000	-0.054971	-16.320941	-0.449510	
-0.001515	-0.841280	-101.915805	-0.449510	

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FRAME ELEMENT INTERNA

L FORCES

ELEM 245 ----- LENGTH

COMB DB-G1-1 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	0.005794	0.686459	0.198551	
0.001012	0.357421	1.370122	0.198551	
0.25000	0.005794	0.711584	0.198551	
0.001012	0.182611	1.373436	0.198551	
0.50000	0.005794	0.739261	0.198551	
0.001012	0.005794	0.765498	0.198551	
0.001012	0.204766	1.313921	0.198551	
1.00000	0.005794	0.785921	0.198551	
0.001012	0.422726	1.256448	0.198551	

COMB DB-G1-1 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-0.038476	-0.215451	-0.247612	
0.000566	-0.443308	-3.856122	-0.247612	
0.25000	-0.038476	-0.196134	-0.247612	
-0.000566	-0.231341	-3.743350	-0.247612	
0.50000	-0.038476	-0.170325	-0.247612	
-0.000566	-0.013612	-3.650126	-0.247612	
0.75000	-0.038476	-0.170479	-0.247612	
-0.000566	-0.167040	-3.578239	-0.247612	
1.00000	-0.038476	-1.18076	-0.247612	
-0.000566	-0.341841	-3.527519	-0.247612	

COMB DB-G1-2 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	0.028256	16.963668	0.310937	
0.001195	0.553929	24.313089	0.310937	
0.25000	0.028256	49.340612	0.310937	
0.001195	0.280263	81.301181	0.310937	
0.50000	0.028256	85.026039	0.310937	
0.001195	0.057396	99.643746	0.310937	
0.75000	0.028256	127.854758	0.310937	
0.001195	0.322497	76.932346	0.310937	
1.00000	0.028256	145.170458	0.310937	
0.001195	0.661150	23.606695	0.310937	

COMB DB-G1-2 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-0.040160	-151.528378	-0.403438	
-0.000688	-0.771560	-101.931172	-0.403438	
0.25000	-0.040160	-126.628777	-0.403438	
-0.000688	-0.416360	-54.820870	-0.403438	
0.50000	-0.040160	-93.360285	-0.403438	
-0.000688	-0.078434	-46.585849	-0.403438	
0.75000	-0.040160	-54.889104	-0.403438	
-0.000688	-0.279341	-38.481258	-0.403438	
1.00000	-0.040160	-26.011274	-0.403438	
-0.000688	-0.541109	-71.321280	-0.403438	

COMB DB-G1-3 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	0.058098	14.925909	0.388968	
0.001489	0.687365	21.405852	0.388968	
0.25000	0.058098	41.812213	0.388968	
0.001489	0.344973	68.703280	0.388968	
0.50000	0.058098	71.429823	0.388968	
0.001489	0.049533	83.913754	0.388968	
0.75000	0.058098	100.575778	0.388968	
0.001489	0.964006	65.023965	0.388968	
1.00000	0.058098	121.360243	0.388968	
0.001489	0.750694	20.790802	0.388968	

COMB DB-G1-3 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	-0.039052	-126.056378	-0.454793	
-0.001374	-0.860850	-88.21816	-0.454793	
0.25000	-0.039052	-105.385267	-0.454793	
-0.001374	-0.460441	-49.035554	-0.454793	
0.50000	-0.039052	-42.132820	-0.454793	
-0.001374	-0.074593	-42.132820	-0.454793	
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FRAME ELEMENT INTERNA

L FORCES

COMB DL-G1-1 ----- MAX

REL DIST	P	M2	M3	V3
0.00000	-0.039052	-45.828537	-0.454793	
-0.001374	-0.349972	-35.338379	-0.454793	
0.25000	-0.039052	-21.854795	-0.454793	
-0.001374	-0.682478	-62.535239	-0.454793	

COMB DL-G1-1 ----- MIN

REL DIST	P	M2	M3	V3
0.00000	0.034945	0.605746	0.131718	
0.000531	0.228263	1.370122	0.131718	
0.25000	0.034945	0.630871	0.131718	
0.000531	0.112268	1.306120	0.131718	
0.50000	0.034945	0.658549		

-0.001511	-1.225435	-73.040335	
COMB DESIGN		MAX	
REL DIST	P	V2	V3
0.00000	0.141935	16.963686	0.693820
0.001489	1.223126	24.313089	0.693820
0.25000	0.141935	49.349844	0.693820
0.001489	0.617206	81.301181	0.693820
0.50000	0.141935	85.026090	0.693820
0.001489	0.057386	99.643746	0.693820
0.75000	0.141935	120.134103	0.693820
0.001489	0.671305	76.932346	0.693820
1.00000	0.141935	145.170400	0.693820
0.001489	1.368767	23.606695	0.693820
COMB DESIGN		MIN	
REL DIST	P	V2	V3
0.00000	0.141935	16.963686	0.693820
-0.001511	-0.069785	-151.520378	-0.807191
0.25000	-0.069785	-126.628777	-0.807191
-0.001511	-0.773552	-54.208070	-0.807191
0.50000	-0.069785	-93.360295	-0.807191
-0.001511	-0.197624	-46.588499	-0.807191
0.75000	-0.069785	-50.736100	-0.807191
-0.001511	-0.621413	-40.976345	-0.807191
1.00000	-0.069785	-26.014274	-0.807191
-0.001511	-1.225435	-73.040335	
ELEM	246	LENGTH	
	3.521050		
COMB DB-G1-1		MAX	
REL DIST	P	V2	V3
0.00000	0.006725	0.120931	0.190201
0.000576	0.331496	1.267231	0.190201
0.25000	0.006725	0.143336	0.190201
0.000576	0.164082	1.248623	0.190201
0.50000	0.006725	0.173181	0.190201
0.000576	0.003951	1.213773	0.190201
0.75000	0.006725	0.190201	0.190201
0.000576	0.198001	1.155854	0.190201
1.00000	0.006725	0.218305	0.190201
0.000576	0.395879	1.152221	0.190201
COMB DB-G1-1		MIN	
REL DIST	P	V2	V3
0.00000	-0.039018	-0.785288	-0.224823
-0.001013	-0.395808	-3.558331	-0.224823
0.25000	-0.039018	-0.785864	-0.224823
-0.001013	-0.197624	-3.558331	-0.224823
0.50000	-0.039018	-0.786331	-0.224823
-0.001013	-0.011277	-3.585294	-0.224823
0.75000	-0.039018	-0.710955	-0.224823
-0.001013	-0.170795	-3.700701	-0.224823
1.00000	-0.039018	-0.685830	-0.224823
-0.001013	-0.338222	-3.785129	-0.224823
COMB DB-G1-2		MAX	
REL DIST	P	V2	V3
0.00000	0.029488	26.019054	0.333460
0.000688	0.549763	23.620550	0.333460
0.25000	0.029488	54.899131	0.333460
0.000688	0.273058	76.851040	0.333460
0.50000	0.029488	93.369753	0.333460
0.000688	0.053241	99.440175	0.333460
Program	SAP2000	Nonlinear	Version 7.42
File:	상행S11-S1503.OUT		
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FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	V2	V3
0.75000	0.029488	126.635362	0.333460
0.000688	0.029488	101.029488	0.333460
1.00000	0.029488	151.534806	0.333460
0.000688	0.598965	24.029944	0.333460
COMB DB-G1-2		MIN	
REL DIST	P	V2	V3
0.00000	-0.040735	-145.171212	-0.341962
-0.001198	-0.605125	-71.356896	-0.341962
0.25000	-0.040735	-120.133852	-0.341962
-0.001198	-0.316317	-38.405859	-0.341962
0.50000	-0.040735	-85.030823	-0.341962
-0.001198	-0.075871	-46.509993	-0.341962
0.75000	-0.040735	-49.356666	-0.341962
-0.001198	-0.342447	-54.745318	-0.341962
1.00000	-0.040735	-16.970424	-0.341962
-0.001198	-0.635968	-101.852873	-0.341962
COMB DB-G1-3		MAX	
REL DIST	P	V2	V3
0.00000	0.060093	21.860340	0.428376
0.001373	0.001780	20.730480	0.428376
0.25000	0.060093	45.835957	0.428376
0.001373	0.350069	64.896421	0.428376
0.50000	0.060093	77.773437	0.428376
0.001373	0.048177	83.686644	0.428376
0.75000	0.060093	105.389829	0.428376
0.001373	0.333935	68.245851	0.428376
1.00000	0.060093	126.060810	0.428376
0.001373	0.866356	21.144645	0.428376
COMB DB-G1-3		MIN	
REL DIST	P	V2	V3
0.00000	-0.039979	-121.360909	-0.380834
-0.001489	-0.677240	-62.593650	-0.380834
0.25000	-0.039979	-100.575434	-0.380834
-0.001489	-0.352149	-35.209809	-0.380834
0.50000	-0.039979	-71.433208	-0.380834
-0.001489	-0.073468	-42.000290	-0.380834
0.75000	-0.039979	-41.817440	-0.380834
-0.001489	-0.427711	-48.899636	-0.380834
1.00000	-0.039979	-14.931301	-0.380834
-0.001489	-0.804780	-88.069856	-0.380834
COMB DB-G2-1		MAX	
REL DIST	P	V2	V3
0.00000	0.036101	0.146220	0.154674
0.000988	0.261441	1.192877	0.154674
0.25000	0.036101	0.168625	0.154674
0.000988	0.125301	1.182854	0.154674
0.50000	0.036101	0.198470	0.154674
0.000988	0.005183	1.154478	0.154674
0.75000	0.036101	0.225777	0.154674
0.000988	0.116985	1.100716	0.154674
1.00000	0.036101	0.243594	0.154674
0.000988	0.282773	1.067651	0.154674
COMB DB-G2-1		MIN	
REL DIST	P	V2	V3
0.00000	-0.006238	-0.705553	-0.126976
-0.000531	-0.218315	-3.402374	-0.126976
0.25000	-0.006238	-0.686129	-0.126976
-0.000531	-0.106538	-3.361860	-0.126976
0.50000	-0.006238	-0.658986	-0.126976
-0.000531	-0.010555	-3.444870	-0.126976
0.75000	-0.006238	-0.631220	-0.126976
-0.000531	-0.074029	-3.528555	-0.126976
1.00000	-0.006238	-0.606095	-0.126976
-0.000531	-0.283183	-3.642122	-0.126976
COMB DB-G2-2		MAX	

REL DIST	P	V2	V3
0.00000	0.068584	24.252849	0.303348
0.001224	0.088615	22.153721	0.303348
Program	SAP2000	Nonlinear	Version 7.42
File:	상행S11-S1503.OUT		
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FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	V2	V3
0.25000	0.068584	51.250904	0.303348
0.001224	0.237322	71.937933	0.303348
0.50000	0.068584	87.214518	0.303348
0.001224	0.051372	93.058754	0.303348
0.75000	0.068584	119.312315	0.303348
0.001224	0.192782	75.811407	0.303348
1.00000	0.068584	141.589142	0.303348
0.001224	0.381536	22.480864	0.303348
COMB DB-G2-2		MIN	
REL DIST	P	V2	V3
0.00000	-0.006790	-135.684507	-0.214503
-0.000649	-0.373739	-67.059045	-0.214503
0.25000	-0.006790	-112.278752	-0.214503
-0.000649	-0.196234	-38.217037	-0.214503
0.50000	-0.006790	-79.462731	-0.214503
-0.000649	-0.071836	-43.854457	-0.214503
0.75000	-0.006790	-46.113889	-0.214503
-0.000649	-0.323296	-51.752028	-0.214503
1.00000	-0.006790	-15.830619	-0.214503
-0.000649	-0.590321	-95.606836	-0.214503
COMB DB-G2-3		MAX	
REL DIST	P	V2	V3
0.00000	0.075011	22.897111	0.409384
0.001511	0.676839	21.592435	0.409384
0.25000	0.075011	48.063054	0.409384
0.001511	0.331142	67.957954	0.409384
0.50000	0.075011	87.868339	0.409384
0.001511	0.050894	87.605674	0.409384
0.75000	0.075011	110.572081	0.409384
0.001511	0.315521	71.489581	0.409384
1.00000	0.075011	132.268787	0.409384
0.001511	0.628488	22.094724	0.409384
COMB DB-G2-3		MIN	
REL DIST	P	V2	V3
0.00000	-0.023932	-127.225483	-0.355562
-0.001310	-0.623567	-65.85541	-0.355562
0.25000	-0.023932	-105.408601	-0.355562
-0.001310	-0.321114	-36.503734	-0.355562
0.50000	-0.023932	-74.820293	-0.355562
-0.001310	-0.075889	-43.622740	-0.355562
0.75000	-0.023932	-43.735261	-0.355562
-0.001310	-0.417717	-50.856013	-0.355562
1.00000	-0.023932	-15.514675	-0.355562
-0.001310	-0.774708	-91.961491	-0.355562
COMB DL-G1-1		MAX	
REL DIST	P	V2	V3
0.00000	0.011230	0.213204	0.395844
0.000568	0.692432	0.552333	0.395844
0.25000	0.011230	0.213204	0.395844
0.000568	0.334088	2.526264	0.395844
0.50000	0.011230	0.235734	0.395844
0.000568	0.005774	2.526265	0.395844
0.75000	0.011230	0.255058	0.395844
0.000568	0.358941	2.537170	0.395844
1.00000	0.011230	0.272474	0.395844
0.000568	0.715230	2.638719	0.395844
COMB DL-G1-1		MIN	
REL DIST	P	V2	V3
0.00000	-0.070360	-8.335452	-0.404402
-0.001052	-0.708031	-8.724414	-0.404402
0.25000	-0.070360	-8.335452	-0.404402
-0.001052	-0.351701	-3.533677	-0.404402
0.50000	-0.070360	-8.00297	-0.404402
-0.001052	-0.017739	-8.020152	-0.404402
0.75000	-0.070360	-8.01445	-0.404402
-0.001052	-0.036079	-7.745312	-0.404402
1.00000	-0.070360	-7.72066	-0.404402
-0.001052	-0.011448	-7.527869	-0.404402
Program	SAP2000	Nonlinear	Version 7.42
File:	상행S11-S1503.OUT		
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FRAME ELEMENT INTERNAL FORCES			
COMB DL-G1-2		MAX	
REL DIST	P	V2	V3
0.00000	0.071917	24.945470	0.636617
0.000628	1.04877	17.645673	0.636617
0.25000	0.071917	34.530202	0.636617
0.000628	0.531440	50.656477	0.636617
0.50000	0.071917	69.902869	0.636617
0.000628	0.051206	70.166563	0.636617
0.75000	0.071917	108.454847	0.636617
0.000628	0.561938	53.259494	0.636617
1.00000	0.071917	143.199658	0.636617
0.000628	1.108605	17.778462	0.636617
COMB DL-G1-2		MIN	
REL DIST	P	V2	V3
0.00000	-0.070249	-141.901123	-0.627267
-0.001227	-1.105549	-73.003181	-0.627267
0.25000	-0.070249	-109.66671	-0.627267
-0.001227	-0.581139	-37.089399	-0.627267
0.50000	-0.070249	-71.766606	-0.627267
-0.001227	-0.074538	-46.317850	-0.627267
0.75000	-0.070249	-35.330539	-0.627267
-0.001227	-0.621373	-54.621400	-0.627267
1.00000	-0.070249	-15.446577	-0.627267
-0.001227	-1.180606	-88.879741	-0.627267
COMB DL-G1-3		MAX	
REL DIST	P	V2	V3
0.00000	0.126890	20.736859	0.765607
0.001302	1.294225	16.993077	0.765607
0.25000	0.126890	28.562200	0.765607
0.001302	0.634099	50.656477	0.765607
0.50000	0.126890	57.458952	0.765607
0.001302	0.049598	59.749415	0.765607
0.75000	0.126890	88.954988	0.765607
0.001302	0.660985	46.124140	0.765607
1.00000	0.126890	117.318177	0.765607
0.001302	1.305788	17.115650	0.765607
COMB DL-G1-3		MIN	
REL DIST	P	V2	V3
0.00000	-0.066741	-116.853836	-0.738169
-0.001465	-1.298757	-68.146382	-0.738169
0.25000	-0.066741	-90.815339	-0.738169
-0.001465	-0.074538	-46.317850	-0.738169
0.50000	-0.066741	-59.554463	-0.738169
-0.001465	-0.079800	-45.635114	-0.738169
0.75000	-0.066741	-29.786477	-0.738169
-0.001465	-0.738665	-95.940227	-0.738169
1.00000	-0.066741	-113.541437	-0.738169
-0.001465	-1.298757	-68.146382	-0.738169

REL DIST	P	M2	M3	V2	V3
0.75000	-0.044095	-36.442719	-0.181906		
0.001273	-0.354946	-41.018108			
1.00000	-0.044095	-9.879733	-0.181906		
-0.001273	-0.667801	-98.563761			
COMB DB-G2-1-----MAX					
REL DIST	P	M2	M3	V2	V3
0.00000	0.026159	0.124163	0.091085		
0.001190	0.223115	1.087337			
0.25000	0.026159	0.124163	0.091085		
0.001190	0.108561	1.135822			
0.50000	0.026159	0.174552	0.091085		
0.001190	0.004530	1.441344			
0.75000	0.026159	0.207314	0.091085		
0.001190	0.093761	2.122528	0.091085		
1.00000	0.026159	2.240394	0.091085		
0.001190	0.183073	2.824315			
COMB DB-G2-1-----MIN					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.030592	-0.853973	-0.071005		
-1.20E-05	-0.174174	-3.632715			
0.25000	-0.030592	-0.853973	-0.071005		
-1.20E-05	-0.094857	-3.080321			
0.50000	-0.030592	-0.788939	-0.071005		
-1.20E-05	-0.008112	-3.589953			
0.75000	-0.030592	-0.756917	-0.071005		
-2.0E-05	-0.20663	-3.500235			
1.00000	-0.030592	-0.731994	-0.071005		
-1.20E-05	-0.235226	-3.657828			
COMB DB-G2-2-----MAX					
REL DIST	P	M2	M3	V2	V3
0.00000	0.055724	15.265947	0.188124		
0.001474	0.441778	22.496932			
0.25000	0.055724	41.827386	0.188124		
0.001474	0.229043	78.247904			
0.50000	0.055724	79.479652	0.188124		
0.001474	0.055062	122.211124			
0.75000	0.055724	116.186370	0.188124		
0.001474	0.145120	96.664220			
1.00000	0.055724	155.324457	0.188124		
0.001474	0.275615	22.870334			
COMB DB-G2-2-----MIN					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.034057	-157.097525	-0.109005		
-4.46E-07	-0.272800	-95.602579			
0.25000	-0.034057	-112.199926	-0.109005		
-4.46E-07	-0.135712	-27.848240			
0.50000	-0.034057	-78.739044	-0.109005		
-4.46E-07	-0.055660	-34.835753			
0.75000	-0.034057	-40.024080	-0.109005		
-4.46E-07	-0.277817	-42.606398			
1.00000	-0.034057	-10.112495	-0.109005		
-4.46E-07	-0.514369	-107.387229			
COMB DB-G2-3-----MAX					
REL DIST	P	M2	M3	V2	V3
0.00000	0.081273	14.407565	0.248427		
0.001324	0.590835	22.105445			
0.25000	0.081273	39.165912	0.248427		
0.001324	0.299744	80.765968			
0.50000	0.081273	74.266157	0.248427		
0.001324	0.011012	15.540740			
0.75000	0.081273	108.477124	0.248427		
0.001324	0.222320	92.305981			
1.00000	0.081273	144.958369	0.248427		
0.001324	0.433694	24.296561			
COMB DB-G2-3-----MIN					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.042700	-147.223655	-0.173153		
-0.000870	-0.437410	-91.332445			
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F R A M E E L E M E N T I N T E R N A L F O R C E S					
REL DIST	P	M2	M3	V2	V3
0.25000	-0.042700	-105.373876	-0.173153		
-0.000870	-0.219623	-28.790016			
0.50000	-0.042700	-71.171126	-0.173153		
-0.000870	-0.057044	-31.315678			
0.75000	-0.042700	-38.097602	-0.173153		
-0.000870	-0.355780	-42.571310			
1.00000	-0.042700	-2.0116520	-0.173153		
-0.000870	-0.668165	-102.967058			
COMB DL-G1-1-----MAX					
REL DIST	P	M2	M3	V2	V3
0.00000	0.026913	0.181298	0.212265		
1.52E-05	0.526448	2.614139			
0.25000	0.026913	0.190412	0.212265		
1.52E-05	0.261467	2.665089			
0.50000	0.026913	0.209512	0.212265		
1.52E-05	0.004921	2.792220			
0.75000	0.026913	0.230838	0.212265		
1.52E-05	0.244711	3.276006			
1.00000	0.026913	0.249789	0.212265		
1.52E-05	0.493692	3.793957			
COMB DL-G1-1-----MIN					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.044788	-0.963873	-0.197571		
-0.001269	-0.499607	-7.507932			
0.25000	-0.044788	-0.946269	-0.197571		
-0.001269	-0.250696	-8.772076			
0.50000	-0.044788	-0.925246	-0.197571		
-0.001269	-0.012817	-6.201636			
0.75000	-0.044788	-0.905501	-0.197571		
-0.001269	-0.274330	-7.746980			
1.00000	-0.044788	-0.893897	-0.197571		
-0.001269	-0.540969	-5.425527			
COMB DL-G1-2-----MAX					
REL DIST	P	M2	M3	V2	V3
0.00000	0.091707	15.609899	0.352520		
3.05E-05	0.858941	17.772604			
0.25000	0.091707	30.480863	0.352520		
3.05E-05	0.929776	44.962699			
0.50000	0.091707	86.584208	0.352520		
3.05E-05	0.059454	96.702397			
0.75000	0.091707	111.130305	0.352520		
3.05E-05	0.395000	71.301474			
1.00000	0.091707	148.936721	0.352520		
3.05E-05	0.748529	18.257245			
COMB DL-G1-2-----MIN					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.043762	-149.687436	-0.299498		
-0.001449	-0.763853	-88.865565			
0.25000	-0.043762	-114.565829	-0.299498		
-0.001449	-0.391855	-30.026948			
0.50000	-0.043762	-72.625640	-0.299498		
-0.001449	-0.059039	-35.955609			
0.75000	-0.043762	-33.234748	-0.299498		
-0.001449	-0.483387	-42.356759			
1.00000	-0.043762	-10.084688	-0.299498		

-0.001449	-0.923539	-96.989997			
COMB DL-G1-3-----MAX					
REL DIST	P	M2	M3	V2	V3
0.00000	0.127501	13.011925	0.432249		
0.000938	0.055082	17.524534			
0.25000	0.127501	25.161431	0.432249		
0.000938	0.532936	55.904779			
0.127500	0.055082	56.291579	0.432249		
0.000938	0.056227	81.916952			
0.75000	0.127501	91.051419	0.432249		
0.000938	0.465443	61.698832			
0.127500	0.056227	121.938201	0.432249		
0.000938	0.902942	19.003757			
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F R A M E E L E M E N T I N T E R N A L F O R C E S					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.055445	-123.305823	-0.359928		
-0.001314	-0.912021	-79.941415			
0.25000	-0.055445	-94.611734	-0.359928		
-0.001314	-0.462703	-31.123500			
0.50000	-0.055445	-60.346915	-0.359928		
-0.001314	-0.063373	-35.382483			
0.75000	-0.055445	-28.164883	-0.359928		
-0.001314	-0.586142	-42.356759			
1.00000	-0.055445	-9.251411	-0.359928		
-0.001314	-1.127078	-84.419075			
COMB DL-G2-1-----MAX					
REL DIST	P	M2	M3	V2	V3
0.00000	0.037283	0.166105	0.148751		
0.001270	0.362986	2.401787			
0.25000	0.037283	0.173559	0.148751		
0.001270	0.759883	2.408781			
0.50000	0.037283	0.192658	0.148751		
0.001270	0.008338	2.643088			
0.75000	0.037283	0.213985	0.148751		
0.001270	0.160190	2.982571			
1.00000	0.037283	0.232455	0.148751		
0.001270	0.316500	0.506762			
COMB DL-G2-1-----MIN					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.033613	-0.907718	-0.124333		
-1.5E-05	-0.308886	-1.016227			
0.25000	-0.033613	-0.890113	-0.124333		
-1.5E-05	-0.152332	-6.569323			
0.50000	-0.033613	-0.869091	-0.124333		
-1.5E-05	-0.016252	-6.813270			
0.75000	-0.033613	-0.849346	-0.124333		
-1.5E-05	-0.198483	-5.778810			
1.00000	-0.033613	-0.837742	-0.124333		
-1.5E-05	-0.385569	-5.565165			
COMB DL-G2-2-----MAX					
REL DIST	P	M2	M3	V2	V3
0.00000	0.106706	14.419790	0.280430		
0.001516	0.673990	16.125255			
0.25000	0.106706	28.165182	0.280430		
0.001516	0.345189	60.268385			
0.50000	0.106706	63.384515	0.280430		
0.001516	0.059446	89.670239			
0.75000	0.106706	102.710120	0.280430		
0.001516	0.290482	66.241430			
1.00000	0.106706	137.655209	0.280430		
0.001516	0.541979	17.221600			
COMB DL-G2-2-----MIN					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.034227	-138.430934	-0.214129		
-2.75E-07	-0.540536	-83.047928			
0.25000	-0.034227	-106.676553	-0.214129		
-2.75E-07	-0.276064	-25.757848			
0.50000	-0.034227	-67.201885	-0.214129		
-2.75E-07	-0.060940	-33.943421			
0.75000	-0.034227	-39.945900	-0.214129		
-2.75E-07	-0.395566	-39.789877			

-0.001227 -0.515774 -4.507107
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.108724 15.302229 0.346144
2.93E-05 0.889173 18.212206 0.346144
0.25000 0.108724 32.176033 0.346144
2.93E-05 0.474020 71.251982 0.346144
0.50000 0.108724 70.605282 0.346144
2.93E-05 0.077454 101.481062 0.346144
0.75000 0.108724 112.553516 0.346144
2.93E-05 0.358691 74.190783 0.346144
1.00000 0.108724 149.538001 0.346144
2.93E-05 0.653814 22.598386 0.346144

COMB DL-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.018053 -151.065244 -0.268400
-0.001393 -0.718846 -97.020544 -0.268400
0.25000 -0.018053 -114.237729 -0.268400
-0.001393 -0.382930 -46.062960 -0.268400
0.50000 -0.018053 -72.308344 -0.268400
-0.001393 -0.058390 -40.010829 -0.268400
0.75000 -0.018053 -33.785521 -0.268400
-0.001393 -0.035891 -24.029683 -0.268400
1.00000 -0.018053 -16.229467 -0.268400
-0.001393 -0.878302 -95.459002 -0.268400

COMB DL-G1-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.124385 12.876032 0.433484
0.000894 1.109134 18.640034 0.433484
0.25000 0.124385 26.661853 0.433484
0.000894 0.580821 62.285805 0.433484
0.50000 0.124385 58.0560 70.605282 0.433484
0.000894 0.075478 82.321607 0.433484
0.75000 0.124385 92.329652 0.433484
0.000894 0.414575 65.623383 0.433484
1.00000 0.124385 122.545698 0.433484
0.000894 0.816675 24.355896 0.433484

COMB DL-G1-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.044489 -124.432182 -0.332637
-0.001260 -0.875078 -94.344379 -0.332637
0.25000 -0.044489 -94.344379 -0.332637
-0.001260 -0.457983 -37.451667 -0.332637
0.50000 -0.044489 -60.986387 -0.332637
-0.001260 -0.035891 -31.144228 -0.332637
0.75000 -0.044489 -28.615530 -0.332637
-0.001260 -0.552520 -37.150479 -0.332637
1.00000 -0.044489 -14.272366 -0.332637
-0.001260 -1.093208 -82.276162 -0.332637

COMB DL-G2-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.012154 0.242905 0.158407
0.001254 0.400581 4.644417 0.158407
0.001254 0.012154 0.242905 0.158407
0.001254 0.201381 3.719484 0.158407
0.50000 0.012154 0.270626 0.158407
0.001254 0.011634 0.201381 0.158407
0.75000 0.012154 0.291653 0.158407
0.001254 0.157978 4.616934 0.158407
1.00000 0.012154 0.310191 0.158407
0.001254 0.316372 5.313453 0.158407

COMB DL-G2-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.053894 -0.920029 -0.126053
-1.12E-05 -0.317939 -5.808093 -0.126053
0.25000 -0.053894 -0.901566 -0.126053
-1.12E-05 -0.159461 -1.56966 0.126053
0.50000 -0.053894 -0.880552 -0.126053
-1.12E-05 -0.010966 4.868334 -0.126053
0.75000 -0.053894 -0.400000 -0.126053
-1.12E-05 -0.198000 -4.425461 -0.126053
1.00000 -0.053894 -0.852442 -0.126053
-1.12E-05 -0.397088 -4.488660 -0.126053
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.073582 14.133889 0.289541
0.001488 0.737306 17.27571 0.289541
0.25000 0.073582 79.730623 0.289541
0.001488 0.392141 66.351268 0.289541
0.50000 0.073582 65.251096 0.289541
0.001488 0.072814 94.362487 0.289541
0.75000 0.073582 104.024391 0.289541
1.00000 0.073582 138.209459 0.289541
0.001488 0.509696 21.571254 0.289541

COMB DL-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.056209 -139.717010 -0.205654
-2.66E-07 -0.547084 -90.310121 -0.205654
0.25000 -0.056209 -105.676941 -0.205654
-2.66E-07 -0.294046 -37.601236 -0.205654
0.50000 -0.056209 -66.921159 -0.205654
-2.66E-07 -0.054378 -37.526363 -0.205654
0.75000 -0.056209 -31.314098 -0.205654
-2.66E-07 -0.346991 -37.709062 -0.205654
1.00000 -0.056209 -15.086849 -0.205654
-2.66E-07 -0.743790 -88.741650 -0.205654

COMB DL-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.114799 13.166864 0.417968
0.001340 1.067614 19.095365 0.417968
0.25000 0.114799 27.302798 0.417968
0.001340 0.596668 63.567688 0.417968
0.50000 0.114799 59.496684 0.417968
0.001340 0.076554 89.122332 0.417968
0.75000 0.114799 94.638581 0.417968
0.001340 0.392141 66.351268 0.417968
1.00000 0.114799 125.622125 0.417968
0.001340 0.776507 24.512052 0.417968

COMB DL-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.055188 -127.514830 -0.315348
-0.000853 -0.829119 -86.612897 -0.315348
0.25000 -0.055188 -96.662787 -0.315348
-0.000853 -0.434037 -38.497221 -0.315348
0.50000 -0.055188 -61.536811 -0.315348
-0.000853 -0.059175 -38.173680 -0.315348
0.75000 -0.055188 -29.264403 -0.315348
-0.000853 -0.536457 -38.189744 -0.315348
1.00000 -0.055188 -14.556919 -0.315348

-0.000853 -1.057309 -84.438460

COMB DB ----- MAX

REL DIST P M2 V2 V3
0.00000 0.082542 15.436348 0.255287
0.001481 0.656649 24.222438 0.255287
0.25000 0.082542 46.168615 0.255287
0.001481 0.347593 100.803264 0.255287
0.50000 0.082542 137.970767 0.255287
0.75000 0.082542 125.097930 0.255287
0.001481 0.215194 107.495953 0.255287
1.00000 0.082542 167.390700 0.255287
0.001481 0.433191 29.293390 0.255287

COMB DB ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.059717 -168.679955 -0.173927
-0.001417 -0.441982 -114.490346 -0.173927
0.25000 -0.059717 -125.946232 -0.173927
-0.001417 -0.231933 -44.299232 -0.173927
0.50000 -0.059717 -87.533196 -0.173927
-0.001417 -0.068368 -43.709989 -0.173927
0.75000 -0.059717 -46.998837 -0.173927
-0.001417 -0.340398 -44.946253 -0.173927
1.00000 -0.059717 -16.051018 -0.173927
-0.001417 -0.660618 -114.196688 -0.173927
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST P M2 V2 V3
0.00000 0.124385 15.302229 0.433484
0.001488 1.109134 19.095365 0.433484
0.25000 0.124385 32.176033 0.433484
0.001488 0.580821 71.251982 0.433484
0.50000 0.124385 70.605282 0.433484
0.001488 0.077454 101.481062 0.433484
0.75000 0.124385 112.553516 0.433484
0.001488 0.414575 74.190783 0.433484
1.00000 0.124385 149.538001 0.433484
0.001488 0.816675 24.512052 0.433484

COMB DL ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.056209 -151.065244 -0.332637
-0.001393 -0.875078 -94.344379 -0.332637
0.25000 -0.056209 -114.237729 -0.332637
-0.001393 -0.457983 -37.451667 -0.332637
0.50000 -0.056209 -72.308344 -0.332637
-0.001393 -0.035891 -40.010829 -0.332637
0.75000 -0.056209 -33.785521 -0.332637
-0.001393 -0.552520 -40.229683 -0.332637
1.00000 -0.056209 -16.229467 -0.332637
-0.001393 -1.093208 -82.276162 -0.332637

COMB CAR ----- MAX

REL DIST P M2 V2 V3
0.00000 0.124385 15.436348 0.433484
0.001488 1.109134 24.222438 0.433484
0.25000 0.124385 46.168615 0.433484
0.001488 0.580821 100.803264 0.433484
0.50000 0.124385 86.631123 0.433484
0.001488 0.077480 137.970767 0.433484
0.75000 0.124385 125.097930 0.433484
0.001488 0.414575 107.495953 0.433484
1.00000 0.124385 167.390700 0.433484
0.001488 0.816675 29.293390 0.433484

COMB CAR ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.059717 -168.679955 -0.332637
-0.001417 -0.875078 -114.490346 -0.332637
0.25000 -0.059717 -125.946232 -0.332637
-0.001417 -0.457983 -44.299232 -0.332637
0.50000 -0.059717 -87.533196 -0.332637
-0.001417 -0.068368 -43.709989 -0.332637
0.75000 -0.059717 -46.998837 -0.332637
-0.001417 -0.340398 -44.946253 -0.332637
1.00000 -0.059717 -16.051018 -0.332637
-0.001417 -0.660618 -114.196688 -0.332637

COMB DESIGN ----- MAX

REL DIST P M2 V2 V3
0.00000 0.124385 15.436348 0.433484
0.001488 1.109134 24.222438 0.433484
0.25000 0.124385 46.168615 0.433484
0.001488 0.580821 100.803264 0.433484
0.50000 0.124385 86.631123 0.433484
0.001488 0.077480 137.970767 0.433484
0.75000 0.124385 125.097930 0.433484
0.001488 0.414575 107.495953 0.433484
1.00000 0.124385 167.390700 0.433484
0.001488 0.816675 29.293390 0.433484

COMB DESIGN ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.059717 -168.679955 -0.332637
-0.001417 -0.875078 -114.490346 -0.332637
0.25000 -0.059717 -125.946232 -0.332637
-0.001417 -0.457983 -44.299232 -0.332637
0.50000 -0.059717 -87.533196 -0.332637
-0.001417 -0.068368 -43.709989 -0.332637
0.75000 -0.059717 -46.998837 -0.332637
-0.001417 -0.340398 -44.946253 -0.332637
1.00000 -0.059717 -16.051018 -0.332637
-0.001417 -0.660618 -114.196688 -0.332637
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FRAME ELEMENT INTERNAL FORCES

ELEM 249 ----- LENGTH = 5.030704

COMB DB-G1-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.045296 0.192155 0.087083
1.50E-05 0.221540 5.002046 0.087083
0.25000 0.045296 2.618551 0.087083
1.50E-05 0.113449 5.702075 0.087083
0.50000 0.045296 2.592906 0.087083
1.50E-05 0.016321 6.576920 0.087083
0.75000 0.045296 2.777737 0.087083
1.50E-05 0.103971 7.003093 0.087083
1.00000 0.045296 19.710775 0.087083
1.50E-05 0.212079 7.797712 0.087083

COMB DB-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.012803 -0.946074 -0.085994
-0.001055 -0.220566 -0.913151 -0.085994
0.25000 -0.012803 -0.913151 -0.085994
-0.001055 -0.112422 -3.178600 -0.085994
0.50000 -0.012803 -0.883366 -0.085994
-0.001055 -0.007913 -3.135707 -0.085994

0.75000 -0.012803 -0.851970 -0.085994
-0.001055 -0.107085 -3.094629 -0.085994
1.00000 -0.045984 -0.726722 -0.085994
-0.001055 -0.216612 -3.106618 -0.085994

COMB DB-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.074240 15.389345 0.170290
2.9E-05 0.458984 27.763798 0.170290
0.25000 0.074240 46.242661 0.170290
3.96E-05 0.252312 108.741001 0.170290
3.96E-05 0.074240 86.703207 0.170290
0.50000 0.074240 125.111359 0.170290
3.96E-05 0.157044 111.694703 0.170290
1.00000 0.074240 167.440332 0.170290
3.96E-05 0.307966 32.137506 0.170290

COMB DB-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.012911 -168.862098 -0.124776
-0.001244 -0.319768 -114.184763 -0.124776
0.25000 -0.012911 -126.427222 -0.124776
-0.001244 -0.172341 -44.068548 -0.124776
0.50000 -0.012911 -88.031314 -0.124776
-0.001244 -0.068479 -42.569339 -0.124776
0.75000 -0.012911 -47.525993 -0.124776
-0.001244 -0.235766 -43.478656 -0.124776
1.00000 -0.012911 -16.866375 -0.124776
-0.001244 -0.445986 -112.679389 -0.124776

COMB DB-G1-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.076624 12.980342 0.216016
0.000832 0.575724 28.646026 0.216016
0.25000 0.076624 38.394190 0.216016
0.000832 0.318221 86.145185 0.216016
0.50000 0.076624 72.183572 0.216016
0.000832 0.089491 124.433121 0.216016
0.75000 0.076624 106.619122 0.216016
1.00000 0.076624 139.209792 0.216016
0.000832 0.412012 34.669403 0.216016

COMB DB-G1-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.048961 -141.124040 -0.165262
-0.001115 -0.419418 -97.820792 -0.165262
0.25000 -0.048961 105.895255 -0.165262
-0.001115 -0.219450 -56.660174 -0.165262
0.50000 -0.048961 -74.020067 -0.165262
-0.001115 -0.061059 -38.319749 -0.165262
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.75000 -0.048961 -40.424145 -0.165262
-0.001115 -0.281980 -38.984913 -0.165262
1.00000 -0.048961 -14.791038 -0.165262
-0.001115 -0.549881 -96.388139 -0.165262

COMB DB-G2-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.001900 0.181946 0.076952
0.001032 0.202625 4.909430 0.076952
0.25000 0.001900 0.205881 0.076952
0.001032 0.101336 5.68107 0.076952
0.50000 0.001900 2.232720 0.076952
0.001032 0.015811 5.955304 0.076952
0.75000 0.001900 0.267067 0.076952
0.001032 0.102261 6.640423 0.076952
1.00000 0.001900 2.99906 0.076952
0.001032 0.203009 7.345797 0.076952

COMB DB-G2-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.058765 -0.877714 -0.080082
-1.10E-05 -0.199860 -3.152653 -0.080082
0.25000 -0.058765 -0.844183 -0.080082
-1.10E-05 -0.099135 -0.3051837 -0.080082
0.50000 -0.058765 -0.814395 -0.080082
-1.10E-05 -0.007237 -3.004295 -0.080082
0.75000 -0.058765 -0.783000 -0.080082
-1.10E-05 -0.095019 -2.958539 -0.080082
1.00000 -0.058765 -44.90477 2.965805 -0.080082
-1.10E-05 -0.186794 -2.965805 -0.080082

COMB DB-G2-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.022336 14.388306 0.164410
0.001275 0.422336 26.94487 0.164410
0.25000 0.022336 43.231010 0.164410
0.001275 0.243681 102.211201 0.164410
0.50000 0.022336 81.054871 0.164410
0.001275 0.084477 138.635864 0.164410
0.75000 0.022336 116.960087 0.164410
0.001275 0.155607 105.147765 0.164410
1.00000 0.022336 156.530616 0.164410
0.001275 0.298706 30.632706 0.164410

COMB DB-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.068216 -157.884899 -0.118193
-4.7E-07 -0.295797 -107.082153 -0.118193
0.25000 -0.068216 -118.215315 -0.118193
-4.7E-07 -0.156022 -41.523115 -0.118193
0.50000 -0.068216 -82.321599 -0.118193
-4.7E-07 -0.060965 -40.159079 -0.118193
0.75000 -0.068216 -44.90477 2.965805 -0.118193
-4.7E-07 -0.218662 -40.947520 -0.118193
1.00000 -0.068216 -15.625981 -0.118193
-4.7E-07 -0.421522 -105.626592 -0.118193

COMB DB-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.063402 13.619405 0.215050
0.001241 0.575284 29.250576 0.215050
0.25000 0.063402 38.60417 0.215050
0.001241 0.313097 100.077253 0.215050
0.50000 0.063402 75.760390 0.215050
0.001241 0.091635 129.718886 0.215050
0.75000 0.063402 106.619122 0.215050
1.00000 0.063402 146.112553 0.215050
0.001241 0.410833 35.263141 0.215050

COMB DB-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.064426 -147.970515 -0.164159
-0.000781 -0.414974 -102.263154 -0.164159
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.00000 0.051229 0.279238 0.179018
1.30E-05 0.464786 5.592107 0.179018
0.25000 0.051229 0.287761 0.179018
1.30E-05 0.240249 6.216923 0.179018
0.50000 0.051229 0.307034 0.179018
1.30E-05 0.02

-2.32E-07 -0.656439 -89.204660

COMB DL-G2-3				MAX
REL DIST	P	V2	V3	
0.00000	M2	M3		0.364319
0.001156	0.953570	24.453213		
0.25000	0.107228	27.726008		0.364319
0.001156	0.509750	70.108537		0.364319
0.50000	0.927898	97.985108		0.364319
0.001156	0.095252	95.764391		
0.75000	0.107228	95.026157		0.364319
0.001156	0.360436	73.523069		0.364319
1.00000	0.107228	125.962339		0.364319
0.001156	0.693281	30.993400		
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COMB DL-G2-3				MIN
REL DIST	P	V2	V3	
0.00000	M2	M3		-0.281381
-0.000693	-0.743457	-84.410245		
0.25000	-0.062359	-96.543377		-0.281381
-0.000693	-0.394418	-37.885108		
0.50000	-0.062359	-61.433850		-0.281381
-0.000693	-0.057170	-38.113300		
0.75000	-0.062359	-29.205310		-0.281381
-0.000693	-0.064798	-42.622339		
1.00000	-0.062359	-114.868313		-0.281381
-0.000693	-0.907990	-85.125429		

COMB DB				MAX
REL DIST	P	V2	V3	
0.00000	0.076524	15.389345		0.216016
0.001275	0.575724	29.250576		
0.25000	0.076624	46.242661		0.216016
0.001275	0.313097	108.741001		
0.50000	0.076624	86.703207		0.216016
0.001275	0.091635	142.253370		
0.75000	0.076624	125.111359		0.216016
0.001275	0.209616	111.694703		0.216016
1.00000	0.076624	167.440332		0.216016
0.001275	0.412012	35.263141		

COMB DB				MIN
REL DIST	P	V2	V3	
0.00000	M2	M3		-0.165262
-0.001244	-0.068216	-168.862098		
0.25000	-0.068216	-126.427225		-0.165262
-0.001244	-0.219450	-44.068548		
0.50000	-0.068216	-88.031314		-0.165262
-0.001244	-0.064798	-42.622339		
0.75000	-0.068216	-47.562999		-0.165262
-0.001244	-0.281680	-43.478656		
1.00000	-0.068216	-16.686375		-0.165262
-0.001244	-0.549681	-112.679389		

COMB DL				MAX
REL DIST	P	V2	V3	
0.00000	M2	M3		0.375158
0.001187	0.123415	15.651333		
0.25000	0.981205	29.250576		0.375158
0.001187	0.524344	76.399273		
0.50000	0.123415	71.105824		0.375158
0.001187	0.095252	95.764391		
0.75000	0.123415	113.001980		0.375158
0.001187	0.370998	78.947088		0.375158
1.00000	0.123415	149.927679		0.375158
0.001187	0.718534	30.993940		

COMB DL				MIN
REL DIST	P	V2	V3	
0.00000	M2	M3		-0.292450
-0.001170	-0.067002	-151.060479		
0.25000	-0.067002	-95.407668		-0.292450
-0.001170	-0.05694	-39.176172		
0.50000	-0.067002	-72.223258		-0.292450
-0.001170	-0.057170	-39.824134		
0.75000	-0.067002	-108.741001		-0.292450
-0.001170	-0.468072	-40.141639		
1.00000	-0.067002	-16.638836		-0.292450
-0.001170	-0.935676	-95.865207		

COMB CAR				MAX
REL DIST	P	V2	V3	
0.00000	M2	M3		0.375158
0.001275	0.123415	15.651333		
0.25000	0.981205	29.250576		0.375158
0.001275	0.123415	46.242661		
0.50000	0.123415	108.741001		0.375158
0.001275	0.095252	86.703207		
0.75000	0.123415	125.111359		0.375158
0.001275	0.091635	142.253370		
1.00000	0.123415	167.440332		0.375158
0.001275	0.718534	35.263141		
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COMB CAR				MIN
REL DIST	P	V2	V3	
0.00000	M2	M3		-0.292450
-0.001244	-0.068216	-168.862098		
0.25000	-0.068216	-126.427225		-0.292450
-0.001244	-0.405694	-44.068548		
0.50000	-0.068216	-88.031314		-0.292450
-0.001244	-0.064798	-42.622339		
0.75000	-0.068216	-47.562999		-0.292450
-0.001244	-0.468072	-43.478656		
1.00000	-0.068216	-16.686375		-0.292450
-0.001244	-0.935676	-112.679389		

COMB DESIGN				MAX
REL DIST	P	V2	V3	
0.00000	M2	M3		0.375158
0.001275	0.123415	15.651333		
0.25000	0.981205	29.250576		0.375158
0.001275	0.123415	46.242661		
0.50000	0.123415	86.703207		0.375158
0.001275	0.095252	142.253370		
0.75000	0.123415	125.111359		0.375158
0.001275	0.091635	142.253370		
1.00000	0.123415	167.440332		0.375158
0.001275	0.718534	35.263141		

COMB DESIGN				MIN
REL DIST	P	V2	V3	
0.00000	M2	M3		-0.292450
-0.001244	-0.068216	-168.862098		
0.25000	-0.068216	-126.427225		-0.292450
-0.001244	-0.405694	-44.068548		
0.50000	-0.068216	-88.031314		-0.292450
-0.001244	-0.064798	-42.622339		
0.75000	-0.068216	-47.562999		-0.292450
-0.001244	-0.468072	-43.478656		
1.00000	-0.068216	-16.686375		-0.292450

-0.001244 -0.935676 -112.679389

COMB DB-G1-1				MAX
REL DIST	P	V2	V3	
0.00000	M2	M3		0.081219
0.00000	0.045690	0.319277		
0.25000	0.045690	7.738120		0.081219
0.00000	0.25000	0.045690	0.343217	
0.000288	0.104388	7.836181		0.081219
0.50000	0.045690	0.374601		0.081219
0.00000	0.021030	8.001253		0.081219
0.75000	0.045690	0.404390		0.081219
0.000288	0.094001	8.349489		0.081219
1.00000	0.045690	0.437259		0.081219
0.000288	0.191281	8.602479		

COMB DB-G1-1	MIN

REL DIST	P	V2	V3	
0.00000	M2	M3		-0.077376
-0.000811	-0.010120	-7.301776		
0.25000	-0.010120	-3.819471		-0.077376
-0.000811	-0.010078	-0.697230		
0.50000	-0.010120	-2.873332		-0.077376
-0.000811	-0.010120	-0.667495		
0.75000	-0.010120	-2.701472		-0.077376
1.00000	-0.010120	-2.538638		-0.077376
-0.000811	-0.202328	-2.425310		

COMB DB-G1-2				MAX
REL DIST	P	V2	V3	
0.00000	M2	M3		0.146646
0.000379	0.073800	15.756658		
0.25000	0.073800	32.077020		0.146646
0.000379	0.217803	112.856772		
0.50000	0.073800	87.069363		0.146646
0.000379	0.096128	147.275855		
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COMB DB-G1-2				MIN
REL DIST	P	V2	V3	
0.00000	M2	M3		-0.111645
0.75000	0.073800	125.466825		-0.111645
0.000379	0.159200	114.028393		-0.111645
1.00000	0.073800	167.832512		-0.111645
0.000379	0.278659	33.851347		

COMB DB-G1-3				MAX
REL DIST	P	V2	V3	
0.00000	M2	M3		0.185849
0.000978	0.073159	13.521099		
0.25000	0.073159	34.306054		0.185849
0.000978	0.258471	101.723389		
0.50000	0.073159	71.723389		0.185849
0.000978	0.100763	128.604319		
0.75000	0.073159	104.600113		0.185849
0.000978	0.214117	103.031233		0.185849
1.00000	0.073159	139.771193		0.185849
0.000978	0.394193	37.048315		

COMB DB-G1-3				MIN
REL DIST	P	V2	V3	
0.00000	M2	M3		-0.157012
-0.001157	-0.048413	-140.548212		
0.25000	-0.048413	-96.424121		-0.157012
-0.001157	-0.215953	-38.147896		
0.50000	-0.048413	-73.478132		-0.157012
-0.001157	-0.056722	-36.757654		
0.75000	-0.048413	-39.887477		-0.157012
-0.001157	-0.205082	-37.292301		
1.00000	-0.048413	-14.263193		-0.157012
-0.001157	-0.478196	-94.591755		

COMB DB-G2-1				MAX
REL DIST	P	V2	V3	
0.00000	M2	M3		0.080516
0.00000	0.000821	0.264823		
0.000793	0.198971	7.338132		0.080516
0.25000	0.000821	0.288762		0.080516
0.000793	0.098456	7.440038		0.080516
0.50000	0.000821	0.320147		0.080516
0.000793	0.020269	7.630659		0.080516
0.75000	0.000821	0.349935		0.080516
0.000793	0.105648	7.947389		0.080516
1.00000	0.000821	0.382902		0.080516
0.000793	0.209887	8.323790		

0.0000793	0.105648	7.947389	0.080516
1.00000	0.000821	0.382802	0.080516
0.0000793	0.209887	8.323790	
COMB DB-G2-1 ----- MIN			
REL DIST	P	V2	V3
0.00000	M2	M3	
-0.000260	-0.061856	-0.662797	-0.082891
0.25000	-0.061856	-2.973924	-0.082891
-0.000260	-0.102875	-2.754585	
0.50000	-0.061856	-0.000116	-0.082891
-0.000260	-0.006125	-2.589406	
0.75000	-0.061856	-0.568730	-0.082891
-0.000260	-0.104286	-2.424025	
1.00000	-0.061856	-0.544	

-0.001157 -0.747488 -111.290171

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 0.123006 16.037670 0.301098
0.001148 0.798916 35.195833
0.25000 0.123006 46.614742 0.301098
0.001148 0.433375 112.856772 0.301098
0.50000 0.123006 112.856772 0.301098
0.001148 0.108662 145.275855 0.301098
0.75000 0.123006 125.466825 0.301098
0.001148 0.339762 114.028393 0.301098
1.00000 0.123006 167.890125 0.301098
0.001148 0.645714 37.654352

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3
0.00000 T -0.073810 -168.424103 -0.260000
-0.001157 -0.682943 -112.715979
0.25000 -0.073810 -126.021094 -0.260000
-0.001157 -0.366211 -42.714097
0.50000 -0.073810 -87.626811 -0.260000
-0.001157 -0.068986 -11.234815 -0.260000
0.75000 -0.073810 -47.171545 -0.260000
-0.001157 -0.376150 -42.074176
1.00000 -0.073810 -16.497692 -0.260000
-0.001157 -0.47488 -11.290171
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1503

FRAME ELEMENT INTERNAL FORCES

ELEM 251 ===== LENGTH

= 5.030920

COMB DB-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.045294 0.452996
0.000556 0.045294 0.452996
0.25000 0.045294 0.476937
0.000556 0.098307 8.618529
0.50000 0.045294 0.508321
0.000556 0.098307 8.618529
0.75000 0.045294 0.538110
0.000556 0.087058 8.648320
1.00000 0.045294 0.570990
0.000556 0.176369 8.658086

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.0005359 -0.588864 -0.071008
-0.000556 -0.180889 -2.418323
0.25000 -0.0005359 -0.559177 -0.071008
-0.000556 -0.091572 -2.196675
0.50000 -0.0005359 -0.526191 -0.071008
-0.000556 -0.005916 -2.391282
0.75000 -0.0005359 -0.494805 -0.071008
-0.000556 -0.095454 -2.602396
1.00000 -0.0005359 -0.470861 -0.071008
-0.000556 -0.193237 -2.866586

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.073020 16.007926 0.121311
0.000728 0.325791 33.806504
0.25000 0.073020 46.867676 0.121311
0.000728 0.181733 31.395707
0.50000 0.073020 87.322384 0.121311
0.000728 0.098029 34.118586
0.75000 0.073020 125.719422 0.121311
0.000728 0.177045 4.486659
1.00000 0.073020 168.101788 0.121311
0.000728 0.309708 33.938218

COMB DB-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.004406 -168.157873 -0.116423
-0.000688 -0.308017 -111.329987
0.25000 -0.004406 -125.766469 -0.116423
-0.000688 -0.169707 -41.484374
0.50000 -0.004406 -87.372322 -0.116423
-0.000688 -0.059255 -40.547324
0.75000 -0.004406 -46.916095 -0.116423
-0.000688 -0.071053 -97.171216
1.00000 -0.004406 -16.051755 -0.116423
-0.000688 -0.316398 -111.811227

COMB DB-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.071146 13.85979 0.169979
0.001125 0.442669 37.001341
0.25000 0.071146 39.478814
0.001125 0.240558 103.605426
0.50000 0.071146 103.605426
0.001125 0.103512 129.819993
0.75000 0.071146 104.939826
0.001125 0.231361 103.713844
1.00000 0.071146 140.127416
0.001125 0.425111 37.175381

COMB DB-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.043696 -140.191406 -0.163127
-0.001087 -0.422164 -94.634776
0.25000 -0.043696 -104.998977 -0.163127
-0.001087 -0.223198 -36.488268
0.50000 -0.043696 -73.124983
-0.001087 -0.054721 -35.880381
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3

0.75000 -0.043696 -39.539096 -0.163127
-0.001087 -0.231165 -37.259176
1.00000 -0.043696 -13.916187
-0.001087 -0.438955 -95.435225

COMB DB-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.001178 0.393539
0.000536 0.001178 0.393539
0.25000 0.001178 0.417480
0.000536 0.001178 0.448964
0.50000 0.001178 0.417480
0.75000 0.001178 0.478653
0.000536 0.001178 0.478653
1.00000 0.001178 0.511533
0.000536 0.001178 0.511533

COMB DB-G2-1 ----- MIN

REL DIST T P M2 M3 V3

0.00000 -0.062047 -0.526998 -0.085164
-0.000534 -0.213228 -2.325384
0.25000 -0.062047 -0.494111 -0.085164

-0.000534 -0.106115 -2.106556

0.50000 -0.062047 -0.464325 -0.085164

-0.000534 -0.000556 -2.278970

0.75000 -0.062047 -0.432939 -0.085164

-0.000534 -0.112164 -2.478824

1.00000 -0.062047 -0.408995 -0.085164

-0.000534 -0.221908 -2.731755

COMB DB-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.016347 14.945480 0.135656
0.000694 0.355711 32.517052
0.25000 0.016347 43.794209 0.135656
0.000694 0.198264 107.858042 0.135656
0.50000 0.016347 81.612603 0.135656
0.000694 0.094228 37.518407 0.135656
0.75000 0.016347 117.907428 0.135656
1.00000 0.016347 157.127871 0.135656
0.000694 0.357955 32.642647

COMB DB-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.072248 -157.181031 -0.134475
-0.000725 -0.348458 -104.318088
0.25000 -0.072248 -117.561222 -0.134475
-0.000725 -0.185120 -38.001397
0.50000 -0.072248 -81.660015 -0.134475
-0.000725 -0.055976 -38.128456
0.75000 -0.072248 -43.840190 -0.134475
-0.000725 -0.192692 -39.478141
1.00000 -0.072248 -14.987181 -0.134475
-0.000725 -0.356546 -104.785111

COMB DB-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.057777 14.439181 0.172886
0.001072 0.449691 37.589163
0.25000 0.057777 41.329546 0.172886
0.001072 0.244017 107.620166 0.172886
0.50000 0.057777 76.580675 0.172886
0.001072 0.105705 135.087941 0.172886
0.75000 0.057777 110.038833 0.172886
1.00000 0.057777 146.969689 0.172886
0.001072 0.439785 37.761340

COMB DB-G2-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.065358 -147.036777 -0.168198
-0.001102 -0.434254 -99.028390
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3

0.25000 -0.065358 -110.097912 -0.168198
-0.001102 -0.059271 -38.016994
0.50000 -0.065358 -76.840177 -0.168198
-0.001102 -0.056651 -37.349183
0.75000 -0.065358 -41.389545 -0.168198
-0.001102 -0.026699 -38.768255
1.00000 -0.065358 -14.985188 -0.168198
-0.001102 -0.447845 -99.802908

COMB DL-G1-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.055496 0.597010 0.106500
0.000458 0.278812 9.06166
0.25000 0.055496 0.606182 0.106500
0.000458 0.145877 9.374319
0.50000 0.055496 0.625454 0.106500
0.000458 0.027018 9.297856
0.75000 0.055496 0.646454 0.106500
0.000458 0.133160 9.320413
1.00000 0.055496 0.665422 0.106500
0.000458 0.267486 9.399162

COMB DL-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.005300 -0.615870 -0.107474
-0.000460 -0.004354 -0.519500
0.25000 -0.005300 -0.597362 -0.107474
-0.000460 -0.139678 -5.356980
0.50000 -0.005300 -0.576355 -0.107474
-0.000460 -0.011482 -0.563914
0.75000 -0.005300 -0.553075 -0.107474
-0.000460 -0.126024 -5.637059
1.00000 -0.005300 -0.548531 -0.107474
-0.000460 -0.258971 -5.715006

COMB DL-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.123180 16.289808 0.168291
0.000588 0.452241 28.687931
0.25000 0.123180 33.351596 0.168291
0.000588 0.258775 81.688481
0.50000 0.123180 71.799082 0.168291
0.000588 0.102796 110.414477 0.168291
0.75000 0.123180 113.893099 0.168291
0.000588 0.251111 81.609501 0.168291
1.00000 0.123180 150.618291 0.168291
0.000588 0.453676 28.462868

COMB DL-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.003562 -150.577619 -0.174488
-0.000556 -0.469705 -95.599209
0.25000 -0.003562 -113.653129 -0.174488
-0.000556 -0.252971 -40.132590
0.50000 -0.003562 -71.744600 -0.174488
-0.000556 -0.053303 -39.995564
0.75000 -0.003562 -33.308466 -0.174488
-0.000556 -0.123180 -125.719422 -0.174488
1.00000 -0.003562 -16.236178 -0.174488
-0.000556 -0.441204 -95.843671

COMB DL-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.121576 14.025617 0.242803
0.000919 0.637651 33.109620
0.25000 0.121576 27.964971 0.242803
0.000919 0.347698 76.106019 0.242803
0.50000 0.121576 59.376277 0.242803
0.000919 0.110361 99.371127 0.242803
0.75000 0.121576 93.603374 0.242803
0.000919 0.348295 75.984596 0.242803
1.00000 0.121576 123.770978 0.242803
0.000919 0.851230 32.799870 0.242803

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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3

0.00000 0.121576 14.025617 0.242803
0.000919 0.637651 33.109620
0.25000 0.121576 27.964971 0.242803
0.000919 0.347698 76.106019 0.242803
0.50000 0.121576 59.376277 0.242803
0.000919 0.110361 99.371127 0.242803
0.75000 0.121576 93.603374 0.242803
0.000919 0.348295 75.984596 0.242803
1.00000 0.121576 123.770978 0.242803
0.000919 0.851230 32.799870 0.242803

0.00000 -0.040100 -123.694978 -0.252184

-0.000890 -0.656261 83.371423 -0.252184

0.25000 -0.040100 -93.927243 -0.252184

-0.000890 -0.341727 -38.092774 -0.252184

0.50000 -0.040100 -59.288994 -0.252184

-0.000890 -0.054338 38.017858 -0.252184

0.75000 -0.040100 -27.689693 -0.252184

-0.000890 -0.320323 -38.264710 -0.252184

1.00000 -0.040100 -13.939031 -0.252184

-0.000890 -0.623541 -83.719079

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.001589 0.537192 0.127161
0.000440 0.322058 9.080117 0.127161
0.25000 0.001589 0.545744 0.127161
0.000440 0.162746 9.020654 0.127161
0.50000 0.001589 0.565016 0.127161
0.000440 0.025928 8.975571 0.127161
0.75000 0.001589 0.586282 0.127161
1.00000 0.001589 0.604524 0.127161
0.000440 0.335824 8.929432

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.076259 -0.556862 -0.131325
-0.000439 -0.325975 -5.243610 -0.131325
0.25000 -0.076259 -0.538354 -0.131325
-0.000439 -0.161522 -24.00126 -0.131325
0.50000 -0.076259 -0.517347 -0.131325
-0.000439 -0.010661 -5.284987 -0.131325
0.75000 -0.076259 -0.498081 -0.131325
-0.000439 -0.159179 -10.94393 -0.131325
1.00000 -0.076259 -0.489523 -0.131325
-0.000439 -0.318782 -5.382377

COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.049983 15.091018 0.196443
0.000568 0.511623 27.802310 0.196443
0.25000 0.049983 30.861414 0.196443
0.000568 0.281215 66.813488 0.196443
0.50000 0.049983 66.813488 0.196443
0.000568 0.098760 103.379648 0.196443
0.75000 0.049983 105.121930 0.196443
0.000568 0.297455 76.705444 0.196443
1.00000 0.049983 139.252993 0.196443
0.000568 0.541727 27.528392

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.075778 -139.209157 -0.206309
-0.000599 -0.675782 -105.079453 -0.206309
0.25000 -0.075778 -105.079453 -0.206309
-0.000599 -0.280676 -37.748927 -0.206309
0.50000 -0.075778 -66.342944 -0.206309
-0.000599 -0.050482 37.612648 -0.206309
0.75000 -0.075778 -30.816015 -0.206309
-0.000599 -0.272827 -37.840411 -0.206309
1.00000 -0.075778 -15.035916 -0.206309
-0.000599 -0.518085 -89.214236

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.105665 14.318602 0.247782
0.000882 0.647576 33.256191 0.247782
0.25000 0.105665 28.612820 0.247782
0.000882 0.351980 77.395082 0.247782
0.50000 0.105665 60.821184 0.247782
0.000882 0.111639 101.274661 0.247782
0.75000 0.105665 95.917661 0.247782
0.000882 0.358929 77.259669 0.247782
1.00000 0.105665 126.851532 0.247782
0.000882 0.098951 32.929926

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0.000090	-0.240439	-38.191287	
0.000000	-0.048398	-72.167949	-0.177673
-0.000990	-0.059114	-37.722462	
0.750000	-0.046398	-39.180984	-0.177673
-0.000990	-0.218824	-39.175343	
1.000000	-0.048398	-13.560493	-0.177673
-0.000990	-0.416152	-97.501909	
COMB DB-G2-1-----MAX			
REL DIST	P	V2	V3
0.00000	0.001672	0.531373	0.092231
0.000261	0.203081	8.389048	
0.250000	0.001672	0.555277	0.092231
0.500000	0.014378	8.031529	
0.750000	0.001672	0.531373	0.092231
0.000261	0.202500	7.736897	
0.750000	0.001672	0.616452	0.092231
0.000261	0.099600	0.585242	
1.000000	0.001672	0.565349	0.092231
0.000261	0.219063	7.484252	
COMB DB-G2-2-----MIN			
REL DIST	P	V2	V3
0.00000	-0.062897	-0.393945	-0.086756
-0.000792	-0.217465	-2.731490	
0.250000	-0.062897	-0.361067	-0.086756
0.500000	-0.108428	-2.876075	
-0.000792	-0.093747	-3.031721	-0.086756
-0.000792	-0.007525	-3.073741	
0.750000	-0.062897	-0.299891	-0.086756
0.000792	-0.117645	-3.273203	
1.000000	-0.062897	-0.275949	-0.086756
-0.000792	-0.233658	-3.525812	
COMB DB-G2-3-----MAX			
REL DIST	P	V2	V3
0.00000	0.017228	15.202699	0.132715
-0.000112	0.017063	10.586168	
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REL DIST	P	V2	V3
0.25000	0.017228	104.054832	0.132715
0.000366	0.183672	107.616897	
0.500000	0.017228	81.876486	0.132715
0.000366	0.093747	136.892100	
0.750000	0.017228	117.770220	0.132715
0.000366	0.225766	106.588150	
1.000000	0.017228	157.417032	0.132715
0.000366	0.412387	31.062393	
COMB DB-G2-2-----MIN			
REL DIST	P	V2	V3
0.00000	-0.073346	-156.912326	-0.156127
-0.001012	-0.073346	-104.831040	
0.250000	-0.073346	-117.294320	-0.156127
-0.001012	-0.213468	-40.129606	
0.500000	-0.073346	-81.399006	-0.156127
0.001012	-0.059892	-39.101000	
0.750000	-0.073346	-43.576896	-0.156127
-0.001012	-0.186039	-40.836361	
1.000000	-0.073346	-14.726682	-0.156127
-0.001012	-0.343888	-106.315070	
COMB DB-G2-3-----MAX			
REL DIST	P	V2	V3
0.00000	0.059922	14.791786	0.167274
0.000953	0.418172	37.739255	
0.250000	0.059922	10.586168	0.167274
0.000953	0.226911	107.184190	
0.500000	0.059922	76.939502	0.167274
0.000953	0.103536	134.145966	
0.001012	0.059922	110.396633	0.167274
0.000953	0.267869	105.870983	
1.000000	0.059922	147.347407	0.167274
0.000953	0.486135	35.581403	
COMB DB-G2-3-----MIN			
REL DIST	P	V2	V3
0.00000	-0.066754	-146.676210	-0.185446
-0.001169	-0.476829	-9.832654	
0.250000	-0.066754	-109.147625	-0.185446
-0.001169	-0.250319	-39.101000	
0.500000	-0.066754	-76.288090	-0.185446
-0.001169	-0.060995	-39.173217	
0.750000	-0.066754	-41.034468	-0.185446
-0.001169	-0.227036	-10.670703	
1.000000	-0.066754	-10.142670	-0.185446
-0.001169	-0.429231	-101.884032	
COMB DL-G1-1-----MAX			
REL DIST	P	V2	V3
0.00000	0.059610	0.754770	0.094228
0.000711	0.2		

0.00000	-0.006273	-150.286622	-0.195352
-0.000306	-0.504233	-95.865293	
0.25000	-0.006273	-113.368612	-0.195352
-0.000306	-0.265151	-40.506117	
0.50000	-0.006273	-77.472123	-0.195352
-0.000306	-0.055848	-40.496389	
0.75000	-0.006273	-33.027502	-0.195352
-0.000306	-0.220346	-40.897456	
1.00000	-0.006273	-15.362615	-0.195352
-0.000306	-0.405411	-96.692726	
COMB DL-G1-3			
REL DIST	P	V2	V3
0.00000	0.126230	14.402214	0.231392
0.001015	0.571680	32.766861	
0.25000	0.126230	28.360824	0.231392
0.001015	0.306905	75.115047	
0.50000	0.126230	59.777496	0.231392
0.001015	0.126230	77.472123	
0.75000	0.126230	94.009802	0.231392
0.001015	0.410476	73.555611	
1.00000	0.126230	124.711433	0.231392
0.001015	0.757326	9.767810	
COMB DL-G1-3			
REL DIST	P	V2	V3
0.00000	-0.044409	-123.326619	-0.287446
-0.000837	-0.720089	-93.175808	
0.25000	-0.044409	-32.360824	-0.287446
-0.000837	-0.366660	-38.560389	
0.50000	-0.044409	-58.935766	-0.287446
-0.000837	-0.467673	-38.582370	
0.75000	-0.044409	-27.326798	-0.287446
-0.000837	-0.327112	-38.939891	
1.00000	-0.044409	-13.584914	-0.287446
-0.000837	-0.616520	-84.553772	
COMB DL-G2-1			
REL DIST	P	V2	V3
0.00000	0.002002	0.688773	0.136379
0.000215	0.324261	8.966533	
0.25000	0.002002	76.071287	0.136379
0.000215	0.152739	8.620269	
0.50000	0.002002	0.716612	0.136379
0.000215	0.024244	8.286392	
0.75000	0.002002	76.071287	0.136379
0.000215	0.209772	7.368118	
1.00000	0.002002	0.756120	0.136379
0.000215	0.403436	7.678882	
COMB DL-G2-1			
REL DIST	P	V2	V3
0.00000	-0.079096	-0.436778	-0.154413
-0.000705	-0.374618	-5.411612	
0.25000	-0.079096	-0.418272	-0.154413
-0.000705	-0.265032	-6.074734	
0.50000	-0.079096	-0.397272	-0.154413
-0.000705	-0.011997	-5.440626	
0.75000	-0.079096	-0.378001	-0.154413
-0.000705	-0.130599	-5.468689	
1.00000	-0.079096	-0.369447	-0.154413
-0.000705	-0.352491	-5.523943	
Program SAP2000 Nonlinear Version 7.42 File:상명S11-S503.OUT			
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<	MOVING	LOAD	>
FRAME ELEMENT INTERNAL FORCES			
COMB DL-G2-2			
REL DIST	P	V2	V3
0.00000	0.051230	15.364119	0.200169
0.000302	0.493192	27.563340	
0.25000	0.051230	31.156300	0.200169
0.000302	0.265032	76.074734	
0.50000	0.051230	66.699796	0.200169
0.000302	0.095533	102.150427	
0.75000	0.051230	105.428781	0.200169
0.000302	0.051230	139.552376	
1.00000	0.051230	139.552376	0.200169
0.000302	0.666852	25.366346	
COMB DL-G2-2			
REL DIST	P	V2	V3
0.00000	-0.080374	-138.923465	-0.249955
-0.000890	-0.622658	-89.289578	
0.25000	-0.080374	-104.799750	-0.249955
-0.000890	-0.318124	-38.111421	
0.50000	-0.080374	-67.043734	-0.249955
-0.000890	-0.052787	-38.093129	
0.75000	-0.080374	-30.539596	-0.249955
-0.000890	-0.294692	-38.455450	
1.00000	-0.080374	-14.763337	-0.249955
-0.000890	-0.546369	-90.017619	
COMB DL-G2-3			
REL DIST	P	V2	V3
0.00000	0.109092	1	

0.001169	-0.429231	113.359146	
Program	SAP2000	Nonlinear	Version 7.4
File:	삼형S11-S1053.OUT		
<	MOVING	Page	LOAD
		1513	
FRAME ELEMENT INTERNAL FORCES			
COMB	DL	-----	MAX
REL DIST	P	V2	V
T	M2	M3	
0.00000	0.127995	16.559492	0.24425
0.001015	0.605155	32.939255	
0.25000	0.127995	33.644851	0.24425
0.50000	0.317673	80.947576	
0.001015	0.127995	72.098904	0.24425
0.001176	0.107137	109.187260	
0.75000	0.127995	113.999297	0.24425
0.001015	0.435099	79.869818	
1.00000	0.127995	150.917178	0.24425
0.001015	0.799868	29.908916	
COMB	DL	-----	MIN
REL DIST	P	V2	V
T	M2	M3	
0.00000	-0.080374	-150.266622	-0.30230
0.001018	-0.754891	-95.865293	
0.25000	-0.080374	-113.847438	-0.30230
0.50000	-0.379784	-40.506117	
0.001018	-0.080374	-71.072125	-0.30230
0.001176	-0.056075	-46.496389	
0.75000	-0.080374	-33.472702	-0.30230
0.001018	-0.347031	-40.897456	
1.00000	-0.080374	-15.962615	-0.30230
0.001018	-0.653506	-96.692726	
COMB	CAR	-----	MAX
REL DIST	P	V2	V
T	M2	M3	
0.00000	0.127995	16.559492	0.24425
0.001176	0.605155	37.739255	
0.25000	0.127995	47.127885	0.24425
0.001176	0.317673	111.582827	
0.50000	0.127995	87.586069	0.24425
0.001176	0.107137	145.470952	
0.001176	0.127995	125.961933	0.24425
0.001176	0.435099	132.121966	
1.00000	0.127995	168.387164	0.24425
0.001176	0.799868	35.581403	
COMB	CAR	-----	MIN
REL DIST	P	V2	V
T	M2	M3	
0.00000	-0.080374	-167.884336	-0.30230
0.001169	-0.754891	-111.847438	
0.25000	-0.080374	-125.504576	-0.30230
0.001169	-0.379784	-42.182919	
0.50000	-0.080374	-87.105947	-0.30230
0.001169	-0.062332	-41.822707	
0.75000	-0.080374	-46.648422	-0.30230
0.001169	-0.347031	-43.337035	
1.00000	-0.080374	-15.962615	-0.30230
0.001169	-0.653506	-113.359146	
COMB DESIGN	-----	MAX	
REL DIST	P	V2	V
T	M2	M3	
0.00000	0.127995	16.559492	0.24425
0.001176	0.605155	37.739255	
0.25000	0.127995	47.127885	0.24425
0.001176	0.317673	111.582827	
0.001176	0.107137	145.470952	0.24425
0.75000	0.127995	125.981933	0.24425
0.001176	0.435099	113.121966	0.24425
0.001176	0.127995	168.387164	
0.001176	0.799868	35.581403	
COMB DESIGN	-----	MIN	
REL DIST	P	V2	V
T	M2	M3	
0.00000	-0.080374	-167.884336	-0.30230
0.001169	-0.754891	-111.847438	
0.25000	-0.080374	-125.504576	-0.30230
0.001169	-0.379784	-42.182919	
0.50000	-0.080374	-87.105947	-0.30230
0.001169	-0.062332	-41.822707	
0.75000	-0.080374	-46.648422	-0.30230
0.001169	-0.347031	-43.337035	
1.00000	-0.080374	-15.962615	-0.30230
0.001169	-0.653506	-113.359146	
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		1514	
FRAME ELEMENT INTERNAL FORCES			
ELEM	253	=====	LENGT
	5.030540		
COMB DG-1-1	-----	MAX	
REL DIST	P	V2	V
T	M2	M3	
0.00000	0.062523	0.816182	0.07220
0.00			

-3.7500E-05	0.010722	-46.217201		-0.168256
-3.97E-05	-0.144641	-44.776025		
1.00000E-01	-0.010722	-15.361310		-0.168256
-3.97E-05	-0.272722	-114.885846		
COMB DB-G1-3				
REL DIST	P	M2	V2	V3
0.00000	0.076157	14.763842	0.165264	
0.001114	0.414959	35.027389		
0.25000	0.076157	40.395294	0.165264	
0.001114	0.211169	100.176550		
0.50000	0.076157	73.990175	0.165264	
0.001114	0.090378	124.874312		
0.75000	0.076157	105.866440	0.165264	
0.001114	0.011192	86.616191		
1.00000	0.076157	141.087139	0.165264	
0.001114	0.595452	29.131416		
COMB DB-G1-3				
REL DIST	P	M2	V2	V3
0.00000	-0.047337	-139.180444	-0.222721	
-0.000833	-0.557035	-97.497880		
0.25000	-0.047337	-104.048832	-0.222721	
-0.000833	-0.260960	-40.107617		
0.001114	-0.047337	-172.163550	-0.222721	
-0.000833	-0.063339	-39.468575		
Program SAP2000 Nonlinear Version 7.42				
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FRAME ELEMENT INTERNAL FORCES				
REL DIST	P	M2	V2	V3
0.75000	-0.047337	-38.574138	-0.222721	
-0.000833	-0.215523	-70.736512		
1.00000	-0.047337	-112.163550	-0.222721	
-0.000833	-0.416361	-98.995927		
COMB DB-G2-1				
REL DIST	P	M2	V2	V3
0.00000	0.001215	7.745916	0.095220	
1.10E-05	0.238622	7.498299		
0.25000	0.001415	7.737228	0.095220	
1.10E-05	0.119069	6.804853		
0.001114	0.001415	8.051222	0.095220	
1.10E-05	0.016059	6.831215		
0.75000	0.001415	8.834911	0.095220	
1.10E-05	0.120659	5.546603		
1.00000	0.001215	8.862534	0.095220	
1.10E-05	0.231301	5.189233		
COMB DB-G2-1				
REL DIST	P	M2	V2	V3
0.00000	-0.059387	-0.274412	-0.088220	
-0.001033	-0.220589	-4.731166		
0.25000	-0.059387	-0.241574	-0.088220	
-0.001033	-0.110208	-3.532898		
0.50000	-0.059387	-0.211778	-0.088220	
-0.001033	-0.043422	-3.587666		
0.75000	-0.059387	-0.180388	-0.088220	
-0.001033	-0.120434	-3.644212		
1.00000	-0.059387	-0.156451	-0.088220	
-0.001033	-0.240184	-3.754019		
COMB DB-G2-2				
REL DIST	P	M2	V2	V3
0.00000	0.019259	15.608455	0.139135	
4.07E-07	0.348302	31.090633		
0.25000	0.019259	44.471035	0.139135	
4.07E-07	0.177849	105.403020		
0.50000	0.019259	82.301306	0.139135	
4.07E-07	0.084786	133.956417		
0.75000	0.019259	112.163550	0.139135	
4.07E-07	0.265017	102.540700		
1.00000	0.019259	157.856627	0.139135	
4.07E-07	0.484041	26.788645		
COMB DB-G2-2				
REL DIST	P	M2	V2	V3
0.00000	-0.068905	-156.507477	-0.180902	
-0.001276	-0.461778	-106.311473		
0.25000	-0.068905	-116.937385	-0.180902	
-0.001276	-0.229135	-41.691635		
0.50000	-0.068905	-81.032867	-0.180902	
-0.001276	-0.062611	-40.852277		
0.75000	-0.068905	-43.208755	-0.180902	
-0.001276	-0.164496	-42.222738		
1.00000	-0.068905	-14.363644	-0.180902	
-0.001276	-0.351612	-107.769283		
COMB DB-G2-3				
REL DIST	P	M2	V2	

0.00000 -0.009200 -0.300935 -0.134422
1.29E-05 -0.324642 5.848848
0.25000 -0.009200 -0.457427 -0.134422
-1.29E-05 -0.155335 -5.664964
0.50000 -0.009200 -0.261421 -0.134422
1.29E-05 -0.012902 5.508409
0.75000 -0.009200 -0.261421 -0.134422
-1.29E-05 -0.145440 -5.352085
1.00000 -0.009200 -0.233627 -0.134422
-1.29E-05 -0.281539 -5.223376

COMB DL-G1-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.126762 16.683658 0.171280
0.001169 0.411960 26.328856
0.25000 0.126762 33.800503 0.171280
0.001169 0.219348 78.080037
0.50000 0.126762 72.272561 0.171280
0.001169 0.089043 105.622752
0.75000 0.126762 114.177985
0.001169 0.381760 75.462769
1.00000 0.126762 151.095683 0.171280
0.001169 0.656306 21.483718

COMB DL-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.008044 -149.912895 -0.247552
-2.61E-05 -0.622572 -96.678811
0.25000 -0.008044 -112.989812 -0.247552
-2.61E-05 -0.193812 -41.931872
0.50000 -0.008044 -71.085958 -0.247552
-2.61E-05 -0.057440 -64.764845
0.75000 -0.008044 -32.654607 -0.247552
-2.61E-05 -0.260205 -40.785239
1.00000 -0.008044 -15.632137 -0.247552
-2.61E-05 -0.473191 -96.540045

COMB DL-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.126712 14.643814 0.272953
0.001053 0.660102 29.911363
0.25000 0.126712 28.628148 0.272953
0.001053 0.335191 71.119644
0.50000 0.126712 60.050909
0.001053 0.091280 92.668532
0.75000 0.126712 94.259546 0.272953
0.001053 0.516114 67.404870
1.00000 0.267121 124.457447 0.272953
0.001053 0.962107 22.409092
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.044156 -122.824236 -0.365667
-0.000739 -0.905065 -84.571924 -0.365667
0.25000 -0.044156 -92.658414 -0.365667
-0.000739 -0.449652 -38.952299 -0.365667
0.50000 -0.044156 -58.424029 -0.365667
-0.000739 -0.059098 -38.577650 -0.365667
0.75000 -0.044156 -27.025156 -0.365667
-0.000739 -0.389437 -39.437583 -0.365667
1.00000 -0.044156 -11.184011 -0.365667
-0.000739 -0.730896 -83.831320 -0.365667

COMB DL-G2-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.001792 0.837093 0.160528
9.79E-06 0.392777 7.724134 0.160528
0.25000 0.001792 0.845669 0.160528
9.79E-06 0.190331 6.937631 0.160528
0.50000 0.001792 0.864953 0.160528
9.79E-06 0.018109 6.183780 0.160528
0.75000 0.001792 0.885958 0.160528
9.79E-06 0.249326 5.439024 0.160528
1.00000 0.001792 0.901464 0.160528
9.79E-06 0.483341 4.716404 0.160528

COMB DL-G2-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.074464 -0.292490 -0.186306
-0.000978 -0.459952 -31.824705 -0.186306
0.25000 -0.074464 -0.273982 -0.186306
-0.000978 -0.222956 -5.377574 -0.186306
0.50000 -0.074464 -0.252976 -0.186306
-0.000978 -0.000000 -0.000000 -0.186306
0.75000 -0.074464 -0.233714 -0.186306
-0.000978 -0.211378 -5.327418 -0.186306
1.00000 -0.074464 -0.225181 -0.186306
-0.000978 -0.413773 -5.244124 -0.186306

COMB DL-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.053362 15.506532 0.239059
2.32E-07 0.579852 25.432953 0.239059
0.25000 0.053362 31.378782 0.239059
2.32E-07 0.300398 73.165982 0.239059
0.50000 0.053362 66.887954 0.239059
2.32E-07 0.084790 96.548607 0.239059
0.75000 0.053362 109.621588 0.239059
2.32E-07 0.445076 70.525708 0.239059
1.00000 0.053362 139.745014 0.239059
2.32E-07 0.823682 20.460282 0.239059

COMB DL-G2-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.076316 -138.551336 -0.313989
-0.001188 -0.785750 -90.062439 -0.313989
0.25000 -0.076316 -104.429332 -0.313989
-0.001188 -0.398164 -58.954508 -0.313989
0.50000 -0.076316 -65.687514 -0.313989
-0.001188 -0.054313 -38.316609 -0.313989
0.75000 -0.076316 -30.188237 -0.313989
-0.001188 -0.346139 -38.303597 -0.313989
1.00000 -0.076316 -14.434722 -0.313989
-0.001188 -0.643113 -89.806613 -0.313989

COMB DL-G2-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.109875 14.938458 0.289240
0.000692 0.700542 29.971135 0.289240
0.25000 0.109875 29.277998 0.289240
0.000692 0.350292 72.413605 0.289240
0.50000 0.109875 61.507747 0.289240
0.000692 0.092233 94.588926 0.289240
0.75000 0.109875 96.613780 0.289240
0.000692 0.530462 68.779177 0.289240
1.00000 0.109875 127.541173 0.289240
0.000692 1.006875 23.010203 0.289240
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.001464 -0.251789 -0.095600
-1.57E-05 -0.235686 -3.940074 -0.095600
0.25000 -0.014464 -0.218970 -0.095600
-1.57E-05 -0.115594 -4.044804 -0.095600
0.50000 -0.014464 -0.189129 -0.095600
-1.57E-05 -0.010636 -4.202320 -0.095600

0.00000 -0.069966 -125.909926 -0.383545
0.001157 -0.949813 -86.413442 -0.383545
0.25000 -0.069966 -97.678623 -0.383545
-0.001157 -0.472337 -39.684539 -0.383545
0.50000 -0.069966 -59.870172 -0.383545
0.001157 -0.059508 -35.578804 -0.383545
0.75000 -0.069966 -27.918587 -0.383545
-0.001157 -0.410596 -39.486666 -0.383545
1.00000 -0.069966 -13.417466 -0.383545
-0.001157 -0.772859 -85.852310 -0.383545

COMB DB ----- MAX
REL DIST P M2 V2 V3
0.00000 0.076157 16.655767 0.171562
0.001243 0.430427 35.919611 0.171562
0.25000 0.076157 47.540397 0.171562
0.001243 0.219884 111.978847 0.171562
0.50000 0.076157 88.007457 0.171562
0.001243 0.092629 142.581859 0.171562
0.75000 0.076157 126.404341 0.171562
0.001243 0.330702 109.083484 0.171562
1.00000 0.076157 168.829994 0.171562
0.001243 0.609651 29.731164 0.171562

COMB DB ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.068905 -167.413924 -0.228326
-0.001276 -0.572797 -113.349995 -0.228326
0.25000 -0.068905 -125.085420 -0.228326
-0.001276 -0.294014 -44.152802 -0.228326
0.50000 -0.068905 -86.678014 -0.228326
-0.001276 -0.066082 -43.315878 -0.228326
0.75000 -0.068905 -46.217201 -0.228326
-0.001276 -0.224173 -44.152802 -0.228326
1.00000 -0.068905 -15.361310 -0.228326
-0.001276 -0.432610 -114.885846 -0.228326

COMB DL ----- MAX
REL DIST P M2 V2 V3
0.00000 0.126762 16.683658 0.289240
0.001169 0.700542 29.971135 0.289240
0.25000 0.126762 33.800503 0.289240
0.001169 0.355845 78.090097 0.289240
0.50000 0.126762 72.272561 0.289240
0.001169 0.092233 105.622752 0.289240
0.75000 0.126762 114.177985 0.289240
0.001169 0.539446 75.462769 0.289240
0.001169 0.267121 151.095683 0.289240
0.001169 1.006875 23.010203 0.289240

COMB DL ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.076316 -149.912895 -0.383545
-0.001188 -0.949813 -86.678811 -0.383545
0.25000 -0.076316 -112.989812 -0.383545
-0.001188 -0.472337 -41.031872 -0.383545
0.50000 -0.076316 -71.085958 -0.383545
-0.001188 -0.059098 -38.577650 -0.383545
0.75000 -0.076316 -32.654607 -0.383545
-0.001188 -0.410596 -40.785239 -0.383545
1.00000 -0.076316 -15.632137 -0.383545
-0.001188 -0.772859 -96.540045 -0.383545

COMB CAR ----- MAX
REL DIST P M2 V2 V3
0.00000 0.126762 16.683658 0.289240
0.001243 0.700542 35.919611 0.289240
0.25000 0.126762 33.800503 0.289240
0.001243 0.355845 78.090097 0.289240
0.50000 0.126762 72.272561 0.289240
0.001243 0.092629 142.581859 0.289240
0.75000 0.126762 126.404341 0.289240
0.001243 0.330702 109.083484 0.289240
1.00000 0.126762 168.829994 0.289240
0.001243 1.006875 29.731164 0.289240
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.076316 -167.413924 -0.383545
-0.001276 -0.949813 -86.413442 -0.383545
0.25000 -0.076316 -125.085420 -0.383545
-0.001276 -0.472337 -44.152802 -0.383545
0.50000 -0.076316 -86.678014 -0.383545
-0.001276 -0.066082 -43.315878 -0.383545
0.75000 -0.076316 -46.217201 -0.383545
-0.001276 -0.410596 -44.776025 -0.383545
1.00000 -0.076316 -15.632137 -0.383545
-0.001276 -0.772859 -114.885846 -0.383545

COMB DESIGN ----- MAX
REL DIST P M2 V2 V3
0.00000 0.126762 16.683658 0.289240
0.001243 0.700542 35.919611 0.289240
0.25000 0.126762 33.800503 0.289240
0.001243 0.355845 78.090097 0.289240
0.50000 0.126762 72.272561 0.289240
0.001243 0.092629 142.581859 0.289240
0.75000 0.126762 126.404341 0.289240
0.001243 0.330702 109.083484 0.289240
1.00000 0.126762 168.829994 0.289240
0.001243 1.006875 29.731164 0.289240

COMB DESIGN ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.076316 -167.413924 -0.383545
-0.001276 -0.949813 -86.413442 -0.383545
0.25000 -0.076316 -125.085420 -0.383545
-0.001276 -0.472337 -44.152802 -0.383545
0.50000 -0.076316 -86.678014 -0.383545
-0.001276 -0.066082 -43.315878 -0.383545
0.75000 -0.076316 -46.217201 -0.383545
-0.001276 -0.410596 -44.776025 -0.383545
1.00000 -0.076316 -15.632137 -0.383545
-0.001276 -0.772859 -114.885846 -0.383545

ELEM 254 ===== LENGTH = 5.031123

COMB DB-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.042518 0.740153 0.071767
0.00000 0.180389 5.520388 0.071767
0.25000 0.042518 0.764221 0.071767
0.001223 0.090115 4.816507 0.071767
0.50000 0.042518 0.799505 0.071767
0.75000 0.042518 4.187657 0.071767
0.001223 0.253139 3.697563 0.071767
1.00000 0.042518 3.662510 0.071767
0.001223 0.245434 3.362593 0.071767

COMB DB-G1-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.014464 -0.251789 -0.095600
-1.57E-05 -0.235686 -3.940074 -0.095600
0.25000 -0.014464 -0.218970 -0.095600
-1.57E-05 -0.115594 -4.044804 -0.095600
0.50000 -0.014464 -0.189129 -0.095600
-1.57E-05 -0.010636 -4.202320 -0.095600

0.75000 -0.014464 -0.157737 -0.095600
-1.57E-05 -0.090414 -4.361276 -0.095600
0.00000 0.029394 4.750881
-1.57E-05 -0.180680 -4.574193

COMB DB-G1-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.072612 16.045734 0.107947
0.001425 0.272612 46.988747 0.107947
0.25000 0.072612 46.988747 0.107947
0.001425 0.135655 107.851704 0.107947
0.50000 0.072612 87.520627 0.107947
0.001425 0.072612 138.357415 0.107947
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P M2 V2 V3
0.75000 0.072612 125.934559 0.107947
0.001425 0.278050 101.323002 0.107947
1.00000 0.072612 168.655615 0.107947
0.001425 0.513228 24.552823

COMB DB-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.014533 -167.401321 -0.198209
-0.19E-05 -0.523844 -114.923398 -0.198209
0.25000 -0.014533 -125.097279 -0.198209
-0.19E-05 -0.274637 -45.701622 -0.198209
0.50000 -0.014533 -86.632668 -0.198209
0.75000 0.078029 105.389122 -0.198209
-4.33E-05 -0.014533 -46.168470 -0.198209
-4.33E-05 -0.146643 -45.185822 -0.198209
1.00000 -0.014533 -15.428504 -0.198209
-4.33E-05 -0.271610 -115.410264 -0.198209

COMB DB-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.078029 14.161879 0.165761
0.001284 0.416764 29.142190 0.165761
0.25000 0.078029 38.500944 0.165761
0.001284 0.208296 94.483614 0.165761
0.50000 0.078029 73.498794 0.165761
0.001284 0.076493 19.183384 0.165761
0.75000 0.078029 105.389122 0.165761
0.001284 0.363035 88.062631 0.165761
1.00000 0.078029 140.856307 0.165761
0.001284 0.680540 24.103041 0.165761

COMB DB-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.045513 -139.193884 -0.264015
-0.000946 -0.681028 -99.042484 -0.264015
0.25000 -0.045513 -104.073981 -0.264015
-0.000946 -0.078029 -41.723217 -0.264015
0.50000 -0.045513 -72.141490 -0.264015
-0.000946 -0.068127 -40.890398 -0.264015
0.75000 -0.045513 -38.548985 -0.264015
-0.000946 -0.275197 -41.599289 -0.264015
1.00000 -0.045513 -13.029328 -0.264015
-0.000946 -0.471120 -100.050245 -0.264015

COMB DB-G2-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.004796 0.676009 0.096275
1.21E-05 0.242053 5.113022 0.096275
0.25000 0.004796 0.709014 0.096275
1.21E-05 0.205094 4.723235 0.096275
0.50000 0.004796 0.731459 0.096275
1.21E-05 0.010760 3.905135 0.096275
0.75000 0.004796 0.761260 0.096275
1.21E-05 0.135600 3.937277 0.096275
1.00000 0.004796 0.794404 0.096275
1.21E-05 0.266680 2.999868 0.096275

COMB DB-G2-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.051891 -0.248516 -0.104305
-0.001207 -0.258335 -3.764687 -0.104305
0.25000 -0.051891 -0.215797 -0.104305
-0.001207 0.127229 -3.864526 -0.104305
0.50000 -0.051891 -0.195965 -0.104305
0.75000 -0.051891 -0.154564 -0.104305
-0.001207 0.121725 -4.171217 -0.104305
-0.001207 -0.021887 -0.130188 -0.104305
-0.001207 -0.242320 -4.379242 -0.104305

COMB DB-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.027699 15.018441 0.140687
4.47E-07 0.353788 26.791296 0.140687
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P M2 V2 V3
0.25000 0.027699 43.944997 0.140687
4.47E-07 0.176841 101.270401 0.1406

0.00000 -0.0630777 -138.162417 -0.360236
0.001495 -0.915703 -89.804514 -0.360236
0.25000 -0.078029 103.65815 -0.360236
0.001495 -0.467387 -38.941098 -0.360236
0.50000 -0.0630777 -65.260801 -0.360236
0.001495 -0.057803 -38.747012 -0.360236
0.75000 -0.0630777 -14.076742 -0.360236
0.001495 -0.398410 -39.002732 -0.360236
1.00000 -0.0630777 -14.076742 -0.360236
0.001495 -0.751276 -91.843388 -0.360236

COMB DL-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.110121 14.719944 0.347061
0.000856 0.844559 23.080007 0.347061
0.25000 0.110121 29.405129 0.347061
0.000856 0.423606 65.319423 0.347061
0.50000 0.110121 61.687415 0.347061
0.000856 0.073721 87.200037 0.347061
0.75000 0.110121 96.801663 0.347061
0.000856 0.597264 61.402323 0.347061
1.00000 0.110121 127.659794 0.347061
0.000856 1.140597 64.767929 0.347061

COMB DL-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.059603 -125.542310 -0.445528
-0.001346 -1.123016 -85.948039 -0.445528
0.25000 -0.059603 -94.561163 -0.445528
-0.001346 -0.566972 -40.059633 -0.445528
0.50000 -0.059603 -59.420519 -0.445528
-0.001346 -0.063331 -40.156482 -0.445528
0.75000 -0.059603 -27.223313 -0.445528
-0.001346 -0.424003 -40.874247 -0.445528
1.00000 -0.059603 -13.077890 -0.445528
-0.001346 -0.918179 -88.799448 -0.445528

COMB DB ----- MAX

REL DIST P M2 V2 V3
0.00000 0.078734 16.045344 0.172562
0.001425 0.433891 29.742153 0.172562
0.25000 0.078029 46.988747 0.172562
0.001425 0.216845 66.632668 0.172562
0.50000 0.078029 125.934559 0.172562
0.001425 0.078791 138.357415 0.172562
0.75000 0.078029 125.934559 0.172562
0.001425 0.367721 101.323002 0.172562
1.00000 0.078029 168.658153 0.172562
0.001425 0.693336 24.717271 0.172562

COMB DB ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.059603 -167.401321 -0.269097
-0.001487 -0.059603 -125.097279 -0.269097
0.25000 -0.059603 -45.701622 -0.269097
-0.001487 -0.059603 -66.632668 -0.269097
0.50000 -0.059603 -44.515181 -0.269097
0.75000 -0.059603 -46.168470 -0.269097
-0.001487 -0.226584 -45.185822 -0.269097
1.00000 -0.059603 -15.428504 -0.269097
-0.001487 -0.424003 -115.412854 -0.269097

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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL DIST P M2 V2 V3
0.00000 0.123730 16.386103 0.347061
0.001447 0.844559 23.080007 0.347061
0.25000 0.123730 33.915538 0.347061
0.001447 0.423606 72.975706 0.347061
0.50000 0.123730 72.975706 0.347061
0.001447 0.074518 100.060877 0.347061
0.75000 0.123730 114.365538 0.347061
0.001447 0.597264 69.652609 0.347061
1.00000 0.123730 152.920332 0.347061
0.001447 1.140597 64.767929 0.347061

COMB DL ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.0630777 -149.492728 -0.445528
-0.001495 -1.123016 -85.948039 -0.445528
0.25000 -0.0630777 -112.511104 -0.445528
-0.001495 -0.566972 -41.055871 -0.445528
0.50000 -0.0630777 -70.564366 -0.445528
0.001495 -0.237331 121.1258167 -0.445528
0.75000 -0.0630777 -32.131155 -0.445528
-0.001495 -0.484003 -41.490827 -0.445528
1.00000 -0.0630777 -15.246024 -0.445528
-0.001495 -0.918179 -98.590105 -0.445528

COMB CAR ----- MAX

REL DIST P M2 V2 V3
0.00000 0.123730 16.386103 0.347061
0.001447 0.844559 29.742153 0.347061
0.25000 0.123730 46.988747 0.347061
0.001447 0.423606 107.851704 0.347061
0.50000 0.123730 87.520627 0.347061
0.001447 0.078791 138.357415 0.347061
0.75000 0.123730 125.934559 0.347061
0.001447 0.597264 101.323002 0.347061
1.00000 0.123730 168.658153 0.347061
0.001447 1.140597 24.717271 0.347061

COMB CAR ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.0630777 -167.401321 -0.445528
-0.001495 -1.123016 -114.923938 -0.445528
0.25000 -0.0630777 -125.097279 -0.445528
-0.001495 -0.566972 -45.701622 -0.445528
0.50000 -0.0630777 -86.632668 -0.445528
-0.001495 -0.070083 -44.515181 -0.445528
0.75000 -0.0630777 -46.168470 -0.445528
-0.001495 -0.424003 -45.185822 -0.445528
1.00000 -0.0630777 -15.428504 -0.445528
-0.001495 -0.918179 -115.410264 -0.445528

COMB DESIGN ----- MAX

REL DIST P M2 V2 V3
0.00000 0.123730 16.386103 0.347061
0.001447 0.844559 29.742153 0.347061
0.25000 0.123730 46.988747 0.347061
0.001447 0.423606 107.851704 0.347061
0.50000 0.123730 87.520627 0.347061
0.001447 0.078791 138.357415 0.347061
0.75000 0.123730 125.934559 0.347061
0.001447 0.597264 101.323002 0.347061
1.00000 0.123730 168.658153 0.347061
0.001447 1.140597 24.717271 0.347061

COMB DESIGN ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.0630777 -167.401321 -0.445528
-0.001495 -1.123016 -114.923938 -0.445528
0.25000 -0.0630777 -125.097279 -0.445528
-0.001495 -0.566972 -45.701622 -0.445528
0.50000 -0.0630777 -86.632668 -0.445528
-0.001495 -0.070083 -44.515181 -0.445528
0.75000 -0.0630777 -46.168470 -0.445528
-0.001495 -0.424003 -45.185822 -0.445528
1.00000 -0.0630777 -15.428504 -0.445528

-0.001495 -0.918179 -115.410264 -0.445528

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FRAME ELEMENT INTERNAL FORCES

COMB DB-G1-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.023891 0.797235 0.069063
0.001216 0.176166 3.380089 0.069063
0.25000 0.023891 8.22019 0.069063
0.001216 0.089384 2.577703 0.069063
0.50000 0.023891 8.54111 0.069063
0.001216 0.02764 1.843831 0.069063
0.75000 0.023891 0.881781 0.069063
0.001216 0.11903 1.23522 0.069063
1.00000 0.023891 0.919033 0.069063
0.001216 0.229452 0.852389 0.069063

COMB DB-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.023093 -0.228458 -0.093517
-1.58E-05 -0.241165 -4.589094 -0.093517
0.25000 -0.023093 -0.193973 -0.093517
-1.58E-05 -0.123550 -4.523413 -0.093517
0.50000 -0.023093 -2.163540 -0.093517
-1.58E-05 -0.008304 -4.505433 -0.093517
0.75000 -0.023093 -0.132282 -0.093517
-1.58E-05 -0.084435 -4.488259 -0.093517
1.00000 -0.023093 -0.919033 -0.093517
-1.58E-05 -0.171302 -4.532303 -0.093517

COMB DB-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.053664 11.038257 0.115173
0.001426 0.267159 24.55844 0.115173
0.25000 0.053664 42.985047 0.115173
0.001426 0.124264 103.595435 0.115173
0.50000 0.053664 84.350835 0.115173
0.001426 0.057390 131.80205 0.115173
0.75000 0.053664 120.018173 0.115173
0.001426 0.236106 95.177049 0.115173
1.00000 0.053664 167.996808 0.115173
0.001426 0.454941 24.028611 0.115173

COMB DB-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.023393 -166.179113 -0.193396
-4.37E-05 -0.529403 -115.418550 -0.193396
0.25000 -0.023393 -124.305928 -0.193396
-4.37E-05 -0.286186 -46.054981 -0.193396
0.50000 -0.023393 -85.076729 -0.193396
-4.37E-05 -0.059340 -38.178661 -0.193396
0.75000 -0.023393 -42.478067 -0.193396
-4.37E-05 -0.153591 -31.341616 -0.193396
1.00000 -0.023393 -16.324605 -0.193396
-4.37E-05 -0.292345 -103.413357 -0.193396

COMB DB-G1-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.071255 10.086322 0.167307
0.001285 0.422811 24.147849 0.167307
0.25000 0.071255 36.607958 0.167307
0.001285 0.212294 88.783680 0.167307
0.50000 0.071255 70.948843 0.167307
0.001285 0.051461 110.899295 0.167307
0.75000 0.071255 140.389760 0.167307
1.00000 0.071255 140.389760 0.167307
0.001285 0.615944 21.175925 0.167307

COMB DB-G1-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.037433 -138.112647 -0.257668
-0.000953 -0.689951 -100.073935 -0.257668
0.25000 -0.037433 -103.350431 -0.257668
-0.000953 -0.365916 -42.478067 -0.257668
0.50000 -0.037433 -70.783197 -0.257668
-0.000953 -0.056692 -35.928126 -0.257668

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.071255 10.086322 0.167307
0.001285 0.422811 24.147849 0.167307
0.25000 0.071255 36.607958 0.167307
0.001285 0.212294 88.783680 0.167307
0.50000 0.071255 70.948843 0.167307
0.001285 0.051461 110.899295 0.167307
0.75000 0.071255 140.389760 0.167307
1.00000 0.071255 140.389760 0.167307
0.001285 0.615944 21.175925 0.167307

COMB DL-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.037433 -138.112647 -0.257668
-0.000953 -0.689951 -100.073935 -0.257668
0.25000 -0.037433 -103.350431 -0.257668
-0.000953 -0.365916 -42.478067 -0.257668
0.50000 -0.037433 -70.783197 -0.257668
-0.000953 -0.056692 -35.928126 -0.257668

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.029113 0.90375 0.148845
0.001285 0.369613 2.770942 0.148845
0.25000 0.029113 0.915443 0.148845
0.001285 0.182376 0.935167 0.148845
0.50000 0.029113 0.935167 0.148845
0.001285 0.004928 1.746417 0.148845
0.75000 0.029113 0.956192 0.148845
1.00000 0.029113 0.973842 0.148845
0.001285 0.394919 1.380437 0.148845

COMB DL-G1-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.034294 -0.218484 -0.159629
-1.53E-05 -0.409344 -6.184763 -0.159629
0.25000 -0.034294 -0.199554 -0.159629
-1.53E-05 -0.208204 -6.485204 -0.159629
0.50000 -0.034294 -0.29242 -0.159629
-1.53E-05 -0.016404 -6.927525 -0.159629
0.75000 -0.034294 -0.159131 -0.159629
1.00000 -0.034294 -0.491453 -0.159629
-1.53E-05 -0.151633 -8.228737 -0.159629

COMB DL-G1-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.090319 10.377480 0.247401
0.001515 0.612532 16.417311 0.247401
0.25000 0.090319 33.256510 0.247401
0.001515 0.318690 69.501831 0.247401
0.50000 0.090319 72.662289 0.247401
0.001515 0.059205 95.336274 0.247401
0.75000 0.090319 114.551194 0.247401
0.001515 0.361601 64.028801 0.247401
1.00000 0.090319 149.762619 0.247401
0.001515 0.699909 16.961787 0.247401

COMB DL-G1-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.032494 -149.290933 -0.289095
-3.0E-05 -0.103727 -97.265567 -0.289095
0.25000 -0.032494 -111.525548 -0.289095
-3.0E-05 -0.404028 -43.532586 -0.289095
0.50000 -0.032494 -69.007601 -0.289095
-3.0E-05 0.374984 37.449894 -0.289095
0.75000 -0.032494 -30.882462 -0.289095
-3.0E-05 -0.329248 -31.989221 -0.289095
1.00000 -0.032494 -15.922247 -0.289095
-3.0E-05 -0.636124 -90.582167 -0.289095

COMB DL-G1-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.117377 9.512581 0.371983
0.001370 0.925313 16.529921 0.371983
0.25000 0.117377 26.204576 0.371983
0.001370 0.471351 59.188139 0.371983
0.50000 0.117377 60.352233 0.371983
0.001370 0.054689 79.717734 0.371983
0.75000 0.117377 94.661722 0.371983
0.001370 0.520366 95.998133 0.371983
1.00000 0.117377 123.389355 0.371983
0.001370 0.30929 15.682976 0.371983

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.046965 -122.218522 -0.422394
-0.000945 -1.03072 -86.448502 -0.422394
0.25000 -0.046965 -91.864482 -0.422394
-0.000945 -0.573963 -41.796547 -0.422394
0.50000 -0.046965 -56.627643 -0.422394
-0.000945 -0.068381 -20.0636 0.422394
0.75000 -0.046965 -25.479691 -0.422394
-0.000945 -0.484262 -33.399309 -0.422394
1.00000 -0.046965 -13.257308 -0.422394
-0.000945 -0.948127 -82.016436 -0.422394

COMB DL-G2-1 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.025549 0.858901 0.196693
1.16E-05 0.493778 2.499822 0.196693
0.25000 0.117377 0.870369 0.196693
1.16E-05 0.245891 1.969328 0.196693
0.50000 0.025549 0.890093 0.196693
1.16E-05 0.006793 1.808222 0.196693
0.75000 0.025549 0.911118 0.196693
1.16E-05 0.253036 1.287036 0.196693
1.00000 0.025549 0.928768 0.196693
1.16E-05 0.516661 1.144191 0.196693

COMB DL-G2-1 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.032575 -155.347285 -0.204540
-0.001496 -0.555990 -108.351048 -0.204540
0.25000 -0.032575 -116.202841 -0.204540

0.00000 -0.298796 -43.508150 -0.204540
0.50000 -0.032575 -79.530084 -0.204540
0.25000 -0.001496 -0.056644 -36.145573 -0.204540
0.75000 -0.032575 -41.864908 -0.204540
-0.001496 -0.179709 -29.754546 -0.204540
1.00000 -0.032575 -15.258315 -0.204540
-0.001496 -0.360550 -97.130071 -0.204540

COMB DB-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.073025 10.433234 0.178024
0.000877 0.441517 24.761722 0.178024
0.25000 0.073025 38.270809 0.178024
0.000877 0.220963 92.748970 0.178024
0.50000 0.073025 74.315846 0.178024
0.000877 0.054950 116.055519 0.178024
0.75000 0.073025 105.395407 0.178024
0.000877 0.318076 84.274081 0.178024
1.00000 0.073025 147.202527 0.178024
0.000877 0.626988 21.990307 0.178024

COMB DB-G2-3 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.038061 -144.980517 -0.262551
-0.001344 -0.703368 -104.451768 -0.262551

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.115920 9.675553 0.388800
0.000879 0.965749 16.659633 0.388800
0.25000 0.115920 28.842342 0.388800
0.000879 0.493207 60.470514 0.388800
0.50000 0.115920 61.805297 0.388800
0.000879 0.056284 81.582488 0.388800
0.75000 0.115920 96.946506 0.388800
0.000879 0.541916 55.213374 0.388800
1.00000 0.115920 126.444447 0.388800
0.000879 1.073827 15.862723 0.388800

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.036211 -137.991947 -0.354653
-0.001561 -0.931702 -91.804132 -0.354653
0.25000 -0.036211 -103.084994 -0.354653
-0.001561 -0.468697 -40.95598 0.354653
0.50000 -0.036211 -63.785198 -0.354653
-0.001561 -0.063171 -35.393141 -0.354653
0.75000 -0.036211 -28.545721 -0.354653
-0.001561 -0.401447 -30.429014 -0.354653
1.00000 -0.036211 -14.717833 -0.354653
-0.001561 -0.791302 -84.684081 -0.354653

COMB DL-G2-3 ----- MAX

REL DIST P M2 V2 V3
0.00000 0.115920 9.675553 0.388800
0.000879 0.965749 16.659633 0.388800
0.25000 0.115920 28.842342 0.388800
0.000879 0.493207 60.470514 0.38

0.00000 -0.046965 -166.179113 -0.440272
0.001561 -1.148827 -115.418550 -0.440272
0.50000 -0.057880 -46.054881 -0.440272
-0.001561 -0.587880 -46.054881 -0.440272
0.50000 -0.046965 -85.076729 -0.440272
0.001561 -0.070126 -38.293591 -0.440272
0.75000 -0.046965 -44.785931 -0.440272
-0.001561 -0.505258 -34.173340 -0.440272
1.00000 -0.046965 -16.324605 -0.440272
-0.001561 -0.992390 -103.413357 -0.440272

COMB DESIGN ----- MAX

REL DIST T M2 M3 V3
0.00000 0.117377 11.038257 0.388800
0.001515 0.965749 24.761722 0.388800
0.25000 0.117377 44.985049 0.388800
0.001515 0.492307 103.595435 0.388800
0.50000 0.117377 84.350835 0.388800
0.001515 0.059205 131.130205 0.388800
0.75000 0.117377 120.018173 0.388800
0.001515 0.541916 95.177049 0.388800
1.00000 0.117377 167.996608 0.388800
0.001515 1.073827 24.028611 0.388800

COMB DESIGN ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.046965 -166.179113 -0.440272
-0.001561 -1.148827 -115.418550 -0.440272
0.25000 -0.046965 -124.305928 -0.440272
-0.001561 -0.587880 -46.054881 -0.440272
0.50000 -0.046965 -85.076729 -0.440272
-0.001561 -0.070126 -38.293591 -0.440272
0.75000 -0.046965 -44.785931 -0.440272
-0.001561 -0.505258 -34.173340 -0.440272
1.00000 -0.046965 -16.324605 -0.440272
-0.001561 -0.992390 -103.413357 -0.440272

ELEM 256 ===== LENGTH
= 3.521318

COMB DB-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.020465 0.695179 0.158610
0.001037 0.020465 0.919142 0.158610
0.25000 0.020465 0.719550 0.158610
0.001037 0.129561 0.906388 0.158610
0.50000 0.020465 0.749656 0.158610
0.001037 0.001961 0.955330 0.158610
0.75000 0.020465 0.775048 0.158610
0.001037 0.137873 0.979650 0.158610
1.00000 0.020465 0.793763 0.158610
0.001037 0.282093 0.984212 0.158610

COMB DB-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.034381 -0.224231 -0.163844
-0.000581 -0.294867 -4.558043 -0.163844
0.25000 -0.034381 -0.205494 -0.163844
-0.000581 -0.150630 -4.437121 -0.163844
0.50000 -0.034381 -0.180085 -0.163844
-0.000581 -0.009778 -4.351188 -0.163844
0.75000 -0.034381 -0.149981 -0.163844
-0.000581 -0.149720 -4.265233 -0.163844
1.00000 -0.034381 -0.125615 -0.163844
-0.000581 -0.289341 -4.214386 -0.163844

COMB DB-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.045356 25.541630 0.290658
0.001220 0.493264 24.046233 0.290658
0.25000 0.045356 55.956356 0.290658
0.001220 0.237389 81.209430 0.290658
0.50000 0.045356 95.763562 0.290658
0.001220 0.055336 101.629201 0.290658
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FRAME ELEMENT INTERNA
L F O R C E S

REL DIST T M2 M3 V3
0.75000 0.045356 128.492730 0.290658
0.001220 0.268717 80.791516 0.290658
1.00000 0.045356 152.617347 0.290658
0.001220 0.530445 23.018732 0.290658

COMB DB-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.035861 -151.474059 -0.321114
-0.000701 -0.617584 -103.436022 -0.321114
0.25000 -0.035861 -127.321267 -0.321114
-0.000701 -0.040989 -58.528769 -0.321114
0.50000 -0.035861 -94.569652 -0.321114
-0.000701 -0.091141 -58.528769 -0.321114
0.75000 -0.035861 -55.764983 -0.321114
-0.000701 -0.030739 -58.528769 -0.321114
1.00000 -0.035861 -24.357823 -0.321114
-0.000701 -0.548590 -103.888581 -0.321114

COMB DB-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.069981 22.036234 0.402790
0.001513 0.684397 21.202018 0.402790
0.25000 0.069981 48.116071 0.402790
0.001513 0.323890 68.191549 0.402790
0.50000 0.069981 80.329299 0.402790
0.001513 0.047739 85.172466 0.402790
0.75000 0.069981 107.504017 0.402790
0.001513 0.368634 97.919389 0.402790
1.00000 0.069981 127.531942 0.402790
0.001513 0.737599 19.683599 0.402790

COMB DB-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.045754 -125.979313 -0.438886
-0.001395 -0.822208 -90.901685 -0.438886
0.25000 -0.045754 -105.928186 -0.438886
-0.001395 -0.435843 -52.696442 -0.438886
0.50000 -0.045754 -78.739575 -0.438886
-0.001395 -0.084789 -58.528769 -0.438886
0.75000 -0.045754 -46.523702 -0.438886
-0.001395 -0.403258 -52.653432 -0.438886
1.00000 -0.045754 -20.450174 -0.438886
-0.001395 -0.749193 -90.180637 -0.438886

COMB DB-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.030860 0.624225 0.173315
0.000534 0.308600 0.780456 0.173315
0.25000 0.030860 0.648597 0.173315
0.000534 0.153654 0.857955 0.173315
0.50000 0.030860 0.678703 0.173315
0.000534 0.001147 0.911914 0.173315
0.75000 0.030860 0.704094 0.173315
0.000534 0.153839 0.939329 0.173315
1.00000 0.030860 0.722810 0.173315
0.000534 0.313702 0.944615 0.173315

COMB DB-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.021835 -0.238765 -0.181613
-0.001008 -0.325829 -4.377255 -0.181613
0.25000 -0.021835 -0.220027 -0.181613

0.00000 -0.165950 -4.259620 -0.181613
0.50000 -0.021835 -0.194619 -0.181613
0.001008 -0.009148 -0.245985 -0.181613
0.75000 -0.021835 -0.164514 -0.181613
-0.001008 -0.160947 -0.4094275 -0.181613
1.00000 -0.021835 -0.140149 -0.181613
-0.001008 -0.312363 -4.046704 -0.181613

COMB DB-G2-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.061306 23.859689 0.310855
0.000650 0.529174 22.357876 0.310855
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FRAME ELEMENT INTERNA
L F O R C E S

REL DIST T M2 M3 V3
0.25000 0.061306 53.227227 0.310855
0.000650 0.257256 75.955749 0.310855
0.50000 0.061306 89.505482 0.310855
0.000650 0.051892 95.157110 0.310855
0.75000 0.061306 120.101710 0.310855
0.000650 0.290569 75.608067 0.310855
1.00000 0.061306 142.654289 0.310855
0.000650 0.575225 21.590069 0.310855

COMB DB-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.020501 -141.547617 -0.345607
-0.001244 -0.657926 -97.158141 -0.345607
0.25000 -0.020501 -118.968737 -0.345607
-0.001244 -0.353678 -55.108155 -0.345607
0.50000 -0.020501 -88.351488 -0.345607
-0.001244 -0.086122 -55.161276 -0.345607
0.75000 -0.020501 -52.079094 -0.345607
-0.001244 -0.318693 -55.214397 -0.345607
1.00000 -0.020501 -22.715139 -0.345607
-0.001244 -0.582604 -97.548894 -0.345607

COMB DB-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.071102 22.978259 0.409210
0.001320 0.695833 22.010351 0.409210
0.25000 0.071102 50.352216 0.409210
0.001320 0.337276 71.542745 0.409210
0.50000 0.071102 84.167765 0.409210
0.001320 0.049846 89.284311 0.409210
0.75000 0.071102 112.687083 0.409210
0.001320 0.376471 71.171139 0.409210
1.00000 0.071102 133.708628 0.409210
0.001320 0.752434 20.852798 0.409210

COMB DB-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.037695 -132.180403 -0.447816
-0.001543 -0.839532 -93.998380 -0.447816
0.25000 -0.037695 -111.134309 -0.447816
-0.001543 -0.445306 -54.741316 -0.447816
0.50000 -0.037695 -89.585431 -0.447816
-0.001543 -0.087646 -54.729239 -0.447816
0.75000 -0.037695 -48.782083 -0.447816
-0.001543 -0.409962 -54.717383 -0.447816
1.00000 -0.037695 -21.417273 -0.447816
-0.001543 -0.761120 -94.117199 -0.447816

COMB DL-G1-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.018073 0.755033 0.338040
0.001093 0.581518 1.398809 0.338040
0.25000 0.018073 0.761804 0.338040
0.001093 0.283948 1.216977 0.338040
0.50000 0.018073 0.779725 0.338040
0.001093 0.002350 1.190232 0.338040
0.75000 0.018073 0.798815 0.338040
0.001093 0.253009 1.217739 0.338040
1.00000 0.018073 0.815852 0.338040
0.001093 0.512833 1.257125 0.338040

COMB DL-G1-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.059918 -0.274024 -0.294833
-0.000564 -0.526339 -0.274024 -0.294833
0.25000 -0.059918 -0.256996 -0.294833
-0.000564 -0.266596 -0.256996 -0.294833
0.50000 -0.059918 -0.237917 -0.294833
-0.000564 -0.017925 -0.237917 -0.294833
0.75000 -0.059918 -0.219999 -0.294833
-0.000564 -0.011336 -0.2163425 -0.294833
1.00000 -0.059918 -0.204256 -0.294833
-0.000564 -0.608926 -9.405143 -0.294833
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FRAME ELEMENT INTERNA
L F O R C E S

COMB DL-G1-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.072771 25.440222 0.576495
0.0001249 0.988685 16.981106 0.576495
0.25000 0.072771 36.953254 0.576495
0.0001249 0.482457 51.389615 0.576495
0.50000 0.072771 72.706654 0.576495
0.0001249 0.050484 69.69407 0.576495
0.75000 0.072771 110.791282 0.576495
0.0001249 0.439627 51.052720 0.576495
1.00000 0.072771 144.779050 0.576495
0.001249 0.871103 16.253927 0.576495

COMB DL-G1-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.058851 -143.659311 -0.511734
-0.000657 -0.949465 -90.598609 -0.511734
0.25000 -0.058851 -109.88751 -0.511734
-0.000657 -0.501570 -56.828422 -0.511734
0.50000 -0.058851 -71.625298 -0.511734
-0.000657 -0.081636 -57.312599 -0.511734
0.75000 -0.058851 -35.870644 -0.511734
-0.000657 -0.564662 -57.961838 -0.511734
1.00000 -0.058851 -24.422561 -0.511734
-0.000657 -1.068540 -93.014710 -0.511734

COMB DL-G1-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.118665 21.699661 0.841992
0.001497 1.447406 15.679496 0.841992
0.25000 0.118665 34.435325 0.841992
0.001497 0.708672 43.435325 0.841992
0.50000 0.118665 60.315980 0.841992
0.001497 0.043584 58.104803 0.841992
0.75000 0.118665 91.430835 0.841992
0.001497 0.651213 42.910976 0.841992
1.00000 0.118665 119.198586 0.841992
0.001497 1.303778 14.643142 0.841992

COMB DL-G1-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.021835 -0.238765 -0.181613
-0.001008 -0.325829 -4.377255 -0.181613
0.25000 -0.021835 -0.220027 -0.181613

0.00000 -0.063368 -117.714771 -0.758985
-0.001374 -0.384294 -82.009640 -0.758985
0.25000 -0.063368 -89.960065 -0.758985
-0.001374 -0.718322 -54.632240 -0.758985
0.50000 -0.063368 -58.863524 -0.758985
-0.001374 0.083971 -55.276268 -0.758985
0.75000 -0.063368 -29.659593 -0.758985
-0.001374 -0.798538 -56.129405 -0.758985
1.00000 -0.063368 -20.299243 -0.758985
-0.001374 -1.536955 -85.143898 -0.758985

COMB DL-G2-1 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.050426 0.736459 0.412716
0.000491 0.718939 1.110225 0.412716
0.25000 0.050426 0.26857 -0.412716
0.000491 0.354119 0.73523 0.412716
0.50000 0.050426 0.760151 0.412716
0.000491 0.002178 1.109228 0.412716
0.75000 0.050426 0.779241 0.412716
0.000491 0.332522 1.161677 0.412716
1.00000 0.050426 0.796278 0.412716
0.000491 0.673224 1.208248 0.412716

COMB DL-G2-1 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.020279 -0.285606 -0.387075
-0.001047 -0.689850 -8.006796 -0.387075
0.25000 -0.020279 -0.26857 -0.387075
-0.001047 -0.349133 -8.187577 -0.387075
0.50000 -0.020279 -0.249498 -0.387075
-0.001047 -0.071713 -8.425973 -0.387075
0.75000 -0.020279 -0.23158 -0.387075
-0.001047 -0.374099 -8.710930 -0.387075
1.00000 -0.020279 -0.225838 -0.387075
-0.001047 -0.736020 -9.063063 -0.387075
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FRAME ELEMENT INTERNA
L F O R C E S

COMB DL-G2-2 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.118369 23.572905 0.680478
0.000591 1.172107 15.642838 0.680478
0.25000 0.118369 34.214524 0.680478
0.000591 0.349133 47.43906 0.680478
0.50000 0.118369 67.261776 0.680478
0.000591 0.046893 64.516351 0.680478
0.75000 0.118369 102.463809 0.680478
0.000591 0.544869 67.299291 0.680478
1.00000 0.118369 183.879069 0.680478
0.000591 1.084518 15.139464 0.680478

COMB DL-G2-2 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.021048 -132.760776 -0.633806
-0.001265 -1.163273 -84.644609 -0.633806
0.25000 -0.021048 -101.360275 -0.633806
-0.001265 -0.608079 -53.499912 -0.633806
0.50000 -0.021048 -66.78962 -0.633806
-0.001265 -0.077643 -54.023705 -0.633806
0.75000 -0.021048 -33.138868 -0.633806
-0.001265 -0.640794 -54.03520 -0.633806
1.00000 -0.021048 -22.489624 -0.633806
-0.001265 -1.245685 -87.174355 -0.633806

COMB DL-G2-3 ----- MAX

REL DIST T M2 M3 V3
0.00000 0.125707 22.180511 0.867506
0.001296 1.493035 15.842928 0.867506
0.25000 0.125707 31.825588 0.867506
0.001296 0.732400 44.357326 0.867506
0.50000 0.125707 61.771701 0.867506
0.001296 0.044555 59.481829 0.867506
0.75000 0.125707 93.682980 0.867506
0.001296 0.679616 43.953306 0.867506
1.00000 0.125707 128.492730 0.867506
0.001296 1.360583 14.980209 0.867506

COMB DL-G2-3 ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.040616 -120.672914 -0.791886
-0.001531 -1.443007 -90.598609 -0.791886
0.25000 -0.040616 -92.213231 -0.791886
-0.001531 -0.748454 -55.710061 -0.791886
0.50000 -0.040616 -60.326826 -0.791886
-0.001531 -0.218957 -50.774701 -0.791886
0.75000 -0.040616 -30.381106 -0.791886
-0.001531 -0.820647 -57.110541 -0.791886
1.00000 -0.040616 -20.783000 -0.791886
-0.001531 -1.581435 -86.778626 -0.791886

COMB DB ----- MAX

REL DIST T M2 M3 V3
0.00000 0.071102 25.541630 0.409210
0.001513 0.695833 24.046233 0.409210
0.25000 0.071102 50.352216 0.409210
0.001513 0.337276 71.542745 0.409210
0.50000 0.071102 84.167765 0.409210
0.001513 0.055336 101.629201 0.409210
0.75000 0.071102 128.492730 0.409210
0.001513 0.737599 19.683599 0.409210

COMB DB ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.045754 -151.474059 -0.447816
-0.001543 -0.839532 -93.998380 -0.447816
0.25000 -0.045754 -125.979313 -0.447816
-0.001543 -0.435843 -52.696442 -0.447816
0.50000 -0.045754 -78.739575 -0.447816
-0.001543 -0.084789 -58.528769 -0.447816
0.75000 -0.045754 -46.523702 -0.447816
-0.001543 -0.409962 -54.717383 -0.447816
1.00000 -0.045754 -20.450174 -0.447816
-0.001543 -0.749193 -90.180637 -0.447816

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FRAME ELEMENT INTERNA
L F O R C E S

COMB DB ----- MAX

REL DIST T M2 M3 V3
0.00000 0.125707 25.541630 0.867506
0.001513 1.493035 15.842928 0.867506
0.25000 0.125707 31.825588 0.867506
0.001513 0.732400 44.357326 0.867506
0.50000 0.125707 61.771701 0.867506
0.001513 0.044555 59.481829 0.867506
0.75000

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FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.055071	-36.340354	-0.178412
0.001504	-0.384098	-41.401150	
1.00000	-0.040018	-99.067231	-0.178412
-0.001504	-0.712055	-99.067231	
COMB DB-G2-1 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00004	0.038576	0.095063	0.104985
0.001087	0.25221	0.924263	
0.25000	0.038576	0.117163	0.104985
0.001087	0.120171	0.996317	
0.50000	0.038576	0.148443	0.104985
0.001087	0.176837	1.176837	
0.75000	0.038576	0.178897	0.104985
0.001087	0.105010	1.056909	
1.00000	0.038576	0.211346	0.104985
0.001087	0.207381	1.028399	

COMB DB-G2-1 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.027018	-0.760718	-0.081402
-0.000433	-0.071344	-0.079159	
0.25000	-0.027018	-0.723545	-0.081402
-0.000433	-0.103255	-3.524294	
0.50000	-0.027018	-0.695856	-0.081402
-0.000433	-0.011711	-3.293038	
0.75000	-0.027018	-0.663741	-0.081402
-0.000433	-0.143918	-3.321928	
1.00000	-0.027018	-0.638939	-0.081402
-0.000433	-0.275961	-3.452198	
COMB DB-G2-2 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.071344	15.240711	0.201693
0.001336	0.462194	21.533243	
0.25000	0.071344	41.870875	0.201693
0.001336	0.228902	87.921019	
0.50000	0.071344	79.563560	0.201693
0.001336	0.052213	120.681360	
0.75000	0.071344	116.260536	0.201693
0.001336	0.184740	93.935112	
1.00000	0.071344	155.361078	0.201693
0.001336	0.346188	19.245534	

COMB DB-G2-2 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.031186	-156.915384	-0.141300
-0.000522	-0.370672	-97.636841	
0.25000	-0.031186	-112.121536	-0.141300
-0.000522	-0.031186	-29.653639	
0.50000	-0.031186	-78.756336	-0.141300
-0.000522	-0.062833	-35.559765	
0.75000	-0.031186	-40.057860	-0.141300
-0.000522	-0.305124	-43.345858	
1.00000	-0.031186	-10.172232	-0.141300
-0.000522	-0.558798	-108.229832	
COMB DB-G2-3 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.082815	14.386170	0.263856
0.001546	0.612205	20.800599	
0.25000	0.082815	39.208582	0.263856
0.001546	0.230333	82.651755	
0.50000	0.082815	73.342539	0.263856
0.001546	0.051235	113.245991	
0.75000	0.082815	108.548404	0.263856
0.001546	0.230333	88.494376	
1.00000	0.082815	144.994632	0.263856
0.001546	0.448040	19.425099	

COMB DB-G2-3 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.046575	-146.937525	-0.183205
-0.001254	-0.479407	-94.225242	
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FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.046575	-105.184453	-0.183205
-0.001254	-0.254801	-30.202394	
0.50000	-0.046575	-74.084211	-0.183205
-0.001254	-0.067917	-35.716317	
0.75000	-0.046575	-36.012735	-0.183205
-0.001254	-0.369241	-43.021362	
1.00000	-0.046575	-10.130136	-0.183205
-0.001254	-0.721100	-103.543232	
COMB DL-G1-1 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.021655	0.035229	0.198287
0.000437	0.480148	1.271715	
0.25000	0.021655	0.100988	0.198287
0.000437	0.230753	1.309684	
0.50000	0.021655	0.120110	0.198287
0.000437	0.040884	1.366957	
0.75000	0.021655	0.141437	0.198287
0.000437	0.167960	1.505899	
1.00000	0.021655	0.180383	0.198287
0.000437	0.336320	1.980736	

COMB DL-G1-1 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063778	-0.891994	-0.134021
-0.001227	-0.384098	-41.870875	
0.25000	-0.063778	-0.874334	-0.134021
-0.001227	-0.172168	-8.747129	
0.50000	-0.063778	-0.853298	-0.134021
-0.001227	-0.023033	-8.093831	
0.75000	-0.063778	-0.833561	-0.134021
-0.001227	-0.268142	-7.544187	
1.00000	-0.063778	-0.822130	-0.134021
-0.001227	-0.517413	-7.095229	
COMB DL-G1-2 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.075657	15.928957	0.344816
0.000512	0.927032	16.255419	
0.25000	0.075657	30.810553	0.344816
0.000512	0.410439	63.365138	
0.50000	0.075657	68.957222	0.344816
0.000512	0.056644	94.408215	
0.75000	0.075657	111.505139	0.344816
0.000512	0.292322	68.205743	
1.00000	0.075657	149.303334	0.344816
0.000512	0.549913	15.028800	

COMB DL-G1-2 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063778	-0.891994	-0.134021
-0.001227	-0.384098	-41.870875	
0.25000	-0.063778	-0.874334	-0.134021
-0.001227	-0.172168	-8.747129	
0.50000	-0.063778	-0.853298	-0.134021
-0.001227	-0.023033	-8.093831	
0.75000	-0.063778	-0.833561	-0.134021
-0.001227	-0.268142	-7.544187	
1.00000	-0.063778	-0.822130	-0.134021
-0.001227	-0.517413	-7.095229	

0.00000	-0.063839	-149.665689	-0.219724
0.001395	-0.569838	-93.099784	
0.25000	-0.063839	-114.435537	-0.219724
-0.001395	-0.297847	-34.403469	
0.50000	-0.063839	-72.467284	-0.219724
0.001395	0.074290	-39.924151	
0.75000	-0.063839	-31.293583	-0.219724
-0.001395	-0.492952	-46.048535	
1.00000	-0.063839	-10.288139	-0.219724
-0.001395	-0.925429	-101.084862	
COMB DL-G1-3 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.123676	13.206657	0.490965
0.001317	1.180282	14.619416	
0.25000	0.123676	25.364809	0.490965
0.001317	0.581694	53.021858	
0.50000	0.123676	56.530350	0.490965
0.001317	0.049041	78.458115	
0.75000	0.123676	91.291679	0.490965
0.001317	0.427644	57.442226	
1.00000	0.123676	122.172519	0.490965
0.001317	0.831657	14.562768	
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FRAME ELEMENT INTERNAL FORCES			
COMB DL-G1-3 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.070946	-123.206989	-0.333451
-0.001542	-0.857627	-85.208205	
0.25000	-0.070946	-92.424537	-0.333451
-0.001542	-0.441883	-36.566784	
0.50000	-0.070946	-60.136743	-0.333451
-0.001542	-0.080993	-40.449012	
0.75000	-0.070946	-44.944390	-0.333451
-0.001542	-0.681650	-44.944390	
1.00000	-0.070946	-9.336579	-0.333451
-0.001542	-1.298433	-89.461282	
COMB DL-G2-1 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.055521	0.118740	0.229803
0.001195	0.560777	1.172369	
0.25000	0.055521	0.126200	0.229803
0.001195	0.071462	1.235077	
0.50000	0.055521	0.145321	0.229803
0.001195	0.003189	1.269433	
0.75000	0.055521	0.186648	0.229803
0.001195	0.212978	1.374169	
1.00000	0.055521	0.185595	0.229803
0.001195	0.450844	1.609907	

COMB DL-G2-1 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025557	-0.868220	-0.179629
-0.000375	-0.453169	-9.036832	
0.25000	-0.025557	-0.850560	-0.179629
-0.000375	-0.228184	-8.346209	
0.50000	-0.025557	-0.822547	-0.179629
-0.000375	-0.020247	-7.696570	
0.75000	-0.025557	-0.809787	-0.179629
-0.000375	-0.305037	-7.135223	
1.00000	-0.025557	-0.796356	-0.179629
-0.000375	-0.594442	-6.741959	
COMB DL-G2-2 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.122498	14.704819	0.390808
0.001439	0.938574	15.082484	
0.25000	0.122498	28.460038	0.390808
0.001439	0.468294	58.658297	
0.50000	0.122498	67.914115	0.390808
0.001439	0.050839	97.737552	
0.75000	0.122498	103.406914	0.390808
0.001439	0.364672	63.113756	
1.00000	0.122498	137.984119	0.390808
0.001439	0.697463	13.930305	

COMB DL-G2-2 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.027351	-138.428250	-0.278294
-0.000445	-0.717125	-81.431955	
0.25000	-0.027351	-105.864640	-0.278294
-0.000445	-0.371610	-32.855541	
0.50000	-0.027351	-67.072932	-0.278294
-0.000445	-0.069279	-37.619415	
0.75000	-0.027351	-60.879396	-0.278294
-0.000445	-0.546153	-43.452483	
1.00000	-0.027351	-9.600079	-0.278294
-0.000445	-1.037114	-94.262436	
COMB DL-G2-3 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.132208	13.526472	0.502184
0.001591	1.208659	14.933381	
0.25000	0.132208	22.980659	0.502184
0.001591	0.596496	54.303141	
0.50000	0.132208	57.950602	0.502184
0.001591	0.049435	80.336362	
0.75000	0.132208	93.591615	0.502184
0.001591	0.448637	58.717325	
1.00000	0.132208	125.260104	0.502184
0.001591	0.872229	14.695684	
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0.00000 -0.031814 -1.061039 -0.125548
0.001439 -0.322262 -1.29907 -0.125548
0.25000 -0.051814 -1.042571 -0.125548
-0.001439 -0.164367 -6.365794 -0.125548
0.50000 -0.031814 -1.021546 -0.125548
0.001439 -0.013937 -5.75619 -0.125548
0.75000 -0.051814 -1.020624 -0.125548
-0.001439 -0.277550 -5.323320 -0.125548
1.00000 -0.031814 -0.993439 -0.125548
0.001439 -0.554146 -5.036964 -0.125548
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COMB DL-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.092903 14.982010 0.379897
3.34E-05 0.951623 15.022484 0.379897
0.25000 0.092903 14.982010 0.379897
3.34E-05 0.497991 68.208440 0.379897
0.50000 0.092903 70.249548 0.379897
3.34E-05 0.092903 11.207534 0.379897
0.75000 0.092903 71.506554 0.379897
3.34E-05 0.242163 71.506554 0.379897
1.00000 0.092903 149.199712 0.379897
3.34E-05 0.495954 20.094181 0.379897

COMB DL-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.030486 -151.370786 -0.190749
-0.001655 -0.525074 -101.177740 -0.190749
0.25000 -0.030486 -114.027817 -0.190749
-0.001655 -0.285446 -43.627457 -0.190749
0.50000 -0.030486 -72.582670 -0.190749
-0.001655 -0.063974 -40.931750 -0.190749
0.75000 0.359911 61.828232 -0.190749
-0.001655 -0.506297 -42.569282 -0.190749
1.00000 -0.030486 -16.509280 -0.190749
-0.001655 -0.977555 -97.223075 -0.190749

COMB DL-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.116401 12.403126 0.534410
0.001027 1.343326 14.530413 0.534410
0.25000 0.116401 26.161756 0.534410
0.001027 0.606126 58.009412 0.534410
0.50000 0.116401 57.556289 0.534410
0.001027 0.063278 83.10627 0.534410
0.75000 0.116401 91.835689 0.534410
0.001027 0.359911 61.828232 0.534410
1.00000 0.116401 122.057979 0.534410
0.001027 0.707440 20.744977 0.534410

COMB DL-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.053239 -124.769156 -0.291667
-0.001501 -0.780326 -89.541903 -0.291667
0.25000 -0.053239 -94.668891 -0.291667
-0.001501 -0.413617 -41.786191 -0.291667
0.50000 -0.053239 -60.000121 -0.291667
-0.001501 -0.065930 -40.639729 -0.291667
0.75000 -0.053239 -28.919721 -0.291667
0.001501 0.692008 -39.910200 -0.291667
1.00000 -0.053239 -14.584633 -0.291667
-0.001501 -1.359253 -84.262050 -0.291667

COMB DL-G2-1 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.026126 0.065451 0.244623
0.001461 0.617995 1.578822 0.244623
0.25000 0.026126 0.073892 0.244623
0.001461 0.309907 1.909926 0.244623
0.50000 0.026126 0.313154 0.244623
0.001461 0.006955 5.238129 0.244623
0.75000 0.026126 0.114185 0.244623
0.001461 0.198993 2.980175 0.244623
1.00000 0.026126 0.527498 0.244623
0.001461 0.407918 3.731854 0.244623

COMB DL-G2-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.048408 -1.012320 -0.166202
-3.04E-07 -0.295184 -94.297759 -0.166202
0.25000 -0.048408 -0.993834 -0.166202
-1.29E-05 -0.219254 -6.146794 -0.166202
0.50000 -0.048408 -0.972809 -0.166202
-1.29E-05 -0.019523 -5.731969 -0.166202
0.75000 -0.048408 -0.953495 -0.166202
-1.29E-05 -0.303593 -5.430464 -0.166202
1.00000 -0.048408 -0.944702 -0.166202
-1.29E-05 -0.611167 -2.274928 -0.166202
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COMB DL-G2-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.082397 13.815390 0.418281
-3.04E-07 0.052949 13.940670 0.418281
0.25000 0.082397 29.381719 0.418281
0.001725 0.547930 63.225141 0.418281
0.50000 0.082397 64.900371 0.418281
0.001725 0.064533 91.455491 0.418281
0.75000 0.082397 103.682636 0.418281
0.001725 0.303213 66.464911 0.418281
1.00000 0.082397 137.874858 0.418281
0.001725 0.589419 19.042071 0.418281

COMB DL-G2-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.051977 -140.009070 -0.244006
-3.04E-07 -0.651972 -94.297759 -0.244006
0.25000 -0.051977 -105.954902 -0.244006
-3.04E-07 -0.354635 -41.024884 -0.244006
0.50000 -0.051977 -67.184551 -0.244006
-3.04E-07 -0.049977 -29.310307 -0.244006
0.75000 -0.051977 -31.569069 -0.244006
-3.04E-07 -0.546447 -39.942557 -0.244006
1.00000 -0.051977 -15.355312 -0.244006
-3.04E-07 -1.067429 -90.441808 -0.244006

COMB DL-G2-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.113286 12.700443 0.543384
0.001553 1.366941 14.648693 0.543384
0.25000 0.113286 26.161756 0.543384
0.001553 0.703241 59.308026 0.543384
0.50000 0.113286 59.000511 0.543384
0.001553 0.064510 85.112381 0.543384
0.75000 0.113286 94.150919 0.543384
0.001553 0.375635 63.120901 0.543384
1.00000 0.113286 125.140566 0.543384
0.001553 0.741539 20.920487 0.543384

COMB DL-G2-3 ----- MIN

REL DIST T P M2 M3 V3

0.00000 -0.055931 -127.853438 -0.305781
0.000985 -0.817552 -91.419381 -0.305781
0.25000 -0.055931 -96.988613 -0.305781
-0.000985 -0.433262 -42.638686 -0.305781
0.50000 -0.055931 -61.849305 -0.305781
0.000985 -0.066596 -41.629112 -0.305781
-1.00000 -0.055931 -29.569395 -0.305781
-0.000985 -0.702322 -40.878267 -0.305781
1.00000 -0.055931 -14.874139 -0.305781
-0.000985 -1.380964 -86.456789 -0.305781

COMB DB ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.079556 15.240591 0.306341
0.001588 0.751506 20.580850 0.306341
0.25000 0.079556 45.978166 0.306341
0.001588 0.392959 97.797793 0.306341
0.50000 0.079556 86.451193 0.306341
0.001588 0.069183 134.867519 0.306341
0.75000 0.079556 124.927383 0.306341
0.001588 0.203644 104.673542 0.306341
1.00000 0.079556 167.189258 0.306341
0.001588 0.406317 25.771587 0.306341

COMB DB ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.048181 -168.927168 -0.163718
-0.001528 -0.427992 -115.376515 -0.163718
0.25000 -0.048181 -126.192462 -0.163718
-0.001528 -0.229113 -45.219099 -0.163718
0.50000 -0.048181 -87.778413 -0.163718
-0.001528 -0.071105 -44.738873 -0.163718
0.75000 -0.048181 -47.234161 -0.163718
-0.001528 0.375635 71.506554 -0.163718
1.00000 -0.048181 -16.278913 -0.163718
-0.001528 -0.803359 -115.456389 -0.163718
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.116401 14.982010 0.543384
0.001725 1.366841 15.022484 0.543384
0.25000 0.116401 31.822373 0.543384
0.001725 0.606126 58.009412 0.543384
0.50000 0.116401 70.249548 0.543384
0.001725 0.068293 86.625884 0.543384
0.75000 0.116401 112.207584 0.543384
0.001725 0.359911 61.828232 0.543384
1.00000 0.116401 149.199712 0.543384
0.001725 0.741539 20.920487 0.543384

COMB DL ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.055931 -151.370786 -0.305781
-0.001655 -0.817552 -101.177740 -0.305781
0.25000 -0.055931 -114.527817 -0.305781
-0.001655 -0.433262 -43.627457 -0.305781
0.50000 -0.055931 -60.000121 -0.305781
-0.001655 -0.066596 -42.931750 -0.305781
0.75000 -0.055931 -34.050736 -0.305781
0.001655 -0.702322 -40.878267 -0.305781
1.00000 -0.055931 -16.509280 -0.305781
-0.001655 -1.380964 -86.456789 -0.305781

COMB CAR ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.116401 15.240591 0.543384
0.001725 1.366841 20.580850 0.543384
0.25000 0.116401 45.978166 0.543384
0.001725 0.703241 97.797793 0.543384
0.50000 0.116401 86.451193 0.543384
0.001725 0.069183 134.867519 0.543384
0.75000 0.116401 124.927383 0.543384
0.001725 0.375635 104.673542 0.543384
1.00000 0.116401 167.189258 0.543384
0.001725 0.741539 25.771587 0.543384

COMB CAR ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.055931 -168.927168 -0.305781
-0.001655 -0.817552 -115.376515 -0.305781
0.25000 -0.055931 -126.192462 -0.305781
-0.001655 -0.433262 -45.219099 -0.305781
0.50000 -0.055931 -87.778413 -0.305781
-0.001655 -0.071105 -44.738873 -0.305781
0.75000 -0.055931 -47.234161 -0.305781
-0.001655 -0.702322 -40.878267 -0.305781
1.00000 -0.055931 -16.509280 -0.305781
-0.001655 -1.380964 -86.456789 -0.305781

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.116401 15.240591 0.543384
0.001725 1.366841 20.580850 0.543384
0.25000 0.116401 45.978166 0.543384
0.001725 0.703241 97.797793 0.543384
0.50000 0.116401 86.451193 0.543384
0.001725 0.069183 134.867519 0.543384
0.75000 0.116401 124.927383 0.543384
0.001725 0.375635 104.673542 0.543384
1.00000 0.116401 167.189258 0.543384
0.001725 0.741539 25.771587 0.543384

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.055931 -168.927168 -0.305781
-0.001655 -0.817552 -115.376515 -0.305781
0.25000 -0.055931 -126.192462 -0.305781
-0.001655 -0.433262 -45.219099 -0.305781
0.50000 -0.055931 -87.778413 -0.305781
-0.001655 -0.071105 -44.738873 -0.305781
0.75000 -0.055931 -47.234161 -0.305781
-0.001655 -0.702322 -40.878267 -0.305781
1.00000 -0.055931 -16.509280 -0.305781
-0.001655 -1.380964 -86.456789 -0.305781

COMB DESIGN ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.116401 15.240591 0.543384
0.001725 1.366841 20.580850 0.543384
0.25000 0.116401 45.978166 0.543384
0.001725 0.703241 97.797793 0.543384
0.50000 0.116401 86.451193 0.543384
0.001725 0.069183 134.867519 0.543384
0.75000 0.116401 124.927383 0.543384
0.001725 0.375635 104.673542 0.543384
1.00000 0.116401 167.189258 0.543384
0.001725 0.741539 25.771587 0.543384

COMB DESIGN ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.055931 -168.927168 -0.305781
-0.001655 -0.817552 -115.376515 -0.305781
0.25000 -0.055931 -126.192462 -0.305781
-0.001655 -0.433262 -45.219099 -0.305781
0.50000 -0.055931 -87.778413 -0.305781
-0.001655 -0.071105 -44.738873 -0.305781
0.75000 -0.055931 -47.234161 -0.305781
-0.001655 -0.702322 -40.878267 -0.305781
1.00000 -0.055931 -16.509280 -0.305781
-0.001655 -1.380964 -86.456789 -0.305781

COMB DB-G1-1 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.009876 -0.928516 -0.073655
-0.001277 -0.184168 -3.677695 -0.073655
0.25000 -0.009876 -0.895602 -0.073655
-0.001277 0.091521 -3.529716 -0.073655
0.50000 -0.009876 -0.865809 -0.073655
-0.001277 -0.008680 -3.435048 -0.073655
0.75000 -0.009876 -0.834408 -0.073655
1.00000 -0.009876 -0.842158 -0.073655
-0.001277 -0.273631 -3.302362 -0.073655

COMB DB-G1-2 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.074558 15.346279 0.221603
4.40E-05 0.567366 25.194255 0.221603
0.25000 0.074558 46.204784 0.221603
4.40E-05 0.307458 106.148623 0.221603
0.50000 0.074558 86.673803 0.221603
4.40E-05 0.080836 139.517903 0.221603
0.75000 0.074558 125.087487 0.221603
4.40E-05 0.139934 108.976811 0.221603
1.00000 0.074558 167.420061 0.221603
4.40E-05 0.253883 29.384769 0.221603

COMB DB-G1-2 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.009271 -168.799266 -0.102503
-0.001496 -0.267808 -115.456426 -0.102503
0.25000 -0.009271 -126.372809 -0.102503
-0.001496 -0.149164 -45.261147 -0.102503
0.50000 -0.009271 -87.969076 -0.102503
-0.001496 0.067827 43.784800 -0.102503
0.75000 -0.009271 -47.493624 -0.102503
-0.001496 -0.302820 -44.594690 -0.102503
1.00000 -0.009271 -16.613567 -0.102503
-0.001496 -0.581052 -113.824496 -0.102503

COMB DB-G1-3 ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.082006 12.954981 0.292699
0.000972 0.749600 25.102006 0.292699
0.25000 0.082006 38.573047 0.292699
0.000972 0.397110 92.556641 0.292699
0.50000 0.082006 72.169387 0.292699
0.000972 0.076704 106.070768 0.292699
0.75000 0.082006 104.059765 0.292699
0.000972 0.195895 96.011056 0.292699
1.00000 0.082006 139.203355 0.292699
0.000972 0.370924 30.854438 0.292699

COMB DB-G1-3 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.044136 -141.040760 -0.148958
-0.001348 -0.383487 99.255461 -0.148958
0.25000 -0.044136 -105.819214 -0.148958
-0.001348 -0.204661 -40.890673 -0.148958
0.50000 -0.044136 -73.937693 -0.148958
-0.001348 0.644428 39.574880 -0.148958
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REL DIST T P M2 M3 V3

0.75000 -0.044136 -141.040760 -0.148958

-0.001348 -0.383385 -40.157032 -0.148958

0.00000 -0.085064 -139.874084 -0.195743
2.84E-07 -0.537979 -90.430581
0.25000 -0.085064 105.738028 -0.195743
-2.84E-07 -0.291708 -37.979203
0.50000 -0.085064 -66.991854 -0.195743
-2.84E-07 -0.584241 -37.979203
0.75000 -0.085064 -66.991854 -0.195743
-2.84E-07 -0.490014 -37.979203
1.00000 -0.085064 -15.626836 -0.195743
-2.84E-07 -0.970314 -88.422090

COMB DL-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.106942 13.123821 0.505286
0.001406 1.298989 20.843103 0.505286
0.25000 0.106942 27.372582 0.505286
0.50000 0.106942 66.000087 0.505286
0.75000 0.106942 59.571950 0.505286
1.00000 0.106942 91.895902 0.505286
1.00000 0.106942 94.686737 0.505286
0.001406 0.311352 69.745434 0.505286
1.00000 0.106942 125.627394 0.505286
0.001406 0.605011 27.556896
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.078905 -127.706266 -0.250214
-0.000920 -0.675071 -86.458039
0.25000 -0.078905 -96.767267 -0.250214
-0.000920 -0.360330 -32.556976
0.50000 -0.078905 -61.649827 -0.250214
0.000920 -0.058522 -38.170251
0.75000 -0.078905 -49.594690 -0.250214
-0.000920 -0.633245 -37.817694
1.00000 -0.078905 -15.035405 -0.250214
-0.000920 -1.264328 -83.758075

COMB DB ----- MAX

REL DIST P M2 M3 V3
0.00000 0.082006 15.346279 0.295431
0.001532 0.756345 25.717764 0.295431
0.25000 0.082006 46.204784 0.295431
0.50000 0.082006 106.148623 0.295431
0.001532 0.082166 139.517903 0.295431
0.75000 0.082006 125.087487 0.295431
0.001532 0.198912 108.976811 0.295431
1.00000 0.082006 167.420061 0.295431
0.001532 0.376304 31.457471

COMB DB ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.065740 -168.799286 -0.151431
-0.001496 -0.390736 -115.456426
0.25000 -0.065740 -126.372809 -0.151431
-0.001496 -0.209235 -45.261147
0.50000 -0.065740 -66.991854 -0.151431
-0.001496 -0.067827 -43.784800
0.75000 -0.065740 -47.493624 -0.151431
-0.001496 -0.093362 -44.594690 -0.151431
1.00000 -0.065740 -16.815496 -0.151431
-0.001496 -0.759766 -113.824496

COMB DL ----- MAX

REL DIST P M2 M3 V3
0.00000 0.121109 15.430371 0.505286
0.001562 1.298989 20.843103 0.505286
0.25000 0.121109 32.438854 0.505286
0.001562 0.680628 73.533394 0.505286
0.50000 0.121109 70.046403 0.505286
0.75000 0.121109 112.790519 0.505286
0.001562 0.311352 76.241773 0.505286
1.00000 0.121109 149.093923 0.505286
0.001562 0.605011 27.556896

COMB DL ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.085064 -151.250829 -0.250214
-0.001516 -0.101707 -47.786510
0.25000 -0.085064 -114.319466 -0.250214
-0.001516 -0.360330 -40.512650
0.50000 -0.085064 -72.404776 -0.250214
-0.001516 -0.098522 -40.096403 -0.250214
0.75000 -0.085064 -39.816267 -0.250214
-0.001516 -0.633245 -39.816267 -0.250214
1.00000 -0.085064 -16.829321 -0.250214
-0.001516 -1.264328 -83.758075

COMB CAR ----- MAX

REL DIST P M2 M3 V3
0.00000 0.121109 15.430371 0.505286
0.001562 1.298989 25.717764 0.505286
0.25000 0.121109 46.204784 0.505286
0.001562 0.680628 106.148623 0.505286
0.50000 0.121109 86.673603 0.505286
0.001562 0.084037 139.517903 0.505286
0.75000 0.121109 125.087487 0.505286
0.001562 0.311352 108.976811 0.505286
1.00000 0.121109 167.420061 0.505286
0.001562 0.605011 31.457471
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FRAME ELEMENT INTERNA
L FORCES

COMB CAR ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.085064 -168.799286 -0.250214
0.001516 -0.085064 -126.372809 -0.250214
-0.001516 -0.360330 -45.261147
0.50000 -0.085064 -87.969593 -0.250214
-0.001516 -0.098522 -40.096403 -0.250214
0.75000 -0.085064 -47.493624 -0.250214
-0.001516 -0.633245 -44.594690 -0.250214
1.00000 -0.085064 -16.829321 -0.250214
-0.001516 -1.264328 -83.758075

COMB DESIGN ----- MAX

REL DIST P M2 M3 V3
0.00000 0.121109 15.430371 0.505286
0.001562 1.298989 25.717764 0.505286
0.25000 0.121109 46.204784 0.505286
0.001562 0.680628 106.148623 0.505286
0.50000 0.121109 86.673603 0.505286
0.001562 0.084037 139.517903 0.505286
0.75000 0.121109 125.087487 0.505286
0.001562 0.311352 108.976811 0.505286
1.00000 0.121109 167.420061 0.505286
0.001562 0.605011 31.457471

COMB DESIGN ----- MIN

REL DIST P M2 M3 V3

0.00000 -0.085064 -168.799286 -0.250214
0.001516 -0.675071 -115.456426
0.25000 -0.085064 -126.372809 -0.250214
-0.001516 -0.360330 -45.261147
0.50000 -0.085064 -87.969593 -0.250214
0.001516 -0.067827 -43.784800
0.75000 -0.085064 -47.493624 -0.250214
-0.001516 -0.633245 -44.594690
1.00000 -0.085064 -16.829321 -0.250214
-0.001516 -1.264328 -113.824496

ELEM 260 ----- LENGTH

5.031257

COMB DB-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.052774 0.113153 0.089651
1.52E-05 0.237771 6.177336
0.25000 0.052774 0.137099 0.089651
1.52E-05 0.125291 6.550997
0.50000 0.052774 0.148483 0.089651
1.52E-05 0.018605 7.093516
0.75000 0.052774 0.198290 0.089651
1.52E-05 0.097074 7.791596
1.00000 0.052774 8.052143 0.089651
1.52E-05 0.193100 8.571644

COMB DB-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.002610 -0.932077 -0.076351
-0.001124 -0.191064 -3.257812
0.25000 -0.002610 -0.900006 -0.076351
-0.001124 -0.095021 -3.186630
0.50000 -0.002610 -0.870219 -0.076351
-0.001124 -0.007850 -2.328719
0.75000 -0.002610 -0.838816 -0.076351
-0.001124 -0.101123 -3.072757
1.00000 -0.002610 -0.814868 -0.076351
-0.001124 -0.213604 -3.069531

COMB DB-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.081308 15.361138 0.183737
4.03E-05 0.499566 29.490191 0.183737
0.25000 0.081308 46.227586 0.183737
4.03E-05 0.275108 110.530192 0.183737
0.50000 0.081308 86.695354 0.183737
4.03E-05 0.091983 172.228202
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 M3 V3
0.75000 0.081308 125.102907 0.183737
4.03E-05 0.147908 113.101850 0.183737
1.00000 0.081308 167.450311 0.183737
4.03E-05 0.248683 33.503697

COMB DB-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.003698 -168.811286 -0.098024
-0.001331 -0.274114 -113.931937
0.25000 -0.003698 -129.401957 -0.098024
-0.001331 -0.150808 -37.736266
0.50000 -0.003698 -87.998047 -0.098024
-0.001331 -0.063752 -42.525098
0.75000 -0.003698 -47.528400 -0.098024
-0.001331 -0.242349 -43.058154
1.00000 -0.003698 -16.856476 -0.098024
-0.001331 -0.471513 -112.302474

COMB DB-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.081785 12.981842 0.240988
0.000869 0.645436 30.767381 0.240988
0.25000 0.081785 36.906151 0.240988
0.000869 0.350988 98.442369 0.240988
0.50000 0.081785 72.201969 0.240988
0.000869 0.094886 26.478560 0.240988
0.75000 0.081785 104.067092 0.240988
1.00000 0.081785 139.242993 0.240988
0.000869 0.363735 36.519085

COMB DB-G1-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.048264 -141.055031 -0.144086
-0.001305 -0.385792 -97.572207
0.25000 -0.048264 -105.847720 -0.144086
-0.001305 -0.204535 -35.292522
0.50000 -0.048264 -73.965623 -0.144086
-0.001305 -0.060246 -38.610045
0.75000 -0.048264 -40.368628 -0.144086
-0.001305 -0.001818 -36.818165
1.00000 -0.048264 -14.733689 -0.144086
-0.001305 -0.603209 -96.047984

COMB DB-G2-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.001240 0.094154 0.093287
0.001086 0.245900 5.771242 0.093287
0.25000 0.001240 0.118100 0.093287
0.001086 0.128775 6.201083 0.093287
0.50000 0.001240 0.148495 0.093287
0.001086 0.018017 6.756953 0.093287
0.75000 0.001240 0.179291 0.093287
1.00000 0.003698 7.408810 0.093287
0.001086 0.212144 8.092259

COMB DB-G2-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.069297 -0.861184 -0.080291
-1.15E-05 -0.202641 -3.158612
0.25000 -0.069297 -0.828263 -0.080291
-1.15E-05 -0.101644 -3.049610
0.50000 -0.069297 -0.790899 -0.080291
-1.15E-05 -0.067340 -2.933870
0.75000 -0.069297 -0.767073 -0.080291
-1.15E-05 -0.106795 -2.933898
1.00000 -0.069297 -2.933898
-1.15E-05 -0.223944 -2.933925

COMB DB-G2-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.019575 14.323992 0.189090
0.001353 0.507907 27.995974 0.189090
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FRAME ELEMENT INTERNA
L FORCES

REL DIST P M2 M3 V3

0.75000 0.019575 116.914241 0.189090
0.001353 0.152936 106.552609 0.189090
0.25000 0.019575 16.730000 0.189090
0.001353 0.263810 32.189658

COMB DB-G2-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.080980 -157.931607 -0.104886
-4.26E-07 -0.21558 -106.73318
0.25000 -0.080980 -118.185957 -0.104886
-4.26E-07 -0.159629 -41.203121
0.50000 -0.080980 -82.284708 -0.104886
-4.26E-07 -0.060253 -31.145366
0.75000 -0.080980 -44.452375 -0.104886
-4.26E-07 -0.247802 -40.555298
1.00000 -0.080980 -15.922238 -0.104886
-4.26E-07 -0.483774 -105.280873

COMB DB-G2-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.064402 13.583757 0.244030
0.001314 0.653117 31.370802 0.244030
0.25000 0.064402 102.383618 0.244030
0.001314 0.355367 102.383618 0.244030
0.50000 0.064402 75.742478 0.244030
0.001314 0.097207 31.785779 0.244030
0.75000 0.064402 102.097789 0.244030
0.001314 0.202778 105.652204 0.244030
1.00000 0.064402 146.110180 0.244030
0.001314 0.365511 37.108234

COMB DB-G2-3 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.074743 -147.900910 -0.144983
-0.000823 -0.389688 -101.993609
0.25000 -0.074743 -110.946957 -0.144983
-0.000823 -0.207343 -40.829853
0.50000 -0.074743 -77.482422 -0.144983
-0.000823 -0.062174 -39.490816
0.75000 0.074743 42.218293 -0.144983
-0.000823 -0.307324 -40.136579 -0.144983
1.00000 -0.074743 -15.317292 -0.144983
-0.000823 -0.612519 -100.423620

COMB DL-G1-1 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.073140 0.115939 0.179238
1.37E-05 0.467579 6.896674 0.179238
0.25000 0.073140 1.24474 0.179238
1.00000 0.073140 0.001259 0.179238
0.50000 0.073140 0.143740 0.179238
1.37E-05 0.023231 8.174166 0.179238
0.75000 0.073140 0.164749 0.179238
1.37E-05 0.122984 9.936877 0.179238
1.00000 0.073140 0.183258 0.179238
1.37E-05 0.247144 9.723594 0.179238

COMB DL-G1-1 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.004619 -0.943956 -0.099666
-0.001089 -0.254644 -4.331737
0.25000 -0.004619 -0.925345 -0.099666
-0.001089 -0.129401 -4.221275
0.50000 -0.004619 -0.904419 -0.099666
-0.001089 -0.010420 -4.139100
0.75000 -0.004619 -0.885052 -0.099666
-0.001089 -0.106229 -5.956395
1.00000 -0.004619 -0.874619 -0.099666
-0.001089 -0.435094 -4.001758
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G1-2 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.129919 15.438000 0.299955
2.76E-05 0.790698 24.720477 0.299955
0.25000 0.129919 32.466300 0.299955
2.42E-05 0.425955 78.617456 0.299955
0.50000 0.129919 70.902525 0.299955
2.76E-05 0.097115 108.582685 0.299955
0.75000 0.129919 112.814155 0.299955
2.01E-05 0.7691 80.958093 0.299955
1.00000 0.129919 149.740816 0.299955
2.76E-05 0.312658 29.257431 0.299955

COMB DL-G1-2 ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.004700 -151.185118 -0.127651
-0.001268 -0.359355 -95.148221
0.25000 -0.004700 -114.255043 -0.127651
-0.001268 -0.190555 -38.934178
0.50000 -0.004700 -72.329204 -0.127651
-0.001268 -0.053207 -38.375367
0.75000 -0.004700 -33.870712 -0.127651
-0.001268 -0.379203 -38.006131
1.00000 -0.004700 -16.997595 -0.127651
-0.001268 -0.749535 -93.166277

COMB DL-G1-3 ----- MAX

REL DIST P M2 M3 V3
0.00000 0.126998 12.842155 0.414038
0.000794 0.109011 27.299299 0.414038
0.25000 0.126998 26.754148 0.414038
0.000794 0.585477 71.728209 0.414038
0.50000 0.126998 58.152574 0.414038
0.00

0.00000 -0.105313 -168.811286 -0.207005
0.001331 -0.561650 -113.871937 -0.207005
0.25000 -0.105313 -126.401956 -0.207005
-0.001331 -0.301287 -43.737626 -0.207005
0.50000 -0.105313 -87.998047 -0.207005
0.001331 -0.063752 -42.258998 -0.207005
0.75000 -0.105313 -47.528440 -0.207005
-0.001331 -0.508073 -43.058154 -0.207005
1.00000 -0.105313 -16.795975 -0.207005
-0.001331 -1.026570 -112.302474 -0.207005

COMB DESIGN ----- MAX
REL DIST P M2 V2 V3
0.00000 0.129919 15.438000 0.417597
0.001353 1.100629 31.370802 0.417597
0.250000 0.129919 46.227586 0.417597
0.001353 0.591517 110.530192 0.417597
0.50000 0.129919 86.695354 0.417597
0.001353 0.103329 143.792282 0.417597
0.75000 0.129919 125.102907 0.417597
0.001353 0.286593 113.101950 0.417597
1.00000 0.129919 167.450311 0.417597
0.001353 0.504838 37.108234 0.417597

COMB DESIGN ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.105313 -168.811286 -0.207005
-0.001331 -0.561650 -113.871937 -0.207005
0.25000 -0.105313 -126.401956 -0.207005
-0.001331 -0.301287 -43.737626 -0.207005
0.50000 -0.105313 -87.998047 -0.207005
-0.001331 -0.063752 -42.258998 -0.207005
0.75000 -0.105313 -47.528440 -0.207005
-0.001331 -0.508073 -43.058154 -0.207005
-0.001331 -1.026570 -112.302474 -0.207005
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FRAME ELEMENT INTERNAL FORCES

ELEM 261 ----- LENGTH
5.030628
COMB DB-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.058091 0.269165 0.080078
0.000255 0.201238 8.554556 0.080078
0.25000 0.058091 0.391112 0.080078
0.000255 0.100547 8.678618 0.080078
0.50000 0.058091 0.324595 0.080078
0.000255 0.023407 8.937370 0.080078
0.75000 0.058091 0.354298 0.080078
0.000255 0.100025 9.354952 0.080078
1.00000 0.058091 0.381455 0.080078
0.000255 0.199052 9.866260 0.080078

COMB DB-G1-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.002911 -0.763545 -0.078755
0.000255 -0.137207 -0.707988 -0.078755
0.25000 -0.002911 -0.730667 -0.078755
-0.000255 -0.098153 -2.897409 -0.078755
0.50000 -0.002911 -0.700874 -0.078755
-0.000255 -0.068953 -2.771225 -0.078755
0.75000 -0.002911 -0.666481 -0.078755
-0.000255 -0.100981 -2.658819 -0.078755
1.00000 -0.002911 -0.645533 -0.078755
-0.000255 -0.201638 -2.593518 -0.078755

COMB DB-G1-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.085245 15.670211 0.147440
0.000338 0.392463 33.473740 0.147440
0.25000 0.085245 46.539426 0.147440
0.000338 0.215345 114.379726 0.147440
0.50000 0.085245 87.003841 0.147440
0.000338 0.085245 125.407361 0.147440
0.75000 0.085245 125.407361 0.147440
0.000338 0.165239 115.838581 0.147440
1.00000 0.085245 167.758923 0.147440
0.000338 0.287097 35.687065 0.147440

COMB DB-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.004311 -168.471585 -0.106689
0.001090 -0.294666 -112.316171 -0.106689
0.25000 -0.004311 -126.091466 -0.106689
-0.001090 -0.160478 -42.305542 -0.106689
0.50000 -0.004311 -87.688837 -0.106689
0.001090 -0.059964 -40.863304 -0.106689
0.75000 -0.004311 -47.528440 -0.106689
-0.001090 -0.204534 -41.713951 -0.106689
1.00000 -0.004311 -16.353871 -0.106689
-0.001090 -0.383444 -111.015274 -0.106689

COMB DB-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.063209 13.394066 0.182846
0.000997 0.485212 36.477609 0.182846
0.25000 0.063209 39.020211 0.182846
0.000997 0.206044 84.641419 0.182846
0.50000 0.063209 72.613727 0.182846
0.000997 0.106499 100.900633 0.182846
0.75000 0.063209 104.495501 0.182846
0.000997 0.219997 105.453055 0.182846
1.00000 0.063209 139.654854 0.182846
0.000997 0.393034 39.552416 0.182846

COMB DB-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.055015 -140.611118 -0.150237
-0.001255 -0.400163 -96.057036 -0.150237
0.25000 -0.055015 -105.428058 -0.150237
-0.001255 -0.211192 -37.823656 -0.150237
0.50000 -0.055015 -73.547023 -0.150237
-0.001255 -0.056165 -36.514275 -0.150237
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.75000 -0.055015 -39.953232 -0.150237
-0.001255 -0.055015 -39.953232 -0.150237
1.00000 -0.055015 -14.326278 -0.150237
-0.001255 -0.470061 -94.528794 -0.150237
COMB DB-G2-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.001157 0.221244 0.077824
0.000888 0.197006 8.077078 0.077824
0.25000 0.001571 0.245192 0.077824
0.000888 0.099138 8.250124 0.077824
0.50000 0.001571 0.276599 0.077824
0.000888 0.022505 8.536099 0.077824
0.75000 0.001571 0.306378 0.077824
0.000888 0.098866 8.929543 0.077824
1.00000 0.001571 0.339234 0.077824

0.000888 0.198273 9.361926
COMB DB-G2-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.077547 -0.698938 -0.079047
0.25000 -0.077547 -2.934679 -0.079047
0.50000 -0.077547 -0.665959 -0.079047
0.000244 -0.099998 -0.767941 -0.079047
0.75000 -0.077547 -2.654399 -0.079047
0.000244 -0.099998 -0.604774 -0.079047
1.00000 -0.077547 -2.542635 -0.079047
-0.000244 -0.194705 -2.483974 -0.079047

COMB DB-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.015516 14.615545 0.143666
0.001101 0.382723 32.159636 0.143666
0.25000 0.015516 43.472177 0.143666
0.001101 0.211882 107.834896 0.143666
0.50000 0.015516 81.300951 0.143666
0.001101 0.096255 138.781760 0.143666
0.75000 0.015516 117.201477 0.143666
0.001101 0.163790 109.296631 0.143666
1.00000 0.015516 156.793176 0.143666
0.001101 0.288813 34.393516 0.143666

COMB DB-G2-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.091201 -157.497551 -0.108561
-0.000328 -0.294932 -117.878209 -0.108561
0.25000 -0.091201 -81.397156 -0.108561
-0.000328 -0.162889 -39.828252 -0.108561
0.50000 -0.091201 -81.397156 -0.108561
-0.000328 -0.096255 138.781760 -0.108561
0.75000 -0.091201 -44.150423 -0.108561
-0.000328 -0.197132 -39.255203 -0.108561
1.00000 -0.091201 -15.292867 -0.108561
-0.000328 -0.371873 -104.030089 -0.108561

COMB DB-G2-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.063265 13.982916 0.183746
0.001245 0.481598 37.087006 0.183746
0.25000 0.063265 40.860751 0.183746
0.001245 0.262025 107.579983 0.183746
0.50000 0.063265 76.141128 0.183746
0.001245 0.108776 136.719994 0.183746
0.75000 0.063265 109.640277 0.183746
1.00000 0.063265 146.508939 0.183746
0.001245 0.393780 40.134279 0.183746

COMB DB-G2-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.084372 -147.456961 -0.150420
-0.000983 -0.402106 -100.431021 -0.150420
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REL DIST P M2 V2 V3
0.25000 -0.084372 -110.528767 -0.150420
-0.000983 -0.212918 -39.324143 -0.150420
0.50000 -0.084372 -77.065043 -0.150420
-0.000983 -0.058020 -37.965921 -0.150420
0.75000 -0.084372 -41.804277 -0.150420
-0.000983 -0.246842 -38.605657 -0.150420
1.00000 -0.084372 -14.905674 -0.150420
-0.000983 -0.472366 -98.891473 -0.150420

COMB DL-G1-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.080492 0.258003 0.152833
0.000221 0.394572 9.722764 0.152833
0.25000 0.080492 0.266544 0.152833
0.000221 0.202397 9.940379 0.152833
0.50000 0.080492 0.258813 0.152833
0.000221 0.029812 0.102569 0.152833
0.75000 0.080492 0.306819 0.152833
0.000221 0.131138 0.164781 0.152833
1.00000 0.080492 0.325330 0.152833
0.000221 0.260718 11.080489 0.152833

COMB DL-G1-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.004614 -0.774859 -0.102170
-0.000836 -0.253813 -4.029697 -0.102170
0.25000 -0.004614 -0.756348 -0.102170
-0.000836 -0.125675 -3.836592 -0.102170
0.50000 -0.004614 -0.735337 -0.102170
-0.000836 -0.009089 -3.671200 -0.102170
0.75000 -0.004614 -0.716063 -0.102170
-0.000836 -0.183600 -3.505945 -0.102170
1.00000 -0.004614 -0.707515 -0.102170
-0.000836 -0.375252 -3.369611 -0.102170

COMB DL-G1-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.134309 15.730512 0.244301
0.000282 0.645813 29.26108 0.244301
0.25000 0.134309 32.769750 0.244301
0.000282 0.354630 82.737424 0.244301
0.50000 0.134309 71.211992 0.244301
0.000282 0.106871 11.96798 0.244301
0.75000 0.134309 113.119946 0.244301
0.000282 0.205742 38.775884 0.244301
1.00000 0.134309 150.047792 0.244301
0.000282 0.353832 31.231481 0.244301

COMB DL-G1-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.005452 -150.873303 -0.135887
-0.000959 -0.365181 -113.942111 -0.135887
0.25000 -0.005452 -113.942111 -0.135887
-0.000959 -0.194338 -37.226905 -0.135887
0.50000 -0.005452 -72.026827 -0.135887
-0.000959 -0.046726 -36.572266 -0.135887
0.75000 -0.005452 -33.573666 -0.135887
-0.000959 -0.318563 -36.276515 -0.135887
1.00000 -0.005452 -16.516514 -0.135887
-0.000959 -0.619283 -91.301746 -0.135887

COMB DL-G1-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.129893 13.224147 0.319473
0.000845 0.849383 33.712658 0.319473
0.25000 0.129893 27.145071 0.319473
0.000845 0.462261 77.466564 0.319473
0.50000 0.129893 58.552099 0.319473
0.000845 0.118224 101.539057 0.319473
0.75000 0.129893 92.790592 0.319473
0.000845 0.267520 79.030881 0.319473
1.00000 0.129893 122.960354 0.319473
0.000845 0.485708 36.678058 0.319473
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.067198 -124.070081 -0.190104
0.001093 0.50289 79.957094 -0.190104
0.25000 -0.067198 -93.897575 -0.190104
-0.001093 -0.263085 -34.069251 -0.190104
0.50000 -0.067198 -59.653103 -0.190104
0.001093 0.04892 33.986010 -0.190104
0.75000 -0.067198 -28.237159 -0.190104
-0.001093 -0.397887 -32.996235 -0.190104
1.00000 -0.067198 -14.301594 -0.190104
-0.001093 -0.792954 -77.804440 -0.190104

COMB DL-G2-1 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.001922 0.212281 0.141907
0.000803 0.374764 9.254847 0.141907
0.25000 0.001922 0.238822 0.141907
0.000803 0.196708 9.560354 0.141907
0.50000 0.001922 0.240091 0.141907
0.000803 0.063866 9.688113 0.141907
0.75000 0.001922 0.261098 0.141907
0.000803 0.132944 10.234143 0.141907
1.00000 0.001922 0.279608 0.141907
0.000803 0.267915 10.597703 0.141907

COMB DL-G2-1 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.106173 -0.702446 -0.107944
-0.000211 -0.276508 -3.795129 -0.107944
0.25000 -0.106173 -0.693943 -0.107944
-0.000211 -0.140943 -6.25170 -0.107944
0.50000 -0.106173 -0.662924 -0.107944
-0.000211 -0.006557 -3.482926 -0.107944
0.75000 -0.106173 -0.645616 -0.107944
-0.000211 -0.162149 -3.340835 -0.107944
1.00000 -0.106173 -0.635099 -0.107944
-0.000211 -0.340027 -3.221308 -0.107944

COMB DL-G2-2 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.036324 14.513509 0.230855
0.000977 0.621593 28.277272 0.230855
0.25000 0.036324 30.263060 0.230855
0.000977 0.349270 77.828616 0.230855
0.50000 0.036324 65.795638 0.230855
0.000977 0.103805 104.927329 0.230855
0.75000 0.036324 104.531612 0.230855
0.000977 0.226138 78.892383 0.230855
0.000977 0.354351 30.355155 0.230855

COMB DL-G2-2 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.116883 -139.487344 -0.140176
-0.000282 -0.384362 -86.588824 -0.140176
0.25000 -0.116883 -105.351445 -0.140176
-0.000282 -0.208710 -34.838655 -0.140176
0.50000 -0.116883 -66.009091 -0.140176
-0.000282 -0.046063 -34.231498 -0.140176
0.75000 -0.116883 -31.066025 -0.140176
-0.000282 -0.1291029 -33.956092 -0.140176
1.00000 -0.116883 -15.288916 -0.140176
-0.000282 -0.573949 -84.813209 -0.140176

COMB DL-G2-3 ----- MAX
REL DIST P M2 V2 V3
0.00000 0.103752 13.516259 0.316540
0.001090 0.841596 33.842420 0.316540
0.25000 0.103752 27.790785 0.316540
0.001090 0.459033 78.753407 0.316540
0.50000 0.103752 50.995166 0.316540
0.001090 0.117853 103.429880 0.316540
0.75000 0.103752 95.103708 0.316540
0.001090 0.268583 80.295377 0.316540
1.00000 0.103752 126.589091 0.316540
0.001090 0.490411 36.808620 0.316540
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.108645 -127.146033 -0.193549
-0.000863 -0.513555 -81.687385 -0.193549
0.25000 -0.108645 -96.207705 -0.193549
-0.000863 -0.270633 34.651067 -0.193549
0.50000 -0.108645 -80.884142 -0.193549
-0.000863 -0.049084 -33.967927 -0.193549
0.75000 -0.108645 -28.879494 -0.193549
-0.000863 -0.390796 33.585449 -0.193549
1.00000 -0.108645 -14.589691 -0.193549
-0.000863 -0.781733 -79.547341 -0.193549

COMB DB ----- MAX
REL DIST P M2 V2 V3
0.00000 0.085245 15.670211 0.183746
0.001245 0.481598 37.087006 0.183746
0.25000 0.085245 46.539426 0.183746
0.001245 0.262025 107.579983 0.183746
0.50000 0.085245 76.141128 0.183746
0.001245 0.108776 136.719994 0.183746
0.75000 0.085245 109.640277 0.183746
1.00000 0.085245 146.508939 0.183746
0.001245 0.393780 40.134279 0.183746

0.001106	0.443348	40.532911	
COMB DB-G1-3		MIN	
REL DIST	P	M2	V3
0.00000	-0.064064	-140.297140	-0.168730
-0.001190	-0.435003	-94.539985	-0.168730
0.25000	-0.064064	-105.115489	-0.168730
-0.001190	-0.227874	-36.425403	-0.168730
0.50000	-0.064064	-9.390464	-0.168730
-0.001190	-0.052545	-35.182140	-0.168730
0.75000	-0.064064	-39.637008	-0.168730
-0.001190	-0.219238	-35.870064	-0.168730
1.00000	-0.064064	-14.010773	-0.168730
-0.001190	-0.417337	-93.424903	-0.168730
COMB DB-G2-1		MAX	
REL DIST	P	M2	V3
0.00000	0.001646	0.320777	0.075553
0.000656	0.190913	3.356126	0.075553
0.25000	0.001646	0.344726	0.075553
0.000656	0.095888	9.339082	0.075553
0.50000	0.001646	0.376121	0.075553
0.000656	0.001646	0.390464	0.075553
0.75000	0.001646	0.405915	0.075553
0.000656	0.097567	9.551792	0.075553
1.00000	0.001646	0.438785	0.075553
0.000656	0.195350	9.772102	0.075553
COMB DB-G2-1		MIN	
REL DIST	P	M2	V3
0.00000	-0.089311	-0.571375	-0.077928
-0.000511	-0.093502	-2.484240	-0.077928
0.25000	-0.089311	-0.538498	-0.077928
-0.000511	-0.098491	-2.316432	-0.077928
0.50000	-0.089311	-0.508703	-0.077928
-0.000511	-0.093507	-2.201581	-0.077928
0.75000	-0.089311	-0.477309	-0.077928
-0.000511	-0.094199	-2.088734	-0.077928
1.00000	-0.089311	-0.453361	-0.077928
-0.000511	-0.189229	-2.028930	-0.077928
COMB DB-G2-2		MAX	
REL DIST	P	M2	V3
0.00000	0.014887	14.813822	0.118170
0.000842	0.317419	34.385821	0.118170
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FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	M2	V3
0.25000	0.014887	43.671332	0.118170
0.000842	0.181327	109.957219	0.118170
0.50000	0.014887	81.501940	0.118170
0.000842	0.100087	139.788869	0.118170
0.75000	0.014887	110.403458	0.118170
0.000842	0.191257	110.339844	0.118170
1.00000	0.014887	157.012805	0.118170
0.000842	0.338484	35.087409	0.118170
COMB DB-G2-2		MIN	
REL DIST	P	M2	V3
0.00000	-0.105707	-157.267729	-0.126550
-0.000626	-0.331367	-104.033921	-0.126550
0.25000	-0.105707	-117.659785	-0.126550
-0.000626	-0.177952	-39.709836	-0.126550
0.50000	-0.105707	-81.748691	-0.126550
-0.000626	-0.053834	-37.426439	-0.126550
0.75000	-0.105707	-43.918418	-0.126550
-0.000626	-0.165080	-38.317680	-0.126550
1.00000	-0.105707	-15.061333	-0.126550
-0.000626	-0.307174	-103.244649	-0.126550
COMB DB-G2-3		MAX	
REL DIST	P	M2	V3
0.00000	0.068690	14.249081	0.160999
0.001181	0.423383	40.123099	0.160999
0.25000	0.068690	41.148176	0.160999
0.001181	0.200118	110.339844	0.160999
0.50000	0.068690	76.410698	0.160999
0.001181	0.113608	138.162668	0.160999
0.75000	0.068690	109.875955	0.160999
0.001181	0.249178	110.339844	0.160999
1.00000	0.068690	146.795597	0.160999
0.001181	0.444209	41.106248	0.160999
COMB DB-G2-3		MIN	
REL DIST	P	M2	V3
0.00000	-0.098063	-147.143544	-0.168846
-0.001089	-0.436236	-98.900353	-0.168846
0.25000	-0.098063	-110.216126	-0.168846
-0.001089	-0.229203	-37.918234	-0.168846
0.50000	-0.098063	-110.216126	-0.168846
-0.001089	-0.054408	-36.829475	-0.168846
0.75000	-0.098063	-41.488817	-0.168846
-0.001089	-0.218172	-37.367732	-0.168846
1.00000	-0.098063	-14.590651	-0.168846
-0.001089	-0.414550	-97.794728	-0.168846
COMB DB-G1-1		MAX	
REL DIST	P	M2	V3
0.00000	0.088368	0.360086	0.137577
0.000414	0.349994	11.096353	0.137577
0.25000	0.088368	0.368860	0.137577
0.000414	0.177758	11.070145	0.137577
0.50000	0.088368	0.387881	0.137577
0.000414	0.031725	11.093724	0.137577
0.75000	0.088368	0.408890	0.137577
0.000414	0.168826	11.206699	0.137577
1.00000	0.088368	0.427402	0.137577
0.000414	0.318053	11.368677	0.137577
COMB DL-G1-1		MIN	
REL DIST	P	M2	V3
0.00000	-0.005402	-0.620127	-0.120917
-0.000578	-0.001775	-3.057140	-0.120917
0.25000	-0.005402	-0.801618	-0.120917
-0.000578	-0.141072	-3.208590	-0.120917
0.50000	-0.005402	-0.580606	-0.120917
-0.000578	-0.007031	-3.041966	-0.120917
0.75000	-0.005402	-0.561334	-0.120917
-0.000578	-0.172178	-2.876069	-0.120917
1.00000	-0.005402	-0.552785	-0.120917
-0.000578	-0.344358	-2.737047	-0.120917
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FRAME ELEMENT INTERNAL FORCES			
COMB DL-G1-2		MAX	
REL DIST	P	M2	V3
0.00000	0.138355	15.921992	0.207174
0.000502	0.138355	32.964956	0.207174
0.25000	0.138355	32.964956	0.207174
0.000502	0.299520	84.484147	0.207174
0.50000	0.138355	71.411797	0.207174
0.000502	0.110391	113.297414	0.207174
COMB DL-G1-2		MIN	
REL DIST	P	M2	V3
0.00000	0.138355	15.921992	0.207174
0.000502	0.138355	32.964956	0.207174
0.25000	0.138355	32.964956	0.207174
0.000502	0.299520	84.484147	0.207174
0.50000	0.138355	71.411797	0.207174
0.000502	0.110391	113.297414	0.207174

7.50000	0.138355	113.325606	0.207174
0.000502	0.283690	84.699403	0.207174
1.00000	0.138355	150.257321	0.207174
0.000502	0.490411	31.647952	0.207174
COMB DL-G1-2----- MIN			
REL DIST	P	M2	V3
0.00000	-0.005821	-150.600093	-0.178449
-0.000690	-0.453972	-91.348070	-0.178449
0.25000	-0.005821	-113.674838	-0.178449
-0.000690	-0.233056	-35.569968	-0.178449
0.50000	-0.005821	-71.750581	-0.178449
-0.000690	-0.044553	-30.307948	-0.178449
0.75000	-0.005821	-33.307948	-0.178449
-0.000690	-0.288689	-34.925966	-0.178449
1.00000	-0.005821	-16.253320	-0.178449
-0.000690	-0.547879	-90.014951	-0.178449
COMB DL-G1-3----- MAX			
REL DIST	P	M2	V3
0.00000	0.134498	13.484811	0.266095
0.000906	0.692405	36.679462	0.266095
0.25000	0.134498	27.408217	0.266095
-0.000906	0.373634	79.972652	0.266095
0.50000	0.134498	58.819565	0.266095
0.000906	0.111100	103.005881	0.266095
0.75000	0.134498	93.062581	0.266095
-0.000906	0.356413	80.295006	0.266095
1.00000	0.134498	123.235785	0.266095
0.000906	0.637261	37.279813	0.266095
COMB DL-G1-3----- MIN			
REL DIST	P	M2	V3
0.00000	-0.075410	-123.697473	-0.235370
-0.000984	-0.587153	-91.348070	-0.235370
0.25000	-0.075410	-93.529817	-0.235370
0.000984	-0.295216	-32.111112	-0.235370
0.50000	-0.075410	-59.282486	-0.235370
-0.000984	-0.043329	-31.505156	-0.235370
0.75000	-0.075410	-27.870672	-0.235370
-0.000984	-0.354354	-31.286515	-0.235370
1.00000	-0.075410	-13.937169	-0.235370
-0.000984	-0.687143	-76.144281	-0.235370
COMB DL-G2-1----- MAX			
REL DIST	P	M2	V3
0.00000	0.002181	0.305626	0.113822
0.000555	0.290327	10.070371	0.113822
0.25000	0.002181	0.314169	0.113822
0.000555	0.150637	10.070371	0.113822
0.50000	0.002181	0.333441	0.113822
0.000555	0.030483	0.892710	0.113822
0.75000	0.002181	0.354450	0.113822
0.000555	0.154908	10.771526	0.113822
1.00000	0.002181	0.372362	0.113822
0.000555	0.297771	10.860259	0.113822
COMB DL-G2-1----- MIN			
REL DIST	P	M2	V3
0.00000	-0.114666	-0.548504	-0.114257
-0.000413	-0.279034	-3.196092	-0.114257
0.25000	-0.114666	-0.529996	-0.114257
-0.000413	-0.136345	-3.026580	-0.114257
0.50000	-0.114666	-0.529996	-0.114257
-0.000413	-0.006632	-2.885549	-0.114257
0.75000	-0.114666	-0.489711	-0.114257
-0.000413	-0.139542	-79.398456	-0.114257
1.00000	-0.114666	-0.481163	-0.114257
-0.000413	-0.280960	-2.622362	-0.114257
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FRAME ELEMENT INTERNAL FORCES			
COMB DL-G2-2----- MAX			
REL DIST	P	M2	V3
0.00000	0.034534	14.708587	0.180690
0.000705	0.477334	30.327931	0.180690
0.25000	0.034534	30.461340	0.180690
0.000705	0.267462	79.398456	0.180690
0.50000	0.034534	65.998411	0.180690
0.000705	0.107067	106.266167	0.180690
0.75000	0.034534	104.739797	0.180690
0.000705	0.260039	79.398456	0.180690
1.00000	0.034534	138.876179	0.180690
0.000705	0.463748	30.765755	0.180690
COMB DL-G2-2----- MIN			
REL DIST	P	M2	V3
0.00000	-0.129427	-139.212604	-0.169878
-0.000515	-0.434464	-84.793013	-0.169878
0.25000	-0.129427	-105.082192	-0.169878
-0.000515	-0.224091	-33.233664	-0.169878
0.50000	-0.129427	-105.082192	-0.169878
-0.000515	-0.042033	-32.713672	-0.169878
0.75000	-0.129427	-30.798210	-0.169878
-0.000515	-0.248235	-32.632762	-0.169878
1.00000	-0.129427	-15.043329	-0.169878
-0.000515	-0.474244	-83.549881	-0.169878
COMB DL-G2-3----- MAX			
REL DIST	P	M2	V3
0.00000	0.105317	13.770710	0.258189
0.000978	0.672980	36.739439	0.258189
0.25000	0.105317	28.054446	0.258189
0.000978	0.365026	81.242436	0.258189
0.50000	0.105317	69.263790	0.258189
0.000978	0.122572	105.306079	0.258189
0.75000	0.105317	95.376347	0.258189
0.000978	0.355404	81.562827	0.258189
1.00000	0.105317	126.315683	0.258189
0.000978	0.635194	37.404240	0.258189
COMB DL-G2-3----- MIN			
REL DIST	P	M2	V3
0.00000	-0.120554	-126.774548	-0.234627
-0.000900	-0.589898	-79.554000	-0.234627
0.25000	-0.120554	-9.040623	-0.234627
-0.000900	-0.256192	-30.765755	-0.234627
0.50000	-0.120554	-60.723399	-0.234627
-0.000900	-0.043995	-32.084855	-0.234627
0.75000	-0.120554	-28.513174	-0.234627
-0.000900	-0.353968	-31.577767	-0.234627
1.00000	-0.120554	-14.226296	-0.234627
-0.000900	-0.666753	-77.295583	-0.234627
COMB DB----- MAX			
REL DIST	P	M2	V3
0.00000	0.095395	15.868606	0.162108
0.001181	0.424977	40.123099	0.162108
0.25000	0.095395	46.736803	0.162108
0.001181	0.232600	116.506270	0.162108
0.50000	0.095395	125.613686	0.162108
0.001181	0.113608	148.043548	0.162108
0.75000	0.095395	125.611642	0.162108
0.001181	0.242963	116.896008	0.162108
1.00000	0.095395	167.981139	0.162108
0.001181	0.442029	41.092648	0.162108
COMB DB----- MIN			
REL DIST	P	M2	V3

0.75000	0.105312	0.533079	0.143403	1573	REL DIST	P	M2	V2	V3	0.75000	0.116649	110.364769	0.158858	
0.000659	0.227954	10.683249	0.143403	FRAME ELEMENT INTERNA	0.000801	0.419107	105.836935			0.000801	0.419107	105.836935		
0.000659	0.435694	10.564414		L F O R C E S	0.000801	0.70924	6.449989			0.000801	0.70924	6.449989		
COMB DL-G1-1	-----	MIN	COMB DL-G2-3	-----	MIN	COMB DB-G2-3	-----	MIN	REL DIST	P	M2	V2	V3	
REL DIST	T	M2	M3	REL DIST	T	M2	M3	REL DIST	T	M2	M3	V2	V3	
0.00000	-0.004676	-0.487806	-0.164832	0.00000	-0.141576	-126.406992	-0.341549	0.00000	-0.174838	-146.520123	-0.286459			
0.000324	-0.351341	38.191256		0.00000	-0.826717	-77.897320		0.0001279	-0.704030	97.152806				
0.25000	-0.004676	-0.469296	-0.164832	0.25000	-0.141576	-95.472246	-0.341549	0.25000	-0.174838	-109.616883	-0.286459			
-0.000324	-0.185198	-2.580291		-0.000973	-0.404648	-31.132783		-0.001279	-0.348041	-36.476019				
0.50000	-0.004676	-0.446289	-0.164832	0.50000	-0.141576	-60.362128	-0.341549	0.50000	-0.174838	-76.149771	-0.286459			
-0.000324	-0.103070	-2.103003		-0.000973	-0.404648	-31.132783		0.0001279	-0.051133	26.394147				
0.75000	-0.004676	-0.429017	-0.164832	0.75000	-0.141576	-28.153681	-0.341549	0.75000	-0.174838	-40.890283	-0.286459			
-0.000324	-0.184931	-2.241499		0.00000	-0.352500	-30.568108		-0.001279	-0.200849	-36.140089				
1.00000	-0.004676	-0.420474	-0.164832	1.00000	-0.141576	-13.875088	-0.341549	1.00000	-0.174838	-14.003525	-0.286459			
-0.000324	-0.356600	-2.099799		-0.000973	-0.573274	-76.700011		-0.001279	-0.400687	-96.829659				
COMB DL-G1-2	-----	MAX	COMB DB	-----	MAX	COMB DL-G1-1	-----	MAX	REL DIST	P	M2	V2	V3	
REL DIST	T	M2	M3	REL DIST	T	M2	M3	REL DIST	T	M2	M3	V2	V3	
0.00000	0.153311	16.131747	0.209868	0.00000	0.125614	16.081784	0.157406	0.00000	0.137151	0.614117				
0.000782	0.525388	31.704387		0.0001175	0.394056	41.158772		0.001051	0.382021	10.613888				
0.25000	0.349097	38.191256	0.209868	0.25000	0.125614	46.932120		0.25000	0.137151	0.624986				
0.000782	0.282833	84.480916		0.001175	0.206323	116.996239	0.157406	0.001051	0.188957	10.091066				
0.50000	0.153311	71.631846	0.209868	0.50000	0.125614	87.419160	0.157406	0.50000	0.137151	0.641961				
-0.000782	0.109917	12.984347		0.001175	0.113656	148.599702		0.001051	0.001051	9.747573				
0.75000	0.153311	113.544067	0.209868	0.75000	0.125614	125.821688	0.157406	0.75000	0.137151	0.662971				
0.000782	0.405761	83.812322		0.001175	0.297396	116.075468		0.001051	0.300240	9.122434				
1.00000	0.153311	150.476714	0.209868	1.00000	0.125614	168.195174	0.157406	1.00000	0.137151	0.681479				
0.000782	0.728629	30.345962		0.001175	0.532476	39.927485		0.001051	0.576997	8.762217				
COMB DL-G1-2	-----	MIN	COMB DB	-----	MIN	COMB DL-G1-1	-----	MIN	REL DIST	P	M2	V2	V3	
REL DIST	T	M2	M3	REL DIST	T	M2	M3	REL DIST	T	M2	M3	V2	V3	
0.00000	-0.006391	-150.307686	-0.269394	0.00000	-0.137414	-167.993275	-0.197562	0.00000	-0.005342	-0.382512	-0.219861			
-0.000413	-0.659817	-90.022993		-0.001150	-0.491319	-110.193121		-1.29E-05	-0.528386	-2.144620				
0.25000	-0.006391	-113.381425	-0.269394	0.25000	-0.137414	-125.830121	-0.197562	0.25000	-0.005342	-0.382512	-0.219861			
-0.000413	-0.326693	-29.399017		-0.001150	-0.256305	-40.517277		-1.29E-05	-0.251769	-1.51363				
0.50000	-0.006391	-71.471148	-0.269394	0.50000	-0.137414	-87.228383	-0.197562	0.50000	-0.005342	-0.342994	-0.219861			
0.000413	-0.041609	-34.016964		0.001150	-0.055774	-39.273893		1.29E-05	-0.003769	-0.785737				
0.75000	-0.006391	-80.011111	-0.269394	0.75000	-0.137414	-60.362128	-0.197562	0.75000	-0.005342	-0.342994	-0.219861			
-0.000413	-0.299253	-34.053769		-0.001150	-0.205277	-40.321475		-1.29E-05	-0.195660	-1.620180				
1.00000	-0.006391	-15.980426	-0.269394	1.00000	-0.137414	-15.895725	-0.197562	1.00000	-0.005342	-0.315186	-0.219861			
-0.000413	-0.563440	-89.283733		-0.001150	-0.397820	-109.944980		-1.29E-05	-0.388843	-1.482616				
COMB DL-G1-3	-----	MAX	COMB DL	-----	MAX	COMB DL-G1-1	-----	MAX	REL DIST	P	M2	V2	V3	
REL DIST	T	M2	M3	REL DIST	T	M2	M3	REL DIST	T	M2	M3	V2	V3	
0.00000	0.148563	13.777606	0.267706	0.00000	0.153311	16.131747	0.267706	0.00000	0.148563	13.777606	0.267706			
0.000997	0.668829	37.334063		0.000997	0.668829	37.440383	0.267706	0.000997	0.668829	37.334063				
0.25000	0.148563	27.706648	0.267706	0.25000	0.153311	33.180914	0.267706	0.25000	0.148563	27.706648	0.267706			
0.000997	0.349061	84.480916		0.000997	0.349061	84.480916	0.267706	0.000997	0.349061	84.480916				
0.50000	0.148563	59.120770	0.267706	0.50000	0.153311	71.631846	0.267706	0.50000	0.148563	59.120770	0.267706			
0.000997	0.120193	102.850217	0.267706	0.000997	0.121096	112.894347	0.267706	0.000997	0.120193	102.850217	0.267706			
0.75000	0.148563	93.362739	0.267706	0.75000	0.153311	113.544067	0.267706	0.75000	0.148563	93.362739	0.267706			
0.000997	0.517791	79.028823		0.000997	0.517791	83.812322	0.267706	0.000997	0.517791	79.028823				
1.00000	0.148563	123.536434	0.267706	1.00000	0.153311	150.476714	0.267706	1.00000	0.148563	123.536434	0.267706			
0.000997	0.942603	35.554948		0.000997	0.942603	35.554948		0.000997	0.942603	35.554948				
Program	SAP2000	Nonlinear	Version 7.42	Program	SAP2000	Nonlinear	Version 7.42	Program	SAP2000	Nonlinear	Version 7.42			
File:상행S11-S1503.OUT				File:상행S11-S1503.OUT				File:상행S11-S1503.OUT						
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		1572					1572					1577		
FRAME ELEMENT INTERNA				FRAME ELEMENT INTERNA				FRAME ELEMENT INTERNA						FRAME ELEMENT INTERNA
L F O R C E S				L F O R C E S				L F O R C E S						L F O R C E S
COMB DL-G1-3	-----	MIN	COMB CAR	-----	MAX	COMB DL-G1-2	-----	MAX	REL DIST	P	M2	V2	V3	
REL DIST	T	M2	M3	REL DIST	T	M2	M3	REL DIST	T	M2	M3	V2	V3	
0.00000	-0.088985	-123.330797	-0.348329	0.00000	-0.151806	-150.307686	-0.348329	0.00000	0.184674	16.142151	0.228686			
-0.000866	-0.837368	-76.144157		-0.000973	-0.837368	-90.022993		0.001249	0.569154	30.420349	0.228686			
0.25000	-0.088985	-93.162334	-0.348329	0.25000	-0.151806	-113.381425	-0.348329	0.25000	0.184674	33.236041	0.228686			
-0.000866	-0.406799	-30.349017		-0.000973	-0.406799	-34.399017		0.001249	0.294071	82.767804	0.228686			
0.50000	-0.088985	-58.921938	-0.348329	0.50000	-0.151806	-87.228383	-0.348329	0.50000	0.184674	71.690887	0.228686			
-0.000866	-0.039235	-23.010596		-0.000973	-0.039235	-43.016964		0.001249	0.103792	110.819912	0.228686			
0.75000	-0.088985	-29.964600	-0.348329	0.75000	-0.151806	-60.362128	-0.348329	0.75000	0.184674	110.819912	0.228686			
-0.000866	-0.368282	-29.964600		-0.000973	-0.368282	-40.321475		0.001249	0.537807	81.212090	0.228686			
1.00000	-0.088985	-13.586436	-0.348329	1.00000	-0.151806	-15.895725	-0.348329	1.00000	0.184674	150.528469	0.228686			
-0.000866	-0.705702	-74.936038		-0.000973	-0.705702	-89.283733		0.001249	0.991458	27.459385	0.228686			
COMB DL-G2-1	-----	MAX	COMB CAR	-----	MAX	COMB DL-G1-2	-----	MAX	REL DIST	P	M2	V2	V3	
REL DIST	T	M2	M3	REL DIST	T	M2	M3	REL DIST	T	M2	M3	V2	V3	
0.00000	0.004167	0.420903	0.108294	0.00000	0.153311	16.131747	0.267706	0.00000	0.177401	13.904782	0.288997			
0.000310	0.272074	10.846438	0.108294	0.001175	0.668829	41.158772	0.267706	0.001258	0.719439	35.508250	0.288997			
0.25000	0.004167	0.429449	0.108294	0.25000	0.153311	33.180914	0.267706	0.25000	0.177401	27.870362	0.288997			
0.000310	0.13654	16.414099	0.108294	0.001175	0.349061	84.480916	0.267706	0.001258	0.366565	58.261905	0.288997			
0.50000	0.004167	0.448723	0.108294	0.001175	0.121096	148.599702	0.267706	0.50000	0.177401	59.287681	0.288997			
0.000310	0.029943	10.444720	0.108294	0.75000	0.153311	125.821688	0.267706	0.001258	0.111566	99.918848	0.288997			
0.75000	0.004167	0.469731	0.108294	0.001175	0.517791	116.075468	0.267706	0.75000	0.177401	93.531884	0.288997			
0.000310	0.204169	26.444483		1.00000	0.153311	168.195174	0.267706	0.001258	0.694012	71.690887	0.288997			
1.00000	0.004167	0.488244	0.108294	Program	SAP2000	Nonlinear	Version 7.42	1.00000	0.177401	123.697394	0.288997			
0.000310	0.386407	10.101180		File:상행S11-S1503.OUT				0.001258	1.296627	31.010951				
COMB DL-G2-1	-----	MIN	COMB CAR	-----	MIN	COMB DL-G1-3	-----	MIN	REL DIST	P	M2	V2	V3	
REL DIST	T	M2	M3	REL DIST	T	M2	M3	REL DIST	T	M2	M3	V2	V3	
0.00000	-0.132235	-0.418272	-0.146712	0.00000	-0.151806	-167.993275	-0.348329	0.00000	-0.111944	-123.033562	-0.491266			
-0.000633	-0.352795	-2.602269		-0.001150	-0.837368	-110.193121	-0.348329	-0.000750	-1.197462	-77.475592	-0.491266			
0.25000	-0.132235	-0.399762	-0.146712	0.25000	-0.151806	-125.830121	-0.348329	0.25000	-0.111944	-92.863039	-0.491266			
-0.000633	-0.169098	-2.428573		-0.001150	-0.406799	-40.517277		-0.000750						

0.75000 0.030690 105.034770 0.182481
2.40E-07 0.506861 76.290918
1.00000 0.182481 13.0000 0.182481
2.40E-07 0.932275 26.509162
COMB DL-G2-2 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.167904 -138.685336 -0.352439
0.001237 -0.167904 -138.685336 -0.352439
0.25000 -0.167904 -104.551681 -0.352439
0.50000 -0.167904 -31.407845 -0.352439
0.75000 -0.167904 -65.812709 -0.352439
0.001237 -0.167904 -104.551681 -0.352439
0.25000 -0.167904 -31.407845 -0.352439
0.50000 -0.167904 -65.812709 -0.352439
0.75000 -0.167904 -30.276830 -0.352439
0.001237 -0.249136 -30.891783 -0.352439
1.00000 -0.167904 -14.534849 -0.352439
0.001237 -0.468319 -81.967914

COMB DL-G2-3 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.130669 14.192901 0.274916
0.000739 0.684355 76.71684 0.274916
0.25000 0.130669 14.192901 0.274916
0.50000 0.349956 38.67148 0.274916
0.75000 0.130669 60.728541 0.274916
0.000739 0.112457 11.601482 0.274916
0.25000 0.349956 38.67148 0.274916
0.50000 0.688017 76.647350 0.274916
1.00000 0.130669 126.774281 0.274916
0.000739 1.263752 31.451461

COMB DL-G2-3 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.175120 -126.109193 -0.486276
0.001231 -1.186354 -76.716655 -0.486276
0.25000 -0.175120 -95.172324 -0.486276
0.50000 -0.578322 -30.021632 -0.486276
0.75000 -0.175120 -60.061459 -0.486276
0.001231 -0.037292 -29.535320 -0.486276
0.25000 -0.175120 -27.085732 -0.486276
0.50000 -0.366306 -29.299889 -0.486276
1.00000 -0.175120 -13.586032 -0.486276
0.001231 -0.702650 -75.467385

COMB DB MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.175972 16.204587 0.161462
0.001293 0.404816 39.975361 0.161462
0.25000 0.175972 47.080200 0.161462
0.50000 0.175972 115.706572 0.161462
0.75000 0.106969 146.873803 0.161462
0.001293 0.175972 125.959668 0.161462
0.25000 0.419107 112.623918 0.161462
1.00000 0.175972 168.361835 0.161462
0.001293 0.770924 36.449989

COMB DB MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.188601 -167.785940 -0.286459
0.001298 -0.704303 -109.951434 -0.286459
0.25000 -0.188601 -125.435267 -0.286459
0.50000 -0.348041 -40.436917 -0.286459
0.75000 -0.188601 -39.242517 -0.286459
0.001298 -0.188601 -46.563661 -0.286459
0.25000 -0.055899 -39.242517 -0.286459
0.50000 -0.188601 -46.563661 -0.286459
0.75000 -0.055899 -39.242517 -0.286459
1.00000 -0.188601 -46.563661 -0.286459
0.001298 -0.407419 -110.047680 -0.286459
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB DL MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.184674 16.142151 0.288997
0.001258 0.719439 35.617684 0.288997
0.25000 0.184674 47.080200 0.288997
0.50000 0.366565 115.706572 0.288997
0.75000 0.184674 71.690887 0.288997
0.001258 0.112457 11.6019961 0.288997
0.25000 0.184674 110.819961 0.288997
0.50000 0.694011 112.623918 0.288997
1.00000 0.184674 168.361835 0.288997
0.001258 1.296627 31.451461

COMB DL MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.187904 -150.060040 -0.491266
0.001237 -1.197462 -89.334951 -0.491266
0.25000 -0.187904 -113.137279 -0.491266
0.50000 -0.583233 -33.757088 -0.491266
0.75000 -0.187904 -33.757088 -0.491266
0.001237 -0.403031 -33.757088 -0.491266
0.25000 -0.187904 -32.784232 -0.491266
0.50000 -0.363804 -33.202405 -0.491266
1.00000 -0.187904 -15.749220 -0.491266
0.001237 -0.738348 -88.463077

COMB CAR MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.184674 16.204587 0.288997
0.001293 0.719439 35.617684 0.288997
0.25000 0.184674 47.080200 0.288997
0.50000 0.366565 115.706572 0.288997
0.75000 0.184674 71.690887 0.288997
0.001293 0.112457 11.6019961 0.288997
0.25000 0.184674 110.819961 0.288997
0.50000 0.694011 112.623918 0.288997
1.00000 0.184674 168.361835 0.288997
0.001293 1.296627 36.449989

COMB CAR MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.188601 -167.785940 -0.491266
0.001298 -0.704303 -109.951434 -0.491266
0.25000 -0.188601 -125.435267 -0.491266
0.50000 -0.348041 -40.436917 -0.491266
0.75000 -0.188601 -39.242517 -0.491266
0.001298 -0.188601 -46.563661 -0.491266
0.25000 -0.055899 -39.242517 -0.491266
0.50000 -0.188601 -46.563661 -0.491266
0.75000 -0.055899 -39.242517 -0.491266
1.00000 -0.188601 -46.563661 -0.491266
0.001298 -0.738348 -88.463077 -0.491266

COMB DESIGN MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.184674 16.204587 0.288997
0.001293 0.719439 35.617684 0.288997
0.25000 0.184674 47.080200 0.288997
0.50000 0.366565 115.706572 0.288997
0.75000 0.184674 71.690887 0.288997
0.001293 0.112457 11.6019961 0.288997
0.25000 0.184674 110.819961 0.288997
0.50000 0.694011 112.623918 0.288997
1.00000 0.184674 168.361835 0.288997
0.001293 1.296627 36.449989

COMB DESIGN MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.187904 -150.060040 -0.491266
0.001237 -1.197462 -89.334951 -0.491266
0.25000 -0.187904 -113.137279 -0.491266
0.50000 -0.583233 -33.757088 -0.491266
0.75000 -0.187904 -33.757088 -0.491266
0.001237 -0.403031 -33.757088 -0.491266
0.25000 -0.187904 -32.784232 -0.491266
0.50000 -0.363804 -33.202405 -0.491266
1.00000 -0.187904 -15.749220 -0.491266
0.001237 -0.738348 -88.463077 -0.491266

0.00000 -0.188601 -167.785940 -0.491266
0.001298 -1.197462 -89.334951 -0.491266
0.25000 -0.188601 -125.435267 -0.491266
0.50000 -0.583233 -33.757088 -0.491266
0.75000 -0.188601 -39.242517 -0.491266
0.001298 -0.188601 -46.563661 -0.491266
0.25000 -0.348041 -40.436917 -0.491266
0.50000 -0.188601 -46.563661 -0.491266
0.75000 -0.055899 -39.242517 -0.491266
1.00000 -0.188601 -46.563661 -0.491266
0.001298 -0.738348 -110.047680 -0.491266
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

ELEM 265 LENGTH 5.031359
COMB DB-G1-1 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.179532 0.527924 0.083781
0.001570 0.209493 8.282309 0.083781
0.25000 0.179532 0.527924 0.083781
0.50000 0.179532 0.527924 0.083781
0.75000 0.179532 0.527924 0.083781
0.001570 0.209493 8.282309 0.083781
0.25000 0.179532 0.527924 0.083781
0.50000 0.179532 0.527924 0.083781
0.75000 0.179532 0.527924 0.083781
1.00000 0.179532 0.527924 0.083781
0.001570 0.209493 8.282309 0.083781

COMB DB-G1-1 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.005159 -0.395669 -0.145649
0.001570 -0.005159 -0.395669 -0.145649
0.25000 -0.005159 -0.395669 -0.145649
0.50000 -0.005159 -0.395669 -0.145649
0.75000 -0.005159 -0.395669 -0.145649
0.001570 -0.005159 -0.395669 -0.145649
0.25000 -0.005159 -0.395669 -0.145649
0.50000 -0.005159 -0.395669 -0.145649
0.75000 -0.005159 -0.395669 -0.145649
1.00000 -0.005159 -0.395669 -0.145649
0.001570 -0.005159 -0.395669 -0.145649

COMB DB-G1-2 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.218337 14.974744 0.133036
0.001817 0.331235 33.128955 0.133036
0.25000 0.218337 45.978022 0.133036
0.50000 0.183647 113.116348 0.133036
0.75000 0.218337 124.982139 0.133036
0.001817 0.409456 101.939727 0.133036
1.00000 0.218337 168.121037 0.133036
0.001817 0.753506 31.084296

COMB DB-G1-2 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.009808 -167.785940 -0.288750
0.001817 -0.730718 -110.091420 -0.288750
0.25000 -0.009808 -125.426880 -0.288750
0.50000 -0.367797 -40.705156 -0.288750
0.75000 -0.009808 -86.327266 -0.288750
0.001817 -0.009808 -86.327266 -0.288750
0.25000 -0.009808 -86.327266 -0.288750
0.50000 -0.009808 -86.327266 -0.288750
0.75000 -0.009808 -86.327266 -0.288750
1.00000 -0.009808 -86.327266 -0.288750
0.001817 -0.009808 -86.327266 -0.288750

COMB DB-G1-3 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.203640 13.066445 0.166736
0.001639 0.416238 36.804439 0.166736
0.25000 0.203640 38.904839 0.166736
0.50000 0.203640 104.329353 0.166736
0.75000 0.203640 124.982139 0.166736
0.001639 0.529591 91.655006 0.166736
1.00000 0.203640 140.205363 0.166736
0.001639 0.989939 32.066767

COMB DB-G1-3 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.144111 -139.714675 -0.378684
0.001162 -0.941622 -92.435359 -0.378684
0.25000 -0.144111 -104.749929 -0.378684
0.50000 -0.465617 -34.750754 -0.378684
0.75000 -0.144111 -72.584455 -0.378684
0.001162 -0.047790 -37.739331 -0.378684
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.00000 0.179532 0.527924 0.083781
0.001570 0.209493 8.282309 0.083781
0.25000 0.179532 0.527924 0.083781
0.50000 0.179532 0.527924 0.083781
0.75000 0.179532 0.527924 0.083781
0.001570 0.209493 8.282309 0.083781
0.25000 0.179532 0.527924 0.083781
0.50000 0.179532 0.527924 0.083781
0.75000 0.179532 0.527924 0.083781
1.00000 0.179532 0.527924 0.083781
0.001570 0.209493 8.282309 0.083781

COMB DB-G2-1 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.004693 0.477355 0.072202
0.001570 0.181031 7.778396 0.072202
0.25000 0.004693 0.501407 0.072202
0.50000 0.004693 0.528285 0.072202
0.75000 0.004693 0.528285 0.072202
0.001570 0.181031 7.778396 0.072202
0.25000 0.004693 0.501407 0.072202
0.50000 0.004693 0.528285 0.072202
0.75000 0.004693 0.528285 0.072202
1.00000 0.004693 0.528285 0.072202
0.001570 0.181031 7.778396 0.072202

COMB DB-G2-1 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.189403 -0.321517 -0.140626
0.001510 -0.339338 -1.138234 -0.140626
0.25000 -0.189403 -0.288654 -0.140626
0.50000 -0.189403 -0.152520 -0.140626
0.75000 -0.189403 -0.258785 -0.140626
0.001510 -0.002617 -0.917938 -0.140626
0.25000 -0.189403 -0.227423 -0.140626
0.50000 -0.189403 -0.814704 -0.140626
0.75000 -0.189403 -0.203717 -0.140626
1.00000 -0.189403 -0.806621 -0.140626
0.001510 -0.189403 -0.806621 -0.140626

COMB DB-G2-2 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.013215 14.091389 0.118611
0.54E-07 0.295600 31.759806 0.118611
0.25000 0.013215 42.984742 0.118611
0.54E-07 0.146698 106.529028 0.118611
0.75000 0.013215 135.250375 0.118611
0.54E-07 0.146698 106.529028 0.118611
0.25000 0.013215 42.984742 0.118611
0.54E-07 0.146698 106.529028 0.118611
0.75000 0.013215 135.250375 0.118611
1.00000 0.013215 157.168088 0.118611
0.54E-07 0.146698 106.529028 0.118611

5.44E-07 0.745112 29.599882
COMB DB-G2-2 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.230916 -156.810010 -0.285720
0.001848 -0.722318 -103.020051 -0.285720
0.25000 -0.230916 -117.210514 -0.285720
0.50000 -0.363048 -38.148871 -0.285720
0.75000 -0.230916 -81.914003 -0.285720
0.001848 -0.050772 -36.008160 -0.285720
0.25000 -0.230916 -43.427161 -0.285720
0.50000 -0.001848 -0.151545 35.209408 -0.285720
1.00000 -0.001848 -0.151545 35.209408 -0.285720
0.001848 -0.300815 -100.314524 -0.285720

COMB DB-G2-3 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.141421 13.607408 0.163820
0.001114 0.408999 36.485381 0.163820
0.25000 0.141421 40.622981 0.163820
0.50000 0.141421 105.588131 0.163820
0.75000 0.141421 75.978137 0.163820
0.001114 0.103981 131.914003 0.163820
0.25000 0.141421 109.465048 0.163820
0.50000 0.141421 95.254339 0.163820
0.75000 0.141421 147.055121 0.163820
0.001114 0.950194 35.387152

COMB DB-G2-3 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.213990 -146.55678 -0.378931
0.001660 -0.944344 -68.675436 -0.378931
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FRAME ELEMENT INTERNAL FORCES
REL DIST T P M2 M3 V2 V3
0.25000 -0.213990 -109.644561 -0.378931
0.50000 -0.467839 -36.340483 -0.378931
0.75000 -0.213990 -76.095462 -0.378931
0.001660 -0.076656 -72.776717 -0.378931
0.25000 -0.213990 -40.869904 -0.378931
0.50000 -0.001660 -0.209601 -33.465611 -0.378931
0.75000 -0.213990 -14.243123 -0.378931
0.001660 -0.415188 -94.053668 -0.378931

COMB DL-G1-1 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.169729 0.567411 0.162643
0.001694 0.404529 8.831319 0.162643
0.25000 0.169729 0.567411 0.162643
0.50000 0.169729 0.567411 0.162643
0.75000 0.169729 0.567411 0.162643
0.001694 0.404529 8.831319 0.162643
0.25000 0.169729 0.567411 0.162643
0.50000 0.169729 0.567411 0.162643
0.75000 0.169729 0.567411 0.162643
1.00000 0.169729 0.567411 0.162643
0.001694 0.404529 8.831319 0.162643

COMB DL-G1-1 MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.006205 -0.385191 -0.276876
0.001694 -0.671618 -1.531219 -0.276876
0.25000 -0.006205 -0.385191 -0.276876
0.50000 -0.006205 -0.385191 -0.276876
0.75000 -0.006205 -0.385191 -0.276876
0.001694 -0.006205 -0.385191 -0.276876
0.25000 -0.006205 -0.385191 -0.276876
0.50000 -0.006205 -0.385191 -0.276876
0.75000 -0.006205 -0.385191 -0.276876
1.00000 -0.006205 -0.385191 -0.276876
0.001694 -0.006205 -0.385191 -0.276876

COMB DL-G1-2 MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.216789 14.916842 0.246783
0.001916 0.612131 27.550309 0.246783
0.25000 0.216789 33.066242 0.246783
0.50000 0.305323 79.7

1585 FRAME ELEMENT INTERNAL FORCES

COMB	CAR	MIN	
REL DIST	P	V2	V3
	M2	M3	
0.00000	-0.230916	-167.789655	-0.627136
0.001950	-0.230916	-125.428680	-0.627136
0.25000	-0.230916	-40.705156	-0.627136
0.001950	-0.230916	-86.927266	-0.627136
0.50000	-0.230916	-37.575500	-0.627136
0.001950	-0.230916	-15.944658	-0.627136
0.001950	-0.230916	-107.226422	-0.627136

COMB	DESIGN	MAX	
REL DIST	P	V2	V3
	M2	M3	
0.00000	0.218337	14.974574	0.309589
0.001916	0.218337	36.486381	0.309589
0.25000	0.218337	113.116348	0.309589
0.001916	0.218337	86.552092	0.309589
0.50000	0.218337	143.871185	0.309589
0.001916	0.218337	101.99727	0.309589
1.00000	0.218337	168.121037	0.309589
0.001916	1.627785	33.387152	

COMB	DESIGN	MIN	
REL DIST	P	V2	V3
	M2	M3	
0.00000	-0.230916	-167.789655	-0.627136
0.001950	-0.230916	-110.091120	-0.627136
0.25000	-0.230916	-40.705156	-0.627136
0.001950	-0.230916	-86.927266	-0.627136
0.50000	-0.230916	-37.575500	-0.627136
0.001950	-0.230916	-15.944658	-0.627136
0.001950	-0.230916	-107.226422	-0.627136

ELEM 266 ===== LENGTH
5.030246

COMB	DB-G1-1	MAX	
REL DIST	P	V2	V3
	M2	M3	
0.00000	0.166300	1.011255	0.069005
0.002325	0.166300	6.747451	0.069005
0.25000	0.166300	1.037257	0.069005
0.002325	0.166300	5.563725	0.069005
0.50000	0.166300	1.098750	0.069005
0.002325	0.166300	4.347435	0.069005
0.75000	0.166300	1.098670	0.069005
0.002325	0.166300	3.177480	0.069005
1.00000	0.166300	1.136181	0.069005
0.002325	0.326809	2.194611	

COMB	DB-G1-1	MIN	
REL DIST	P	V2	V3
	M2	M3	
0.00000	-0.005116	-0.256246	-0.138716
-2.63E-05	-0.005116	-0.256246	-0.138716
0.25000	-0.005116	-0.223870	-0.138716
-2.63E-05	-0.005116	-0.223870	-0.138716
0.50000	-0.005116	-0.192635	-0.138716
-2.63E-05	-0.005116	-0.192635	-0.138716
0.75000	-0.005116	-0.161786	-0.138716
-2.63E-05	-0.005116	-0.161786	-0.138716
1.00000	-0.005116	-0.142155	-0.138716
-2.63E-05	-0.005116	-0.142155	-0.138716

COMB	DB-G1-2	MAX	
REL DIST	P	V2	V3
	M2	M3	
0.00000	0.201064	7.325733	0.111543
0.002682	0.201064	31.145331	0.111543
0.25000	0.201064	40.843211	0.111543
0.002682	0.201064	108.353692	0.111543
0.50000	0.201064	82.886929	0.111543
0.002682	0.201064	130.872647	0.111543
1.00000	0.201064	168.355782	0.111543
0.002682	0.201064	32.314527	

COMB	DB-G1-2	MIN	
REL DIST	P	V2	V3
	M2	M3	
0.00000	-0.008934	-164.872625	-0.586018
-7.8E-05	-0.008934	-164.872625	-0.586018
0.25000	-0.008934	-123.140399	-0.586018
-7.8E-05	-0.008934	-123.140399	-0.586018
0.50000	-0.008934	-82.886929	-0.586018
-7.8E-05	-0.008934	-82.886929	-0.586018
0.75000	-0.008934	-43.114004	-0.586018
-7.8E-05	-0.008934	-43.114004	-0.586018
1.00000	-0.008934	-17.809799	-0.586018
-7.8E-05	-0.008934	-17.809799	-0.586018

COMB	DB-G1-3	MAX	
REL DIST	P	V2	V3
	M2	M3	
0.00000	0.187414	7.267920	0.138307
0.002416	0.187414	32.888231	0.138307
0.25000	0.187414	35.093407	0.138307
0.002416	0.187414	100.816938	0.138307
0.50000	0.187414	69.997195	0.138307
0.002416	0.187414	112.795301	0.138307
0.75000	0.187414	100.816938	0.138307
0.002416	0.187414	7.267920	0.138307
1.00000	0.187414	140.951593	0.138307
0.002416	0.828722	29.314627	

COMB	DB-G1-3	MIN	
REL DIST	P	V2	V3
	M2	M3	
0.00000	-0.132304	-137.115611	-0.361051
-0.001711	-0.132304	-137.115611	-0.361051
0.25000	-0.132304	-102.470392	-0.361051
-0.001711	-0.132304	-102.470392	-0.361051
0.50000	-0.132304	-69.060389	-0.361051
-0.001711	-0.132304	-69.060389	-0.361051
0.75000	-0.132304	-36.034229	-0.361051
-0.001711	-0.132304	-36.034229	-0.361051
1.00000	-0.132304	-15.027224	-0.361051
-0.001711	-0.132304	-15.027224	-0.361051

COMB	DB-G2-1	MAX	
REL DIST	P	V2	V3
	M2	M3	
0.00000	0.004010	0.937420	0.058810
0.208E-05	0.004010	6.351359	0.058810
0.25000	0.004010	0.963422	0.058810
0.208E-05	0.004010	5.242230	0.058810
0.50000	0.004010	0.960400	0.058810
0.208E-05	0.004010	4.123627	0.058810
0.75000	0.004010	1.024835	0.058810
0.208E-05	0.004010	3.028076	0.058810
1.00000	0.004010	1.062346	0.058810

2.08E-05 0.312846 1.957901 COMB DB-G2-1 MIN

REL DIST	P	V2	V3
	M2	M3	
0.00000	-0.171612	-0.248671	-0.132899
-0.002269	-0.171612	-0.248671	-0.132899
0.25000	-0.171612	-0.216295	-0.132899
-0.002269	-0.171612	-0.216295	-0.132899
0.50000	-0.171612	-0.186366	-0.132899
-0.002269	-0.171612	-0.186366	-0.132899
0.75000	-0.171612	-0.154211	-0.132899
-0.002269	-0.171612	-0.154211	-0.132899
1.00000	-0.171612	-0.134683	-0.132899
-0.002269	-0.171612	-0.134683	-0.132899

COMB DB-G2-2 MAX

REL DIST	P	V2	V3
	M2	M3	
0.00000	0.010510	7.542918	0.098592
7.68E-07	0.010510	23.657018	0.098592
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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
	M2	M3	
0.25000	0.010510	38.238564	0.098592
7.68E-07	0.010510	101.763400	0.098592
0.50000	0.010510	77.542918	0.098592
7.68E-07	0.010510	122.699158	0.098592
0.75000	0.010510	112.240454	0.098592
7.68E-07	0.010510	78.462497	0.098592
1.00000	0.010510	157.441594	0.098592
7.68E-07	0.010510	30.188000	

COMB	DB-G2-2	MIN	
REL DIST	P	V2	V3
	M2	M3	
0.00000	-0.209913	-154.114723	-0.272172
-0.002755	-0.209913	-154.114723	-0.272172
0.25000	-0.209913	-115.102024	-0.272172
-0.002755	-0.209913	-115.102024	-0.272172
0.50000	-0.209913	-77.480256	-0.272172
-0.002755	-0.209913	-77.480256	-0.272172
0.75000	-0.209913	-40.290721	-0.272172
-0.002755	-0.209913	-40.290721	-0.272172
1.00000	-0.209913	-16.635510	-0.272172
-0.002755	-0.209913	-16.635510	-0.272172

COMB	DB-G2-3	MAX	
REL DIST	P	V2	V3
	M2	M3	
0.00000	0.128805	7.441118	0.135799
0.001607	0.128805	33.466917	0.135799
0.25000	0.128805	36.647348	0.135799
0.001607	0.128805	99.416206	0.135799
0.50000	0.128805	73.283116	0.135799
0.001607	0.128805	105.625707	0.135799
0.75000	0.128805	75.739225	0.135799
0.001607	0.128805	147.758380	0.135799
0.001607	0.827381	30.403845	

COMB	DB-G2-3	MIN	
REL DIST	P	V2	V3
	M2	M3	
0.00000	-0.194765	-143.933778	-0.360983
-0.002580	-0.194765	-143.933778	-0.360983
0.25000	-0.194765	-94.026662	-0.360983
-0.002580	-0.194765	-94.026662	-0.360983
0.50000	-0.194765	-34.522833	-0.360983
-0.002580	-0.194765	-34.522833	-0.360983
0.75000	-0.194765	-12.801551	-0.360983
-0.002580	-0.194765	-12.801551	-0.360983
1.00000	-0.194765	-73.835894	-0.360983
-0.002580	-0.194765	-73.835894	-0.360983

COMB	DB-G1-1	MAX	
REL DIST	P	V2	V3
	M2	M3	
0.00000	0.156791	1.165791	0.136940
0.002643	0.156791	7.136501	0.136940
0.25000	0.156791	1.179800	0.136940
0.002643	0.156791	5.626600	0.136940
0.50000	0.156791	1.200991	0.136940
0.002643	0.156791	4.527651	0.136940
0.75000	0.156791	1.221008	0.136940
0.002643	0.156791	3.308799	0.136940
1.00000	0.156791	1.237246	0.136940
0.002643	0.599734	2.185422	

COMB	DB-G1-1	MIN	
REL DIST	P	V2	V3
	M2	M3	
0.00000	-0.005662	-0.257852	-0.255501
-2.82E-05	-0.005662	-0.257852	-0.255501
0.25000	-0.005662	-0.238357	-0.255501
-2.82E-05	-0.005662	-0.238357	-0.255501
0.50000	-0.005662	-0.195486	-0.255501
-2.82E-05	-0.005662	-0.195486	-0.255501
0.75000	-0.005662	-0.178789	-0.255501
-2.82E-05	-0.005662	-0.178789	-0.255501
1.00000	-0.005662	-0.145454	-0.255501
-2.82E-05	-0.005662	-0.145454	-0.255501

COMB	DB	MAX	
REL DIST	P	V2	V3
	M2	M3	
0.00000	0.201064	7.325733	0.111543
0.002682	0.201064	31.145331	0.111543
0.25000	0.201064	40.843211	0.111543
0.002682	0.201064	108.353692	0.111543
0.50000	0.201064	82.886929	0.111543
0.002682	0.201064	130.872647	0.111543
1.00000	0.201064	168.355782	0.111543
0.002682	0.201064	32.314527	

0.00000	0.196025	6.02181	0.209605
0.002963	0.196025	22.582113	0.209605
0.25000	0.196025	33.963885	0.209605
0.002963	0.308707	74.939323	0.209605
0.50000	0.196025	74.450657	0.209605
0.002963	0.072969	95.634920	0.209605
0.75000	0.196025	118.78715	0.209605
0.002963	0.47700	118.928609	0.209605
1.00000	0.196025	148.574373	0.209605
0.002963	1.031782	228.02889	
COMB DL-G1-2 ----- MIN			
REL DIST	P	M3	V3
J	M2	V2	

REL DIST P M2 V2 V3
0.00000 -0.068395 -131.511333 -3.480710
-0.002246 -2.519855 -66.502717
0.25000 -0.068395 -114.707905 -3.480710
-0.002246 -1.294848 -49.879443
0.50000 -0.068395 -93.024126 -3.480710
-0.002246 -0.072347 -33.256152
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FRAME ELEMENT INTERNA
L FORCES

REL DIST T P M2 M3 V3
0.75000 -0.068395 -68.577912 -3.480710
-0.002246 -0.541055 -16.632808
1.00000 -0.068395 -44.038785 -3.480710
-0.002246 -1.036382 -0.188921

COMB DB-G2-1 MAX
REL DIST T P M2 M3 V3
0.00000 0.002255 1.346995 0.553645
2.56E-05 0.398662 2.001125
0.25000 0.002255 1.368766
2.56E-05 0.189079 1.517715
0.50000 0.002255 1.394238
2.56E-05 0.046124 1.020618
0.75000 0.002255 1.422157
2.56E-05 0.548016 0.553645
1.00000 0.002255 1.451253
2.56E-05 1.050792 0.026162

COMB DB-G2-1 MIN
REL DIST T P M2 M3 V3
0.00000 -0.088835 -0.258237 -1.330687
-0.003098 -0.958389 -0.252565
0.25000 -0.088835 -0.242534 -1.330687
-0.003098 -0.456114 -0.185944
0.50000 -0.088835 -0.189079 -1.330687
-0.003098 -0.019172 -0.119269
0.75000 -0.088835 -0.199426 -1.330687
-0.003098 -0.228289 0.052674
1.00000 -0.088835 -0.176494
-0.003098 -0.437273 -0.061216

COMB DB-G2-2 MAX
REL DIST T P M2 M3 V3
0.00000 0.005103 20.085046 0.936196
9.46E-07 0.670144 30.239544
0.25000 0.005103 46.355304 0.936196
9.46E-07 0.320759 52.402064
0.50000 0.005103 77.049454 0.936196
9.46E-07 0.121583 56.071375
0.75000 0.005103 110.691224 0.936196
9.46E-07 1.054768 41.684265
1.00000 0.005103 145.752519 0.936196
9.46E-07 0.222608 0.043802

COMB DB-G2-2 MIN
REL DIST T P M2 M3 V3
0.00000 -0.108764 -147.914132 -2.565646
-0.003719 -0.108764 -17.521450
0.25000 -0.108764 -128.581319 -2.565646
-0.003719 -0.915080 -55.968999
0.50000 -0.108764 -54.751121 -2.565646
-0.003719 -0.067113 -37.116527
0.75000 -0.108764 -77.047136 -2.565646
-0.003719 -0.386011 -18.664049
1.00000 -0.108764 -49.414363 -2.565646
-0.003719 -0.739396 -0.143639

COMB DB-G2-3 MAX
REL DIST T P M2 M3 V3
0.00000 0.065191 20.274386 1.288070
0.002108 0.927524 30.498017
0.25000 0.065191 44.761319 1.288070
0.002108 0.441317 50.699111
0.50000 0.065191 73.371832 1.288070
0.002108 0.150585 55.268798
0.75000 0.102589 104.789027 1.288070
0.002108 1.427932 39.407417
1.00000 0.065191 137.411071 1.288070
0.002108 2.737550 0.060464

COMB DB-G2-3 MIN
REL DIST T P M2 M3 V3
0.00000 -0.101020 -138.042037 -3.470983
-0.003559 -2.513449 -69.817979
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FRAME ELEMENT INTERNA
L FORCES

REL DIST T P M2 M3 V3
0.25000 -0.101020 -120.404797 -3.470983
-0.003559 -1.223154 -52.367979
0.50000 -0.101020 -97.645036 -3.470983
-0.003559 -0.072889 -34.917962
0.75000 -0.101020 -71.985764 -3.470983
-0.003559 -0.431095 -0.293719
1.00000 -0.101020 -46.228967 -3.470983
-0.003559 -1.017302 -0.188839

COMB DL-G1-1 MAX
REL DIST T P M2 M3 V3
0.00000 0.080108 1.804073 1.307910
0.003829 0.941735 2.309553
0.25000 0.080108 1.813889 1.307910
0.003829 0.448115 1.714662
0.50000 0.080108 1.823577
0.003829 0.087175 1.116941
0.75000 0.080108 1.845456
0.003829 0.473000 0.520051
1.00000 0.080108 1.861954 1.307910
0.003829 2.007107 0.058829

COMB DL-G1-1 MIN
REL DIST T P M2 M3 V3
0.00000 -0.002246 -0.322442 -2.541944
-3.81E-05 -1.830267 -0.344883
0.25000 -0.002246 -0.308726 -2.541944
-3.81E-05 -0.870444 -0.241916
0.50000 -0.002246 -0.293717 -2.541944
-3.81E-05 -0.045516 -0.139639
0.75000 -0.002246 -0.281288 -2.541944
-3.81E-05 -0.539204 -0.061586
1.00000 -0.002246 -0.280920 -2.541944
-3.81E-05 -1.032807 -0.119623

COMB DL-G1-2 MAX
REL DIST T P M2 M3 V3
0.00000 0.099302 15.714693 2.009616
0.004352 1.447019 18.391632
0.25000 0.099302 35.295925 2.009616
0.004352 0.688275 30.438819
0.50000 0.099302 64.160067 2.009616
0.004352 0.168007 36.021972

0.75000 0.099302 96.537532 2.009616
0.004352 781032 26.526480
1.00000 0.099302 131.761451 2.009616
0.004352 3.419432 0.088675

COMB DL-G1-2 MIN
REL DIST T P M2 M3 V3
0.00000 -0.004656 -135.480143 -4.341889
-7.71E-05 -3.14108 25.857210
0.25000 -0.004656 -108.714333 -4.341889
-7.71E-05 -1.521067 -48.624502
0.50000 -0.004656 -78.771880 -4.341889
-7.71E-05 -0.109032 -32.989337
0.75000 -0.004656 -53.976937 -4.341889
-7.71E-05 -0.828210 -16.194213
1.00000 -0.004656 -53.380943 -4.341889
-7.71E-05 -1.587055 -0.236311

COMB DL-G1-3 MAX
REL DIST T P M2 M3 V3
0.00000 0.094471 14.753731 2.507252
0.04085 1.805477 17.397565
0.25000 0.094471 30.781451 2.507252
0.04085 0.858900 26.629198
0.50000 0.094471 54.333237 2.507252
0.04085 0.212890 36.921771
0.75000 0.094471 80.785383 2.507252
0.04085 2.365677 22.217346
1.00000 0.094471 109.093451 2.507252
0.04085 4.538165 0.110700
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G1-3 MIN
REL DIST T P M2 M3 V3
0.00000 -0.063720 -110.948693 -5.765656
-0.002602 -4.157578 -79.851586
0.25000 -0.063720 -89.081227 -5.765656
-0.002602 -1.999935 -40.001626
0.50000 -0.063720 -64.818468 -5.765656
-0.002602 -0.118867 -36.921972
0.75000 -0.063720 -44.361186 -5.765656
-0.002602 -0.103714 -16.194213
1.00000 -0.063720 -43.874264 -5.765656
-0.002602 -1.980149 -0.302317

COMB DL-G2-1 MAX
REL DIST T P M2 M3 V3
0.00000 0.003197 1.589596 0.934165
3.04E-05 0.672871 2.038705
0.25000 0.003197 1.590411 0.934165
3.04E-05 0.320663 1.521118
0.50000 0.003197 1.613879 0.934165
3.04E-05 0.080473 1.005602
0.75000 0.003197 1.630109 0.934165
3.04E-05 0.947665 0.483761
1.00000 0.003197 1.647476 0.934165
3.04E-05 1.815728 0.041496

COMB DL-G2-1 MIN
REL DIST T P M2 M3 V3
0.00000 -0.087340 -0.251221 -2.299194
-0.003757 -1.655882 -0.262289
0.25000 -0.087340 -28.107027 -2.299194
-0.003757 -0.788049 -0.925218
0.50000 -0.087340 -0.222796 -2.299194
-0.003757 -0.032726 -0.131730
0.75000 -0.087340 -24.522444 -2.299194
-0.003757 -0.385966 -0.072805
1.00000 -0.087340 -0.210069 -2.299194
-0.003757 -0.737978 -0.106182

COMB DL-G2-2 MAX
REL DIST T P M2 M3 V3
0.00000 0.009955 14.463469 1.586000
7.12E-07 1.142284 16.953465
0.25000 0.009955 32.562612 1.586000
7.12E-07 0.544228 28.107027 1.586000
0.50000 0.009955 59.242049 1.586000
7.12E-07 0.161151 33.927362 1.586000
0.75000 0.009955 89.168889 1.586000
7.12E-07 1.690080 24.522444 1.586000
1.00000 0.009955 121.195441 1.586000
7.12E-07 3.243670 0.068723

COMB DL-G2-2 MIN
REL DIST T P M2 M3 V3
0.00000 -0.103858 -125.177055 -4.117963
-0.004383 -2.979427 -61.184214
0.25000 -0.103858 -100.437138 -4.117963
-0.004383 -1.442718 -44.863667
0.50000 -0.103858 -72.761008 -4.117963
-0.004383 -0.091415 -29.920678
0.75000 -0.103858 -49.842773 -4.117963
-0.004383 -0.654142 -14.977417
1.00000 -0.103858 -49.291894 -4.117963
-0.004383 -1.252632 -0.222541

COMB DL-G2-3 MAX
REL DIST T P M2 M3 V3
0.00000 0.065474 14.908311 2.382722
0.002498 0.715983 17.565733 2.382722
0.25000 0.065474 31.312377 2.382722
0.002498 0.817241 27.107071 2.382722
0.50000 0.065474 55.493149 2.382722
0.002498 0.13276 23.24828 2.382722
0.75000 0.065474 82.617188 2.382722
0.002498 2.342356 22.725693 2.382722
1.00000 0.065474 111.642920 2.382722
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FRAME ELEMENT INTERNA
L FORCES

COMB DL-G2-3 MIN
REL DIST T P M2 M3 V3
0.00000 -0.096725 -113.755456 -5.700109
-0.004130 -4.177345 -55.854546
0.25000 -0.096725 -91.334050 -5.700109
-0.004130 -1.981485 -40.970880
0.50000 -0.096725 -62.249925 -5.700109
-0.004130 -0.115577 -27.298946
0.75000 -0.096725 -45.478015 -5.700109
-0.004130 -0.982715 -13.656240
1.00000 -0.096725 -47.078101 -5.700109
-0.004130 -1.882027 -0.299783

COMB DB MAX
REL DIST T P M2 M3 V3
0.00000 0.101935 21.513664 2.132231
0.003629 0.944923 32.387496
0.25000 0.101935 49.615209 2.132231
0.003629 0.449597 56.084177 2.132231
0.50000 0.101935 82.449034 2.132231

0.75000 0.101935 118.435956 1.312231
0.003629 1.432028 44.601920
1.00000 0.101935 155.941358 1.312231
0.003629 2.745346 0.061707

COMB DB-G1-2 MIN
REL DIST T P M2 M3 V3
0.00000 -0.108764 -158.246653 -3.480710
-0.003719 -2.519855 -79.851586
0.25000 -0.108764 -138.005910 -3.480710
-0.003719 -1.224948 -59.890767
0.50000 -0.108764 -111.886490
-0.003719 -0.392929 -39.299299
0.75000 -0.108764 -82.439551 -3.480710
-0.003719 -0.541055 -19.969031
1.00000 -0.108764 -52.880691 -3.480710
-0.003719 -1.036382 -0.188921

COMB DB-G1-3 MAX
REL DIST T P M2 M3 V3
0.00000 0.099302 15.714693 2.507252
0.04352 1.805477 18.391632
0.25000 0.099302 35.295925 2.507252
0.04352 0.858900 30.438819 2.507252
0.50000 0.099302 64.160067 2.507252
0.04352 0.212890 36.921972 2.507252
0.75000 0.099302 96.537532 2.507252
0.04352 2.365677 22.217346
1.00000 0.099302 131.186649 2.507252
0.04352 4.538165 0.110700

COMB CAR MAX
REL DIST T P M2 M3 V3
0.00000 0.101935 21.513664 2.507252
0.04352 1.805477 32.387496
0.25000 0.101935 49.615209
0.04352 0.858900 56.084177
0.50000 0.101935 82.449034 2.507252
0.04352 0.213890 62.138921
0.75000 0.101935 118.435956 2.507252
0.04352 2.365677 44.601920
1.00000 0.101935 155.941358 2.507252
0.04352 4.538165 0.110700
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FRAME ELEMENT INTERNA
L FORCES

COMB CAR MIN
REL DIST T P M2 M3 V3
0.00000 -0.108764 -158.246653 -3.480710
-0.004383 -4.157578 -79.851586
0.25000 -0.108764 -138.005910 -3.480710
-0.004383 -1.999935 -59.890767
0.50000 -0.108764 -111.886490 -3.480710
-0.004383 -0.118867 -36.921972
0.75000 -0.108764 -82.439551 -3.480710
-0.004383 -0.541055 -19.969031
1.00000 -0.108764 -53.380943 -3.480710
-0.004383 -1.980149 -0.302317

COMB DESIGN MAX
REL DIST T P M2 M3 V3
0.00000 0.101935 21.513664 2.507252
0.04352 1.805477 32.387496
0.25000 0.101935 49.615209
0.04352 0.858900 56.084177
0.50000 0.101935 82.449034 2.507252
0.04352 0.213890 62.138921
0.75000 0.101935 118.435956 2.507252
0.04352 2.365677 44.601920
1.00000 0.101935 155.941358 2.507252
0.04352 4.538165 0.110700

COMB DESIGN MIN
REL DIST T P M2 M3 V3
0.00000 -0.108764 -158.246653 -3.480710
-0.004383 -4.157578 -79.851586
0.25000 -0.108764 -138.005910 -3.480710
-0.004383 -1.999935 -59.890767
0.50000 -0.108764 -111.886490 -3.480710
-0.004383 -0.118867 -36.921972
0.75000 -0.108764 -82.439551 -3.480710
-0.004383 -0.541055 -19.969031
1.00000 -0.108764 -53.380943 -3.480710
-0.004383 -1.980149 -0.302317

ELEM 268 ===== LENGTH
1.100000

COMB DB-G1-1 MAX
REL DIST T P M2 M3 V3
0.00000 41.017529 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.25000 41.017529 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.50000 41.017529 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.75000 41.017529 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
1.00000 41.017529 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000

COMB DB-G1-1 MIN
REL DIST T P M2 M3 V3
0.00000 -508.801885 0.000000 0.000000
0.00000 -508.801885 0.000000 0.000000
0.25000 -508.801885 0.000000 0.000000
0.00000 -508.801885 0.000000 0.000000
0.50000 -508.801885 0.000000 0.000000
0.00000 -508.801885 0.000000 0.000000
0.75000 -508.801885 0.000000 0.000000
0.00000 -508.801885 0.000000 0.000000
1.00000 -508.801885 0.000000 0.000000
0.00000 -508.801885 0.000000 0.000000

COMB DB-G1-2 MAX
REL DIST T P M2 M3 V3
0.00000 68.690694 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.25000 68.690694 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.50000 68.690694 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.75000 68.690694 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
1.00000 68.690694 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNA
L FORCES

REL DIST T P M2 M3 V3
0.75000 68.690694 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
1.00000 68.690694 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000

COMB DB-G1-2 MIN
REL DIST T P M2 M3 V3
0.00000 -751.266650 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.25000 -751.266650 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.50000 -751.266650 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.75000 -751.266650 0.000000 0.000000
0.00000 0.000000

0.75000	92.005022	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	92.005022	.000000	.000000
.000000	.000000	.000000	.000000
COMB DL-G2-2 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-403.934797	.000000	.000000
.000000	.000000	.000000	.000000
0.25000	-403.934797	.000000	.000000
.000000	.000000	.000000	.000000
0.50000	-403.934797	.000000	.000000
.000000	.000000	.000000	.000000
0.75000	-403.934797	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	-403.934797	.000000	.000000
.000000	.000000	.000000	.000000
COMB DL-G2-3 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	139.926625	.000000	.000000
.000000	.000000	.000000	.000000
0.25000	139.926625	.000000	.000000
.000000	.000000	.000000	.000000
0.50000	139.926625	.000000	.000000
.000000	.000000	.000000	.000000
0.75000	139.926625	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	139.926625	.000000	.000000
.000000	.000000	.000000	.000000
Program SAP2000 Nonlinear Version 7.42			
File:상행S11-S1503.OUT			
< MOVING Page 1606 LOAD >			
F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB DL-G2-3 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1183.007	.000000	.000000
.000000	.000000	.000000	.000000
0.25000	-1183.007	.000000	.000000
.000000	.000000	.000000	.000000
0.50000	-1183.007	.000000	.000000
.000000	.000000	.000000	.000000
0.75000	-1183.007	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	-1183.007	.000000	.000000
.000000	.000000	.000000	.000000
COMB DB ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	105.071015	.000000	.000000
.000000	.000000	.000000	.000000
0.25000	105.071015	.000000	.000000
.000000	.000000	.000000	.000000
0.50000	105.071015	.000000	.000000
.000000	.000000	.000000	.000000
0.75000	105.071015	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	105.071015	.000000	.000000
.000000	.000000	.000000	.000000
COMB DL ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-808.867795	.000000	.000000
.000000	.000000	.000000	.000000
0.25000	-808.867795	.000000	.000000
.000000	.000000	.000000	.000000
0.50000	-808.867795	.000000	.000000
.000000	.000000	.000000	.000000
0.75000	-808.867795	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	-808.867795	.000000	.000000
.000000	.000000	.000000	.000000
COMB DL ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
0.25000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
0.50000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
0.75000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
COMB DL ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
0.25000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
0.50000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
0.75000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
COMB CAR ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
0.25000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
0.50000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
0.75000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
Program SAP2000 Nonlinear Version 7.42			
File:상행S11-S1503.OUT			
< MOVING Page 1607 LOAD >			
F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB CAR ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
0.25000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
0.50000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
0.75000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
COMB DESIGN ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
0.25000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
0.50000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
0.75000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000

0.75000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	149.544051	.000000	.000000
.000000	.000000	.000000	.000000
COMB DESIGN ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
0.25000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
0.50000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
0.75000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
1.00000	-1676.491	.000000	.000000
.000000	.000000	.000000	.000000
ELEM 270 ===== LENGTH = 1.200000			
COMB DB-G1-1 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	52.706674	12.976693	0.383896
.000000	.0460675	15.572031	0.383896
0.25000	52.706674	12.976693	0.383896
.000000	.0460675	15.572031	0.383896
0.50000	52.706674	12.976693	0.383896
.000000	.0460675	15.572031	0.383896
0.75000	52.706674	12.976693	0.383896
.000000	.0460675	15.572031	0.383896
1.00000	52.706674	12.976693	0.383896
.000000	.0460675	15.572031	0.383896
COMB DB-G1-1 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-549.352024	-12.980639	-0.383779
.000000	-0.460535	-15.576767	-0.383779
0.25000	-549.352024	-12.980639	-0.383779
.000000	-0.460535	-15.576767	-0.383779
0.50000	-549.352024	-12.980639	-0.383779
.000000	-0.460535	-15.576767	-0.383779
0.75000	-549.352024	-12.980639	-0.383779
.000000	-0.460535	-15.576767	-0.383779
1.00000	-549.352024	-12.980639	-0.383779
.000000	-0.460535	-15.576767	-0.383779
COMB DB-G1-2 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	89.346336	15.834198	0.465531
.000000	.058638	19.001037	0.465531
0.25000	89.346336	15.834198	0.465531
.000000	.058638	19.001037	0.465531
0.50000	89.346336	15.834198	0.465531
.000000	.058638	19.001037	0.465531
0.75000	89.346336	15.834198	0.465531
.000000	.058638	19.001037	0.465531
Program	SAP2000 Nonlinear	Version 7.42	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
REL DIST	P	V2	V3
T	M2	M3	
0.75000	89.346336	15.834198	0.465531
.000000	.0139648	14.705259	0.465531
1.00000	89.346336	15.834198	0.465531
.000000	.0139648	.000000	
COMB DB-G1-2 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-808.403550	-15.740960	-0.468288
.000000	-0.561941	-18.889152	-0.468288
0.25000	-808.403550	-15.740960	-0.468288
.000000	-0.561941	-18.889152	-0.468288
0.50000	-808.403550	-15.740960	-0.468288
.000000	-0.561941	-18.889152	-0.468288
0.75000	-808.403550	-15.740960	-0.468288
.000000	-0.561941	-18.889152	-0.468288
1.00000	-808.403550	-15.740960	-0.468288
.000000	-0.561941	-18.889152	-0.468288
COMB DB-G1-3 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	109.064833	23.404918	0.687988
.000000	0.825545	28.085902	0.687988
0.25000	109.064833	23.404918	0.687988
.000000	0.825545	28.085902	0.687988
0.50000	109.064833	23.404918	0.687988
.000000	0.825545	28.085902	0.687988
0.75000	109.064833	23.404918	0.687988
.000000	0.825545	28.085902	0.687988
1.00000	109.064833	23.404918	0.687988
.000000	0.825545	28.085902	0.687988
COMB DB-G1-3 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-767.203186	-23.262912	-0.692187
.000000	-0.530580	-27.915494	-0.692187
0.25000	-767.203186	-23.262912	-0.692187
.000000	-0.530580	-27.915494	-0.692187
0.50000	-767.203186	-23.262912	-0.692187
.000000	-0.530580	-27.915494	-0.692187
0.75000	-767.203186	-23.262912	-0.692187
.000000	-0.530580	-27.915494	-0.692187
1.00000	-767.203186	-23.262912	-0.692187
.000000	-0.530580	-27.915494	-0.692187
COMB DB-G2-1 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	32.342247	13.140462	0.385783
.000000	0.462939	15.765554	0.385783
0.25000	32.342247	13.140462	0.385783
.000000	0.462939	15.765554	0.385783
0.50000	32.342247	13.140462	0.385783
.000000	0.462939	15.765554	0.385783
0.75000	32.342247	13.140462	0.385783
.000000	0.462939	15.765554	0.385783
1.00000	32.342247	13.140462	0.385783
.000000	0.462939	15.765554	0.385783
COMB DB-G2-1 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.311131	-13.044445	-0.388623
.000000	-0.466347	-15.653335	-0.388623
0.25000	-19.311131	-13.044445	-0.388623
.000000	-0.466347	-15.653335	-0.388623
0.50000	-19.311131	-13.044445	-0.388623
.000000	-0.466347	-15.653335	-0.388623
0.75000	-19.311131	-13.044445	-0.388623
.000000	-0.466347	-15.653335	-0.388623
1.00000	-19.311131	-13.044445	-0.388623
.000000	-0.466347	-15.653335	-0.388623
COMB DB-G2-2 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	66.809534	16.422682	0.479777
.000000	0.575732	19.707219	0.479777
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0.00000	98.524658	.000000	.000000							0.75000	98.524658	.000000	.000000							0.00000	.000000	.000000	.000000	.000000
0.00000	0.00000	.000000	.000000							0.00000	0.00000	.000000	.000000							0.50000	56.821388	.000000	.000000	.000000
0.25000	98.524658	.000000	.000000							1.00000	98.524658	.000000	.000000							0.00000	.000000	.000000	.000000	.000000
0.00000	0.00000	.000000	.000000							0.00000	0.00000	.000000	.000000							0.75000	56.821388	.000000	.000000	.000000
0.50000	98.524658	.000000	.000000							0.00000	0.00000	.000000	.000000							1.00000	56.821388	.000000	.000000	.000000
0.00000	0.00000	.000000	.000000							0.00000	0.00000	.000000	.000000							.000000	.000000	.000000	.000000	.000000
0.75000	98.524658	.000000	.000000							0.00000	-813.003859	.000000	.000000							0.00000	-760.830748	.000000	.000000	.000000
1.00000	98.524658	.000000	.000000							0.25000	-813.003859	.000000	.000000							0.00000	.000000	.000000	.000000	.000000
0.00000	0.00000	.000000	.000000							0.50000	-813.003859	.000000	.000000							0.25000	-760.830748	.000000	.000000	.000000
COMB DB-G1-3	-----	MIN								0.00000	-813.003859	.000000	.000000							0.00000	.000000	.000000	.000000	.000000
REL DIST	P	M2	M3	V2	V3					0.75000	-813.003859	.000000	.000000							0.50000	-760.830748	.000000	.000000	.000000
0.00000	-785.117680	.000000	.000000	.000000	.000000					1.00000	-813.003859	.000000	.000000							0.00000	.000000	.000000	.000000	.000000
0.25000	-785.117680	.000000	.000000	.000000	.000000					0.00000	-1777.855	.000000	.000000							0.75000	-760.830748	.000000	.000000	.000000
0.00000	0.00000	.000000	.000000	.000000	.000000					0.00000	-1777.855	.000000	.000000							0.00000	.000000	.000000	.000000	.000000
0.50000	-785.117680	.000000	.000000	.000000	.000000					0.25000	-1777.855	.000000	.000000							0.50000	-760.830748	.000000	.000000	.000000
0.00000	0.00000	.000000	.000000	.000000	.000000					0.00000	-1777.855	.000000	.000000							0.75000	-760.830748	.000000	.000000	.000000
0.75000	-785.117680	.000000	.000000	.000000	.000000					0.50000	-1777.855	.000000	.000000							1.00000	-760.830748	.000000	.000000	.000000
1.00000	-785.117680	.000000	.000000	.000000	.000000					0.00000	-1777.855	.000000	.000000							.000000	.000000	.000000	.000000	.000000
0.00000	0.00000	.000000	.000000	.000000	.000000					0.25000	-1777.855	.000000	.000000							0.00000	.000000	.000000	.000000	.000000
COMB DB-G2-1	-----	MAX								0.50000	-1777.855	.000000	.000000							0.				

REL DIST

P

V2

V3

0.00000

47.756833

0.00000

0.00000

M2

M3

0.00000

0.00000

0.00000

0.00000

0.25000

47.756833

0.00000

0.00000

M2

M3

0.00000

0.00000

0.00000

0.00000

0.50000

47.756833

0.00000

0.00000

M2

M3

0.00000

0.00000

0.75000

47.756833

0.00000

0.00000

M2

M3

0.00000

0.00000

1.00000

47.756833

0.00000

0.00000

M2

M3

0.00000

0.00000

COMB DL-G1-1----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-584.531372

0.00000

0.00000

0.00000

0.25000

-584.531372

0.00000

0.00000

0.00000

0.50000

-584.531372

0.00000

0.00000

0.00000

0.75000

-584.531372

0.00000

0.00000

0.00000

1.00000

-584.531372

0.00000

0.00000

0.00000

COMB DL-G1-2----- MAX

REL DIST

T

P

M2

M3

V2

V3

0.00000

79.591665

0.00000

0.00000

0.00000

0.25000

79.591665

0.00000

0.00000

0.00000

0.50000

79.591665

0.00000

0.00000

0.00000

0.75000

79.591665

0.00000

0.00000

0.00000

1.00000

79.591665

0.00000

0.00000

0.00000

COMB DL-G1-2----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-861.658553

0.00000

0.00000

0.00000

0.25000

-861.658553

0.00000

0.00000

0.00000

0.50000

-861.658553

0.00000

0.00000

0.00000

0.75000

-861.658553

0.00000

0.00000

0.00000

1.00000

-861.658553

0.00000

0.00000

0.00000

COMB DL-G1-3----- MAX

REL DIST

T

P

M2

M3

V2

V3

0.00000

94.323553

0.00000

0.00000

0.00000

0.25000

94.323553

0.00000

0.00000

0.00000

0.50000

94.323553

0.00000

0.00000

0.00000

0.75000

94.323553

0.00000

0.00000

0.00000

1.00000

94.323553

0.00000

0.00000

0.00000

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-817.291432

0.00000

0.00000

0.00000

0.25000

-817.291432

0.00000

0.00000

0.00000

0.50000

-817.291432

0.00000

0.00000

0.00000

0.75000

-817.291432

0.00000

0.00000

0.00000

1.00000

-817.291432

0.00000

0.00000

0.00000

COMB DL-G2-1----- MAX

REL DIST

T

P

M2

M3

V2

V3

0.00000

52.062734

0.00000

0.00000

0.00000

0.25000

52.062734

0.00000

0.00000

0.00000

0.50000

52.062734

0.00000

0.00000

0.00000

0.75000

52.062734

0.00000

0.00000

0.00000

1.00000

52.062734

0.00000

0.00000

0.00000

COMB DL-G2-1----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-15.818774

0.00000

0.00000

0.00000

0.25000

-15.818774

0.00000

0.00000

0.00000

0.50000

-15.818774

0.00000

0.00000

0.00000

0.75000

-15.818774

0.00000

0.00000

0.00000

1.00000

-15.818774

0.00000

0.00000

0.00000

COMB DL-G2-2----- MAX

REL DIST

T

P

M2

M3

V2

V3

0.00000

56.331538

0.00000

0.00000

0.00000

0.25000

56.331538

0.00000

0.00000

0.00000

0.50000

56.331538

0.00000

0.00000

0.00000

0.75000

56.331538

0.00000

0.00000

0.00000

1.00000

56.331538

0.00000

0.00000

0.00000

COMB DL-G2-2----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-186.902158

0.00000

0.00000

0.00000

0.25000

-186.902158

0.00000

0.00000

0.00000

0.50000

-186.902158

0.00000

0.00000

0.00000

0.75000

-186.902158

0.00000

0.00000

0.00000

1.00000

-186.902158

0.00000

0.00000

0.00000

COMB DL-G2-3----- MAX

REL DIST

T

P

M2

M3

V2

V3

0.00000

88.053784

0.00000

0.00000

0.00000

0.25000

88.053784

0.00000

0.00000

0.00000

0.50000

88.053784

0.00000

0.00000

0.00000

0.75000

88.053784

0.00000

0.00000

0.00000

1.00000

88.053784

0.00000

0.00000

0.00000

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-590.465550

0.00000

0.00000

0.00000

0.25000

-590.465550

0.00000

0.00000

0.00000

0.50000

-590.465550

0.00000

0.00000

0.00000

0.75000

-590.465550

0.00000

0.00000

0.00000

1.00000

-590.465550

0.00000

0.00000

0.00000

COMB DB

DB

P

M2

M3

V2

V3

0.00000

67.542386

0.00000

0.00000

0.00000

0.25000

67.542386

0.00000

0.00000

0.00000

0.50000

67.542386

0.00000

0.00000

0.00000

0.75000

67.542386

0.00000

0.00000

0.00000

1.00000

67.542386

0.00000

0.00000

0.00000

COMB DB

DB

P

M2

M3

V2

V3

0.00000

-760.830748

0.00000

0.00000

0.00000

0.25000

-760.830748

0.00000

0.00000

0.00000

0.50000

-760.830748

0.00000

0.00000

0.00000

0.75000

-760.830748

0.00000

0.00000

0.00000

1.00000

-760.830748

0.00000

0.00000

0.00000

COMB DL

DL

P

M2

M3

V2

V3

0.00000

94.323553

0.00000

0.00000

0.00000

0.25000

94.323553

0.00000

0.00000

0.00000

0.50000

94.323553

0.00000

0.00000

0.00000

0.75000

94.323553

0.00000

0.00000

0.00000

1.00000

94.323553

0.00000

0.00000

0.00000

COMB DL

DL

P

M2

M3

V2

V3

0.00000

-861.658553

0.00000

0.00000

0.00000

0.25000

-861.658553

0.00000

0.00000

0.00000

0.50000

-861.658553

0.00000

0.00000

0.00000

0.75000

-861.658553

0.00000

0.00000

0.00000

1.00000

-861.658553

0.00000

0.00000

0.00000

COMB CAR

CAR

P

M2

M3

V2

V3

0.00000

94.323553

0.00000

0.00000

0.00000

0.25000

94.323553

0.00000

0.00000

0.00000

0.50000

94.323553

0.00000

0.00000

0.00000

0.75000

94.323553

0.00000

0.00000

0.00000

1.00000

94.323553

0.00000

0.00000

0.00000

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FRAME ELEMENT INTERNAL FORCES

COMB CAR

CAR

P

M2

M3

V2

V3

0.00000

-861.658553

0.00000

0.00000

0.00000

0.25000

-861.658553

0.00000

0.00000

0.00000

0.50000

-861.658553

0.00000

0.00000

0.00000

0.75000

-861.658553

0.00000

0.00000

0.00000

1.00000

-861.658553

0.00000

0.00000

0.00000

COMB DESIGN

DESIGN

P

M2

M3

V2

V3

0.00000

94.323553

0.00000

0.00000

0.00000

0.25000

94.323553

0.00000

0.00000

0.00000

0.50000

94.323553

0.00000

0.00000

0.00000

0.75000

94.323553

0.00000

0.00000

0.00000

1.00000

94.323553

0.00000

0.00000

0.00000

COMB DESIGN

DESIGN

P

M2

M3

V2

V3

0.00000

-861.658553

0.00000

0.00000

0.00000

0.25000

-861.658553

0.00000

0.00000

0.00000

0.50000

-861.658553

0.00000

0.00000

0.00000

0.75000

-861.658553

0.00000

0.00000

0.00000

1.00000

-861.658553

0.00000

0.00000

0.00000

COMB DESIGN

DESIGN

P

M2

M3

V2

V3

0.00000

94.323553

0.00000

0.00000

0.00000

0.25000

94.323553

0.00000

0.00000

0.00000

0.50000

94.323553

0.00000

0.00000

0.00000

0.75000

94.323553

0.00000

0.00000

0.00000

1.00000

94.323553

0.00000

0.00000

0.00000

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FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-1----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-14.607662

-0.035446

-0.454546

0.00000

-14.607662

-0.035446

-0.454546

0.25000

-14.607662

-0.035446

-0.454546

0.50000

-14.607662

-0.035446

-0.454546

0.75000

-14.607662

-0.035446

-0.454546

1.00000

-14.607662

-0.035446

-0.454546

COMB DB-G2-1----- MAX

REL DIST

T

P

M2

M3

V2

V3

0.00000

14.607662

0.035446

0.454546

0.00000

14.607662

0.035446

0.454546

0.25000

14.607662

0.035446

0.454546

0.50000

14.607662

0.035446

0.454546

0.75000

14.607662

0.035446

0.454546

1.00000

14.607662

0.035446

0.454546

COMB DB-G2-2----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-14.607662

-0.035446

-0.454546

0.00000

-14.607662

-0.035446

-0.454546

0.25000

-14.607662

-0.035446

-0.454546

0.50000

-14.607662

-0.035446

-0.454546

0.75000

-14.607662

-0.035446

-0.454546

1.00000

-14.607662

-0.035446

-0.454546

COMB DB-G2-2----- MAX

REL DIST

T

P

M2

M3

V2

V3

0.00000

14.607662

0.035446

0.454546

0.00000

14.607662

0.035446

0.454546

0.25000

14.607662

0.035446

0.454546

0.50000

14.607662

0.035446

0.454546

0.75000

14.607662

0.035446

0.454546

1.00000

14.607662

0.035446

0.454546

COMB DB-G2-3----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-14.607662

-0.035446

-0.454546

0.00000

-14.607662

-0.035446

-0.454546

0.25000

-14.607662

-0.035446

-0.454546

0.50000

-14.607662

-0.035446

-0.454546

0.75000

-14.607662

-0.035446

-0.454546

1.00000

-14.607662

-0.035446

-0.454546

COMB DB-G2-3----- MAX

REL DIST

T

P

M2

M3

V2

V3

0.00000

14.607662

0.035446

0.454546

0.00000

14.607662

0.035446

0.454546

0.25000

14.607662

0.035446

0.454546

0.50000

14.607662

0.035446

0.454546

0.75000

14.607662

0.035446

0.454546

1.00000

14.607662

0.035446

0.454546

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FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-3----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-14.607662

-0.035446

-0.454546

0.00000

-14.607662

-0.035446

-0.454546

0.25000

-14.607662

-0.035446

-0.454546

0.50000

-14.607662

-0.035446

-0.454546

0.75000

-14.607662

-0.035446

-0.454546

1.00000

-14.607662

-0.035446

-0.454546

COMB DB-G2-3----- MAX

REL DIST

T

P

M2

M3

V2

V3

0.00000

14.607662

0.035446

0.454546

0.00000

14.607662

0.035446

0.454546

0.25000

14.607662

0.035446

0.454546

0.50000

14.607662

0.035446

0.454546

0.75000

14.607662

0.035446

0.454546

1.00000

14.607662

0.035446

0.454546

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-1----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-18.543651

-0.050426

-0.647210

0.00000

-18.543651

-0.050426

-0.647210

0.25000

-18.543651

-0.050426

-0.647210

0.50000

-18.543651

-0.050426

-0.647210

0.75000

-18.543651

-0.050426

-0.647210

1.00000

-18.543651

-0.050426

-0.647210

COMB DL-G1-1----- MAX

REL DIST

T

P

M2

M3

V2

V3

0.00000

18.543651

0.050426

0.647210

0.00000

18.543651

0.050426

0.647210

0.25000

18.543651

0.050426

0.647210

0.50000

18.543651

0.050426

0.647210

0.75000

18.543651

0.050426

0.647210

1.00000

18.543651

0.050426

0.647210

COMB DL-G1-2----- MIN

REL DIST

T

P

M2

M3

V2

V3

0.00000

-18.543651

-0.050426

-0.647210

0.00000

-18.543651

-0.050426

-0.647210

0.25000

-18.543651

-0.050426

-0.647210

0.50000

-18.543651

-0.050426

-0.647210

0.75000

-18.543651

-0.050426

-0.647210

1.00000

-18.543651

-0.050

REL DIST P M2 V2 V3
0.00000 86.683866 0.160005 2.056868
0.00000 2.262165 0.175571
0.25000 86.683866 0.160005 2.056868
0.00000 1.693915 0.131539
0.50000 86.683866 0.160005 2.056868
0.00000 1.130329 0.087715
0.75000 86.683866 0.160005 2.056868
0.00000 0.043849 0.000000
1.00000 86.683866 0.160005 2.056868
0.00000 0.000000 0.000000

COMB DL-G2-2 MIN

REL DIST P M2 V2 V3
0.00000 -810.388418 -0.161849 -2.075335
0.00000 -2.282798 -0.177707
0.25000 -810.388418 -0.161849 -2.075335
0.00000 -1.712170 -0.133250
0.50000 -810.388418 -0.161849 -2.075335
0.00000 -1.141367 -0.088514
0.75000 -810.388418 -0.161849 -2.075335
0.00000 -0.571036 -0.044241
1.00000 -810.388418 -0.161849 -2.075335
0.00000 0.000000 0.000000

COMB DL-G2-3 MAX

REL DIST P M2 V2 V3
0.00000 102.693915 0.210024 2.696593
0.00000 2.836406 0.199422 2.578986
0.25000 102.693915 0.200690 2.578986
0.00000 2.127021 0.164731 2.578986
0.00000 1.457070 -0.112787 2.578986
0.50000 102.693915 0.200690 2.578986
0.00000 0.706957 0.054454 2.578986
1.00000 102.693915 0.200690 2.578986
0.00000 0.000000 0.000000

COMB DL-G2-3 MIN

REL DIST P M2 V2 V3
0.00000 -780.907760 -0.206558 -2.649492
0.00000 -2.914302 -0.226576
0.25000 -780.907760 -0.206558 -2.649492
0.00000 -2.185692 -0.168931 2.649492
0.50000 -780.907760 -0.206558 -2.649492
0.00000 -1.457074 -0.112787 2.649492
0.75000 -780.907760 -0.206558 -2.649492
0.00000 -0.728261 -0.056087 2.649492
1.00000 -780.907760 -0.206558 -2.649492
0.00000 0.000000 0.000000

COMB DB MAX

REL DIST P M2 V2 V3
0.00000 73.767262 0.164282 2.106787
0.00000 2.317463 0.180708 2.106787
0.25000 73.767262 0.164282 2.106787
0.00000 1.738097 0.135497 2.106787
0.50000 73.767262 0.164282 2.106787
0.00000 1.158732 0.090291 2.106787
0.75000 73.767262 0.164282 2.106787
0.00000 0.579335 0.045179 2.106787
1.00000 73.767262 0.164282 2.106787
0.00000 0.000000 0.000000

COMB DB MIN

REL DIST P M2 V2 V3
0.00000 -790.036951 -0.143352 -1.838278
0.00000 -2.022106 -0.157680
0.25000 -790.036951 -0.143352 -1.838278
0.00000 -1.516579 -0.118250 -1.838278
0.50000 -790.036951 -0.143352 -1.838278
0.00000 -1.011053 -0.078708 -1.838278
0.75000 -790.036951 -0.143352 -1.838278
0.00000 -0.505526 -0.039340 -1.838278
1.00000 -790.036951 -0.143352 -1.838278
0.00000 0.000000 0.000000

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FRAME ELEMENT INTERNAL FORCES

COMB DL MAX

REL DIST P M2 V2 V3
0.00000 102.693915 0.210024 2.696593
0.00000 2.966095 0.230371 2.696593
0.25000 102.693915 0.210024 2.696593
0.00000 2.223988 0.172883 2.696593
0.50000 102.693915 0.210024 2.696593
0.00000 1.482450 0.115470 2.696593
0.75000 102.693915 0.210024 2.696593
0.00000 0.740115 0.057582 2.696593
1.00000 102.693915 0.210024 2.696593
0.00000 0.000000 0.000000

COMB DL MIN

REL DIST P M2 V2 V3
0.00000 -810.388418 -0.211500 -2.712824
0.00000 -2.983953 -0.232878
0.25000 -810.388418 -0.211500 -2.712824
0.00000 -2.238009 -0.174571 -2.712824
0.50000 -810.388418 -0.211500 -2.712824
0.00000 -1.491819 -0.116358 -2.712824
0.75000 -810.388418 -0.211500 -2.712824
0.00000 -0.745740 -0.058141 -2.712824
1.00000 -810.388418 -0.211500 -2.712824
0.00000 0.000000 0.000000

COMB CAR MAX

REL DIST P M2 V2 V3
0.00000 102.693915 0.210024 2.696593
0.00000 2.966095 0.230371 2.696593
0.25000 102.693915 0.210024 2.696593
0.00000 2.223988 0.172883 2.696593
0.50000 102.693915 0.210024 2.696593
0.00000 1.482450 0.115470 2.696593
0.75000 102.693915 0.210024 2.696593
0.00000 0.740115 0.057582 2.696593
1.00000 102.693915 0.210024 2.696593
0.00000 0.000000 0.000000

COMB CAR MIN

REL DIST P M2 V2 V3
0.00000 -810.388418 -0.211500 -2.712824
0.00000 -2.983953 -0.232878
0.25000 -810.388418 -0.211500 -2.712824
0.00000 -2.238009 -0.174571 -2.712824
0.50000 -810.388418 -0.211500 -2.712824
0.00000 -1.491819 -0.116358 -2.712824
0.75000 -810.388418 -0.211500 -2.712824
0.00000 -0.745740 -0.058141 -2.712824
1.00000 -810.388418 -0.211500 -2.712824
0.00000 0.000000 0.000000

COMB DESIGN MAX

REL DIST P M2 V2 V3
0.00000 102.693915 0.210024 2.696593
0.00000 2.966095 0.230371 2.696593
0.25000 102.693915 0.210024 2.696593
0.00000 2.223988 0.172883 2.696593
0.50000 102.693915 0.210024 2.696593
0.00000 1.482450 0.115470 2.696593

0.75000 102.693915 0.210024 2.696593
0.00000 0.740115 0.057582 2.696593
1.00000 102.693915 0.210024 2.696593
0.00000 0.000000 0.000000

COMB DESIGN MIN

REL DIST P M2 V2 V3
0.00000 -810.388418 -0.211500 -2.712824
0.00000 -2.983953 -0.232878
0.25000 -810.388418 -0.211500 -2.712824
0.00000 -2.238009 -0.174571 -2.712824
0.50000 -810.388418 -0.211500 -2.712824
0.00000 -1.491819 -0.116358 -2.712824
0.75000 -810.388418 -0.211500 -2.712824
0.00000 -0.745740 -0.058141 -2.712824
1.00000 -810.388418 -0.211500 -2.712824
0.00000 0.000000 0.000000

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FRAME ELEMENT INTERNAL FORCES

ELEM 275 LENGTH = 1.200000

COMB DB-G1-1 MAX

REL DIST P M2 V2 V3
0.00000 34.338288 0.046044 0.827703
0.00000 0.932444 0.052545 0.827703
0.25000 34.338288 0.046044 0.827703
0.00000 0.744933 0.041422 0.827703
0.50000 34.338288 0.046044 0.827703
0.00000 0.496222 0.027554 0.827703
0.75000 34.338288 0.046044 0.827703
0.00000 0.248311 0.013745 0.827703
1.00000 34.338288 0.046044 0.827703
0.00000 0.000000 0.000000

COMB DB-G1-1 MIN

REL DIST P M2 V2 V3
0.00000 -28.716010 -0.051460 -0.925059
0.00000 -1.110071 -0.061752 -0.925059
0.25000 -28.716010 -0.051460 -0.925059
0.00000 -0.832553 -0.046296 -0.925059
0.50000 -28.716010 -0.051460 -0.925059
0.00000 0.555035 -0.030832 -0.925059
0.75000 -28.716010 -0.051460 -0.925059
0.00000 -0.277158 -0.015388 -0.925059
1.00000 -28.716010 -0.051460 -0.925059
0.00000 0.000000 0.000000

COMB DB-G1-2 MAX

REL DIST P M2 V2 V3
0.00000 69.064963 0.205910 3.701515
0.00000 4.441817 0.247091 3.701515
0.25000 69.064963 0.205910 3.701515
0.00000 3.331363 0.229628 3.701515
0.50000 69.064963 0.205910 3.701515
0.00000 2.220909 0.123527 3.701515
0.75000 69.064963 0.205910 3.701515
0.00000 1.110455 0.071724 3.701515
1.00000 69.064963 0.205910 3.701515
0.00000 0.000000 0.000000

COMB DB-G1-2 MIN

REL DIST P M2 V2 V3
0.00000 -227.394562 -0.246682 -4.434453
0.00000 -5.321343 -0.296019 -4.434453
0.25000 -227.394562 -0.246682 -4.434453
0.00000 -3.991007 -0.229628 -4.434453
0.50000 -227.394562 -0.246682 -4.434453
0.00000 -2.660672 -0.147990 -4.434453
0.75000 -227.394562 -0.246682 -4.434453
0.00000 -1.330356 -0.071724 -4.434453
1.00000 -227.394562 -0.246682 -4.434453
0.00000 0.000000 0.000000

COMB DB-G1-3 MAX

REL DIST P M2 V2 V3
0.00000 103.805451 0.238923 4.295011
0.00000 5.154019 0.286708 4.295011
0.25000 103.805451 0.238923 4.295011
0.00000 3.865514 0.215031 4.295011
0.50000 103.805451 0.238923 4.295011
0.00000 2.577010 0.143340 4.295011
0.75000 103.805451 0.238923 4.295011
0.00000 1.288491 0.071633 4.295011
1.00000 103.805451 0.238923 4.295011
0.00000 0.000000 0.000000

COMB DB-G1-3 MIN

REL DIST P M2 V2 V3
0.00000 -629.941934 -0.287320 -5.164985
0.00000 -6.197892 -0.346783 -5.164985
0.25000 -629.941934 -0.287320 -5.164985
0.00000 -4.648486 -0.258564 -5.164985
0.50000 -629.941934 -0.287320 -5.164985
0.00000 -3.098987 -0.172866 -5.164985
0.75000 -629.941934 -0.287320 -5.164985
0.00000 -1.728666 -0.091121 -5.164985
1.00000 -629.941934 -0.287320 -5.164985
0.00000 0.000000 0.000000

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3

0.75000 -629.941934 -0.287320 -5.164985
0.00000 -1.549494 -0.086106 -5.164985
1.00000 -629.941934 -0.287320 -5.164985
0.00000 0.000000 0.000000

COMB DB-G2-1 MAX

REL DIST P M2 V2 V3
0.00000 -566.013811 -0.071074 -1.277661
0.00000 0.533194 -0.085289 -1.277661
0.25000 -566.013811 -0.071074 -1.277661
0.00000 -1.149895 -0.063959 -1.277661
0.50000 -566.013811 -0.071074 -1.277661
0.00000 0.768597 -0.042569 -1.277661
0.75000 -566.013811 -0.071074 -1.277661
0.00000 -0.383298 -0.021283 -1.277661
1.00000 -566.013811 -0.071074 -1.277661
0.00000 0.000000 0.000000

COMB DB-G2-2 MAX

REL DIST P M2 V2 V3

0.00000 89.633659 0.196929 3.540064
0.00000 4.248077 0.236314 3.540064
0.25000 89.633659 0.196929 3.540064
0.00000 3.186058 0.177226 3.540064
0.50000 89.633659 0.196929 3.540064
0.00000 2.124039 0.118142 3.540064
0.75000 89.633659 0.196929 3.540064
0.00000 1.062019 0.059038 3.540064
1.00000 89.633659 0.196929 3.540064
0.00000 0.000000 0.000000

COMB DB-G2-2 MIN

REL DIST P M2 V2 V3
0.00000 -860.593431 -0.212907 -3.827288
0.00000 -2.55419 -0.255419 -3.827288
0.25000 -860.593431 -0.212907 -3.827288
0.00000 -3.444559 -0.191535 -3.827288
0.50000 -860.593431 -0.212907 -3.827288
0.00000 -2.296373 -0.127666 -3.827288
0.75000 -860.593431 -0.212907 -3.827288
0.00000 -1.04186 -0.063624 -3.827288
1.00000 -860.593431 -0.212907 -3.827288
0.00000 0.000000 0.000000

COMB DB-G2-3 MAX

REL DIST P M2 V2 V3
0.00000 110.309765 0.234262 4.211176
0.00000 5.053411 0.281114 4.211176
0.25000 110.309765 0.234262 4.211176
0.00000 3.790958 0.210811 4.211176
0.50000 110.309765 0.234262 4.211176
0.00000 2.526706 0.140490 4.211176
0.75000 110.309765 0.234262 4.211176
0.00000 1.253953 0.070711 4.211176
1.00000 110.309765 0.234262 4.211176
0.00000 0.000000 0.000000

COMB DB-G2-3 MIN

REL DIST P M2 V2 V3
0.00000 -835.579313 -0.263924 -4.744406
0.00000 -5.693287 -0.316653 -4.744406
0.25000 -835.579313 -0.263924 -4.744406
0.00000 -4.441817 -0.247091 -4.744406
0.50000 -835.579313 -0.263924 -4.744406
0.00000 -3.331363 -0.229628 -4.744406
0.75000 -835.579313 -0.263924 -4.744406
0.00000 -2.220909 -0.123527 -4.744406
1.00000 -835.579313 -0.263924 -4.744406
0.00000 0.000000 0.000000

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.25000 -835.579313 -0.263924 -4.744406
0.00000 4.269955 -0.237460 -4.744406
0.50000 -835.579313 -0.263924 -4.744406
0.00000 -2.846643 -0.158218 -4.744406
0.75000 -835.579313 -0.263924 -4.744406
0.00000 4.423322 -0.078914 -4.744406
1.00000 -835.579313 -0.263924 -4.744406
0.00000 0.000000 0.000000

COMB DL-G1-1 MAX

REL DIST P M2 V2 V3
0.00000 50.690262 0.071411 1.284223
0.00000 1.541069 0.085495 1.284223
0.25000 50.690262 0.071411 1.284223
0.00000 1.155782 0.064016 1.284223
0.50000 50.690262 0.071411 1.284223
0.00000 0.7566 -0.042602 1.284223
0.75000 50.690262 0.071411 1.284223
0.00000 0.385152 0.021207 1.284223
1.00000 50.690262 0.071411 1.284223
0.00000 0.000000 0.000000

COMB DL-G1-1 MIN

REL DIST P M2 V2 V3
0.00000 -68.206950 -0.062985 -1.132990
0.00000 -6.330721 -0.076511 -1.132990
0.25000 -68.206950 -0.062985 -1.132990
0.00000 -1.019647 -0.056333 -1.132990
0.50000 -68.206950 -0.062985 -1.132990
0.00000 -0.630311 -0.037111 -1.132990
0.75000 -68.206950 -0.062985 -1.132990
0.00000 -0.339784 -0.018222 -1.132990
1.00000 -68.206950 -0.062985 -1.132990
0.00000 0.000000 0.000000

COMB DL-G1-2 MAX

REL DIST P M2 V2 V3
0.00000 99.059647 0.324400 5.831889
0.00000 6.998245 0.389110 5.831889
0.25000 99.059647 0.324400 5.831889
0.00000 5.248674 0.291767 5.831889
0.50000 99.059647 0.324400 5.831889
0.00000 4.499111 0.194586 5.831889
0.75000 99.059647 0.324400 5.831889
0.00000 1.74949

0.75000	156.697529	0.390922	7.027681
0.00000	2.108268	0.00000	
1.00000	156.697529	0.390922	7.027681
0.00000	0.00000	0.00000	
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FRAME ELEMENT INTERNAL FORCES			
COMB CAR	MIN		
REL DIST	P	M2	V3
0.00000	-1775.471	-0.395364	-7.109758
0.00000	-8.531597	-0.472898	
0.25000	-1775.471	-0.395364	-7.109758
0.00000	-6.398375	-0.354092	
0.50000	-1775.471	-0.395364	-7.109758
0.00000	-4.265683	-0.235751	
0.75000	-1775.471	-0.395364	-7.109758
0.00000	-1.132111	-0.117547	
1.00000	-1775.471	-0.395364	-7.109758
0.00000	0.00000	0.00000	
COMB DESIGN	MAX		
REL DIST	P	M2	V3
0.00000	156.697529	0.390922	7.027681
0.00000	8.432311	0.468740	
0.25000	156.697529	0.390922	7.027681
0.00000	6.324899	0.351439	
0.50000	156.697529	0.390922	7.027681
0.00000	4.216621	0.234804	
0.75000	156.697529	0.390922	7.027681
0.00000	2.108268	0.116639	
1.00000	156.697529	0.390922	7.027681
0.00000	0.00000	0.00000	
COMB DESIGN	MIN		
REL DIST	P	M2	V3
0.00000	-1775.471	-0.395364	-7.109758
0.00000	-8.531597	-0.472898	
0.25000	-1775.471	-0.395364	-7.109758
0.00000	-6.398375	-0.354092	
0.50000	-1775.471	-0.395364	-7.109758
0.00000	-4.265683	-0.235751	
0.75000	-1775.471	-0.395364	-7.109758
0.00000	-1.132111	-0.117547	
1.00000	-1775.471	-0.395364	-7.109758
0.00000	0.00000	0.00000	
ELEM	276	LENGTH	
1.200000			
COMB DB-G1-1	MAX		
REL DIST	P	M2	V3
0.00000	35.435098	13.011190	0.611254
0.00000	0.733504	15.613428	
0.25000	35.435098	13.011190	0.611254
0.00000	0.55728	11.710077	
0.50000	35.435098	13.011190	0.611254
0.00000	0.366752	7.806714	
0.75000	35.435098	13.011190	0.611254
0.00000	0.181676	9.903857	
1.00000	35.435098	13.011190	0.611254
0.00000	0.00000	0.00000	
COMB DB-G1-1	MIN		
REL DIST	P	M2	V3
0.00000	-30.047295	-13.042622	-1.029263
0.00000	-1.235116	-15.651147	
0.25000	-30.047295	-13.042622	-1.029263
0.00000	-0.92937	-11.713860	
0.50000	-30.047295	-13.042622	-1.029263
0.00000	-0.617558	-7.825573	
0.75000	-30.047295	-13.042622	-1.029263
0.00000	-0.300079	-9.912787	
1.00000	-30.047295	-13.042622	-1.029263
0.00000	0.00000	0.00000	
COMB DB-G1-2	MAX		
REL DIST	P	M2	V3
0.00000	71.142024	15.738287	3.552595
0.00000	4.263114	18.885945	
0.25000	71.142024	15.738287	3.552595
0.00000	3.197335	14.644559	
0.50000	71.142024	15.738287	3.552595
0.00000	2.131557	9.442981	
Program	SAP2000 Nonlinear Version 7.42		
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FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	M2	V3
0.75000	71.142024	15.738287	3.552595
0.00000	1.065778	17.421491	
1.00000	71.142024	15.738287	3.552595
0.00000	0.00000	0.00000	
COMB DB-G1-2	MIN		
REL DIST	P	M2	V3
0.00000	-228.770765	-15.919027	-5.096838
0.00000	-6.118205	-19.12833	
0.25000	-228.770765	-15.919027	-5.096838
0.00000	-4.587154	-14.327124	
0.50000	-228.770765	-15.919027	-5.096838
0.00000	-3.058193	-9.551416	
0.75000	-228.770765	-15.919027	-5.096838
0.00000	-1.529051	-4.775708	
1.00000	-228.770765	-15.919027	-5.096838
0.00000	0.00000	0.00000	
COMB DB-G1-3	MIN		
REL DIST	P	M2	V3
0.00000	-630.938660	-23.517936	-5.976419
0.00000	-7.171703	-28.291523	
0.25000	-630.938660	-23.517936	-5.976419
0.00000	-5.378777	-21.166142	
0.50000	-630.938660	-23.517936	-5.976419
0.00000	-3.585857	-14.110762	
0.75000	-630.938660	-23.517936	-5.976419
0.00000	-1.792928	-7.055381	
1.00000	-630.938660	-23.517936	-5.976419
0.00000	0.00000	0.00000	
COMB DB-G2-1	MAX		
REL DIST	P	M2	V3
0.00000	52.161463	13.135577	1.896229
0.00000	2.275475	15.726593	
0.25000	52.161463	13.135577	1.896229
0.00000	1.706606	11.822020	
0.50000	52.161463	13.135577	1.896229
0.00000	1.137737	7.881346	
0.75000	52.161463	13.135577	1.896229
0.00000	0.568869	3.940673	
1.00000	52.161463	13.135577	1.896229
0.00000	0.00000	0.00000	
COMB DB-G2-1	MIN		
REL DIST	P	M2	V3
0.00000	-566.059259	-13.147313	-1.575181
0.00000	-1.890217	-15.776775	
0.25000	-566.059259	-13.147313	-1.575181
0.00000	-1.417663	-11.892581	
0.50000	-566.059259	-13.147313	-1.575181
0.00000	-0.945109	-7.888388	
0.75000	-566.059259	-13.147313	-1.575181
0.00000	-0.472554	-3.944194	
1.00000	-566.059259	-13.147313	-1.575181
0.00000	0.00000	0.00000	
COMB DB-G2-2	MAX		
REL DIST	P	M2	V3
0.00000	91.930110	16.285981	3.901705
0.00000	4.682046	19.543177	
Program	SAP2000 Nonlinear Version 7.42		
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1642			
FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	M2	V3
0.25000	91.930110	16.285981	3.901705
0.00000	14.311535	14.713593	
0.50000	91.930110	16.285981	3.901705
0.00000	2.341023	9.771597	
0.75000	91.930110	16.285981	3.901705
0.00000	0.00512	4.298398	
1.00000	91.930110	16.285981	3.901705
0.00000	0.00000	0.00000	
COMB DB-G2-2	MIN		
REL DIST	P	M2	V3
0.00000	-860.463849	-16.448821	-4.697852
0.00000	-5.637422	-19.737865	
0.25000	-860.463849	-16.448821	-4.697852
0.00000	-4.228087	-14.803399	
0.50000	-860.463849	-16.448821	-4.697852
0.00000	-2.818711	-9.868833	
0.75000	-860.463849	-16.448821	-4.697852
0.00000	-1.409356	-4.934466	
1.00000	-860.463849	-16.448821	-4.697852
0.00000	0.00000	0.00000	
COMB DB-G2-3	MAX		
REL DIST	P	M2	V3
0.00000	113.298631	23.254273	4.504682
0.00000	5.40518	27.905147	
0.25000	113.298631	23.254273	4.504682
0.00000	4.054213	20.928845	
0.50000	113.298631	23.254273	4.504682
0.00000	2.70209	13.957113	
0.75000	113.298631	23.254273	4.504682
0.00000	1.351404	6.976286	
1.00000	113.298631	23.254273	4.504682
0.00000	0.00000	0.00000	
COMB DB-G2-3	MIN		
REL DIST	P	M2	V3
0.00000	-835.100854	-23.468483	-5.748924
0.00000	-5.998709	-26.852140	
0.25000	-835.100854	-23.468483	-5.748924
0.00000	-5.174031	-21.121635	
0.50000	-835.100854	-23.468483	-5.748924
0.00000	-3.443357	-14.928692	
0.75000	-835.100854	-23.468483	-5.748924
0.00000	-1.724678	-7.040545	
1.00000	-835.100854	-23.468483	-5.748924
0.00000	0.00000	0.00000	
COMB DL-G1-1	MAX		
REL DIST	P	M2	V3
0.00000	75.040023	17.271651	1.183433
0.00000	1.420137	20.725981	
0.25000	75.040023	17.271651	1.183433
0.00000	1.065799	15.544486	
0.50000	75.040023	17.271651	1.183433
0.00000	0.710024	10.362990	
0.75000	75.040023	17.271651	1.183433
0.00000	0.354986	5.181494	
1.00000	75.040023	17.271651	1.183433
0.00000	0.00000	0.00000	
COMB DL-G1-1	MIN		
REL DIST	P	M2	V3
0.00000	-78.694549	-17.529570	-1.371985
0.00000	-1.646379	-21.035484	
0.25000	-78.694549	-17.529570	-1.371985
0.00000	-1.234776	-15.91713	
0.50000	-78.694549	-17.529570	-1.371985
0.00000	-0.823187	-10.517742	
0.75000	-78.694549	-17.529570	-1.371985
0.00000	-0.411567	-5.298670	
1.00000	-78.694549	-17.529570	-1.371985
0.00000	0.00000	0.00000	
Program	SAP2000 Nonlinear Version 7.42		
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FRAME ELEMENT INTERNAL FORCES			
COMB DL-G1-2	MAX		
REL DIST	P	M2	V3
0.00000	149.846863	20.892255	7.127933
0.00000	8.535322	25.077076	
0.25000	149.846863	20.892255	7.127933
0.00000	6.415132	18.803029	
0.50000	149.846863	20.892255	7.127933
0.00000	4.276728	12.535356	
0.75000	149.846863	20.892255	7.127933
0.00000	2.138343	6.267661	
1.00000	149.846863	20.892255	7.127933
0.00000	0.00000	0.00000	
COMB DL-G1-2	MIN		
REL DIST	P	M2	V3
0.00000	-523.803094	-21.462654	-7.562322
0.00000	-9.074798	-25.755184	
0.25000	-523.803094	-21.462654	-7.562322
0.00000	-6.906099	-19.311638	
0.50000	-523.803094	-21.462654	-7.562322
0.00000	-4.537388	-12.877601	
0.75000	-523.803094	-21.462654	-7.562322
0.00000	-2.268656	-6.438189	
1.00000	-523.803094	-21.462654	-7.562322
0.00000	0.00000	0.00000	
COMB DL-G1-3	MAX		
REL DIST	P	M2	V3
0.00000	125.949763	0.015605	4.366110
0.00000	5.239332	0.018770	
0.25000	125.949763	0.015605	4.366110

REL DIST	P	M2	V3
0.00000	227.890882	30.200298	8.598844
0.00000	10.318615	36.240358	
0.25000	227.890882	30.200298	8.598844
0.00000	4.938361	27.180268	

.000000 3.929499 0.014042 4.366110
0.50000 125.949763 0.015605
.000000 2.619681 0.009363
0.75000 125.949763 0.015605 4.366110
.000000 1.309383 0.004678
1.00000 125.949763 0.015605 4.366110
.000000 .000000 .000000

COMB DB-G1-3 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -632.813564 -0.020901 -5.850550
0.00000 -632.813564 -0.020993
0.25000 -632.813564 -0.020901 -5.850550
0.00000 -5.265495 -0.018638
0.50000 -632.813564 -0.020901 -5.850550
0.00000 -3.510325 -0.012627
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.75000 -632.813564 -0.020901 -5.850550
0.00000 -1.755163 -0.006313
1.00000 -632.813564 -0.020901 -5.850550
.000000 .000000 .000000

COMB DB-G2-1 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 59.418416 0.006764 1.892391
0.00000 2.270870 0.007885
0.25000 59.418416 0.006764 1.892391
0.00000 1.703152 0.005912
0.50000 59.418416 0.006764 1.892391
0.00000 1.135435 0.003941
0.75000 59.418416 0.006764 1.892391
0.00000 0.567718 0.001971
1.00000 59.418416 0.006764 1.892391
.000000 .000000 .000000

COMB DB-G2-1 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -566.102908 -0.007005 -1.967325
0.00000 -2.360790 -0.008070
0.25000 -566.102908 -0.007005 -1.967325
0.00000 -1.770595 -0.006568
0.50000 -566.102908 -0.007005 -1.967325
0.00000 -1.180395 -0.003954
0.75000 -566.102908 -0.007005 -1.967325
0.00000 -0.590198 -0.001970
1.00000 -566.102908 -0.007005 -1.967325
.000000 .000000 .000000

COMB DB-G2-2 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 105.731811 0.014518 4.062314
0.00000 4.874777 0.017234
0.25000 105.731811 0.014518 4.062314
0.00000 3.658082 0.012983
0.50000 105.731811 0.014518 4.062314
0.00000 2.437388 0.008560
0.75000 105.731811 0.014518 4.062314
0.00000 1.218994 0.004288
1.00000 105.731811 0.014518 4.062314
.000000 .000000 .000000

COMB DB-G2-2 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -860.534861 -0.018793 -5.263872
0.00000 -6.318647 -0.022371
0.25000 -860.534861 -0.018793 -5.263872
0.00000 -4.737485 -0.016632
0.50000 -860.534861 -0.018793 -5.263872
0.00000 -3.115823 -0.011040
0.75000 -860.534861 -0.018793 -5.263872
0.00000 -1.579162 -0.005569
1.00000 -860.534861 -0.018793 -5.263872
.000000 .000000 .000000

COMB DB-G2-3 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 132.365253 0.016940 4.741185
0.00000 5.122370 0.020078
0.25000 132.365253 0.016940 4.741185
0.00000 4.267052 0.015022
0.50000 132.365253 0.016940 4.741185
0.00000 2.540727 0.009337
0.75000 132.365253 0.016940 4.741185
0.00000 1.422351 0.004977
1.00000 132.365253 0.016940 4.741185
.000000 .000000 .000000

COMB DB-G2-3 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -836.173480 -0.022101 -6.193571
0.00000 -4.322285 -0.026334
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FRAME ELEMENT INTERNAL FORCES

REL DIST P V2 V3
T M2 M3
0.25000 -836.173480 -0.022101 -6.193571
0.00000 -5.574214 -0.019796
0.50000 -836.173480 -0.022101 -6.193571
0.00000 -3.716143 -0.012968
0.75000 -836.173480 -0.022101 -6.193571
0.00000 -1.858071 -0.006530
1.00000 -836.173480 -0.022101 -6.193571
.000000 .000000 .000000

COMB DL-G1-1 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 91.781267 0.004739 1.340768
0.00000 1.608912 0.004948
0.25000 91.781267 0.004739 1.340768
0.00000 1.206864 0.003610
0.50000 91.781267 0.004739 1.340768
0.00000 0.804472 0.002318
0.75000 91.781267 0.004739 1.340768
0.00000 0.402232 0.001059
1.00000 91.781267 0.004739 1.340768
.000000 .000000 .000000

COMB DL-G1-1 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -76.876028 -0.005729 -1.640116
0.00000 -1.968158 -0.005937
0.25000 -76.876028 -0.005729 -1.640116
0.00000 -1.476116 -0.004313
0.50000 -76.876028 -0.005729 -1.640116
0.00000 -0.940467 -0.002826
0.75000 -76.876028 -0.005729 -1.640116
0.00000 -0.492043 -0.001219
1.00000 -76.876028 -0.005729 -1.640116
.000000 .000000 .000000

COMB DL-G1-2 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 180.964035 0.025545 7.148765
0.00000 8.578506 0.030247
0.25000 180.964035 0.025545 7.148765
0.00000 6.433968 0.023048
0.50000 180.964035 0.025545 7.148765
0.00000 4.289254 0.015588
0.75000 180.964035 0.025545 7.148765
0.00000 2.144610 0.007320
1.00000 180.964035 0.025545 7.148765
.000000 .000000 .000000

COMB DL-G1-2 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -519.973064 -0.028324 -7.943919
0.00000 -9.532718 -0.033307
0.25000 -519.973064 -0.028324 -7.943919
0.00000 -7.149538 -0.025180
0.50000 -519.973064 -0.028324 -7.943919
0.00000 -4.766348 -0.016535
0.75000 -519.973064 -0.028324 -7.943919
0.00000 -2.383213 -0.008184
1.00000 -519.973064 -0.028324 -7.943919
.000000 .000000 .000000

COMB DL-G1-3 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 270.693025 0.030609 8.419650
0.00000 10.103575 0.036029
0.25000 270.693025 0.030609 8.419650
0.00000 7.577712 0.027259
0.50000 270.693025 0.030609 8.419650
0.00000 5.051801 0.018125
0.75000 270.693025 0.030609 8.419650
0.00000 2.525903 0.008454
1.00000 270.693025 0.030609 8.419650
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1351.827 -0.034651 -9.713837
0.00000 -11.656613 -0.040988
0.25000 -1351.827 -0.034651 -9.713837
0.00000 -8.742451 -0.030853
0.50000 -1351.827 -0.034651 -9.713837
0.00000 -5.828296 -0.020403
0.75000 -1351.827 -0.034651 -9.713837
0.00000 -3.914142 -0.009894
1.00000 -1351.827 -0.034651 -9.713837
.000000 .000000 .000000

COMB DL-G2-1 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 130.609227 0.012965 3.639059
0.00000 4.368662 0.017464
0.25000 130.609227 0.012965 3.639059
0.00000 3.275158 0.010516
0.50000 130.609227 0.012965 3.639059
0.00000 2.183432 0.006892
0.75000 130.609227 0.012965 3.639059
0.00000 1.091685 0.003282
1.00000 130.609227 0.012965 3.639059
.000000 .000000 .000000

COMB DL-G2-1 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1178.995 -0.015632 -4.395678
0.00000 -5.274613 -0.017688
0.25000 -1178.995 -0.015632 -4.395678
0.00000 -3.956118 -0.012737
0.50000 -1178.995 -0.015632 -4.395678
0.00000 -2.639422 -0.008242
0.75000 -1178.995 -0.015632 -4.395678
0.00000 -1.318700 -0.003964
1.00000 -1178.995 -0.015632 -4.395678
.000000 .000000 .000000

COMB DL-G2-2 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 232.542864 0.025928 7.265672
0.00000 9.718804 0.030923
0.25000 232.542864 0.025928 7.265672
0.00000 6.539107 0.023579
0.50000 232.542864 0.025928 7.265672
0.00000 4.359398 0.015571
0.75000 232.542864 0.025928 7.265672
0.00000 2.179708 0.007323
1.00000 232.542864 0.025928 7.265672
.000000 .000000 .000000

COMB DL-G2-2 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1808.147 -0.030733 -8.586547
0.00000 -10.303857 -0.035719
0.25000 -1808.147 -0.030733 -8.586547
0.00000 -7.27872 -0.026100
0.50000 -1808.147 -0.030733 -8.586547
0.00000 -5.151994 -0.017443
0.75000 -1808.147 -0.030733 -8.586547
0.00000 -2.575939 -0.008283
1.00000 -1808.147 -0.030733 -8.586547
.000000 .000000 .000000

COMB DL-G2-3 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 285.793824 0.032081 9.000212
0.00000 10.800255 0.037327
0.25000 285.793824 0.032081 9.000212
0.00000 8.100195 0.028260
0.50000 285.793824 0.032081 9.000212
0.00000 5.400103 0.018546
0.75000 285.793824 0.032081 9.000212
0.00000 2.700667 0.008798
1.00000 285.793824 0.032081 9.000212
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1783.907 -0.037328 -10.461772
0.00000 -12.554121 -0.043086
0.25000 -1783.907 -0.037328 -10.461772
0.00000 -9.415564 -0.031900
0.50000 -1783.907 -0.037328 -10.461772
0.00000 -6.277075 -0.020791
0.75000 -1783.907 -0.037328 -10.461772
0.00000 -3.139536 -0.010343
1.00000 -1783.907 -0.037328 -10.461772
.000000 .000000 .000000

COMB DB ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 132.365253 0.016940 4.741185
0.00000 5.689422 0.020078
0.25000 132.365253 0.016940 4.741185
0.00000 4.267052 0.015022
0.50000 132.365253 0.016940 4.741185
0.00000 2.844701 0.009937
0.75000 132.365253 0.016940 4.741185
0.00000 1.004977 0.004977
1.00000 132.365253 0.016940 4.741185
.000000 .000000 .000000

COMB DB ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -860.534861 -0.022101 -6.193571
0.00000 -7.432285 -0.026334
0.25000 -860.534861 -0.022101 -6.193571
0.00000 -5.574214 -0.019796
0.50000 -860.534861 -0.022101 -6.193571
0.00000 -3.716143 -0.012968
0.75000 -860.534861 -0.022101 -6.193571
0.00000 -1.858071 -0.006530
1.00000 -860.534861 -0.022101 -6.193571
.000000 .000000 .000000

COMB DL ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 285.793824 0.032081 9.000212
0.00000 10.800255 0.037327
0.25000 285.793824 0.032081 9.000212
0.00000 8.100195 0.028260
0.50000 285.793824 0.032081 9.000212
0.00000 5.400103 0.018546
0.75000 285.793824 0.032081 9.000212
0.00000 2.700667 0.008798
1.00000 285.793824 0.032081 9.000212
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

COMB DL ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1808.147 -0.037328 -10.461772
0.00000 -12.554121 -0.043086
0.25000 -1808.147 -0.037328 -10.461772
0.00000 -9.415564 -0.031900
0.50000 -1808.147 -0.037328 -10.461772
0.00000 -6.277075 -0.020791
0.75000 -1808.147 -0.037328 -10.461772
0.00000 -3.138536 -0.010103
1.00000 -1808.147 -0.037328 -10.461772
.000000 .000000 .000000

COMB CAR ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 285.793824 0.032081 9.000212
0.00000 10.800255 0.037327
0.25000 285.793824 0.032081 9.000212
0.00000 8.100195 0.028260
0.50000 285.793824 0.032081 9.000212
0.00000 5.400103 0.018546
0.75000 285.793824 0.032081 9.000212
0.00000 2.700667 0.008798
1.00000 285.793824 0.032081 9.000212
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1808.147 -0.037328 -10.461772
0.00000 -12.554121 -0.043086
0.25000 -1808.147 -0.037328 -10.461772
0.00000 -9.415564 -0.031900
0.50000 -1808.147 -0.037328 -10.461772
0.00000 -6.277075 -0.020791
0.75000 -1808.147 -0.037328 -10.461772
0.00000 -3.138536 -0.010103
1.00000 -1808.147 -0.037328 -10.461772
.000000 .000000 .000000

COMB DESIGN ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 285.793824 0.032081 9.000212
0.00000 10.800255 0.037327
0.25000 285.793824 0.032081 9.000212
0.00000 8.100195 0.028260
0.50000 285.793824 0.032081 9.000212
0.00000 5.400103 0.018546
0.75000 285.793824 0.032081 9.000212
0.00000 2.700667 0.008798
1.00000 285.793824 0.032081 9.000212
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

COMB DESIGN ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1808.147 -0.037328 -10.461772
0.00000 -12.554121 -0.043086
0.25000 -1808.147 -0.037328 -10.461772
0.00000 -9.415564 -0.031900
0.50000 -1808.147 -0.037328 -10.461772
0.00000 -6.277075 -0.020791
0.75000 -1808.147 -0.037328 -10.461772
0.00000 -3.138536 -0.010103
1.00000 -1808.147 -0.037328 -10.461772
.000000 .000000 .000000

ELEM 278 ----- LENGTH

COMB DB-G1-1 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 31.578409 0.023836 1.039257
0.00000 1.247108 0.028551
0.25000 31.578409 0.023836 1.039257
0.00000 0.935331 0.021404
0.50000 31.578409 0.023836 1.039257
0.00000 0.614231 0.014231
0.75000 31.578409 0.023836 1.039257
0.00000 0.311777 0.006991
1.00000 31.578409 0.023836 1.039257
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1503.OUT

COMB DB-G1-1 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -43.798063 -0.023312 -1.062626
0.00

REL DIST	P	M2	M3	V2	V3
0.00000	45.572212	0.032642	1.874389		
0.00000	2.249264	0.039225			
0.25000	45.572212	0.032642	1.874389		
0.00000	1.685968	0.029603			
0.50000	45.572212	0.032642	1.874389		
0.00000	1.124607	0.019458			
0.75000	45.572212	0.032642	1.874389		
0.00000	5.561295	0.009212			
1.00000	45.572212	0.032642	1.874389		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	-83.838750	-0.042008	-1.455301		
0.00000	-1.746341	-0.05152			
0.25000	-83.838750	-0.042008	-1.455301		
0.00000	-1.309763	-0.037615			
0.50000	-83.838750	-0.042008	-1.455301		
0.00000	-0.873149	-0.024872			
0.75000	-83.838750	-0.042008	-1.455301		
0.00000	-0.436579	-0.012446			
1.00000	-83.838750	-0.042008	-1.455301		
0.00000	0.000000	0.000000			
Program	SAP2000	Nonlinear	Version 7.42		
File:	상행S11-S1503.OUT				

REL DIST	P	M2	M3	V2	V3
0.00000	89.435658	0.133636	6.305022		
0.00000	7.566053	0.160498			
0.25000	89.435658	0.133636	6.305022		
0.00000	5.120420	0.124672			
0.50000	89.435658	0.133636	6.305022		
0.00000	3.782982	0.079936			
0.75000	89.435658	0.133636	6.305022		
0.00000	1.000000	0.040000			
1.00000	89.435658	0.133636	6.305022		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	89.435658	0.133636	6.305022		
0.00000	7.566053	0.160498			
0.25000	89.435658	0.133636	6.305022		
0.00000	5.120420	0.124672			
0.50000	89.435658	0.133636	6.305022		
0.00000	3.782982	0.079936			
0.75000	89.435658	0.133636	6.305022		
0.00000	1.000000	0.040000			
1.00000	89.435658	0.133636	6.305022		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	-546.223354	-0.141467	-9.555812		
0.00000	7.146976	-0.169931			
0.25000	-546.223354	-0.141467	-9.555812		
0.00000	-5.360233	-0.127183			
0.50000	-546.223354	-0.141467	-9.555812		
0.00000	-3.573478	-0.084803			
0.75000	-546.223354	-0.141467	-9.555812		
0.00000	-1.786750	-0.041640			
1.00000	-546.223354	-0.141467	-9.555812		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	135.553519	0.153176	7.681772		
0.00000	9.211548	0.133677			
0.25000	135.553519	0.153176	7.681772		
0.00000	6.913630	0.137992			
0.50000	135.553519	0.153176	7.681772		
0.00000	4.808800	0.091830			
0.75000	135.553519	0.153176	7.681772		
0.00000	2.304541	0.046281			
1.00000	135.553519	0.153176	7.681772		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	-1411.437	-0.172356	-6.827218		
0.00000	-8.192681	-0.138822			
0.25000	-1411.437	-0.172356	-6.827218		
0.00000	-6.144507	-0.154954			
0.50000	-1411.437	-0.172356	-6.827218		
0.00000	-4.081699	-0.091689			
0.75000	-1411.437	-0.172356	-6.827218		
0.00000	-2.048129	-0.050964			
1.00000	-1411.437	-0.172356	-6.827218		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	66.917828	0.048168	3.566505		
0.00000	4.279806	0.057337			
0.25000	66.917828	0.048168	3.566505		
0.00000	3.209854	0.042638			
0.50000	66.917828	0.048168	3.566505		
0.00000	1.39924	0.028096			
0.75000	66.917828	0.048168	3.566505		
0.00000	1.069986	0.013312			
1.00000	66.917828	0.048168	3.566505		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	-1226.716	-0.080018	-2.148964		
0.00000	-2.578757	-0.095598			
0.25000	-1226.716	-0.080018	-2.148964		
0.00000	-1.930000	-0.071768			
0.50000	-1226.716	-0.080018	-2.148964		
0.00000	-1.289330	-0.047493			
0.75000	-1226.716	-0.080018	-2.148964		
0.00000	-2.640459	-0.092442			
1.00000	-1226.716	-0.080018	-2.148964		
0.00000	0.000000	0.000000			
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REL DIST	P	M2	M3	V2	V3
0.00000	-1881.685	-0.149104	-5.089646		
0.00000	-6.107567	-0.179462			
0.25000	-1881.685	-0.149104	-5.089646		
0.00000	-4.580701	-0.134022			
0.50000	-1881.685	-0.149104	-5.089646		
0.00000	-3.053804	-0.088861			
0.75000	-1881.685	-0.149104	-5.089646		
0.00000	-1.526874	-0.043821			
1.00000	-1881.685	-0.149104	-5.089646		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	-1881.685	-0.149104	-5.089646		
0.00000	-6.107567	-0.179462			
0.25000	-1881.685	-0.149104	-5.089646		
0.00000	-4.580701	-0.134022			
0.50000	-1881.685	-0.149104	-5.089646		
0.00000	-3.053804	-0.088861			
0.75000	-1881.685	-0.149104	-5.089646		
0.00000	-1.526874	-0.043821			
1.00000	-1881.685	-0.149104	-5.089646		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	-1881.685	-0.149104	-5.089646		
0.00000	-6.107567	-0.179462			
0.25000	-1881.685	-0.149104	-5.089646		
0.00000	-4.580701	-0.134022			
0.50000	-1881.685	-0.149104	-5.089646		
0.00000	-3.053804	-0.088861			
0.75000	-1881.685	-0.149104	-5.089646		
0.00000	-1.526874	-0.043821			
1.00000	-1881.685	-0.149104	-5.089646		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	144.108208	0.149090	8.231625		
0.00000	9.878015	0.178395			
0.25000	144.108208	0.149090	8.231625		
0.00000	7.408519	0.133290			
0.50000	144.108208	0.149090	8.231625		
0.00000	4.938968	0.088502			
0.75000	144.108208	0.149090	8.231625		
0.00000	2.469570	0.046281			
1.00000	144.108208	0.149090	8.231625		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	-1859.981	-0.184626	-6.645562		
0.00000	-7.974666	-0.221562			
0.25000	-1859.981	-0.184626	-6.645562		
0.00000	-5.981012	-0.165763			
0.50000	-1859.981	-0.184626	-6.645562		
0.00000	-3.987325	-0.109726			
0.75000	-1859.981	-0.184626	-6.645562		
0.00000	-1.993638	-0.053373			
1.00000	-1859.981	-0.184626	-6.645562		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	103.794682	0.107895	5.005755		
0.00000	6.006907	0.129343			
0.25000	103.794682	0.107895	5.005755		
0.00000	4.505180	0.097018			
0.50000	103.794682	0.107895	5.005755		
0.00000	3.003453	0.064672			
0.75000	103.794682	0.107895	5.005755		
0.00000	1.501727	0.032407			
1.00000	103.794682	0.107895	5.005755		
0.00000	0.000000	0.000000			

REL DIST	P	M2	M3	V2	V3
0.00000	-863.876181	-0.112287	-4.810077		
0.00000	-5.772039	-0.134502			
0.25000	-863.876181	-0.112287	-4.810077		
0.00000	-4.329029	-0.100852			
0.50000	-863.876181	-0.112287	-4.810077		
0.00000	-2.896020	-0.068964			
0.75000	-863.876181	-0.112287	-4.810077		
0.00000	-1.443012	-0.033187			
1.00000	-863.876181	-0.112287	-4.810077		
0.00000	0.000000	0.000000			
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REL DIST	P	M2	M3	V2	V3
0.00000	144.108208	0.153176	8.231625		
0.00000	9.878015	0.183887			
0.25000	144.108208	0.153176	8.231625		
0.00000	7.408519	0.137992			
0.50000	144.108208	0.153176	8.231625		
0.00000	4.938968	0.088502			
0.75000	144.108208	0.153176	8.231625		
0.00000	2.469570	0.046281			
1.00000	144.108208	0.153176	8.231625		
0.00000	0.000000	0.000000			

COMB	DL-----MAX				
REL DIST	T	P	M2	M3	V3
0.00000	144.108208	0.153176		8.231625	
0.00000	9.878015	0.183887			
0.25000	144.108208	0.153176		8.231625	
0.00000	7.408519	0.173992			
0.50000	144.108208	0.153176		8.231625	
0.00000	4.938968	0.091830			
0.75000	144.108208	0.153176		8.231625	
1.00000	2.469570	0.046281			
0.00000	144.108208	0.153176		8.231625	
0.00000	0.000000	0.000000			

REL DIŞT	P	M2	V2	V3
0.00000	68.551680	0.129918	0.129918	2.037708
0.00000	2.241577	0.144258		
0.25000	68.551680	0.129918	0.129918	2.037708
0.00000	1.681546	0.107839		
0.50000	68.551680	0.129918	0.129918	2.037708
0.00000	1.120914	0.071443		
0.75000	68.551680	0.129918	0.129918	2.037708
0.00000	0.834715	0.034715		
1.00000	68.551680	0.129918	0.129918	2.037708
0.00000	0.000000	0.000000		

COMB DL-G2-2 ----- MIN

REL DIŞT	P	M2	V2	V3
0.00000	-880.180044	-0.098155	-2.691822	
0.00000	-2.961081	-0.107446		
0.25000	-880.180044	-0.098155	-2.691822	
0.00000	-2.220879	-0.079963		
0.50000	-880.180044	-0.098155	-2.691822	
0.00000	-1.480616	-0.053059		
0.75000	-880.180044	-0.098155	-2.691822	
0.00000	-0.740521	-0.025423		
1.00000	-880.180044	-0.098155	-2.691822	
0.00000	0.000000	0.000000		

COMB DL-G2-3 ----- MAX

REL DIŞT	P	M2	V2	V3
0.00000	79.892716	0.171268	2.806638	
0.00000	3.087415	0.188886		
0.25000	79.892716	0.171268	2.806638	
0.00000	2.315939	0.141261		
0.50000	79.892716	0.171268	2.806638	
0.00000	1.543906	0.093499		
0.75000	79.892716	0.171268	2.806638	
0.00000	0.771615	0.044994		
1.00000	79.892716	0.171268	2.806638	
0.00000	0.000000	0.000000		

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN

REL DIŞT	P	M2	V2	V3
0.00000	-840.603483	-0.135266	-3.551156	
0.00000	-3.906363	-0.148582		
0.25000	-840.603483	-0.135266	-3.551156	
0.00000	-2.930001	-0.110710		
0.50000	-840.603483	-0.135266	-3.551156	
0.00000	-1.953267	-0.073236		
0.75000	-840.603483	-0.135266	-3.551156	
0.00000	-0.976549	-0.034993		
1.00000	-840.603483	-0.135266	-3.551156	
0.00000	0.000000	0.000000		

COMB DB ----- MAX

REL DIŞT	P	M2	V2	V3
0.00000	57.604659	0.091835	1.904161	
0.00000	2.059680	0.100822		
0.25000	57.604659	0.091835	1.904161	
0.00000	1.570920	0.075556		
0.50000	57.604659	0.091835	1.904161	
0.00000	0.820480	0.050204		
0.75000	57.604659	0.091835	1.904161	
0.00000	0.523640	0.024819		
1.00000	57.604659	0.091835	1.904161	
0.00000	0.000000	0.000000		

COMB DB ----- MIN

REL DIŞT	P	M2	V2	V3
0.00000	-799.312103	-0.091827	-1.904244	
0.00000	-2.093688	-0.112622		
0.25000	-799.312103	-0.091827	-1.904244	
0.00000	-1.571001	-0.075610		
0.50000	-799.312103	-0.091827	-1.904244	
0.00000	-1.650734	-0.102478		
0.75000	-799.312103	-0.091827	-1.904244	
0.00000	-0.523667	-0.025020		
1.00000	-799.312103	-0.091827	-1.904244	
0.00000	0.000000	0.000000		

COMB DL ----- MAX

REL DIŞT	P	M2	V2	V3
0.00000	80.038073	0.171268	2.957431	
0.00000	3.253187	0.188886		
0.25000	80.038073	0.171268	2.957431	
0.00000	2.440160	0.141261		
0.50000	80.038073	0.171268	2.957431	
0.00000	1.626829	0.093499		
0.75000	80.038073	0.171268	2.957431	
0.00000	0.813389	0.044994		
1.00000	80.038073	0.171268	2.957431	
0.00000	0.000000	0.000000		

COMB DL ----- MIN

REL DIŞT	P	M2	V2	V3
0.00000	-880.180044	-0.142635	-3.551156	
0.00000	-3.906363	-0.157439		
0.25000	-880.180044	-0.142635	-3.551156	
0.00000	-2.930001	-0.117803		
0.50000	-880.180044	-0.142635	-3.551156	
0.00000	-1.953267	-0.078389		
0.75000	-880.180044	-0.142635	-3.551156	
0.00000	-0.976549	-0.038277		
1.00000	-880.180044	-0.142635	-3.551156	
0.00000	0.000000	0.000000		

COMB CAR ----- MAX

REL DIŞT	P	M2	V2	V3
0.00000	80.038073	0.171268	2.957431	
0.00000	3.253187	0.188886		
0.25000	80.038073	0.171268	2.957431	
0.00000	2.440160	0.141261		
0.50000	80.038073	0.171268	2.957431	
0.00000	1.626829	0.093499		
0.75000	80.038073	0.171268	2.957431	
0.00000	0.813389	0.044994		
1.00000	80.038073	0.171268	2.957431	
0.00000	0.000000	0.000000		

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL DIŞT	P	M2	V2	V3
0.00000	-880.180044	-0.142635	-3.551156	
0.00000	-3.906363	-0.157439		
0.25000	-880.180044	-0.142635	-3.551156	
0.00000	-2.930001	-0.117803		
0.50000	-880.180044	-0.142635	-3.551156	
0.00000	-1.953267	-0.078389		
0.75000	-880.180044	-0.142635	-3.551156	
0.00000	-0.976549	-0.038277		
1.00000	-880.180044	-0.142635	-3.551156	
0.00000	0.000000	0.000000		

COMB DESIGN ----- MAX

REL DIŞT	P	M2	V2	V3
0.00000	80.038073	0.171268	2.957431	
0.00000	3.253187	0.188886		
0.25000	80.038073	0.171268	2.957431	
0.00000	2.440160	0.141261		
0.50000	80.038073	0.171268	2.957431	
0.00000	1.626829	0.093499		
0.75000	80.038073	0.171268	2.957431	
0.00000	0.813389	0.044994		
1.00000	80.038073	0.171268	2.957431	
0.00000	0.000000	0.000000		

COMB DESIGN ----- MIN

REL DIŞT	P	M2	V2	V3
0.00000	-880.180044	-0.142635	-3.551156	
0.00000	-3.906363	-0.157439		
0.25000	-880.180044	-0.142635	-3.551156	
0.00000	-2.930001	-0.117803		
0.50000	-880.180044	-0.142635	-3.551156	
0.00000	-1.953267	-0.078389		
0.75000	-880.180044	-0.142635	-3.551156	
0.00000	-0.976549	-0.038277		
1.00000	-880.180044	-0.142635	-3.551156	
0.00000	0.000000	0.000000		

< UNEQUAL SETTLEMENT 1 >

DISPLACEMENT DEGREES OF FREEDOM

(A) = Active DOF, equilibrium equation
(-) = Restrained DOF, reaction

computed (+) = Constrained DOF
(-) = External substructure DOF
(-) = Null DOF

JOINTS

		{ } = External substructure DOF					
		= Null DOF					
JOINTS		U1	U2	U3	R1	R2	R3
1	TO	162	A	A	A	A	A
163	TO	164	A	A	A	A	A
165		-	A	A	-	A	A
166	TO	168	A	A	-	A	A
169	TO	170	A	A	-	A	A
171		-	-	-	A	A	A
172	TO	174	A	A	-	A	A

-2.25E-05 0.000174 -3.33E-07 -0.009478
8 -0.000189 -3.48E-06
-1.51E-05 0.000114 -4.60E-07 -0.009897
9 -0.000189 -5.05E-06 -0.009897
-7.84E-06 5.06E-05 -2.79E-07
10 -0.000189 -6.25E-07 -0.010000
-1.86E-06 0.000189 -6.81E-06 -0.009893
11 -0.000189 -5.13E-05 -1.23E-07
1.53E-06 -0.000189 -7.23E-06 -0.009480
12 -0.000189 -4.49E-08 -0.008773
13 -0.000189 -7.34E-06 -0.008773
8.15E-06 -0.000166 -3.75E-09 -0.007822
14 -0.000189 -7.32E-06 -0.007822
9.94E-06 -0.000189 -2.25E-09 -0.006676
15 -0.000189 -7.30E-06 -0.006676
1.10E-05 -0.000241 -1.03E-09 -0.005407
16 -0.000189 -7.30E-06 -0.005407
1.12E-05 -0.000258 -7.24E-09 -0.004095
17 -0.000189 -7.33E-06 -0.004095
1.08E-05 -0.000259 -6.72E-09 -0.002814
18 -0.000189 -7.35E-06 -0.002814
9.71E-06 -0.000246 -6.52E-09 -0.001632
19 -0.000189 -7.39E-06 -0.001632
8.29E-06 -0.000220 -1.23E-08 -0.000606
20 -0.000189 -7.48E-06 -0.000606
6.77E-06 -0.000185 -2.95E-08
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
21	-0.000189	-7.61E-06	-3.32E-08
5.93E-06	-0.000158	-4.31E-08	
22	-0.000189	-7.77E-06	0.000509
5.35E-06	-0.000130	-4.89E-08	
23	-0.000189	-8.00E-06	0.001056
4.89E-06	-8.70E-05	-3.79E-08	
24	-0.000189	-8.11E-06	0.001392
4.66E-06	-4.71E-05	-8.24E-09	
25	-0.000189	-8.24E-06	0.001539
4.51E-06	-1.13E-05	-4.95E-08	
26	-0.000189	-7.66E-06	0.001516
4.27E-06	1.94E-05	9.81E-08	
27	-0.000189	-7.09E-06	0.001357
3.93E-06	4.21E-05	-4.99E-07	
28	-0.000189	-6.18E-06	0.001104
3.46E-06	5.68E-05	1.89E-07	
29	-0.000189	-6.48E-06	0.000797
2.87E-06	6.32E-05	2.18E-07	
30	-0.000189	-4.02E-06	0.000478
2.18E-06	6.20E-05	-2.31E-07	
31	-0.000189	-2.89E-06	0.000181
1.43E-06	5.48E-05	-2.35E-07	
32	-0.000189	-2.02E-06	1.61E-08
9.21E-07	4.73E-05	-3.32E-07	
33	-0.000189	-1.12E-06	-0.000152
4.15E-07	3.88E-05	2.24E-07	
34	-0.000189	-1.27E-07	-0.000316
-3.16E-07	6.11E-05	2.07E-07	
35	-0.000189	8.15E-07	-0.000418
-9.44E-07	1.43E-05	1.86E-07	
36	-0.000189	1.75E-06	-0.000462
-1.46E-06	3.69E-06	1.63E-07	
37	-0.000189	2.51E-06	-0.000457
-1.84E-06	-5.47E-06	1.40E-07	
38	-0.000189	3.16E-06	-0.000410
-2.04E-06	-9.00E-05	3.18E-07	
39	-0.000189	3.70E-06	-0.000335
-2.09E-06	-1.68E-05	9.93E-08	
40	-0.000189	4.17E-06	-0.000244
-1.98E-06	-5.51E-05	6.48E-08	
41	-0.000189	4.56E-06	-0.000147
-1.72E-06	-1.88E-05	7.25E-08	
42	-0.000189	4.90E-06	-5.64E-05
-1.36E-06	-7.82E-06	7.06E-08	
43	-0.000189	5.12E-06	-4.43E-09
-1.08E-06	-1.48E-05	5.99E-08	
44	-0.000189	5.42E-06	6.67E-05
-6.57E-07	-0.000189	5.69E-06	0.000116
-2.33E-07	-7.93E-06	5.47E-08	
46	-0.000189	5.97E-06	0.000147
1.57E-07	-0.000189	6.25E-06	0.000161
4.92E-07	-1.38E-06	5.65E-08	
7.69E-07	-0.000189	6.54E-06	0.000161
7.69E-07	-0.000189	6.54E-06	0.000147
9.74E-07	3.68E-06	6.18E-08	
50	-0.000189	7.16E-06	0.000124
1.11E-06	5.49E-06	5.51E-08	
51	-0.000189	7.49E-06	9.17E-05
1.18E-06	6.86E-06	6.79E-08	
52	-0.000189	7.84E-06	5.41E-05
1.19E-06	7.82E-06	7.06E-08	
53	-0.000189	8.20E-06	1.27E-05
1.15E-06	8.32E-06	7.27E-08	
54	-0.000189	8.31E-06	8.18E-10
1.13E-06	8.00E-06	7.20E-08	
55	-0.000192	3.97E-06	-1.59E-08
-4.47E-05	0.000352	-2.76E-07	
56	-0.000192	2.71E-06	-0.001593
-4.42E-05	0.000347	2.17E-07	
57	-0.000192	1.28E-06	-0.003310
-4.24E-05	0.000332	-2.87E-07	
58	-0.000191	-1.47E-07	-0.004929
-3.95E-05	0.000308	-1.75E-07	
59	-0.000191	-1.55E-06	-0.006401
-3.52E-05	0.000274	-2.76E-07	
60	-0.000191	-2.89E-06	-0.007676
-2.95E-05	0.000229	-7.97E-07	
61	-0.000191	-4.13E-06	-0.008706
-2.29E-05	0.000177	-2.39E-07	
62	-0.000190	-5.26E-06	-0.009455
-1.56E-05	0.000118	-2.9E-07	
63	-0.000190	-6.29E-06	-0.009888
-8.44E-06	5.36E-05	-1.95E-07	
64	-0.000189	-7.16E-06	-0.010000
-2.34E-06	-0.000190	-7.49E-07	
65	-0.000190	-7.60E-06	-0.009893
1.28E-06	-5.27E-05	-1.14E-07	
66	-0.000190	-8.08E-06	-0.009472
5.35E-06	-0.000115	-3.17E-08	
67	-0.000190	-8.40E-06	-0.008756
8.16E-06	-0.000168	-5.14E-08	
1.00E-05	-0.000212	-8.56E-08	-0.007800
69	-0.000189	-8.56E-06	-0.006654
1.10E-05	-0.000243	-1.18E-08	
70	-0.000189	-8.14E-06	-0.005389
1.13E-05	-0.000259	-3.38E-08	
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
71	-0.000189	-8.21E-06	-0.004081
1.08E-05	-0.000260	-4.52E-08	
72	-0.000189	-7.96E-06	-0.002805
9.78E-06	-0.000247	-4.99E-08	
73	-0.000189	-7.59E-06	-0.001625
8.38E-06	-0.000221	-5.13E-08	
74	-0.000189	-7.43E-06	-0.000602
6.91E-06	-0.000185	-4.89E-08	-4.17E-08
75	-0.000189	-7.57E-06	-0.000189
6.06E-06	-0.000158	-4.26E-08	
76	-0.000189	-7.12E-06	0.000503
5.44E-06	-0.000129	-4.13E-08	
77	-0.000189	-6.88E-06	0.001040

4.92E-06	-8.56E-05	5.33E-08	0.001367
4.68E-06	-8.60E-05	-1.76E-08	
79	-0.000189	-6.21E-06	0.001509
4.49E-06	-1.07E-05	7.95E-08	
4.21E-06	-0.000189	-5.78E-06	0.001484
81	-0.000189	-5.29E-06	0.001328
3.93E-06	4.16E-05	1.05E-07	
82	-0.000189	-4.73E-06	0.001080
3.41E-06	5.60E-05	1.57E-07	
83	-0.000189	-4.09E-06	0.000780
2.90E-06	6.22E-05	1.35E-07	
84	-0.000189	-3.38E-06	0.000468
2.22E-06	1.11E-05	9.75E-07	
85	-0.000189	-2.60E-06	0.000177
1.47E-06	5.40E-05	1.61E-07	
86	-0.000189	-2.03E-06	1.68E-08
9.61E-07	4.65E-05	1.67E-07	
87	-0.000189	-1.44E-06	-0.000149
4.48E-07	3.81E-05	1.70E-07	
98	-0.000189	-5.92E-07	-0.000309
-2.77E-07	2.56E-05	1.69E-07	
89	-0.000189	2.43E-07	-0.000407
-9.15E-07	1.40E-05	1.64E-07	
90	-0.000189	1.05E-06	-0.000451
-1.42E-06	3.60E-05	1.57E-07	
91	-0.000189	1.82E-06	-0.000445
-1.80E-06	-5.37E-06	1.48E-07	
-2.01E-06	-0.000189	2.53E-06	-0.000400
92	-0.000189	3.98E-07	
93	-0.000189	3.19E-06	-0.000327
-2.06E-06	-1.85E-05	1.26E-07	
-1.95E-06	-0.000189	3.79E-06	-0.000238
95	-0.000189	4.33E-06	-0.000144
-1.70E-06	-1.85E-05	1.02E-07	
96	-0.000189	4.81E-06	-5.49E-05
-1.35E-06	-1.69E-05	0.09E-08	
97	-0.000189	5.12E-06	-4.58E-09
-1.06E-06	-1.46E-05	8.37E-08	
98	-0.000189	5.53E-06	6.49E-05
-6.49E-07	1.13E-05	5.51E-08	
99	-0.000189	5.87E-06	0.000113
-2.28E-07	-7.75E-06	6.84E-08	
100	-0.000189	6.20E-06	0.000143
1.58E-07	-4.39E-06	6.35E-08	
101	-0.000189	6.51E-06	0.000157
4.87E-07	-1.33E-06	6.01E-08	
102	-0.000189	6.82E-06	0.000156
7.59E-07	1.38E-06	5.79E-08	
103	-0.000189	7.09E-06	0.000143
9.61E-07	3.62E-06	5.68E-08	
104	-0.000189	7.39E-06	0.000120
1.09E-06	5.40E-06	5.63E-08	
105	-0.000189	7.65E-06	8.89E-05
1.16E-06	6.71E-06	5.63E-08	
106	-0.000189	7.95E-06	5.24E-05
1.17E-06	7.63E-06	5.68E-08	
107	-0.000189	8.22E-06	1.23E-05
1.12E-06	8.10E-06	5.78E-08	
108	-0.000189	8.31E-06	6.67E-10
1.11E-06	8.13E-06	5.81E-08	
109	-0.000190	4.00E-06	7.21E-08
-4.44E-05	0.000352	3.54E-05	-0.001600
110	-0.000190	3.27E-06	-0.001600
-4.41E-05	0.000347	2.64E-05	
111	-0.000190	2.26E-06	-0.003324
-4.24E-05	0.000331	2.65E-05	
112	-0.000190	1.10E-06	-0.004948
-3.94E-05	0.000307	2.46E-05	
113	-0.000190	-1.33E-07	-0.006422
-3.48E-05	0.000273	2.18E-05	
114	-0.000190	7.95E-06	-0.007697
-2.85E-05	0.000228	1.82E-05	
115	-0.000190	-2.33E-06	-0.008724
-2.09E-05	0.000176	1.40E-05	
116	-0.000189	-1.00E-06	-0.009467
-1.18E-05	0.000116	9.19E-06	
117	-0.000189	-5.63E-06	-0.009893
-2.69E-06	5.26E-05	-0.010001	
118	-0.000189	-6.66E-06	-0.010001
4.44E-06	-8.80E-06	-9.06E-07	
119	-0.000189	-7.18E-06	-0.009893
7.23E-06	-5.16E-05	-7.59E-06	
120	-0.000189	-7.82E-06	-0.009476
9.44E-06	-0.000113	-9.39E-06	
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
121	-0.000189	-7.84E-06	-0.008765
1.04E-05	-0.000167	-1.37E-05	
122	-0.000189	-7.93E-06	-0.007811
1.10E-05	-0.000210	-1.77E-05	
123	-0.000189	-7.92E-06	-0.006665
1.14E-05	-0.000242	-1.97E-05	
1.12E-05	-0.000189	-7.86E-06	-0.005398
1.17E-05	-0.000258	-1.90E-05	
125	-0.000189	-7.76E-06	-0.004088
1.03E-05	-0.000259	-2.10E-05	
126	-0.000189	-7.56E-06	-0.002809
8.62E-06	-0.000246	-1.92E-05	
127	-0.000189	-7.55E-06	-0.001629
6.35E-06	-0.000221	-1.79E-05	
128	-0.000189	-7.44E-06	-0.000604
4.04E-06	-0.000185	-1.37E-05	
129	-0.000189	-7.45E-06	6.97E-08
2.95E-06	-0.000158	-1.08E-05	
130	-0.000189	-7.48E-06	0.000506
2.63E-06	-0.000129	-7.85E-06	
131	-0.000189	-7.45E-06	0.001048
2.94E-06	-8.63E-05	-6.99E-06	
132	-0.000189	-7.35E-06	0.001380
3.57E-06	-4.65E-05	-7.07E-06	
133	-0.000189	-7.12E-06	

-125	1.06E-06	4.34E-06	-0.007881
-1.28E-05	0.000210	1.69E-05	
-8.58E-06	0.000165	1.33E-05	-0.008831
127	1.07E-06	3.80E-06	-0.009528
-3.60E-06	0.000109	8.85E-06	
128	1.06E-06	3.60E-06	-0.009919
1.06E-06	4.57E-05	3.29E-06	
129	1.05E-06	3.57E-06	-0.010000
3.17E-06	1.06E-06	6.30E-08	
130	1.04E-06	4.25E-06	-0.009926
-3.69E-06	-3.15E-06	-3.15E-06	
131	1.02E-06	3.90E-06	-0.009544
2.80E-06	-0.000108	8.71E-06	
132	1.01E-06	4.1E-06	-0.008856
1.12E-06	-0.000164	-1.32E-05	
133	9.95E-07	4.54E-06	-0.007913
-4.65E-07	-0.000210	1.58E-05	
134	9.87E-07	4.76E-06	-0.006766
-1.69E-06	-0.000243	-1.95E-05	
135	9.82E-07	4.88E-06	-0.005490
-2.67E-06	-0.000261	-2.09E-05	
136	9.79E-07	4.84E-06	-0.004164
-3.55E-06	-0.000263	-2.10E-05	
137	9.77E-07	4.65E-06	-0.002866
-4.46E-06	-0.000251	-2.20E-05	
138	9.74E-07	4.28E-06	-0.001664
-5.33E-06	-0.000225	-1.80E-05	
139	9.68E-07	3.74E-06	-0.000618
-5.74E-06	-0.000189	-3.7E-06	
140	9.60E-07	3.18E-06	1.68E-07
-5.35E-06	-0.000162	-1.06E-05	
141	9.49E-07	2.53E-06	0.000519
-4.13E-06	-0.000132	-3.6E-06	
142	9.27E-07	1.54E-06	0.001076
-1.53E-06	-8.91E-05	-6.86E-06	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
143	8.98E-07	4.97E-07	0.001420
1.19E-06	-4.87E-05	-3.54E-06	
144	8.68E-07	-4.81E-07	0.001572
3.53E-06	-6.95E-05	-6.95E-07	
145	8.33E-07	-1.34E-06	0.001553
5.25E-06	1.87E-05	1.89E-06	
146	8.03E-07	-2.05E-06	0.001395
6.28E-06	3.75E-05	3.75E-07	
147	7.78E-07	-2.58E-06	0.001140
6.69E-06	5.74E-05	4.97E-06	
148	7.61E-07	-2.92E-06	0.000829
6.53E-06	6.45E-05	6.45E-06	
149	7.53E-07	-3.08E-06	0.000501
5.91E-06	6.41E-05	5.50E-06	
150	7.55E-07	-3.06E-06	0.000192
4.90E-06	7.6E-05	1.48E-06	
151	7.65E-07	-2.93E-06	6.38E-08
3.97E-06	5.06E-05	3.95E-06	
152	7.88E-07	-2.63E-06	-0.000227
2.48E-06	3.40E-05	3.40E-06	
153	8.23E-07	-2.20E-06	-0.000393
9.50E-07	2.70E-05	2.38E-06	
154	8.68E-07	-1.68E-06	-0.000499
-4.31E-07	1.52E-05	1.42E-06	
155	9.20E-07	-1.09E-06	-0.000548
-1.63E-06	4.66E-05	5.61E-07	
156	9.79E-07	-4.82E-07	-0.000546
-2.60E-06	1.24E-05	-2.03E-07	
157	1.04E-06	1.43E-06	-0.000500
-3.33E-06	-1.26E-05	-8.32E-07	
158	1.11E-06	7.66E-06	-0.000419
-3.79E-06	1.11E-05	1.93E-06	
159	1.18E-06	1.38E-06	-0.000311
-3.99E-06	-2.34E-05	-1.69E-06	
160	1.17E-06	1.97E-06	-0.000183
-3.92E-06	-2.66E-05	-2.01E-06	
161	1.32E-06	2.56E-06	-4.42E-05
-3.50E-06	-2.83E-05	-1.27E-06	
-3.26E-06	1.33E-05	2.67E-06	-6.20E-10
163	0.000102	7.72E-06	0.000000
1.21E-05	-8.99E-05	7.65E-08	
-2.48E-05	-0.000156	-2.69E-06	0.000000
165	3.31E-24	1.10E-24	-0.010000
-2.28E-06	9.67E-07	6.38E-09	
166	0.000100	-2.77E-05	0.000000
-2.56E-05	-0.000160	-2.13E-07	
167	-6.10E-05	4.46E-06	0.000000
6.11E-06	5.08E-05	8.42E-08	
168	-1.24E-05	-1.45E-06	0.000000
-3.87E-06	-2.87E-05	8.35E-08	
169	9.84E-05	-7.27E-22	0.000000
5.17E-06	-8.86E-05	2.21E-07	
170	-0.000189	4.44E-22	0.000000
-2.51E-06	0.000158	1.18E-07	
171	0.000000	0.000000	-0.010000
-2.63E-06	9.61E-07	5.42E-09	
172	0.000192	3.0E-24	0.000000
-2.79E-06	-0.000161	-1.24E-07	
173	-5.88E-05	-5.31E-23	0.000000
2.48E-06	5.03E-05	8.31E-09	
174	3.68E-22	3.68E-22	0.000000
-2.45E-06	-2.82E-05	1.36E-07	

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JOINT	U1	U2	U3
R1	R2	R3	
3.65E-06	0.000190	1.66E-05	-3.42E-09
-2.65E-05	-1.03E-07	-1.03E-07	
0.000190	1.61E-05	-0.000120	
-3.75E-06	2.53E-05	-1.06E-07	
3.66E-06	0.000190	1.56E-05	-0.000242
-3.66E-06	1.21E-05	-1.15E-07	
4	0.000190	1.50E-05	-0.000343
-3.34E-06	1.72E-05	-1.29E-07	
0.000190	1.43E-05	-0.000414	
-2.74E-06	0.000190	1.17E-07	
6	0.000190	1.35E-05	-0.000445
-1.85E-06	1.14E-06	-1.68E-07	
0.000190	1.26E-05	-0.000425	
-7.09E-07	9.51E-06	1.89E-07	
8	0.000191	1.16E-05	-0.000347
6.53E-07	-2.18E-05	-2.09E-07	
0.000191	1.05E-05	-0.000206	
2.16E-06	-3.44E-05	-2.27E-07	
10	0.000191	9.32E-06	1.60E-08
3.65E-06	-0.48E-05	-2.38E-07	
4.64E-06	0.000191	8.47E-06	0.000180
12	0.000191	7.26E-06	0.000477
5.87E-06	6.19E-05	-2.39E-07	
13	0.000191	6.09E-05	0.000797
6.64E-06	-6.32E-05	-2.24E-07	
14	0.000191	5.03E-06	0.001106
6.88E-06	5.70E-05	1.96E-07	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
6.49E-06	0.000191	4.14E-06	0.001362
16	0.000191	1.55E-07	
5.49E-06	-0.23E-05	-1.02E-07	0.001523
17	0.000191	3.12E-06	0.001548
3.90E-06	1.13E-05	-4.5E-08	
18	0.000191	3.03E-06	0.001402

1.93E-06	4.73E-05	8.49E-09	0.001065
-2.22E-27	0.000191	3.18E-06	
20	0.000191	3.46E-06	0.000513
-2.33E-06	0.000131	6.32E-08	
-3.4E-06	0.000191	3.88E-06	-3.39E-08
22	0.000191	5.07E-08	
-4.25E-06	0.000187	5.07E-08	
23	0.000191	4.09E-06	
-4.86E-06	0.000222	4.09E-06	-0.001648
24	0.000191	4.24E-06	-0.002842
-5.02E-06	0.000248	2.96E-08	
25	0.000191	4.37E-06	-0.004133
-4.72E-06	0.000261	4.37E-06	
26	0.000191	4.46E-06	-0.005456
-4.30E-06	0.000260	1.63E-08	
27	0.000191	4.50E-06	-0.006731
-3.59E-06	0.000191	4.50E-06	
28	0.000191	4.43E-06	-0.007878
-2.77E-06	0.000209	2.08E-08	
29	0.000191	4.29E-06	-0.008825
-1.95E-06	0.000164	2.98E-08	
30	0.000191	4.16E-06	-0.009519
-1.45E-06	0.000109	-1.30E-08	
31	0.000191	4.21E-06	-0.009913
-1.54E-06	0.000190	3.75E-08	
32	0.000191	4.43E-06	-0.010000
-2.20E-06	3.39E-06	8.60E-08	
33	0.000191	4.82E-06	-0.009936
-3.51E-06	-3.97E-05	4.32E-07	
34	0.000191	5.61E-06	-0.009576
-6.33E-06	-0.000103	1.72E-07	
-9.42E-06	-0.000158	1.69E-07	-0.008911
36	0.000190	7.28E-06	-0.007989
-1.24E-05	-0.000205	1.31E-07	
-1.48E-05	-0.000239	1.21E-08	-0.006859
38	0.000190	8.02E-06	-0.005592
-1.64E-05	-0.000259	7.33E-09	
39	0.000190	7.45E-06	-0.002958
-1.71E-05	-0.000263	3.84E-08	
40	0.000190	7.45E-06	-0.002958
-1.68E-05	-0.000252	2.8E-07	-0.001733
41	0.000190	6.63E-06	
-1.56E-05	-0.000229	-2.07E-07	
42	0.000190	5.36E-06	-0.000652
-1.35E-05	-0.000197	4.30E-07	
43	0.000190	4.01E-06	-2.96E-08
-1.14E-05	-0.000171	3.65E-07	
44	0.000190	2.15E-06	0.000771
-7.83E-06	0.000133	-4.42E-07	
-3.61E-06	-9.21E-05	-4.94E-07	0.001341
46	0.000189	-2.76E-06	0.001703
6.75E-07	5.23E-05	5.31E-07	
47	0.000189	-5.31E-06	0.001873
4.58E-06	-1.61E-05	-5.04E-07	
48	0.000189	-7.81E-06	0.001867
7.92E-06	1.61E-05	-4.78E-07	
49	0.000189	-1.01E-05	0.001712
1.05E-05	4.28E-05	-4.43E-07	
50	0.000189	-1.23E-05	0.001435
1.22E-05	6.40E-05	-4.05E-07	0.001065
51	0.000189	-1.42E-05	
1.32E-05	7.97E-05	-3.68E-07	
52	0.000188	-1.60E-05	0.000629
1.35E-05	9.08E-05	-3.36E-07	
1.32E-05	0.000188	-1.76E-05	0.000148
9.66E-05	3.04E-07		
54	0.000188	-1.80E-05	9.40E-09
1.30E-05	9.70E-05	-2.99E-07	
0.000189	1.85E-05	-2.96E-09	
-3.58E-06	2.58E-05	-1.49E-07	
56	0.000190	1.59E-05	-0.000116
-3.67E-06	2.47E-05	-1.71E-07	
0.000190	1.51E-05	-0.000234	
-3.60E-06	2.17E-05	-1.54E-07	
58	0.000190	1.43E-05	-0.000333
-3.29E-06	1.57E-05	-1.57E-07	
0.000190	1.35E-05	-0.000402	
-2.70E-06	1.00E-05	-1.62E-07	
60	0.000190	1.27E-05	-0.000432
-1.82E-06	1.16E-05	-1.65E-07	
0.000190	1.19E-05	-0.000413	
-6.96E-07	-9.24E-06	-1.70E-07	
62	0.000190	1.10E-05	-0.000338
6.6E-07	1.22E-05	-0.000307	
63	0.000191	1.02E-05	-0.000201
2.16E-06	-3.38E-05	-1.74E-07	
64	0.000191	9.30E-06	1.68E-08
3.65E-06	-3.04E-05	-1.01E-07	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES			
JOINT	U1	U2	U3
R1	R2	R3	
65	0.000191	8.71E-06	0.000176
4.64E-06	-5.36E-05	-1.67E-07	
66	0.000191	7.90E-06	0.000466
5.84E-06	-6.10E-05	-1.56E-07	
67	0.000191	7.72E-06	0.000780
6.61E-06	-6.23E-05	-1.42E-07	
68	0.000191	6.48E-06	0.001083
6.84E-06	-6.39E-05	-1.71E-07	
69	0.000191	5.69E-06	0.001333
6.46E-06	-4.18E-05	-1.10E-07	
70	0.000191	5.38E-06	0.001491
5.93E-06	-4.05E-05	-9.93E-08	
71	0.000191	4.94E-06	0.001511
72	1.07E-05	-8.01E-08	
72	0.000191	4.57E-06	0.001376
2.00E-06	-3.95E-05	-6.67E-08	
73	0.000191	4.29E-06	
-1.31E-07	8.62E-05	-4.69E-08	
74	0.000191	4.09E-06	0.000507
-2.19E-06	0.000130	-3.34E-08	
75	0.000191	3.99E-06	-4.24E-08
-3.33E-06	0.000159	-2.80E-08	
-4.16E-06	0.000187	3.89E-06	-0.000608
77	0.000191	3.72E-06	
-4.85E-06	0.000223	3.19E-08	
-5.01E-06	0.000249	-3.15E-08	-0.002833
79	0.000191	3.39E-06	
-4.81E-06	0.000262	3.10E-08	-0.004118
-4.32E-06	0.000290	3.03E-08	-0.005433
-4.32E-06	0.000261	-2.65E-08	
81	0.000191	3.11E-06	-0.006707
-3.63E-06	0.000211	2.93E-08	
82	0.000191	3.07E-06	-0.007855
-2.82E-06	0.000244	2.75E-09	
83	0.000191	3.13E-06	-0.008806
2.07E-06	0.000167	3.09E-08	
84	0.000191	3.27E-06	-0.009509
-1.58E-06	0.000112	3.85E-08	
85	0.000191	3.50E-06	-0.009910
-1.80E-06	0.000105	3.95E-08	
86	0.000191	3.74E-06	-0.010000
-2.56E-06	3.34E-06	8.09E-08	
-3.87E-06	0.000192	4.06E-06	-0.009933
87	0.000192	4.61E-07	-0.009563
-6.59E-06	-0.000105	5.18E-07	-0.008889
-9.64E-06	-0.000161	1.08E-07	
90	0.000192	5.68E-06	-0.007963
-1.25E-05	-0.000207	6.19E-08	
-1.49E-05	0.000191	6.39E-06	-0.006832
-1.92E-05	-0.000241	8.08E-08	
-1.64E-05	-0.000260	6.48E-06	-0.005568
-1.93E-05	0.000192	4.77E-08	
-1.71E-05	-0.000264	6.61E-06	-0.004241
94	0.000192	-4.43E-10	
-1.68E-05	0.000192	6.47E-06	-0.002943
96	0.000192	6.12E-06	-0.002943
97	0.000192	6.02E-06	-0.001747

66	-5.20E-05	-1.89E-06	-0.000128
-1.66E-06	-6.7E-05	-7.21E-08	
67	-5.20E-05	-1.54E-06	-0.000214
-1.91E-06	-1.70E-05	-6.66E-08	
68	-5.20E-05	-1.23E-06	-0.000296
-2.01E-06	-5.44E-05	-5.66E-08	
69	-5.20E-05	-9.30E-07	-0.000365
-1.95E-06	-1.14E-05	-4.25E-08	
70	-5.20E-05	-8.11E-07	-0.000408
-1.71E-06	-5.30E-06	-7.50E-08	
71	-5.20E-05	-7.35E-07	-0.000415
-1.31E-06	-2.99E-06	-4.47E-09	
72	-5.20E-05	-7.69E-07	-0.000376
-7.64E-07	-2.07E-05	-9.83E-08	
-8.99E-08	-5.20E-07	-9.20E-07	-0.000286
74	-5.20E-05	-1.20E-06	-0.000138
6.79E-07	-5.20E-05	-6.55E-08	
75	-5.20E-05	-1.47E-06	1.58E-08
1.22E-06	-4.33E-05	-8.67E-08	
76	-5.19E-05	-1.80E-06	0.000165
1.75E-06	-5.03E-05	-1.02E-07	
77	-5.19E-05	-2.35E-06	0.000436
2.49E-06	-5.71E-05	-1.16E-07	
78	-5.19E-05	-2.94E-06	0.000728
3.12E-06	-5.830E-05	-1.22E-07	
79	-5.19E-05	-3.55E-06	0.001009
3.61E-06	-5.25E-05	-1.23E-07	
80	-5.19E-05	-4.16E-06	0.001242
3.93E-06	-5.19E-05	-4.74E-06	0.001389
81	-5.19E-05	-4.16E-06	
4.08E-06	-1.82E-05	-1.12E-07	
82	-5.19E-05	-5.28E-06	0.001413
4.08E-06	-9.97E-06	-1.01E-07	
83	-5.19E-05	-5.74E-06	0.001281
4.02E-06	-4.30E-05	-8.36E-08	
84	-5.19E-05	-6.11E-06	0.000974
3.99E-06	-5.19E-05	-6.34E-06	0.000471
85	-5.19E-05	-6.34E-06	
4.24E-06	0.000120	-3.25E-08	
86	-5.18E-05	-6.43E-06	-3.82E-08
4.68E-06	0.000120	-3.25E-08	
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
5.37E-06	0.000174	-6.49E-06	-0.000565
88	-5.18E-05	-6.49E-06	-0.001526
6.69E-06	0.000208	-1.19E-08	-0.002640
8.05E-06	0.000234	-9.15E-08	-0.003853
9.18E-06	0.000248	-7.07E-08	-0.005109
9.90E-06	0.000250	-5.68E-08	-0.006342
92	-5.14E-05	-5.03E-06	-0.007483
1.01E-05	0.000239	-1.59E-07	-0.007483
93	-5.12E-05	-4.10E-06	-0.007483
9.99E-06	0.000114	-1.18E-07	-0.008469
94	-5.10E-05	-2.88E-06	-0.008469
8.43E-06	0.000178	-2.79E-07	-0.009253
95	-5.07E-05	-1.35E-06	-0.009253
6.41E-06	0.000133	-7.75E-07	-0.009787
96	-5.05E-05	-4.65E-07	-0.010000
3.23E-06	-7.97E-05	-3.96E-07	-0.010000
2.76E-07	-5.03E-05	-1.93E-06	-0.010075
98	-5.00E-05	-4.35E-06	-0.009868
-4.84E-06	-1.24E-05	-5.16E-07	-0.009868
99	-4.98E-05	-5.33E-07	-0.009379
100	-4.92E-05	-9.83E-06	-0.009379
-1.76E-05	-0.000123	-5.81E-07	-0.008631
101	-4.85E-05	-6.00E-07	-0.008631
-2.37E-05	-0.000172	-1.58E-05	-0.007649
102	-4.83E-05	-6.08E-07	-0.006468
-2.91E-05	-0.000215	-8.01E-07	-0.005125
-3.35E-05	-0.000251	-2.18E-05	-0.003658
104	-4.74E-05	-5.80E-07	-0.003658
-3.69E-05	-0.000279	-2.60E-07	-0.002102
-3.92E-05	-0.000300	-4.77E-07	-0.000489
106	-4.67E-05	-5.06E-07	-0.000489
-4.06E-05	-0.000315	-4.55E-07	-0.000489
-4.11E-05	-0.000322	-4.55E-07	-0.000489
108	-4.62E-05	-3.03E-05	-1.16E-08
-4.11E-05	-0.000323	-4.45E-07	-0.000489
109	-4.57E-05	-1.78E-08	-0.000489
7.96E-07	-7.18E-06	-5.78E-07	-0.000489
110	-5.21E-05	-4.46E-06	-0.000489
9.43E-07	-6.87E-06	-4.10E-07	-0.000489
111	-5.02E-05	-4.08E-06	-0.000489
9.82E-07	-6.01E-06	-3.67E-07	-0.000489
112	-5.21E-05	-4.17E-06	-0.000489
9.20E-07	-4.66E-06	-2.99E-07	-0.000489
113	-5.21E-05	-3.99E-06	-0.000489
7.62E-07	-2.77E-06	-1.08E-07	-0.000489
114	-5.22E-05	-3.78E-06	-0.000489
5.15E-07	-3.18E-07	-8.80E-08	-0.000489
115	-5.22E-05	-3.59E-06	-0.000489
1.95E-07	-2.57E-06	-3.19E-07	-0.000489
116	-5.22E-05	-3.24E-06	-0.000489
-1.90E-07	-5.85E-06	-5.83E-07	-0.000489
117	-5.22E-05	-2.90E-06	-0.000489
-6.21E-07	-9.35E-06	-8.73E-07	-0.000489
118	-5.23E-05	-2.52E-06	-0.000489
-1.07E-06	-1.27E-05	-1.04E-06	-0.000489
119	-5.23E-05	-2.20E-06	-0.000489
-1.37E-06	-1.48E-05	-1.20E-06	-0.000489
120	-5.23E-05	-1.81E-06	-0.000489
-1.71E-06	-1.68E-05	-1.49E-06	-0.000489
121	-5.24E-05	-1.40E-06	-0.000489
-1.94E-06	-1.72E-05	-1.51E-06	-0.000489
122	-5.24E-05	-1.02E-06	-0.000489
-2.03E-06	-1.55E-05	-1.39E-06	-0.000489
123	-5.24E-05	-7.18E-07	-0.000489
-1.96E-06	-1.15E-05	-1.07E-06	-0.000489
124	-5.24E-05	-5.14E-07	-0.000489
-1.72E-06	-5.34E-06	-5.84E-07	-0.000489
125	-5.24E-05	-4.35E-07	-0.000489
-1.30E-06	-3.03E-06	-8.49E-08	-0.000489
126	-5.24E-05	-5.01E-07	-0.000489
-7.20E-07	-1.26E-05	-8.64E-07	-0.000489
127	-5.24E-05	-7.29E-07	-0.000489
-3.85E-09	-2.38E-05	-1.76E-06	-0.000489
128	-5.24E-05	-1.12E-06	-0.000489
8.17E-07	-5.24E-05	-2.50E-06	-0.000489
129	-5.24E-05	-1.49E-06	-0.000489
1.43E-06	-4.37E-05	-2.80E-06	-0.000489
130	-5.24E-05	-1.94E-06	-0.000489
2.00E-06	-5.24E-05	-2.95E-06	-0.000489
131	-5.24E-05	-2.66E-06	-0.000489
2.66E-06	-5.24E-05	-4.48E-06	-0.000489
132	-5.23E-05	-3.45E-06	-0.000489
3.21E-06	-5.23E-05	-5.05E-06	-0.000489
133	-5.23E-05	-4.24E-06	-0.000489
3.63E-06	-5.28E-05	-4.08E-06	-0.000489
134	-5.23E-05	-4.97E-06	-0.000489
3.88E-06	-5.23E-05	-5.05E-06	-0.000489
135	-5.23E-05	-5.61E-06	-0.000489
3.88E-06	-1.82E-05	-1.30E-06	-0.000489
136	-5.23E-05	-6.11E-06	-0.000489
3.58E-06	-2.90E-05	-8.95E-07	-0.000489
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
2.89E-06	4.35E-05	3.67E-06	0.001292
138	-5.23E-05	-6.61E-06	0.000982
2.03E-06	8.08E-05	6.73E-06	0.000474
1.46E-06	0.000121	9.18E-06	0.000474
140	-5.23E-05	-6.60E-06	1.34E-07
1.62E-06	0.000148	1.01E-05	-0.000566
141	-5.23E-05	-6.60E-06	-0.000566
2.57E-06	0.000174	1.30E-05	-0.001529
142	-5.23E-05	-6.40E-06	-0.001529
4.70E-06	0.000208	1.71E-05	-0.002643
143	-5.23E-05	-6.40E-06	-0.002643
6.91E-06	0.000233	1.91E-05	-0.003858
144	-5.23E-05	-5.81E-06	-0.003858
8.65E-06	0.000248	2.03E-05	-0.005115
145	-5.22E-05	-2.05E-05	-0.006349
9.79E-06	0.000250	-2.46E-06	-0.007491
146	-5.22E-05	-2.46E-06	-0.007491
1.04E-05	0.000238	1.96E-05	-0.008475
147	-5.22E-05	-2.46E-06	-0.008475
1.05E-05	0.000213	1.75E-05	-0.009255
148	-5.21E-05	-2.46E-06	-0.009255
1.05E-05	0.000177	1.41E-05	-0.009787
149	-5.20E-05	-2.46E-06	-0.010081
1.02E-05	0.000131	1.11E-05	-0.009882
150	-5.19E-05	-8.79E-07	-0.009882
8.79E-06	7.98E-05	6.78E-06	-0.010081
6.57E-06	4.20E-05	3.56E-06	-0.010081
151	-5.16E-05	-5.11E-06	-0.010081
4.15E-07	-1.13E-05	-4.45E-07	-0.010081
153	-5.14E-05	-8.12E-06	-0.010081
7.41E-07	-6.75E-05	-5.04E-06	-0.010081
154	-5.11E-05	1.13E-05	-0.010081
-1.55E-05	-0.000122	1.68E-05	-0.010081
155	-5.08E-05	1.45E-05	-0.008657
-2.28E-05	-0.000171	-1.33E-05	-0.007677
156	-5.05E-05	1.77E-05	-0.007677
-2.88E-05	-0.000124	2.07E-05	-0.006495
157	-5.02E-05	2.07E-05	-0.006495
-3.35E-05	-0.000250	-1.97E-05	-0.005148
158	-4.99E-05	2.34E-05	-0.005148
-3.69E-05	-0.000123	2.40E-05	-0.003675
159	-4.97E-05	2.59E-05	-0.003675
-3.92E-05	-0.000300	-2.36E-05	-0.002112
160	-4.94E-05	2.81E-05	-0.002112
-4.06E-05	-0.000315	3.04E-05	-0.000491
161	-4.92E-05	3.04E-05	-0.000491
-4.08E-05	-0.000323	3.02E-05	-0.000491
162	-4.92E-05	3.02E-05	-0.000491
-4.05E-05	-0.000345	-3.45E-06	-0.000000
163	-4.45E-05	-3.45E-06	-0.000000
9.88E-07	-7.26E-06	1.92E-08	-0.000000
164	-6.75E-05	-9.52E-06	-0.000000
-2.10E-06	1.27E-05	-9.52E-06	-0.000000
165	2.04E-05	-1.25E-07	-0.000000
-1.44E-07	-4.40E-05	-1.47E-07	-0.000000
166	-0.000228	3.18E-05	-0.000000
2.57E-05	0.000146	8.89E-06	-0.010000
167	-0.000104	8.89E-06	-0.010000
2.85E-06	4.27E-05	5.17E-07	-0.000000
168	0.000304	-1.43E-05	-0.000000
-4.10E-05	-0.000324	-2.46E-07	-0.000000
169	-4.41E-05	-5.44E-05	-0.000000
4.35E-07	-7.12E-06	3.02E-08	-0.000000
170	-6.71E-05	-1.44E-06	-0.000000
-3.21E-07	1.26E-05	9.55E-08	-0.000000
171	0.000000	0.000000	-0.000000
-5.65E-08	-4.33E-05	-8.67E-08	-0.000000
172	-0.000229	4.31E-03	-0.000000
5.21E-06	0.000148	9.96E-08	-0.010000
173	-0.000101	1.36E-02	-0.010000
-6.68E-07	4.21E-05	4.49E-07	-0.000000
174	0.000309	-8.83E-07	-0.000000
-2.55E-05	-0.000324	4.45E-07	-0.000000

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JOINT	U1	U2	U3
R1	R2	R3	
3.27E-07	-3.24E-05	-1.62E-07	0.000771
9.06E-07	-1.16E-05	-2.52E-06	0.000861
38	1.17E-05	-3.38E-06	0.000875
1.61E-06	-1.11E-05	-1.70E-07	0.000791
2.49E-06	1.18E-05	-4.25E-06	0.000600
3.50E-06	1.19E-05	-5.16E-06	0.000791
4.76E-06	2.67E-05	-1.83E-07	0.000600
4.21E-05	1.20E-05	-6.15E-06	0.000289
6.39E-06	9.94E-05	-2.86E-07	-0.000509
43	1.21E-05	-8.26E-06	-0.000509
7.80E-06	1.21E-05	-9.84E-06	-0.000509

7	-1.14E-05	-1.15E-05	-0.000813
2.32E-05	-0.00164	5.33E-07	-0.000157
1.44E-05	-1.15E-05	5.53E-07	
9	-1.16E-05	-5.99E-06	0.000113
5.57E-06	-1.45E-05	5.23E-07	
10	-1.17E-05	3.32E-06	-5.05E-08
-1.98E-06	5.86E-05	4.51E-07	
11	-1.17E-05	-2.04E-06	-0.000295
-6.41E-06	0.000108	3.88E-07	-0.001021
-1.16E-05	0.000177	3.07E-07	
13	-1.17E-05	1.10E-06	-0.002064
-1.52E-05	0.000232	5.21E-07	-0.003339
-1.72E-05	0.000269	2.10E-07	
15	-1.16E-05	3.21E-06	-0.004754
-1.79E-05	0.000286	1.69E-07	-0.006191
16	-1.16E-05	3.92E-06	-0.006191
-1.71E-05	0.000278	1.15E-07	-0.00731
-1.50E-05	0.000247	5.02E-08	-0.008658
-1.19E-05	0.000196	-1.42E-08	-0.009486
19	-1.15E-05	4.21E-06	-0.009486
-8.18E-06	0.000128	5.89E-08	-0.009933
20	-1.15E-05	3.87E-06	-0.009933
-4.37E-06	4.76E-05	-7.12E-08	-0.010000
21	-1.15E-05	3.63E-06	-0.010000
-2.26E-06	-0.000146	3.24E-08	-0.009866
-7.50E-07	-6.64E-05	-5.32E-08	-0.009328
23	-1.17E-05	3.16E-06	-0.009328
5.37E-07	-0.000146	5.45E-08	-0.008416
24	-1.18E-05	2.84E-06	-0.008416
1.07E-06	-0.000212	-8.03E-08	-0.007220
25	-1.19E-05	2.34E-06	-0.007220
1.11E-06	-0.000260	1.19E-07	-0.005831
26	-1.21E-05	1.66E-06	-0.005831
9.21E-07	-0.000286	-1.53E-07	-0.004371
27	-1.22E-05	8.50E-07	-0.004371
6.01E-07	-1.59E-07	1.59E-07	-0.002966
28	-1.22E-05	3.90E-07	-0.002966
-2.54E-07	-0.000264	-1.68E-07	-0.001737
29	-1.23E-05	-8.17E-07	-0.001737
-8.61E-09	-1.51E-07	-0.000780	-0.000780
30	-1.24E-05	-1.63E-06	-0.000780
1.16E-07	-0.000156	-1.66E-07	
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JOINT DISPLACEMENTS			
TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES			
JOINT	U1	U2	U3
R1	R2	R3	
8.68E-07	-1.24E-05	-2.52E-06	-0.000182
12	-1.24E-05	-1.93E-07	-6.72E-08
1.98E-06	-1.24E-05	-3.25E-06	-1.39E-05
33	-1.25E-05	-4.07E-06	-1.39E-05
3.72E-06	3.20E-05	-2.43E-07	-0.000379
34	-1.25E-05	-5.32E-06	-0.000379
7.07E-06	-1.17E-05	-6.48E-06	-0.001124
35	-1.26E-05	-6.48E-06	-0.001124
1.05E-05	0.000180	-2.05E-07	-0.002175
36	-1.27E-05	-7.35E-06	-0.002175
1.35E-05	-0.000133	3.17E-07	-0.003455
37	-1.28E-05	-7.80E-06	-0.003455
1.57E-05	0.000269	-4.35E-08	-0.004859
38	-1.15E-05	-7.80E-06	-0.004859
1.68E-05	0.000182	-7.80E-08	-0.006273
39	-1.30E-05	-7.36E-06	-0.006273
1.67E-05	0.000273	1.32E-07	-0.007590
40	-1.30E-05	-6.48E-06	-0.007590
1.53E-05	0.000244	2.27E-07	-0.008719
41	-1.31E-05	-5.04E-06	-0.008719
1.26E-05	0.000199	3.43E-07	-0.009580
42	-1.31E-05	-2.96E-06	-0.009580
8.42E-06	0.000140	4.89E-07	-0.010000
43	-1.30E-05	-1.05E-06	-0.010000
4.68E-06	9.70E-05	5.91E-07	-0.010329
44	-1.30E-05	2.71E-07	-0.010329
-1.84E-06	3.26E-05	1.19E-07	-0.010319
45	-1.28E-05	6.13E-06	-0.010319
-9.66E-06	-3.64E-05	8.01E-07	-0.009958
-1.77E-05	-0.000103	8.22E-07	-0.009273
-2.52E-05	-0.000164	7.92E-07	-0.008293
-3.17E-05	-0.000219	7.30E-07	-0.007060
49	-1.19E-05	2.17E-05	-0.005623
-3.70E-05	-0.000264	6.51E-07	-0.005623
50	-1.17E-05	2.12E-05	-0.005623
-4.09E-05	-0.000299	5.65E-07	-0.004028
51	-1.16E-05	2.74E-05	-0.004028
-4.36E-05	-0.000325	4.77E-07	-0.002321
52	-1.15E-05	2.29E-05	-0.002321
-4.51E-05	-0.000344	3.90E-07	-0.000541
53	-1.12E-05	3.14E-05	-0.000541
-4.55E-05	-0.000354	3.05E-07	-0.000541
54	-1.12E-05	3.14E-05	-0.000541
-4.54E-05	-0.000354	2.90E-07	-0.010000
55	-1.15E-05	-2.13E-05	-0.008285
4.84E-05	-0.000373	4.28E-07	-0.008285
56	-1.15E-05	-1.94E-05	-0.008285
4.80E-05	-0.000373	4.38E-07	-0.006444
57	-7.63E-06	-1.72E-05	-0.006444
4.62E-05	-0.000354	4.45E-07	-0.004722
58	-1.15E-05	-1.49E-05	-0.004722
4.29E-05	-0.000325	4.47E-07	-0.003177
59	-8.29E-06	-1.27E-05	-0.003177
3.80E-05	-0.000284	1.44E-07	-0.001871
60	-8.63E-06	-1.05E-05	-0.001871
3.14E-05	-0.000231	4.34E-07	-0.000861
61	-8.97E-06	-8.38E-06	-0.000861
2.36E-05	-0.000168	1.42E-07	-0.000190
62	-9.30E-06	-6.34E-06	-0.000190
1.49E-05	-9.56E-05	4.04E-07	-0.000190
63	-9.61E-06	-4.38E-06	-0.000190
6.17E-06	-1.12E-05	3.33E-07	-0.000190
64	-9.85E-06	-2.58E-06	-0.000190
-1.50E-06	5.73E-05	3.37E-07	-0.000292
65	-1.01E-05	-1.48E-06	-0.000292
-6.16E-06	0.000109	2.98E-07	-0.001018
66	-1.03E-05	-1.09E-07	-0.001018
-1.15E-05	0.000179	2.56E-07	-0.002062
67	-1.05E-05	1.04E-06	-0.002062
-1.51E-05	0.000234	2.10E-07	-0.003334
68	-1.06E-05	1.95E-06	-0.003334
-1.73E-05	0.000270	1.59E-07	-0.004744
69	-1.08E-05	2.60E-06	-0.004744
-1.79E-05	0.000287	1.09E-07	-0.006175
70	-1.09E-05	3.02E-06	-0.006175
-1.71E-05	0.000279	6.63E-08	-0.007511
-1.51E-05	0.000249	3.26E-06	-0.007511
72	-1.10E-05	3.35E-06	-0.008639
-1.20E-05	0.000198	7.06E-09	-0.009474
73	-1.10E-05	3.31E-06	-0.009474
-8.34E-06	0.000131	6.35E-08	-0.009929
74	-1.10E-05	3.15E-06	-0.009929
-4.63E-06	4.95E-05	-4.15E-08	-0.010000
75	-1.10E-05	2.99E-06	-0.010000
-2.50E-06	0.000146	5.44E-08	-0.009866
76	-1.09E-05	2.84E-06	-0.009866
-9.03E-07	-6.77E-05	-4.60E-08	-0.009321
77	-1.08E-05	2.58E-06	-0.009321
4.85E-07	-2.26E-08	3.02E-07	-0.008046
78	-1.06E-05	2.24E-06	-0.008046
1.04E-06	-0.000214	-7.71E-08	-0.007210
79	-1.05E-05	1.84E-06	-0.007210
1.13E-06	-0.000161	6.85E-08	-0.005826
80	-1.04E-05	1.39E-06	-0.005826
9.37E-07	-0.000287	-9.64E-08	
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JOINT DISPLACEMENTS				
TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES				
JOINT	U1	U2	U3	
R1	R2	R3		
6.16E-07	-1.03E-05	8.84E-07	-0.004372	
82	-1.02E-05	2.92E-07	-0.002972	
2.66E-07	-0.000266	-1.30E-07	-0.001745	
5.54E-08	-0.000221	-1.09E-07	-0.000785	
84	-1.01E-05	-1.17E-06	-0.000785	
1.75E-07	-0.000158	-1.61E-07	-0.000182	
1.04E-06	-8.55E-05	-2.00E-06	-8.42E-08	
86	-1.01E-05	-2.63E-06	-0.000380	
2.25E-06	-2.35E-05	-3.89E-07	-1.83E-05	
87	-1.00E-05	-3.33E-06	-0.000394	
3.99E-06	-3.40E-05	-2.02E-07	-0.000394	
88	-1.01E-05	-4.32E-06	-0.000394	
7.24E-06	0.000115	-1.91E-07	-0.001147	
89	-1.01E-05	-5.23E-06	-0.001147	
1.06E-05	-0.000183	-1.66E-07	-0.002201	
90	-1.00E-05	-5.99E-06	-0.002201	
1.35E-05	-0.000235	-1.31E-07	-0.003479	
91	-1.00E-05	-6.54E-06	-0.003479	
1.57E-05	-0.000270	-8.18E-08	-0.004878	
92	-9.92E-06	-6.81E-06	-0.004878	
1.68E-05	0.000283	-1.42E-08	-0.006286	
93	-9.80E-06	-6.89E-06	-0.006286	
1.67E-05	-9.64E-06	-7.04E-08	-0.007599	
94	-9.64E-06	-6.12E-06	-0.007599	
1.52E-05	-9.44E-06	-7.23E-07	-0.008727	
95	-9.44E-06	-5.08E-06	-0.008727	
1.24E-05	-0.000200	-2.60E-07	-0.009586	
96	-9.20E-06	-3.55E-06	-0.009586	
8.05E-06	-0.000140	3.60E-07	-0.010000	
97	-9.00E-06	-2.16E-06	-0.010000	
4.11E-06	-9.54E-05	4.42E-07	-0.010312	
98	-8.67E-06	3.21E-07	-0.010312	
-2.48E-06	2.88E-05	5.47E-07	-0.010280	
99	-8.27E-06	3.22E-06	-0.010280	
-1.00E-05	-0.000380	6.15E-07	-0.009901	
100	-7.83E-06	6.41E-06	-0.009901	
-1.82E-05	-0.000107	6.65E-07	-0.009205	
101	-7.35E-06	9.82E-06	-0.009205	
-2.55E-05	-0.000167	7.02E-07	-0.008221	
102	-6.85E-06	1.34E-05	-0.008221	
-3.13E-05	-0.000243	7.23E-07	-0.006991	
103	-6.34E-06	1.70E-05	-0.006991	
-3.70E-05	-0.000264	7.22E-07	-0.005563	
104	-5.84E-06	2.05E-05	-0.005563	
-4.09E-05	-0.000299	7.08E-07	-0.003983	
105	-5.35E-06	2.40E-05	-0.003983	
-4.34E-05	-0.000325	6.74E-07	-0.002294	
106	-4.89E-06	2.72E-05	-0.002294	
-4.49E-05	-0.000343	6.33E-07	-0.000534	
107	-4.46E-06	3.03E-05	-0.000534	
-4.52E-05	-0.000352	5.78E-07	-0.000534	
-4.51E-05	-0.000352	5.67E-07	-0.000534	
108	-9.00E-06	-2.14E-05	-0.010000	
109	-9.00E-06	-2.14E-05	-0.010000	
4.75E-05	-0.000380	-3.82E-05	-0.008277	
110	-9.16E-06	-2.01E-05	-0.008277	
7.48E-05	-0.000373	-2.84E-05	-0.006427	
111	-9.35E-06	-1.84E-05	-0.006427	
4.62E-05	-0.000354	-2.85E-05	-0.004698	
112	-9.56E-06	-1.65E-05	-0.004698	
4.29E-05	-0.000325	-2.60E-05	-0.003149	
3.77E-05	-9.77E-06	-1.45E-05	-0.003149	
114	-9.99E-06	-1.23E-05	-0.001843	
3.05E-05	-0.000230	-1.83E-05	-0.000837	
2.12E-05	-1.02E-05	-9.96E-06	-0.000837	
116	-1.04E-05	-7.32E-05	-0.000174	
1.10E-05	-9.38E-05	-7.38E-06	0.000106	
2.17E-07	-1.06E-05	-5.22E-06	0.000106	
118	-1.08E-05	-3.10E-06	4.59E-07	
-8.60E-06	5.74E-05	4.53E-06	-0.000293	
119	-1.09E-05	-1.78E-06	-0.000293	
-1.25E-05	-0.000108	6.18E-06	-0.001019	
120	-1.10E-05	-2.26E-07	-0.001019	
-1.58E-05	0.000177	1.47E-05	-0.002062	
121	-1.11E-05	1.05E-06	-0.002062	
-1.76E-05	0.000233	3.91E-05	-0.003337	
122	-1.11E-05	2.10E-05	-0.003337	
-1.83E-05	0.000270	2.20E-05	-0.004749	
123	-1.12E-05	2.90E-06	-0.004749	
-1.82E-05	0.000286	2.34E-05	-0.004749	
124	-1.12E-05	3.47E-05	-0.006183	
-1.69E-05	0.000279	2.28E-05	-0.007521	
125	-1.12E-05	3.79E-06	-0.007521	
-1.48E-05	0.000248	-2.98E-05	-0.008648	
126	-1.12E-05	3.89E-06	-0.008648	
-9.76E-06	0.000197	1.61E-05	-0.009480	
127	-1.12E-05	3.78E-06	-0.009480	
-4.38E-06	0.000130	5.53E-06	-0.009931	
128	-1.12E-05	3.53E-06	-0.009931	
9.91E-07	-4.88E-05	3.63E-06	-0.010000	
129	-1.12E-05	3.34E-06	-0.010000	
3.78E-06	-1.03E-06	7.65E-07	-0.009866	
130	-1.12E-05	3.15E-06	-0.009866	
Program	-6.70E-05	-4.78E-06		
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27				
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TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES				
JOINT	U1	U2	U3	
R1	R2	R3		
4.57E-06	-1.12E-05	2.89E-06	-0.009325	
131	-1.00E-05	-1.18E-05	-0.008411	
3.39E-06	-1.00E-05	2.57E-05	-0.007215	
133	-1.12E-05	2.09E-06	-0.007215	
2.19E-06	-0.000260	-2.08E-05	-0.005828	
134	-1.00E-05	-2.29E-05	-0.005828	
1.24E-06	-0.000287	-2.29E-05	-0.004371	
135	-1.12E-05	8.64E-07	-0.004371	
3.27E-07	-0.000288	-2.30E-05	-0.002969	
137	-1.12E-05	-6.22E-07	-0.001741	
-2.23E-06	-0.000220	-1.74E-05	-0.000782	
-7.72E-07	-0.000265	-2.11E-05	-0.000782	
138	-1.12E-05	-1.73E-05	-0.000782	
-2.82E-06	-0.000157	-1.23E-05	-0.000182	
139	-1.12E-05	-2.28E-06	-0.000182	
-4.84E-06	-1.89E-05	-4.43E-06	-0.000182	
-3.98E-06	-2.36E-05	-1.21E-06	-0.000182	
141	-1.13E-05	-3.72E-06	-0.000182	
-1.69E-06	-1.32E-05	-8.93E-06	-0.000386	
142	-1.13E-05	-4.85E-06	-0.000386	
143	-1.00E-05	-9.74E-06	-0.001136	
144	-1.13E-05	-5.87E-06	-0.001136	
8.29E-06	-0.000181	7.65E-05	-0.002188	
145	-1.13E-05	-6.68E-06	-0.002188	
1.25E-05	-0.000234	1.95E-05	-0.003467	
146	-1.14E-05	-7.18E-06	-0.003467	
1.54E-05	-1.14E-05	9.74E-05	-0.004868	
136	-1.14E-05	-7.31E-06	-0.004868	
1.71E-05	-0.000283	2.35E-05	-0.006280	
147	-1.13E-05	-7.02E-06	-0.006280	
1.77E-05	-0.000274	7.65E-05	-0.007595	
148	-1.13E-05	-6.28E-06	-0.007595	
1.75E-05	-0.000245	2.04E-05	-0.008723	
149	-1.12E-05	-5.03E-06	-0.008723	
1.68E-05	-1.00E-05	-2.98E-05	-0.009583	
150	-1.11E-05	-3.24E-06	-0.009583	
1.40E-05	-0.000140	1.09E-05	-0.010000	
151	-1.00E-05	-1.55E-06	-0.010000	
9.97E-06	-0.000107	1.33E-06	-0.010321	
152	-1.08E-05	-1.93E-06	-0.010321	
3.04E-06	-3.02E-05	3.10E-06	-0.010321	
153	-1.05E-05	4.70E-06	-0.010321	
-6.46E-06	-1.03E-05	-7.65E-07	-0.010321	

1.69E-05

-0.000279

-2.28E-05

1.25E-05

1.12E-05

-3.79E-06

-0.002479

1.40E-05

-0.000248

-2.02E-05

1.26E-05

1.12E-05

-3.89E-06

-0.001352

9.76E-06

1.12E-05

-3.89E-06

-0.000520

4.39E-06

-0.000130

-1.07E-05

128

1.12E-05

-3.53E-06

-6.88E-05

-9.91E-07

1.12E-05

-3.46E-06

2.40E-07

-7.33E-06

9.16E-06

5.50E-07

-4.84E-06

1.12E-05

-3.15E-06

-0.000134

131

1.12E-05

-2.89E-06

-0.000675

-4.57E-06

0.000147

1.18E-05

132

1.12E-05

-2.54E-06

-0.001589

-3.38E-06

4.00E-06

1.29E-05

133

1.12E-05

-2.09E-06

-0.002785

-2.19E-06

0.000260

2.08E-05

134

1.12E-05

-1.52E-06

-0.004172

-1.24E-06

0.000287

2.29E-05

135

1.12E-05

-8.64E-07

-0.005629

-3.27E-07

0.000288

2.30E-05

136

1.12E-05

-1.34E-07

-0.007031

7.72E-07

4.00E-06

6.22E-07

-0.008259

2.23E-06

0.000220

1.74E-05

138

1.12E-05

1.42E-06

-0.009218

3.82E-06

1.12E-05

1.42E-06

-0.009218

139

1.12E-05

2.28E-06

-0.009818

4.64E-06

7.99E-05

5.43E-06

3.98E-06

1.12E-05

2.98E-06

-0.010000

140

1.12E-05

2.98E-06

-0.010000

1.68E-06

-3.32E-05

-

142

1.13E-05

4.85E-06

-0.009614

3.21E-06

-0.000113

5.87E-06

-0.008864

8.29E-06

-0.000181

-1.52E-05

144

1.13E-05

6.18E-06

-0.007812

1.25E-05

-0.000234

7.68E-05

-0.006753

145

1.14E-05

5.05E-05

-0.006885

-1.54E-05

-0.000270

-2.21E-05

146

1.14E-05

-7.34E-06

-0.005132

-1.71E-05

-0.000283

-2.52E-05

-1.47E-05

1.13E-05

7.02E-06

-0.003720

-1.77E-05

-0.000274

-2.27E-05

148

1.13E-05

6.28E-06

-0.002405

-1.75E-05

-0.000245

-2.04E-05

149

1.12E-05

5.03E-06

-0.001277

-1.65E-05

-0.000199

-1.68E-05

150

1.11E-05

3.24E-06

-0.000417

-1.40E-05

1.10E-05

3.24E-06

-0.000417

151

1.10E-05

1.55E-06

4.82E-07

-1.08E-05

-9.57E-05

-7.69E-06

-0.000321

152

1.08E-05

-1.13E-06

-0.000321

-3.04E-06

-3.04E-06

-1.03E-06

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT

R1

R2

R3

U1

U2

U3

153

1.05E-05

-4.70E-06

0.000300

6.61E-06

3.89E-05

2.58E-06

154

1.02E-05

-8.36E-06

-7.00E-05

1.61E-05

0.000105

7.95E-06

155

9.91E-06

1.28E-05

-0.000761

2.45E-05

0.000166

1.28E-05

156

9.56E-06

-1.58E-05

-0.001743

3.15E-05

0.000219

1.71E-05

157

9.1E-06

-1.93E-05

-0.002974

3.70E-05

0.000264

2.07E-05

158

8.87E-06

-2.27E-05

-0.004407

4.10E-05

0.000299

2.34E-05

159

8.53E-06

-2.57E-05

-0.005994

4.35E-05

0.000325

2.54E-05

160

8.22E-06

-2.84E-05

-0.007693

4.47E-05

0.000343

2.77E-05

161

7.89E-06

-3.10E-05

-0.009463

4.45E-05

0.000353

2.73E-05

162

7.90E-06

-3.07E-05

-0.010000

4.40E-05

0.000353

2.28E-05

-4.80E-05

-0.000409

-3.12E-05

-0.000000

164

8.12E-05

1.28E-05

-0.010000

6.94E-06

-5.83E-05

-4.51E-07

165

-2.54E-07

-9.20E-07

-0.000000

2.54E-06

9.46E-06

6.34E-06

166

-1.60E-05

3.19E-06

-0.010000

1.47E-06

2.39E-05

2.21E-07

167

0.000161

-9.10E-05

-0.000000

-9.34E-06

-9.67E-05

-5.91E-07

168

-0.000378

1.78E-05

-0.010000

4.51E-05

0.000354

-2.90E-07

-1.88E-05

0.000382

-4.28E-07

170

7.87E-05

-2.00E-22

-0.010000

-1.69E-06

-5.73E-05

-3.37E-07

171

-0.000000

-0.000000

-0.000000

2.77E-06

9.08E-06

4.44E-08

172

-1.81E-05

1.51E-24

-0.010000

-2.16E-06

-0.35E-05

1.89E-07

-1.97E-06

-9.54E-05

-4.42E-07

174

-0.000384

2.17E-21

-0.010000

2.81E-05

0.000354

-5.67E-07

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT

R1

R2

R3

U1

U2

U3

1

0.000190

2.16E-05

1.15E-08

4.87E-05

0.000380

1.74E-07

4.82E-05

0.000194

2.08E-05

3

0.000190

1.96E-05

0.000821

4.63E-05

0.000355

2.56E-07

4.29E-05

0.000190

1.81E-05

0.001165

3.79E-05

0.000283

4.01E-07

0.001407

6

0.000190

1.41E-05

0.001510

3.12E-05

0.000198

4.00E-07

0.001441

7

0.000190

1.26E-05

0.001441

2.32E-05

0.000174

5.33E-07

0.001177

9

0.000191

1.6E-05

0.001177

1.76E-05

0.000114

5.53E-07

1.60E-08

9

0.000191

1.05E-05

0.000697

1.37E-05

0.000117

5.23E-07

1.05E-05

0.000158

4.47E-07

11

0.000191

8.47E-06

0.000363

8.69E-06

0.000186

3.88E-07

1.16E-05

0.000191

7.00E-06

0.000755

13

0.000191

6.09E-06

0.000995

1.52E-05

0.000248

2.51E-07

0.001106

1.72E-05

0.000191

5.08E-06

0.001106

15

0.000191

5.26E-06

0.001362

1.79E-05

0.000286

1.69E-07

0.001523

17

0.000191

5.26E-06

0.001523

1.50E-05

0.000247

1.08E-07

0.001402

1.19E-05

0.000196

1.08E-07

0.001065

8.29E-06

0.000128

1.01E-07

0.000513

21

0.000191

3.86E-06

1.52E-08

5.93E-06

0.000159

7.71E-08

5.35E-06

0.000187

6.39E-08

0.000509

23

0.000191

4.33E-06

0.001056

4.89E-06

0.000222

9.10E-08

0.001392

4.66E-06

0.000148

9.40E-08

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TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT

R1

R2

R3

U1

U2

U3

75

0.000191

3.99E-06

1.58E-08

6.06E-06

0.000159

4.44E-08

0.000503

5.44E-06

0.000187

4.90E-08

0.001040

77

0.000191

3.72E-06

0.001040

4.92E-06

0.000223

6.22E-08

0.001367

78

0.000191

3.61E-06

0.001367

4.68E-06

0.000189

4.04E-08

0.001484

79

0.000191

3.62E-06

0.001509

4.49E-06

0.000262

8.68E-08

0.001484

80

0.000191

4.04E-06

0.001484

4.27E-06

0.000191

4.23E-06

0.001389

4.08E-06

0.000289

1.11E-07

0.001413

4.08E-06

0.000191

4.33E-06

0.001413

83

0.000191

4.29E-06

0.001281

4.02E-06

0.000221

1.49E-07

0.000974

3.99E-06

0.000191

4.10E-06

0.000974

85

0.000191

3.73E-06

0.000471

4.24E-06

0.000120

1.72E-07

1.68E-08

13

0.000191

3.74E-06

1.68E-08

6.68E-06

0.000188

8.9E-07

0.000515

87

0.000192

4.06E-06

0.000515

5.37E-06

0.000174

2.02E-07

0.001067

7.24E-06

0.000268

4.61E-06

0.001067

89

0.000192

5.23E-06

0.001407

1.06E-05

0.000234

1.66E-07

0.001557

1.35E-05

0.000248

5.99E-07

0.001557

91

0.000192

6.54E-06

0.001536

1.57E-05

0.000270

1.48E-07

0.001380

1.68E-05

0.000283

1.59E-07

0.001128

93

0.000192

6.69E-06

0.001128

1.67E-05

0.000274

2.18E-07

0.000820

2.1E-05

0.000419

6.27E-07

152F-05

0.000246

7.79E-07

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT

R1

R2

R3

U1

U2

U3

108

0.000191

3.99E-06

1.58E-08

8.15E-06

0.000191

4.09E-06

0.000503

1.21E-05

0.000191

4.09E-06

0.001040

154

0.000190

1.13E-05

0.001685

1.62E-05

0.000161

1.19E-05

0.001851

2.45E-05

0.000190

1.45E-05

0.001851

3.15E-05

0.000219

1.77E-05

0.001851

3.70E-05

0.000190

2.07E-05

0.001416

4.10E-05

0.000299

2.34E-05

0.001051

4.35E-05

0.000325

2.54E-05

0.000619

4.47E-05

0.000343

2.77E-05

0.000619

4.45E-05

0.000353

2.73E-05

0.000619

161

0.000189

3.10E-05

2.39E-07

4.44E-05

0.000353

2.28E-05

0.000000

4.80E-05

0.000380

3.12E-05

0.000000

164

0.000245

3.46E-05

0.000000

2.00E-05

0.000156

4.51E-05

0.000000

2.54E-06

0.000159

1.10E-08

0.000000

166

0.000192

3.44E-05

0.000000

2.57E-05

0.000146

2.32E-07

0.000000

1.21E-05

0.000191

5.91E-05

0.000000

168

0.000378

1.78E-05

0.000000

4.51E-05

0.000354

2.90E-07

0.000000

1.88E-05

0.000382

-4.28E-07

0.000000

170

7.87E-05

-2.00E-22

-0.010000

-1.69E-06

-5.73E-05

-3.37E-07

0.000000

171

-0.000000

-0.000000

-0.000000

2.77E-06

9.08E-06

4.44E-08

0.000000

172

-1.81E-05

1.51E-24

-0.010000

-2.16E-06

-0.35E-05

1.89E-07

0.000000

-1.97E-06

-9.54E-05

-4.42E-07

0.000000

174

-0.000384

2.17E-21

-0.010000

2.81E-05

0.000354

-5.67E-07

0.000000

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT

R1

R2

R3

U1

U2

U3

1

0.000189

-2.16E-05

-0.007060

-3.70E-05

-0.0

67 -0.000190 -8.40E-06 -0.008756
-1.80E-05 -0.000234 -1.0E-07 -0.007800
-1.85E-05 -0.000270 -1.59E-07 -0.00654
69 -0.000189 -8.56E-06 -0.006654
-1.79E-05 -0.000287 -1.0E-07 -0.006718
70 -0.000189 -8.42E-06 -0.006718
-1.71E-05 -0.000279 -9.50E-08 -0.007869
71 -0.000189 -8.21E-06 -0.007869
-1.51E-05 -0.000260 -8.01E-08 -0.008821
72 -0.000189 -7.95E-06 -0.008821
-1.20E-05 -0.000247 -6.44E-08 -0.009522
73 -0.000189 -7.69E-06 -0.009522
-8.34E-06 -0.000221 -4.68E-08 -0.009929
74 -0.000189 -7.43E-06 -0.009929
-4.63E-06 -0.000185 -6.85E-08 -0.010000
75 -0.000189 -7.27E-06 -0.010000
-3.33E-06 -0.000159 -8.57E-08 -0.009924
76 -0.000189 -7.12E-06 -0.009924
-4.16E-06 -0.000129 -1.02E-07 -0.009538
77 -0.000189 -6.88E-06 -0.009538
-4.85E-06 -0.000148 -1.16E-07 -0.008846
78 -0.000189 -6.58E-06 -0.008846
-5.01E-06 -0.000214 -1.22E-07 -0.007900
79 -0.000189 -6.21E-06 -0.007900
-4.81E-06 -0.000261 -1.23E-07 -0.006754
80 -0.000189 -5.78E-06 -0.006754
-4.32E-06 -0.000287 -1.19E-07 -0.006700
81 -0.000189 -5.29E-06 -0.006700
-3.63E-06 -0.000289 -1.12E-07 -0.007855
82 -0.000189 -5.28E-06 -0.007855
-3.04E-06 -0.000266 -1.30E-07 -0.008806
83 -0.000189 -5.74E-06 -0.008806
-3.32E-06 -0.000189 -1.23E-07 -0.009509
84 -0.000189 -6.11E-06 -0.009509
-3.32E-06 -0.000226 -1.61E-07 -0.009910
85 -0.000189 -6.34E-06 -0.009910
-2.87E-06 -0.000189 -6.43E-06 -0.010000
86 -0.000189 -6.43E-06 -0.010000
-2.56E-06 -0.000161 -1.89E-07 -0.009982
87 -0.000189 -6.49E-06 -0.009982
-3.99E-06 -0.000132 -6.49E-06 -0.009606
88 -0.000189 -1.91E-07 -0.009606
-7.24E-06 -0.000189 -6.38E-06 -0.008889
89 -0.000189 -6.38E-06 -0.008889
-1.06E-05 -0.000183 -1.58E-07 -0.007963
90 -0.000189 -6.12E-06 -0.007963
-1.35E-05 -0.000235 -1.68E-07 -0.006832
91 -0.000189 -6.54E-06 -0.006832
-1.57E-05 -0.000189 -5.16E-07 -0.006342
92 -0.000189 -6.81E-06 -0.006342
-1.68E-05 -0.000283 -1.71E-07 -0.007483
93 -0.000189 -6.69E-06 -0.007483
-1.71E-05 -0.000274 -1.96E-07 -0.008469
94 -0.000189 -6.12E-06 -0.008469
-1.68E-05 -0.000253 -2.19E-07 -0.009253
95 -0.000189 -5.27E-06 -0.009253
-1.56E-05 -0.000230 -2.40E-07 -0.009787
96 -0.000189 -6.50E-06 -0.009787
-1.33E-05 -0.000197 -3.60E-07 -0.010000
97 -0.000189 -7.41E-06 -0.010000
-1.11E-05 -0.000171 -8.84E-07 -0.010312
98 -0.000189 -8.84E-06 -0.010312
-7.53E-06 -0.000131 -5.47E-07 -0.008900
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT U1 U2 U3
R1 R2 R3
99 -0.000189 -1.03E-05 -0.010280
-1.11E-05 -9.02E-05 -6.15E-07 -0.009901
100 -0.000189 -1.19E-05 -6.55E-07 -0.009901
-1.82E-05 -0.000123 -1.34E-05 -0.009205
101 -0.000189 -7.02E-07 -0.008221
-2.55E-05 -0.000172 -1.49E-06 -0.008221
102 -0.000189 -2.21E-07 -0.008221
-3.19E-05 -0.000220 -1.70E-05 -0.006991
103 -0.000189 -7.22E-07 -0.006991
-3.70E-05 -0.000264 -2.05E-06 -0.005953
104 -0.000189 -2.05E-06 -0.005953
-4.09E-05 -0.000299 -2.40E-05 -0.007142
105 -0.000189 -6.74E-07 -0.007142
-4.34E-05 -0.000325 -5.33E-07 -0.008369
106 -0.000189 -5.33E-07 -0.008369
-4.49E-05 -0.000343 -3.03E-05 -0.009622
107 -0.000189 -5.78E-07 -0.009622
-4.52E-05 -0.000352 -5.78E-07 -0.010000
108 -0.000189 -5.67E-07 -0.010000
-4.51E-05 -0.000352 -2.14E-05 -0.010000
109 -0.000189 -3.82E-05 -0.008710
-4.75E-05 -0.000380 -2.40E-05 -0.008710
110 -0.000189 -2.84E-05 -0.007301
-4.78E-05 -0.000373 -1.84E-05 -0.007301
111 -0.000189 -1.84E-05 -0.007301
-4.62E-05 -0.000354 -1.84E-05 -0.005941
112 -0.000189 -1.84E-05 -0.005941
-4.29E-05 -0.000325 -2.60E-05 -0.006851
113 -0.000189 -1.45E-05 -0.006851
-3.77E-05 -0.000283 -1.23E-05 -0.008157
114 -0.000189 -1.23E-05 -0.008157
-3.05E-05 -0.000230 -1.83E-05 -0.009163
115 -0.000189 -9.96E-06 -0.009163
-2.15E-05 -0.000200 -1.57E-05 -0.009826
116 -0.000189 -7.56E-06 -0.009826
-1.18E-05 -0.000172 -1.34E-05 -0.010106
117 -0.000189 -5.63E-06 -0.010106
-1.03E-05 -0.000142 -1.11E-05 -0.010001
118 -0.000189 -6.68E-06 -0.010001
-1.49E-05 -0.000113 -7.89E-06 -0.009893
119 -0.000189 -7.18E-06 -0.009893
-1.69E-05 -0.000108 -8.18E-06 -0.009476
120 -0.000189 -7.62E-06 -0.009476
-1.85E-05 -0.000177 -1.47E-05 -0.008765
121 -0.000189 -7.84E-06 -0.008765
-1.92E-05 -0.000233 -1.91E-05 -0.007811
122 -0.000189 -7.93E-06 -0.007811
-1.90E-05 -0.000270 -2.20E-05 -0.006665
123 -0.000189 -7.92E-06 -0.006665
-1.82E-05 -0.000286 -2.34E-05 -0.006730
124 -0.000189 -7.86E-06 -0.006730
-1.69E-05 -0.000279 -2.28E-05 -0.007881
125 -0.000189 -7.76E-06 -0.007881
-1.40E-05 -0.000259 -2.10E-05 -0.008831
126 -0.000189 -7.66E-06 -0.008831
-9.76E-06 -0.000246 -1.99E-05 -0.009528
127 -0.000189 -7.55E-06 -0.009528
-4.39E-06 -0.000221 -1.79E-05 -0.009931
128 -0.000189 -7.44E-06 -0.009931
-5.00E-06 -0.000185 -1.37E-05 -0.010000
129 -0.000189 -7.45E-06 -0.010000
-6.43E-06 -0.000158 -1.06E-05 -0.009926
130 -0.000189 -7.48E-06 -0.009926
-7.01E-06 -0.000129 -9.58E-06 -0.009544
131 -0.000189 -7.45E-06 -0.009544
-6.86E-06 -0.000119 -8.00E-06 -0.008856
132 -0.000189 -7.35E-06 -0.008856
-6.15E-06 -0.000113 -7.0E-06 -0.007913
133 -0.000189 -7.12E-06 -0.007913
-5.31E-06 -0.000080 -6.08E-06 -0.006766
134 -0.000189 -6.72E-06 -0.006766
-4.40E-06 -0.000287 -2.29E-05 -0.006719
135 -0.000189 -6.17E-06 -0.006719
-3.29E-06 -0.000189 -2.30E-05 -0.007867
136 -0.000189 -6.11E-06 -0.007867
-3.55E-06 -0.000265 -2.11E-05 -0.008815
137 -0.000189 -6.44E-06 -0.008815
-4.46E-06 -0.000251 -2.00E-05 -0.009514
138 -0.000189 -6.61E-06 -0.009514
-5.33E-06 -0.000225 -1.80E-05 -0.009912
139 -0.000189 -6.65E-06 -0.009912
-5.74E-06 -0.000189 -1.37E-05 -0.010000
140 -0.000189 -6.60E-06 -0.010000
-5.35E-06 -0.000162 -1.06E-05 -0.009984
141 -0.000189 -6.51E-06 -0.009984
-4.13E-06 -0.000132 -9.74E-06 -0.009614
142 -0.000189 -6.40E-06 -0.009614
-3.21E-06 -0.000113 -9.74E-06 -0.008900
143 -0.000189 -6.17E-06 -0.008900
-8.29E-06 -0.000181 -1.52E-05 -0.008900

144 -0.000189 -6.68E-06 -0.007976
-1.25E-05 -0.000234 -1.95E-05 -0.006846
145 -0.000189 -7.18E-06 -0.006846
-1.54E-05 -0.000270 -2.24E-05 -0.006349
146 -0.000189 -7.31E-06 -0.006349
-1.71E-05 -0.000283 -2.35E-05 -0.007491
147 -0.000189 -7.02E-06 -0.007491
-1.77E-05 -0.000274 -2.27E-05 -0.008475
148 -0.000189 -6.28E-06 -0.008475
-1.80E-05 -0.000253 -2.04E-05 -0.008475
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT U1 U2 U3
R1 R2 R3
149 -0.000189 -5.73E-06 -0.009255
-1.77E-05 -0.000230 -6.93E-05 -0.009787
150 -0.000189 -6.93E-05 -0.009787
-1.64E-05 -0.000197 -1.41E-05 -0.010001
151 -0.000189 -7.85E-06 -0.010001
-1.47E-05 -0.000171 -9.36E-05 -0.010321
152 -0.000189 -9.36E-05 -0.010321
-1.05E-05 -0.000132 -1.03E-05 -0.010300
153 -0.000189 -1.10E-05 -0.010300
-7.61E-06 -9.10E-05 -6.51E-06 -0.009300
154 -0.000189 -1.27E-05 -0.009300
-1.61E-05 -0.000122 -9.40E-06 -0.009239
155 -0.000189 -1.43E-05 -0.009239
-2.45E-05 -0.000171 -1.59E-05 -0.008257
156 -0.000189 -1.59E-05 -0.008257
-3.15E-05 -0.000219 -1.71E-05 -0.007026
157 -0.000189 -1.93E-05 -0.007026
-3.70E-05 -0.000264 -2.27E-05 -0.005945
158 -0.000189 -2.27E-05 -0.005945
-4.10E-05 -0.000299 -2.34E-05 -0.007135
159 -0.000189 -2.57E-05 -0.007135
-4.35E-05 -0.000325 -2.54E-05 -0.008366
160 -0.000189 -2.84E-05 -0.008366
-4.47E-05 -0.000343 -2.77E-05 -0.009621
161 -0.000189 -3.12E-05 -0.009621
-4.45E-05 -0.000353 -3.12E-05 -0.010000
162 -0.000189 -3.10E-05 -0.010000
-4.40E-05 -0.000353 -2.28E-05 -0.010000
163 -0.000189 -4.41E-05 -0.010000
-4.80E-05 -0.000380 -4.70E-07 -0.010000
164 -0.000189 -2.69E-05 -0.010000
-2.48E-05 -0.000111 -4.51E-07 -0.010000
165 -0.000189 -9.20E-07 -0.010000
-2.50E-06 -0.000058 -1.47E-07 -0.010000
166 -0.000189 -2.77E-05 -0.010000
-2.56E-05 -0.000160 -2.21E-07 -0.010000
167 -0.000189 -2.85E-05 -0.010000
-1.96E-05 -0.000171 -5.91E-07 -0.010000
168 -0.000189 -1.78E-05 -0.010000
-4.51E-05 -0.000354 -2.99E-07 -0.010000
169 -0.000189 -1.00E-05 -0.010000
-1.88E-05 -0.000382 -1.29E-07 -0.010000
170 -0.000189 -2.58E-06 -0.010000
-2.84E-06 -0.000113 -3.37E-07 -0.010000
171 -0.000189 -8.67E-08 -0.010000
-2.77E-06 -0.000158 -9.33E-07 -0.010000
172 -0.000189 -1.33E-06 -0.010000
-2.79E-06 -0.000161 -1.89E-07 -0.010000
173 -0.000189 -8.13E-07 -0.010000
-7.30E-06 -0.000171 -9.42E-07 -0.010000
174 -0.000189 -1.21E-06 -0.010000
-2.81E-05 -0.000354 -5.67E-07 -0.010000
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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

LOAD -A1-----

JOINT F1 F2 F3
M1 M2 M3
163 0.000000 0.000000 -13.710119
0.000000 0.000000 0.000000 22.915739
164 0.000000 0.000000 22.920279
165 2.127781 0.000000 0.000000 5.991322
0.000000 0.000000 0.000000 -1.644586
166 0.000000 0.000000 0.000000 3.030744
0.000000 0.000000 0.000000 -15.212546
167 0.000000 0.000000 0.000000 38.025667
0.000000 0.000000 0.000000 -21.240028
171 -2.135636 -0.011352 -21.240028
172 0.000000 0.000000 0.000000 6.190558
173 0.000000 0.000000 0.000000 -1.696332
0.000000 0.000000 0.000000 0.269860
174 0.000000 0.000000 0.000000 0.269860
0.000000 0.000000 0.000000

LOAD -P1-----

JOINT F1 F2 F3
M1 M2 M3
163 0.000000 0.000000 30.637782
0.000000 0.000000 0.000000 -58.965729
164 0.000000 0.000000 58.113752
165 0.016881 0.000000 0.000000 -28.149277
0.000000 0.000000 0.000000 7.753085
166 0.000000 0.000000 0.000000 -1.560937
0.000000 0.000000 0.000000 30.303624
167 0.000000 0.000000 0.000000 -88.565224
0.000000 0.000000 0.000000 0.482484
169 0.000000 0.000000 0.000000 -88.565224
170 0.000000 0.000000 0.000000 0.482484
171 -0.016945 0.434419 73.039619
0.000000 0.000000 0.000000 -29.348376
172 0.000000 0.000000 0.000000 8.015076
0.000000 0.000000 0.000000 -1.273396
173 0.000000 0.000000 0.000000 0.269860
174 0.000000 0.000000 0.000000 0.269860
0.000000 0.000000 0.000000

LOAD -P2-----

JOINT F1 F2 F3
M1 M2 M3
163 0.000000 0.000000 -21.982830
0.000000 0.000000 0.000000 57.752462
164 0.000000 0.000000 57.752462
165 0.000000 0.000000 0.000000 -75.486471
0.000000 0.000000 0.000000 59.338317
166 0.000000 0.000000 0.000000 -26.451219
0.000000 0.000000 0.000000 3.365529
167 0.000000 0.000000 0.000000 -19.477477
0.000000 0.000000 0.000000 0.509708
169 0.000000 0.000000 0.000000 73.400909
170 0.000000 0.000000 0.000000 -103.302013
171 -0.017356 -0.851247 -103.302013

0.000000 0.000000 0.000000 74.305556
172 0.000000 0.532926 0.000000
0.000000 0.000000 0.000000 -27.858735
173 0.000000 -0.153799 0.000000
0.000000 0.000000 0.000000 4.395972
174 0.000000 0.047507 0.000000
0.000000 0.000000 0.000000
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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

LOAD -P3-----

JOINT F1 F2 F3
M1 M2 M3
163 0.000000 0.000000 6.525269
0.000000 0.000000 0.000000 -28.047153
164 0.000000 0.000000 0.000000 59.363246
0.000000 0.000000 0.000000 -73.319600
165 -0.418542 0.000000 51.830797
0.000000 0.000000 0.000000 -17.936267
166 0.000000 0.000000 0.000000 5.656611
0.000000 0.000000 0.000000 -29.450500
167 0.000000 0.000000 0.000000 74.280627
0.000000 0.000000 0.000000 -101.102458
172 0.000000 -0.871280 0.000000 67.242255
173 0.000000 0.640463 0.000000 -15.042827
174 0.000000 -0.156502 0.000000 0.000000
0.000000 0.000000 0.000000

LOAD -P4-----

JOINT F1 F2 F3
M1 M2 M3
163 0.000000 0.000000 -1.794046
0.000000 0.000000 0.000000 7.769087
164 0.000000 0.000000 0.000000 -26.594820
0.000000 0.000000 0.000000 52.183712
165 -2.540130 0.000000 -47.643220
0.000000 0.000000 0.000000 23.167534
166 0.000000 0.000000 0.000000 -1.546872
0.000000 0.000000 0.000000 7.999073
167 0.000000 0.000000 0.000000 -27.715134
0.000000 0.000000 0.000000 66.889340
172 0.000000 0.374314 0.000000 -74.861921
0.000000 0.000000 0.000000 22.147265
173 0.000000 0.000000 0.000000 0.000000
174 0.000000 0.499299 0.000000 0.000000
0.000000 0.000000 0.000000

LOAD -P5-----

JOINT F1 F2 F3
M1 M2 M3
163 0.000000 0.000000 0.323945
0.000000 0.000000 0.000000 -1.424407
164 0.000000 0.000000 0.000000 4.824572
0.000000 0.000000 0.000000 -16.044474
165 -2.138469 0.000000 16.155143
0.000000 0.000000 0.000000 -9.366604
166 0.000000 0.000000 0.000000 0.276660
0.000000 0.000000 0.000000 -1.409926
167 0.000000 0.000000 0.000000 4.936929
0.000000 0.000000 0.000000 -16.934620
172 0.000000 0.000000 0.000000 29.159657
173 0.000000 0.420916 0.000000 -10.496874
0.000000 0.00

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GLOBAL FORCE BALANCE
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES
LOAD -2N+1-
REL DIST T P M2 M3 V3
0.750000 -0.000464 -0.305866 -0.002378
-0.064640 -0.009480 -0.1042628
1.000000 -0.000464 -0.305866
-0.064640 0.012182 1.390150
LOAD -2N+1-
REL DIST T P M2 M3 V3
0.000000 0.308309 36.930299 -0.026184
1.979711 -0.921393 0.050809
0.250000 0.308309 36.930299 -0.026184
1.979711 -0.921393 0.050809
0.500000 0.308309 36.930299 -0.026184
1.979711 -0.861892 83.868819 -0.026184
0.750000 0.308309 36.930299 -0.026184
1.979711 0.832141 125.826633
1.000000 0.308309 36.930299 -0.026184
1.979711 -0.802391 -167.788447
LOAD -2N+2-
REL DIST T P M2 M3 V3
0.000000 -0.308309 -36.930299 0.026184
-1.979711 0.921393 -0.050809
0.250000 -0.308309 -36.930299 0.026184
1.979711 0.921393 -0.050809
0.500000 -0.308309 -36.930299 0.026184
1.979711 0.861892 83.868819 0.026184
0.750000 -0.308309 -36.930299 0.026184
1.979711 0.832141 125.826633
1.000000 -0.308309 -36.930299 0.026184
1.979711 0.802391 167.788447
COMB SETTLE MAX
REL DIST T P M2 M3 V3
0.000000 0.308309 36.930299 0.045423
3.471065 0.921393 0.050809
0.250000 0.308309 36.930299 0.045423
3.471065 0.891642 41.909005
0.500000 0.308309 36.930299 0.045423
3.471065 0.861892 83.868819 0.045423
0.750000 0.308309 36.930299 0.045423
3.471065 0.832141 125.826633
1.000000 0.308309 36.930299 0.045423
3.471065 0.802391 167.788447
COMB SETTLE MIN
REL DIST T P M2 M3 V3
0.000000 -0.308309 -36.930299 -0.066344
-1.979711 0.921393 -0.050809
0.250000 -0.308309 -36.930299 -0.066344
-1.979711 0.891642 -41.909005
0.500000 -0.308309 -36.930299 -0.066344
-1.979711 0.861892 83.868819 -0.066344
0.750000 -0.308309 -36.930299 -0.066344
-1.979711 0.832141 125.826633
1.000000 -0.308309 -36.930299 -0.066344
-1.979711 0.802391 -167.788447
ELEM 2 = LENGTH
5.048779
LOAD -A1
REL DIST T P M2 M3 V3
0.000000 0.518487 14.445562 -0.143692
-2.938826 -1.892313 -64.474044
0.250000 0.518487 14.445562 -0.143692
-2.938826 -2.007646 -92.707156
0.500000 0.518487 14.445562 -0.143692
-2.938826 -0.826478 -100.940268
0.750000 0.518487 14.445562 -0.143692
-2.938826 -0.645110 -119.173380
1.000000 0.518487 14.445562 -0.143692
-2.938826 -0.463742 -137.406491
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT
< UNEQUAL >
Page SETTLEMENT 45
FRAME ELEMENT INTERNAL FORCES
ELEM 1 = LENGTH
5.444758
LOAD -A1
REL DIST T P M2 M3 V3
0.000000 0.226519 14.209459 -0.066344
-1.831529 -0.677101 0.044688
0.250000 0.226519 14.209459 -0.066344
-1.831529 -0.677101 0.044688
0.500000 0.226519 14.209459 -0.066344
-1.831529 -0.677101 0.044688
0.750000 0.226519 14.209459 -0.066344
-1.831529 -0.677101 0.044688
1.000000 0.226519 14.209459 -0.066344
-1.831529 -0.677101 0.044688
LOAD -P1
REL DIST T P M2 M3 V3
0.000000 -0.285043 -30.431930 0.045423
-0.710951 0.851975 -0.049485
0.250000 -0.285043 -30.431930 0.045423
-0.710951 0.800365 34.268950
0.500000 -0.285043 -30.431930 0.045423
-0.710951 0.748756 69.103386
0.750000 -0.285043 -30.431930 0.045423
-0.710951 0.697147 103.679821
1.000000 -0.285043 -30.431930 0.045423
-0.710951 0.645538 138.256257
LOAD -P2
REL DIST T P M2 M3 V3
0.000000 0.076951 21.021407 0.031336
-3.471065 -0.224982 -46.036017
0.250000 0.076951 21.021407 0.031336
-3.471065 -0.265486 -23.878292
0.500000 0.076951 21.021407 0.031336
-3.471065 -0.301089 -7.182581
0.750000 0.076951 21.021407 0.031336
-3.471065 -0.336693 -71.646880
1.000000 0.076951 21.021407 0.031336
-3.471065 -0.372297 -95.531179
LOAD -P3
REL DIST T P M2 M3 V3
0.000000 -0.022801 -6.192503 -0.016860
-1.204120 -0.068045 -0.001386
0.250000 -0.022801 -6.192503 -0.016860
-1.204120 0.087201 7.034471
0.500000 -0.022801 -6.192503 -0.016860
-1.204120 0.106358 14.070327
0.750000 -0.022801 -6.192503 -0.016860
-1.204120 0.125514 21.106183
1.000000 -0.022801 -6.192503 -0.016860
-1.204120 0.144671 28.142040
LOAD -P4
REL DIST T P M2 M3 V3
0.000000 0.004839 1.699433 0.008823
0.340175 -0.014410 0.000103
0.250000 0.004839 1.699433 0.008823
0.340175 0.024435 -9.30775
0.500000 0.004839 1.699433 0.008823
0.340175 -0.034460 -3.861853
0.750000 0.004839 1.699433 0.008823
0.340175 -0.044485 -5.792531
1.000000 0.004839 1.699433 0.008823
0.340175 -0.054510 -7.723409
LOAD -P5
REL DIST T P M2 M3 V3
0.000000 -0.000464 -0.305866 -0.002378
-0.064640 0.001373 6.23E-05
0.250000 -0.000464 -0.305866 -0.002378
-0.064640 0.004076 0.347584
0.500000 -0.000464 -0.305866 -0.002378
-0.064640 0.006778 0.695106
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL >
Page SETTLEMENT 46
FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.000000 0.702612 36.793834 -0.113157
1.979707 1.900506 167.731284
0.250000 0.702612 36.793834 -0.113157
1.979707 1.757679 214.172267
0.500000 0.702612 36.793834 -0.113157
1.979707 1.614452 280.613251
0.750000 0.702612 36.793834 -0.113157
1.979707 -1.472026 -307.054234
1.000000 0.702612 36.793834 -0.113157
1.979707 -1.329199 -353.495218
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT
< UNEQUAL >
Page SETTLEMENT 48
FRAME ELEMENT INTERNAL FORCES
LOAD -2N+2-
REL DIST T P M2 M3 V3
0.000000 -0.702612 -36.793834 0.113157
1.979707 1.900506 167.731284
0.250000 -0.702612 -36.793834 0.113157
1.979707 1.757679 214.172267
0.500000 -0.702612 -36.793834 0.113157
1.979707 1.614452 280.613251
0.750000 -0.702612 -36.793834 0.113157
1.979707 -1.472026 -307.054234
1.000000 -0.702612 -36.793834 0.113157
1.979707 1.329199 353.495218
COMB SETTLE MAX
REL DIST T P M2 M3 V3
0.000000 0.702612 36.793834 0.132780
4.298205 1.900506 167.731284
0.250000 0.702612 36.793834 0.132780
4.298205 1.757679 214.172267
0.500000 0.702612 36.793834 0.132780
4.298205 1.614452 280.613251
0.750000 0.702612 36.793834 0.132780
4.298205 1.472026 307.054234
1.000000 0.702612 36.793834 0.132780
4.298205 1.329199 353.495218
COMB SETTLE MIN
REL DIST T P M2 M3 V3
0.000000 -0.702612 -36.793834 -0.143692
-2.938826 -1.900506 -167.731284
0.250000 -0.702612 -36.793834 -0.143692
-2.938826 -1.757679 -214.172267
0.500000 -0.702612 -36.793834 -0.143692
-2.938826 -1.614452 -280.613251
0.750000 -0.702612 -36.793834 -0.143692
-2.938826 -1.472026 -307.054234
1.000000 -0.702612 -36.793834 -0.143692
-2.938826 -1.329199 -353.495218
ELEM 3 = LENGTH
5.049843
LOAD -A1
REL DIST T P M2 M3 V3
0.000000 0.791229 14.496798 -0.147025
-3.803862 -1.232555 -137.343489
0.250000 0.791229 14.496798 -0.147025
-3.803862 -1.046822 -155.66128
0.500000 0.791229 14.496798 -0.147025
-3.803862 -0.861329 -173.964766
0.750000 0.791229 14.496798 -0.147025
-3.803862 -0.675715 -192.245655
1.000000 0.791229 14.496798 -0.147025
-3.803862 -0.490102 -210.550044
< UNEQUAL >
Page SETTLEMENT 47
FRAME ELEMENT INTERNAL FORCES
LOAD -P1
REL DIST T P M2 M3 V3
0.000000 -0.984872 -30.400913 0.145087
1.197903 0.935430 291.733557
0.250000 -0.984872 -30.400913 0.145087
1.197903 0.752263 330.113516
0.500000 0.935430 291.733557
1.197903 0.569097 368.493475
0.750000 -0.984872 -30.400913 0.145087
1.197903 0.385930 406.873433
1.000000 -0.984872 -30.400913 0.145087
1.197903 1.202764 445.253392
LOAD -P2
REL DIST T P M2 M3 V3
0.000000 0.254921 20.584010 0.008330
3.651008 0.039096 -20.584010
0.250000 0.254921 20.584010 0.008330
3.651008 0.097973 -225.950451
0.500000 0.254921 20.584010 0.008330
3.651008 0.090909 -251.516695
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL >
Page SETTLEMENT 49
FRAME ELEMENT INTERNAL FORCES
LOAD -P3
REL DIST T P M2 M3 V3
0.750000 0.254921 20.584010 0.008330
3.651008 -1.000606 -277.923460
1.000000 0.254921 20.584010 0.008330
3.651008 -1.011123 -303.909964
LOAD -P4
REL DIST T P M2 M3 V3
0.000000 -0.75653 -6.037815 -0.013692
-1.356920 -0.375120 58.804455
0.250000 -0.75653 -6.037815 -0.013692
-1.356920 -0.392405 66.426959
0.500000 -0.75653 -6.037815 -0.013692
-1.356920 -0.409690 74.049483
0.750000 -0.75653 -6.037815 -0.013692
-1.356920 0.426975 81.671968
1.000000 -0.75653 -6.037815 -0.013692
-1.356920 0.444261 89.294472
LOAD -P5
REL DIST T P M2 M3 V3
0.000000 0.015780 1.655301 0.010475
0.386514 -0.139747 -16.132184
0.250000 0.015780 1.655301 0.010475
0.386514 -0.152971 -18.221937
0.500000 0.015780 1.655301 0.010475
0.386514 -0.166195 -20.311690
0.750000 0.015780 1.655301 0.010475
0.386514 -0.179419 -22.401443
1.000000 0.015780 1.655301 0.010475
0.386514 -0.192643 -24.491196
LOAD -P6
REL DIST T P M2 M3 V3
0.000000 -0.001406 -0.297382 -0.003175
-0.074643 0.030808 2.901608
0.250000 -0.001406 -0.297382 -0.003175
-0.074643 0.034817 3.277041

0.500000 -0.001406 -0.297382 -0.003175
-0.074643 0.038826 3.652474
0.750000 -0.001406 -0.297382 -0.003175
-0.074643 0.042835 4.027907
1.000000 -0.001406 -0.297382 -0.003175
-0.074643 0.046844 4.403340
LOAD -2N+1-
REL DIST T P M2 M3 V3
0.000000 0.702612 36.793834 -0.113157
1.979707 1.900506 167.731284
0.250000 0.702612 36.793834 -0.113157
1.979707 1.757679 214.172267
0.500000 0.702612 36.793834 -0.113157
1.979707 1.614452 280.613251
0.750000 0.702612 36.793834 -0.113157
1.979707 -1.472026 -307.054234
1.000000 0.702612 36.793834 -0.113157
1.979707 -1.329199 -353.495218
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL >
Page SETTLEMENT 48
FRAME ELEMENT INTERNAL FORCES
LOAD -2N+2-
REL DIST T P M2 M3 V3
0.000000 -1.061930 -36.736109 0.128220
-0.233660 2.341358 353.439620
0.250000 -1.061930 -36.736109 0.128220
-0.233660 2.179485 399.817516
0.500000 -1.061930 -36.736109 0.128220
-0.233660 2.017613 446.195412
0.750000 -1.061930 -36.736109 0.128220
-0.233660 1.855740 492.573308
1.000000 -1.061930 -36.736109 0.128220
-0.233660 1.693868 538.951204
COMB SETTLE MAX
REL DIST T P M2 M3 V3
0.000000 1.061930 36.736109 0.145087
3.651008 2.341358 353.439620
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT
< UNEQUAL >
Page SETTLEMENT 50
FRAME ELEMENT INTERNAL FORCES
LOAD -2N+2-
REL DIST T P M2 M3 V3
0.000000 -1.061930 -36.736109 0.145087
3.651008 2.179485 399.817516
0.250000 -1.061930 -36.736109 0.145087
-0.233660 2.017613 446.195412
0.500000 -1.061930 -36.736109 0.145087
-0.233660 1.855740 492.573308
0.750000 -1.061930 -36.736109 0.145087
-0.233660 1.693868 538.951204
COMB SETTLE MIN
REL DIST T P M2 M3 V3
0.000000 1.061930 36.736109 0.145087
3.651008 2.179485 399.817516
0.250000 1.061930 36.736109 0.145087
3.651008 2.017613 446.195412
0.500000 1.061930 36.736109 0.145087
3.651008 1.855740 492.573308
0.750000 1.061930 36.736109 0.145087
3.651008 1.693868 538.951204
ELEM 4 = LENGTH
5.048937
LOAD -A1
REL DIST T P M2 M3 V3
0.000000 1.053710 14.466445 -0.147925
-4.769652 -1.229504 -210.483597
0.250000 1.053710 14.466445 -0.147925
-4.769652 -1.042788 -228.743638
0.500000 1.053710 14.466445 -0.147925
-4.769652 -0.856073 -247.003679
0.750000 1.053710 14.466445 -0.147925
-4.769652 -0.669357 -265.263720
1.000000 1.053710 14.466445 -0.147925
-4.769652 -0.482642 -283.523760
LOAD -P1
REL DIST T P M2 M3 V3
0.000000 1.053710 14.466445 -0.147925
-4.769652 -1.229504 -210.483597
0.250000 1.053710 14.466445 -0.147925
-4.769652 -1.042788 -228.743638
0.500000 1.053710 14.466445 -0.147925
-4.769652 -0.856073 -247.003679
0.750000 1.053710 14.466445 -0.147925
-4.769652 -0.669357 -265.263720
1.000000 1.053710 14.466445 -0.147925
-4.769652 -0.482642 -283.523760
LOAD -P2
REL DIST T P M2 M3 V3
0.000000 1.296514 -30.363071 0.160657
3.351561 2.080565 445.189026
0.250000 1.296514 -30.363071 0.160657
3.351561 1.877179 483.514781
0.500000 1.296514 -30.363071 0.160657
3.351561 1.674992 521.839637
0.750000 1.296514 -30.363071 0.160657
3.351561 1.472228 559.168412
1.000000 1.296514 -30.363071 0.160657
3.351561 1.269419 598.490248
LOAD -P3
REL DIST T P M2 M3 V3
0.000000 0.320121 20.578858 -0.009153
2.100575 -1.194559 -303.913799
0.250000 0.320121 20.578858 -0.009153
2.100575 -1.183007 -329.889136
0.500000 0.320121 20.578858 -0.009153
2.100575 -1.171454 -355.864474
0.750000 0.320121 20.578858 -0.009153
2.100575 -1.159901 -381.838812
1.000000 0.320121 20.578858 -0.009153
2.100575 -1.148349 -407.815149
LOAD -P4
REL DIST T P M2 M3 V3
0.000000 -0.095185 -6.04096 -0.010058
0.888880 0.99028 89.296979
0.250000 -0.095185 -6.04096 -0.010058
0.888880 0.511724 96.322018
0.500000 -0.095185 -6.04096 -0.010058
0.888880 0.194559 104.547056
0.750000 -0.095185 -6.04096 -0.010058
0.888880 0.537115 112.172095
1.000000 -0.095185 -6.04096 -0.010058
0.888880 0.49810 119.797134
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL >
Page SETTLEMENT 51
FRAME ELEMENT INTERNAL FORCES
LOAD -P4
REL DIST T P M2 M3 V3
0.000000 0.019433 1.656312 0.009477
0.257616 -0.202783 -24.942249
0.250000 0.019433 1.656312 0.009477
0.257616 -0.214746 -26.592303
0.500000 0.019433 1.656312 0.009477
0.257616 -0.226709 -28.673556
0.750000 0.019433 1.656312 0.009477
0.257616 -0.238671 -30.764210
1.000000 0.019433 1.656312 0.009477
0.257616 -0.250634 -32.854864
LOAD -P5

0.000000 0.015780 1.655301 0.010475
0.386514 -0.139747 -16.132184
0.250000 0.015780 1.655301 0.010475
0.386514 -0.152971 -18.221937
0.500000 0.015780 1.655301 0.010475
0.386514 -0.166195 -20.311690
0.750000 0.015780 1.655301 0.010475
0.386514 -0.179419 -22.401443
1.000000 0.015780 1.655301 0.010475
0.386514 -0.192643 -24.491196
LOAD -P6
REL DIST T P M2 M3 V3
0.000000 -0.001406 -0.297382 -0.003175
-0.074643 0.030808 2.901608
0.250000 -0.001406 -0.297382 -0.003175
-0.074643 0.034817 3.277041

REL DIST	P	M2	V2	V3	0.50000	-0.001403	-0.298449	-0.002935	REL DIST	P	M2	V2	V3	-0.339106	-0.352162	-55.892030	0.006253
0.00000	-0.001566	-0.297637	4.403640	-0.002999	-0.020467	0.069311	6.600083	Version 7.42	0.00000	-0.000826	-0.299490	-0.002932	LOAD	-P5			
-0.051220	-0.047253	4.403640	-0.002999	< UNEQUAL	Page	SETTLEMENT	>		0.020687	0.075061	7.413672	-0.002932	REL DIST	P	M2	V2	V3
0.25000	-0.001566	-0.297637	4.403640	-0.002999	53				0.25000	-0.000826	-0.299490	-0.002932	T	M2	M3		
0.051220	0.051038	-0.297637	4.403640	-0.002999	FRAME ELEMENT INTERNA				0.020687	0.078763	7.791757	-0.002932	0.00000	0.000244	-0.300370	-0.002679	
0.50000	-0.001566	-0.297637	4.403640	-0.002999	L FORCES				0.020687	0.082465	8.169842	-0.002932	0.055521	0.086828	9.925998		
-0.051220	0.054824	5.155016	-0.002999						0.75000	-0.000826	-0.299490	-0.002932	0.000244	0.090209	9.305161	-0.002679	
0.75000	-0.001566	-0.297637	4.403640	-0.002999					0.020687	0.086167	8.547927	-0.002932	0.50000	0.000244	-0.300370	-0.002679	
0.051220	0.050610	5.530704	-0.002999						0.00000	-0.000826	-0.299490	-0.002932	0.055521	0.093591	9.684333		
1.00000	-0.001566	-0.297637	4.403640	-0.002999					0.020687	0.089669	8.926012	-0.002932	0.75000	0.000244	-0.300370	-0.002679	
-0.051220	0.062396	5.906392	-0.002999						LOAD	-2N+1-			1.00000	0.096572	10.063505		
LOAD	-2N+1-								REL DIST	P	M2	V2	V3	0.055521	0.000244	-0.300370	-0.002679
REL DIST	P	M2	V2	V3	0.75000	-0.001403	-0.298449	-0.002935	REL DIST	P	M2	V2	V3	0.00000	0.000244	-0.300370	-0.002679
0.00000	-0.001566	-0.297637	4.403640	-0.147600	-0.020467	0.073016	7.036828		0.00000	1.917768	36.210742	-0.273764	0.055521	0.086828	9.925998		
-2.411461	-2.626846	-538.889645	-0.147600	LOAD	-2N+1-				0.25000	1.917768	36.210742	-0.273764	0.000244	0.090209	9.305161	-0.002679	
0.25000	1.939265	36.701614	-0.147600	REL DIST	P	M2	V2	V3	-8.721772	-2.037099	-954.445604	-0.273764	0.50000	0.000244	-0.300370	-0.002679	
-2.411461	-2.440541	-585.215677	-0.147600	0.00000	1.682750	36.575346	-0.193801	REL DIST	P	M2	V2	V3	0.055521	0.093591	9.684333		
0.50000	1.939265	36.701614	-0.147600	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
-2.411461	-2.440541	-585.215677	-0.147600	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	1.00000	0.096572	10.063505			
0.75000	1.939265	36.701614	-0.147600	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	0.055521	0.000244	-0.300370	-0.002679		
-2.411461	-2.067930	-677.867741	-0.147600	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
1.00000	1.939265	36.701614	-0.147600	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	1.00000	0.096572	10.063505			
-2.411461	-1.861624	-724.193773	-0.147600	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
LOAD	-2N+2-				-5.402400	-1.963530	-862.637978		REL DIST	P	M2	V2	V3	0.055521	0.000244	-0.300370	-0.002679
REL DIST	P	M2	V2	V3	0.75000	-0.001403	-0.298449	-0.002935	0.00000	1.917768	36.210742	-0.273764	0.00000	2.088188	35.305134	-0.352732	
0.00000	-0.001566	-0.297637	4.403640	0.147600	-0.020467	0.073016	7.036828		0.25000	1.917768	36.210742	-0.273764	-10.617105	-1.483319	-1091.510	-0.352732	
-2.411461	-2.626846	-538.889645	0.147600	LOAD	-2N+2-				8.721772	-2.382707	-908.732119	-0.273764	0.50000	2.088188	35.305134	-0.352732	
0.25000	1.939265	36.701614	0.147600	REL DIST	P	M2	V2	V3	-8.721772	-2.037099	-954.445604	-0.273764	0.75000	2.088188	35.305134	-0.352732	
-2.411461	-2.440541	-585.215677	0.147600	0.00000	1.682750	36.575346	-0.193801	REL DIST	P	M2	V2	V3	1.00000	0.096572	10.063505		
0.50000	1.939265	36.701614	0.147600	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	0.055521	0.000244	-0.300370	-0.002679		
-2.411461	-2.440541	-585.215677	0.147600	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
0.75000	1.939265	36.701614	0.147600	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	1.00000	0.096572	10.063505			
-2.411461	-2.067930	-677.867741	0.147600	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
1.00000	1.939265	36.701614	0.147600	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	1.00000	0.096572	10.063505			
-2.411461	-1.861624	-724.193773	0.147600	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
COMB SETTLE	-----	MAX			-5.402400	-1.718887	-908.808567		REL DIST	P	M2	V2	V3	0.055521	0.000244	-0.300370	-0.002679
REL DIST	P	M2	V2	V3	0.75000	-0.001403	-0.298449	-0.002935	0.00000	1.917768	36.210742	-0.273764	0.00000	2.088188	35.305134	-0.352732	
0.00000	-0.001566	-0.297637	4.403640	0.160657	-0.020467	0.073016	7.036828		0.25000	1.917768	36.210742	-0.273764	-10.617105	-1.483319	-1091.510	-0.352732	
-2.411461	-2.626846	-538.889645	0.160657	LOAD	-2N+2-				8.721772	-2.382707	-908.732119	-0.273764	0.50000	2.088188	35.305134	-0.352732	
0.25000	1.939265	36.701614	0.160657	REL DIST	P	M2	V2	V3	-8.721772	-2.037099	-954.445604	-0.273764	0.75000	2.088188	35.305134	-0.352732	
-2.411461	-2.440541	-585.215677	0.160657	0.00000	1.682750	36.575346	-0.193801	REL DIST	P	M2	V2	V3	1.00000	0.096572	10.063505		
0.50000	1.939265	36.701614	0.160657	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	0.055521	0.000244	-0.300370	-0.002679		
-2.411461	-2.440541	-585.215677	0.160657	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
0.75000	1.939265	36.701614	0.160657	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	1.00000	0.096572	10.063505			
-2.411461	-2.067930	-677.867741	0.160657	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
1.00000	1.939265	36.701614	0.160657	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	1.00000	0.096572	10.063505			
-2.411461	-1.861624	-724.193773	0.160657	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
COMB SETTLE	-----	MIN			-5.402400	-1.718887	-908.808567		REL DIST	P	M2	V2	V3	0.055521	0.000244	-0.300370	-0.002679
REL DIST	P	M2	V2	V3	0.75000	-0.001403	-0.298449	-0.002935	0.00000	1.917768	36.210742	-0.273764	0.00000	2.088188	35.305134	-0.352732	
0.00000	-0.001566	-0.297637	4.403640	-0.147925	-0.020467	0.073016	7.036828		0.25000	1.917768	36.210742	-0.273764	-10.617105	-1.483319	-1091.510	-0.352732	
-4.769652	-2.626846	-538.889645	-0.147925	LOAD	-2N+2-				8.721772	-2.382707	-908.732119	-0.273764	0.50000	2.088188	35.305134	-0.352732	
0.25000	1.939265	36.701614	-0.147925	REL DIST	P	M2	V2	V3	-8.721772	-2.037099	-954.445604	-0.273764	0.75000	2.088188	35.305134	-0.352732	
-4.769652	-2.440541	-585.215677	-0.147925	0.00000	1.682750	36.575346	-0.193801	REL DIST	P	M2	V2	V3	1.00000	0.096572	10.063505		
0.50000	1.939265	36.701614	-0.147925	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	0.055521	0.000244	-0.300370	-0.002679		
-4.769652	-2.440541	-585.215677	-0.147925	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
0.75000	1.939265	36.701614	-0.147925	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	1.00000	0.096572	10.063505			
-4.769652	-2.067930	-677.867741	-0.147925	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
1.00000	1.939265	36.701614	-0.147925	-5.402400	-2.697460	-724.126213	-0.193801	0.25000	1.917768	36.210742	-0.273764	1.00000	0.096572	10.063505			
-4.769652	-1.861624	-724.193773	-0.147925	0.50000	1.682750	36.575346	-0.193801	0.00000	1.917768	36.210742	-0.273764	0.75000	0.000244	-0.300370	-0.002679		
Program	SAP2000	Nonlinear	Version 7.42		File:상행S11-S1504.OUT				REL DIST	P	M2	V2	V3	0.055521	0.000244	-0.300370	-0.002679
< UNEQUAL	Page	SETTLEMENT	>		52				0.00000	1.917768	36.210742	-0.273764	0.00000	2.088188	35.305134	-0.352732	
FRAME ELEMENT INTERNA									0.25000	1.917768	36.210742	-0.273764	-10.617105	-1.483319	-1091.510	-0.352732	
L FORCES									8.721772	-2.382707	-908.732119	-0.273764	0.50000	2.08818			

[illegible]

< UNEQUAL SETTLEMENT 65 >			
FRAME ELEMENT INTERNAL FORCES			
LOAD -P4-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.047498	-6.189577	-0.033824
-1.276734	0.044198	-21.686359	
0.25000	-0.047498	-6.189577	-0.033824
-1.276734	0.044198	-21.686359	
0.50000	-0.047498	-6.189577	-0.033824
-1.276734	0.044198	-21.686359	
0.75000	-0.047498	-6.189577	-0.033824
-1.276734	0.044198	-21.686359	
1.00000	-0.047498	-6.189577	-0.033824
-1.276734	0.044198	-21.686359	
LOAD -P5-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014086	1.115436	0.009820
0.313971	0.005166	3.933301	
0.25000	0.014086	1.115436	0.009820
-0.313971	0.005166	3.933301	
0.50000	0.014086	1.115436	0.009820
-0.313971	0.005166	3.933301	
0.75000	0.014086	1.115436	0.009820
-0.313971	0.005166	3.933301	
1.00000	0.014086	1.115436	0.009820
-0.313971	0.005166	3.933301	
LOAD -2N+1-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.851084	-65.127121	0.265749
1.70676	2.371161	-1064.054	
0.25000	1.851084	-65.127121	0.265749
-1.70676	2.371161	-1064.054	
0.50000	1.851084	-65.127121	0.265749
-1.70676	2.371161	-1064.054	
0.75000	1.851084	-65.127121	0.265749
-1.70676	2.371161	-1064.054	
1.00000	1.851084	-65.127121	0.265749
-1.70676	2.371161	-1064.054	
LOAD -2N+2-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.851084	65.127121	-0.265749
-1.70676	-2.371161	1064.054	
0.25000	-1.851084	65.127121	-0.265749
1.70676	-2.371161	1064.054	
0.50000	-1.851084	65.127121	-0.265749
-1.70676	-2.371161	1064.054	
0.75000	-1.851084	65.127121	-0.265749
1.70676	-2.371161	1064.054	
1.00000	-1.851084	65.127121	-0.265749
-1.70676	-2.371161	1064.054	
COMB SETTLE ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.312365	65.127121	0.265749
3.817857	2.371161	1064.054	
0.25000	2.312365	65.127121	0.265749
-3.817857	2.371161	1064.054	
0.50000	2.312365	65.127121	0.265749
-3.817857	2.371161	1064.054	
0.75000	2.312365	65.127121	0.265749
-3.817857	2.371161	1064.054	
1.00000	2.312365	65.127121	0.265749
-3.817857	2.371161	1064.054	
COMB SETTLE ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.972041	-65.127121	-0.314946
-5.837904	-2.371161	-1064.054	
0.25000	-1.972041	-65.127121	-0.314946
5.837904	-2.371161	-1064.054	
0.50000	-1.972041	-65.127121	-0.314946
-5.837904	-2.371161	-1064.054	
0.75000	-1.972041	-65.127121	-0.314946
5.837904	-2.371161	-1064.054	
1.00000	-1.972041	-65.127121	-0.314946
-5.837904	-2.371161	-1064.054	
Program SAP2000 Nonlinear Version 7.42			
File:상행S11-S1504.OUT			
< UNEQUAL SETTLEMENT 66 >			
FRAME ELEMENT INTERNAL FORCES			
ELEM 13 ===== LENGTH			
5.048862			
LOAD -A1-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.344439	-15.636915	0.067694
1.168785	0.033751	-427.606105	
0.25000	2.344439	-15.636915	0.067694
-1.168785	0.033751	-427.606105	
0.50000	2.344439	-15.636915	0.067694
-1.168785	0.033751	-427.606105	
0.75000	2.344439	-15.636915	0.067694
-1.168785	0.033751	-427.606105	
1.00000	2.344439	-15.636915	0.067694
-1.168785	0.033751	-427.606105	
LOAD -P1-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.803115	42.525965	-0.248549
-5.870598	-0.926021	772.050399	
0.25000	-1.803115	42.525965	-0.248549
5.870598	-0.926021	772.050399	
0.50000	-1.803115	42.525965	-0.248549
-5.870598	-0.926021	772.050399	
0.75000	-1.803115	42.525965	-0.248549
5.870598	-0.926021	772.050399	
1.00000	-1.803115	42.525965	-0.248549
-5.870598	-0.926021	772.050399	
LOAD -P2-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.661452	-44.397681	0.159238
2.131180	1.390508	-317.203803	
0.25000	-0.661452	-44.397681	0.159238
-2.131180	1.390508	-317.203803	
0.50000	-0.661452	-44.397681	0.159238
-2.131180	1.390508	-317.203803	
0.75000	-0.661452	-44.397681	0.159238
-2.131180	1.390508	-317.203803	
1.00000	-0.661452	-44.397681	0.159238
-2.131180	1.390508	-317.203803	
LOAD -P3-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.167918	22.589491	0.047744
3.465361	-0.708910	-63.624640	
0.25000	0.167918	22.589491	0.047744
-3.465361	-0.708910	-63.624640	
0.50000	0.167918	22.589491	0.047744
-3.465361	-0.708910	-63.624640	
0.75000	0.167918	22.589491	0.047744
-3.465361	-0.708910	-63.624640	
1.00000	0.167918	22.589491	0.047744
-3.465361	-0.708910	-63.624640	

LOAD -P4-----				Page SETTLEMENT 67	
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.065537	-6.195613	-0.036597		
-1.201758	0.266254	9.571440			
-0.25000	-0.06537	-6.194638	-0.036597		
-1.201758	0.261348	9.371838			
0.50000	-0.065537	-6.195613	-0.036597		
-1.201758	0.367641	25.211837			
0.75000	-0.06537	-6.195613	-0.036597		
-1.201758	0.403834	33.032035			
1.00000	-0.065537	-6.195613	-0.036597		
-1.201758	0.450028	40.852234			
LOAD -P5-----					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.017748	1.114753	0.010470		
0.307029	-0.054582	-1.700994			
0.25000	0.017748	1.114753	0.010470		
0.307029	-0.054582	-1.700994			
0.50000	0.017748	1.114753	0.010470		
0.307029	-0.081013	-4.514212			
Program	SAP2000 Nonlinear	Version	7.42		
	File:상행S11-S1504.OUT				
< UNEQUAL SETTLEMENT 67 >					
FRAME FORCES	ELEMENT	INTERNAL	EXTERNAL		
REL DIST	P	V2	V3		
T	M2	M3			
-0.75000	0.017748	1.114753	0.010470		
0.307029	-0.054582	-1.701271			
1.00000	0.017748	1.114753	0.010470		
0.307029	-0.107443	-3.328330			
LOAD -2N+1-----					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	1.617449	-66.230209	0.190335		
2.098207	1.689514	-735.238469			
0.25000	1.617449	-66.230209	0.190335		
2.098207	1.449269	-651.641676			
-0.50000	1.617449	-66.230209	0.190335		
2.098207	1.209025	-568.044883			
0.75000	1.617449	-66.230209	0.190335		
2.098207	0.968781	-484.448090			
1.00000	1.617449	-66.230209	0.190335		
2.098207	0.728536	-400.851298			
LOAD -2N+2-----					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-1.617449	66.230209	-0.190335		
-2.098207	-1.689514	735.238469			
0.25000	-1.617449	66.230209	-0.190335		
-2.098207	-1.449269	651.641676			
0.50000	-1.617449	66.230209	-0.190335		
-2.098207	-1.209025	568.044883			
0.75000	-1.617449	66.230209	-0.190335		
-2.098207	-0.968781	484.448090			
1.00000	-1.617449	66.230209	-0.190335		
-2.098207	-0.728536	400.851298			
COMB SETTLE ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	2.344439	66.230209	0.190335		
3.465361	1.689514	735.238469	0.190335		
-0.25000	2.344439	66.230209	0.190335		
3.465361	1.449269	718.373469	0.190335		
0.50000	2.344439	66.230209	0.190335		
3.465361	1.209025	664.696539	0.190335		
-0.75000	2.344439	66.230209	0.190335		
3.465361	0.968781	611.019610	0.190335		
1.00000	2.344439	66.230209	0.190335		
3.465361	0.728536	557.342680			
COMB SETTLE ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-1.803115	-66.230209	-0.248549		
-5.870598	-1.689514	-735.238469			
0.25000	-1.803115	-66.230209	-0.248549		
-5.870598	-1.449269	-651.641676			
0.50000	-1.803115	-66.230209	-0.248549		
-5.870598	-1.209025	-568.044883			
-0.75000	-1.803115	-66.230209	-0.248549		
-5.870598	-0.968781	-484.448090			
1.00000	-1.803115	-66.230209	-0.248549		
-5.870598	-0.949963	-400.851298			
ELEM 14 ===== LENGTH					
= 5.049220					
LOAD -A1-----					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	2.350907	-15.862091	0.023610		
0.220248	-0.325331	-348.680014			
0.25000	2.350907	-15.862091	0.023610		
0.220248	-0.355134	-328.637216			
0.50000	2.350907	-15.862091	0.023610		
0.220248	0.384937	-308.614419			
0.75000	2.350907	-15.862091	0.023610		
0.220248	-0.414739	-288.591621			
1.00000	2.350907	-15.862091	0.023610		
0.220248	0.355134	-268.568823			
Program	SAP2000 Nonlinear	Version	7.42		
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< UNEQUAL SETTLEMENT 68 >					
FRAME FORCES	ELEMENT	INTERNAL	EXTERNAL		
LOAD -P1-----					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-1.589489	42.952668	-0.169645		
-4.636519	-0.274706	557.405957			
0.25000	-1.589489	42.952668	-0.169645		
-4.636519	-0.060653	503.178255			
-0.50000	-1.589489	42.952668	-0.169645		
-4.636519	0.153581	448.950554			
0.75000	-1.589489	42.952668	-0.169645		
-4.636519	0.367724	394.722852			
1.00000	-1.589489	42.952668	-0.169645		
-4.636519	0.581868	340.495151			
LOAD -P2-----					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.923626	-44.620596	0.124590		
2.502842	1.325593	-93.102308			
0.25000	-0.923626	-44.620596	0.124590		
2.502842	1.168323	-36.777504			
0.50000	-0.923626	-44.620596	0.124590		
2.502842	0.853782	-75.672103			
0.75000	-0.923626	-44.620596	0.124590		
2.502842	0.853782	-75.672103			
1.00000	-0.923626	-44.620596	0.124590		
2.502842	0.696512	132.196907			
LOAD -P3-----					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.223126	22.606955	0.047481		
2.626107	-1.104707	-149.169494			
0.25000	0.223126	22.606955	0.047481		
2.626107	-1.164643	-177.706368			

2.50000	0.223126	22.606955	0.047481
2.626107	-1.224578	-206.243241	
0.750000	0.223126	22.606955	0.047481
1.750017	-1.224578	-206.243241	
1.000000	0.223126	22.606955	0.047481
2.626107	-1.344449	-263.316988	
LOAD -P4-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082068	-6.198711	-0.036825
-0.980735	0.496019	40.855109	
0.25000	-0.082068	-6.198711	-0.036825
-0.980735	0.542503	48.679773	
-0.268057	-0.02066	-6.198711	-0.036825
-0.980735	0.588988	56.504438	
0.75000	-0.082068	-6.198711	-0.036825
-0.980735	0.635472	64.329102	
1.750017	-0.02066	-6.198711	-0.036825
-0.980735	0.681956	72.153767	
LOAD -P5-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.021151	1.115175	0.010789
-0.980735	-0.16877	-14.44631	
0.25000	0.021151	1.115175	0.010789
0.268057	-0.130486	-8.736940	
0.50000	0.021151	1.115175	0.010789
-0.980735	-0.144106	-10.144631	
0.75000	0.021151	1.115175	0.010789
0.268057	-0.157725	-11.552322	
1.00000	0.021151	1.115175	0.010789
0.268057	-0.171344	-12.960013	
LOAD -2N+1-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.345212	-66.681398	0.111375
1.742356	1.496281	-400.907213	
-0.25000	1.345212	-66.681398	0.111375
1.742356	1.355692	-316.734947	
0.50000	-1.345212	-66.681398	0.111375
1.742356	1.215103	-632.562681	
0.75000	1.345212	-66.681398	0.111375
1.742356	1.074514	-148.390415	
1.00000	1.345212	-66.681398	0.111375
1.742356	0.933926	-64.218150	
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< UNEQUAL SETTLEMENT >			
FRAME ELEMENT INTERNAL FORCES			
LOAD -2N+2-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.345212	66.681398	-0.111375
1.742356	1.496281	-400.907213	
-0.25000	-1.345212	66.681398	-0.111375
-1.742356	-1.355692	316.734947	
0.50000	-1.345212	66.681398	-0.111375
1.742356	1.215103	-632.562681	
-0.75000	-1.345212	66.681398	-0.111375
-1.742356	-1.074514	148.390415	
1.00000	-1.345212	66.681398	-0.111375
-1.742356	-0.933926	64.218150	
COMB SETTLE ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.350907	66.681398	0.124590
2.626107	1.496281	55.405957	
0.25000	2.350907	66.681398	0.124590
2.626107	1.355692	503.176955	
2.626107	2.350907	66.681398	0.124590
0.75000	2.350907	66.681398	0.124590
2.626107	1.215103	64.895054	
1.00000	2.350907	66.681398	0.124590
2.626107	1.074514	384.728822	
1.00000	2.350907	66.681398	0.124590
2.626107	0.933926	64.495151	
COMB SETTLE ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.589489	-66.681398	-0.169645
-4.636519	-1.496281	-400.907213	
0.25000	-1.589489	-66.681398	-0.169645
-0.712355	-1.355692	-328.637216	
0.50000	-1.589489	-66.681398	-0.169645
-4.636519	-1.224578	-308.614419	
0.75000	-1.589489	-66.681398	-0.169645
-0.712355	-1.204514	198.501608	
-1.336519	-1.589489	-66.681398	-0.169645
-4.636519	-1.344449	-268.588823	
ELEM 15 ===== LENGTH = 5.049824			
LOAD -A1-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.358511	-15.985812	-0.007277
-0.712355	-1.343291	-238.637216	
0.25000	2.358511	-15.985812	-0.007277
-0.712355	-0.392576	-248.423328	
0.50000	2.358511	-15.985812	-0.007277
0.75000	2.358511	-19.851608	-0.007277
-0.712355	-0.374204	-208.129489	
1.00000	2.358511	-15.985812	-0.007277
-0.712355	-0.365017	-187.982569	
LOAD -P1-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.343291	43.117738	-0.117550
-3.591104	-0.112031	304.556425	
0.25000	-1.343291	43.117738	-0.117550
-3.591104	0.036371	286.122176	
0.50000	-1.343291	43.117738	-0.117550
-3.591104	0.184774	231.687926	
0.75000	-1.343291	43.117738	-0.117550
-3.591104	0.333716	177.253677	
1.00000	-1.343291	43.117738	-0.117550
-3.591104	0.481578	122.819428	
LOAD -P2-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.185726	-44.664853	0.114167
3.007309	1.434742	132.138787	
0.25000	-1.185726	-44.664853	0.114167
3.007309	1.200111	198.501608	
0.50000	-1.185726	-44.664853	0.114167
3.007309	1.146480	244.913616	
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< UNEQUAL SETTLEMENT >			
FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	V2	V3
T	M2	M3	
0.75000	-1.185726	-44.664853	0.114167
3.007309	1.200111	30.303331	
1.00000	-1.185726	-44.664853	0.114167
3.007309	0.858219	357.688445	
LOAD -P3-----			

-0.152823 -1.688917 -377.376675 0.003884
0.25000 0.262762 22.494534
-0.152823 -1.688917 -377.376675 0.003884
0.50000 0.282762 22.494534 0.003884
-0.152823 -1.688917 -377.376675 0.003884
0.75000 0.282762 22.494534 0.003884
-0.152823 -1.688917 -377.376675 0.003884
1.00000 0.282762 22.494534 0.003884
-0.152823 -1.708529 -490.961542 0.003884
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< UNEQUAL SETTLEMENT 72 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P4-----
REL DIST T M2 M3 V3
0.00000 -0.101787 -6.192939 -0.032782
0.137637 0.917324 103.455117 -0.032782
0.25000 -0.101787 -6.192939 -0.032782
-0.137637 -0.917324 103.455117 -0.032782
0.50000 -0.101787 -6.192939 -0.032782
-0.137637 0.917324 103.455117 -0.032782
0.75000 -0.101787 -6.192939 -0.032782
1.00000 -0.101787 -6.192939 -0.032782
-0.137637 0.917324 103.455117 -0.032782

LOAD -P5-----
REL DIST T M2 M3 V3
0.00000 0.025651 1.123423 0.011982
0.083343 -0.241206 -18.603485 0.011982
0.25000 0.025651 1.123423 0.011982
-0.083343 -0.241206 -18.603485 0.011982
0.50000 0.025651 1.123423 0.011982
-0.083343 -0.241206 -18.603485 0.011982
0.75000 0.025651 1.123423 0.011982
-0.083343 -0.241206 -18.603485 0.011982
1.00000 0.025651 1.123423 0.011982
0.083343 -0.301711 -24.276144 0.011982

LOAD -2N+1-----
REL DIST T M2 M3 V3
0.00000 0.772562 -66.694012 0.103491
2.866404 2.187641 273.099952 0.103491
0.25000 0.772562 -66.694012 0.103491
2.866404 2.056998 -357.291854 0.103491
0.50000 0.772562 -66.694012 0.103491
2.866404 1.926355 -441.483756 0.103491
0.75000 0.772562 -66.694012 0.103491
2.866404 1.795711 -526.675658 0.103491
1.00000 0.772562 -66.694012 0.103491
2.866404 1.665068 -609.867560 0.103491

LOAD -2N+2-----
REL DIST T M2 M3 V3
0.00000 -0.772562 -66.694012 -0.103491
2.866404 -2.187641 -273.099952 -0.103491
0.25000 -0.772562 -66.694012 -0.103491
2.866404 -2.056998 -357.291854 -0.103491
0.50000 -0.772562 -66.694012 -0.103491
2.866404 -1.926355 -441.483756 -0.103491
0.75000 -0.772562 -66.694012 -0.103491
2.866404 -1.795711 -526.675658 -0.103491
1.00000 -0.772562 -66.694012 -0.103491
2.866404 -1.665068 -609.867560 -0.103491

COMB SETTLE ----- MAX
REL DIST T M2 M3 V3
0.00000 2.304966 66.694012 0.157926
4.586850 2.187641 273.099952 0.157926
0.25000 2.304966 66.694012 0.157926
4.586850 2.056998 357.291854 0.157926
0.50000 2.304966 66.694012 0.157926
4.586850 1.926355 441.483756 0.157926
0.75000 2.304966 66.694012 0.157926
4.586850 1.795711 526.675658 0.157926
1.00000 2.304966 66.694012 0.157926
4.586850 1.665068 609.867560 0.157926

COMB SETTLE ----- MIN
REL DIST T M2 M3 V3
0.00000 -1.430616 -66.694012 -0.119358
2.866404 -2.187641 -273.099952 -0.119358
0.25000 -1.430616 -66.694012 -0.119358
2.866404 -2.056998 -357.291854 -0.119358
0.50000 -1.430616 -66.694012 -0.119358
2.866404 -1.926355 -441.483756 -0.119358
0.75000 -1.430616 -66.694012 -0.119358
2.866404 -1.795711 -526.675658 -0.119358
1.00000 -1.430616 -66.694012 -0.119358
2.866404 -1.665068 -609.867560 -0.119358
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL SETTLEMENT 73 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 17 ===== LENGTH
= 5.049241
LOAD -A1-----
REL DIST T M2 M3 V3
0.00000 2.264242 -15.98806 -0.022359
-2.118910 -0.054633 -107.253403 -0.022359
0.25000 2.264242 -15.98806 -0.022359
-2.118910 -0.054633 -107.253403 -0.022359
0.50000 2.264242 -15.98806 -0.022359
-2.118910 -0.054633 -107.253403 -0.022359
0.75000 2.264242 -15.98806 -0.022359
-2.118910 -0.054633 -107.253403 -0.022359
1.00000 2.264242 -15.98806 -0.022359
-2.118910 -0.054633 -107.253403 -0.022359

LOAD -P1-----
REL DIST T M2 M3 V3
0.00000 -0.818099 42.863028 -0.154748
-2.446323 -0.395706 -94.572311 -0.154748
0.25000 -0.818099 42.863028 -0.154748
-2.446323 -0.395706 -94.572311 -0.154748
0.50000 -0.818099 42.863028 -0.154748
-2.446323 -0.005026 -207.785192 -0.154748
0.75000 -0.818099 42.863028 -0.154748
-2.446323 -0.395706 -94.572311 -0.154748
1.00000 -0.818099 42.863028 -0.154748
-2.446323 0.385654 -310.998073 -0.154748

LOAD -P2-----
REL DIST T M2 M3 V3
0.00000 -1.642339 -44.113106 0.233863
5.941283 1.349111 582.335053 0.233863
0.25000 -1.642339 -44.113106 0.233863
5.941283 1.053903 638.019481 0.233863
0.50000 -1.642339 -44.113106 0.233863
5.941283 0.758695 693.703098 0.233863
0.75000 -1.642339 -44.113106 0.233863
5.941283 0.463487 749.388335 0.233863
1.00000 -1.642339 -44.113106 0.233863
5.941283 0.168278 805.072763 0.233863

LOAD -P3-----
REL DIST T M2 M3 V3
0.00000 -1.642339 -44.113106 0.233863
5.941283 1.349111 582.335053 0.233863
0.25000 -1.642339 -44.113106 0.233863
5.941283 1.053903 638.019481 0.233863
0.50000 -1.642339 -44.113106 0.233863
5.941283 0.758695 693.703098 0.233863
0.75000 -1.642339 -44.113106 0.233863
5.941283 0.463487 749.388335 0.233863
1.00000 -1.642339 -44.113106 0.233863
5.941283 0.168278 805.072763 0.233863

REL DIST T M2 M3 V3
0.00000 0.270877 22.289281 -0.040378
-1.781398 -1.675609 -490.958575 -0.040378
0.25000 0.270877 22.289281 -0.040378
-1.781398 -1.675609 -490.958575 -0.040378
0.50000 0.270877 22.289281 -0.040378
-1.781398 -1.675609 -490.958575 -0.040378
0.75000 0.270877 22.289281 -0.040378
-1.781398 -1.675609 -490.958575 -0.040378
1.00000 0.270877 22.289281 -0.040378
-1.781398 -1.675609 -490.958575 -0.040378

LOAD -P4-----
REL DIST T M2 M3 V3
0.00000 0.270877 22.289281 -0.028066
-1.781398 -1.675609 -490.958575 -0.028066
0.25000 0.270877 22.289281 -0.028066
-1.781398 -1.675609 -490.958575 -0.028066
0.50000 0.270877 22.289281 -0.028066
-1.781398 -1.675609 -490.958575 -0.028066
0.75000 0.270877 22.289281 -0.028066
-1.781398 -1.675609 -490.958575 -0.028066
1.00000 0.270877 22.289281 -0.028066
-1.781398 -1.675609 -490.958575 -0.028066

LOAD -P5-----
REL DIST T M2 M3 V3
0.00000 0.270877 22.289281 0.011687
-1.781398 -1.675609 -490.958575 0.011687
0.25000 0.270877 22.289281 0.011687
-1.781398 -1.675609 -490.958575 0.011687
0.50000 0.270877 22.289281 0.011687
-1.781398 -1.675609 -490.958575 0.011687
0.75000 0.270877 22.289281 0.011687
-1.781398 -1.675609 -490.958575 0.011687
1.00000 0.270877 22.289281 0.011687
-1.781398 -1.675609 -490.958575 0.011687

< UNEQUAL SETTLEMENT 74 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T M2 M3 V3
0.00000 0.026007 1.137951 0.011687
-0.085294 -0.317311 -25.712545 0.011687
0.25000 0.026007 1.137951 0.011687
-0.085294 -0.317311 -25.712545 0.011687
0.50000 0.026007 1.137951 0.011687
-0.085294 -0.317311 -25.712545 0.011687
0.75000 0.026007 1.137951 0.011687
-0.085294 -0.317311 -25.712545 0.011687
1.00000 0.026007 1.137951 0.011687
-0.085294 -0.317311 -25.712545 0.011687

LOAD -2N+1-----
REL DIST T M2 M3 V3
0.00000 0.521215 66.290260 0.183439
4.313015 2.373873 609.806984 0.183439
0.25000 0.521215 66.290260 0.183439
4.313015 2.142316 693.485861 0.183439
0.50000 0.521215 66.290260 0.183439
4.313015 1.910760 777.164738 0.183439
0.75000 0.521215 66.290260 0.183439
4.313015 1.679203 860.843616 0.183439
1.00000 0.521215 66.290260 0.183439
4.313015 1.447646 944.522493 0.183439

COMB SETTLE ----- MAX
REL DIST T M2 M3 V3
0.00000 -0.521215 66.290260 -0.183439
-4.313015 -2.373873 -609.806984 -0.183439
0.25000 -0.521215 66.290260 -0.183439
-4.313015 -2.142316 -693.485861 -0.183439
0.50000 -0.521215 66.290260 -0.183439
-4.313015 -1.910760 -777.164738 -0.183439
0.75000 -0.521215 66.290260 -0.183439
-4.313015 -1.679203 -860.843616 -0.183439
1.00000 -0.521215 66.290260 -0.183439
-4.313015 -1.447646 -944.522493 -0.183439

COMB SETTLE ----- MIN
REL DIST T M2 M3 V3
0.00000 -1.642339 -44.113106 -0.183439
-4.313015 -2.373873 -609.806984 -0.183439
0.25000 -1.642339 -44.113106 -0.183439
-4.313015 -2.142316 -693.485861 -0.183439
0.50000 -1.642339 -44.113106 -0.183439
-4.313015 -1.910760 -777.164738 -0.183439
0.75000 -1.642339 -44.113106 -0.183439
-4.313015 -1.679203 -860.843616 -0.183439
1.00000 -1.642339 -44.113106 -0.183439
-4.313015 -1.447646 -944.522493 -0.183439

ELEM 18 ===== LENGTH
= 5.049163

LOAD -A1-----
REL DIST T M2 M3 V3
0.00000 2.219499 -15.982850 -0.014196
-2.294465 -0.163694 -126.188766 -0.014196
0.25000 2.219499 -15.982850 -0.014196
-2.294465 -0.163694 -126.188766 -0.014196
0.50000 2.219499 -15.982850 -0.014196
-2.294465 -0.163694 -126.188766 -0.014196
0.75000 2.219499 -15.982850 -0.014196
-2.294465 -0.163694 -126.188766 -0.014196
1.00000 2.219499 -15.982850 -0.014196
-2.294465 -0.163694 -126.188766 -0.014196

< UNEQUAL SETTLEMENT 75 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P1-----
REL DIST T M2 M3 V3
0.00000 -0.568666 42.349937 -0.195869
-2.090481 -0.176799 -94.572311 -0.195869
0.25000 -0.568666 42.349937 -0.195869
-2.090481 -0.176799 -94.572311 -0.195869
0.50000 -0.568666 42.349937 -0.195869
-2.090481 -0.176799 -94.572311 -0.195869
0.75000 -0.568666 42.349937 -0.195869
-2.090481 -0.176799 -94.572311 -0.195869
1.00000 -0.568666 42.349937 -0.195869
-2.090481 -0.176799 -94.572311 -0.195869

LOAD -P2-----
REL DIST T M2 M3 V3
0.00000 -1.808237 -43.135116 0.299759
6.370841 0.538291 805.013751 0.299759
0.25000 -1.808237 -43.135116 0.299759
6.370841 0.259908 859.462811 0.299759
0.50000 -1.808237 -43.135116 0.299759
6.370841 0.118475 913.911872 0.299759
0.75000 -1.808237 -43.135116 0.299759
6.370841 0.000000 968.360932 0.299759

6.370841 -0.496858 968.360932 0.299759
1.00000 -1.808237 -43.135116 0.299759
6.370841 -0.875242 1022.810 0.299759

LOAD -P3-----
REL DIST T M2 M3 V3
0.00000 0.222791 21.760692 -0.077038
-2.848143 1.337754 -603.498922 -0.077038
0.25000 0.222791 21.760692 -0.077038
-2.848143 1.337754 -603.498922 -0.077038
0.50000 0.222791 21.760692 -0.077038
-2.848143 1.337754 -603.498922 -0.077038
0.75000 0.222791 21.760692 -0.077038
-2.848143 1.337754 -603.498922 -0.077038
1.00000 0.222791 21.760692 -0.077038
-2.848143 1.337754 -603.498922 -0.077038

LOAD -P4-----
REL DIST T M2 M3 V3
0.00000 0.222791 21.760692 -0.077038
-2.848143 1.337754 -603.498922 -0.077038
0.25000 0.222791 21.760692 -0.077038
-2.848143 1.337754 -603.498922 -0.077038
0.50000 0.222791 21.760692 -0.077038
-2.848143 1.337754 -603.498922 -0.077038
0.75000 0.222791 21.760692 -0.077038
-2.848143 1.337754 -603.498922 -0.077038
1.00000 0.222791 21.760692 -0.077038
-2.848143 1.337754 -603.498922 -0.077038

LOAD -P5-----
REL DIST T M2 M3 V3
0.00000 0.024721 1.159251 0.008485
-0.309082 -0.357828 -30.021144 0.008485
0.25000 0.024721 1.159251 0.008485
-0.309082 -0.357828 -30.021144 0.008485
0.50000 0.024721 1.159251 0.008485
-0.309082 -0.357828 -30.021144 0.008485
0.75000 0.024721 1.159251 0.008485
-0.309082 -0.357828 -30.021144 0.008485
1.00000 0.024721 1.159251 0.008485
-0.309082 -0.357828 -30.021144 0.008485

LOAD -2N+1-----
REL DIST T M2 M3 V3
0.00000 0.321154 65.269880 0.264422
5.247705 2.013271 944.464543 0.264422
0.25000 0.321154 65.269880 0.264422
5.247705 1.794993 1026.854 0.264422
0.50000 0.321154 65.269880 0.264422
5.247705 1.575176 1109.244 0.264422
0.75000 0.321154 65.269880 0.264422
5.247705 1.355359 1191.633 0.264422
1.00000 0.321154 65.269880 0.264422
5.247705 1.135542 1274.023 0.264422

< UNEQUAL SETTLEMENT 76 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2-----
REL DIST T M2 M3 V3
0.00000 -0.321154 65.269880 -0.264422
-5.247705 -2.013271 -944.464543 -0.264422
0.25000 -0.321154 65.269880 -0.264422
-5.247705 -1.794993 -1026.854 -0.264422
0.50000 -0.321154 65.269880 -0.264422
-5.247705 -1.575176 -1109.244 -0.264422
0.75000 -0.321154 65.269880 -0.264422
-5.247705 -1.355359 -1191.633 -0.264422
1.00000 -0.321154 65.269880 -0.264422
-5.247705 -1.135542 -1274.023 -0.264422

COMB SETTLE ----- MAX
REL DIST T M2 M3 V3
0.00000 2.219499 -15.982850 -0.299759
-2.294465 -0.163694 -126.188766 -0.299759
0.25000 2.219499 -15.982850 -0.299759
-2.294465 -0.163694 -126.188766 -0.299759
0.50000 2.219499 -15.982850 -0.299759
-2.294465 -0.163694 -126.188766 -0.299759
0.75000 2.219499 -15.982850 -0.299759
-2.294465 -0.163694 -126.188766 -0.299759
1.00000 2.219499 -15.982850 -0.299759
-2.294465 -0.163694 -126.188766 -0.299759

COMB SETTLE ----- MIN
REL DIST T M2 M3 V3
0.00000 -2.219499 15.982850 0.299759
2.294465 0.163694 126.188766 0.299759
0.25000 -2.219499 15.982850 0.299759
2.294465 0.163694 126.188766 0.299759
0.50000 -2.219499 15.982850 0.299759
2.294465 0.163694 126.188766 0.299759
0.75000 -2.219499 15.982850 0.2997

0.50000 -1.965473 -39.209534 0.108944
2.185948 -2.033465 -1301.683
0.75000 -1.036743 -836.350186 0.108944
2.185948 -2.129737 -1336.332
1.00000 -1.965473 -39.209534 0.108944
2.185948 -2.226009 1370.981
LOAD -P3-----
REL DIST P M2 M3 V3
0.00000 -0.004680 19.682789 -0.020140
-2.143353 0.054111 -818.965784 -0.020140
0.25000 -0.004680 19.682789 -0.020140
-2.143353 0.071308 -836.350186 -0.020140
0.50000 -0.004680 19.682789 -0.020140
-2.143353 0.089705 -853.752588 -0.020140
0.75000 -0.004680 19.682789 -0.020140
-2.143353 0.107502 -871.145989 -0.020140
1.00000 -0.004680 19.682789 -0.020140
-2.143353 0.125299 -888.539391 -0.020140
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 79 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -P4-----
REL DIST T P M2 M3 V3
0.00000 -0.034438 -6.042861 0.012881
2.641505 1.189771 227.875766 0.012881
0.25000 -0.027439 -6.042861 0.012881
2.641505 1.178388 233.215756 0.012881
0.50000 -0.034438 -6.042861 0.012881
2.641505 1.167005 238.555747 0.012881
0.75000 -0.034438 -6.042861 0.012881
2.641505 1.155623 243.895737 0.012881
1.00000 -0.034438 -6.042861 0.012881
2.641505 1.144240 249.235728 0.012881

LOAD -P5-----
REL DIST T P M2 M3 V3
0.00000 0.016096 1.219492 -0.011477
-0.865866 -0.377564 -41.892510 -0.011477
0.25000 0.016096 1.219492 -0.011477
-0.865866 -0.367422 -41.892510 -0.011477
0.50000 0.016096 1.219492 -0.011477
-0.865866 -0.357280 -44.047806 -0.011477
0.75000 0.016096 1.219492 -0.011477
-0.865866 -0.347138 -45.125454 -0.011477
1.00000 0.016096 1.219492 -0.011477
-0.865866 -0.336995 -46.203101 -0.011477

LOAD -2N+1-----
REL DIST T P M2 M3 V3
0.00000 0.136346 -61.140020 0.121290
2.956108 -0.144088 1594.998 0.121290
0.25000 0.136346 -61.140020 0.121290
2.956108 -0.251270 1649.027 0.121290
0.50000 0.136346 -61.140020 0.121290
2.956108 -0.358453 1703.056 0.121290
0.75000 0.136346 -61.140020 0.121290
2.956108 -0.465635 1757.084 0.121290
1.00000 0.136346 -61.140020 0.121290
2.956108 -0.572818 1811.113 0.121290

LOAD -2N+2-----
REL DIST T P M2 M3 V3
0.00000 -0.136346 -61.140020 -0.121290
-2.956108 0.144088 1594.998 -0.121290
0.25000 -0.136346 -61.140020 -0.121290
-2.956108 0.251270 1649.027 -0.121290
0.50000 -0.136346 -61.140020 -0.121290
-2.956108 0.358453 1703.056 -0.121290
0.75000 -0.136346 -61.140020 -0.121290
-2.956108 0.465635 1757.084 -0.121290
1.00000 -0.136346 -61.140020 -0.121290
-2.956108 0.572818 1811.113 -0.121290

COMB SETTLE ----- MAX
REL DIST T P M2 M3 V3
0.00000 2.136257 61.140020 0.121290
2.956108 2.136257 61.140020 0.121290
0.25000 2.136257 61.140020 0.121290
2.956108 1.178388 1649.027 0.121290
0.50000 2.136257 61.140020 0.121290
2.956108 1.170308 1703.056 0.121290
0.75000 2.136257 61.140020 0.121290
2.956108 1.155623 1757.084 0.121290
1.00000 2.136257 61.140020 0.121290
2.956108 1.144240 1811.113 0.121290

COMB SETTLE ----- MIN
REL DIST T P M2 M3 V3
0.00000 -1.965473 -61.140020 -0.121290
-2.956108 -1.840920 -1594.998 -0.121290
0.25000 -1.965473 -61.140020 -0.121290
-2.956108 -1.937192 -1649.027 -0.121290
0.50000 -1.965473 -61.140020 -0.121290
-2.956108 -2.033465 -1703.056 -0.121290
0.75000 -1.965473 -61.140020 -0.121290
-2.956108 -2.129737 -1757.084 -0.121290
1.00000 -1.965473 -61.140020 -0.121290
-2.956108 -2.226009 -1811.113 -0.121290
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 80 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 21 ===== LENGTH
3.534359
LOAD -A1-----
REL DIST T P M2 M3 V3
0.00000 -0.027731 4.426323 0.003443
-1.539901 0.607721 188.342594 0.003443
0.25000 -0.027731 4.426323 0.003443
-1.539901 0.604679 184.831541 0.003443
0.50000 -0.027731 4.426323 0.003443
-1.539901 0.601637 180.520487 0.003443
0.75000 -0.027731 4.426323 0.003443
-1.539901 0.598596 176.609434 0.003443
1.00000 -0.027731 4.426323 0.003443
-1.539901 0.595554 172.698380 0.003443

LOAD -P1-----
REL DIST T P M2 M3 V3
0.00000 0.015936 -19.283494 0.015710
1.951594 0.291635 -876.364032 0.015710
0.25000 0.015936 -19.283494 0.015710
1.951594 0.291635 -876.364032 0.015710
0.50000 0.015936 -19.283494 0.015710
1.951594 0.263873 -842.286638 0.015710
0.75000 0.015936 -19.283494 0.015710
1.951594 0.240991 -825.247341 0.015710
1.00000 0.015936 -19.283494 0.015710
1.951594 0.236110 -808.209244 0.015710

LOAD -P2-----
REL DIST T P M2 M3 V3
0.00000 -2.073409 38.905027 -0.110729

-2.284009 -2.223320 1370.852
0.25000 -2.073409 38.905027 -0.110729
-2.284009 -2.125481 1336.476 -0.110729
0.50000 -2.073409 38.905027 -0.110729
-2.284009 -2.027642 1302.100 -0.110729
0.75000 -2.073409 38.905027 -0.110729
-2.284009 -1.928063 1267.124 -0.110729
1.00000 -2.073409 38.905027 -0.110729
-2.284009 -1.831964 1233.348 -0.110729
LOAD -P3-----
REL DIST T P M2 M3 V3
0.00000 0.232126 -41.085404 0.078685
-0.292893 0.621204 -888.061884 0.078685
0.25000 0.232126 -41.085404 0.078685
-0.292893 0.551679 -851.759243 0.078685
0.50000 0.232126 -41.085404 0.078685
-0.292893 0.482154 -815.456602 0.078685
0.75000 0.232126 -41.085404 0.078685
-0.292893 0.412629 -775.153961 0.078685
1.00000 0.232126 -41.085404 0.078685
-0.292893 0.343104 -742.851320 0.078685

LOAD -P4-----
REL DIST T P M2 M3 V3
0.00000 -0.294053 20.650740 0.034104
3.156125 1.019621 248.866054 0.034104
0.25000 -0.294053 20.650740 0.034104
3.156125 0.989487 230.619273 0.034104
0.50000 -0.294053 20.650740 0.034104
3.156125 0.959353 212.72491 0.034104
0.75000 -0.294053 20.650740 0.034104
3.156125 0.929219 194.125710 0.034104
1.00000 -0.294053 20.650740 0.034104
3.156125 0.899086 175.878928 0.034104

LOAD -P5-----
REL DIST T P M2 M3 V3
0.00000 2.147131 -3.613192 -0.021212
-0.990916 -0.506661 -45.634728 -0.021212
0.25000 2.147131 -3.613192 -0.021212
-0.990916 -0.298118 -40.442148 -0.021212
0.50000 2.147131 -3.613192 -0.021212
-0.990916 -0.270975 -37.249009 -0.021212
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 81 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T P M2 M3 V3
0.75000 2.147131 -3.613192 -0.021212
-0.990916 -0.260632 -34.056989 -0.021212
1.00000 2.147131 -3.613192 -0.021212
-0.990916 -0.241889 -30.864409 -0.021212

LOAD -2N+1-----
REL DIST T P M2 M3 V3
0.00000 2.395193 63.982090 0.073182
0.667785 0.595978 1808.061 0.073182
0.25000 2.395193 63.982090 0.073182
0.667785 0.531315 -175.527 0.073182
0.50000 2.395193 63.982090 0.073182
0.667785 0.466652 -1694.993 0.073182
0.75000 2.395193 63.982090 0.073182
0.667785 0.401988 -1638.459 0.073182
1.00000 2.395193 63.982090 0.073182
0.667785 0.337325 -1581.925 0.073182

LOAD -2N+2-----
REL DIST T P M2 M3 V3
0.00000 2.395193 63.982090 0.073182
0.667785 0.595978 -1808.061 0.073182
0.25000 2.395193 63.982090 0.073182
0.667785 0.531315 -175.527 0.073182
0.50000 2.395193 63.982090 0.073182
0.667785 0.466652 -1694.993 0.073182
0.75000 2.395193 63.982090 0.073182
0.667785 0.401988 -1638.459 0.073182
1.00000 2.395193 63.982090 0.073182
0.667785 0.337325 -1581.925 0.073182

COMB SETTLE ----- MAX
REL DIST T P M2 M3 V3
0.00000 2.395193 63.982090 0.078685
3.156125 1.019621 248.866054 0.078685
0.25000 2.395193 63.982090 0.078685
3.156125 0.989487 230.619273 0.078685
0.50000 2.395193 63.982090 0.078685
3.156125 0.959353 212.72491 0.078685
0.75000 2.395193 63.982090 0.078685
3.156125 0.929219 194.125710 0.078685
1.00000 2.395193 63.982090 0.078685
3.156125 0.899086 175.878928 0.078685

COMB SETTLE ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.395193 -63.982090 -0.110729
-2.284009 -2.395193 -63.982090 -0.110729
-2.284009 -2.125481 -1336.476 -0.110729
-2.284009 -2.027642 -1302.100 -0.110729
-2.284009 -1.928063 -1267.124 -0.110729
-2.284009 -1.831964 -1233.348 -0.110729

ELEM 22 ===== LENGTH
5.049402

LOAD -A1-----
REL DIST T P M2 M3 V3
0.00000 -0.055333 4.528135 0.007159
-1.213769 0.672090 172.698636 0.007159
0.25000 -0.055333 4.528135 0.007159
-1.213769 0.663042 166.993543 0.007159
0.50000 -0.055333 4.528135 0.007159
-1.213769 0.654005 161.287409 0.007159
0.75000 -0.055333 4.528135 0.007159
-1.213769 0.644967 155.551356 0.007159
1.00000 -0.055333 4.528135 0.007159
-1.213769 0.635930 149.835262 0.007159
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 82 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P1-----
REL DIST T P M2 M3 V3
0.00000 0.154900 -20.518961 0.075360
3.137494 0.148097 808.209244 0.075360
0.25000 0.154900 -20.518961 0.075360
3.137494 -0.243227 -782.296037 0.075360
0.50000 0.154900 -20.518961 0.075360
3.137494 0.338357 -756.247341 0.075360
0.75000 0.154900 -20.518961 0.075360
3.137494 -0.433488 -730.491791 0.075360
1.00000 0.154900 -20.518961 0.075360
3.137494 -0.528618 -704.589688 0.075360

LOAD -P2-----
REL DIST T P M2 M3 V3
0.00000 -2.026646 41.217379 -0.280862
-5.625322 -1.963938 173.9375 -0.280862
0.25000 -2.026646 41.217379 -0.280862
-5.625322 -1.608792 1181.344 -0.280862
0.50000 -2.026646 41.217379 -0.280862
-5.625322 1.129313 129.313 -0.280862
0.75000 -2.026646 41.217379 -0.280862
-5.625322 -0.899700 1077.282 -0.280862
1.00000 -2.026646 41.217379 -0.280862
-5.625322 -0.545154 1025.251 -0.280862

LOAD -P3-----
REL DIST T P M2 M3 V3
0.00000 0.031497 -42.332653 0.176543
-0.18713 0.899603 -742.888020 0.176543
0.25000 0.031497 -42.332653 0.176543
1.218713 0.676745 -689.449370 0.176543
0.50000 0.031497 -42.332653 0.176543
1.218713 0.453896 -636.010720 0.176543
0.75000 0.031497 -42.332653 0.176543
1.218713 0.231027 -582.572069 0.176543
1.00000 0.031497 -42.332653 0.176543
1.218713 0.008169 -529.133419 0.176543

LOAD -P4-----
REL DIST T P M2 M3 V3
0.00000 -0.243649 20.762101 0.048405
3.435799 0.760054 175.873695 0.048405
0.25000 -0.243649 20.762101 0.048405
3.435799 0.698950 149.664644 0.048405
0.50000 -0.243649 20.762101 0.048405
3.435799 0.637846 123.455593 0.048405
0.75000 -0.243649 20.762101 0.048405
3.435799 0.576742 97.246543 0.048405
1.00000 -0.243649 20.762101 0.048405
3.435799 0.515638 71.037492 0.048405

LOAD -P5-----
REL DIST T P M2 M3 V3
0.00000 2.139231 -3.656001 -0.026604
-0.952914 -0.220301 -30.861712 -0.026604
0.25000 2.139231 -3.656001 -0.026604
-0.952914 0.16717 26.44558 -0.026604
0.50000 2.139231 -3.656001 -0.026604
-0.952914 -0.153133 -21.631403 -0.026604
0.75000 2.139231 -3.656001 -0.026604
-0.952914 -0.139549 -17.015248 -0.026604
1.00000 2.139231 -3.656001 -0.026604
-0.952914 -0.085965 -12.401093 -0.026604

LOAD -2N+1-----
REL DIST T P M2 M3 V3
0.00000 -2.325628 66.507615 -0.225298
-3.403292 -0.531205 1581.948 -0.225298
0.25000 -2.325628 66.507615 -0.225298
-3.403292 -0.246800 1497.992 -0.225298
0.50000 -2.325628 66.507615 -0.225298
-3.403292 0.037604 1414.036 -0.225298
0.75000 -2.325628 66.507615 -0.225298
-3.403292 0.322009 1330.080 -0.225298
1.00000 -2.325628 66.507615 -0.225298
-3.403292 0.606414 1246.124 -0.225298
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L F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2-----
REL DIST T P M2 M3 V3
0.00000 2.325628 -66.507615 0.225298
3.403292 0.531205 1581.948 0.225298
0.25000 2.325628 -66.507615 0.225298
3.403292 -0.246800 1497.992 0.225298
0.50000 2.325628 -66.507615 0.225298
3.403292 0.037604 1414.036 0.225298
0.75000 2.325628 -66.507615 0.225298
3.403292 0.322009 1330.080 0.225298
1.00000 2.325628 -66.507615 0.225298
3.403292 -0.606414 -1246.124 0.225298

COMB SETTLE ----- MAX
REL DIST T P M2 M3 V3
0.00000 2.325628 66.507615 0.225298
3.435799 0.899603 1581.948 0.225298
0.25000 2.325628 66.507615 0.225298
3.435799 0.698950 1497.992 0.225298
0.50000 2.325628 66.507615 0.225298
3.435799 0.654005 1414.036 0.225298
0.75000 2.325628 66.507615 0.225298
3.435799 0.644967 1330.080 0.225298
1.00000 2.325628 66.507615 0.225298
3.435799 0.635930 1246.124 0.225298

COMB SETTLE ----- MIN
REL DIST T P M2 M3 V3
0.00000 -2.325628 -66.507615 -0.280862
-5.625322 -0.322009 -1581.948 -0.280862
0.25000 -2.325628 -66.507615 -0.280862
-5.625322 -1.608792 -1497.992 -0.280862
0.50000 -2.325628 -66.507615 -0.280862
-5.625322 -1.129313 -129.313 -0.280862
0.75000 -2.325628 -66.507615 -0.280862
-5.625322 -0.899700 -1077.282 -0.280862
1.00000 -2.325628 -66.507615 -0.280862
-5.625322 -0.545154 -1025.251 -0.280862

ELEM 23 ===== LENGTH
5.048875

LOAD -A1-----
REL DIST T P M2 M3 V3
0.00000 -0.072425 4.609986 0.006932
-0.792351 0.684110 149.837332 0.006932
0.25000 -0.072425 4.609986 0.006932
-0.7923

1.827799	-1.502215	-513.690447	
1.00000	0.290992	-21.910241	0.046261
1.827799	-1.506613	-486.031662	
LOAD	-P2		
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.755299	43.811859	-0.235901
0.00000	0.196314	809.104730	
0.25000	-1.751859	-0.235901	
-0.081651	0.496108	753.798047	
0.50000	-1.755299	43.811859	-0.235901
0.081651	0.793902	698.491364	
0.75000	-1.751859	-0.235901	
-0.081651	1.091697	643.184681	
1.00000	-1.755299	43.811859	-0.235901
-0.081651	1.389491	587.877998	
LOAD	-P3		
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.442637	-43.720932	0.135748
0.251539	0.466463	-311.092243	
0.25000	-0.442637	-43.720932	0.135748
0.215339	0.295100	-255.800343	
0.50000	-0.442637	-43.720932	0.135748
0.215339	0.123736	-200.708444	
0.75000	-0.442637	-43.720932	0.135748
1.00000	-0.476727	-145.516544	
0.215339	-0.442637	-43.720932	0.135748
1.00000	-0.218991	-90.324645	
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FRAME ELEMENT INTERNAL FORCES			
LOAD	-P4		
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.135115	20.876388	0.073375
0.132366	-0.114487	-34.195293	
0.25000	-0.135115	20.876388	0.073375
3.142366	-0.207113	-60.548974	
0.50000	-0.135115	20.876388	0.073375
3.142366	-0.299740	-86.902655	
0.75000	-0.135115	20.876388	0.073375
3.142366	-0.392366	-113.256336	
1.00000	-0.135115	20.876388	0.073375
3.142366	-0.484993	-139.610016	
LOAD	-P5		
REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.123682	-3.728590	-0.029258
-0.709951	0.102262	6.286081	
0.25000	2.123682	-3.728590	-0.029258
-0.709951	0.139197	10.992334	
0.50000	2.123682	-3.728590	-0.029258
-0.709951	0.176131	15.699787	
0.75000	2.123682	-3.728590	-0.029258
-0.709951	0.210966	20.408788	
1.00000	2.123682	-3.728590	-0.029258
-0.709951	0.250001	25.113492	
LOAD	-2N+1		
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.971837	69.359763	-0.152750
-3.333187	0.758294	901.472961	
0.25000	-1.971837	69.359763	-0.152750
-3.333187	0.951122	813.915424	
0.50000	-1.971837	69.359763	-0.152750
-3.333187	1.143949	726.357888	
0.75000	-1.971837	69.359763	-0.152750
-3.333187	1.336776	638.800352	
1.00000	-1.971837	69.359763	-0.152750
-3.333187	1.529603	551.242815	
LOAD	-2N+2		
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.971837	-69.359763	0.152750
3.333187	-0.758294	-901.472961	
0.25000	1.971837	-69.359763	0.152750
3.333187	-0.951122	-813.915424	
0.50000	1.971837	-69.359763	0.152750
3.333187	-1.143949	-726.357888	
0.75000	1.971837	-69.359763	0.152750
3.333187	-1.336776	-638.800352	
1.00000	1.971837	-69.359763	0.152750
3.333187	-1.529603	-551.242815	
COMB SETTLE	-----	MAX	
REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.123682	69.359763	0.152750
0.333187	0.758294	901.472961	
0.25000	2.123682	69.359763	0.152750
0.333187	0.951122	813.915424	
0.50000	2.123682	69.359763	0.152750
0.333187	1.143949	726.357888	
0.75000	2.123682	69.359763	0.152750
0.333187	1.336776	638.800352	
1.00000	2.123682	69.359763	0.152750
0.333187	1.529603	587.877998	
COMB SETTLE	-----	MIN	
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.971837	-69.359763	-0.235901
-0.081651	-1.327020	-901.472961	
0.25000	-1.971837	-69.359763	-0.235901
-0.081651	-1.385418	-813.915424	
0.50000	-1.971837	-69.359763	-0.235901
-0.081651	-1.443816	-726.357888	
0.75000	-1.971837	-69.359763	-0.235901
-0.081651	-1.502215	-638.800352	
1.00000	-1.971837	-69.359763	-0.235901
-0.081651	-1.560613	-551.242815	
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FRAME ELEMENT INTERNAL FORCES			
ELEM	25	=====	LENGTH
5.049183			
LOAD	-A1		
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.083043	4.692992	0.014279
0.041462	0.629799	102.975458	
0.25000	-0.083043	4.692992	0.014279
0.041462	0.611774	97.051514	
0.50000	-0.083043	4.692992	0.014279
0.041462	0.593749	91.127570	
0.75000	-0.083043	4.692992	0.014279
0.041462	0.575725	85.203626	
1.00000	-0.083043	4.692992	0.014279
0.041462	0.557700	79.279682	
LOAD	-P1		
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.303400	-22.116997	0.001738
0.136664	-1.594886	-486.034651	
0.25000	0.303400	-22.116997	0.001738
0.136664	-1.597080	-458.116459	

0.50000	0.303400	-22.116997	0.001738
0.136664	1.599275	-430.198268	
0.75000	0.303400	-22.116997	0.001738
0.136664	-1.601469	-402.280076	
1.00000	0.303400	-22.116997	0.001738
0.136664	-1.603663	-374.361884	
LOAD -P2-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.544765	44.209885	-0.160788
-4.579659	0.794779	587.941072	
0.25000	-1.544765	44.209885	-0.160788
-4.579659	0.997741	532.151200	
0.50000	-1.544765	44.209885	-0.160788
-4.579659	1.200702	476.329168	
0.75000	-1.544765	44.209885	-0.160788
-4.579659	1.402634	420.523217	
1.00000	-1.544765	44.209885	-0.160788
-4.579659	1.606626	364.717265	
LOAD -P3-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.707156	-43.933256	0.101799
0.256040	0.525733	-20.891594	
0.25000	-0.707156	-43.933256	0.101799
0.256040	0.707156	-34.932436	
0.50000	-0.707156	-43.933256	0.101799
0.256040	0.268731	-20.531934	
0.75000	-0.707156	-43.933256	0.101799
0.256040	0.140230	-75.986698	
1.00000	-0.707156	-43.933256	0.101799
0.256040	0.011729	131.445462	
LOAD -P4-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086174	20.891979	0.072589
0.259635	-0.621747	-139.615973	
0.25000	-0.086174	20.891979	0.072589
0.259635	0.713376	-165.987631	
0.50000	-0.086174	20.891979	0.072589
0.259635	-0.805005	-192.356868	
0.75000	-0.086174	20.891979	0.072589
0.259635	-0.896634	-218.731546	
1.00000	-0.086174	20.891979	0.072589
0.259635	-0.988263	-245.103403	
LOAD -P5-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.117738	-3.744603	-0.029618
-0.524141	0.260523	25.156939	
0.25000	2.117738	-3.744603	-0.029618
-0.524141	0.303710	29.842486	
0.50000	2.117738	-3.744603	-0.029618
-0.524141	0.341097	34.569923	
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FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	V2	V3
T	M2	M3	
0.75000	2.117738	-3.744603	-0.029618
-0.524141	0.378484	39.296080	
1.00000	2.117738	-3.744603	-0.029618
-0.524141	0.415871	44.022877	
LOAD -2N+1-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.713982	69.794857	-0.073919
-2.178562	0.802831	-551.300556	
0.25000	-1.713982	69.794857	-0.073919
-2.178562	0.896139	-463.198803	
0.50000	-1.713982	69.794857	-0.073919
-2.178562	0.989447	-375.097050	
0.75000	-1.713982	69.794857	-0.073919
-2.178562	1.082755	-286.995297	
1.00000	-1.713982	69.794857	-0.073919
-2.178562	1.176063	-198.893545	
LOAD -2N+2-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.713982	-69.794857	0.073919
2.178562	-0.802831	-551.300556	
0.25000	1.713982	-69.794857	0.073919
2.178562	-0.896139	-463.198803	
0.50000	1.713982	-69.794857	0.073919
2.178562	-0.989447	-375.097050	
0.75000	1.713982	-69.794857	0.073919
2.178562	-1.082755	-286.995297	
1.00000	1.713982	-69.794857	0.073919
2.178562	-1.176063	-198.893545	
COMB SETTLE ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.117738	69.794857	0.101799
0.256040	0.802831	587.941072	
0.25000	2.117738	69.794857	0.101799
0.256040	0.997741	532.151200	
0.50000	2.117738	69.794857	0.101799
0.256040	1.200702	476.329168	
0.75000	2.117738	69.794857	0.101799
0.256040	1.402634	420.523217	
1.00000	2.117738	69.794857	0.101799
0.256040	1.606626	364.717265	
COMB SETTLE ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.713982	-69.794857	-0.160788
-4.579659	-1.594886	-551.300556	
0.25000	-1.713982	-69.794857	-0.160788
-4.579659	-1.597080	-463.198803	
0.50000	-1.713982	-69.794857	-0.160788
-4.579659	-1.599275	-430.198268	
0.75000	-1.713982	-69.794857	-0.160788
-4.579659	-1.601469	-402.280076	
1.00000	-1.713982	-69.794857	-0.160788
-4.579659	-1.603663	-374.361884	
ELEM	26	=====	LENGTH
5.050032			
LOAD -A1-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.078417	4.704937	0.018066
0.358528	0.544874	79.294945	
0.25000	-0.078417	4.704937	0.018066
0.358528	0.522065	73.393384	
0.50000	-0.078417	4.704937	0.018066
0.358528	0.499257	67.391925	
0.75000	-0.078417	4.704937	0.018066
0.358528	0.476449	61.459343	
1.00000	-0.078417	4.704937	0.018066
0.358528	0.453640	55.519322	
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FRAME ELEMENT INTERNAL FORCES			
LOAD -P1-----			

LOAD				-P1				0.873908				0.082714				-9.826305				Program				SAP2000				Nonlinear				Version				7.42				0.762274				-0.115728				-51.819053															
REL DIST				P				M				V				0.00000				-0.043598				4.701593				File:상행S11-S1504.OUT				1.00000				-0.018358				4.668908				0.011372																			
				0.873908				0.059384				-15.761269				0.018482																																															
LOAD				-P2				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				-0.920236				-149.49771																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P3				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P4				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P5				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P6				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P7				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P8				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P9				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P10				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P11				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P12				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P13				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P14				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P15				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P16				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P17				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P18				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P19				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P20				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P21				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P22				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P23				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P24				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P25				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P26				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P27				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330																																							
				0.00000				0.190485				-22.217330				-0.043554																																															
LOAD				-P28				0.00000				0.190485				-22.217330				-0.043554																																											
REL DIST				P				M				V				0.00000				0.190485				-22.217330								</																															

REL DIST P M2 V2 V3
0.00000 -0.007163 -1.339665 0.006187
0.627875 -0.156225 -55.945650 0.006187
0.25000 -0.007163 -1.339665 0.006187
0.627875 -0.161692 -54.762041 0.006187
0.50000 -0.007163 -1.339665 0.006187
0.627875 -0.167158 -53.576432 0.006187
0.75000 -0.007163 -1.339665 0.006187
0.627875 -0.172625 -52.394822 0.006187
1.00000 -0.007163 -1.339665 0.006187
0.627875 -0.178092 -51.211213 0.006187

LOAD -P1-----
REL DIST T M2 M3 V3
0.00000 -0.034286 6.269286 -0.019896
2.810086 0.318956 263.621460 -0.019896
0.25000 -0.034286 6.269286 -0.019896
-2.810086 0.336534 258.082473 -0.019896
0.50000 -0.034286 6.269286 -0.019896
-2.810086 0.354113 252.543486 -0.019896
0.75000 -0.034286 6.269286 -0.019896
-2.810086 0.371691 247.004499 -0.019896
1.00000 -0.034286 6.269286 -0.019896
-2.810086 0.389269 241.465512 -0.019896

LOAD -P2-----
REL DIST T M2 M3 V3
0.00000 0.069925 -19.272399 0.044149
2.203911 0.069925 987.977497 0.044149
0.25000 0.069925 -19.272399 0.044149
2.203911 1.219306 -87.950108 0.044149
0.50000 0.069925 -19.272399 0.044149
2.203911 1.180300 -95.622719 0.044149
0.75000 0.069925 -19.272399 0.044149
2.203911 1.141294 -836.895330 0.044149
1.00000 0.069925 -19.272399 0.044149
2.203911 1.102287 -619.567941 0.044149

LOAD -P3-----
REL DIST T M2 M3 V3
0.00000 -1.762890 37.418742 -0.135991
2.426485 -2.370491 1350.551 -0.135991
0.25000 -1.762890 37.418742 -0.135991
-2.426485 -2.250342 1317.491 -0.135991
0.50000 -1.762890 37.418742 -0.135991
2.426485 -2.130192 1284.432 -0.135991
0.75000 -1.762890 37.418742 -0.135991
-2.426485 -2.010042 1251.372 -0.135991
1.00000 -1.762890 37.418742 -0.135991
2.426485 -1.889892 1218.312 -0.135991
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 100 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -P4-----
REL DIST T M2 M3 V3
0.00000 -0.488932 -35.594835 0.018186
0.642898 0.214911 -821.046544 0.018186
0.25000 -0.488932 -35.594835 0.018186
0.642898 0.119328 -789.598093 0.018186
0.50000 -0.488932 -35.594835 0.018186
0.642898 0.023744 -751.496443 0.018186
0.75000 -0.488932 -35.594835 0.018186
0.642898 -0.071839 -726.701192 0.018186
1.00000 -0.488932 -35.594835 0.018186
0.642898 -0.167423 -695.252742 0.018186

LOAD -P5-----
REL DIST T M2 M3 V3
0.00000 2.223345 12.518871 -0.002635
1.761887 0.734537 150.796854 -0.002635
0.25000 2.223345 12.518871 -0.002635
1.761887 0.736885 139.362826 -0.002635
0.50000 2.223345 12.518871 -0.002635
1.761887 0.739193 128.675718 -0.002635
0.75000 2.223345 12.518871 -0.002635
1.761887 0.741521 117.615150 -0.002635
1.00000 2.223345 12.518871 -0.002635
1.761887 0.743850 106.554582 -0.002635

LOAD -2N+1-----
REL DIST T M2 M3 V3
0.00000 -0.426170 -56.206899 0.158522
3.474684 1.316998 -1764.970 0.158522
0.25000 -0.426170 -56.206899 0.158522
3.474684 1.151530 -1665.651 0.158522
0.50000 -0.426170 -56.206899 0.158522
3.474684 1.036886 -1665.651 0.158522
0.75000 -0.426170 -56.206899 0.158522
3.474684 0.949829 -1665.651 0.158522
1.00000 -0.426170 -56.206899 0.158522
3.474684 0.756773 -1566.332 0.158522

LOAD -2N+2-----
REL DIST T M2 M3 V3
0.00000 0.426170 56.206899 -0.158522
-3.474684 -1.316998 1764.970 -0.158522
0.25000 0.426170 56.206899 -0.158522
-3.474684 -1.151530 1665.651 -0.158522
0.50000 0.426170 56.206899 -0.158522
-3.474684 -1.036886 1665.651 -0.158522
0.75000 0.426170 56.206899 -0.158522
-3.474684 -0.949829 1665.651 -0.158522
1.00000 0.426170 56.206899 -0.158522
-3.474684 -0.756773 1566.332 -0.158522

COMB SETTLE ----- MAX
REL DIST T M2 M3 V3
0.00000 2.223345 12.518871 0.158522
3.474684 1.316998 1764.970 0.158522
0.25000 2.223345 12.518871 0.158522
3.474684 1.151530 1665.651 0.158522
0.50000 2.223345 12.518871 0.158522
3.474684 1.036886 1665.651 0.158522
0.75000 2.223345 12.518871 0.158522
3.474684 0.949829 1665.651 0.158522
1.00000 2.223345 12.518871 0.158522
3.474684 0.756773 1566.332 0.158522

COMB SETTLE ----- MIN
REL DIST T M2 M3 V3
0.00000 -1.762890 -37.418742 -0.135991
-2.426485 2.370491 -1350.551 -0.135991
0.25000 -1.762890 -37.418742 -0.135991
2.426485 2.250342 -1317.491 -0.135991
0.50000 -1.762890 -37.418742 -0.135991
2.426485 2.130192 -1284.432 -0.135991
0.75000 -1.762890 -37.418742 -0.135991
2.426485 2.010042 -1251.372 -0.135991
1.00000 -1.762890 -37.418742 -0.135991
2.426485 1.889892 -1218.312 -0.135991
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 101 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
ELEM 33 ===== LENGTH
= 5.050025

LOAD -A1-----
REL DIST T M2 M3 V3
0.00000 0.001429 -1.350904 0.000871
0.427259 0.201855 1067.977 0.000871
0.25000 0.001429 -1.350904 0.000871
0.427259 -0.202956 -49.506472 0.000871
0.50000 0.001429 -1.350904 0.000871
0.75000 -0.204056 -47.801807 0.000871
0.75000 0.001429 -1.350904 0.000871
0.427259 -0.205156 -46.095421 0.000871
1.00000 0.001429 -1.350904 0.000871
0.427259 -0.206256 -44.369596 0.000871

LOAD -P1-----
REL DIST T M2 M3 V3
0.00000 -0.072159 6.347110 -0.011503
0.515699 0.494029 241.469238 -0.011503
0.25000 -0.072159 6.347110 -0.011503
-2.158699 0.508552 233.455972 -0.011503
0.50000 -0.072159 6.347110 -0.011503
0.50000 0.523074 225.442706 -0.011503
0.75000 -0.072159 6.347110 -0.011503
-2.158699 0.537597 217.429440 -0.011503
1.00000 -0.072159 6.347110 -0.011503
-2.158699 0.552120 209.416174 -0.011503

LOAD -P2-----
REL DIST T M2 M3 V3
0.00000 0.205806 -20.510147 0.115369
3.487707 0.726881 -819.858489 0.115369
0.25000 0.205806 -20.510147 0.115369
3.487707 0.581227 93.7464300 0.115369
0.50000 0.205806 -20.510147 0.115369
3.487707 0.435573 -768.070110 0.115369
0.75000 0.205806 -20.510147 0.115369
3.487707 0.289920 -742.175921 0.115369
1.00000 0.205806 -20.510147 0.115369
3.487707 0.144266 -716.281732 0.115369

LOAD -P3-----
REL DIST T M2 M3 V3
0.00000 -1.720024 39.726344 -0.308879
-6.027239 -2.010743 1218.339 -0.308879
0.25000 -1.720024 39.726344 -0.308879
-6.027239 -1.620782 1168.184 -0.308879
0.50000 -1.720024 39.726344 -0.308879
-6.027239 -1.230821 1118.030 -0.308879
0.75000 -1.720024 39.726344 -0.308879
-6.027239 -0.840860 1067.977 -0.308879
1.00000 -1.720024 39.726344 -0.308879
-6.027239 -0.450899 1017.720 -0.308879

LOAD -P4-----
REL DIST T M2 M3 V3
0.00000 -0.678143 -36.814308 0.204877
2.369414 0.357885 -695.291950 0.204877
0.25000 -0.678143 -36.814308 0.204877
2.369414 0.099226 -648.813656 0.204877
0.50000 -0.678143 -36.814308 0.204877
2.369414 -0.159432 -602.335363 0.204877
0.75000 -0.678143 -36.814308 0.204877
2.369414 0.418091 -555.857089 0.204877
1.00000 -0.678143 -36.814308 0.204877
2.369414 -0.676749 -509.378775 0.204877

LOAD -P5-----
REL DIST T M2 M3 V3
0.00000 2.263092 12.601905 -0.000735
1.856218 0.633805 106.554105 -0.000735
0.25000 2.263092 12.601905 -0.000735
1.856218 0.634733 90.644121 -0.000735
0.50000 2.263092 12.601905 -0.000735
1.856218 0.635662 74.734137 -0.000735
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 102 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T M2 M3 V3
0.00000 2.263092 12.601905 -0.000735
1.856218 0.635690 58.624152 -0.000735
1.856218 0.637518 42.914168 -0.000735

LOAD -2N+1-----
REL DIST T M2 M3 V3
0.00000 -0.470909 -58.675359 0.321117
6.329720 0.862910 -1566.362 0.321117
0.25000 -0.470909 -58.675359 0.321117
6.329720 0.477498 -1492.284 0.321117
0.50000 -0.470909 -58.675359 0.321117
6.329720 0.072085 -1418.206 0.321117
0.75000 -0.470909 -58.675359 0.321117
6.329720 -0.333327 -1344.128 0.321117
1.00000 -0.470909 -58.675359 0.321117
6.329720 -0.738739 -1270.050 0.321117

LOAD -2N+2-----
REL DIST T M2 M3 V3
0.00000 0.470909 58.675359 -0.321117
-6.329720 0.862910 -1566.362 -0.321117
0.25000 0.470909 58.675359 -0.321117
-6.329720 -0.477498 -1492.284 -0.321117
0.50000 0.470909 58.675359 -0.321117
-6.329720 0.072085 -1418.206 -0.321117
0.75000 0.470909 58.675359 -0.321117
-6.329720 -0.333327 -1344.128 -0.321117
1.00000 0.470909 58.675359 -0.321117
-6.329720 -0.738739 -1270.050 -0.321117

COMB SETTLE ----- MAX
REL DIST T M2 M3 V3
0.00000 0.470909 58.675359 -0.321117
-6.329720 0.862910 -1566.362 -0.321117
0.25000 0.470909 58.675359 -0.321117
-6.329720 -0.477498 -1492.284 -0.321117
0.50000 0.470909 58.675359 -0.321117
-6.329720 0.072085 -1418.206 -0.321117
0.75000 0.470909 58.675359 -0.321117
-6.329720 -0.333327 -1344.128 -0.321117
1.00000 0.470909 58.675359 -0.321117
-6.329720 -0.738739 -1270.050 -0.321117

COMB SETTLE ----- MIN
REL DIST T M2 M3 V3
0.00000 -1.720024 -39.726344 -0.308879
6.329720 -2.010743 -1218.339 -0.308879
0.25000 -1.720024 -39.726344 -0.308879
6.329720 -1.620782 -1168.184 -0.308879
0.50000 -1.720024 -39.726344 -0.308879
6.329720 -1.230821 -1118.030 -0.308879
0.75000 -1.720024 -39.726344 -0.308879
6.329720 -0.840860 -1067.977 -0.308879
1.00000 -1.720024 -39.726344 -0.308879
6.329720 -0.450899 -1017.720 -0.308879

ELEM 34 ===== LENGTH
= 5.048829

REL DIST T M2 M3 V3
0.00000 0.006872 -1.358025 -0.001682
0.277087 -0.221570 -44.390905 -0.001682
0.25000 0.006872 -1.358025 -0.001682
0.277087 -0.219447 -42.676796 -0.001682
0.50000 0.006872 -1.358025 -0.001682
0.277087 -0.217325 -40.962687 -0.001682
0.75000 0.006872 -1.358025 -0.001682
0.277087 -0.215202 -39.248578 -0.001682
1.00000 0.006872 -1.358025 -0.001682
0.277087 -0.213080 -37.534470 -0.001682
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 103 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -P1-----
REL DIST T M2 M3 V3
0.00000 -0.095193 6.396499 -0.006898
-1.287774 0.616776 209.421145 -0.006898
0.25000 -0.095193 6.396499 -0.006898
1.287774 0.62862 201.34737 -0.006898
0.50000 -0.095193 6.396499 -0.006898
-1.287774 0.634189 193.273729 -0.006898
0.75000 -0.095193 6.396499 -0.006898
1.287774 0.642626 185.200022 -0.006898
1.00000 -0.095193 6.396499 -0.006898
-1.287774 0.651602 177.126314 -0.006898

LOAD -P2-----
REL DIST T M2 M3 V3
0.00000 0.289806 -21.368994 0.128070
2.990361 -0.090173 -716.283797 0.128070
0.25000 0.289806 -21.368994 0.128070
2.990361 0.251825 -689.311696 0.128070
0.50000 0.289806 -21.368994 0.128070
2.990361 -0.43476 -662.339595 0.128070
0.75000 0.289806 -21.368994 0.128070
2.990361 0.575127 -635.367494 0.128070
1.00000 0.289806 -21.368994 0.128070
2.990361 -0.736778 -608.395393 0.128070

< UNEQUAL Page SETTLEMENT 105 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -P3-----
REL DIST T M2 M3 V3
0.00000 -1.617422 41.339147 -0.329264
6.749865 -0.744662 107.717070 -0.329264
0.25000 -1.617422 41.339147 -0.329264
6.749865 -0.328723 965.590938 -0.329264
0.50000 -1.617422 41.339147 -0.329264
6.749865 -0.098677 913.412364 -0.329264
0.75000 -1.617422 41.339147 -0.329264
6.749865 0.502476 861.233790 -0.329264
1.00000 -1.617422 41.339147 -0.329264
6.749865 0.918076 809.055217 -0.329264

LOAD -P4-----
REL DIST T M2 M3 V3
0.00000 -0.888714 -37.667781 0.203897
9.224304 0.081212 -509.427552 0.203897
0.25000 -0.888714 -37.667781 0.203897
9.224304 -0.338572 -461.883003 0.203897
0.50000 -0.888714 -37.667781 0.203897
9.224304 -0.395933 -414.339455 0.203897
0.75000 -0.888714 -37.667781 0.203897
9.224304 -0.853294 -366.793907 0.203897
1.00000 -0.888714 -37.667781 0.203897
9.224304 -1.110655 -319.249358 0.203897

LOAD -P5-----
REL DIST T M2 M3 V3
0.00000 2.304650 12.659154 0.005876
1.845887 0.520501 42.911597 0.005876
0.25000 2.304650 12.659154 0.005876
1.845887 0.513085 36.933121 0.005876
0.50000 2.304650 12.659154 0.005876
1.845887 0.505668 30.954644 0.005876
0.75000 2.304650 12.659154 0.005876
1.845887 0.498251 25.023833 0.005876
1.00000 2.304650 12.659154 0.005876
1.845887 0.490834 -21.002309 0.005876

LOAD -2N+1-----
REL DIST T M2 M3 V3
0.00000 -0.592035 -60.394800 0.330286
6.191752 -0.392955 -1270.102 0.330286
0.25000 -0.592035 -60.394800 0.330286
6.191752 0.090844 -1193.871 0.330286
0.50000 -0.592035 -60.394800 0.330286
6.191752 -1.226734 -1117.641 0.330286
0.75000 -0.592035 -60.394800 0.330286
6.191752 0.616623 -1041.410 0.330286
1.00000 -0.592035 -60.394800 0.330286
6.191752 -2.060512 -965.179221 0.330286
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L F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -2N+2-----
REL DIST T M2 M3 V3
0.00000 0.592035 60.394800 -0.330286
-6.191752 0.392955 1270.102 -0.330286
0.25000 0.592035 60.394800 -0.330286
-6.191752 0.090844 -1193.871 -0.330286
0.50000 0.592035 60.394800 -0.330286
-6.191752 1.226734 -1117.641 -0.330286
0.75000 0.592035 60.394800 -0.330286
-6.191752 0.616623 -1041.410 -0.330286
1.00000 0.592035 60.394800 -0.330286
-6.191752 2.

0.50000 -1.457772 -61.446894 -0.266520
6.314828 -2.167590 -810.094956
0.75000 -1.457772 -61.446894 -0.266520
-6.314828 -2.491691 -732.522432
1.00000 -1.457772 -61.446894 -0.266520
-6.314828 -2.815793 -654.949907

ELEM 36 ===== LENGTH
5.048752

LOAD -A1-----

REL DIST P M2 M3 V3
0.00000 0.010777 -1.365697 -0.004093
-0.025794 -0.208156 -30.640692
0.25000 0.010777 -1.365697 -0.004093
-0.025794 -0.010299 -28.916925
0.50000 0.010777 -1.365697 -0.004093
-0.025794 -0.197823 -27.193158
0.75000 0.010777 -1.365697 -0.004093
-0.025794 -0.192657 -25.469391
1.00000 0.010777 -1.365697 -0.004093
-0.025794 -0.187490 -23.745624

LOAD -P1-----

REL DIST T P M2 M3 V3
0.00000 -0.107774 6.444618 0.004031
0.104299 0.893375 144.614470
0.25000 -0.107774 6.444618 0.004031
0.104299 0.698287 136.480152
0.50000 -0.107774 6.444618 0.004031
0.104299 0.863199 128.345634
0.75000 -0.107774 6.444618 0.004031
0.104299 0.678111 120.211517
1.00000 -0.107774 6.444618 0.004031
0.104299 0.573023 112.077199

LOAD -P2-----

REL DIST T P M2 M3 V3
0.00000 0.340031 -22.110587 0.048012
0.259940 -1.343297 -49.780568
0.25000 0.340031 -22.110587 0.048012
0.259940 -1.403097 -46.9878340
0.50000 0.340031 -22.110587 0.048012
0.259940 -1.463697 -44.144618
0.75000 0.340031 -22.110587 0.048012
0.259940 -1.524298 -41.4062904
1.00000 0.340031 -22.110587 0.048012
0.259940 -1.584898 -38.6155186

LOAD -P3-----

REL DIST T P M2 M3 V3
0.00000 -1.251509 42.716970 -0.194004
4.878693 1.227872 595.470571
0.25000 -1.251509 42.716970 -0.194004
-4.878693 1.472741 541.553724
0.50000 -1.251509 42.716970 -0.194004
-4.878693 1.711611 487.636877
0.75000 -1.251509 42.716970 -0.194004
-4.878693 1.962480 433.720030
1.00000 -1.251509 42.716970 -0.194004
4.878693 2.207349 379.803183
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FRAME ELEMENT INTERNAL FORCES

LOAD -P4-----

REL DIST T P M2 M3 V3
0.00000 -1.378671 -38.384761 0.135844
3.399306 -1.378671 -38.384761 0.135844
0.25000 -1.378671 -38.384761 0.135844
3.399306 -1.745004 -78.137623
0.50000 -1.378671 -38.384761 0.135844
3.399306 -0.915684 -29.694959
0.75000 -1.378671 -38.384761 0.135844
3.399306 -1.087924 18.759948
1.00000 -1.378671 -38.384761 0.135844
3.399306 -1.259384 67.208733

LOAD -P5-----

REL DIST T P M2 M3 V3
0.00000 2.387144 12.699459 0.010211
1.140942 0.202950 -85.071884
0.25000 2.387144 12.699459 0.010211
1.140942 0.190062 -101.100989
0.50000 2.387144 12.699459 0.010211
1.140942 0.177175 -117.130994
0.75000 2.387144 12.699459 0.010211
1.140942 0.164287 -133.159200
1.00000 2.387144 12.699459 0.010211
1.140942 0.151400 -149.188305

LOAD -2N+1-----

REL DIST T P M2 M3 V3
0.00000 -1.027862 -61.861046 0.179762
3.633452 -2.124197 -655.013157
0.25000 -1.027862 -61.861046 0.179762
3.633452 -2.351090 -576.932887
0.50000 -1.027862 -61.861046 0.179762
3.633452 -2.577984 -498.852617
0.75000 -1.027862 -61.861046 0.179762
3.633452 -2.804878 -420.723477
1.00000 -1.027862 -61.861046 0.179762
3.633452 -3.031772 -342.692077

LOAD -2N+2-----

REL DIST T P M2 M3 V3
0.00000 1.027862 61.861046 -0.179762
-3.633452 2.124197 655.013157
0.25000 1.027862 61.861046 -0.179762
-3.633452 2.351090 576.932887
0.50000 1.027862 61.861046 -0.179762
-3.633452 2.577984 498.852617
0.75000 1.027862 61.861046 -0.179762
-3.633452 2.804878 420.723477
1.00000 1.027862 61.861046 -0.179762
-3.633452 3.031772 342.692077

COMB SETTLE ----- MAX

REL DIST T P M2 M3 V3
0.00000 2.387144 61.861046 0.179762
3.633452 2.124197 655.013157
0.25000 2.387144 61.861046 0.179762
3.633452 2.351090 576.932887
0.50000 2.387144 61.861046 0.179762
3.633452 2.577984 498.852617
0.75000 2.387144 61.861046 0.179762
3.633452 2.804878 420.723477
1.00000 2.387144 61.861046 0.179762
3.633452 3.031772 342.692077

COMB SETTLE ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.378671 -61.861046 -0.194004
4.878693 -1.224197 -595.470571
0.25000 -1.378671 -61.861046 -0.194004
-4.878693 -2.351090 -576.932887
0.50000 -1.378671 -61.861046 -0.194004
-4.878693 -2.577984 -498.852617
0.75000 -1.378671 -61.861046 -0.194004
-4.878693 -2.804878 -420.723477
1.00000 -1.378671 -61.861046 -0.194004
-4.878693 -3.031772 -342.692077

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FRAME ELEMENT INTERNAL FORCES

ELEM 37 ===== LENGTH
5.049947

LOAD -A1-----

LOAD -P1-----

REL DIST T P M2 M3 V3
0.00000 -0.099338 6.450350 0.007917
0.651825 0.051009 112.023766
0.25000 -0.099338 6.450350 0.007917
0.651825 0.641014 103.933095
0.50000 -0.099338 6.450350 0.007917
0.651825 0.631018 95.782114
0.75000 -0.099338 6.450350 0.007917
0.651825 0.621022 87.646133
1.00000 -0.099338 6.450350 0.007917
0.651825 0.611027 79.502653

LOAD -P2-----

REL DIST T P M2 M3 V3
0.00000 0.315434 -22.202350 0.015978
-1.381111 -1.514997 -386.156495
0.25000 0.315434 -22.202350 0.015978
-1.381111 -1.535169 -358.126324
0.50000 0.315434 -22.202350 0.015978
-1.381111 -1.555341 -330.096154
0.75000 0.315434 -22.202350 0.015978
-1.381111 -1.575514 -302.065984
1.00000 0.315434 -22.202350 0.015978
-1.381111 -1.595686 -274.035813

LOAD -P3-----

REL DIST T P M2 M3 V3
0.00000 -1.010903 42.866748 -0.146825
-3.482191 -1.010903 379.865378
0.25000 -1.010903 42.866748 -0.146825
-3.482191 -1.713915 325.746800
0.50000 -1.010903 42.866748 -0.146825
-3.482191 -1.899280 271.627982
0.75000 -1.010903 42.866748 -0.146825
-3.482191 -2.084645 217.509284
1.00000 -1.010903 42.866748 -0.146825
-3.482191 -2.270010 163.390586

LOAD -P4-----

REL DIST T P M2 M3 V3
0.00000 -1.633300 -38.429295 0.128566
3.922020 -0.541830 67.146885
0.25000 -1.633300 -38.429295 0.128566
3.922020 0.704142 151.633557
0.50000 -1.633300 -38.429295 0.128566
3.922020 -0.866455 164.179829
0.75000 -1.633300 -38.429295 0.128566
3.922020 1.026767 212.696300
1.00000 -1.633300 -38.429295 0.128566
3.922020 -1.191080 261.212772

LOAD -P5-----

REL DIST T P M2 M3 V3
0.00000 2.418928 12.681189 -0.000956
0.431923 0.061998 -149.186987
0.25000 2.418928 12.681189 -0.000956
0.431923 0.063206 -165.196819
0.50000 2.418928 12.681189 -0.000956
0.431923 0.064413 -181.206652
0.75000 2.418928 12.681189 -0.000956
0.431923 0.065621 -197.216484
1.00000 2.418928 12.681189 -0.000956
0.431923 0.066828 -213.226316

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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.00000 2.418928 12.681189 -0.000956
0.431923 0.065621 -197.216484
0.25000 2.418928 12.681189 -0.000956
0.431923 0.066828 -213.226316
0.50000 2.418928 12.681189 -0.000956
0.431923 0.068036 -229.236148
0.75000 2.418928 12.681189 -0.000956
0.431923 0.069244 -245.245980
1.00000 2.418928 12.681189 -0.000956
0.431923 0.070452 -261.255812

LOAD -2N+1-----

REL DIST T P M2 M3 V3
0.00000 -1.600820 -61.875800 0.170525
1.821213 -2.122705 -29.726537
0.25000 -1.600820 -61.875800 0.170525
1.821213 -2.351090 -57.378833
0.50000 -1.600820 -61.875800 0.170525
1.821213 -2.553209 126.484203
0.75000 -1.600820 -61.875800 0.170525
1.821213 -2.755320 260.940228
1.00000 -1.600820 -61.875800 0.170525
1.821213 -2.957441 395.395595

LOAD -2N+2-----

REL DIST T P M2 M3 V3
0.00000 1.600820 61.875800 -0.170525
-1.821213 2.122705 29.726537
0.25000 1.600820 61.875800 -0.170525
-1.821213 2.351090 57.378833
0.50000 1.600820 61.875800 -0.170525
-1.821213 2.553209 126.484203
0.75000 1.600820 61.875800 -0.170525
-1.821213 2.755320 260.940228
1.00000 1.600820 61.875800 -0.170525
-1.821213 2.957441 395.395595

COMB SETTLE ----- MAX

REL DIST T P M2 M3 V3
0.00000 2.418928 61.998288 0.139864
-2.398443 -2.241557 -342.754967
0.25000 2.418928 61.998288 0.139864
-2.398443 2.418134 264.482956
0.50000 2.418928 61.998288 0.139864
-2.398443 2.594711 186.918155
0.75000 2.418928 61.998288 0.139864
-2.398443 2.771288 107.938933
1.00000 2.418928 61.998288 0.139864
-2.398443 2.947865 29.666922

COMB SETTLE ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.633300 -61.998288 -0.146825
-3.482191 -2.241557 -386.156495
0.25000 -1.633300 -61.998288 -0.146825
-3.482191 -2.418134 -358.126324

0.50000 -1.633300 -61.998288 -0.146825
-3.482191 -2.594711 -330.096154
0.75000 -1.633300 -61.998288 -0.146825
-3.482191 -2.771288 -302.065984
1.00000 -1.633300 -61.998288 -0.146825
-3.482191 -2.947865 -274.035813

ELEM 38 ===== LENGTH
5.049171

LOAD -A1-----

REL DIST T P M2 M3 V3
0.00000 0.007405 -1.366803 -0.004888
-0.220923 -0.154470 -16.843413
0.25000 0.007405 -1.366803 -0.004888
-0.220923 -0.148300 -15.119108
0.50000 0.007405 -1.366803 -0.004888
-0.220923 -0.142130 -13.392803
0.75000 0.007405 -1.366803 -0.004888
-0.220923 -0.135960 -11.667498
1.00000 0.007405 -1.366803 -0.004888
-0.220923 -0.129790 -9.942193
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FRAME ELEMENT INTERNAL FORCES

LOAD -P1-----

REL DIST T P M2 M3 V3
0.00000 -0.085504 6.451357 0.009315
1.022113 0.570509 79.501093
0.25000 -0.085504 6.451357 0.009315
1.022113 0.559750 77.575993
0.50000 -0.085504 6.451357 0.009315
1.022113 0.546992 75.651093
0.75000 -0.085504 6.451357 0.009315
1.022113 0.535233 73.726093
1.00000 -0.085504 6.451357 0.009315
1.022113 0.523474 71.797093

LOAD -P2-----

REL DIST T P M2 M3 V3
0.00000 0.267630 -22.223387 0.003039
-2.607545 -1.460946 -274.034377
0.25000 0.267630 -22.223387 0.003039
-2.607545 -1.464782 -245.981958
0.50000 0.267630 -22.223387 0.003039
-2.607545 -1.468618 -217.929539
0.75000 0.267630 -22.223387 0.003039
-2.607545 -1.472454 -189.877121
1.00000 0.267630 -22.223387 0.003039
-2.607545 -1.476290 -161.824702

LOAD -P3-----

REL DIST T P M2 M3 V3
0.00000 -0.751788 42.823853 -0.152969
-2.546365 -1.53967 163.444773
0.25000 -0.751788 42.823853 -0.152969
-2.546365 -1.732738 109.392536
0.50000 -0.751788 42.823853 -0.152969
-2.546365 -1.925600 61.363000
0.75000 -0.751788 42.823853 -0.152969
-2.546365 -2.118921 1.280063
1.00000 -0.751788 42.823853 -0.152969
-2.546365 -2.312012 -52.776174

LOAD -P4-----

REL DIST T P M2 M3 V3
0.00000 -1.875855 -38.285611 0.172374
-4.649681 -0.507289 261.151253
0.25000 -1.875855 -38.285611 0.172374
-4.649681 -0.724875 309.478899
0.50000 -1.875855 -38.285611 0.172374
-4.649681 -0.942681 357.806545
0.75000 -1.875855 -38.285611 0.172374
-4.649681 -1.160047 406.134192
1.00000 -1.875855 -38.285611 0.172374
-4.649681 -1.377633 454.461838

LOAD -P5-----

REL DIST T P M2 M3 V3
0.00000 2.438113 12.600590 -0.026871
-0.296961 0.012549 -213.223330
0.25000 2.438113 12.600590 -0.026871
-0.296961 0.046468 -229.128962
0.50000 2.438113 12.600590 -0.026871
-0.296961 0.080387 -245.034595
0.75000 2.438113 12.600590 -0.026871
-0.296961 0.114307 -260.940228
1.00000 2.438113 12.600590 -0.026871
-0.296961 0.148226 -276.845861

LOAD -2N+1-----

REL DIST T P M2 M3 V3
0.00000 -1.600820 -61.875800 0.170525
1.821213 -2.122705 -29.726537
0.25000 -1.600820 -61.875800 0.170525
1.821213 -2.351090 -57.378833
0.50000 -1.600820 -61.875800 0.170525
1.821213 -2.553209 126.484203
0.75000 -1.600820 -61.875800 0.170525
1.821213 -2.755320 260.940228
1.00000 -1.600820 -61.875800 0.170525
1.821213 -2.957441 395.395595

LOAD -2N+2-----

REL DIST T P M2 M3 V3
0.00000 1.600820 61.875800 -0.170525
-1.821213 2.122705 29.726537
0.25000 1.600820 61.8

5.484316 3.119028 597.881186 0.247179
1.00000 2.440070 61.457994
5.484316 3.429456 645.708572

COMB SETTLE ----- MIN

REL DIST T P M2 M3 V3
0.00000 -2.091889 -61.457994 -0.245902
-3.505889 -2.187744 -282.638012
0.25000 -2.091889 -61.457994 -0.245902
-3.505889 -2.498172 -360.222957
0.50000 -2.091889 -61.457994 -0.245902
-3.505889 -2.808600 -437.807902
0.75000 -2.091889 -61.457994 -0.245902
-3.505889 -3.119028 -515.392847
1.00000 -2.091889 -61.457994 -0.245902
-3.505889 -3.429456 -592.977792

ELEM 40 ===== LENGTH
= 5.049151

LOAD -A1 ----- V3
REL DIST T P M2 M3
0.00000 0.000486 -1.364889 -0.004303
-0.294375 -0.086372 -3.042215 -0.004303
0.25000 0.000486 -1.364889 -0.004303
-0.294375 -0.086372 -3.042215 -0.004303
0.50000 0.000486 -1.364889 -0.004303
-0.294375 -0.086372 -3.042215 -0.004303
0.75000 0.000486 -1.364889 -0.004303
-0.294375 -0.086372 -3.042215 -0.004303
1.00000 0.000486 -1.364889 -0.004303
-0.294375 -0.086372 -3.042215 -0.004303

LOAD -P1 ----- V3
REL DIST T P M2 M3
0.00000 -0.046291 6.441679 0.006993
1.371187 0.368838 14.361086 0.006993
0.25000 -0.046291 6.441679 0.006993
1.371187 0.368838 14.361086 0.006993
0.50000 -0.046291 6.441679 0.006993
1.371187 0.368838 14.361086 0.006993
0.75000 -0.046291 6.441679 0.006993
1.371187 0.368838 14.361086 0.006993
1.00000 -0.046291 6.441679 0.006993
1.371187 0.368838 14.361086 0.006993

LOAD -P2 ----- V3
REL DIST T P M2 M3
0.00000 0.135650 -22.164683 0.009928
-3.921392 -0.026297 -6.441679 0.009928
0.25000 0.135650 -22.164683 0.009928
-3.921392 -0.026297 -6.441679 0.009928
0.50000 0.135650 -22.164683 0.009928
-3.921392 -0.026297 -6.441679 0.009928
0.75000 0.135650 -22.164683 0.009928
-3.921392 -0.026297 -6.441679 0.009928
1.00000 0.135650 -22.164683 0.009928
-3.921392 -0.026297 -6.441679 0.009928

LOAD -P3 ----- V3
REL DIST T P M2 M3
0.00000 -0.240685 42.068871 -0.226721
-1.349433 1.830255 -267.803218 -0.226721
0.25000 -0.240685 42.068871 -0.226721
-1.349433 1.830255 -267.803218 -0.226721
0.50000 -0.240685 42.068871 -0.226721
-1.349433 1.830255 -267.803218 -0.226721
0.75000 -0.240685 42.068871 -0.226721
-1.349433 1.830255 -267.803218 -0.226721
1.00000 -0.240685 42.068871 -0.226721
-1.349433 1.830255 -267.803218 -0.226721

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FRAME ELEMENT INTERNAL FORCES

LOAD -P4 ----- V3
REL DIST T P M2 M3
0.00000 -2.270738 -36.914452 0.306699
5.165205 -2.270738 -36.914452 0.306699
0.25000 -2.270738 -36.914452 0.306699
5.165205 -2.270738 -36.914452 0.306699
0.50000 -2.270738 -36.914452 0.306699
5.165205 -2.270738 -36.914452 0.306699
0.75000 -2.270738 -36.914452 0.306699
5.165205 -2.270738 -36.914452 0.306699
1.00000 -2.270738 -36.914452 0.306699
5.165205 -2.270738 -36.914452 0.306699

LOAD -P5 ----- V3
REL DIST T P M2 M3
0.00000 2.421578 11.933474 -0.092595
-0.971192 0.518609 -339.485721 -0.092595
0.25000 2.421578 11.933474 -0.092595
-0.971192 0.518609 -339.485721 -0.092595
0.50000 2.421578 11.933474 -0.092595
-0.971192 0.518609 -339.485721 -0.092595
0.75000 2.421578 11.933474 -0.092595
-0.971192 0.518609 -339.485721 -0.092595
1.00000 2.421578 11.933474 -0.092595
-0.971192 0.518609 -339.485721 -0.092595

LOAD -2N+1----- V3
REL DIST T P M2 M3
0.00000 -2.134602 -60.444024 0.312323
0.949438 -2.134602 -60.444024 0.312323
0.25000 -2.134602 -60.444024 0.312323
0.949438 -2.134602 -60.444024 0.312323
0.50000 -2.134602 -60.444024 0.312323
0.949438 -2.134602 -60.444024 0.312323
0.75000 -2.134602 -60.444024 0.312323
0.949438 -2.134602 -60.444024 0.312323
1.00000 -2.134602 -60.444024 0.312323
0.949438 -2.134602 -60.444024 0.312323

LOAD -2N+2----- V3
REL DIST T P M2 M3
0.00000 2.134602 60.444024 -0.312323
0.949438 2.134602 60.444024 -0.312323
0.25000 2.134602 60.444024 -0.312323
0.949438 2.134602 60.444024 -0.312323
0.50000 2.134602 60.444024 -0.312323
0.949438 2.134602 60.444024 -0.312323
0.75000 2.134602 60.444024 -0.312323
0.949438 2.134602 60.444024 -0.312323
1.00000 2.134602 60.444024 -0.312323
0.949438 2.134602 60.444024 -0.312323

COMB SETTLE ----- MAX

REL DIST T P M2 M3 V3
0.00000 2.421578 60.444024 0.312323
5.165205 2.421578 60.444024 0.312323
0.25000 2.421578 60.444024 0.312323
5.165205 2.421578 60.444024 0.312323
0.50000 2.421578 60.444024 0.312323
5.165205 2.421578 60.444024 0.312323
0.75000 2.421578 60.444024 0.312323
5.165205 2.421578 60.444024 0.312323
1.00000 2.421578 60.444024 0.312323
5.165205 2.421578 60.444024 0.312323

COMB SETTLE ----- MIN

REL DIST T P M2 M3 V3
0.00000 -2.270738 -60.444024 -0.312323
-3.921392 -2.717701 -592.927853 -0.312323
0.25000 -2.270738 -60.444024 -0.312323
-3.921392 -2.717701 -592.927853 -0.312323
0.50000 -2.270738 -60.444024 -0.312323
-3.921392 -2.717701 -592.927853 -0.312323
0.75000 -2.270738 -60.444024 -0.312323
-3.921392 -2.717701 -592.927853 -0.312323
1.00000 -2.270738 -60.444024 -0.312323
-3.921392 -2.717701 -592.927853 -0.312323

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FRAME ELEMENT INTERNAL FORCES

ELEM 41 ===== LENGTH
= 5.048870

LOAD -A1 ----- V3
REL DIST T P M2 M3
0.00000 -0.003092 -1.361276 -0.003515
-0.288967 -0.054648 -3.952223 -0.003515
0.25000 -0.003092 -1.361276 -0.003515
-0.288967 -0.054648 -3.952223 -0.003515
0.50000 -0.003092 -1.361276 -0.003515
-0.288967 -0.054648 -3.952223 -0.003515
0.75000 -0.003092 -1.361276 -0.003515
-0.288967 -0.054648 -3.952223 -0.003515
1.00000 -0.003092 -1.361276 -0.003515
-0.288967 -0.054648 -3.952223 -0.003515

LOAD -P1 ----- V3
REL DIST T P M2 M3
0.00000 -0.026188 6.423616 0.004836
1.348173 0.277002 -18.187430 0.004836
0.25000 -0.026188 6.423616 0.004836
1.348173 0.277002 -18.187430 0.004836
0.50000 -0.026188 6.423616 0.004836
1.348173 0.277002 -18.187430 0.004836
0.75000 -0.026188 6.423616 0.004836
1.348173 0.277002 -18.187430 0.004836
1.00000 -0.026188 6.423616 0.004836
1.348173 0.277002 -18.187430 0.004836

LOAD -P2 ----- V3
REL DIST T P M2 M3
0.00000 0.067785 -22.070452 0.013249
-3.962477 -0.981214 -62.240636 0.013249
0.25000 0.067785 -22.070452 0.013249
-3.962477 -0.981214 -62.240636 0.013249
0.50000 0.067785 -22.070452 0.013249
-3.962477 -0.981214 -62.240636 0.013249
0.75000 0.067785 -22.070452 0.013249
-3.962477 -0.981214 -62.240636 0.013249
1.00000 0.067785 -22.070452 0.013249
-3.962477 -0.981214 -62.240636 0.013249

LOAD -P3 ----- V3
REL DIST T P M2 M3
0.00000 -0.017046 41.132099 -0.212954
-0.363562 2.342447 -480.172964 -0.212954
0.25000 -0.017046 41.132099 -0.212954
-0.363562 2.342447 -480.172964 -0.212954
0.50000 -0.017046 41.132099 -0.212954
-0.363562 2.342447 -480.172964 -0.212954
0.75000 -0.017046 41.132099 -0.212954
-0.363562 2.342447 -480.172964 -0.212954
1.00000 -0.017046 41.132099 -0.212954
-0.363562 2.342447 -480.172964 -0.212954

LOAD -P4 ----- V3
REL DIST T P M2 M3
0.00000 -2.402019 -35.254742 0.273455
3.354275 -2.683830 831.993425 0.273455
0.25000 -2.402019 -35.254742 0.273455
3.354275 -2.683830 831.993425 0.273455
0.50000 -2.402019 -35.254742 0.273455
3.354275 -2.683830 831.993425 0.273455
0.75000 -2.402019 -35.254742 0.273455
3.354275 -2.683830 831.993425 0.273455
1.00000 -2.402019 -35.254742 0.273455
3.354275 -2.683830 831.993425 0.273455

LOAD -P5 ----- V3
REL DIST T P M2 M3
0.00000 2.380550 11.130756 -0.075072
-0.087443 1.100243 -399.743771 -0.075072
0.25000 2.380550 11.130756 -0.075072
-0.087443 1.100243 -399.743771 -0.075072
0.50000 2.380550 11.130756 -0.075072
-0.087443 1.100243 -399.743771 -0.075072
0.75000 2.380550 11.130756 -0.075072
-0.087443 1.100243 -399.743771 -0.075072
1.00000 2.380550 11.130756 -0.075072
-0.087443 1.100243 -399.743771 -0.075072

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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.75000 2.380550 11.130756 -0.075072
-0.087443 1.100243 -399.743771 -0.075072
1.00000 2.380550 11.130756 -0.075072
-0.087443 1.100243 -399.743771 -0.075072

LOAD -2N+1----- V3
REL DIST T P M2 M3
0.00000 -2.134602 -60.444024 0.312323
0.949438 -2.134602 -60.444024 0.312323
0.25000 -2.134602 -60.444024 0.312323
0.949438 -2.134602 -60.444024 0.312323
0.50000 -2.134602 -60.444024 0.312323
0.949438 -2.134602 -60.444024 0.312323
0.75000 -2.134602 -60.444024 0.312323
0.949438 -2.134602 -60.444024 0.312323
1.00000 -2.134602 -60.444024 0.312323
0.949438 -2.134602 -60.444024 0.312323

LOAD -2N+2----- V3
REL DIST T P M2 M3
0.00000 2.134602 60.444024 -0.312323
0.949438 2.134602 60.444024 -0.312323
0.25000 2.134602 60.444024 -0.312323
0.949438 2.134602 60.444024 -0.312323
0.50000 2.134602 60.444024 -0.312323
0.949438 2.134602 60.444024 -0.312323
0.75000 2.134602 60.444024 -0.312323
0.949438 2.134602 60.444024 -0.312323
1.00000 2.134602 60.444024 -0.312323
0.949438 2.134602 60.444024 -0.312323

COMB SETTLE ----- MAX

REL DIST T P M2 M3 V3
0.00000 2.380550 58.686471 0.283190
3.354275 3.719692 898.084285 0.283190
0.25000 2.380550 58.686471 0.283190
3.354275 3.719692 898.084285 0.283190
0.50000 2.380550 58.686471 0.283190
3.354275 3.719692 898.084285 0.283190
0.75000 2.380550 58.686471 0.283190
3.354275 3.719692 898.084285 0.283190
1.00000 2.380550 58.686471 0.283190
3.354275 3.719692 898.084285 0.283190

COMB SETTLE ----- MIN

3.354275 4.792034 1120.310 0.283190
1.00000 2.380550 58.686471 0.283190
3.354275 5.149482 1194.385

COMB SETTLE ----- MIN

REL DIST T P M2 M3 V3
0.00000 -2.402019 -58.686471 -0.283190
-3.962477 -3.719692 -898.084285 -0.283190
0.25000 -2.402019 -58.686471 -0.283190
-3.962477 -3.719692 -898.084285 -0.283190
0.50000 -2.402019 -58.686471 -0.283190
-3.962477 -3.719692 -898.084285 -0.283190
0.75000 -2.402019 -58.686471 -0.283190
-3.962477 -3.719692 -898.084285 -0.283190
1.00000 -2.402019 -58.686471 -0.283190
-3.962477 -3.719692 -898.084285 -0.283190

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FRAME ELEMENT INTERNAL FORCES

LOAD -A1 ----- V3
REL DIST T P M2 M3
0.00000 -0.006458 -1.355484 -0.003196
-0.270507 -0.027608 10.723653 -0.003196
0.25000 -0.006458 -1.355484 -0.003196
-0.270507 -0.027608 10.723653 -0.003196
0.50000 -0.006458 -1.355484 -0.003196
-0.270507 -0.027608 10.723653 -0.003196
0.75000 -0.006458 -1.355484 -0.003196
-0.270507 -0.027608 10.723653 -0.003196
1.00000 -0.006458 -1.355484 -0.003196
-0.270507 -0.027608 10.723653 -0.003196

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FRAME ELEMENT INTERNAL FORCES

LOAD -P1 ----- V3
REL DIST T P M2 M3
0.00000 -0.006763 6.394346 0.007389
1.265707 0.198962 -50.601377 0.007389
0.25000 -0.006763 6.394346 0.007389
1.265707 0.198962 -50.601377 0.007389
0.50000 -0.006763 6.394346 0.007389
1.265707 0.198962 -50.601377 0.007389
0.75000 -0.006763 6.394346 0.007389
1.265707 0.198962 -50.601377 0.007389
1.00000 -0.006763 6.394346 0.007389
1.265707 0.198962 -50.601377 0.007389

LOAD -P2 ----- V3
REL DIST T P M2 M3
0.00000 0.002293 -21.925629 -0.006974
-3.838324 -0.867024 173.675591 -0.006974
0.25000 0.002293 -21.925629 -0.006974
-3.838324 -0.867024 173.675591 -0.006974
0.50000 0.002293 -21.925629 -0.006974
-3.838324 -0.867024 173.675591 -0.006974
0.75000 0.002293 -21.925629 -0.006974
-3.838324 -0.867024 173.675591 -0.006974
1.00000 0.002293 -21.925629 -0.006974
-3.838324 -0.867024 173.675591 -0.006974

LOAD -P3 ----- V3
REL DIST T P M2 M3
0.00000 0.187137 39.761910 -0.066208
1.980643 2.851904 -687.811013 -0.066208
0.25000 0.187137 39.761910 -0.066208
1.980643 2.851904 -687.811013 -0.066208
0.50000 0.187137 39.761910 -0.066208
1.980643 2.851904 -687.811013 -0.066208
0.75000 0.187137 39.761910 -0.066208
1.980643 2.851904 -687.811013 -0.066208
1.00000 0.187137 39.761910 -0.066208
1.980643 2.851904 -687.811013 -0.066208

LOAD -P4 ----- V3
REL DIST T P M2 M3
0.00000 -2.486758 -32.837046 0.060323
1.537187 -2.395177 108.991399 0.060323
0.25000 -2.486758 -32.837046 0.060323
1.537187 -2.395177 108.991399 0.060323
0.50000 -2.486758 -32.837046 0.060323
1.537187 -2.395177 108.991399 0.060323
0.75000 -2.486758 -32.837046 0.060323
1.537187 -2.395177 108.991399 0.060323
1.00000 -2.486758 -32.837046 0.060323
1.537187 -2.395177 108.991399 0.060323

LOAD -P5 ----- V3
REL DIST T P M2 M3
0.00000 2.310548 9.961905 0.008666
2.399668 1.672284 -455.956078 0.008666
0.25000 2.310548 9.961905 0.008666
2.399668 1.672284 -455.956078 0.008666
0.50000 2.310548 9.961905 0.008666
2.399668 1.672284 -455.956078 0.008666
0.75000 2.310548 9.961905 0.008666
2.399668 1.672284 -455.956078 0.008666
1.00000 2.310548 9.961905 0.008666
2.399668 1.672284 -455.956078 0.008666

LOAD -2N+1----- V3
REL DIST T P M2 M3
0.00000 -2.490922 -56.118160 0.050154
-5.646018 -4.723150 1194.368 0.050154
0.25000 -2.490922 -56.118160 0.050154
-5.646018 -4.723150 1194.368 0.050154
0.50000 -2.490922 -56.118160 0.050154
-5.646018 -4.723150 1194.368 0.050154
0.75000 -2.490922 -56.118160 0.050154
-5.646018 -4.723150 1194.368 0.050154
1.00000 -2.490922 -56.118160 0.050154
-5.646018 -4.723150 1194.368 0.050154

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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2----- V3
REL DIST T P M2 M3
0.00000 2.490922 56.118160 -0.050154
5.646018 4.723150 1194.368 -0.050154
0.25000 2.490922 56.118160 -0.050154
5.646018 4.723150 1194.368 -0.050154
0.50000 2.490922 56.118160 -0.050154
5.646018 4.723150 1194.368 -0.050154
0.75000 2.490922 56.118160 -0.050154
5.646018 4.723150 1194.368 -0.050154
1.00

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COMB SETTLE				MAX			
REL DIST	P	M2	V2	M3	V3		
0.00000	2.312764	27.596413	0.248363				
6.999056	1.211052	882.145300					
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FRAME ELEMENT INTERNAL FORCES							
REL DIST	P	M2	V2	M3	V3		
0.25000	2.312764	27.596413	0.248363				
6.999056	1.524526	847.314209					
0.50000	2.312764	27.596413	0.248363				
6.999056	1.838001	812.483119					
0.75000	2.312764	27.596413	0.248363				
6.999056	2.038475	777.652028					
1.00000	2.312764	27.596413	0.248363				
6.999056	2.464950	742.820938					
COMB SETTLE				MIN			
REL DIST	P	M2	V2	M3	V3		
0.00000	-2.312764	-27.596413	-0.248363				
6.999056	-1.211052	-882.145300					
0.25000	-2.312764	-27.596413	-0.248363				
6.999056	-1.524526	-847.314209					
0.50000	-2.312764	-27.596413	-0.248363				
6.999056	-1.838001	-812.483119					
0.75000	-2.312764	-27.596413	-0.248363				
6.999056	-2.038475	-777.652028					
1.00000	-2.312764	-27.596413	-0.248363				
6.999056	-2.464950	-742.820938					
ELEM 48				LENGTH			
= 5.049230							
LOAD -A1							
REL DIST	P	M2	V2	M3	V3		
0.00000	-0.012044	0.298522	-0.000525				
0.033404	0.029229	8.015677	-0.000525				
0.25000	-0.012044	0.298522	-0.000525				
0.033404	0.029892	7.638651	-0.000525				
0.50000	-0.012044	0.298522	-0.000525				
0.033404	0.030477	7.262024	-0.000525				
0.75000	-0.012044	0.298522	-0.000525				
0.033404	0.031216	6.885198	-0.000525				
1.00000	-0.012044	0.298522	-0.000525				
0.033404	0.031878	6.508372	-0.000525				
LOAD -P1							
REL DIST	P	M2	V2	M3	V3		
0.00000	0.038477	-1.408847	0.002751				
-0.156297	-0.078408	-37.831821	0.002751				
0.25000	0.038477	-1.408847	0.002751				
-0.156297	-0.081890	-36.053422	0.002751				
0.50000	0.038477	-1.408847	0.002751				
-0.156297	-0.085352	-34.275024	0.002751				
0.75000	0.038477	-1.408847	0.002751				
-0.156297	-0.088824	-32.496625	0.002751				
1.00000	0.038477	-1.408847	0.002751				
-0.156297	-0.092296	-30.718227	0.002751				
LOAD -P2							
REL DIST	P	M2	V2	M3	V3		
0.00000	-0.144417	4.852565	-0.016024				
0.502716	0.142687	130.299034	-0.016024				
0.25000	-0.144417	4.852565	-0.016024				
0.502716	0.162914	124.173605	-0.016024				
0.50000	-0.144417	4.852565	-0.016024				
0.502716	0.183141	118.048175	-0.016024				
0.75000	-0.144417	4.852565	-0.016024				
0.502716	0.203369	111.922746	-0.016024				
1.00000	-0.144417	4.852565	-0.016024				
0.502716	0.223596	105.797316	-0.016024				
LOAD -P3							
REL DIST	P	M2	V2	M3	V3		
0.00000	0.584248	-16.400516	0.053402				
0.920380	-0.939885	-404.353476	0.053402				
0.25000	0.584248	-16.400516	0.053402				
-0.920380	-0.961295	-419.650981	0.053402				
0.50000	0.584248	-16.400516	0.053402				
-0.920380	-1.028704	-398.948486	0.053402				
0.75000	0.584248	-16.400516	0.053402				
-0.920380	-1.096113	-378.245992	0.053402				
1.00000	0.584248	-16.400516	0.053402				
-0.920380	-1.163522	-397.543497	0.053402				
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FRAME ELEMENT INTERNAL FORCES							
LOAD	P4						
REL DIST	P	M2	V2	M3	V3		
0.00000	-1.933236	22.570060	-0.180847				
4.167723	-1.669293	604.571462	-0.180847				
0.25000	-1.933236	22.570060	-0.180847				
4.167723	-1.891198	576.076061	-0.180847				
0.50000	-1.933236	22.570060	-0.180847				
4.167723	-2.194942	547.290400	-0.180847				
0.75000	-1.933236	22.570060	-0.180847				
4.167723	-2.347777	519.100393	-0.180847				
1.00000	-1.933236	22.570060	-0.180847				
4.167723	-2.576061	490.610037	-0.180847				
LOAD -P5							
REL DIST	P	M2	V2	M3	V3		
0.00000	1.466971	-9.911783	0.141244				
4.708280	-0.962546	-264.700876	0.141244				
0.25000	1.466971	-9.911783	0.141244				
4.708280	-1.040839	-252.189158	0.141244				
0.50000	1.466971	-9.911783	0.141244				
4.708280	-1.219132	-239.677439	0.141244				
0.75000	1.466971	-9.911783	0.141244				
4.708280	-1.397424	-227.165721	0.141244				
1.00000	1.466971	-9.911783	0.141244				
4.708280	-1.575717	-214.654002	0.141244				
LOAD -2N+1-							
REL DIST	P	M2	V2	M3	V3		
0.00000	-2.089697	27.721146	-0.197396				
4.708280	-1.834840	742.886173	-0.197396				
0.25000	-2.089697	27.721146	-0.197396				
4.708280	-2.084014	707.893561	-0.197396				
0.50000	-2.089697	27.721146	-0.197396				
4.708280	-2.333188	672.900949	-0.197396				
0.75000	-2.089697	27.721146	-0.197396				
4.708280	-2.582362	637.908337	-0.197396				
1.00000	-2.089697	27.721146	-0.197396				
4.708280	-2.831536	602.915725	-0.197396				
LOAD -2N+2-							
REL DIST	P	M2	V2	M3	V3		
0.00000	2.089697	-27.721146	0.197396				
4.708280	-1.834840	-742.886173	0.197396				
0.25000	2.089697	-27.721146	0.197396				
4.708280	-2.084014	-707.893561	0.197396				

5.00000	0.89697	-27.721146	0.197396				
3.631603	-2.333188	-672.900949	0.197396				
0.75000	2.089697	-27.721146	0.197396				
3.631603	-2.582362	-637.908337	0.197396				
3.631603	-2.831536	-602.915725	0.197396				
COMB SETTLE				MAX			
REL DIST	P	M2	V2	M3	V3		
0.00000	2.089697	27.721146	0.197396				
4.708280	1.834840	742.886173					
0.25000	2.089697	27.721146	0.197396				
4.708280	2.084014	707.893561					
0.50000	2.089697	27.721146	0.197396				
4.708280	2.333188	672.900949	0.197396				
0.75000	2.089697	27.721146	0.197396				
4.708280	2.582362	637.908337					
1.00000	2.089697	27.721146	0.197396				
4.708280	2.831536	602.915725					
COMB SETTLE				MIN			
REL DIST	P	M2	V2	M3	V3		
0.00000	-2.089697	-27.721146	-0.197396				
-4.167723	-1.834840	-742.886173					
0.25000	-2.089697	-27.721146	-0.197396				
-4.167723	-2.084014	-707.893561	-0.197396				
0.50000	-2.089697	-27.721146	-0.197396				
-4.167723	-2.333188	-672.900949	-0.197396				
0.75000	-2.089697	-27.721146	-0.197396				
-4.167723	-2.582362	-637.908337					
1.00000	-2.089697	-27.721146	-0.197396				
-4.167723	-2.831536	-602.915725					
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FRAME ELEMENT INTERNAL FORCES							
ELEM 49	LENGTH						
= 5.049848							
LOAD -A1							
REL DIST	P	M2	V2	M3	V3		
0.00000	-0.010806	0.297894	-0.000475				
0.067641	0.028391	6.508330	-0.000475				
0.25000	-0.010806	0.297894	-0.000475				
0.067641	0.028990	6.132251	-0.000475				
0.50000	-0.010806	0.297894	-0.000475				
0.067641	0.029590	5.756171	-0.000475				
0.75000	-0.010806	0.297894	-0.000475				
0.067641	0.030190	5.380092	-0.000475				
1.00000	-0.010806	0.297894	-0.000475				
0.067641	0.030790	5.004012					
LOAD -P1							
REL DIST	P	M2	V2	M3	V3		
0.00000	0.035572	-1.405863	0.002419				
-0.318296	-0.084079	-30.771540	0.002419				
0.25000	0.035572	-1.405863	0.002419				
-0.318296	-0.071133	-28.942591	0.002419				
0.50000	0.035572	-1.405863	0.002419				
-0.318296	-0.090187	-27.167843	0.002419				
0.75000	0.035572	-1.405863	0.002419				
-0.318296	-0.093242	-25.922994	0.002419				
1.00000	0.035572	-1.405863	0.002419				
-0.318296	-0.096236	-23.618146					
LOAD -P2							
REL DIST	P	M2	V2	M3	V3		
0.00000	-0.132624	8.484290	-0.014534				
1.058520	0.190193	105.795439	-0.014534				
0.25000	-0.132624	8.484290	-0.014534				
1.058520	0.208541	99.681348	-0.014534				
0.50000	-0.132624	8.484290	-0.014534				
1.058520	0.226889	93.567258	-0.014534				
0.75000	-0.132624	8.484290	-0.014534				
1.058520	0.245237	87.453167	-0.014534				
1.00000	-0.132624	8.484290	-0.014534				
1.058520	0.263586	81.339077					
LOAD -P3							
REL DIST	P	M2	V2	M3	V3		
0.00000	0.528944	-16.385219	0.042214				
2.748777	-0.070281	-357.543749	0.042214				
0.25000	0.528944	-16.385219	0.042214				
-2.748777	-1.060574	-336.858034	0.042214				
0.50000	0.528944	-16.385219	0.042214				
-2.748777	-1.113688	-316.722194	0.042214				
0.75000	0.528944	-16.385219	0.042214				
-2.748777	-1.167161	-295.486603	0.042214				
1.00000	0.528944	-16.385219	0.042214				
-2.748777	-1.220454	-274.600888					
LOAD -P4							
REL DIST	P	M2	V2	M3	V3		
0.00000	-1.678720	22.591867	-0.164075				
-1.816088	0.265700	490.930328	-0.164075				
0.25000	-1.678720	22.591867	-0.164075				
-1.816088	0.265700	462.146556	-0.164075				
0.50000	-1.678720	22.591867	-0.164075				
-1.816088	0.272839	453.825184	-0.164075				
0.75000	-1.678720	22.591867	-0.164075				
-1.816088	2.479978	405.103812	-0.164075				
1.00000	-1.678720	22.591867	-0.164075				
-1.816088	2.687117	376.582441					
LOAD -P5							
REL DIST	P	M2	V2	M3	V3		
0.00000	1.257634	-9.941668	0.134451				
3.757000	-0.985784	-214.710408	0.134451				
0.25000	1.257634	-9.941668	0.134451				
3.757000	-1.155524	-202.159430	0.134451				
0.50000	1.257634	-9.941668	0.134451				
3.757000	-1.325263	-189.608452	0.134451				
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REL DIST	P	M2	V2	M3	V3		
0.75000	1.257634	-9.941668	0.134451				
3.757000	-1.495003	-177.057474	0.134451				
1.00000	1.257634	-9.941668	0.134451				
3.757000	-1.664743	-164.506497					
LOAD -2N+1-							
REL DIST	P	M2	V2	M3	V3		
0.00000	-1.822150	27.732751	-0.179084				
-0.898927	-2.077144	60.971897	-0.179084				
0.25000	-1.822150	27.732751	-0.179084				
-0.898927	-2.302331	561.960155	-0.179084				
0.50000	-1.822150	27.732751	-0.179084				
-0.898927	2.522919	532.948613	-0.179084				
0.75000	-1.822150	27.732751	-0.179084				
-0.898927	-1.754006	497.970702	-0.179084				
1.00000	-1.822150	27.732751	-0.179084				
-0.898927	2.981493	462.925530					
LOAD -2N+2-							

REL DIST P V2 V3
0.00000 1.192284 -27.738004 0.177333
-3.201070 -2.111497 -323.084598
0.25000 1.192284 -27.738004 0.177333
3.201070 -2.335355 -288.069045
0.50000 1.192284 -27.738004 0.177333
-3.201070 -2.559214 -253.053491
0.75000 1.192284 -27.738004 0.177333
3.201070 -2.783073 -218.037938
1.00000 1.192284 -27.738004 0.177333
-3.201070 -3.006932 -183.022385

COMB SETTLE ----- MAX
REL DIST P V2 V3
0.00000 1.192284 27.738004 0.177333
3.201070 2.111497 323.084598
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V2 V3
0.25000 1.192284 27.738004 0.177333
3.201070 -2.335355 288.069045 0.177333
0.50000 1.192284 27.738004 0.177333
3.201070 -2.559214 253.053491 0.177333
0.75000 1.192284 27.738004 0.177333
3.201070 -2.783073 218.037938 0.177333
1.00000 1.192284 27.738004 0.177333
-3.201070 3.006932 183.022385

COMB SETTLE ----- MIN

REL DIST P M2 M3 V2 V3
0.00000 -1.192284 -27.738004 -0.177333
-0.504935 -2.111497 -323.084598
0.25000 -1.192284 -27.738004 -0.177333
-0.504935 -2.335355 -288.069045
0.50000 -1.192284 -27.738004 -0.177333
-0.504935 -2.559214 -253.053491
0.75000 -1.192284 -27.738004 -0.177333
-0.504935 -2.783073 -218.037938
1.00000 -1.192284 -27.738004 -0.177333
-0.504935 -3.006932 -183.022385

ELEM 52 ===== LENGTH
5.048477

LOAD -A1 -----

REL DIST P M2 M3 V2 V3
0.00000 -0.005276 0.301650 -4.09E-05
0.105261 0.018271 1.996373
0.25000 -0.005276 0.301650 -4.09E-05
0.105261 0.018272 1.996373
0.50000 -0.005276 0.301650 -4.09E-05
0.105261 0.018374 1.234937
0.75000 -0.005276 0.301650 -4.09E-05
0.105261 0.018269 0.632191
1.00000 -0.005276 0.301650 -4.09E-05
0.105261 0.018477 0.473501

LOAD -P1 -----

REL DIST P M2 M3 V2 V3
0.00000 0.018040 -1.423565 0.000166
-0.496617 -0.062348 -9.422863
0.25000 0.018040 -1.423565 0.000166
-0.496617 -0.062558 -7.828154
0.50000 0.018040 -1.423565 0.000166
-0.496617 -0.062767 -5.829446
0.75000 0.018040 -1.423565 0.000166
-0.496617 -0.062977 -4.032738
1.00000 0.018040 -1.423565 0.000166
-0.496617 -0.063187 -2.236030

LOAD -P2 -----

REL DIST P M2 M3 V2 V3
0.00000 -0.066720 4.902163 -0.006510
1.678331 0.195850 32.441364
0.25000 -0.066720 4.902163 -0.006510
1.678331 0.204066 26.254250
0.50000 -0.066720 4.902163 -0.006510
1.678331 0.212282 20.067136
0.75000 -0.066720 4.902163 -0.006510
1.678331 0.220498 13.800022
1.00000 -0.066720 4.902163 -0.006510
1.678331 0.228715 7.692907

LOAD -P3 -----

REL DIST P M2 M3 V2 V3
0.00000 0.261320 -16.550822 0.019737
-0.494522 -0.800877 -108.4003281
0.25000 0.261320 -16.550822 0.019737
-0.494522 -0.825787 -88.520171
0.50000 0.261320 -16.550822 0.019737
-0.494522 -0.849527 -69.131360
0.75000 0.261320 -16.550822 0.019737
-0.494522 -0.875607 -46.741950
1.00000 0.261320 -16.550822 0.019737
-0.494522 -0.901717 -25.950840
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FRAME ELEMENT INTERNAL FORCES

LOAD -P4 -----

REL DIST P M2 M3 V2 V3
0.00000 -0.784202 22.624371 -0.154758
1.936325 1.840285 148.624417
0.25000 -0.784202 22.624371 -0.154758
1.936325 2.035608 120.069765
0.50000 -0.784202 22.624371 -0.154758
1.936325 2.290331 91.515132
0.75000 -0.784202 22.624371 -0.154758
1.936325 2.426254 62.960459
1.00000 -0.784202 22.624371 -0.154758
1.936325 2.621577 34.405860

LOAD -P5 -----

REL DIST P M2 M3 V2 V3
0.00000 0.576837 -9.853798 0.141406
1.771222 0.030391 81.181
0.25000 0.576837 -9.853798 0.141406
1.771222 -1.369652 -51.793345
0.50000 0.576837 -9.853798 0.141406
1.771222 0.576837 -39.566778
0.75000 0.576837 -9.853798 0.141406
1.771222 -1.726594 -26.920011
1.00000 0.576837 -9.853798 0.141406
1.771222 -1.905065 -14.483344

LOAD -2N+1-----

REL DIST P M2 M3 V2 V3
0.00000 -0.856198 27.828184 -0.161309
3.719916 2.054406 183.062155
0.25000 -0.856198 27.828184 -0.161309
3.719916 2.257997 147.939670
0.50000 -0.856198 27.828184 -0.161309
3.719916 2.461587 112.817185
0.75000 -0.856198 27.828184 -0.161309

3.719916 2.665178 77.694699
1.00000 -0.856198 27.828184 -0.161309
3.719916 2.868769 42.572214

LOAD -2N+2-----

REL DIST P M2 M3 V2 V3
0.00000 0.856198 -27.828184 0.161309
3.719916 2.054406 183.062155
0.25000 0.856198 -27.828184 0.161309
3.719916 2.257997 147.939670
0.50000 0.856198 -27.828184 0.161309
3.719916 2.461587 112.817185
0.75000 0.856198 -27.828184 0.161309
3.719916 2.665178 77.694699
1.00000 0.856198 -27.828184 0.161309
3.719916 2.868769 42.572214

COMB SETTLE ----- MAX

REL DIST P M2 M3 V2 V3
0.00000 0.856198 27.828184 0.161309
3.719916 2.054406 183.062155
0.25000 0.856198 27.828184 0.161309
3.719916 2.257997 147.939670
0.50000 0.856198 27.828184 0.161309
3.719916 2.461587 112.817185
0.75000 0.856198 27.828184 0.161309
3.719916 2.665178 77.694699
1.00000 0.856198 27.828184 0.161309
3.719916 2.868769 42.572214

COMB SETTLE ----- MIN

REL DIST P M2 M3 V2 V3
0.00000 -0.856198 -27.828184 -0.161309
-4.994522 -2.054406 -183.062155
0.25000 -0.856198 -27.828184 -0.161309
-4.994522 -2.257997 -147.939670
0.50000 -0.856198 -27.828184 -0.161309
-4.994522 -2.461587 -112.817185
0.75000 -0.856198 -27.828184 -0.161309
-4.994522 -2.665178 -77.694699
1.00000 -0.856198 -27.828184 -0.161309
-4.994522 -2.868769 -42.572214
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FRAME ELEMENT INTERNAL FORCES

ELEM 53 ===== LENGTH
5.151837

LOAD -A1 -----

REL DIST P M2 M3 V2 V3
0.00000 -0.002475 0.312908 0.002849
0.064417 0.011057 0.473640
0.25000 -0.002475 0.312908 0.002849
0.064417 0.009978 0.355139
0.50000 -0.002475 0.312908 0.002849
0.064417 0.008898 0.236638
0.75000 -0.002475 0.312908 0.002849
0.064417 0.007819 0.118137
1.00000 -0.002475 0.312908 0.002849
0.064417 0.006740 -0.000364

LOAD -P1 -----

REL DIST P M2 M3 V2 V3
0.00000 0.008470 -1.476926 -0.009744
-0.303999 -0.037829 -2.762309
0.25000 0.008470 -1.476926 -0.009744
-0.303999 -0.034139 -1.676784
0.50000 0.008470 -1.476926 -0.009744
-0.303999 -0.030448 -1.117459
0.75000 0.008470 -1.476926 -0.009744
-0.303999 -0.026758 -0.558133
1.00000 0.008470 -1.476926 -0.009744
-0.303999 -0.023068 0.001192

LOAD -P2 -----

REL DIST P M2 M3 V2 V3
0.00000 -0.031327 5.081822 0.032725
1.027798 0.134892 7.693366
0.25000 -0.031327 5.081822 0.032725
1.027798 0.122499 5.769128
0.50000 -0.031327 5.081822 0.032725
1.027798 0.110106 3.841595
0.75000 -0.031327 5.081822 0.032725
1.027798 0.097712 1.920063
1.00000 -0.031327 5.081822 0.032725
1.027798 0.085319 -0.004469

LOAD -P3 -----

REL DIST P M2 M3 V2 V3
0.00000 0.122634 -17.083334 -0.131327
-3.072738 -0.532936 -25.860364
0.25000 0.122634 -17.083334 -0.131327
-3.072738 -0.483201 -19.390750
0.50000 0.122634 -17.083334 -0.131327
-3.072738 -0.433467 -12.921135
0.75000 0.122634 -17.083334 -0.131327
-3.072738 -0.383732 -6.451520
1.00000 0.122634 -17.083334 -0.131327
-3.072738 -0.333997 -0.018095

LOAD -P4 -----

REL DIST P M2 M3 V2 V3
0.00000 -0.367609 22.791595 0.340497
1.518979 34.466307
0.25000 -0.367609 22.791595 0.340497
1.398030 25.934921
0.50000 -0.367609 22.791595 0.340497
1.263335 1.250801 17.203536
0.75000 -0.367609 22.791595 0.340497
1.130328 8.571150
1.00000 -0.367609 22.791595 0.340497
1.001183 -0.059236

LOAD -P5 -----

REL DIST P M2 M3 V2 V3
0.00000 0.270306 -9.626065 -0.235000
1.001287 -1.092164 -14.537134
0.25000 0.270306 -9.626065 -0.235000
1.001287 -1.081655 -10.811255
0.50000 0.270306 -9.626065 -0.235000
1.001287 -0.914170 -7.246176
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V2 V3
0.75000 0.270306 -9.626065 -0.235000
1.001287 -0.825173 -3.608697
1.00000 0.270306 -9.626065 -0.235000
1.001287 -0.736176 0.044782

LOAD -2N+1-----

REL DIST P M2 M3 V2 V3
0.00000 -0.401411 28.186324 0.376072

2.375450 1.662928 42.633608
0.25000 -0.401411 28.186324 0.376072
2.375450 1.520507 31.959189
0.50000 -0.401411 28.186324 0.376072
2.375450 1.378085 21.284770
0.75000 -0.401411 28.186324 0.376072
2.375450 -0.401411 28.186324 0.376072
1.00000 -0.401411 28.186324 0.376072
2.375450 1.093242 -0.064069

LOAD -2N+2-----

REL DIST P M2 M3 V2 V3
0.00000 0.401411 -28.186324 -0.376072
-2.375450 -1.662928 -42.633608
0.25000 0.401411 -28.186324 -0.376072
-2.375450 -1.520507 -31.959189
0.50000 0.401411 -28.186324 -0.376072
-2.375450 -1.378085 -21.284770
0.75000 0.401411 -28.186324 -0.376072
-2.375450 -1.235663 -10.610350
1.00000 0.401411 -28.186324 -0.376072
-2.375450 -1.093242 0.064069

COMB SETTLE ----- MAX

REL DIST P M2 M3 V2 V3
0.00000 0.401411 28.186324 0.376072
2.375450 1.662928 42.633608
0.25000 0.401411 28.186324 0.376072
2.375450 1.520507 31.959189
0.50000 0.401411 28.186324 0.376072
2.375450 1.378085 21.284770
0.75000 0.401411 28.186324 0.376072
2.375450 1.235663 10.610350
1.00000 0.401411 28.186324 0.376072
2.375450 1.093242 0.064069

COMB SETTLE ----- MIN

REL DIST P M2 M3 V2 V3
0.00000 -0.401411 -28.186324 -0.376072
-2.375450 -1.662928 -42.633608
0.25000 -0.401411 -28.186324 -0.376072
-3.072738 -1.520507 -31.959189
0.50000 -0.401411 -28.186324 -0.376072
-3.072738 -1.378085 -21.284770
0.75000 -0.401411 -28.186324 -0.376072
-3.072738 -1.235663 -10.610350
1.00000 -0.401411 -28.186324 -0.376072
-3.072738 -1.093242 -0.064069

ELEM 54 ===== LENGTH
4.511516

LOAD -A1 -----

REL DIST P M2 M3 V2 V3
0.00000 -0.209609 14.633433 -0.203959
-1.650564 -0.682995 0.066301
0.25000 -0.209609 14.633433 -0.203959
-1.650564 -0.209609 14.633433 -0.203959
0.50000 -0.209609 14.633433 -0.203959
-1.650564 -0.222913 -32.943184
0.75000 -0.209609 14.633433 -0.203959
-1.650564 -0.007128 49.447926
1.00000 -0.209609 14.633433 -0.203959
-1.650564 0.237168 -65.952669
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FRAME ELEMENT INTERNAL FORCES

LOAD -P1 -----

REL DIST P M2 M3 V2 V3
0.00000 0.265200 -30.348257 0.264430
-0.804424 0.859371 -0.075291
0.25000 0.265200 -30.348257 0.264430
-0.804424 0.851127 15.5872
0.50000 0.265200 -30.348257 0.264430
-0.804424 0.262882 68.383034
0.75000 0.265200 -30.348257 0.264430
-0.804424 -0.035363 102.612197
1.00000 0.265200 -30.348257 0.264430
-0.804424 -0.333608 136.841360

LOAD -P2 -----

REL DIST P M2 M3 V2 V3
0.00000 -0.073604 20.333390 -0.070047
3.342421 -0.231593 0.010836
0.25000 -0.073604 20.333390 -0.070047
3.342421 -0.152588 0.022769
0.50000 -0.073604 20.333390 -0.070047
3.342421 -0.073584 -45.856373
0.75000 -0.073604 20.333390 -0.070047
3.342421 -0.073604 20.333390 -0.070047
1.00000 -0.073604 20.333390 -0.070047
3.342421 0.084426 91.723583

LOAD -P3 -----

REL DIST P M2 M3 V2 V3
0.00000 0.022756 -5.958365 0.005695
-1.141746 0.068303 -0.001647
0.25000 0.022756 -5.958365 0.005695
-1.141746 0.061880 6.718669
0.50000 0.022756 -5.958365 0.005695
-1.141746 0.055456 13.438984
0.75000 0.022756 -5.958365 0.005695
-1.141746 0.049033 20.159300
1.00000 0.022756 -5.958365 0.005695
-1.141746 0.042609 26.879615

LOAD -P4 -----

REL DIST P M2 M3 V2 V3
0.00000 -0.005425 1.633033 0.006648
0.311522 -0.014440 -0.000506
0.25000 -0.005425 1.633033 0.006648
0.311522 -0.021938 -1.842370
0.50000 -0.005425 1.633033 0.006648
0.311522 -0.029436 3.684234
0.75000 -0.005425 1.633033 0.006648
0.311522 -0.036934 -5.526097
1.00000 -0.005425 1.633033 0.006648
0.311522 -0.044432 7.367961

LOAD -P5 -----

1.927397 -0.825617 -164.987698
0.25000 -0.685980 36.810054 -0.237430
1.927397 -0.528091 211.114745
0.50000 -0.685980 36.810054 -0.237430
1.927397 -0.230566 -257.241791
0.75000 -0.685980 36.810054 -0.237430
1.927397 -0.065980 -349.495884
1.00000 -0.685980 36.810054 -0.237430
1.927397 -0.364486 -349.495884

LOAD -2N+2-----
REL DIST T P M2 M3 V3
0.00000 0.685980 -36.810054 0.237430
1.927397 0.825617 164.987698
0.25000 0.685980 -36.810054 0.237430
1.927397 0.528091 211.114745
0.50000 0.685980 -36.810054 0.237430
1.927397 0.230566 257.241791
0.75000 0.685980 -36.810054 0.237430
1.927397 -0.065980 303.368838
1.00000 0.685980 -36.810054 0.237430
1.927397 -0.364486 349.495884

COMB SETTLE ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.685980 36.810054 0.237430
4.285173 0.825617 164.987698
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 141 >
F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T P M2 M3 V3
0.25000 0.685980 36.810054 0.237430
4.285173 0.528091 211.114745
0.50000 0.685980 36.810054 0.237430
4.285173 0.230566 257.241791
0.75000 0.685980 36.810054 0.237430
4.285173 0.093244 303.368838
1.00000 0.685980 36.810054 0.237430
4.285173 0.364486 349.495884

COMB SETTLE ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.685980 -36.810054 -0.237430
2.771374 0.825617 164.987698
0.25000 -0.685980 -36.810054 -0.237430
-2.771374 -0.528091 -211.114745
0.50000 -0.685980 -36.810054 -0.237430
-2.771374 -0.230566 -257.241791
0.75000 -0.685980 -36.810054 -0.237430
-2.771374 -0.174293 -303.368838
1.00000 -0.685980 -36.810054 -0.237430
-2.771374 -0.461787 -349.495884

ELEM 56 ===== LENGTH
5.012628

LOAD -A1-----
REL DIST T P M2 M3 V3
0.00000 -0.779447 14.364561 -0.164691
-3.685607 -0.514646 -138.146765 -0.164691
0.25000 -0.779447 14.364561 -0.164691
-3.685607 -0.308263 -156.174716 -0.164691
0.50000 -0.779447 14.364561 -0.164691
-3.685607 -0.101879 -174.148868 -0.164691
0.75000 -0.779447 14.364561 -0.164691
-3.685607 0.104505 -192.435119 -0.164691
1.00000 -0.779447 14.364561 -0.164691
-3.685607 0.310889 -210.150970 -0.164691

LOAD -P1-----
REL DIST T P M2 M3 V3
0.00000 0.971686 -30.416420 0.221214
1.052915 0.486330 289.198536
0.25000 0.971686 -30.416420 0.221214
1.052915 0.209114 327.311567
0.50000 0.971686 -30.416420 0.221214
1.052915 -0.068102 365.431639
0.75000 0.971686 -30.416420 0.221214
1.052915 -0.345318 403.548190
1.00000 0.971686 -30.416420 0.221214
1.052915 -0.622534 441.664741

LOAD -P2-----
REL DIST T P M2 M3 V3
0.00000 -0.253279 20.794989 -0.066663
3.660282 -0.045667 -195.549942 -0.066663
0.25000 -0.253279 20.794989 -0.066663
3.660282 0.037672 -221.160939
0.50000 -0.253279 20.794989 -0.066663
3.660282 0.121411 -247.668715
0.75000 -0.253279 20.794989 -0.066663
3.660282 0.204950 -273.728102
1.00000 -0.253279 20.794989 -0.066663
3.660282 0.288489 -299.787489

LOAD -P3-----
REL DIST T P M2 M3 V3
0.00000 0.075756 -6.120167 0.008272
1.327255 0.141257 -6.121166 0.008272
0.25000 0.075756 -6.120167 0.008272
1.327255 0.130891 65.081696 0.008272
0.50000 0.075756 -6.120167 0.008272
1.327255 0.132725 127.075127 0.008272
0.75000 0.075756 -6.120167 0.008272
1.327255 0.110159 40.420757 0.008272
1.00000 0.075756 -6.120167 0.008272
1.327255 0.099793 88.090287 0.008272
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 142 >
F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P4-----
REL DIST T P M2 M3 V3
0.00000 -0.016329 1.679039 0.003667
0.369469 -0.092951 -15.743622 0.003667
0.25000 -0.016289 1.679039 0.003667
0.369469 -0.097547 -17.847797 0.003667
0.50000 -0.016289 1.679039 0.003667
0.369469 -0.102143 -19.951971 0.003667
0.75000 -0.016289 1.679039 0.003667
0.369469 -0.106739 -22.056145 0.003667
1.00000 -0.016289 1.679039 0.003667
0.369469 -0.111335 -24.160320 0.003667

LOAD -P5-----
REL DIST T P M2 M3 V3
0.00000 0.001573 -0.302062 -0.001800
0.069804 0.025676 3.208158 -0.001800
0.25000 0.001573 -0.302062 -0.001800
0.069804 0.027932 3.208158 -0.001800
0.50000 0.001573 -0.302062 -0.001800
0.069804 0.030699 3.208158 -0.001800
0.75000 0.001573 -0.302062 -0.001800
0.069804 0.032443 3.208158 -0.001800
1.00000 0.001573 -0.302062 -0.001800
0.069804 0.034698 3.208158 -0.001800

LOAD -2N+1-----
REL DIST T P M2 M3 V3
0.00000 -1.049015 36.838649 -0.227686
0.25000 -1.049015 36.838649 -0.227686
0.344144 -0.367937 -395.604942 -0.227686
0.50000 -1.049015 36.838649 -0.227686
0.344144 0.082611 -441.609444 -0.227686
0.75000 -1.049015 36.838649 -0.227686
0.344144 0.202716 -487.934167 -0.227686
1.00000 -1.049015 36.838649 -0.227686
0.344144 0.488043 -534.098779 -0.227686

LOAD -2N+2-----
REL DIST T P M2 M3 V3
0.00000 1.049015 36.838649 0.227686
0.344144 0.653264 349.440329 0.227686
0.25000 1.049015 36.838649 0.227686
0.344144 0.367937 395.604942 0.227686
0.50000 1.049015 36.838649 0.227686
0.344144 0.082611 -441.609444 0.227686
0.75000 1.049015 36.838649 0.227686
0.344144 0.202716 487.934167 0.227686
1.00000 1.049015 36.838649 0.227686
0.344144 -0.488043 534.098779 0.227686

COMB SETTLE ----- MAX
REL DIST T P M2 M3 V3
0.00000 1.049015 36.838649 0.227686
3.660282 0.653264 349.440329 0.227686
0.25000 1.049015 36.838649 0.227686
3.660282 0.367937 395.604942 0.227686
0.50000 1.049015 36.838649 0.227686
3.660282 0.121411 441.609444 0.227686
0.75000 1.049015 36.838649 0.227686
3.660282 0.204950 487.934167 0.227686
1.00000 1.049015 36.838649 0.227686
3.660282 0.488043 534.098779 0.227686

COMB SETTLE ----- MIN
REL DIST T P M2 M3 V3
0.00000 -1.049015 -36.838649 -0.227686
-3.685607 -0.653264 -349.440329 -0.227686
0.25000 -1.049015 -36.838649 -0.227686
-3.685607 -0.367937 -395.604942 -0.227686
0.50000 -1.049015 -36.838649 -0.227686
-3.685607 -0.102143 -441.609444 -0.227686
0.75000 -1.049015 -36.838649 -0.227686
-3.685607 -0.345318 -487.934167 -0.227686
1.00000 -1.049015 -36.838649 -0.227686
-3.685607 -0.622534 -534.098779 -0.227686
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< UNEQUAL Page SETTLEMENT 143 >
F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 57 ===== LENGTH
5.011721

LOAD -A1-----
REL DIST T P M2 M3 V3
0.00000 -1.044438 14.393807 -0.168918
-4.685490 -0.431157 -210.084698 -0.168918
0.25000 -1.044438 14.393807 -0.168918
-4.685490 -0.219515 -230.116135 -0.168918
0.50000 -1.044438 14.393807 -0.168918
-4.685490 -0.007872 -246.153571 -0.168918
0.75000 -1.044438 14.393807 -0.168918
-4.685490 -0.203770 -261.189077 -0.168918
1.00000 -1.044438 14.393807 -0.168918
-4.685490 0.415413 -282.222443 -0.168918

LOAD -P1-----
REL DIST T P M2 M3 V3
0.00000 1.286687 -30.451922 0.216363
3.229200 0.259368 441.600719 0.216363
0.25000 1.286687 -30.451922 0.216363
3.229200 0.011720 479.754855 0.216363
0.50000 1.286687 -30.451922 0.216363
3.229200 -0.282808 517.908990 0.216363
0.75000 1.286687 -30.451922 0.216363
3.229200 -0.553895 556.063125 0.216363
1.00000 1.286687 -30.451922 0.216363
3.229200 -0.824983 594.217260 0.216363

LOAD -P2-----
REL DIST T P M2 M3 V3
0.00000 -0.319456 20.798544 -0.056399
2.149399 -0.157314 299.781408 -0.056399
0.25000 -0.319456 20.798544 -0.056399
2.149399 0.173978 325.850534 -0.056399
0.50000 -0.319456 20.798544 -0.056399
2.149399 0.351920 351.920600 -0.056399
0.75000 -0.319456 20.798544 -0.056399
2.149399 0.513077 377.968786 -0.056399
1.00000 -0.319456 20.798544 -0.056399
2.149399 0.385971 -404.027912 -0.056399

LOAD -P3-----
REL DIST T P M2 M3 V3
0.00000 0.095418 -6.116604 0.006723
-0.850904 0.154972 88.058244 0.006723
0.25000 0.095418 -6.116604 0.006723
-0.850904 0.146549 95.756323 0.006723
0.50000 0.095418 -6.116604 0.006723
-0.850904 0.138125 103.420027 0.006723
0.75000 0.095418 -6.116604 0.006723
-0.850904 0.129701 111.083860 0.006723
1.00000 0.095418 -6.116604 0.006723
-0.850904 0.121278 118.747359 0.006723

LOAD -P4-----
REL DIST T P M2 M3 V3
0.00000 -0.019924 1.677958 0.004111
0.238155 -0.121616 -24.161284 0.004111
0.25000 -0.019924 1.677958 0.004111
0.238155 -0.125767 -26.636348 0.004111
0.50000 -0.019924 1.677958 0.004111
0.238155 0.131917 -28.366012 0.004111
0.75000 -0.019924 1.677958 0.004111
0.238155 -0.137067 -30.468377 0.004111
1.00000 -0.019924 1.677958 0.004111
0.238155 -0.142218 -32.570741 0.004111

LOAD -P5-----
REL DIST T P M2 M3 V3
0.00000 0.001712 -0.301783 -0.001880
0.045900 0.035119 4.344026 -0.001880
0.25000 0.001712 -0.301783 -0.001880
0.045900 0.037474 4.344026 -0.001880
0.50000 0.001712 -0.301783 -0.001880
0.045900 0.039829 4.344026 -0.001880
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< UNEQUAL Page SETTLEMENT 144 >
F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T P M2 M3 V3
0.75000 0.001712 -0.301783 -0.001880
0.045900 0.042184 5.478365 -0.001880
1.00000 0.001712 -0.301783 -0.001880
0.045900 0.044539 5.856478

LOAD -2N+1-----
REL DIST T P M2 M3 V3
0.00000 -1.383817 36.870309 -0.221207
-2.332396 -0.449460 -534.037390 -0.221207
0.25000 -1.383817 36.870309 -0.221207
-2.332396 -0.449460 -534.037390 -0.221207
0.50000 -1.383817 36.870309 -0.221207
-2.332396 -0.449460 -534.037390 -0.221207
0.75000 -1.383817 36.870309 -0.221207
-2.332396 -0.382010 672.625170 -0.221207
1.00000 -1.383817 36.870309 -0.221207
-2.332396 0.659166 718.821097 -0.221207

LOAD -2N+2-----
REL DIST T P M2 M3 V3
0.00000 1.383817 -36.870309 0.221207
2.332396 0.449460 534.037390 0.221207
0.25000 1.383817 -36.870309 0.221207
2.332396 0.172303 590.233316 0.221207
0.50000 1.383817 -36.870309 0.221207
2.332396 -0.104853 626.429243 0.221207
0.75000 1.383817 -36.870309 0.221207
2.332396 -0.382010 672.625170 0.221207
1.00000 1.383817 -36.870309 0.221207
2.332396 -0.659166 718.821097 0.221207

COMB SETTLE ----- MAX
REL DIST T P M2 M3 V3
0.00000 1.383817 -36.870309 0.221207
3.229200 0.449460 534.037390 0.221207
0.25000 1.383817 -36.870309 0.221207
3.229200 1.173978 590.233316 0.221207
0.50000 1.383817 -36.870309 0.221207
3.229200 0.244643 626.429243 0.221207
0.75000 1.383817 -36.870309 0.221207
3.229200 0.382010 672.625170 0.221207
1.00000 1.383817 -36.870309 0.221207
3.229200 0.659166 718.821097 0.221207

COMB SETTLE ----- MIN
REL DIST T P M2 M3 V3
0.00000 -1.383817 -36.870309 -0.221207
-4.685490 -0.449460 -534.037390 -0.221207
0.25000 -1.383817 -36.870309 -0.221207
-4.685490 -0.219515 -580.233316 -0.221207
0.50000 -1.383817 -36.870309 -0.221207
-4.685490 -0.104853 -626.429243 -0.221207
0.75000 -1.383817 -36.870309 -0.221207
-4.685490 -0.553895 -672.625170 -0.221207
1.00000 -1.383817 -36.870309 -0.221207
-4.685490 -0.824983 718.821097 -0.221207

ELEM 58 ===== LENGTH
5.012152

LOAD -A1-----
REL DIST T P M2 M3 V3
0.00000 -1.293020 14.490447 -0.158253
-5.695827 -0.280809 -282.155586 -0.158253
0.25000 -1.293020 14.490447 -0.158253
-5.695827 -0.082512 -300.312666 -0.158253
0.50000 -1.293020 14.490447 -0.158253
-5.695827 0.115786 -318.469747 -0.158253
0.75000 -1.293020 14.490447 -0.158253
-5.695827 0.314083 -336.626828 -0.158253
1.00000 -1.293020 14.490447 -0.158253
-5.695827 0.512381 -354.783908 -0.158253
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< UNEQUAL Page SETTLEMENT 145 >
F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P1-----
REL DIST T P M2 M3 V3
0.00000 1.566748 -30.588678 0.188035
5.591351 -0.040713 594.148869 0.188035
0.25000 1.566748 -30.588678 0.188035
5.591351 -0.276327 632.477643 0.188035
0.50000 1.566748 -30.588678 0.188035
5.591351 0.511941 670.806418 0.188035
0.75000 1.566748 -30.588678 0.188035
5.591351 -0.747556 709.135193 0.188035
1.00000 1.566748 -30.588678 0.188035
5.591351 -0.983170 747.463968 0.188035

LOAD -P2-----
REL DIST T P M2 M3 V3
0.00000 -0.361715 20.833102 -0.037883
0.292223 0.267693 -404.026613 -0.037883
0.25000 -0.361715 20.833102 -0.037883
0.292223 0.315162 -430.121280 -0.037883
0.50000 -0.361715 20.833102 -0.037883
0.292223 0.362631 -456.235947 -0.037883
0.75000 -0.361715 20.833102 -0.037883
0.292223 0.410101 -482.340614 -0.037883
1.00000 -0.361715 20.833102 -0.037883
0.292223 0.457570 -508.445282 -0.037883

LOAD -P3-----
REL DIST T P M2 M3 V3
0.00000 0.108177 -6.109054 0.005797
-0.241473 0.157104 118.747852 0.005797
0.25000 0.108177 -6.109054 0.005797
-0.241473 0.149841 126.402729 0.005797
0.50000 0.108177 -6.109054 0.005797
-0.241473 0.142578 134.057606 0.005797
0.75000 0.108177 -6.109054 0.005797
-0.241473 0.135314 141.712482 0.005797
1.00000 0.108177 -6.109054 0.00579

0.50000 0.000926 -0.300434 -0.001654
0.026300 0.055620 8.118298
0.75000 0.000926 -0.300434 -0.001654
0.026300 0.057692 8.494787
1.00000 0.000926 -0.300434 -0.001654
0.026300 0.059765 8.871276

LOAD -2N+1-

REL DIST P M2 M3 V2 V3
0.00000 -1.914604 37.423176 -0.133529
-8.339207 0.134999 -904.122062
0.25000 -1.914604 37.423176 -0.133529
-8.339207 -0.134999 -904.122062
0.50000 -1.914604 37.423176 -0.133529
-8.339207 0.469663 997.915771
0.75000 -1.914604 37.423176 -0.133529
-8.339207 0.636995 -1044.813
1.00000 -1.914604 37.423176 -0.133529
-8.339207 0.804327 -1091.709

LOAD -2N+2-

REL DIST P M2 M3 V2 V3
0.00000 1.914604 -37.423176 0.133529
8.339207 -0.134999 904.122062
0.25000 1.914604 -37.423176 0.133529
8.339207 -0.302331 951.018216
0.50000 1.914604 -37.423176 0.133529
8.339207 -0.469663 997.915771
0.75000 1.914604 -37.423176 0.133529
8.339207 -0.636995 -1044.813
1.00000 1.914604 -37.423176 0.133529
8.339207 -0.804327 -1091.709

COMB SETTLE ----- MAX

REL DIST P M2 M3 V2 V3
0.00000 1.914604 37.423176 0.133529
8.339207 0.425895 904.122062
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< UNEQUAL SETTLEMENT 148 >

FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.25000 1.914604 37.423176 0.133529
8.339207 0.436223 991.018916
0.50000 1.914604 37.423176 0.133529
8.339207 0.469663 997.915771
0.75000 1.914604 37.423176 0.133529
8.339207 0.636995 -1044.813
1.00000 1.914604 37.423176 0.133529
8.339207 0.804327 -1091.709

COMB SETTLE ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.914604 -37.423176 -0.133529
8.339207 -0.325264 -904.122062
0.25000 -1.914604 -37.423176 -0.133529
-8.339207 -0.489955 -951.018916
0.50000 -1.914604 -37.423176 -0.133529
-8.339207 -0.656247 -997.915771
0.75000 -1.914604 -37.423176 -0.133529
-8.339207 -0.816338 -1044.813
1.00000 -1.914604 -37.423176 -0.133529
-8.339207 -0.980030 -1091.709

ELEM 60 ===== LENGTH

LOAD -A1 -----

REL DIST T P M2 M3 V2 V3
0.00000 -1.722527 15.167224 -0.100957
-7.099196 -0.042766 -428.448254
0.25000 -1.722527 15.167224 -0.100957
-7.099196 0.083737 -447.453466
0.50000 -1.722527 15.167224 -0.100957
-7.099196 0.210240 -466.458678
0.75000 -1.722527 15.167224 -0.100957
-7.099196 0.336743 -484.463889
1.00000 -1.722527 15.167224 -0.100957
-7.099196 0.463246 -504.469101

LOAD -P1 -----

REL DIST T P M2 M3 V2 V3
0.00000 1.982861 -31.849492 0.077369
-0.472234 902.721910
0.25000 1.982861 -31.849492 0.077369
9.156136 -0.569180 942.630751
0.50000 1.982861 -31.849492 0.077369
9.156136 -0.666127 982.539592
0.75000 1.982861 -31.849492 0.077369
9.156136 -0.763073 1022.448
1.00000 1.982861 -31.849492 0.077369
9.156136 -0.860019 1062.357

LOAD -P2 -----

REL DIST T P M2 M3 V2 V3
0.00000 -0.347691 21.449022 0.017666
-3.049477 0.539218 -613.815822
0.25000 -0.347691 21.449022 0.017666
-3.049477 0.516082 -604.892407
0.50000 -0.347691 21.449022 0.017666
-3.049477 0.493497 -607.568993
0.75000 -0.347691 21.449022 0.017666
-3.049477 0.471811 -604.445578
1.00000 -0.347691 21.449022 0.017666
-3.049477 0.449675 -721.322163

LOAD -P3 -----

REL DIST T P M2 M3 V2 V3
0.00000 0.105225 -6.146686 0.003046
1.296447 0.096899 180.04003
0.25000 0.105225 -6.146686 0.003046
1.296447 0.093082 187.742146
0.50000 0.105225 -6.146686 0.003046
1.296447 0.089265 195.44429
0.75000 0.105225 -6.146686 0.003046
1.296447 0.085447 203.148292
1.00000 0.105225 -6.146686 0.003046
1.296447 0.081630 214.848365
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

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FRAME ELEMENT INTERNAL FORCES

LOAD -P4 -----

REL DIST T P M2 M3 V2 V3
0.00000 -0.017193 1.679219 0.004596
-0.379930 -0.176817 -49.369110
0.25000 -0.017193 1.679219 0.004596
-0.379930 -0.182577 -51.473246
0.50000 -0.017193 1.679219 0.004596
-0.379930 -0.188336 -53.577382
0.75000 -0.017193 1.679219 0.004596
-0.379930 -0.194096 -55.681518
1.00000 -0.017193 1.679219 0.004596
-0.379930 -0.199855 -57.785654

LOAD -P5 -----

REL DIST P M2 M3 V2 V3
0.00000 -0.000175 8.295464 -0.001721
0.076019 0.056700 8.871203
0.25000 -0.000175 8.295464 -0.001721
0.076019 0.058866 9.246222
0.50000 -0.000175 8.295464 -0.001721
0.076019 0.061012 9.621241
0.75000 -0.000175 8.295464 -0.001721
0.076019 0.063168 9.996259
1.00000 -0.000175 8.295464 -0.001721
0.076019 0.065324 10.371278

LOAD -2N+1-

REL DIST P M2 M3 V2 V3
0.00000 -2.087911 38.295464 -0.078694
-10.528603 0.318635 -1091.633
0.25000 -2.087911 38.295464 -0.078694
-10.528603 0.417243 -1139.619
0.50000 -2.087911 38.295464 -0.078694
-10.528603 0.515850 -1187.605
0.75000 -2.087911 38.295464 -0.078694
-10.528603 0.614458 -1235.591
1.00000 -2.087911 38.295464 -0.078694
-10.528603 0.713066 -1283.577

LOAD -2N+2-

REL DIST T P M2 M3 V2 V3
0.00000 2.087911 -38.295464 0.078694
10.528603 -0.318635 -1091.633
0.25000 2.087911 -38.295464 0.078694
10.528603 -0.417243 -1139.619
0.50000 2.087911 -38.295464 0.078694
10.528603 -0.515850 -1187.605
0.75000 2.087911 -38.295464 0.078694
10.528603 -0.614458 -1235.591
1.00000 2.087911 -38.295464 0.078694
10.528603 -0.713066 -1283.577

COMB SETTLE ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 2.087911 38.295464 0.078694
10.528603 0.538218 1091.633
0.25000 2.087911 38.295464 0.078694
10.528603 0.516082 1139.619
0.50000 2.087911 38.295464 0.078694
10.528603 0.515850 1187.605
0.75000 2.087911 38.295464 0.078694
10.528603 0.614458 1235.591
1.00000 2.087911 38.295464 0.078694
10.528603 0.713066 1283.577

COMB SETTLE ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -2.087911 -38.295464 -0.100957
-10.528603 -0.472234 -1091.633
0.25000 -2.087911 -38.295464 -0.100957
-10.528603 -0.569180 -1139.619
0.50000 -2.087911 -38.295464 -0.100957
-10.528603 -0.666127 -1187.605
0.75000 -2.087911 -38.295464 -0.100957
-10.528603 -0.763073 -1235.591
1.00000 -2.087911 -38.295464 -0.100957
-10.528603 -0.860019 -1283.577
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

ELEM 61 ===== LENGTH

LOAD -A1 -----

REL DIST T P M2 M3 V2 V3
0.00000 -1.896338 16.008036 -0.111102
-6.531146 -0.023450 -540.054332
0.25000 -1.896338 16.008036 -0.111102
-6.531146 -0.115785 -590.0286
0.50000 -1.896338 16.008036 -0.111102
-6.531146 0.255020 -645.25812
0.75000 -1.896338 16.008036 -0.111102
-6.531146 0.394254 -695.25812
1.00000 -1.896338 16.008036 -0.111102
-6.531146 0.534389 -745.651693

LOAD -P1 -----

REL DIST T P M2 M3 V2 V3
0.00000 2.103413 -33.509752 0.101295
8.373756 -0.522582 1062.292
0.25000 2.103413 -33.509752 0.101295
8.373756 0.649527 1104.287
0.50000 2.103413 -33.509752 0.101295
8.373756 -0.776471 1146.283
0.75000 2.103413 -33.509752 0.101295
8.373756 0.903416 1188.278
1.00000 2.103413 -33.509752 0.101295
8.373756 -1.030361 1230.273

LOAD -P2 -----

REL DIST T P M2 M3 V2 V3
0.00000 -0.280536 22.326374 0.002819
-0.535501 0.638901 -721.31765
0.25000 -0.280536 22.326374 0.002819
-0.535501 0.634468 -749.299129
0.50000 -0.280536 22.326374 0.002819
-0.535501 0.630935 -771.29493
0.75000 -0.280536 22.326374 0.002819
-0.535501 0.627402 -805.263857
1.00000 -0.280536 22.326374 0.002819
-0.535501 0.623869 -833.246221

LOAD -P3 -----

REL DIST T P M2 M3 V2 V3
0.00000 0.086322 -6.218901 0.002141
0.75000 0.086322 -6.218901 0.002141
0.25000 0.086322 -6.218901 0.002141
1.296447 0.086322 -6.218901 0.002141
0.50000 0.086322 -6.218901 0.002141
1.296447 0.086322 -6.218901 0.002141
0.75000 0.086322 -6.218901 0.002141
1.296447 0.086322 -6.218901 0.002141
1.00000 0.086322 -6.218901 0.002141
1.296447 0.086322 -6.218901 0.002141

LOAD -P4 -----

REL DIST T P M2 M3 V2 V3
0.00000 -0.011013 1.690286 0.007476
-0.638867 -0.181193 -57.84211
0.25000 -0.011013 1.690286 0.007476
-0.638867 -0.190563 -59.902510
0.50000 -0.011013 1.690286 0.007476
-0.638867 -0.199932 -62.020810
0.75000 -0.011013 1.690286 0.007476
-0.638867 -0.209302 -64.139109
1.00000 -0.011013 1.690286 0.007476
-0.638867 -0.218671 -66.257409

LOAD -P5 -----

REL DIST T P M2 M3 V2 V3
0.00000 -0.001848 -0.298041 -0.002630
0.134863 0.060658 10.371029
0.25000 -0.001848 -0.298041 -0.002630
0.134863 0.063954 10.744540

0.50000 -0.001848 -0.298041 -0.002630
0.134863 0.067250 11.118051
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.75000 -0.001848 -0.298041 -0.002630
0.134863 0.070546 11.491562
1.00000 -0.001848 -0.298041 -0.002630
0.134863 0.073841 11.865073

LOAD -2N+1-

REL DIST T P M2 M3 V2 V3
0.00000 -2.187887 -40.026695 -0.100806
-10.625514 -0.433358 -1283.506
0.25000 -2.187887 -40.026695 -0.100806
-10.625514 -0.559691 -1333.6369
0.50000 -2.187887 -40.026695 -0.100806
-10.625514 0.686023 1383.831
0.75000 -2.187887 -40.026695 -0.100806
-10.625514 0.812355 1433.993
1.00000 -2.187887 -40.026695 -0.100806
-10.625514 0.938687 1484.155

LOAD -2N+2-

REL DIST T P M2 M3 V2 V3
0.00000 2.187887 40.026695 0.100806
10.625514 -0.433358 -1283.506
0.25000 2.187887 40.026695 0.100806
10.625514 -0.559691 -1333.6369
0.50000 2.187887 40.026695 0.100806
10.625514 -0.686023 1383.831
0.75000 2.187887 40.026695 0.100806
10.625514 -0.812355 1433.993
1.00000 2.187887 40.026695 0.100806
10.625514 -0.938687 1484.155

COMB SETTLE ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 2.187887 40.026695 0.101295
10.625514 0.638001 1283.506
0.25000 2.187887 40.026695 0.101295
10.625514 0.634468 1333.669
0.50000 2.187887 40.026695 0.101295
10.625514 0.686023 1383.831
0.75000 2.187887 40.026695 0.101295
10.625514 0.812355 1433.993
1.00000 2.187887 40.026695 0.101295
10.625514 0.938687 1484.155

COMB SETTLE ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -2.187887 -40.026695 -0.111102
-10.625514 -0.522582 -1283.506
0.25000 -2.187887 -40.026695 -0.111102
-10.625514 -0.649527 -1333.669
0.50000 -2.187887 -40.026695 -0.111102
-10.625514 -0.776471 -1383.831
0.75000 -2.187887 -40.026695 -0.111102
-10.625514 -0.903416 -1433.993
1.00000 -2.187887 -40.026695 -0.111102
-10.625514 -1.030361 -1484.155

ELEM 62 ===== LENGTH

LOAD -A1 -----

REL DIST T P M2 M3 V2 V3
0.00000 -2.039022 17.274018 -0.206316
-4.876652 0.134676 -584.598603
0.25000 -2.039022 17.274018 -0.206316
-4.876652 0.393222 -605.245652
0.50000 -2.039022 17.274018 -0.206316
-4.876652 0.651768 -627.892702
0.75000 -2.039022 17.274018 -0.206316
-4.876652 0.910314 -649.539752
1.00000 -2.039022 17.274018 -0.206316
-4.876652 1.168860 -671.186802
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL SETTLEMENT 152 >

FRAME ELEMENT INTERNAL FORCES

LOAD -P1 -----

REL DIST T P M2 M3 V2 V3
0.00000 2.159312 -36.025425 0.284353
5.446138 -0.876410 1230.229
0.25000 2.159312 -36.025425 0.284353
5.446138 -1.232748 1275.374
0.50000 2.159312 -36.025425 0.284353
5.446138 -1.589086 1320.520
0.75000 2.159312 -36.025425 0.284353
5.446138 -1.945425 1365.665
1.00000 2.159312 -36.025425 0.284353
5.446138 -2.301763 1410.811

LOAD -P2 -----

REL DIST T P M2 M3 V2 V3
0.00000 -0.170007 23.663478 -0.089394
-2.857555 0.653682 -833.249030
0.25000 -0.170007 23.663478 -0.089394
-2.857555 0.707708 -882.903074
0.50000 -0.170007 23.663478 -0.089394
-2.857555 0.759733 -922.557119
0.75000 -0.170007 23.663478 -0.089394
-2.857555 0.811758 -962.211183
1.00000 -0.170007 23.663478 -0.089394
-2.857555 0.863783 -951.865208

LOAD -P3 -----

REL DIST T P M2 M3 V2 V3
0.00000 0.054782 -6.320467 0.001990
3.021046 -0.070957 242.0

-1.082972 -0.124907 -58.295478
1.00000 0.014858 -6.269456
-1.082972 -0.092072 -52.796865

LOAD -P5

REL DIST T M2 M3 V3
0.00000 -0.007668 1.115927 0.012445
0.244234 0.084587 13.343644 0.012445
0.25000 -0.015948 1633.238 0.012445
0.244234 0.073673 12.364922 0.012445
0.50000 -0.007668 1.115927 0.012445
0.244234 0.062758 11.386201 0.012445
0.75000 -0.007668 1.115927 0.012445
0.244234 0.051844 10.407479 0.012445
1.00000 -0.007668 1.115927 0.012445
0.244234 0.040929 9.428758

LOAD -2N+1

REL DIST T M2 M3 V3
0.00000 -2.172855 -73.676369 0.308491
-4.949860 2.457015 -1697.856 0.308491
0.25000 -2.172855 -73.676369 0.308491
-4.949860 -2.186454 -1633.238 0.308491
0.50000 -2.172855 -73.676369 0.308491
-4.949860 1.915893 -1568.620 0.308491
0.75000 -2.172855 -73.676369 0.308491
-4.949860 -2.164532 -1504.003 0.308491
1.00000 -2.172855 -73.676369 0.308491
-4.949860 1.374770 -1439.385

LOAD -2N+2

REL DIST T M2 M3 V3
0.00000 2.172855 73.676369 -0.308491
4.949860 -2.457015 1697.856 -0.308491
0.25000 2.172855 73.676369 -0.308491
-4.949860 -1.633232 1633.238 -0.308491
0.50000 2.172855 73.676369 -0.308491
-4.949860 -1.915893 1568.620 -0.308491
0.75000 2.172855 73.676369 -0.308491
-4.949860 1.504032 1504.003 -0.308491
1.00000 2.172855 73.676369 -0.308491
-4.949860 -1.374770 1439.385

COMB SETTLE ----- MAX
REL DIST T M2 M3 V3
0.00000 2.172855 73.676369 0.308491
4.949860 2.457015 1697.856 0.308491
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.00000 2.172855 73.676369 0.308491
4.949860 2.186454 1633.238 0.308491
0.50000 2.172855 73.676369 0.308491
-4.949860 1.915893 1568.620 0.308491
0.75000 2.172855 73.676369 0.308491
-4.949860 1.645332 1504.003 0.308491
1.00000 2.172855 73.676369 0.308491
-4.949860 1.374770 1439.385

COMB SETTLE ----- MIN
REL DIST T M2 M3 V3
0.00000 -2.172855 -73.676369 -0.325323
-4.949860 -2.457015 -1697.856 -0.325323
0.25000 -2.172855 -73.676369 -0.325323
-4.949860 -2.186454 -1633.238 -0.325323
0.50000 -2.172855 -73.676369 -0.325323
-4.949860 -1.915893 -1568.620 -0.325323
0.75000 -2.172855 -73.676369 -0.325323
-4.949860 -1.645332 -1504.003 -0.325323
1.00000 -2.172855 -73.676369 -0.325323
-4.949860 -1.374770 -1439.385

ELEM 64 ===== LENGTH
5.012349

LOAD -A1

REL DIST T M2 M3 V3
0.00000 -2.266985 -17.863970 -0.028413
0.121891 0.219270 -603.801437 -0.028413
0.25000 -2.266985 -17.863970 -0.028413
0.121891 0.254874 -581.216323 -0.028413
0.50000 -2.266985 -17.863970 -0.028413
0.121891 0.290478 -558.831209 -0.028413
0.75000 -2.266985 -17.863970 -0.028413
0.121891 0.326092 -526.469095 -0.028413
1.00000 -2.266985 -17.863970 -0.028413
0.121891 0.361686 -514.060980 -0.028413

LOAD -P1

REL DIST T M2 M3 V3
0.00000 2.113165 46.887360 -0.109080
-3.633523 -1.351144 1236.8730 -0.109080
0.25000 2.113165 46.887360 -0.109080
-3.633523 -1.134454 1633.238 -0.109080
0.50000 2.113165 46.887360 -0.109080
-3.633523 -1.077771 1119.365 -0.109080
0.75000 2.113165 46.887360 -0.109080
-3.633523 -0.841085 724.061119 -0.109080
1.00000 2.113165 46.887360 -0.109080
-3.633523 -0.804398 1001.858

LOAD -P2

REL DIST T M2 M3 V3
0.00000 0.181790 -46.700614 0.163707
0.653320 1.528005 -783.000939 0.163707
0.25000 0.181790 -46.700614 0.163707
0.653320 3.22696 -724.400992 0.163707
0.50000 0.181790 -46.700614 0.163707
0.653320 1.117727 -665.961045 0.163707
0.75000 0.181790 -46.700614 0.163707
0.653320 0.912588 -607.441097 0.163707
1.00000 0.181790 -46.700614 0.163707
0.653320 0.707449 -548.921150

LOAD -P3

REL DIST T M2 M3 V3
0.00000 -0.048185 22.798729 -0.009481
3.769388 -0.381235 193.095662 -0.009481
0.25000 -0.048185 22.798729 -0.009481
3.769388 -0.369354 164.526864 -0.009481
0.50000 -0.048185 22.798729 -0.009481
3.769388 -0.357474 135.958066 -0.009481
0.75000 -0.048185 22.798729 -0.009481
3.769388 -0.344594 107.389268 -0.009481
1.00000 -0.048185 22.798729 -0.009481
3.769388 -0.333713 78.820470 -0.009481
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

LOAD -P4
REL DIST T M2 M3 V3
0.00000 0.031255 -6.236203 -0.025565

-1.192709 -0.046387 -52.794852
0.25000 0.031255 -6.236203 -0.025565
-1.192709 -0.046387 -52.794852
0.50000 0.031255 -6.236203 -0.025565
-1.192709 0.017684 -37.165824 -0.025565
0.75000 0.031255 -6.236203 -0.025565
-1.192709 0.049719 29.351549 -0.025565
1.00000 0.031255 -6.236203 -0.025565
-1.192709 0.081755 -21.536795

LOAD -P5

REL DIST T M2 M3 V3
0.00000 -0.011039 1.114204 0.008832
0.281633 0.031491 9.428216 0.008832
0.25000 -0.011039 1.114204 0.008832
0.281633 0.020424 8.031394 0.008832
0.50000 -0.011039 1.114204 0.008832
0.281633 0.009356 6.634572 0.008832
0.75000 -0.011039 1.114204 0.008832
0.281633 -0.007111 5.237750 0.008832
1.00000 -0.011039 1.114204 0.008832
0.281633 -0.012779 3.840928

LOAD -2N+1

REL DIST T M2 M3 V3
0.00000 -2.053941 -70.800793 0.109728
-0.417498 1.700888 -1439.397 0.109728
0.25000 -2.053941 -70.800793 0.109728
-0.417498 1.563388 -1350.678 0.109728
0.50000 -2.053941 -70.800793 0.109728
-0.417498 1.425889 -1261.958 0.109728
0.75000 -2.053941 -70.800793 0.109728
-0.417498 1.288390 -1173.239 0.109728
1.00000 -2.053941 -70.800793 0.109728
-0.417498 1.150890 -1084.519

LOAD -2N+2

REL DIST T M2 M3 V3
0.00000 2.053941 70.800793 -0.109728
-0.417498 1.700888 1439.397 -0.109728
0.25000 2.053941 70.800793 -0.109728
-0.417498 1.563388 1350.678 -0.109728
0.50000 2.053941 70.800793 -0.109728
-0.417498 1.425889 1261.958 -0.109728
0.75000 2.053941 70.800793 -0.109728
-0.417498 1.288390 1173.239 -0.109728
1.00000 2.053941 70.800793 -0.109728
-0.417498 1.150890 1084.519

COMB SETTLE ----- MAX

REL DIST T M2 M3 V3
0.00000 2.113165 70.800793 0.163707
3.769388 1.700888 1439.397 0.163707
0.25000 2.113165 70.800793 0.163707
3.769388 1.563388 1350.678 0.163707
0.50000 2.113165 70.800793 0.163707
3.769388 1.425889 1261.958 0.163707
0.75000 2.113165 70.800793 0.163707
3.769388 1.288390 1173.239 0.163707
1.00000 2.113165 70.800793 0.163707
3.769388 1.150890 1084.519

COMB SETTLE ----- MIN

REL DIST T M2 M3 V3
0.00000 -2.266985 -70.800793 -0.109728
-3.633523 -1.700888 -1439.397 -0.109728
0.25000 -2.266985 -70.800793 -0.109728
-3.633523 -1.563388 -1350.678 -0.109728
0.50000 -2.266985 -70.800793 -0.109728
-3.633523 -1.425889 -1261.958 -0.109728
0.75000 -2.266985 -70.800793 -0.109728
-3.633523 -1.288390 -1173.239 -0.109728
1.00000 -2.266985 -70.800793 -0.109728
-3.633523 -1.150890 -1084.519

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FRAME ELEMENT INTERNAL FORCES

ELEM 65 ===== LENGTH
5.012445

LOAD -A1

REL DIST T M2 M3 V3
0.00000 -2.326321 -16.880663 -0.053708
0.107566 0.195294 -514.053972 -0.053708
0.25000 -2.326321 -16.880663 -0.053708
0.107566 0.225206 -492.907322 -0.053708
0.50000 -2.326321 -16.880663 -0.053708
0.107566 0.329898 -471.747272 -0.053708
0.75000 -2.326321 -16.880663 -0.053708
0.107566 0.397169 -426.151872 -0.053708
1.00000 -2.326321 -16.880663 -0.053708
0.107566 0.464501 -429.440572

LOAD -P1

REL DIST T M2 M3 V3
0.00000 1.995398 44.976306 -0.057746
-5.469501 -1.134421 1001.901 -0.057746
0.25000 1.995398 44.976306 -0.057746
-5.469501 -1.062059 945.540396 -0.057746
0.50000 1.995398 44.976306 -0.057746
-5.469501 -0.989696 889.180076 -0.057746
0.75000 1.995398 44.976306 -0.057746
-5.469501 -0.917334 832.819756 -0.057746
1.00000 1.995398 44.976306 -0.057746
-5.469501 -0.844972 776.459436

LOAD -P2

REL DIST T M2 M3 V3
0.00000 0.404715 -45.681878 0.142671
1.332432 -45.681878 0.142671
0.25000 0.404715 -45.681878 0.142671
1.332432 -45.681878 0.142671
0.50000 0.404715 -45.681878 0.142671
1.332432 -45.681878 0.142671
0.75000 0.404715 -45.681878 0.142671
1.332432 -45.681878 0.142671
1.00000 0.404715 -45.681878 0.142671
1.332432 -45.681878 0.142671

LOAD -P3

REL DIST T M2 M3 V3
0.00000 -0.107813 22.887236 0.018671
3.076882 -0.501398 78.268729 0.018671
0.25000 -0.107813 22.887236 0.018671
3.076882 -0.478001 50.381206 0.018671
0.50000 -0.107813 22.887236 0.018671
3.076882 -0.454604 29.150723 0.018671
0.75000 -0.107813 22.887236 0.018671
3.076882 -0.431207 6.678061 0.018671
1.00000 -0.107813 22.887236 0.018671
3.076882 -0.407810 54.907694

LOAD -P4

REL DIST T M2 M3 V3
0.00000 0.048569 -6.215258 -0.019752
-1.233732 0.130841 -21.533421 -0.019752
0.25000 0.048569 -6.215258 -0.019752
-1.233732 0.155592 -13.745011 -0.019752
0.50000 0.048569 -6.215258 -0.019752
-1.233732 0.180343 -5.956800 -0.019752
0.75000 0.048569 -6.215258 -0.019752

-1.233732 0.205095 1.831810
1.00000 0.048569 -6.215258
-1.233732 0.229646 9.620220

LOAD -P5

REL DIST T M2 M3 V3
0.00000 -0.014539 1.114256 0.007206
0.301352 -0.022747 3.840009 0.007206
0.25000 -0.014539 1.114256 0.007206
0.301352 -0.031777 2.443722 0.007206
0.50000 -0.014539 1.114256 0.007206
0.301352 0.040808 1.047435 0.007206
Program File:상행S11-S1504.OUT Version 7.42

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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.75000 -0.014539 1.114256 0.007206
0.301352 -0.049838 -0.348851 0.007206
1.00000 -0.014539 1.114256 0.007206
0.301352 -0.058868 -1.745138

LOAD -2N+1

REL DIST T M2 M3 V3
0.00000 -1.873037 -68.777798 0.069211
1.379167 1.658567 1084.552 0.069211
0.25000 -1.873037 -68.777798 0.069211
1.379167 1.571838 998.365324 0.069211
0.50000 -1.873037 -68.777798 0.069211
1.379167 1.485108 912.179084 0.069211
0.75000 -1.873037 -68.777798 0.069211
1.379167 1.398378 825.992844 0.069211
1.00000 -1.873037 -68.777798 0.069211
1.379167 1.311649 739.806604

LOAD -2N+2

REL DIST T M2 M3 V3
0.00000 1.873037 68.777798 -0.069211
-1.379167 -1.658567 -1084.552 -0.069211
0.25000 1.873037 68.777798 -0.069211
-1.379167 -1.571838 -998.365324 -0.069211
0.50000 1.873037 68.777798 -0.069211
-1.379167 -1.485108 -912.179084 -0.069211
0.75000 1.873037 68.777798 -0.069211
-1.379167 -1.398378 -825.992844 -0.069211
1.00000 1.873037 68.777798 -0.069211
-1.379167 -1.311649 -739.806604

COMB SETTLE ----- MAX

REL DIST T M2 M3 V3
0.00000 1.995398 68.777798 0.142671
3.788982 1.658567 1084.552 0.142671
0.25000 1.995398 68.777798 0.142671
3.788982 1.571838 998.365324 0.142671
0.50000 1.995398 68.777798 0.142671
3.788982 1.485108 912.179084 0.142671
0.75000 1.995398 68.777798 0.142671
3.788982 1.398378 825.992844 0.142671
1.00000 1.995398 68.777798 0.142671
3.788982 1.311649 776.459436

COMB SETTLE ----- MIN

REL DIST T M2 M3 V3
0.00000 -2.326321 -16.880663 -0.069211
-5.469501 -1.658567 -1084.552 -0.069211
0.25000 -2.326321 -16.880663 -0.069211
-5.469501 -1.571838 -998.365324 -0.069211
0.50000 -2.326321 -16.880663 -0.069211
-5.469501 -1.485108 -912.179084 -0.069211
0.75000 -2.326321 -16.880663 -0.069211
-5.469501 -1.398378 -825.992844 -0.069211
1.00000 -2.326321 -16.880663 -0.069211
-5.469501 -1.311649 -739.806604

ELEM 66 ===== LENGTH
5.011745

LOAD -A1

REL DIST T M2 M3 V3
0.00000 -2.357693 -16.361958 -0.029080
0.898759 0.377051 -429.440621 -0.029080
0.25000 -2.357693 -16.361958 -0.029080
0.898759 0.413487 -408.940131 -0.029080
0.50000 -2.357693 -16.361958 -0.029080
0.898759 0.449923 -388.439642 -0.029080
0.75000 -2.357693 -16.361958 -0.029080
0.898759 0.486359 -367.939152 -0.029080
1.00000 -2.357693 -16.361958 -0.029080
0.898759 0.522795 -347.438663 -0.029080
Program File:상행S11-S1504.OUT Version 7.42

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FRAME ELEMENT INTERNAL FORCES

LOAD -P4			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.062840	-6.201866	-0.015609
0.941005	-0.041083	40.710342	
0.25000	0.082840	-6.201866	-0.015609
-0.941005	-0.430426	48.493751	
0.50000	0.082840	-6.201866	-0.015609
0.941005	-0.266989	5.266989	
0.75000	0.082840	-6.201866	-0.015609
-0.941005	-0.469550	64.039428	
1.00000	0.082840	-6.201866	-0.015609
-0.941005	-0.489113	71.812266	
LOAD -P5			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.021516	1.113751	0.006041
0.255353	-0.111370	7.330312	
0.25000	-0.021516	1.113751	0.006041
-0.255353	-0.118940	-8.726182	
0.50000	-0.021516	1.113751	0.006041
0.255353	-0.126511	-10.122053	
0.75000	-0.021516	1.113751	0.006041
0.255353	-0.134082	-11.571924	
1.00000	-0.021516	1.113751	0.006041
0.255353	-0.141652	-12.913795	
LOAD -2N+1			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.359248	-67.170229	0.196716
1.743575	-2.110501	-400.588873	
0.25000	-1.359248	-67.170229	0.196716
1.743575	-1.863955	-316.403933	
0.50000	-1.359248	-67.170229	0.196716
1.743575	-1.617410	-232.219114	
0.75000	-1.359248	-67.170229	0.196716
1.743575	-1.370864	-148.034234	
1.00000	-1.359248	-67.170229	0.196716
1.743575	-1.124319	-63.849355	
LOAD -2N+2			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.359248	67.170229	-0.196716
-1.743575	-2.110501	-400.588873	
0.25000	1.359248	67.170229	-0.196716
-1.743575	-1.863955	-316.403933	
0.50000	1.359248	67.170229	-0.196716
-1.743575	-1.617410	-232.219114	
0.75000	1.359248	67.170229	-0.196716
-1.743575	-1.370864	-148.034234	
1.00000	1.359248	67.170229	-0.196716
-1.743575	-1.124319	-63.849355	
COMB SETTLE			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.605775	67.170229	0.206413
2.637305	-2.110501	-556.243239	
Program	SAP2000	Nonlinear	Version 7.42
File:	상행S11-S1504.OUT		
< UNEQUAL SETTLEMENT 162 >			
FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	V2	V3
T	M2	M3	
0.25000	1.605775	67.170229	0.206413
0.50000	1.605775	67.170229	0.206413
0.75000	1.605775	67.170229	0.206413
1.00000	1.605775	67.170229	0.206413
2.637305	1.124319	338.444706	
COMB SETTLE			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.363596	-67.170229	-0.196716
-4.636234	-2.110501	-400.588873	
0.25000	-2.363596	-67.170229	-0.196716
-4.636234	-1.863955	-327.274267	
0.50000	-2.363596	-67.170229	-0.196716
-4.636234	-1.617410	-307.108234	
0.75000	-2.363596	-67.170229	-0.196716
-4.636234	-1.370864	-286.942200	
1.00000	-2.363596	-67.170229	-0.196716
-4.636234	-1.124319	-266.776167	
ELEM 68 ===== LENGTH			
LOAD -A1			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.348006	-15.993406	0.031202
-0.795654	0.520521	-266.777308	
0.25000	-2.348006	-15.993406	0.031202
-0.795654	0.481427	-246.738705	
0.50000	-2.348006	-15.993406	0.031202
-0.795654	0.442333	-226.700101	
0.75000	-2.348006	-15.993406	0.031202
-0.795654	0.403239	-206.661497	
1.00000	-2.348006	-15.993406	0.031202
-0.795654	0.364145	-186.628293	
LOAD -P1			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.356859	43.287293	-0.215709
-3.485119	-1.238604	-338.507570	
0.25000	1.356859	43.287293	-0.215709
-3.485119	-0.968335	-287.971662	
0.50000	1.356859	43.287293	-0.215709
-3.485119	-0.698067	-230.035754	
0.75000	1.356859	43.287293	-0.215709
-3.485119	-0.427798	-175.798466	
1.00000	1.356859	43.287293	-0.215709
-3.485119	-0.157529	-121.563938	
LOAD -P2			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.186266	-44.837596	0.219468
3.302518	0.899587	131.055144	
0.25000	1.186266	-44.837596	0.219468
3.302518	0.619630	124.411799	
0.50000	1.186266	-44.837596	0.219468
3.302518	0.349630	109.035754	
0.75000	1.186266	-44.837596	0.219468
3.302518	0.082840	87.102427	
1.00000	1.186266	-44.837596	0.219468
3.302518	-0.200326	355.768455	
LOAD -P3			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.266341	22.635389	-0.025158
1.367816	-0.556978	-261.684983	
0.25000	-0.266341	22.635389	-0.025158
1.367816	-0.525457	-290.045520	
0.50000	-0.266341	22.635389	-0.025158
1.367816	-0.493936	-318.406057	
0.75000	-0.266341	22.635389	-0.025158
1.367816	-0.462414	-346.768595	
1.00000	-0.266341	22.635389	-0.025158
1.367816	-0.430893	-375.127132	
Program	SAP2000	Nonlinear	Version 7.42
File:	상행S11-S1504.OUT		

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FRAME ELEMENT INTERNAL FORCES			
LOAD -P4-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.095452	-6.203412	-0.014959
-0.568686	0.524840	71.814035	
0.25000	0.095452	-6.203412	-0.014959
-0.568686	0.545383	71.586470	
0.50000	0.095452	-6.203412	-0.014959
-0.568686	0.562326	87.358906	
0.75000	0.095452	-6.203412	-0.014959
-0.568686	0.581069	95.131942	
1.00000	0.095452	-6.203412	-0.014959
-0.568686	0.599813	102.903778	
LOAD -P5-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024229	1.111733	0.005156
0.179125	-0.149366	-12.914457	
0.25000	-0.024229	1.111733	0.005156
0.179125	-0.155626	-14.307379	
0.50000	-0.024229	1.111733	0.005156
0.179125	-0.162287	-15.700301	
0.75000	-0.024229	1.111733	0.005156
0.179125	-0.168748	-17.093224	
1.00000	-0.024229	1.111733	0.005156
0.179125	-0.175208	-18.486146	
LOAD -2N+1-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.066289	-67.034415	0.235711
1.938178	-1.944948	-63.908130	
0.25000	-1.066289	-67.034415	0.235711
1.938178	-1.649618	-50.081237	
0.50000	-1.066289	-67.034415	0.235711
1.938178	-1.354289	-40.070605	
0.75000	-1.066289	-67.034415	0.235711
1.938178	-1.058960	-33.059972	
1.00000	-1.066289	-67.034415	0.235711
1.938178	-0.763631	-27.204939	
LOAD -2N+2-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.066289	67.034415	-0.235711
1.938178	1.944948	63.908130	
0.25000	1.066289	67.034415	-0.235711
1.938178	1.649618	-20.081237	
0.50000	1.066289	67.034415	-0.235711
1.938178	1.354289	-104.070605	
0.75000	1.066289	67.034415	-0.235711
1.938178	1.058960	-188.059972	
1.00000	1.066289	67.034415	-0.235711
1.938178	0.763631	-272.049339	
COMB SETTLE-----MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.356859	67.034415	0.235711
3.302518	1.944948	338.507570	
0.25000	1.356859	67.034415	0.235711
3.302518	1.649618	284.271662	
0.50000	1.356859	67.034415	0.235711
3.302518	1.354289	243.411799	
0.75000	1.356859	67.034415	0.235711
3.302518	1.058960	299.590127	
1.00000	1.356859	67.034415	0.235711
3.302518	0.763631	355.768455	
COMB SETTLE-----MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.348006	-67.034415	-0.235711
-3.485119	-1.944948	-266.777308	
0.25000	-2.348006	-67.034415	-0.235711
-3.485119	-1.649618	-290.045520	
0.50000	-2.348006	-67.034415	-0.235711
-3.485119	-1.354289	-318.406057	
0.75000	-2.348006	-67.034415	-0.235711
-3.485119	-1.058960	-348.766595	
1.00000	-2.348006	-67.034415	-0.235711
-3.485119	-0.763631	-375.127132	
Program	SAP2000	Nonlinear	Version 7.42
File:	상행S11-S1504.OUT		
< UNEQUAL SETTLEMENT 164 >			
FRAME ELEMENT INTERNAL FORCES			
ELEM 89 ===== LENGTH = 5.012440			
LOAD -A1-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.316621	-15.963118	0.040275
-1.575857	0.451983	-186.622451	
0.25000	-2.316621	-15.963118	0.040275
-1.575857	0.401514	-166.618909	
0.50000	-2.316621	-15.963118	0.040275
-1.575857	0.351046	-161.615368	
0.75000	-2.316621	-15.963118	0.040275
-1.575857	0.300577	-126.611827	
1.00000	-2.316621	-15.963118	0.040275
-1.575857	0.250108	-106.608286	
LOAD -P1-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.091423	43.325738	-0.210504
-2.759082	-0.900752	-121.623256	
0.25000	1.091423	43.325738	-0.210504
-2.759082	-0.636968	-97.331613	
0.50000	1.091423	43.325738	-0.210504
-2.759082	-0.373183	-71.039700	
0.75000	1.091423	43.325738	-0.210504
-2.759082	-0.103939	-41.252212	
1.00000	1.091423	43.325738	-0.210504
-2.759082	0.154385	-95.544125	
LOAD -P2-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.434146	-44.986778	0.185038
4.450154	0.493776	355.708144	
0.25000	1.434146	-44.986778	0.185038
4.450154	0.261903	412.081523	
0.50000	1.434146	-44.986778	0.185038
4.450154	0.030030	468.454901	
0.75000	1.434146	-44.986778	0.185038
4.450154	0.201843	582.828280	
1.00000	1.434146	-44.986778	0.185038
4.450154	-0.433716	581.201658	
LOAD -P3-----			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.285174	22.726923	-0.003468
-0.096715	-0.483881	-375.126973	
0.25000	-0.285174	22.726923	-0.003468
-0.096715	-0.483881	-375.126973	
0.50000	-0.285174	22.726923	-0.003468
-0.096715	-0.475191	-432.085639	
0.75000	-0.285174	22.726923	-0.003468
-0.096715	-0.470945	-460.564973	
1.00000	-0.285174	22.726923	-0.003468

[illegible]

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V2	V3
0.75000	2.040874	47.844433			-0.118912
-5.090959	-0.168912	1104.188			
1.00000	2.040874	47.844433			-0.118912
-5.090959	-0.017903	1044.234			
LOAD -P3-----					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.033021	-45.909106			0.139441
0.983186	0.374300	-769.413004			
0.25000	-0.033021	-45.909106			0.139441
0.983186	0.193567	171.684288			
0.50000	-0.033021	-45.909106			0.139441
0.983186	0.024835	-654.355852			
0.75000	-0.033021	-45.909106			0.139441
0.983186	-0.149898	-596.827276			
1.00000	-0.033021	-45.909106			0.139441
0.983186	-0.324631	-539.298701			
LOAD -P4-----					
REL DIST	P	M2	M3	V2	V3
0.00000	0.243072	21.061920			0.025722
3.389192	0.523076	176.700519			
0.25000	0.243072	21.061920			0.025722
3.389192	0.490844	150.307984			
0.50000	0.243072	21.061920			0.025722
3.389192	0.458612	123.915349			
0.75000	0.243072	21.061920			0.025722
3.389192	0.426379	97.522714			
1.00000	0.243072	21.061920			0.025722
3.389192	0.394147	71.130079			
LOAD -P5-----					
REL DIST	P	M2	M3	V2	V3
0.00000	-2.147609	-3.861244			-0.024330
0.919084	-0.323001	-32.520355			
0.25000	-2.147609	-3.861244			-0.024330
0.919084	-0.194613	-27.681740			
0.50000	-2.147609	-3.861244			-0.024330
0.919084	-0.164325	-22.843226			
0.75000	-2.147609	-3.861244			-0.024330
0.919084	-0.133638	-18.004711			
1.00000	-2.147609	-3.861244			-0.024330
0.919084	-0.103350	-13.166196			
LOAD -2N+1-----					
REL DIST	P	M2	M3	V2	V3
0.00000	2.339054	73.820863			-0.086892
2.953075	0.323160	1635.991			
0.25000	2.339054	73.820863			-0.086892
2.953075	0.432044	1543.486			
0.50000	2.339054	73.820863			-0.086892
2.953075	0.540929	1450.982			
0.75000	2.339054	73.820863			-0.086892
2.953075	0.649813	1358.477			
1.00000	2.339054	73.820863			-0.086892
2.953075	0.758697	1265.972			
LOAD -2N+2-----					
REL DIST	P	M2	M3	V2	V3
0.00000	-2.339054	-73.820863			0.086892
2.953075	0.323160	-1635.991			
0.25000	-2.339054	-73.820863			0.086892
2.953075	0.432044	-1543.486			
0.50000	-2.339054	-73.820863			0.086892
2.953075	0.540929	-1450.982			
0.75000	-2.339054	-73.820863			0.086892
2.953075	0.649813	-1358.477			
1.00000	-2.339054	-73.820863			0.086892
2.953075	-0.758697	-1265.972			
COMB SETTLE-----MAX					
REL DIST	P	M2	M3	V2	V3
0.00000	2.339054	73.820863			0.139441
3.389192	0.523076	1635.991			
Program SAP2000 Nonlinear Version 7.42					
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< UNEQUAL SETTLEMENT 176 >					
FRAME ELEMENT INTERNAL FORCES					
REL DIST	P	M2	M3	V2	V3
0.00000	2.339054	73.820863			0.139441
0.50000	2.339054	73.820863			0.139441
0.983186	0.540929	1450.982			0.139441
0.75000	2.339054	73.820863			0.139441
0.983186	0.649813	1358.477			0.139441
1.00000	2.339054	73.820863			0.139441
0.983186	0.758697	1265.972			0.139441
COMB SETTLE-----MIN					
REL DIST	P	M2	M3	V2	V3
0.00000	-2.339054	-73.820863			-0.118912
-5.090959	-0.613937	-1635.991			
0.25000	-2.339054	-73.820863			-0.118912
-5.090959	-0.464929	-1543.486			
-5.090959	-0.540929	-1450.982			
0.75000	-2.339054	-73.820863			-0.118912
-5.090959	-0.649813	-1358.477			
1.00000	-2.339054	-73.820863			-0.118912
-5.090959	-0.758697	-1265.972			
ELEM 76 ===== LENGTH					
LOAD -A1-----					
REL DIST	P	M2	M3	V2	V3
0.00000	0.072085	4.816483			0.009244
-0.842059	0.431267	150.610137			
0.25000	0.072085	4.816483			0.009244
-0.842059	0.419551	144.572428			
0.50000	0.072085	4.816483			0.009244
-0.842059	0.407968	138.540395			
0.75000	0.072085	4.816483			0.009244
-0.842059	0.396385	132.505471			
1.00000	0.072085	4.816483			0.009244
-0.842059	0.384802	126.470582			
LOAD -P1-----					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.245768	-23.116194			-0.048805
2.747466	-0.575833	-713.506643			
0.25000	-0.245768	-23.116194			-0.048805
2.747466	-0.514682	-684.542845			
0.50000	-0.245768	-23.116194			-0.048805
2.747466	-0.453531	-655.579046			
0.75000	-0.245768	-23.116194			-0.048805
2.747466	-0.392380	-626.615248			
1.00000	-0.245768	-23.116194			-0.048805
2.747466	-0.331230	-597.651449			
LOAD -P2-----					
REL DIST	P	M2	M3	V2	V3
0.00000	1.930129	46.111094			-0.077402
-6.258469	-0.328035	1044.281			
0.25000	1.930129	46.111094			-0.077402
-6.258469	-0.231052	986.505674			

0.50000	930129	46.111094	-0.077402
-6.258469	-0.134070	928.730053	
0.75000	1.930129	46.111094	-0.077402
-6.258469	-0.037087	870.954433	
1.00000	1.930129	46.111094	-0.077402
-6.258469	0.059895	813.178812	
LOAD -P3-----			
REL DIST	P	M2	V2
0.00000	0.193750	-44.964785	0.127597
1.752045	0.311470	-539.343794	
0.25000	0.193750	-44.964785	0.127597
1.752045	0.151506	-483.004789	
0.50000	0.193750	-44.964785	0.127597
1.752045	-0.008278	-426.665125	
0.75000	0.193750	-44.964785	0.127597
1.752045	0.168152	-370.325791	
1.00000	0.193750	-44.964785	0.127597
1.752045	-0.328027	-313.986456	
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< UNEQUAL SETTLEMENT 177 >			
FRAME ELEMENT INTERNAL FORCES			
LOAD -P4-----			
REL DIST	P	M2	V2
0.00000	0.189692	20.967553	0.011564
3.418928	0.242532	71.122199	
0.25000	0.189692	20.967553	0.011564
3.418928	0.226044	44.850573	
0.50000	0.189692	20.967553	0.011564
3.418928	0.213555	36.789484	
0.75000	0.189692	20.967553	0.011564
3.418928	0.190666	-7.692678	
1.00000	0.189692	20.967553	0.011564
3.418928	0.184577	-33.964304	
LOAD -P5-----			
REL DIST	P	M2	V2
0.00000	-2.139888	-3.814152	-0.022198
-0.817912	-0.081269	-13.163193	
0.25000	-2.139888	-3.814152	-0.022198
-0.817912	-0.054565	-1.738131	
0.50000	-2.139888	-3.814152	-0.022198
-0.817912	-0.052643	-3.605189	
0.75000	-2.139888	-3.814152	-0.022198
-0.817912	-0.002169	-1.738131	
1.00000	-2.139888	-3.814152	-0.022198
-0.817912	0.029982	5.952815	
LOAD -2N+1-----			
REL DIST	P	M2	V2
0.00000	2.191906	71.895131	-0.056594
3.681599	0.345631	1266.014	
0.25000	2.191906	71.895131	-0.056594
-3.681599	0.416542	1175.931	
0.50000	2.191906	71.895131	-0.056594
3.681599	0.487453	1085.849	
0.75000	2.191906	71.895131	-0.056594
-3.681599	0.558363	995.767225	
1.00000	2.191906	71.895131	-0.056594
-3.681599	0.629274	905.685090	
LOAD -2N+2-----			
REL DIST	P	M2	V2
0.00000	-2.191906	-71.895131	0.056594
3.681599	-0.345631	-1266.014	
0.25000	-2.191906	-71.895131	0.056594
3.681599	-0.416542	-1175.931	
0.50000	-2.191906	-71.895131	0.056594
3.681599	-0.487453	-1085.849	
0.75000	-2.191906	-71.895131	0.056594
-3.681599	-0.558363	-995.767225	
1.00000	-2.191906	-71.895131	0.056594
3.681599	-0.629274	-905.685090	
COMB SETTLE-----MAX			
REL DIST	P	M2	V2
0.00000	2.191906	71.895131	0.127597
3.681599	0.431134	1266.014	
0.25000	2.191906	71.895131	0.127597
3.681599	0.419551	1175.931	
0.50000	2.191906	71.895131	0.127597
3.681599	0.487453	1085.849	
0.75000	2.191906	71.895131	0.127597
3.681599	0.558363	995.767225	
1.00000	2.191906	71.895131	0.127597
3.681599	0.629274	905.685090	
COMB SETTLE-----MIN			
REL DIST	P	M2	V2
0.00000	-2.191906	-71.895131	-0.077402
-6.258469	-0.575833	-1266.014	
0.25000	-2.191906	-71.895131	-0.077402
-6.258469	-0.514682	-1175.931	
-6.258469	-0.718951	-71.895131	-0.077402
-6.258469	-0.487453	-1085.849	
0.75000	-2.191906	-71.895131	-0.077402
-6.258469	-0.558363	-995.767225	
1.00000	-2.191906	-71.895131	-0.077402
-6.258469	-0.629274	-905.685090	
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< UNEQUAL SETTLEMENT 178 >			
FRAME ELEMENT INTERNAL FORCES			
ELEM 77 LENGTH = 5.012461			
LOAD -A1-----			
REL DIST	P	M2	V2
0.00000	0.081267	7.64515	0.009201
-0.400446	0.104111	128.472126	
0.25000	0.081267	7.64515	0.009201
-0.400446	0.398882	120.501640	
0.50000	0.081267	7.64515	0.009201
-0.400446	0.387522	77.895131	
0.75000	0.081267	7.64515	0.009201
-0.400446	0.375823	108.560600	
1.00000	0.081267	7.64515	0.009201
-0.400446	0.364294	102.590181	
LOAD -P1-----			
REL DIST	P	M2	V2
0.00000	-0.293704	-22.627577	-0.025800
1.609324	0.465193	-597.654082	
0.25000	-0.293704	-22.627577	-0.025800
1.609324	-0.432863	-589.299119	
0.50000	-0.293704	-22.627577	-0.025800
1.609324	0.400533	-540.944155	
0.75000	-0.293704	-22.627577	-0.025800
1.609324	-0.368203	-512.589192	
1.00000	-0.293704	-22.627577	-0.025800
1.609324	-0.355873	-484.234229	
LOAD -P2-----			
REL DIST	P	M2	V2
0.00000	1.762624	45.184093	-0.123232

[illegible]

0.50000 -0.071347 -22.394941 0.015985
3.688602 -0.396116 130.296380
0.75000 -0.071347 -22.394941 0.015985
-3.688602 -0.416147 158.360996
1.00000 -0.071347 -22.394941 0.015985
-3.688602 -0.436179 186.425612
LOAD -P2-----
REL DIST P M2 V2 V3
0.00000 0.293783 46.278427 -0.168184
-0.791314 0.809425 -535.628145
0.25000 0.293783 46.278427 -0.168184
-0.791314 1.44112 -709.612033
0.50000 0.293783 46.278427 -0.168184
-0.791314 2.123950 -651.617404
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 189 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 V2 V3
0.75000 0.293783 46.278427 -0.168184
-0.791314 1.44112 -709.612033
1.00000 0.293783 46.278427 -0.168184
-0.791314 1.652474 -767.606663
LOAD -P3-----
REL DIST P M2 V2 V3
0.00000 1.730501 -47.454336 0.098836
4.833497 -0.358530 1027.178
0.25000 1.730501 -47.454336 0.098836
4.833497 -0.483497 -22.690589
0.50000 1.730501 -47.454336 0.098836
4.833497 -0.606245 1146.114
0.75000 1.730501 -47.454336 0.098836
4.833497 1.205103 -1552.852
1.00000 1.730501 -47.454336 0.098836
4.833497 -0.853960 1265.051
LOAD -P4-----
REL DIST P M2 V2 V3
0.00000 0.183125 22.690589 0.066220
-2.408857 -0.750711 -669.577373
0.25000 0.183125 22.690589 0.066220
-2.408857 -0.833695 -698.012487
0.50000 0.183125 22.690589 0.066220
-2.408857 -0.916679 -726.447600
0.75000 0.183125 22.690589 0.066220
-2.408857 -0.999664 -754.882713
1.00000 0.183125 22.690589 0.066220
-2.408857 -1.082648 -783.317827
LOAD -P5-----
REL DIST P M2 V2 V3
0.00000 -2.167125 -3.859289 -0.023104
1.223942 0.580285 119.546742
0.25000 -2.167125 -3.859289 -0.023104
1.223942 0.609218 124.383079
0.50000 -2.167125 -3.859289 -0.023104
1.223942 0.638171 129.638171
0.75000 -2.167125 -3.859289 -0.023104
1.223942 0.667125 134.055752
1.00000 -2.167125 -3.859289 -0.023104
1.223942 0.696078 138.892089
LOAD -2N+1-----
REL DIST P M2 V2 V3
0.00000 0.507971 73.708566 -0.091716
-2.368836 -0.507971 -73.708566 -0.091716
0.25000 0.507971 73.708566 -0.091716
-2.368836 0.249253 -1313.261
0.50000 0.507971 73.708566 -0.091716
-2.368836 0.364189 -1405.630
0.75000 0.507971 73.708566 -0.091716
-2.368836 0.479125 -1497.999
1.00000 0.507971 73.708566 -0.091716
-2.368836 0.594061 -1590.368
LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -0.507971 -73.708566 0.091716
2.368836 -0.134317 -1220.892
0.25000 -0.507971 -73.708566 0.091716
2.368836 -0.249253 -1313.261
0.50000 -0.507971 -73.708566 0.091716
2.368836 -0.364189 -1405.630
0.75000 -0.507971 -73.708566 0.091716
2.368836 -0.479125 -1497.999
1.00000 -0.507971 -73.708566 0.091716
2.368836 -0.594061 -1590.368
COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 1.730501 73.708566 0.098836
4.833497 0.809425 1220.892
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< UNEQUAL Page SETTLEMENT 190 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 V2 V3
0.25000 1.730501 73.708566 0.098836
4.833497 1.020187 1313.261
0.50000 1.730501 73.708566 0.098836
4.833497 1.230950 1405.630
0.75000 1.730501 73.708566 0.098836
4.833497 1.44112 1497.999
1.00000 1.730501 73.708566 0.098836
4.833497 1.652474 1590.368
COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.167125 -73.708566 -0.168184
3.688602 -0.750711 -1220.892
0.25000 -2.167125 -73.708566 -0.168184
3.688602 -0.833695 -1220.892
0.50000 -2.167125 -73.708566 -0.168184
3.688602 -0.916679 -1405.630
0.75000 -2.167125 -73.708566 -0.168184
3.688602 -0.999664 -1497.999
1.00000 -2.167125 -73.708566 -0.168184
3.688602 -1.082648 -1590.368
ELEM = 3.508759 ===== LENGTH
LOAD -A1-----
REL DIST P M2 V2 V3
0.00000 0.018876 4.765810 0.016289
-0.009586 -0.009586 -39.445240
0.25000 0.018876 4.765810 0.016289
0.745886 -0.023942 -43.625760
0.50000 0.018876 4.765810 0.016289
0.745886 -0.023942 -43.625760
0.75000 0.018876 4.765810 0.016289
0.745886 -0.023942 -43.625760
1.00000 0.018876 4.765810 0.016289
0.745886 -0.066080 -56.167321

LOAD -P1-----
REL DIST P M2 V2 V3
0.00000 -0.015724 -22.541503 0.003923
-3.70027 -0.282375 186.431919
0.25000 -0.015724 -22.541503 0.003923
-3.70027 -0.285816 206.205097
0.50000 -0.015724 -22.541503 0.003923
-3.70027 -0.289258 226.79875
0.75000 -0.015724 -22.541503 0.003923
-3.70027 -0.292699 245.751454
1.00000 -0.015724 -22.541503 0.003923
-3.70027 -0.296140 265.524632
LOAD -P2-----
REL DIST P M2 V2 V3
0.00000 0.092937 47.595260 -0.242218
0.636466 0.099342 -767.606663
0.25000 0.092937 47.595260 -0.242218
0.636466 1.311813 -809.321579
0.50000 0.092937 47.595260 -0.242218
0.636466 1.524285 -851.71659
0.75000 0.092937 47.595260 -0.242218
0.636466 1.736756 -892.821739
1.00000 0.092937 47.595260 -0.242218
0.636466 1.949228 -934.571820
LOAD -P3-----
REL DIST P M2 V2 V3
0.00000 1.784850 -49.848769 0.282638
1.619791 -0.706241 1265.024
0.25000 1.784850 -49.848769 0.282638
1.619791 -0.954168 1308.751
0.50000 1.784850 -49.848769 0.282638
1.619791 -1.202095 1352.478
0.75000 1.784850 -49.848769 0.282638
1.619791 -1.450022 1396.205
1.00000 1.784850 -49.848769 0.282638
1.619791 1.697949 1439.932
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 191 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -P4-----
REL DIST P M2 V2 V3
0.00000 0.316102 23.960045 -0.041136
-1.223826 -0.714573 -783.330235
0.25000 0.316102 23.960045 -0.041136
-1.223826 -0.678490 -804.347744
0.50000 0.316102 23.960045 -0.041136
-1.223826 -0.642406 -825.365253
0.75000 0.316102 23.960045 -0.041136
-1.223826 -0.606322 -846.382762
1.00000 0.316102 23.960045 -0.041136
-1.223826 -0.570238 -867.400271
LOAD -P5-----
REL DIST P M2 V2 V3
0.00000 -2.197041 -3.930843 -0.019496
1.591711 0.613502 138.890692
0.25000 -2.197041 -3.930843 -0.019496
1.591711 0.639084 142.68788
0.50000 -2.197041 -3.930843 -0.019496
1.591711 0.647705 145.788884
0.75000 -2.197041 -3.930843 -0.019496
1.591711 0.664806 149.239479
1.00000 -2.197041 -3.930843 -0.019496
1.591711 0.681908 152.683075
LOAD -2N+1-----
REL DIST P M2 V2 V3
0.00000 0.427915 76.321116 -0.267065
0.158525 0.375114 -1590.347
0.25000 0.427915 76.321116 -0.267065
0.158525 0.598381 -1657.295
0.50000 0.427915 76.321116 -0.267065
0.158525 0.843648 -1724.243
0.75000 0.427915 76.321116 -0.267065
0.158525 1.077915 -1791.191
1.00000 0.427915 76.321116 -0.267065
0.158525 -1.312181 -1858.139
LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -0.427915 -76.321116 0.267065
-0.158525 -0.375114 -1590.347
0.25000 -0.427915 -76.321116 0.267065
-0.158525 -0.609381 -1657.295
0.50000 -0.427915 -76.321116 0.267065
-0.158525 -0.843648 -1724.243
0.75000 -0.427915 -76.321116 0.267065
-0.158525 -1.077915 -1791.191
1.00000 -0.427915 -76.321116 0.267065
-0.158525 -1.312181 -1858.139
COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 1.784850 76.321116 0.282638
1.619791 1.093242 1594.447
0.25000 1.784850 76.321116 0.282638
1.619791 1.311813 1657.295
0.50000 1.784850 76.321116 0.282638
1.619791 1.524285 1724.243
0.75000 1.784850 76.321116 0.282638
1.619791 1.736756 1791.191
1.00000 1.784850 76.321116 0.282638
1.619791 1.949228 1858.139
COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.197041 -76.321116 -0.267065
-3.70027 -0.714573 -783.330235
0.25000 -2.197041 -76.321116 -0.267065
-3.70027 -0.678490 -804.347744
0.50000 -2.197041 -76.321116 -0.267065
-3.70027 -0.642406 -825.365253
0.75000 -2.197041 -76.321116 -0.267065
-3.70027 -0.606322 -846.382762
1.00000 -2.197041 -76.321116 -0.267065
-3.70027 -0.570238 -867.400271
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L F R A M E E L E M E N T I N T E R N A L F O R C E S
ELEM = 5.030040 ===== LENGTH
LOAD -A1-----
REL DIST P M2 V2 V3
0.00000 0.007060 -1.404313 -0.004356
0.688410 0.097353 -56.168479
0.25000 0.007060 -1.404313 -0.004356
0.688410 -0.093533 -54.936895
0.50000 0.007060 -1.404313 -0.004356
0.688410 -0.089713 -53.705310
0.75000 0.007060 -1.404313 -0.004356

0.688410 -0.085892 -52.473726 -0.004356
1.00000 0.007060 -1.404313 -0.004356
0.688410 -0.082072 -51.242142
LOAD -P1-----
REL DIST P M2 V2 V3
0.00000 0.034006 6.681481 -0.016247
-2.949070 -0.158926 265.525667
0.25000 0.034006 6.681481 -0.016247
-2.949070 -0.144677 259.665998
0.50000 0.034006 6.681481 -0.016247
-2.949070 -0.130428 253.806329
0.75000 0.034006 6.681481 -0.016247
-2.949070 -0.116179 247.946660
1.00000 0.034006 6.681481 -0.016247
-2.949070 -0.101931 242.086991
LOAD -P2-----
REL DIST P M2 V2 V3
0.00000 -0.072227 -25.332971 0.152736
2.187839 1.461188 -934.530134
0.25000 -0.072227 -25.332971 0.152736
2.187839 1.312739 -912.313081
0.50000 -0.072227 -25.332971 0.152736
2.187839 1.193289 -890.096028
0.75000 -0.072227 -25.332971 0.152736
2.187839 1.055340 -867.878975
1.00000 -0.072227 -25.332971 0.152736
2.187839 0.925391 -845.661922
LOAD -P3-----
REL DIST P M2 V2 V3
0.00000 1.766609 48.726908 -0.335087
-2.254588 -1.685768 1439.904
0.25000 1.766609 48.726908 -0.335087
-2.254588 -1.919697 1501.917
0.50000 1.766609 48.726908 -0.335087
-2.254588 -1.098025 1354.437
0.75000 1.766609 48.726908 -0.335087
-2.254588 0.498859 41.584863
1.00000 1.766609 48.726908 -0.335087
-2.254588 -0.510282 1268.970
LOAD -P4-----
REL DIST P M2 V2 V3
0.00000 0.498859 -41.584863 0.217076
0.605732 -0.098841 -867.415649
0.25000 0.498859 -41.584863 0.217076
0.605732 0.289216 -830.945663
0.50000 0.498859 -41.584863 0.217076
0.605732 -0.479592 -794.475678
0.75000 0.498859 -41.584863 0.217076
0.605732 -0.669698 -758.005692
1.00000 0.498859 -41.584863 0.217076
0.605732 -0.860343 -721.535706
LOAD -P5-----
REL DIST P M2 V2 V3
0.00000 -2.234306 12.913757 -0.014121
1.741679 0.579700 152.684245
0.25000 -2.234306 12.913757 -0.014121
1.741679 0.592084 158.88860
0.50000 -2.234306 12.913757 -0.014121
1.741679 0.604481 160.03476
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< UNEQUAL Page SETTLEMENT 193 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 V2 V3
0.75000 -2.234306 12.913757 -0.014121
1.741679 0.616852 118.708092
1.00000 -2.234306 12.913757 -0.014121
1.741679 0.629237 107.382708
LOAD -2N+1-----
REL DIST P M2 V2 V3
0.00000 -2.234306 12.913757 -0.014121
1.741679 0.616852 118.708092
1.00000 -2.234306 12.913757 -0.014121
1.741679 0.629237 107.382708
LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -0.433691 68.322147 -0.365455
-3.461980 -0.264994 1858.114
0.25000 -0.433691 68.322147 -0.365455
-3.461980 -0.944490 1798.196
0.50000 -0.433691 68.322147 -0.365455
-3.461980 0.623985 1738.277
0.75000 -0.433691 68.322147 -0.365455
-3.461980 0.633985 1738.277
1.00000 -0.433691 68.322147 -0.365455
-3.461980 0.303480 -1678.358
1.00000 0.433691 -68.322147 -0.365455
-3.461980 -0.017024 -1618.440
LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -0.433691 68.322147 -0.365455
-3.461980 -0.264994 1858.114
0.25000 -0.433691 68.322147 -0.365455
-3.461980 -0.944490 1798.196
0.50000 -0.433691 68.322147 -0.365455
-3.461980 0.623985 1738.277
0.75000 -0.433691 68.322147 -0.365455
-3.461980 0.633985 1738.277
1.00000 -0.433691 68.322147 -0.365455
-3.461980 0.303480 -1678.358
1.00000 0.433691 -68.322147 -0.365455
-3.461980 -0.017024 -1618.440
COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 1.766609 68.322147 0.365455
3.461980 1.461188 1858.114
0.25000 1.766609 68.322147 0.365455
3.461980 1.327239 1798.196
0.50000 1.766609 68.322147 0.365455
3.461980 1.193289 1738.277
0.75000 1.766609 68.322147 0.365455
3.461980 1.059400 1678.358
1.00000 1.766609 68.322147 0.365455
3.461980 0.925391 1618.440
COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.433691 68.322147 -0.365455
-3.461980 -0.264994 -1858.114
0.25000 -0.433691 68.322147 -0.365455
-3.461980 -0.944490 -1798.196
0.50000 -0.433691 68.322147 -0.365455
-3.461980 0.623985 1738.277
0.75000 -0.433691 68.322147 -0.365455
-3.461980 0.633985 1738.277
1.00000 -0.433691 68.322147 -0.365455
-3.461980 0.303480 -1678.358
1.00000 -0.433691 68.322147 -0.365455
-3.461980 -0.017024 -1618.440

< UNEQUAL Page SETTLEMENT 194 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -0.482119 65.739231 -0.182661
-5.545368 -0.113064 1618.471
0.25000 -0.482119 65.739231 -0.182661
-5.545368 0.115968 1536.083
0.50000 -0.482119 65.739231 -0.182661
-5.545368 0.344780 1453.694
0.75000 -0.482119 65.739231 -0.182661
-5.545368 0.573701 1371.306
1.00000 -0.482119 65.739231 -0.182661
-5.545368 0.802623 1288.918
COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 1.720357 65.739231 0.182661
5.545368 0.549408 1618.471
0.25000 1.720357 65.739231 0.182661
5.545368 0.547485 1536.083
0.50000 1.720357 65.739231 0.182661
5.545368 0.576880 1453.694
0.75000 1.720357 65.739231 0.182661
5.545368 0.606275 1371.306
1.00000 1.720357 65.739231 0.182661
5.545368 0.802623 1288.918
COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.274567 -65.739231 -0.182661
-5.545368 -0.634843 -1618.471
0.25000 -2.274567 -65.739231 -0.182661
-5.545368 -0.528599 -1536.083
0.50000 -2.274567 -65.739231 -0.182661
-5.545368 -0.344780 -1453.694
0.75000 -2.274567 -65.739231 -0.182661
-5.545368 -0.113064 -1371.306
1.00000 -2.274567 -65.739231 -0.182661
-5.545368 -0.123302 -1288.918

< UNEQUAL Page SETTLEMENT 195 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -0.482119 65.739231 -0.182661
-5.545368 -0.113064 1618.471
0.25000 -0.482119 65.739231 -0.182661
-5.545368 0

0.305592 -0.106552 -39.097885 -0.000689
1.00000 -0.007070 -1.373945
0.305592 -0.105689 -37.371395

LOAD -P1-----

REL DIST T M2 M3 V3
0.00000 0.095224 6.516761 -0.009961
-1.391448 0.115313 209.069152
0.25000 0.05000 6.516761 -0.009961
-1.391448 0.127794 200.904004
0.50000 0.095224 6.516761 -0.009961
-1.391448 0.140274 192.738556
0.75000 0.067224 184.573708 -0.009961
-1.391448 0.152754 184.573708 -0.009961
1.00000 0.095224 6.516761 -0.009961
-1.391448 0.165234 176.408560

LOAD -P2-----

REL DIST T M2 M3 V3
0.00000 -0.290726 -23.108543 0.000565
2.997776 0.180454 -725.116792
0.25000 -0.290726 -23.108543 0.000565
2.997776 -0.180454 -725.116792
0.50000 -0.290726 -23.108543 0.000565
2.997776 0.179037 -667.209200
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.75000 -0.290726 -23.108543 0.000565
2.997776 0.179328 -638.255539
1.00000 -0.290726 -23.108543 0.000565
2.997776 0.177620 -609.301788

LOAD -P3-----

REL DIST T M2 M3 V3
0.00000 1.613609 44.608520 -0.106572
-6.648037 -0.181717 1036.754
0.25000 1.613609 44.608520 -0.106572
-6.648037 -0.181717 1036.754
0.50000 1.613609 44.608520 -0.106572
-6.648037 -0.181717 1036.754
0.75000 1.613609 44.608520 -0.106572
-6.648037 -0.181717 1036.754
1.00000 1.613609 44.608520 -0.106572
-6.648037 -0.181717 1036.754

LOAD -P4-----

REL DIST T M2 M3 V3
0.00000 0.905684 -39.384995 0.145940
2.885083 -0.522310 -519.573414
0.25000 0.905684 -39.384995 0.145940
2.885083 -0.705164 -470.226183
0.50000 0.905684 -39.384995 0.145940
2.885083 -0.888019 -420.878912
0.75000 0.905684 -39.384995 0.145940
2.885083 -1.070873 -371.531861
1.00000 0.905684 -39.384995 0.145940
2.885083 -1.253728 -322.184411

LOAD -P5-----

REL DIST T M2 M3 V3
0.00000 -2.316721 12.746192 -0.029284
1.851035 0.517399 43.144641
0.25000 -2.316721 12.746192 -0.029284
1.851035 0.554091 27.174353
0.50000 -2.316721 12.746192 -0.029284
1.851035 0.590782 11.204066
0.75000 -2.316721 12.746192 -0.029284
1.851035 0.627473 -4.766221
1.00000 -2.316721 12.746192 -0.029284
1.851035 0.664164 -20.736509

LOAD -2N+1-----

REL DIST T M2 M3 V3
0.00000 0.607887 -63.871473 0.145817
6.188451 0.129896 1288.968
0.25000 0.607887 -63.871473 0.145817
6.188451 -0.633696 -1208.940
0.50000 0.607887 -63.871473 0.145817
6.188451 -1.128913 1128.913
0.75000 0.607887 -63.871473 0.145817
6.188451 -0.999097 -1048.885
1.00000 0.607887 -63.871473 0.145817
6.188451 -1.181797 -968.857593

LOAD -2N+2-----

REL DIST T M2 M3 V3
0.00000 -0.607887 63.871473 -0.145817
6.188451 0.450996 1288.968
0.25000 -0.607887 63.871473 -0.145817
6.188451 0.633696 1208.940
0.50000 -0.607887 63.871473 -0.145817
6.188451 0.816396 1128.913
0.75000 -0.607887 63.871473 -0.145817
6.188451 0.999097 1048.885
1.00000 -0.607887 63.871473 -0.145817
6.188451 1.181797 968.857593

COMB SETTLE ----- MAX

REL DIST T M2 M3 V3
0.00000 1.613609 63.871473 0.145940
6.188451 0.517399 1288.968
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.25000 1.613609 63.871473 0.145940
6.188451 0.633696 1208.940
0.50000 1.613609 63.871473 0.145940
6.188451 0.816396 1128.913
0.75000 1.613609 63.871473 0.145940
6.188451 0.999097 1048.885
1.00000 1.613609 63.871473 0.145940
6.188451 1.181797 968.857593

COMB SETTLE ----- MIN

REL DIST T M2 M3 V3
0.00000 -2.316721 -63.871473 -0.145817
-6.648037 -0.522310 -1288.968
0.25000 -2.316721 -63.871473 -0.145817
-6.648037 -0.705164 -1208.940
0.50000 -2.316721 -63.871473 -0.145817
-6.648037 -0.888019 -1128.913
0.75000 -2.316721 -63.871473 -0.145817
-6.648037 -1.070873 -1048.885
1.00000 -2.316721 -63.871473 -0.145817
-6.648037 -1.253728 -968.857593

ELEM 88 ===== LENGTH
= 5.012717

LOAD -A1-----

REL DIST T M2 M3 V3
0.00000 -0.010133 -37.372000 -4.06E-05
0.25000 -0.010133 -37.372000 -4.06E-05
0.50000 -0.010133 -37.372000 -4.06E-05
0.75000 -0.010133 -37.372000 -4.06E-05
1.00000 -0.010133 -37.372000 -4.06E-05

LOAD -P1-----

REL DIST T M2 M3 V3
0.00000 0.106759 6.487534 -0.011600
0.581067 0.197721 176.411723 -0.011600
0.25000 0.106759 6.487534 -0.011600
0.581067 0.212257 188.281681 -0.011600
0.50000 0.106759 6.487534 -0.011600
0.75000 0.106759 6.487534 -0.011600
1.00000 0.106759 6.487534 -0.011600
0.581067 0.228794 180.151638 -0.011600
0.581067 0.255867 143.891553

LOAD -P2-----

REL DIST T M2 M3 V3
0.00000 -0.333452 -22.617785 0.022159
1.694517 0.057633 -609.306841
0.25000 -0.333452 -22.617785 0.022159
1.694517 0.029864 -580.962578
0.50000 -0.333452 -22.617785 0.022159
1.694517 0.002095 -562.18486
0.75000 -0.333452 -22.617785 0.022159
1.694517 -0.025674 -524.274354
1.00000 -0.333452 -22.617785 0.022159
1.694517 -0.053443 -495.930242

LOAD -P3-----

REL DIST T M2 M3 V3
0.00000 1.450095 43.680300 -0.151431
0.934795 -0.105239 813.245490 -0.151431
0.25000 1.450095 43.680300 -0.151431
0.934795 0.084531 758.506245 -0.151431
0.50000 1.450095 43.680300 -0.151431
0.934795 0.274300 703.767001 -0.151431
0.75000 1.450095 43.680300 -0.151431
1.00000 1.450095 43.680300 -0.151431
0.934795 0.653840 594.288513
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FRAME ELEMENT INTERNAL FORCES

LOAD -P4-----

REL DIST T M2 M3 V3
0.00000 1.146890 -38.884404 0.175212
3.081722 -0.578366 -322.240320
0.25000 1.146890 -38.884404 0.175212
3.081722 -0.797399 -273.511193
0.50000 1.146890 -38.884404 0.175212
3.081722 -1.017511 -224.720666
0.75000 1.146890 -38.884404 0.175212
3.081722 -1.237084 -176.052940
1.00000 1.146890 -38.884404 0.175212
3.081722 -1.456656 -127.323813

LOAD -P5-----

REL DIST T M2 M3 V3
0.00000 -2.360158 12.707839 -0.034300
1.612921 0.542527 -20.738202
0.25000 -2.360158 12.707839 -0.034300
1.612921 0.585511 -36.863402
0.50000 -2.360158 12.707839 -0.034300
1.612921 0.628495 -52.588602
0.75000 -2.360158 12.707839 -0.034300
1.612921 0.671480 -68.513802
1.00000 -2.360158 12.707839 -0.034300
1.612921 0.714464 -84.439002

LOAD -2N+1-----

REL DIST T M2 M3 V3
0.00000 0.803304 -62.875674 0.197331
4.902940 -0.635009 -968.919011
0.25000 0.803304 -62.875674 0.197331
4.902940 -0.882299 -890.124524
0.50000 0.803304 -62.875674 0.197331
4.902940 -1.129590 -811.330038
0.75000 0.803304 -62.875674 0.197331
4.902940 -1.376880 732.535551
1.00000 0.803304 -62.875674 0.197331
4.902940 -1.624171 653.741064

LOAD -2N+2-----

REL DIST T M2 M3 V3
0.00000 -0.803304 62.875674 -0.197331
-4.902940 0.635009 968.919011 -0.197331
0.25000 -0.803304 62.875674 -0.197331
-4.902940 0.882299 890.124524 -0.197331
0.50000 -0.803304 62.875674 -0.197331
-4.902940 1.129590 811.330038 -0.197331
0.75000 -0.803304 62.875674 -0.197331
-4.902940 1.376880 732.535551 -0.197331
1.00000 -0.803304 62.875674 -0.197331
-4.902940 1.624171 653.741064

COMB SETTLE ----- MAX

REL DIST T M2 M3 V3
0.00000 1.450095 62.875674 0.197331
4.902940 0.635009 968.919011
0.25000 1.450095 62.875674 0.197331
4.902940 0.882299 890.124524
0.50000 1.450095 62.875674 0.197331
4.902940 1.129590 811.330038
0.75000 1.450095 62.875674 0.197331
4.902940 1.376880 732.535551
1.00000 1.450095 62.875674 0.197331
4.902940 1.624171 653.741064

COMB SETTLE ----- MIN

REL DIST T M2 M3 V3
0.00000 -2.360158 -62.875674 -0.197331
-4.902940 -0.635009 -968.919011 -0.197331
0.25000 -2.360158 -62.875674 -0.197331
-4.902940 -0.882299 -890.124524 -0.197331
0.50000 -2.360158 -62.875674 -0.197331
-4.902940 -1.129590 -811.330038 -0.197331
0.75000 -2.360158 -62.875674 -0.197331
-4.902940 -1.376880 -732.535551 -0.197331
1.00000 -2.360158 -62.875674 -0.197331
-4.902940 -1.624171 -653.741064

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FRAME ELEMENT INTERNAL FORCES

ELEM 89 ===== LENGTH
= 5.012743

ELEM 89 ===== LENGTH
= 5.012743

LOAD -A1-----

REL DIST T M2 M3 V3
0.00000 -0.010997 -1.367959 0.000179
-0.126324 -0.114540 -23.625011
0.25000 -0.010997 -1.367959 0.000179
-0.126324 -0.114764 -21.911012
0.50000 -0.010997 -1.367959 0.000179
-0.126324 -0.114989 -20.197013
0.75000 -0.010997 -1.367959 0.000179
-0.126324 -0.115213 -18.483013
1.00000 -0.010997 -1.367959 0.000179
-0.126324 -0.115437 -16.769014
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

LOAD -P1-----

REL DIST T M2 M3 V3
0.00000 0.107767 6.462194 -0.013484
0.066881 0.258819 143.892674 -0.013484
0.25000 0.107767 6.462194 -0.013484
0.066881 0.275176 135.794345 -0.013484
0.50000 0.107767 6.462194 -0.013484
0.066881 0.116927 127.696016 -0.013484
0.75000 0.107767 6.462194 -0.013484
1.00000 0.107767 6.462194 -0.013484
0.066881 0.326410 111.499358

LOAD -P2-----

REL DIST T M2 M3 V3
0.00000 -0.339348 -22.344850 0.054673
0.189836 -0.070397 -495.934114
0.25000 -0.339348 -22.344850 0.054673
0.189836 0.138913 -467.931869
0.50000 -0.339348 -22.344850 0.054673
0.189836 -0.207429 -439.929624
0.75000 -0.339348 -22.344850 0.054673
0.189836 0.275444 -411.927380
1.00000 -0.339348 -22.344850 0.054673
0.189836 -0.344460 -383.925135

LOAD -P3-----

REL DIST T M2 M3 V3
0.00000 1.240479 43.191844 -0.209602
-4.737472 0.067213 594.350676
0.25000 1.240479 43.191844 -0.209602
-4.737472 0.329893 540.223110
0.50000 1.240479 43.191844 -0.209602
-4.737472 0.592553 486.095879
0.75000 1.240479 43.191844 -0.209602
-4.737472 0.854736 431.981844
1.00000 1.240479 43.191844 -0.209602
-4.737472 1.117893 377.841082

LOAD -P4-----

REL DIST T M2 M3 V3
0.00000 1.402447 -38.637310 0.203486
3.339823 -0.741067 -127.382929
0.25000 1.402447 -38.637310 0.203486
3.339823 0.996074 78.963207
0.50000 1.402447 -38.637310 0.203486
3.339823 -1.251080 -30.543485
0.75000 1.402447 -38.637310 0.203486
3.339823 1.506086 17.876237
1.00000 1.402447 -38.637310 0.203486
3.339823 -1.761092 66.295959

LOAD -P5-----

REL DIST T M2 M3 V3
0.00000 -2.400348 12.697027 -0.035249
1.154953 0.601923 -84.439158
0.25000 -2.400348 12.697027 -0.035249
1.154953 0.646095 -100.350890
0.50000 -2.400348 12.697027 -0.035249
1.154953 0.690268 -116.262621
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.75000 -2.400348 12.697027 -0.035249
1.154953 0.734441 -132.174353
1.00000 -2.400348 12.697027 -0.035249
1.154953 0.778614 -148.080805

LOAD -2N+1-----

REL DIST T M2 M3 V3
0.00000 1.052102 62.351065 0.258334
-3.515639 1.052102 62.351065
0.25000 1.052102 62.351065 0.258334
-3.515639 1.251695 575.666732
0.50000 1.052102 62.351065 0.258334
-3.515639 1.457436 497.529273
0.75000 1.052102 62.351065 0.258334
-3.515639 1.699176 419.391814
1.00000 1.052102 62.351065 0.258334
-3.515639 2.222917 341.254355

LOAD -2N+2-----

REL DIST T M2 M3 V3
0.00000 -1.052102 62.351065 -0.258334
-3.515639 0.927955 653.804191
0.25000 -1.052102 62.351065 -0.258334
-3.515639 1.251695 575.666732
0.50000 -1.052102 62.351065 -0.258334
-3.515639 1.574366 497.529273
0.75000 -1.052102 62.351065 -0.258334
-3.515639 1.899176 419.391814
1.00000 -1.052102 62.351065 -0.258334
-3.515639 2.222917 377.841082

COMB SETTLE ----- MAX

REL DIST T M2 M3 V3
0.00000 1.402447 62.351065 0.258334
3.515639 0.927955 653.804191
0.25000 1.402447 62.351065 0.258334
3.515639 1.251695 575.666732
0.50000 1.402447 62.351065 0.258334
3.515639 1.574366 497.529273
0.75000 1.402447 62.351065 0.258334
3.515639 1.899176 419.391814
1.00000 1.402447 62.351065 0.258334
3.515639 2.222917 377.841082

COMB SETTLE ----- MIN

REL DIST T M2 M3 V3
0.00000 -2.400348 -62.351065 -0.258334
-4.737472 -0.927955 -653.804191
0.25000 -2.400348 -62.351065 -0.258334
-4.737472 0.927955 653.804191
0.50000 -2.400348 -62.351065 -0.258334
-4.737472 1.574366 497.529273
0.75000 -2.400348 -62.351065 -0.258334
-4.737472 1.899176 419.391814
1.00000 -2.400348 -62.351065 -0.258334
-4.737472 2.222917 -383.925135

ELEM 90 ===== LENGTH
= 5.011846

LOAD -A1-----

REL DIST T M2 M3 V3
0.00000 -0.009995 -1.367959 0.000179
-0.126324 -0.114540 -23.625011
0.25000 -0.009995 -1.367959 0.000179
-0.126324 -0.114764 -21.911012
0.50000 -0.009995 -1.367959 0.000179
-0.126324 -0.114989 -20.197013
0.75000 -0.009995 -1.367959 0.000179
-0.126324 -0.115213 -18.483013
1.00000 -0.009995 -1.367959 0.000179
-0.126324 -0.115437 -16.769014
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FRAME ELEMENT INTERNAL FORCES

LOAD -P1-----

REL DIST T M2 M3 V3
0.00000 0.099851 6.456457 -0.014565
0.590306 0.304272 111.499109
0.25000 0.099851 6.456457 -0.014565
0.590306 0.325211 107.390118
0.50000 0.099851 6.456457 -0.014565
0.590306 0.340771 95.319726
0.75000 0.099851 6.456457 -0.014565
0.590306 0.359020 87.230053
1.00000 0.099851 6.456457 -0.014565
0.590306 0.372720 79.140343

LOAD -P2-----

REL DIST T M2 M3 V3
0.00000 -0.313977 -22.253082 0.076893
1.316679 -0.273799 -383.926741
0.25000 -0.313977 -22.253082 0.076893
1.316679 0.370143 -356.044486
0.50000 -0.313977 -22.253082 0.076893
1.316679 -0.466487 -328.162230
0.75000 -0.313977 -22.253082 0.076893
1.316679 -0.562931 -300.279975
1.00000 -0.313977 -22.253082 0.076893
1.316679 -0.659175 -272.397720

LOAD -P3-----

REL DIST T M2 M3 V3
0.00000 0.996979 43.043457 -0.246955
3.477288 0.436343 377.970003
0.25000 0.996979 43.043457 -0.246955
3.477288 0.745769 32

LOAD -A1-----
REL DIST P M2 V2 V3
0.00000 -0.007609 -1.367613 -1.12E-05
0.213705 -0.108719 -16.768534 -1.12E-05
0.25000 -0.007609 -1.367613 -1.12E-05
-0.213705 -0.108705 -15.054856 -1.12E-05
0.50000 -0.007609 -1.367613 -1.12E-05
-0.213705 -0.108691 -15.042179 -1.12E-05
0.75000 -0.007609 -1.367613 -1.12E-05
-0.213705 -0.108677 -11.627501 -1.12E-05
1.00000 -0.007609 -1.367613 -1.12E-05
-0.213705 -0.108663 -9.913823 -1.12E-05
LOAD -P1-----
REL DIST P M2 V2 V3
0.00000 0.085281 6.454569 -0.014073
1.0000754 0.366474 7.193858 -0.014073
0.25000 0.085281 6.454569 -0.014073
1.000754 0.354108 71.050808 -0.014073
0.50000 0.085281 6.454569 -0.014073
1.000754 0.371743 62.952358 -0.014073
0.75000 0.085281 6.454569 -0.014073
1.000754 0.389377 54.875109 -0.014073
1.00000 0.085281 6.454569 -0.014073
1.000754 0.407011 46.787259 -0.014073
LOAD -P2-----
REL DIST P M2 V2 V3
0.00000 -0.265255 -22.228997 0.083183
-2.645660 -0.523234 -272.395588 0.083183
0.25000 -0.265255 -22.228997 0.083183
-2.645660 -0.627466 -244.541710 0.083183
0.50000 -0.265255 -22.228997 0.083183
-2.645660 -0.731698 -216.687832 0.083183
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 V2 V3
0.75000 -0.265255 -22.228997 0.083183
-2.645660 -0.835929 -188.833953 0.083183
1.00000 -0.265255 -22.228997 0.083183
-2.645660 -0.940161 -160.980075 0.083183
LOAD -P3-----
REL DIST P M2 V2 V3
0.00000 0.734492 43.082490 -0.237378
-2.480173 0.939774 162.234123 -0.237378
0.25000 0.734492 43.082490 -0.237378
-2.480173 1.232718 108.249531 -0.237378
0.50000 0.734492 43.082490 -0.237378
-2.480173 1.534663 54.265739 -0.237378
0.75000 0.734492 43.082490 -0.237378
-2.480173 1.836937 34.612547 -0.237378
1.00000 0.734492 43.082490 -0.237378
-2.480173 2.129553 -53.702646 -0.237378
LOAD -P4-----
REL DIST P M2 V2 V3
0.00000 1.905288 -38.738033 0.175025
4.606214 -1.420373 259.607532 0.175025
0.25000 1.905288 -38.738033 0.175025
4.606214 -1.905288 308.147935 0.175025
0.50000 1.905288 -38.738033 0.175025
4.606214 -1.859000 356.688338 0.175025
0.75000 1.905288 -38.738033 0.175025
4.606214 -1.797519 425.228740 0.175025
1.00000 1.905288 -38.738033 0.175025
4.606214 -1.297627 453.769143 0.175025
LOAD -P5-----
REL DIST P M2 V2 V3
0.00000 -2.452196 -12.797584 -0.006746
-0.267429 0.776078 -211.816190 -0.006746
0.25000 -2.452196 -12.797584 -0.006746
-0.267429 0.784530 -227.852107 -0.006746
0.50000 -2.452196 -12.797584 -0.006746
-0.267429 0.792982 -243.888024 -0.006746
0.75000 -2.452196 -12.797584 -0.006746
-0.267429 0.801435 -259.923941 -0.006746
1.00000 -2.452196 -12.797584 -0.006746
-0.267429 0.809887 -275.959859 -0.006746
LOAD -2N+1-----
REL DIST P M2 V2 V3
0.00000 1.632423 -62.334643 0.258197
1.746849 -2.052325 -259.607532 0.258197
0.25000 1.632423 -62.334643 0.258197
1.746849 -2.375857 -48.551368 0.258197
0.50000 1.632423 -62.334643 0.258197
1.746849 -2.693988 -126.659327 0.258197
0.75000 1.632423 -62.334643 0.258197
1.746849 3.022920 204.767286 0.258197
1.00000 1.632423 -62.334643 0.258197
1.746849 -3.346451 282.875245 0.258197
LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -1.632423 62.334643 -0.258197
1.746849 -2.052325 -259.607532 -0.258197
0.25000 -1.632423 62.334643 -0.258197
1.746849 -2.375857 -48.551368 -0.258197
0.50000 -1.632423 62.334643 -0.258197
1.746849 -2.693988 -126.659327 -0.258197
0.75000 -1.632423 62.334643 -0.258197
1.746849 3.022920 -204.767286 -0.258197
1.00000 -1.632423 62.334643 -0.258197
1.746849 -3.346451 -282.875245 -0.258197
COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 1.905288 62.334643 0.258197
4.606214 2.052325 259.607532 0.258197
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 V2 V3
0.25000 1.905288 62.334643 0.258197
4.606214 2.375857 308.147935 0.258197
0.50000 1.905288 62.334643 0.258197
4.606214 2.693988 356.688338 0.258197
0.75000 1.905288 62.334643 0.258197
4.606214 3.022920 425.228740 0.258197
1.00000 1.905288 62.334643 0.258197
4.606214 3.346451 453.769143 0.258197
COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.452196 -62.334643 -0.258197
-2.645660 -2.052325 -272.395588 -0.258197
0.25000 -2.452196 -62.334643 -0.258197
-2.645660 -2.375857 -244.541710 -0.258197

0.50000 -2.452196 -62.334643 -0.258197
-2.645660 -2.693988 -243.888024 -0.258197
0.75000 -2.452196 -62.334643 -0.258197
-2.645660 -3.022920 -259.923941 -0.258197
1.00000 -2.452196 -62.334643 -0.258197
-2.645660 -3.346451 -282.875245 -0.258197
ELEM 92 ----- LENGTH
= 5.012571
LOAD -A1-----
REL DIST P M2 V2 V3
0.00000 -0.004329 -1.368080 -0.000358
-0.265912 -0.099430 -9.913180 -0.000358
0.25000 -0.004329 -1.368080 -0.000358
-0.265912 -0.099581 -8.198780 -0.000358
0.50000 -0.004329 -1.368080 -0.000358
-0.265912 -0.098532 -6.484380 -0.000358
0.75000 -0.004329 -1.368080 -0.000358
-0.265912 -0.098093 -4.769981 -0.000358
1.00000 -0.004329 -1.368080 -0.000358
-0.265912 -0.097634 -3.055581 -0.000358
LOAD -P1-----
REL DIST P M2 V2 V3
0.00000 0.066431 6.456933 -0.012483
1.247486 0.354166 46.787259 -0.012483
0.25000 0.066431 6.456933 -0.012483
1.247486 0.369809 38.693356 -0.012483
0.50000 0.066431 6.456933 -0.012483
1.247486 0.385452 30.601897 -0.012483
0.75000 0.066431 6.456933 -0.012483
1.247486 0.401094 22.510439 -0.012483
1.00000 0.066431 6.456933 -0.012483
1.247486 0.416737 14.418980 -0.012483
LOAD -P2-----
REL DIST P M2 V2 V3
0.00000 -0.201494 -22.243111 0.078858
-0.761934 0.354166 46.787259 0.078858
0.25000 -0.201494 -22.243111 0.078858
-0.761934 0.369809 38.693356 0.078858
0.50000 -0.201494 -22.243111 0.078858
-0.761934 0.385452 30.601897 0.078858
0.75000 -0.201494 -22.243111 0.078858
-0.761934 0.401094 22.510439 0.078858
1.00000 -0.201494 -22.243111 0.078858
-0.761934 0.416737 14.418980 0.078858
LOAD -P3-----
REL DIST P M2 V2 V3
0.00000 0.469209 43.335588 -0.201607
-1.814170 1.387084 53.647403 -0.201607
0.25000 0.469209 43.335588 -0.201607
-1.814170 1.639706 -107.953077 -0.201607
0.50000 0.469209 43.335588 -0.201607
-1.814170 1.892348 -162.258751 -0.201607
0.75000 0.469209 43.335588 -0.201607
-1.814170 2.144990 -216.564425 -0.201607
1.00000 0.469209 43.335588 -0.201607
-1.814170 2.397632 -270.870099 -0.201607
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F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -P4-----
REL DIST P M2 V2 V3
0.00000 2.124847 -39.211530 0.111617
5.129295 2.124847 -39.211530 0.111617
0.25000 2.124847 -39.211530 0.111617
5.129295 2.124847 -39.211530 0.111617
0.50000 2.124847 -39.211530 0.111617
5.129295 2.124847 -39.211530 0.111617
0.75000 2.124847 -39.211530 0.111617
5.129295 2.124847 -39.211530 0.111617
1.00000 2.124847 -39.211530 0.111617
5.129295 2.124847 -39.211530 0.111617
LOAD -P5-----
REL DIST P M2 V2 V3
0.00000 -2.454663 13.030201 0.023972
-0.790736 0.802767 -275.959797 0.023972
0.25000 -2.454663 13.030201 0.023972
-0.790736 0.772726 -292.285498 0.023972
0.50000 -2.454663 13.030201 0.023972
-0.790736 0.742685 -308.614199 0.023972
0.75000 -2.454663 13.030201 0.023972
-0.790736 0.712644 -324.942900 0.023972
1.00000 -2.454663 13.030201 0.023972
-0.790736 0.682604 -341.271601 0.023972
LOAD -2N+1-----
REL DIST P M2 V2 V3
0.00000 1.919024 -62.822722 0.190117
1.357420 -2.543997 282.819385 0.190117
0.25000 1.919024 -62.822722 0.190117
1.357420 -2.782241 -361.545219 0.190117
0.50000 1.919024 -62.822722 0.190117
1.357420 -3.020485 -440.271052 0.190117
0.75000 1.919024 -62.822722 0.190117
1.357420 -3.258729 -518.996886 0.190117
1.00000 1.919024 -62.822722 0.190117
1.357420 -3.496973 597.722720 0.190117
LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -1.919024 62.822722 -0.190117
-1.357420 2.543997 -282.819385 -0.190117
0.25000 -1.919024 62.822722 -0.190117
-1.357420 2.782241 -361.545219 -0.190117
0.50000 -1.919024 62.822722 -0.190117
-1.357420 3.020485 -518.996886 -0.190117
0.75000 -1.919024 62.822722 -0.190117
-1.357420 3.258729 -518.996886 -0.190117
1.00000 -1.919024 62.822722 -0.190117
-1.357420 3.496973 -597.722720 -0.190117
COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 2.124847 62.822722 0.190117
5.129295 2.124847 453.707969 0.190117
0.25000 2.124847 62.822722 0.190117
5.129295 2.782241 502.845611 0.190117
0.50000 2.124847 62.822722 0.190117
5.129295 3.020485 551.983253 0.190117
0.75000 2.124847 62.822722 0.190117
5.129295 3.258729 601.120895 0.190117
1.00000 2.124847 62.822722 0.190117
5.129295 3.496973 650.258537 0.190117
COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.454663 -62.822722 -0.190117
-2.543997 -282.819385 -0.190117
0.25000 -2.454663 -62.822722 -0.190117
-2.782241 -361.545219 -0.190117
0.50000 -2.454663 -62.822722 -0.190117
-3.020485 -518.996886 -0.190117
0.75000 -2.454663 -62.822722 -0.190117
-3.258729 -518.996886 -0.190117
1.00000 -2.454663 -62.822722 -0.190117
-3.496973 -597.722720 -0.190117

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F R A M E E L E M E N T I N T E R N A L F O R C E S
ELEM 93 ----- LENGTH
= 5.012035
LOAD -A1-----
REL DIST P M2 V2 V3
0.00000 -0.000672 -1.370483 -0.000880
-0.289031 -0.081324 -3.054865 -0.000880
0.25000 -0.000666 -1.370483 -0.000880
-0.289031 -0.086221 -1.337638 -0.000880
0.50000 -0.000666 -1.370483 -0.000880
-0.289031 -0.086118 0.379590 -0.000880
0.75000 -0.000666 -1.370483 -0.000880
-0.289031 -0.084014 2.096817 -0.000880
1.00000 -0.000666 -1.370483 -0.000880
-0.289031 -0.082911 3.814045 -0.000880
LOAD -P1-----
REL DIST P M2 V2 V3
0.00000 0.045751 6.468761 -0.010360
1.358686 0.359728 14.416193 -0.010360
0.25000 0.045751 6.468761 -0.010360
1.358686 0.371709 6.310779 -0.010360
0.50000 0.045751 6.468761 -0.010360
1.358686 0.384690 1.794634 -0.010360
0.75000 0.045751 6.468761 -0.010360
1.358686 0.397672 -9.900048 -0.010360
1.00000 0.045751 6.468761 -0.010360
1.358686 0.410553 -18.005461 -0.010360
LOAD -P2-----
REL DIST P M2 V2 V3
0.00000 -0.131253 -22.303239 0.071362
-3.954479 -0.960679 -49.474079 0.071362
0.25000 -0.131253 -22.303239 0.071362
-3.954479 -1.050096 -21.527927 0.071362
0.50000 -0.131253 -22.303239 0.071362
-3.954479 -1.139514 6.418225 0.071362
0.75000 -0.131253 -22.303239 0.071362
-3.954479 -1.228932 34.364377 0.071362
1.00000 -0.131253 -22.303239 0.071362
-3.954479 -1.318350 62.310529 0.071362
LOAD -P3-----
REL DIST P M2 V2 V3
0.00000 0.216094 43.870764 -0.171206
-1.110255 1.688699 -270.820671 -0.171206
0.25000 0.216094 43.870764 -0.171206
-1.110255 1.903222 -325.791121 -0.171206
0.50000 0.216094 43.870764 -0.171206
-1.110255 2.117744 -380.761570 -0.171206
0.75000 0.216094 43.870764 -0.171206
-1.110255 2.332267 -435.732019 -0.171206
1.00000 0.216094 43.870764 -0.171206
-1.110255 2.546790 -490.702469 -0.171206
LOAD -P4-----
REL DIST P M2 V2 V3
0.00000 2.306951 -40.142645 0.067126
4.731978 -1.731473 650.204404 0.067126
0.25000 2.306951 -40.142645 0.067126
4.731978 1.51583 700.503487 0.067126
0.50000 2.306951 -40.142645 0.067126
4.731978 -1.899693 750.802570 0.067126
0.75000 2.306951 -40.142645 0.067126
4.731978 1.688699 801.101653 0.067126
1.00000 2.306951 -40.142645 0.067126
4.731978 -2.067912 851.400736 0.067126
LOAD -P5-----
REL DIST P M2 V2 V3
0.00000 -2.436876 13.476841 0.043958
-0.736899 -0.732050 -341.270981 0.043958
0.25000 -2.436876 13.476841 0.043958
-0.736899 0.676970 -358.157580 0.043958
0.50000 -2.436876 13.476841 0.043958
-0.736899 0.621890 -375.044180 0.043958
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F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST P M2 V2 V3
0.75000 -2.436876 13.476841 0.043958
-0.736899 0.566910 -391.930780 0.043958
1.00000 -2.436876 13.476841 0.043958
-0.736899 0.511730 -408.817379 0.043958
LOAD -2N+1-----
REL DIST P M2 V2 V3
0.00000 2.175031 63.816366 0.137608
0.488467 2.175031 63.816366 0.137608
0.25000 2.175031 63.816366 0.137608
0.488467 -2.951900 677.637922 0.137608
0.50000 2.175031 63.816366 0.137608
0.488467 -3.124325 757.600384 0.137608
0.75000 2.175031 63.816366 0.137608
0.488467 -3.296749 837.562847 0.137608
1.00000 2.175031 63.816366 0.137608
0.488467 -3.469173 917.525310 0.137608
LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -2.175031 63.816366 -0.137608
-0.488467 2.175031 63.816366 -0.137608
0.25000 -2.175031 63.816366 -0.137608
-0.488467 2.951900 -677.637922 -0.137608
0.50000 -2.175031 63.816366 -0.137608
-0.488467 3.124325 -757.600384 -0.137608
0.75000 -2.175031 63.816366 -0.137608
-0.488467 3.296749 -837.562847 -0.137608
1.00000 -2.175031 63.816366 -0.137608
-0.488467 3.469173 -917.525310 -0.137608
COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 2.175031 63.816366 0.137608
4.731978 2.779476 650.204404 0.137608
0.25000 2.175031 63.816366 0.137608
4.731978 2.951900 700.503487 0.137608
0.50000 2.175031 63.816366 0.137608
4.731978 3.124325 757.600384 0.137608
0.75000 2.175031 63.816366 0.137608
4.731978 3.296749 837.562847 0.137608
1.00000 2.175031 63.816366 0.137608
4.731978 3.469173 917.525310 0.137608
COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.436876 -63.816366 -0.171206
-3.954479 -2.779476 -597.675459 -0.171206
0.25000 -2.436876 -63.816366 -0.171206
-3.954479 -2.951900 -677.637922 -0.171206

0.50000 -2.436876 -63.816366 -0.171206
-3.954479 -3.124325 -757.600384 -0.171206
0.75000 -2.436876 -63.816366 -0.171206
-3.95447

0.50000 2.575623 29.178389 0.126954
11.830019 1.621970 1093.080
0.75000 2.575623 29.178389 0.126954
11.830019 1.462868 1056.513
1.00000 2.575623 29.178389 0.126954
11.830019 1.303765 1019.946

COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -2.575623 -29.178389 -0.126954
-11.830019 -1.940175 -1166.214
0.25000 -2.575623 -29.178389 -0.126954
-11.830019 -1.707372 -1117.417
0.50000 -2.575623 -29.178389 -0.126954
-11.830019 -1.621970 -1093.080
0.75000 -2.575623 -29.178389 -0.126954
-11.830019 -1.462868 -1056.513
1.00000 -2.575623 -29.178389 -0.126954
-11.830019 -1.303765 -1019.946

ELEM 99 ===== LENGTH
= 5.012245
LOAD -A1
REL DIST P M2 V2 V3
0.00000 0.012925 0.301152 -0.001457
0.054826 -0.009458 10.981612
0.25000 0.012919 0.301152 -0.001457
0.054826 -0.007632 10.604249
0.50000 0.012925 0.301152 -0.001457
0.054826 -0.009306 9.0226887
0.75000 0.012919 0.301152 -0.001457
0.054826 -0.003980 9.849524
1.00000 0.012919 0.301152 -0.001457
0.054826 -0.002154 9.472162

LOAD -P1
REL DIST P M2 V2 V3
0.00000 T -0.036695 -1.421236 0.006787
0.25000 0.256106 -51.081229 4.903332
0.50000 0.256106 -1.036695 -1.421236 0.006787
0.75000 0.256106 -1.036695 -1.421236 0.006787
1.00000 0.256106 -1.036695 -1.421236 0.006787
0.256106 0.092510 -44.704844

LOAD -P2
REL DIST P M2 V2 V3
0.00000 0.140850 4.903332 -0.027115
-0.872349 -0.609203 178.536674
0.25000 0.140850 4.903332 -0.027115
-0.872349 -0.575226 172.392499
0.50000 0.140850 4.903332 -0.027115
-0.872349 -0.541249 166.248324
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FRAME ELEMENT INTERNA
L FORCES
REL DIST P M2 V2 V3
0.75000 0.140850 4.903332 -0.027115
-0.872349 -0.507271 160.104149
1.00000 0.140850 4.903332 -0.027115
-0.872349 -0.473294 153.959973

LOAD -P3
REL DIST P M2 V2 V3
0.00000 T -0.605335 -16.764561 0.043736
2.818315 1.182576 -604.204050
0.25000 -0.605335 -16.764561 0.043736
2.818315 -1.27773 -583.97027
0.50000 -0.605335 -16.764561 0.043736
2.818315 1.072969 -562.190004
0.75000 0.140850 4.903332 -0.027115
2.818315 1.018186 -546.82981
1.00000 -0.605335 -16.764561 0.043736
2.818315 0.963363 -520.175959

LOAD -P4
REL DIST P M2 V2 V3
0.00000 2.311385 23.156046 -0.147779
-8.582335 -0.993390 830.502327
0.25000 2.311385 23.156046 -0.147779
-8.582335 -0.993390 830.502327
0.50000 2.311385 23.156046 -0.147779
-8.582335 -0.623037 772.470437
0.75000 2.311385 23.156046 -0.147779
-8.582335 -0.623037 772.470437
1.00000 2.311385 23.156046 -0.147779
-8.582335 -0.252684 714.438546

LOAD -P5
REL DIST P M2 V2 V3
0.00000 -1.823125 -10.174734 0.125829
6.510988 0.302945 -363.988138
0.25000 -1.823125 -10.174734 0.125829
6.510988 0.145274 351.238573
0.50000 -1.823125 -10.174734 0.125829
6.510988 -0.012397 -338.489008
0.75000 -1.823125 -10.174734 0.125829
6.510988 0.117008 325.739443
1.00000 -1.823125 -10.174734 0.125829
6.510988 -0.327739 -312.989878

LOAD -2N+1-
REL DIST P M2 V2 V3
0.00000 T 2.465154 28.360530 -0.176352
9.585410 -1.612050 1020.021
0.25000 2.465154 28.360530 -0.176352
9.585410 -1.391071 984.483130
0.50000 2.465154 28.360530 -0.176352
9.585410 -1.170092 948.945647
0.75000 2.465154 28.360530 -0.176352
9.585410 -0.949112 913.408164
1.00000 2.465154 28.360530 -0.176352
9.585410 0.728133 -877.870681

LOAD -2N+2-
REL DIST P M2 V2 V3
0.00000 T -2.465154 -28.360530 0.176352
9.585410 -1.612050 1020.021
0.25000 -2.465154 -28.360530 0.176352
9.585410 -1.391071 984.483130
0.50000 -2.465154 -28.360530 0.176352
9.585410 -1.170092 948.945647
0.75000 -2.465154 -28.360530 0.176352
9.585410 -0.949112 913.408164
1.00000 -2.465154 -28.360530 0.176352
9.585410 0.728133 -877.870681

COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 T 2.465154 28.360530 0.176352
9.585410 -1.612050 1020.021
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FRAME ELEMENT INTERNA
L FORCES
REL DIST P M2 V2 V3
0.25000 2.465154 28.360530 0.176352
9.585410 -1.391071 984.483130
0.50000 2.465154 28.360530 0.176352
9.585410 -1.170092 948.945647
0.75000 2.465154 28.360530 0.176352
9.585410 -0.949112 913.408164
1.00000 2.465154 28.360530 0.176352
9.585410 0.728133 -877.870681

COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 T -2.465154 -28.360530 -0.176352
9.585410 -1.612050 1020.021
0.25000 -2.465154 -28.360530 -0.176352
9.585410 -1.391071 984.483130
0.50000 -2.465154 -28.360530 -0.176352
9.585410 -1.170092 948.945647
0.75000 -2.465154 -28.360530 -0.176352
9.585410 -0.949112 913.408164
1.00000 -2.465154 -28.360530 -0.176352
9.585410 -0.728133 -877.870681

ELEM 100 ===== LENGTH
= 5.012519
LOAD -A1
REL DIST P M2 V2 V3
0.00000 0.012730 0.300628 -0.001410
-0.011118 -0.002671 9.472349
0.25000 0.012730 0.300628 -0.001410
-0.000903 9.0226887
0.50000 0.012730 0.300628 -0.001410
-0.011118 0.000864 8.711887
0.75000 0.012730 0.300628 -0.001410
-0.011118 0.002632 8.001170
1.00000 0.012730 0.300628 -0.001410
-0.011118 0.004399 7.965444

LOAD -P1
REL DIST P M2 V2 V3
0.00000 T -0.038815 -1.418683 0.006771
0.046134 0.086475 -44.705209
0.25000 -0.038815 -1.418683 0.006771
0.046134 0.077991 -42.927416
0.50000 -0.038815 -1.418683 0.006771
0.046134 0.069507 -41.49623
0.75000 -0.038815 -1.418683 0.006771
0.046134 0.061023 -39.371830
1.00000 -0.038815 -1.418683 0.006771
0.046134 0.052538 -37.594036

LOAD -P2
REL DIST P M2 V2 V3
0.00000 T 0.146486 4.887903 -0.028465
-0.175602 -0.954378 153.961526
0.25000 0.146486 4.887903 -0.028465
-0.175602 -0.421471 147.836349
0.50000 0.146486 4.887903 -0.028465
-0.175602 -0.385001 141.1172
0.75000 0.146486 4.887903 -0.028465
-0.175602 -0.350130 135.585995
1.00000 0.146486 4.887903 -0.028465
-0.175602 -0.314460 129.460818

LOAD -P3
REL DIST P M2 V2 V3
0.00000 T -0.608304 -16.563689 0.072130
1.054635 0.954378 -520.184122
0.25000 -0.608304 -16.563689 0.072130
1.054635 0.863990 -499.428301
0.50000 -0.608304 -16.563689 0.072130
1.054635 0.773601 -478.171500
0.75000 -0.608304 -16.563689 0.072130
1.054635 0.683213 -457.915399
1.00000 -0.608304 -16.563689 0.072130
1.054635 0.592825 -437.158948
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FRAME ELEMENT INTERNA
L FORCES
LOAD -P4
REL DIST P M2 V2 V3
0.00000 T 2.133968 22.778730 -0.199893
5.706186 0.749699 919.849004
0.25000 2.133968 22.778730 -0.199893
5.706186 -0.498477 685.960386
0.50000 2.133968 22.778730 -0.199893
5.706186 -0.247985 657.415882
0.75000 2.133968 22.778730 -0.199893
5.706186 0.002508 628.870977
1.00000 2.133968 22.778730 -0.199893
5.706186 0.253000 600.326273

LOAD -P5
REL DIST P M2 V2 V3
0.00000 T -1.646064 -9.984891 0.150868
5.706186 -0.167928 -313.049004
0.25000 -1.646064 -9.984891 0.150868
5.706186 -0.021130 -300.536640
0.50000 -1.646064 -9.984891 0.150868
5.706186 -0.210187 -288.024277
0.75000 -1.646064 -9.984891 0.150868
5.706186 -0.399245 -275.511914
1.00000 -1.646064 -9.984891 0.150868
5.706186 -0.586302 -262.999550

LOAD -2N+1-
REL DIST P M2 V2 V3
0.00000 T 2.293183 27.967262 -0.229769
6.798855 -1.208781 877.938965
0.25000 2.293183 27.967262 -0.229769
6.798855 -0.920851 842.892358
0.50000 2.293183 27.967262 -0.229769
6.798855 -0.632921 807.845750
0.75000 2.293183 27.967262 -0.229769
6.798855 -0.344991 772.799143
1.00000 2.293183 27.967262 -0.229769
6.798855 -0.057061 737.752535

LOAD -2N+2-
REL DIST P M2 V2 V3
0.00000 T -2.293183 -27.967262 0.229769
6.798855 -1.208781 -877.938965
0.25000 -2.293183 -27.967262 0.229769
6.798855 -0.920851 -842.892358
0.50000 -2.293183 -27.967262 0.229769
6.798855 -0.632921 -807.845750
0.75000 -2.293183 -27.967262 0.229769
6.798855 -0.344991 -772.799143
1.00000 -2.293183 -27.967262 0.229769
6.798855 -0.057061 -737.752535

COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 T 2.293183 27.967262 0.229769

6.798855 1.208781 877.938965 0.229769
2.293183 27.967262
6.798855 0.920851 842.892358 0.229769
0.50000 2.293183 27.967262
6.798855 0.73601 807.845750 0.229769
0.75000 2.293183 27.967262
6.798855 0.053263 772.799143 0.229769
1.00000 2.293183 27.967262 0.229769
6.798855 0.592825 737.752535

COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 T -2.293183 -27.967262 -0.229769
-6.798855 -1.208781 -877.938965
0.25000 -2.293183 -27.967262 -0.229769
-6.798855 -0.920851 -842.892358
0.50000 -2.293183 -27.967262 -0.229769
-6.798855 -0.632921 -807.845750
0.75000 -2.293183 -27.967262 -0.229769
-6.798855 -0.344991 -772.799143
1.00000 -2.293183 -27.967262 -0.229769
-6.798855 -0.586302 -737.752535
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< UNEQUAL SETTLEMENT 220 >

FRAME ELEMENT INTERNA
L FORCES
ELEM 101 ===== LENGTH
= 5.012015
LOAD -A1
REL DIST P M2 V2 V3
0.00000 T 0.011957 0.300666 -0.001322
0.031526 0.002244 7.965519
0.25000 0.011957 0.300666 -0.001322
0.031526 0.003900 5.885099
0.50000 0.011957 0.300666 -0.001322
0.031526 0.005556 7.211498
0.75000 0.011957 0.300666 -0.001322
0.031526 0.007213 6.834487
1.00000 0.011957 0.300666 -0.001322
0.031526 0.008869 6.457476

LOAD -P1
REL DIST P M2 V2 V3
0.00000 T -0.038139 -1.419897 0.006488
-0.149860 -0.038139 -37.593855
0.25000 -0.038139 -1.419897 0.006488
-0.149860 0.046233 -35.814748
0.50000 -0.038139 -1.419897 0.006488
-0.149860 0.038104 -34.035612
0.75000 -0.038139 -1.419897 0.006488
-0.149860 0.029975 -32.256476
1.00000 -0.038139 -1.419897 0.006488
-0.149860 0.021846 30.477339

LOAD -P2
REL DIST P M2 V2 V3
0.00000 T 0.142407 4.889651 -0.028526
0.489130 -0.325583 129.460896
0.25000 0.142407 4.889651 -0.028526
0.489130 -0.289840 123.333945
0.50000 0.142407 4.889651 -0.028526
0.489130 0.142407 117.207193
0.75000 0.142407 4.889651 -0.028526
0.489130 -0.218353 111.080442
1.00000 0.142407 4.889651 -0.028526
0.489130 -0.182609 104.953691

LOAD -P3
REL DIST P M2 V2 V3
0.00000 T -0.578698 -16.513097 0.087563
-0.966218 0.675055 -437.164096
0.25000 -0.578698 -16.513097 0.087563
-0.966218 0.593399 -416.473123
0.50000 -0.578698 -16.513097 0.087563
-0.966218 0.455622 -395.782150
0.75000 -0.578698 -16.513097 0.087563
-0.966218 0.345806 -375.091177
1.00000 -0.578698 -16.513097 0.087563
-0.966218 0.236189 -354.400204

LOAD -P4
REL DIST P M2 V2 V3
0.00000 T 1.912496 22.650989 -0.232994
-4.071682 -0.366352 600.390296
0.25000 1.912496 22.650989 -0.232994
-4.071682 -0.074410 571.009521
0.50000 1.912496 22.650989 -0.232994
-4.071682 0.217533 543.626745
0.75000 1.912496 22.650989 -0.232994
-4.071682 -0.199476 15.241655
1.00000 1.912496 22.650989 -0.232994
-4.071682 0.801419 486.863194

LOAD -P5
REL DIST P M2 V2 V3
0.00000 T -1.450024 -9.908532 0.168792
4.667105 -0.039725 -263.058531
0.25000 -1.450024 -9.908532 0.168792
4.667105 0.251222 -250.643103
0.50000 -1.450024 -9.908532 0.168792
4.667105 -0.462719 -238.227675
0.75000 -1.450024 -9.908532 0.168792
4.667105 -0.676698 -225.812246
1.00000 -1.450024 -9.908532 0.168792
4.667105 -0.885714 -213.396818

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< UNEQUAL SETTLEMENT 221 >

FRAME ELEMENT INTERNA
L FORCES
REL DIST P M2 V2 V3
0.75000 T -1.450024 -9.908532 0.168792
4.667105 -0.039725 -263.058531
1.00000 -1.450024 -9.908532 0.168792
4.667105 -0.885714 -213.396818

LOAD -2N+1-
REL DIST P M2 V2 V3
0.00000 T 2.066860 -27.841526 0.262842
-3.551027 -0.689692 737.816512
0.25000 2.066860 -27.841526 0.262842
-3.551027 0.360349 702.930974
0.50000 2.066860 -27.841526 0.262842
-3.551027 -0.310107 668.045437
0.75000 2.066860 -27.841526 0.262842
-3.551027 0.298336 633.159899
1.00000 2.066860 -27.841526 0.262842
-3.551027 -0.627678 598.274361

LOAD -2N+2-
REL DIST P M2 V2 V3
0.00000 T -2.066860 27.841526 0.262842
3.551027 -0.689692 737.816512
0.25000 -2.066860 27.841526 0.262842
3.551027 0.360349 702.930974
0.50000 -2.066860 27.841526 0.262842
3.551027 -0.310107 668.045437
0.75000 -2.066860 27.841526 0.262842
3.551027 0.298336 633.159899
1.00000 -2.066860 27.841526 0.262842
3.551027 -0.627678 598.274361

COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 T 2.066860 27.841526 0.262842
4.667105 -0.689692 737.816512
0.25000 2.066860 27.841526 0.262842
4.667105 0.565339 702.930974
0.50000 2.066860 27.841526 0.262842
4.667105 0.455222 668.045437
0.75000 2.066860 27.841526 0.262842
4.667105 0.509476 633.159899
1.00000 2.066860 27.841526 0.262842
4.6

0.587088	-0.874048	-493.710565	
1.00000	-1.795959	-27.828248	0.267044
0.587088	-1.208696	-458.837373	
COMB SETTLE ----- MAX			
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	1.795959	27.828248	0.267044
3.702856	0.393677	598.330143	
0.25000	1.795959	57.828248	0.267044
3.702856	0.379652	564.456950	
0.50000	1.795959	27.828248	0.267044
3.702856	0.676331	528.583758	
0.75000	1.795959	27.828248	0.267044
3.702856	0.977011	493.710565	
1.00000	1.795959	27.828248	0.267044
3.702856	1.275690	458.837373	

COMB SETTLE ----- MIN			
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	-1.795959	-27.828248	-0.267044
-2.800474	-0.293933	-598.330143	
0.25000	-1.795959	-27.828248	-0.267044
-2.800474	-0.507818	-563.456950	
0.50000	-1.795959	-27.828248	-0.267044
-2.800474	-0.721703	-528.583758	
0.75000	-1.795959	-27.828248	-0.267044
-2.800474	-0.935589	-493.710565	
1.00000	-1.795959	-27.828248	-0.267044
-2.800474	-1.208696	-458.837373	

ELEM	103	=====	LENGTH
LOAD	-A1		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	0.009712	0.302077	-0.00181
0.093077	0.009712	4.946045	
0.25000	0.009075	0.302077	-0.00181
0.093077	0.009391	4.567522	
0.50000	0.009075	0.302077	-0.00181
0.093077	0.009670	4.189000	
0.75000	0.009075	0.302077	-0.00181
0.093077	0.011350	3.104748	
1.00000	0.009075	0.302077	-0.00181
0.093077	0.012629	3.431956	

LOAD	-P1		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	-0.030362	-1.425555	0.005949
-0.439769	-0.013026	-23.943714	
0.25000	-0.030362	-1.425555	0.005949
-0.439769	-0.005572	-21.557397	
0.50000	-0.030362	-1.425555	0.005949
-0.439769	-0.001893	-19.771081	
0.75000	-0.030362	-1.425555	0.005949
-0.439769	-0.009338	-17.984765	
1.00000	-0.030362	-1.425555	0.005949
-0.439769	-0.016792	-16.198448	

LOAD	-P2		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	0.111942	4.908358	-0.026834
1.483951	-0.129777	60.392289	
0.25000	0.111942	4.908358	-0.026834
1.483951	-0.096151	74.241786	
0.50000	0.111942	4.908358	-0.026834
1.483951	-0.062526	68.091284	
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FRAME ELEMENT INTERNAL FORCES				
REL DIST	P	M2	V2	V3
T	M2	M3		
0.75000	0.111942	4.908358	-0.026834	
1.483951	-0.028901	61.940781		
1.00000	0.111942	4.908358	-0.026834	
1.483951	0.004724	55.790279		

LOAD	-P3		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	-0.444762	-16.557133	0.088720
-2.228581	-0.157769	-271.550573	
0.25000	-0.444762	-16.557133	0.088720
-2.228581	-0.046598	-250.803371	
0.50000	-0.444762	-16.557133	0.088720
-2.228581	-0.064574	-230.058170	
0.75000	-0.444762	-16.557133	0.088720
-2.228581	-0.175745	-209.308968	
1.00000	-0.444762	-16.557133	0.088720
-2.228581	-0.286917	-188.561767	

LOAD	-P4		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	1.369286	22.641449	-0.228154
0.162467	0.476183	373.547558	
0.25000	1.369286	22.641449	-0.228154
0.162467	0.162076	345.176298	
0.50000	1.369286	22.641449	-0.228154
0.162467	1.047968	316.805039	
0.75000	1.369286	22.641449	-0.228154
0.162467	0.382880	27.851883	
1.00000	1.369286	22.641449	-0.228154
0.162467	1.619752	260.062521	

LOAD	-P5		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	-1.015180	-9.869196	0.161500
2.928856	-0.524114	-163.991604	
0.25000	-1.015180	-9.869196	0.161500
2.928856	-0.126485	-151.624938	
0.50000	-1.015180	-9.869196	0.161500
2.928856	-0.288855	-139.258072	
0.75000	-1.015180	-9.869196	0.161500
2.928856	-1.131226	-126.891306	
1.00000	-1.015180	-9.869196	0.161500
2.928856	-1.333596	-114.524540	

LOAD	-2N+1-		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	1.490303	27.851883	-0.256169
1.739494	0.353319	458.885891	
0.25000	1.490303	27.851883	-0.256169
1.739494	0.674315	423.985607	
0.50000	1.490303	27.851883	-0.256169
1.739494	0.995312	389.085323	
0.75000	1.490303	27.851883	-0.256169
1.739494	1.316309	354.185039	
1.00000	1.490303	27.851883	-0.256169
1.739494	1.637305	319.284756	

LOAD	-2N+2-		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	-1.490303	-27.851883	0.256169
-1.739494	-0.353319	-458.885891	
0.25000	-1.490303	-27.851883	0.256169
-1.739494	-0.674315	-423.985607	
0.50000	-1.490303	-27.851883	0.256169
-1.739494	-0.995312	-389.085323	
0.75000	-1.490303	-27.851883	0.256169
-1.739494	-1.316309	-354.185039	
1.00000	-1.490303	-27.851883	0.256169
-1.739494	-1.637305	-319.284756	

COMB SETTLE ----- MAX			
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	1.490303	27.851883	0.256169
2.928856	0.476183	458.885891	
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FRAME ELEMENT INTERNAL FORCES				
REL DIST	P	M2	V2	V3
T	M2	M3		
0.25000	1.490303	27.851883	0.256169	
2.928856	0.620762	423.985607		
0.50000	1.490303	27.851883	0.256169	
2.928856	1.047968	389.085323		
0.75000	1.490303	27.851883	0.256169	
2.928856	1.333860	354.185039		
1.00000	1.490303	27.851883	0.256169	
2.928856	1.637305	319.284756		

COMB SETTLE ----- MIN			
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	-1.490303	-27.851883	-0.256169
-2.228581	-0.524114	-458.885891	
0.25000	-1.490303	-27.851883	-0.256169
-2.228581	-0.726485	-423.985607	
0.50000	-1.490303	-27.851883	-0.256169
-2.228581	-0.995312	-389.085323	
0.75000	-1.490303	-27.851883	-0.256169
-2.228581	-1.316309	-354.185039	
1.00000	-1.490303	-27.851883	-0.256169
-2.228581	-1.637305	-319.284756	

ELEM	104	=====	LENGTH
LOAD	-A1		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	0.007162	0.301547	-0.001276
0.109110	0.007475	3.431749	
0.25000	0.007162	0.301547	-0.001276
0.109110	0.009074	3.053891	
0.50000	0.007162	0.301547	-0.001276
0.109110	0.010673	2.676033	
0.75000	0.007162	0.301547	-0.001276
0.109110	0.012773	2.182073	
1.00000	0.007162	0.301547	-0.001276
0.109110	0.013872	1.920318	

LOAD	-P1		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	-0.024211	-1.423065	0.006444
-0.515219	0.000390	-16.196985	
0.25000	-0.024211	-1.423065	0.006444
-0.515219	-0.007685	-14.413794	
0.50000	-0.024211	-1.423065	0.006444
-0.515219	-0.015761	-12.630603	
0.75000	-0.024211	-1.423065	0.006444
-0.515219	-0.023836	-10.847412	
1.00000	-0.024211	-1.423065	0.006444
-0.515219	-0.031911	-9.064221	

LOAD	-P2		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	0.088851	4.900218	-0.028347
1.745738	-0.059722	55.785708	
0.25000	0.088851	4.900218	-0.028347
1.745738	-0.024201	49.645422	
0.50000	0.088851	4.900218	-0.028347
1.745738	0.011320	43.505135	
0.75000	0.088851	4.900218	-0.028347
1.745738	0.046841	37.364849	
1.00000	0.088851	4.900218	-0.028347
1.745738	0.082361	31.224562	

LOAD	-P3		
REL DIST	P	M2	V2
T	M2	M3	V3
0.00000	-0.351473	-16.538647	0.091664
-5.139155	-0.026290	-181.538647	
0.25000	-0.351473	-16.538647	0.091664
-5.139155	-0.141151	-167.828948	
0.50000	-0.351473	-16.538647	0.091664
-5.139155	-0.256013	-147.049655	
0.75000	-0.351473	-16.538647	0.091664
-5.139155	-0.370874	-126.308982	
1.00000	-0.351473	-16.538647	0.091664
-5.139155	-0.485735	-105.657000	
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FRAME ELEMENT INTERNAL FORCES				
LOAD	-P4	-----		
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	1.062077	22.653174	-0.219156	
1.572537	0.780536	260.108623		-0.219156
0.25000	1.062077	22.653174		
1.572537	1.035152	231.723647		
0.50000	1.062077	22.653174	-0.219156	

0.75000	0.062077	22.653174	-0.219156
1.572537	1.584385	174.951895	
1.00000	1.062077	22.653174	-0.219156
1.572537	1.859001	146.566019	
LOAD -P5 -----			
REL DIST	M2	V2	V3
0.00000	-0.782406	-9.893227	0.150670
2.226989	-0.823900	-114.432665	
0.25000	-0.782406	-9.893227	0.150670
2.226989	-0.871189	-102.180218	
0.50000	-0.782406	-9.893227	0.150670

LOAD -N2+2-										REL DIST										P										M2										V2										V3										5.30E-05										-0.339011										-0.762722										2.38E-05										0.587080										0.404819																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							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DIST										P										M2										M3										V2										V3										0.64922										0.189376										0.374980										0.311168										0.51310										0.267618										0.141291										0.394622																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											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-4.30E-05	-0.351403	-0.312668			
0.64931	0.0148579	0.211467	0.396139		
-4.30E-05	-0.589779	-0.439918			
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FRAME ELEMENT INTERNAL FORCES					
LOAD -2N+2-----					
REL DIST	P	M2	V2	V3	
0.00000	T	M2	M3		
4.30E-05	-0.014853	-0.211467	-0.396139		
0.16233	-0.363725	0.069082			
0.430E-05	-0.014853	-0.211467	-0.396139		
0.32466	-0.125349	0.058168			
4.30E-05	-0.014853	-0.211467	-0.396139		
0.430E-05	-0.113027	0.185918			
0.48698	-0.014853	-0.211467	-0.396139		
4.30E-05	-0.351403	0.312668			
0.64931	-0.014853	-0.211467	-0.396139		
4.30E-05	-0.589779	-0.439918			
COMB SETTLE ----- MAX					
REL DIST	P	M2	V2	V3	
0.00000	T	M2	M3		
4.30E-05	0.047386	0.377844	0.396139		
0.16233	0.047386	0.377844	0.396139		
4.30E-05	0.125349	0.172349	0.396139		
0.32466	0.047386	0.377844	0.396139		
4.30E-05	0.113027	0.294928	0.396139		
0.48698	0.047386	0.377844	0.396139		
4.30E-05	0.351403	0.417502	0.396139		
0.64931	0.047386	0.377844	0.396139		
4.30E-05	0.589779	0.540079			
COMB SETTLE ----- MIN					
REL DIST	P	M2	V2	V3	
0.00000	T	M2	M3		
4.30E-05	-0.028453	-0.211467	-0.396139		
0.16233	-0.063725	0.069082	-0.396139		
-4.30E-05	-0.125349	-0.209029	-0.396139		
0.32466	-0.028453	-0.211467	-0.396139		
4.30E-05	-0.113027	-0.043696	-0.396139		
-4.30E-05	-0.351403	-0.663763	-0.396139		
0.64931	-0.028453	-0.211467	-0.396139		
-4.30E-05	-0.589779	-0.891131			
ELEM 111 ----- LENGTH					
= 3.706841					
LOAD -A1-----					
REL DIST	P	M2	V2	V3	
0.35070	0.003085	-0.051144	0.273470		
3.61E-05	0.414683	-0.110343			
0.51303	0.003085	-0.051144	0.273470		
3.61E-05	0.250133	-0.079589			
0.67535	0.003085	-0.051144	0.273470		
3.61E-05	0.085584	-0.048795			
0.83768	0.003085	-0.051144	0.273470		
3.61E-05	0.078966	-0.018022			
1.00000	0.003085	-0.051144	0.273470		
3.61E-05	-0.243516	0.012752			
LOAD -P1-----					
REL DIST	P	M2	V2	V3	
0.35070	-0.006570	-0.028110	-0.335340		
-3.25E-05	-0.508725	-0.0151346			
0.51303	-0.006874	-0.028110	-0.335340		
-3.25E-05	-0.306947	-0.038223			
0.67535	-0.006874	-0.028110	-0.335340		
-3.25E-05	-0.105169	-0.045100			
0.83768	-0.006874	-0.028110	-0.335340		
-3.25E-05	-0.096608	-0.011977			
1.00000	-0.006874	-0.028110	-0.335340		
-3.25E-05	-0.298386	0.001147			
LOAD -P2-----					
REL DIST	P	M2	V2	V3	
0.35070	0.004293	0.099591	0.081574		
5.48E-06	0.125973	0.275093			
0.51303	0.004293	0.099591	0.081574		
-5.48E-06	0.074889	0.165158			
0.67535	0.004293	0.099591	0.081574		
-5.48E-06	0.045100	0.010343			
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FRAME ELEMENT INTERNAL FORCES					
LOAD -P3-----					
REL DIST	P	M2	V2	V3	
0.83768	0.004293	0.099591	0.081574		
-5.48E-06	-0.023279	0.045309			
1.00000	0.004293	0.099591	0.081574		
-5.48E-06	-0.072363	-0.014616			
LOAD -P4-----					
REL DIST	P	M2	V2	V3	
0.35070	-0.000258	0.009809	0.004880		
-8.88E-07	0.007422	0.022886			
0.51303	-0.000258	0.009809	0.004880		
-8.88E-07	0.004486	0.011695			
0.67535	-0.000258	0.009809	0.004880		
-8.88E-07	0.001550	0.011083			
0.83768	-0.000258	0.009809	0.004880		
-8.88E-07	-0.001386	0.005181			
1.00000	-0.000258	0.009809	0.004880		
-8.88E-07	-0.004322	-0.000721			
LOAD -P5-----					
REL DIST	P	M2	V2	V3	
0.35070	0.000111	-0.001871	-0.0000371		
2.22E-07	-0.000566	-0.004305			
0.51303	0.000111	-0.001871	-0.0000371		
2.22E-07	-0.000343	-0.001180			
0.67535	0.000111	-0.001871	-0.0000371		
2.22E-07	-0.000120	-0.002054			
0.83768	0.000111	-0.001871	-0.0000371		
2.22E-07	0.000203	0.001088			
1.00000	0.000111	-0.001871	-0.0000371		
2.22E-07	0.000327	0.000197			
LOAD -2N+1-----					
REL DIST	P	M2	V2	V3	
0.35070	0.007120	0.058255	0.359923		

2.98E-05	0.546077	0.137626		
0.51303	0.007120	0.058255	0.359923	
2.98E-05	0.329508	0.105773		
0.67535	0.007120	0.058255	0.359923	
2.98E-05	0.112938	0.067521		
0.83768	0.007120	0.058255	0.359923	
2.98E-05	-0.103631	0.032468		
1.00000	0.007120	0.058255	0.359923	
2.98E-05	-0.320201	-0.002585		
LOAD -2N+2-----				
REL DIST	P	M2	V2	V3
0.35070	-0.007120	-0.058255	-0.359923	
2.98E-05	-0.546077	-0.137626		
0.51303	-0.007120	-0.058255	-0.359923	
2.98E-05	-0.329508	-0.105773		
0.67535	-0.007120	-0.058255	-0.359923	
2.98E-05	-0.112938	-0.067521		
0.83768	-0.007120	-0.058255	-0.359923	
2.98E-05	0.103631	0.032468		
1.00000	-0.007120	-0.058255	-0.359923	
2.98E-05	0.320201	0.002585		
COMB SETTLE ----- MAX				
REL DIST	P	M2	V2	V3
0.35070	0.007120	0.099591	0.359923	
3.61E-05	0.546077	0.225083		
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FRAME ELEMENT INTERNAL FORCES				
LOAD -P1-----				
REL DIST	P	M2	V2	V3
0.51303	0.007120	0.099591	0.359923	
3.61E-05	0.329508	0.165158		
0.67535	0.007120	0.099591	0.359923	
3.61E-05	0.112938	0.052333		
0.83768	0.007120	0.099591	0.359923	
3.61E-05	0.103631	0.045309		
1.00000	0.007120	0.099591	0.359923	
3.61E-05	0.320201	0.012752		
COMB SETTLE ----- MIN				
REL DIST	P	M2	V2	V3
0.35070	-0.007120	-0.058255	-0.359923	
-2.98E-05	-0.546077	-0.137626		
0.51303	-0.007120	-0.058255	-0.359923	
-2.98E-05	-0.329508	-0.105773		
0.67535	-0.007120	-0.058255	-0.359923	
-2.98E-05	-0.112938	-0.067521		
0.83768	-0.007120	-0.058255	-0.359923	
-2.98E-05	0.103631	0.032468		
1.00000	-0.007120	-0.058255	-0.359923	
-2.98E-05	0.320201	-0.014616		
ELEM 112 ----- LENGTH				
= 3.706725				
LOAD -A1-----				
REL DIST	P	M2	V2	V3
0.00000	0.003066	-0.062628	0.274667	
-1.51E-05	0.244425	-0.015360		
0.16232	0.003066	-0.062628	0.274667	
-1.51E-05	0.07163	-0.051942		
0.32464	0.003066	-0.062628	0.274667	
-1.51E-05	-0.086099	-0.090724		
0.48696	0.003066	-0.062628	0.274667	
-1.51E-05	-0.251361	-0.128406		
0.64929	0.003066	-0.062628	0.274667	
-1.51E-05	-0.416622	0.166087		
LOAD -P1-----				
REL DIST	P	M2	V2	V3
0.00000	-0.004525	0.002460	-0.337163	
3.11E-05	-0.299949	-0.004349		
0.16232	-0.004525	0.002460	-0.337163	
3.11E-05	-0.097085	-0.002460		
0.32464	-0.004525	0.002460	-0.337163	
3.11E-05	0.105780	-0.007309		
0.48696	-0.004525	0.002460	-0.337163	
3.11E-05	0.308644	-0.008789		
0.64929	-0.004525	0.002460	-0.337163	
3.11E-05	0.511509	-0.010269		
LOAD -P2-----				
REL DIST	P	M2	V2	V3
0.00000	0.001304	0.083031	0.082315	
-2.16E-05	0.073125	-0.010876		
0.16232	0.001304	0.083031	0.082315	
-1.16E-05	0.023597	-0.008035		
0.32464	0.001304	0.083031	0.082315	
-2.16E-05	-0.025930	-0.110793		
0.48696	0.001304	0.083031	0.082315	
-1.16E-05	0.075458	-0.160752		
0.64929	0.001304	0.083031	0.082315	
-2.16E-05	-0.124985	-0.210710		
LOAD -P3-----				
REL DIST	P	M2	V2	V3
0.00000	0.000498	-0.029707	-0.024374	
7.22E-06	-0.021468	0.000142		
0.16232	-0.000498	-0.029707	-0.024374	
7.22E-06	-0.013841	0.000116		
0.32464	0.000498	-0.029707	-0.024374	
7.22E-06	0.007684	0.035890		
0.48696	0.000498	-0.029707	-0.024374	
7.22E-06	-0.023580	0.053765		
0.64929	0.000498	-0.029707	-0.024374	
7.22E-06	0.037016	0.071639		
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FRAME ELEMENT INTERNAL FORCES				
LOAD -P4-----				
REL DIST	P	M2	V2	V3
0.00000	-0.000500	0.008475	0.004929	
-1.85E-06	0.004376	-0.000420		
0.16232	-0.000500	0.008475	0.004929	
-1.85E-06	0.001540	-0.000319		
0.32464	-0.000500	0.008475	0.004929	
-1.85E-06	-0.001555	-0.010618		
0.48696	-0.000500	0.008475	0.004929	
-1.85E-06	0.000521	-0.000317		
0.64929	-0.000500	0.008475	0.004929	
-1.85E-06	-0.007486	-0.020816		
LOAD -P5-----				
REL DIST	P	M2	V2	V3
0.00000	0.000158	-0.001631	-0.000374	
2.98E-07	-0.000330	0.000143		
0.16232	0.000158	-0.001631	-0.000374	
2.98E-07	-0.000105	0.000125		
0.32464	0.000158	-0.001631	-0.000374	
2.98E-07	0.000120	0.002106		
0.48696	0.000158	-0.001631	-0.000374	
2.98E-07	0.000345	0.003087		
0.64929	0.000158	-0.001631	-0.000374	
2.98E-07	0.000570	0.004069		

LOAD -2N+1-
REL DIST P M2 V2 V3
0.00000 -0.001749 0.031612 0.333634
2.72E-05 -0.297483 -0.016794
0.16232 -0.001749 0.031612 0.333634
-2.72E-05 -0.096747 -0.002226
0.32464 -0.001749 0.031612 0.333634
0.32464 -0.001749 0.031612 0.333634
0.48696 -0.001749 0.031612 0.333634
-2.72E-05 -0.304726 -0.040265
0.64928 -0.001749 0.031612 0.333634
-2.72E-05 -0.059284 -0.059284
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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-
REL DIST P M2 V2 V3
0.00000 -0.001749 0.031612 0.333634
2.72E-05 -0.297483 -0.016794
0.16232 -0.001749 0.031612 0.333634
-2.72E-05 -0.096747 -0.002226
0.32464 -0.001749 0.031612 0.333634
0.32464 -0.001749 0.031612 0.333634
0.48696 -0.001749 0.031612 0.333634
-2.72E-05 -0.304726 -0.040265
0.64928 -0.001749 0.031612 0.333634
-2.72E-05 -0.059284 -0.059284

COMB SETTLE MAX

REL DIST P M2 V2 V3
0.00000 0.008544 0.031612 0.333634
2.72E-05 0.297483 0.016794
0.16232 0.008544 0.031612 0.333634
2.72E-05 0.096747 0.010169
0.32464 0.008544 0.031612 0.333634
0.32464 -0.001749 0.031612 0.333634
0.48696 0.008544 0.031612 0.333634
-2.72E-05 0.304726 0.052738
0.64928 0.008544 0.031612 0.333634
-2.72E-05 0.059462 0.074022

COMB SETTLE MIN

REL DIST P M2 V2 V3
0.00000 -0.010710 -0.035376 -0.333634
2.72E-05 -0.297483 0.016794
0.16232 -0.010710 -0.035376 -0.333634
-2.72E-05 -0.096747 -0.007476
0.32464 -0.010710 -0.035376 -0.333634
0.32464 -0.001749 0.031612 0.333634
0.48696 -0.010710 -0.035376 -0.333634
-2.72E-05 -0.304726 -0.040265
0.64928 -0.010710 -0.035376 -0.333634
-2.72E-05 -0.059462 -0.059284

ELEM 115 LENGTH = 3.706691

LOAD -A1

REL DIST P M2 V2 V3
0.35072 0.005833 0.096332 0.247010
3.77E-05 0.374008 0.233959
0.51304 0.005833 0.096332 0.247010
3.77E-05 0.225389 0.175938
0.67536 0.005833 0.096332 0.247010
3.77E-05 0.076770 0.118038
0.83768 0.005833 0.096332 0.247010
3.77E-05 0.076770 0.118038
1.00000 0.005833 0.096332 0.247010
3.77E-05 -0.220468 0.002117

LOAD -P1

REL DIST P M2 V2 V3
0.35072 -0.027737 0.138733 -0.277861
-3.97E-05 -0.420970 -0.324122
0.51304 -0.027358 -0.136873 -0.277861
3.97E-05 -0.253788 -0.241770
0.67536 -0.027358 -0.136873 -0.277861
-3.97E-05 -0.086607 -0.159417
0.83768 -0.027358 -0.136873 -0.277861
3.97E-05 -0.080575 -0.077064
1.00000 -0.027358 -0.136873 -0.277861
-3.97E-05 0.247756 0.005289

LOAD -P2

REL DIST P M2 V2 V3
0.35072 0.024503 0.034872 0.041528
-1.76E-06 -0.011914 0.012150
0.51304 0.024503 0.034872 0.041528
1.76E-06 -0.038200 0.060172
0.67536 0.024503 0.034872 0.041528
1.76E-06 0.038190 0.060172
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.83768 0.024503 0.034872 0.041528
1.76E-06 -0.011773 0.018208
1.00000 0.024503 0.034872 0.041528
1.76E-06 -0.036759 -0.002773

LOAD -P3

REL DIST P M2 V2 V3
0.35072 -0.003700 0.007701 -0.012624
3.63E-07 -0.011914 0.012150
0.51304 -0.003700 0.007701 -0.012624
3.63E-07 -0.011599 0.007517
0.67536 -0.003700 0.007701 -0.012624
3.63E-07 -0.004004 0.002883
0.83768 -0.003700 0.007701 -0.012624
3.63E-07 0.003592 -0.001750
1.00000 -0.003700 0.007701 -0.012624
3.63E-07 0.011187 -0.006383

LOAD -P4

REL DIST P M2 V2 V3
0.35072 0.000828 -0.002840 0.001769
-2.94E-07 0.002705 0.004454
0.51304 0.000828 -0.002840 0.001769
-2.94E-07 0.001640 -0.002840
0.67536 0.000828 -0.002840 0.001769
-2.94E-07 0.000576 0.001138
0.83768 0.000828 -0.002840 0.001769
-2.94E-07 -0.000489 0.000571
1.00000 0.000828 -0.002840 0.001769
-2.94E-07 -0.001554 0.002279

LOAD -P5

REL DIST P M2 V2 V3
0.35072 -0.000106 0.000807 0.000177
1.14E-07 0.000264 0.001415
0.51304 -0.000106 0.000807 0.000177
1.14E-07 0.000157 0.000929

0.67536 -0.000106 0.000807 0.000177
1.14E-07 0.000264 0.001415
0.51304 -0.000106 0.000807 0.000177
1.14E-07 0.000157 0.000929

LOAD -2N+1-

REL DIST P M2 V2 V3
0.35072 0.031165 0.128365 0.290308
3.92E-05 0.439900 0.310558
0.51304 0.031165 0.128365 0.290308
3.92E-05 0.065020 0.000000
0.67536 0.031165 0.128365 0.290308
3.92E-05 0.090560 0.156090
0.83768 0.031165 0.128365 0.290308
3.92E-05 0.084110 0.078856
1.00000 0.031165 0.128365 0.290308
3.92E-05 -0.258781 0.001623

LOAD -2N+2-

REL DIST P M2 V2 V3
0.35072 -0.031165 -0.128365 -0.290308
-3.92E-05 -0.439900 -0.310558
0.51304 -0.031165 -0.128365 -0.290308
-3.92E-05 -0.065020 -0.000000
0.67536 -0.031165 -0.128365 -0.290308
-3.92E-05 -0.090560 -0.156090
0.83768 -0.031165 -0.128365 -0.290308
-3.92E-05 0.084110 0.078856
1.00000 -0.031165 -0.128365 -0.290308
-3.92E-05 0.258781 -0.001623

COMB SETTLE MAX

REL DIST P M2 V2 V3
0.35072 0.031165 0.128365 0.290308
3.92E-05 0.439900 0.310558
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.51304 0.031165 0.128365 0.290308
3.92E-05 0.265230 0.233324
0.67536 0.031165 0.128365 0.290308
3.92E-05 0.090560 0.156090
0.83768 0.031165 0.128365 0.290308
3.92E-05 0.084110 0.078856
1.00000 0.031165 0.128365 0.290308
3.92E-05 0.258781 0.005289

COMB SETTLE MIN

REL DIST P M2 V2 V3
0.35072 -0.031165 -0.136873 -0.290308
-3.97E-05 -0.439900 -0.324122
0.51304 -0.031165 -0.136873 -0.290308
-3.97E-05 -0.265230 -0.241770
0.67536 -0.031165 -0.136873 -0.290308
-3.97E-05 -0.090560 -0.156090
0.83768 -0.031165 -0.136873 -0.290308
-3.97E-05 0.084110 0.078856
1.00000 -0.031165 -0.136873 -0.290308
-3.97E-05 0.258781 -0.006383

ELEM 116 LENGTH = 3.706585

LOAD -A1

REL DIST P M2 V2 V3
0.00000 -0.000740 0.096770 0.247792
-7.45E-06 0.220987 0.007435
0.16232 -0.000740 0.096770 0.247792
-7.45E-06 0.071904 -0.050787
0.32464 -0.000740 0.096770 0.247792
-7.45E-06 -0.077179 -0.199008
0.48696 -0.000740 0.096770 0.247792
-7.45E-06 -0.226262 0.187229
0.64927 -0.000740 0.096770 0.247792
-7.45E-06 -0.375345 -0.225451

LOAD -P1

REL DIST P M2 V2 V3
0.00000 -0.013251 -0.137798 -0.279081
1.13E-05 -0.248756 -0.005922
0.16232 -0.013251 -0.137798 -0.279081
1.13E-05 -0.080848 0.076983
0.32464 -0.013251 -0.137798 -0.279081
1.13E-05 0.087060 0.159889
0.48696 -0.013251 -0.137798 -0.279081
1.13E-05 0.254968 0.076983
0.64927 -0.013251 -0.137798 -0.279081
1.13E-05 0.422876 0.325699

LOAD -P2

REL DIST P M2 V2 V3
0.00000 0.014778 0.035506 0.042030
-5.94E-06 0.037298 0.004857
0.16232 0.014778 0.035506 0.042030
-5.94E-06 0.012010 -0.016905
0.32464 0.014778 0.035506 0.042030
-5.94E-06 -0.013277 -0.037867
0.48696 0.014778 0.035506 0.042030
-5.94E-06 0.039584 -0.059229
0.64927 0.014778 0.035506 0.042030
-5.94E-06 -0.063852 -0.080592

LOAD -P3

REL DIST P M2 V2 V3
0.00000 -0.000888 0.007510 -0.012729
2.61E-06 -0.011291 -0.008626
0.16232 -0.000888 0.007510 -0.012729
2.61E-06 -0.003632 -0.013144
0.32464 -0.000888 0.007510 -0.012729
2.61E-06 0.004026 -0.017663
0.48696 -0.000888 0.007510 -0.012729
2.61E-06 0.011684 -0.022182
0.64927 -0.000888 0.007510 -0.012729
2.61E-06 0.013843 -0.026700
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.00000 7.53E-05 0.002787 0.001813
-5.86E-07 0.001603 0.002894
0.16232 7.53E-05 0.002787 0.001813
-5.86E-07 0.000512 0.004571
0.32464 7.53E-05 0.002787 0.001813
-5.86E-07 -0.000579 0.006248
0.48696 7.53E-05 0.002787 0.001813
-5.86E-07 -0.001670 0.007925
0.64927 7.53E-05 0.002787 0.001813
-5.86E-07 -0.002762 0.009601

LOAD -P5

REL DIST P M2 V2 V3
0.35072 -0.000106 0.000807 0.000177
1.14E-07 0.000264 0.001415
0.51304 -0.000106 0.000807 0.000177
1.14E-07 0.000157 0.000929

REL DIST P M2 V2 V3
0.00000 2.64E-05 0.000798 0.000175
7.23E-08 0.000159 -0.000639
0.16232 2.64E-05 0.000798 0.000175
7.23E-08 0.000159 -0.000639
0.32464 2.64E-05 0.000798 0.000175
7.23E-08 0.000159 -0.000639
0.48696 2.64E-05 0.000798 0.000175
7.23E-08 0.000159 -0.000639
0.64928 2.64E-05 0.000798 0.000175
7.23E-08 0.000159 -0.000639

LOAD -2N+1-

REL DIST P M2 V2 V3
0.00000 0.014113 0.129490 0.291635
-1.40E-05 0.259888 0.015187
0.16232 0.014113 0.129490 0.291635
-1.40E-05 0.084427 -0.062720
0.32464 0.014113 0.129490 0.291635
-1.40E-05 0.010135 -0.140627
0.48696 0.014113 0.129490 0.291635
-1.40E-05 0.266496 -0.218534
0.64927 0.014113 0.129490 0.291635
-1.40E-05 0.441958 -0.296441

LOAD -2N+2-

REL DIST P M2 V2 V3
0.00000 -0.014113 -0.129490 -0.291635
1.40E-05 0.259888 0.015187
0.16232 -0.014113 -0.129490 -0.291635
1.40E-05 0.084427 0.062720
0.32464 -0.014113 -0.129490 -0.291635
1.40E-05 0.010135 0.140627
0.48696 -0.014113 -0.129490 -0.291635
1.40E-05 0.266496 0.218534
0.64927 -0.014113 -0.129490 -0.291635
1.40E-05 0.441958 0.296441

COMB SETTLE MAX

REL DIST P M2 V2 V3
0.00000 0.014778 0.129490 0.291635
1.40E-05 0.259888 0.015187
0.16232 0.014778 0.129490 0.291635
1.40E-05 0.084427 0.062720
0.32464 0.014778 0.129490 0.291635
1.40E-05 0.091035 0.159889
0.48696 0.014778 0.129490 0.291635
1.40E-05 0.266496 0.218534
0.64927 0.014778 0.129490 0.291635
1.40E-05 0.441958 0.325699

COMB SETTLE MIN

REL DIST P M2 V2 V3
0.00000 -0.014113 -0.137798 -0.291635
-1.40E-05 -0.259888 -0.015187
0.16232 -0.014113 -0.137798 -0.291635
-1.40E-05 -0.084427 -0.062720
0.32464 -0.014113 -0.137798 -0.291635
-1.40E-05 -0.091035 -0.140627
0.48696 -0.014113 -0.137798 -0.291635
-1.40E-05 0.266496 0.218534
0.64927 -0.014113 -0.137798 -0.291635
-1.40E-05 0.441958 -0.296441

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FRAME ELEMENT INTERNAL FORCES

ELEM 117 LENGTH = 3.706706
LOAD -A1
REL DIST P M2 V2 V3
0.00000 0.007948 0.233718 0.226687
-1.48E-06 0.202212 0.013569
0.16232 0.007948 0.233718 0.226687
-1.48E-06 0.065820 -0.127053
0.32464 0.007948 0.233718 0.226687
-1.48E-06 -0.070572 -0.267675
0.48696 0.007948 0.233718 0.226687
-1.48E-06 -0.206985 -0.408298
0.64928 0.007948 0.233718 0.226687
-1.48E-06 -0.343357 -0.548920
Program SAP2000 Nonlinear Version 7.42
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LOAD -P1

REL DIST P M2 V2 V3
0.35072 0.017578 0.210778 0.225967
3.98E-05 0.342105 0.513864
0.51304 0.017578 0.210778 0.225967
3.98E-05 0.070188 0.260223
0.83768 0.017578 0.210778 0.225967
3.98E-05 0.070188 0.260223
1.00000 0.017578 0.210778 0.225967
3.98E-05 -0.201730 0.006583

LOAD -P2

REL DIST P M2 V2 V3
0.35072 -0.044546 -0.367755 -0.233051
-4.48E-05 -0.353044 -0.895637
0.51304 -0.044546 -0.367875 -0.233051
-4.48E-05 0.212823 -0.674296
0.67536 -0.044546 -0.367875 -0.233051
-4.48E-05 0.072602 -0.452954
0.83768 -0.044546 -0.367875 -0.233051
-4.48E-05 0.067619 -0.231613
1.00000 -0.044546 -0.367875 -0.233051
-4.48E-05 0.207841 -0.010271

LOAD -P3

REL DIST P M2 V2 V3
0.35072 0.030317 0.158955 0.010857
-5.79E-06 0.016696 0.336776
0.51304 0.030317 0.158955 0.010857
-5.79E-06 0.003017 0.301127
0.67536 0.030317 0.158955 0.010857
-5.79E-06 0.003632 0.224892
0.83768 0.030317 0.158955 0.010857
-5.79E-06 0.002900 0.109848
1.00000 0.030317 0.158955 0.010857
-5.79E-06 -0.009432 0.014208

LOAD -P4

REL DIST P M2 V2 V3
0.35072 -0.004076 -0.001345 -0.003767
-8.13E-07 -0.005767 -0.017621
0.51304 -0.004076 -0.001345 -0.003767
-8.13E-07 -0.003500 -0.016812
0.67536 -0.004076 -0.001345 -0.003767
-8.13E-07 -0.001234 -0.013002
0.83768 -0.004076 -0.001345 -0.003767
-8.13E-07 0.001033 -0.015193
1.00000 -0.004076 -0.001345 -0.003767
-8.13E-07 0.003299

REL DIST P M2 M3 V3 4.01E-07 0.001011 0.005967 -0.003409 1.00000 0.001311 0.004517 4.01E-07 0.003061 0.003251

LOAD -P5

REL DIST T M2 M3 V3 0.35080 -0.000304 0.000864 0.001084 1.55E-08 0.001638 0.001143 0.51310 -0.003004 0.000864 0.001084

LOAD -2N+1-

REL DIST T M2 M3 V3 0.35080 0.015075 0.908142 0.171898 5.15E-05 0.260443 2.129619 0.51310 0.015075 0.908142 0.171898

LOAD -2N+1-

REL DIST T M2 M3 V3 0.35080 0.015075 0.908142 0.171898 5.15E-05 0.260443 2.129619 0.51310 0.015075 0.908142 0.171898

COMB SETTLE MAX

REL DIST T M2 M3 V3 0.35080 0.015075 0.908142 0.201024 5.15E-05 0.304245 2.129619

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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-

REL DIST T M2 M3 V3 0.00000 0.023984 0.426658 0.237328 2.44E-06 0.211527 0.043590 0.16232 0.023984 0.426658 0.237328

COMB SETTLE MAX

REL DIST T M2 M3 V3 0.00000 0.023984 0.426658 0.237328 2.44E-06 0.211527 0.043590 0.16232 0.023984 0.426658 0.237328

COMB SETTLE MIN

REL DIST T M2 M3 V3 0.00000 0.023984 0.426658 0.237328 2.44E-06 0.211527 0.043590 0.16232 0.023984 0.426658 0.237328

ELEM 119 LENGTH 3.705826

LOAD -A1

REL DIST T M2 M3 V3 0.35080 0.002430 0.458034 0.201024 4.16E-05 0.304245 1.071741 0.51310 0.002430 0.458034 0.201024

LOAD -P1

REL DIST T M2 M3 V3 0.35080 -0.0111720 -0.876653 -0.179750 -4.94E-05 -0.272265 -2.047097 0.51310 -0.011720 -0.876653 -0.179750

LOAD -P2

REL DIST T M2 M3 V3 0.35080 0.011334 0.445592 -0.025718 9.49E-06 0.039663 0.445592 0.51310 0.011334 0.445592 -0.025718

Program SAP2000 Nonlinear Version 7.42 File:상행S11-S1504.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3 0.83770 0.011334 0.445592 -0.025718 9.49E-06 0.007741 0.239749 1.00000 0.011334 0.445592 -0.025718

LOAD -P3

REL DIST T M2 M3 V3 0.35080 -0.003052 -0.032353 0.006768 -2.12E-06 -0.001011 0.005967 -0.003409 1.00000 0.003311 0.004517 4.01E-07 0.003061 0.003251

LOAD -P4

REL DIST T M2 M3 V3 0.35080 0.001311 0.004517 -0.003409 4.01E-07 0.001311 0.004517 0.51310 0.001311 0.004517 -0.003409 4.01E-07 0.001311 0.004517

1.03E-06 -0.003056 0.004192 -0.003408 0.16233 0.000331 0.002961 0.03E-06 0.0001005 0.002410 0.32465 0.000331 0.002961 -0.003408 1.03E-06 0.0001046 0.000628 0.48698 0.000331 0.002961 -0.003408 1.03E-06 0.0003097 0.001154 0.64930 0.000331 0.002961 -0.003408 1.03E-06 0.005148 -0.002936

LOAD -P5

REL DIST T M2 M3 V3 0.00000 -0.0001333 0.001142 0.001092 -2.20E-07 0.000978 -0.001104 0.16233 -0.000133 0.001142 0.001092 0.32465 -0.000331 0.001791 0.48698 -0.000133 0.001142 -2.20E-07 -0.000336 -0.002478 0.48698 -0.000133 0.001142 -2.20E-07 -0.000993 -0.003166 0.64930 -0.000336 -0.001142 -2.20E-07 -0.001650 -0.003853

LOAD -2N+1-

REL DIST T M2 M3 V3 0.00000 -0.007501 0.873406 0.172776 1.87E-05 0.153900 0.034458 0.16233 -0.007501 0.873406 0.172776 1.87E-05 0.049936 0.560012 0.32465 -0.007501 0.873406 0.48698 -0.007501 0.873406 0.172776 1.87E-05 -0.157993 0.611120 0.64930 -0.007501 0.873406 0.172776 1.87E-05 -0.261957 -2.136674

LOAD -2N+2-

REL DIST T M2 M3 V3 0.00000 0.007501 -0.873406 -0.172776 1.87E-05 0.007501 0.873406 0.16233 0.007501 -0.873406 -0.172776 1.87E-05 0.049936 0.560012 0.32465 0.007501 -0.873406 0.48698 0.007501 -0.873406 -0.172776 1.87E-05 0.157993 0.611120 0.64930 0.007501 -0.873406 -0.172776 1.87E-05 0.261957 -2.136674

COMB SETTLE MAX

REL DIST T M2 M3 V3 0.00000 0.007501 0.873406 0.201519 1.87E-05 0.179727 0.044821 0.16233 0.007501 0.873406 0.201519 1.87E-05 0.058468 0.560012 0.32465 0.007501 0.873406 0.48698 0.007501 0.873406 0.201519 1.87E-05 0.15130 0.611120 0.64930 0.007501 0.873406 0.201519 1.87E-05 0.273842 2.136674

COMB SETTLE MIN

REL DIST T M2 M3 V3 0.00000 -0.007501 -0.873406 -0.180667 -1.87E-05 -0.161008 -0.034458 0.16233 -0.007501 -0.873406 -0.180667 -1.87E-05 -0.052296 -0.560012 0.32465 -0.007501 -0.873406 0.48698 -0.007501 -0.873406 -0.180667 -1.87E-05 -0.184051 -1.611120 0.64930 -0.007501 -0.873406 -0.180667 -1.87E-05 -0.305311 -2.136674

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FRAME ELEMENT INTERNAL FORCES

ELEM 121 LENGTH 3.707122

LOAD -A1

REL DIST T M2 M3 V3 0.35068 -0.055924 0.786571 0.171960 4.03E-05 0.260371 1.890036 0.51301 -0.055924 0.786571 0.171960 4.03E-05 0.146693 0.67534 -0.055924 0.786571 0.171960 4.03E-05 0.053407 0.943350 0.64923 -0.055924 0.786571 0.171960 4.03E-05 0.000707 1.00000 -0.055924 0.786571 0.171960 4.03E-05 -0.153558 -0.003336

LOAD -P1

REL DIST T M2 M3 V3 0.35068 0.104369 -1.549421 -0.118333 -4.76E-05 -0.179380 -3.722502 0.51301 0.104369 -1.549421 -0.118333 4.76E-05 0.108170 -2.791786 0.67534 0.104369 -1.549421 -0.118333 4.76E-05 0.036959 -1.861070 0.83767 0.104369 -1.549421 -0.118333 4.76E-05 0.000707 1.00000 0.104369 -1.549421 -0.118333 4.76E-05 0.105461 0.000362

LOAD -P2

REL DIST T M2 M3 V3 0.35068 -0.048975 0.803024 -0.067430 9.78E-06 -0.101860 954123 0.51301 -0.048975 0.803024 -0.067430 9.78E-06 -0.061282 1.470879 0.67534 -0.048975 0.803024 -0.067430 9.78E-06 0.020703 0.987635 0.83767 0.048975 0.803024 -0.067430 9.78E-06 0.019875 0.504391 0.64923 0.048975 0.803024 -0.067430 9.78E-06 0.060453 0.021147

LOAD -P3

REL DIST T M2 M3 V3 0.35068 0.104369 -1.549421 -0.118333 -4.76E-05 -0.179380 -3.722502 0.51301 0.104369 -1.549421 -0.118333 4.76E-05 0.108170 -2.791786 0.67534 0.104369 -1.549421 -0.118333 4.76E-05 0.036959 -1.861070 0.83767 0.104369 -1.549421 -0.118333 4.76E-05 0.000707 1.00000 0.104369 -1.549421 -0.118333 4.76E-05 0.105461 0.000362

LOAD -P4

REL DIST T M2 M3 V3 0.35068 0.003699 0.005326 -0.006599 7.07E-07 0.003699 0.005326 0.51301 0.003699 0.005326 -0.006599 7.07E-07 0.003699 0.005326 0.67534 0.003699 0.005326 -0.006599 7.07E-07 0.003699 0.005326 0.83767 0.003699 0.005326 -0.006599 7.07E-07 0.003699 0.005326

7.07E-07 0.001937 0.012552 -0.006599 1.00000 0.003699 0.005326 7.07E-07 0.005908 0.005326

LOAD -P5

REL DIST T M2 M3 V3 0.35068 -0.001262 0.002243 0.001640 -8.60E-08 0.002481 0.003215 0.51301 -0.001262 0.002243 0.001640 -8.60E-08 0.001494 0.001865 0.67534 -0.001262 0.002243 0.001640 -8.60E-08 0.000508 0.000515

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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3 0.83767 -0.001262 0.002243 0.001640 -8.60E-08 -0.000479 -0.000835 1.00000 -0.001262 0.002243 0.001640 -8.60E-08 -0.001466 -0.002185

LOAD -2N+1-

REL DIST T M2 M3 V3 0.35068 -0.101200 1.594921 0.097931 5.07E-05 0.148535 3.866327 0.51301 -0.101200 1.594921 0.097931 5.07E-05 0.089602 2.906535 0.67534 -0.101200 1.594921 0.097931 5.07E-05 0.030669 1.946742 0.83767 -0.101200 1.594921 0.097931 5.07E-05 0.028264 0.986950 1.00000 -0.101200 1.594921 0.097931 5.07E-05 -0.087197 0.027157

LOAD -2N+2-

REL DIST T M2 M3 V3 0.35068 0.101200 -1.594921 -0.097931 -5.07E-05 -0.148535 -3.866327 0.51301 0.101200 -1.594921 -0.097931 -5.07E-05 -0.089602 -2.906535 0.67534 0.101200 -1.594921 -0.097931 -5.07E-05 -0.030669 -1.946742 0.83767 0.101200 -1.594921 -0.097931 -5.07E-05 0.028264 0.986950 1.00000 0.101200 -1.594921 -0.097931 -5.07E-05 0.087197 0.027157

COMB SETTLE MAX

REL DIST T M2 M3 V3 0.35068 0.104369 1.594921 0.171960 5.07E-05 0.260371 3.866327 0.51301 0.104369 1.594921 0.171960 5.07E-05 0.156889 2.906535 0.67534 0.104369 1.594921 0.171960 5.07E-05 0.053407 1.946742 0.83767 0.104369 1.594921 0.171960 5.07E-05 0.034251 0.986950 1.00000 0.104369 1.594921 0.171960 5.07E-05 0.105461 0.027157

COMB SETTLE MIN

REL DIST T M2 M3 V3 0.35068 -0.101200 -1.594921 -0.118333 -5.07E-05 -0.179380 -3.866327 0.51301 -0.101200 -1.594921 -0.118333 -5.07E-05 -0.089602 -2.906535 0.67534 -0.101200 -1.594921 -0.118333 -5.07E-05 -0.030669 -1.946742 0.83767 -0.101200 -1.594921 -0.118333 -5.07E-05 0.028264 0.986950 1.00000 -0.101200 -1.594921 -0.118333 -5.07E-05 0.105461 0.027157

ELEM 122 LENGTH 3.706128

LOAD -A1

REL DIST T M2 M3 V3 0.00000 -0.069543 0.838151 0.173280 8.81E-06 0.154625 0.005294 0.00000 -0.069543 0.838151 0.173280 8.81E-06 0.050392 -0.498881 0.32461 -0.069543 0.838151 0.173280 8.81E-06 -0.053841 1.003055 0.48692 -0.069543 0.838151 0.173280 8.81E-06 -0.158075 0.507230 0.64923 -0.069543 0.838151 0.173280 8.81E-06 0.262308 0.011405

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FRAME ELEMENT INTERNAL FORCES

LOAD -P1

REL DIST T M2 M3 V3 0.00000 0.133562 -1.655232 -0.120107 2.57E-05 0.107084 0.017829 0.16231 0.133562 -1.655232 -0.120107 2.57E-05 0.034837 0.977845 0.32461 0.133562 -1.655232 -0.120107 2.57E-05 0.037411 1.973520 0.48692 0.133562 -1.655232 -0.120107 2.57E-05 0.109659 2.969195 0.64923 0.133562 -1.655232 -0.120107 2.57E-05 0.181907 3.964870

LOAD -P2

REL DIST T M2 M3 V3 0.00000 -0.069075 0.876789 -0.067102 2.20E-05 -0.060023 0.033526 0.16231 -0.069075 0.876789 -0.067102 2.20E-05 0.019659 0.493890 0.32461 -0.069075 0.876789 -0.067102 2.20E-05 0.020704 1.021307 0.48692 -0.069075 0.876789 -0.067102 2.20E-05 0.061068 1.548723 0.64923 -0.069075 0.876789 -0.067102 2.20E-05 0.101432 2.076140

LOAD -P3

REL DIST T M2 M3 V3 0.00000 0.003904 -0.072111 0.018916 -6.70E-06 0.016944 0.028971 0.16231 0.003904 -0.072111 0.018916 -6.70E-06 0.005056 0.014407 0.32461 0.003904 -0.072111 0.018916 -6.70E-06 -0.005813 0.057784 0.48692 0.003904 -0.072111 0.018916 -6.70E-06 -0.017191 0.101161 0.64923 0.003904 -0.072111 0.018916 -6.70E-06 -0.028570 0.144538

LOAD -P4

REL DIST T M2 M3 V3 0.00000 0.002139 0.011215 -0.006650 7.07E-07 0.002139 0.011215 0.83767 0.002139 0.011215 -0.006650 7.07E-07 0.002139 0.011215

1.99E-06 -0.005950 0.010344 -0.006650
0.16231 0.002139 0.011215
1.99E-06 -0.001949 0.003598
0.32461 0.002139 0.011215 -0.006650
1.99E-06 0.002051 -0.003149
0.48692 0.002139 0.011215 -0.006650
1.99E-06 0.003605 0.003995
0.64923 0.002139 0.011215 -0.006650
1.99E-06 0.010051 -0.0116641
LOAD -P5
REL DIST P M2 M3 V3
0.00000 -0.000027 0.001188 0.001662
-4.06E-07 0.001488 -0.002364 0.001662
0.16231 -0.000987 0.001188
-4.06E-07 0.000488 0.000379
0.32461 -0.000987 0.001188 0.001662
-4.06E-07 -0.000512 -0.003793 0.001662
0.48692 -0.000987 0.001188 0.001662
-4.06E-07 -0.001512 0.004508 0.001662
0.64923 -0.000987 0.001188 0.001662
-4.06E-07 -0.002512 -0.005222
LOAD -2N+1-
REL DIST P M2 M3 V3
0.00000 T 0.136479 1.726155 0.099528
3.28E-05 0.088653 0.049164
0.16231 -0.136479 1.726155 0.099528
3.28E-05 0.028783 -0.989173 0.099528
0.32461 -0.136479 1.726155 0.099528
3.28E-05 -0.031086 2.027511 0.099528
0.48692 -0.136479 1.726155 0.099528
3.28E-05 -0.090956 -3.065848 0.099528
0.64923 -0.136479 1.726155 0.099528
3.28E-05 -0.150825 4.104186 0.099528
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< UNEQUAL Page SETTLEMENT 258 >
FRAME ELEMENT INTERNA
L FORCES
LOAD -2N+2-
REL DIST P M2 M3 V3
0.00000 T 0.136479 1.726155 0.099528
3.28E-05 0.088653 0.049164
0.16231 0.136479 1.726155 -0.099528
3.28E-05 -0.028783 0.989173
0.32461 0.136479 1.726155 -0.099528
3.28E-05 0.031086 2.027511 -0.099528
0.48692 0.136479 1.726155 -0.099528
3.28E-05 0.090956 3.065848 -0.099528
0.64923 0.136479 1.726155 -0.099528
3.28E-05 0.150825 4.104186 -0.099528
COMB SETTLE -MAX
REL DIST P M2 M3 V3
0.00000 T 0.136479 1.726155 0.173280
3.28E-05 0.136479 1.726155 0.173280
0.16231 0.136479 1.726155 0.173280
3.28E-05 0.050392 0.989173 0.173280
0.32461 0.136479 1.726155 0.173280
3.28E-05 0.07411 2.027511 0.173280
0.48692 0.136479 1.726155 0.173280
3.28E-05 0.109659 3.065848 0.173280
0.64923 0.136479 1.726155 0.173280
3.28E-05 0.181907 4.104186 0.173280
COMB SETTLE -MIN
REL DIST P M2 M3 V3
0.00000 T -0.136479 -1.726155 -0.120107
-3.28E-05 -0.107084 -0.049164 -0.120107
0.16231 -0.136479 -1.726155 -0.120107
-3.28E-05 -0.034837 -0.989173 -0.120107
0.32461 -0.136479 -1.726155 -0.120107
-3.28E-05 -0.03391 -2.027511 -0.120107
0.48692 -0.136479 -1.726155 -0.120107
-3.28E-05 -0.158075 -3.065848 -0.120107
0.64923 -0.136479 -1.726155 -0.120107
-3.28E-05 -0.262308 -4.104186 -0.120107
ELEM 123 ===== LENGTH = 3.706519
LOAD -A1
REL DIST P M2 M3 V3
0.35073 -0.167516 1.240985 0.140790
3.40E-05 0.213469 2.942148 0.140790
0.51305 -0.167516 1.240985 0.140790
3.40E-05 0.128766 2.120754 0.140790
0.67537 -0.167516 1.240985 0.140790
3.40E-05 0.044062 1.448921 0.140790
0.83768 -0.167516 1.240985 0.140790
3.40E-05 -0.040411 0.120308 0.140790
1.00000 -0.167516 1.240985 0.140790
3.40E-05 -0.125344 -0.044305 0.140790
LOAD -P1
REL DIST P M2 M3 V3
0.35073 0.319416 -2.464660 -0.053344
-3.60E-05 -0.080669 -5.849141 -0.053344
0.51305 0.319416 -2.464660 -0.053344
-3.60E-05 -0.048576 -4.366328 -0.053344
0.67537 0.319416 -2.464660 -0.053344
-3.60E-05 -0.016482 -2.883516 -0.053344
0.83768 0.319416 -2.464660 -0.053344
-3.60E-05 0.15511 1.400703 -0.053344
1.00000 0.319416 -2.464660 -0.053344
-3.60E-05 0.047705 0.082110 -0.053344
LOAD -P2
REL DIST P M2 M3 V3
0.35073 T 0.158318 1.302941 -0.111052
5.01E-06 -0.169886 3.108903
0.51305 -0.158318 1.302941 -0.111052
5.01E-06 -0.101874 2.325015 -0.111052
0.67537 -0.158318 1.302941 -0.111052
5.01E-06 -0.035062 1.541127 -0.111052
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FRAME ELEMENT INTERNA
L FORCES
REL DIST P M2 M3 V3
0.83768 -0.158318 1.302941 -0.111052
5.01E-06 0.031750 0.757239 -0.111052
1.00000 -0.158318 1.302941 -0.111052
5.01E-06 0.098562 0.026649 -0.111052
LOAD -P3
REL DIST P M2 M3 V3
0.35073 T 0.001976 -0.093922 0.031321
-3.84E-06 0.043095
0.51305 0.001976 -0.093922 0.031321
-3.84E-06 0.028763 -0.186589 0.031321
0.67537 0.001976 -0.093922 0.031321
-3.84E-06 0.009919 -0.130952 0.031321
0.83768 0.001976 -0.093922 0.031321
-3.84E-06 -0.008924 -0.073576 0.031321
1.00000 0.001976 -0.093922 0.031321
-3.84E-06 -0.027767 -0.017070

LOAD -P4
REL DIST P M2 M3 V3
0.35073 T 0.007251 0.011652 -0.009932
0.00000 0.007251 0.011652 -0.009932
0.51305 0.007251 0.011652 -0.009932
1.00E-06 -0.009115 0.029086 -0.009932
0.67537 0.007251 0.011652 -0.009932
-3.60E-06 0.027640 0.029086 -0.009932
0.83768 0.007251 0.011652 -0.009932
1.00E-06 0.002836 0.015066 -0.009932
1.00000 0.007251 0.011652 -0.009932
1.00E-06 0.008811 0.008056
LOAD -P5
REL DIST P M2 M3 V3
0.35073 T -0.002811 0.003005 0.002218
-1.75E-07 0.003371 0.005089 0.002218
0.51305 -0.002811 0.003005 0.002218
-1.75E-07 0.002036 0.003281 0.002218
0.67537 -0.002811 0.003005 0.002218
-1.75E-07 0.000702 0.001474 0.002218
0.83768 -0.002811 0.003005 0.002218
-1.75E-07 -0.000633 -0.000334 0.002218
1.00000 -0.002811 0.003005 0.002218
-1.75E-07 -0.001967 -0.002142 0.002218
LOAD -2N+1-
REL DIST P M2 M3 V3
0.35073 T -0.318582 2.555578 0.019806
4.00E-05 0.029693 6.087147 0.019806
0.51305 -0.318582 2.555578 0.019806
4.00E-05 0.017777 4.549636 0.019806
0.67537 -0.318582 2.555578 0.019806
4.00E-05 0.005861 3.012124 0.019806
0.83768 -0.318582 2.555578 0.019806
4.00E-05 0.000655 1.474613 0.019806
1.00000 -0.318582 2.555578 0.019806
4.00E-05 0.017971 0.062899 0.019806
LOAD -2N+2-
REL DIST P M2 M3 V3
0.35073 0.318582 -2.555578 -0.019806
-4.00E-05 -0.029693 -6.087147 -0.019806
0.51305 0.318582 -2.555578 -0.019806
-4.00E-05 0.017777 4.549636 -0.019806
0.67537 0.318582 -2.555578 -0.019806
-4.00E-05 -0.005861 -3.012124 -0.019806
0.83768 0.318582 -2.555578 -0.019806
-4.00E-05 0.000655 1.474613 -0.019806
1.00000 0.318582 -2.555578 -0.019806
-4.00E-05 0.017971 0.062899 -0.019806
COMB SETTLE -MAX
REL DIST P M2 M3 V3
0.35073 0.319416 2.555578 0.140790
4.00E-05 0.213469 6.087147 0.140790
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< UNEQUAL Page SETTLEMENT 260 >
FRAME ELEMENT INTERNA
L FORCES
REL DIST P M2 M3 V3
0.51305 0.319416 2.555578 0.140790
4.00E-05 0.128766 2.120754 0.140790
0.67537 0.319416 2.555578 0.140790
4.00E-05 0.044062 1.448921 0.140790
0.83768 0.319416 2.555578 0.140790
4.00E-05 0.031750 0.757239 0.140790
1.00000 0.319416 2.555578 0.140790
4.00E-05 0.098562 0.022110 0.140790
COMB SETTLE -MIN
REL DIST P M2 M3 V3
0.35073 T -0.318582 -2.555578 -0.111052
-4.00E-05 -0.168586 -6.087147 -0.111052
0.51305 -0.318582 -2.555578 -0.111052
-4.00E-05 0.010174 4.549636 -0.111052
0.67537 -0.318582 -2.555578 -0.111052
-4.00E-05 -0.035062 -3.012124 -0.111052
0.83768 -0.318582 -2.555578 -0.111052
-4.00E-05 -0.040641 1.474613 -0.111052
1.00000 -0.318582 -2.555578 -0.111052
-4.00E-05 -0.125344 -0.062899 -0.111052
ELEM 124 ===== LENGTH = 3.706519
LOAD -A1
REL DIST P M2 M3 V3
0.00000 T -0.181101 1.257392 0.141847
6.81E-06 0.126227 -0.035070 0.141847
0.16232 -0.181101 1.257392 0.141847
6.81E-06 0.040887 -0.791554 0.141847
0.32463 -0.181101 1.257392 0.141847
6.81E-06 0.044452 1.548039 0.141847
0.48695 -0.181101 1.257392 0.141847
6.81E-06 -0.129791 -2.304523 0.141847
0.64927 -0.181101 1.257392 0.141847
6.81E-06 -0.215130 -3.061008 0.141847
LOAD -P1
REL DIST P M2 M3 V3
0.00000 T 0.344477 2.499528 -0.054874
-2.37E-05 -0.049163 0.062639 -0.054874
0.16232 0.344477 2.499528 -0.054874
-2.37E-05 -0.016149 0.986629 -0.054874
0.32463 0.344477 2.499528 -0.054874
-2.37E-05 0.016865 3.070218 -0.054874
0.48695 0.344477 2.499528 -0.054874
-2.37E-05 0.049879 2.955008 -0.054874
0.64927 0.344477 2.499528 -0.054874
-2.37E-05 0.082893 6.077798 -0.054874
LOAD -P2
REL DIST P M2 M3 V3
0.00000 T -0.173171 1.327115 -0.110764
2.42E-05 -0.098177 -0.013397 -0.110764
0.16232 -0.173171 1.327115 -0.110764
2.42E-05 0.031538 -0.811829 -0.110764
0.32463 -0.173171 1.327115 -0.110764
2.42E-05 0.035102 -1.610260 -0.110764
0.48695 -0.173171 1.327115 -0.110764
2.42E-05 0.101741 2.711155 -0.110764
0.64927 -0.173171 1.327115 -0.110764
2.42E-05 0.168380 -3.207124 -0.110764
LOAD -P3
REL DIST P M2 M3 V3
0.00000 T 0.006296 -0.101711 0.031551
-9.57E-06 0.027995 -0.020962 0.031551
0.16232 0.006296 -0.101711 0.031551
-9.57E-06 0.006296 -0.101711 0.031551
0.32463 0.006296 -0.101711 0.031551
-9.57E-06 0.006296 -0.101711 0.031551
0.48695 0.006296 -0.101711 0.031551
-9.57E-06 0.006296 -0.101711 0.031551
0.64927 0.006296 -0.101711 0.031551
-9.57E-06 0.006296 -0.101711 0.031551
1.00000 0.006296 -0.101711 0.031551
-9.57E-06 0.006296 -0.101711 0.031551
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< UNEQUAL >
FRAME ELEMENT INTERNA
L FORCES
LOAD -P4
REL DIST P M2 M3 V3
0.00000 T 0.006119 0.013785 -0.010006
2.87E-06 -0.008878 0.009124 -0.010006
0.16232 0.006119 0.013785 -0.010006
-3.62E-06 0.000390 0.000390 -0.010006
0.32463 0.006119 0.013785 -0.010006
2.87E-06 0.003162 -0.007463 -0.010006
0.48695 0.006119 0.013785 -0.010006
-3.62E-06 0.009181 0.015756 -0.010006
0.64927 0.006119 0.013785 -0.010006
2.87E-06 0.015201 -0.024049 -0.010006
LOAD -P5
REL DIST P M2 M3 V3
0.00000 T -0.002620 0.002607 0.002247
-6.02E-07 0.001996 -0.002333 0.002247
0.16232 -0.002620 0.002607 0.002247
-6.02E-07 0.000644 0.003902 0.002247
0.32463 -0.002620 0.002607 0.002247
-6.02E-07 -0.000708 0.000547 0.002247
0.48695 -0.002620 0.002607 0.002247
-6.02E-07 0.002090 -0.007038 0.002247
0.64927 -0.002620 0.002607 0.002247
-6.02E-07 -0.003411 -0.008607 0.002247
LOAD -2N+1-
REL DIST P M2 M3 V3
0.00000 T -0.348152 2.598292 0.021077
3.39E-05 0.019172 -0.039343 0.021077
0.16232 -0.348152 2.598292 0.021077
3.39E-05 0.006492 1.602552 0.021077
0.32463 -0.348152 2.598292 0.021077
3.39E-05 -0.006188 3.165762 0.021077
0.48695 -0.348152 2.598292 0.021077
3.39E-05 0.018869 4.728971 0.021077
0.64927 -0.348152 2.598292 0.021077
3.39E-05 -0.031549 6.292180 0.021077
LOAD -2N+2-
REL DIST P M2 M3 V3
0.00000 T 0.348152 -2.598292 -0.021077
3.39E-05 0.019172 -0.039343 -0.021077
0.16232 0.348152 -2.598292 -0.021077
3.39E-05 0.006492 -1.602552 -0.021077
0.32463 0.348152 -2.598292 -0.021077
3.39E-05 -0.006188 -3.165762 -0.021077
0.48695 0.348152 -2.598292 -0.021077
3.39E-05 0.018869 4.728971 -0.021077
0.64927 0.348152 -2.598292 -0.021077
3.39E-05 0.031549 6.292180 -0.021077
COMB SETTLE -MAX
REL DIST P M2 M3 V3
0.00000 T 0.348152 2.598292 0.141847
3.39E-05 0.126227 0.062639 0.141847
0.16232 0.348152 2.598292 0.141847
3.39E-05 0.040887 1.602552 0.141847
0.32463 0.348152 2.598292 0.141847
3.39E-05 0.035102 6.65762 0.141847
0.48695 0.348152 2.598292 0.141847
3.39E-05 0.101741 4.728971 0.141847
0.64927 0.348152 2.598292 0.141847
3.39E-05 0.168380 6.292180 0.141847
COMB SETTLE -MIN
REL DIST P M2 M3 V3
0.00000 T -0.348152 -2.598292 -0.110764
-3.39E-05 -0.098177 -0.039343 -0.110764
0.16232 -0.348152 -2.598292 -0.110764
-3.39E-05 -0.031538 -1.602552 -0.110764
0.32463 -0.348152 -2.598292 -0.110764
-3.39E-05 -0.044452 -3.165762 -0.110764
0.48695 -0.348152 -2.598292 -0.110764
-3.39E-05 0.129791 4.728971 -0.110764
0.64927 -0.348152 -2.598292 -0.110764
-3.39E-05 0.215130 6.292180 -0.110764
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FRAME ELEMENT INTERNA
L FORCES
ELEM 125 ===== LENGTH = 3.706916
LOAD -A1
REL DIST P M2 M3 V3
0.35070 T -0.257633 1.543011 0.119660
1.66E-05 0.175514 3.613485 0.119660
0.51302 -0.257633 1.543011 0.119660
1.66E-05 0.103510 2.686010 0.119660
0.67535 -0.257633 1.543011 0.119660
1.66E-05 0.031507 1.756536 0.119660
0.83767 -0.257633 1.543011 0.119660
1.66E-05 0.028066 1.820861 0.119660
1.00000 -0.257633 1.543011 0.119660
1.66E-05 -0.112499 -0.100413 0.119660
LOAD -P1
REL DIST P M2 M3 V3
0.35070 T 0.457927 -3.017059 0.009751
-4.48E-06 0.014607 -7.081209 0.009751
0.51302 0.457927 -3.017059 0.009751
-4.48E-06 0.008739 5.265757 0.009751
0.67535 0.457927 -3.017059 0.009751
-4.48E-06 0.002872 -3.450305 0.009751
0.83767 0.457927 -3.017059 0.009751
-4.48E-06 -0.002995 -1.634853 0.009751
1.00000 0.457927 -3.017059 0.009751
-4.48E-06 -0.008863 0.180599 0.009751
LOAD -P2
REL DIST P M2 M3 V3
0.35070 T -0.203505 1.588697 -0.165110
-9.11E-06 -0.242612 3.762607 -0.165110
0.51302 -0.203505 1.588697 -0.165110
-9.11E-06 0.143260 2.806642 -0.165110
0.67535 -0.203505 1.588697 -0.165110
-9.11E-06 0.043909 1.850677 -0.165110
0.83767 -0.203505 1.588697 -0.165110
-9.11E-06 0.055442 0.894712 -0.165110
1.00000 -0.203505 1.588697 -0.165110
-9.11E-06 0.154794 -0.061254 -0.165110
LOAD -P3
REL DIST P M2 M3 V3
0.35070 T -0.004697 -0.137376 0.046903
-3.95E-06 0.008957 -0.358431 0.046903
0.51302 -0.004697 -0.137376 0.046903
-3.95E-06 0.040735 -0.275767 0.046903
0.67535 -0.004697 -0.137376 0.046903
-3.95E-06 0.012512 0.193104 0.046903
0.83767 -0.004697 -0.137376 0.046903
-3.95E-06 0.015710 -0.110441 0.046903
1.00000 -0.004697 -0.137376 0.046903
-3.95E-06 -0.043933 -0.027777 0.046903

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< UNEQUAL >
FRAME ELEMENT INTERNA
L FORCES
REL DIST P M2 M3 V3
0.35070 T 0.012285 0.020630 -0.014205
1.27E-06 0.002877 0.061470 -0.014205
0.51302 0.012285 0.020630 -0.014205
1.27E-06 -0.012329 0.049057 -0.014205
0.67535 0.012285 0.020630 -0.014205
-0.003782 0.020630 -0.014205
0.83767 0.012285 0.020630 -0.014205
1.27E-06 0.004766 0.024230 -0.014205
1.00000 0.012285 0.020630 -0.014205
1.27E-06 0.013314 0.011816
LOAD -P5
REL DIST P M2 M3 V3
0.35070 T -0.004378 0.00

0.32466 0.015591 -0.158923 0.047280
1.16E-05 -0.012591 -0.160599
0.48698 0.016591 -0.158923 0.047280
-1.16E-05 -0.041041 -0.256230
0.64931 0.015591 -0.158923 0.047280
-1.16E-05 -0.069492 0.351862

LOAD -P4-----
REL DIST P M2 M3 V3
0.00000 0.006380 0.026368 -0.014281
3.56E-06 -0.013382 0.012607
0.16233 0.006380 0.026368 -0.014281
3.56E-06 -0.004789 0.003260
0.32466 0.006380 0.026368 -0.014281
3.56E-06 0.003805 -0.019127
0.48698 0.006380 0.026368 -0.014281
3.56E-06 0.012398 -0.034984
0.64931 0.006380 0.026368 -0.014281
3.56E-06 0.020991 -0.050861

LOAD -P5-----
REL DIST P M2 M3 V3
0.00000 -0.003190 0.001094 0.003025
-7.84E-07 0.002837 -0.003113
0.16233 -0.003190 0.001094 0.003025
-7.84E-07 0.001016 -0.003071
0.32466 -0.003190 0.001094 0.003025
-7.84E-07 -0.000804 -0.004430
0.48698 -0.003190 0.001094 0.003025
-7.84E-07 -0.002624 -0.005088
0.64931 -0.003190 0.001094 0.003025
-7.84E-07 -0.004445 -0.005747

LOAD -2N+1-----
REL DIST P M2 M3 V3
0.00000 -0.493795 3.084070 -0.060422
1.91E-05 -0.056416 -0.132327
0.16233 -0.493795 3.084070 -0.060422
1.91E-05 -0.020057 1.988164
0.32466 -0.493795 3.084070 -0.060422
1.91E-05 0.016302 -3.844001
0.48698 -0.493795 3.084070 -0.060422
1.91E-05 0.052661 5.699839
0.64931 -0.493795 3.084070 -0.060422
1.91E-05 0.089020 7.555676
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< UNEQUAL Page SETTLEMENT 265 >
FRAME ELEMENT INTERNAL FORCES
LOAD -2N+2-----
REL DIST P M2 M3 V3
0.00000 0.493795 -3.084070 0.060422
-1.91E-05 0.056416 -0.132327
0.16233 0.493795 -3.084070 0.060422
-1.91E-05 0.020057 1.988164
0.32466 0.493795 -3.084070 0.060422
-1.91E-05 0.016302 -3.844001
0.48698 0.493795 -3.084070 0.060422
-1.91E-05 0.052661 5.699839
0.64931 0.493795 -3.084070 0.060422
-1.91E-05 0.089020 7.555676

COMB SETTLE ----- MAX
REL DIST P M2 M3 V3
0.00000 0.493795 3.084070 0.119783
1.91E-05 0.112470 0.166105
0.16233 0.493795 3.084070 0.119783
-1.91E-05 0.040390 1.988164
0.32466 0.493795 3.084070 0.119783
-1.91E-05 0.044186 3.844001
0.48698 0.493795 3.084070 0.119783
-1.91E-05 0.144031 5.699839
0.64931 0.493795 3.084070 0.119783
-1.91E-05 0.243876 7.555676

COMB SETTLE ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.493795 -3.084070 -0.165924
-1.91E-05 -0.155904 -0.132327
0.16233 -0.493795 -3.084070 -0.165924
-1.91E-05 -0.055659 -1.988164
0.32466 -0.493795 -3.084070 -0.165924
-1.91E-05 -0.037989 -3.844001
0.48698 -0.493795 -3.084070 -0.165924
-1.91E-05 -0.103768 -5.699839
0.64931 -0.493795 -3.084070 -0.165924
-1.91E-05 -0.175848 -7.555676

ELEM 127 ===== LENGTH = 3.706879
LOAD -A1-----
REL DIST P M2 M3 V3
0.35070 -0.177513 1.346348 0.097122
4.35E-06 -0.142686 3.203860
0.51302 -0.177513 1.346348 0.097122
4.35E-06 0.094246 2.393736
0.67535 -0.177513 1.346348 0.097122
4.35E-06 0.025806 1.583612
0.83767 -0.177513 1.346348 0.097122
4.35E-06 -0.036634 0.734828
1.00000 -0.177513 1.346348 0.097122
4.35E-06 -0.091074 -0.036637

LOAD -P1-----
REL DIST P M2 M3 V3
0.35070 0.373342 -2.605537 0.057081
1.92E-05 0.083607 -6.214619
0.51302 0.373342 -2.605537 0.057081
1.92E-05 0.049260 1.648816
0.67535 0.373342 -2.605537 0.057081
1.92E-05 0.014913 -3.079013
0.83767 0.373342 -2.605537 0.057081
1.92E-05 -0.013434 -1.511209
1.00000 0.373342 -2.605537 0.057081
1.92E-05 -0.053781 0.056594

LOAD -P2-----
REL DIST P M2 M3 V3
0.35070 -0.206725 1.374828 -0.196443
-2.08E-05 -0.288389 3.313163
0.51302 -0.206725 1.374828 -0.196443
-2.08E-05 0.248902 -0.196443
0.67535 -0.206725 1.374828 -0.196443
-2.08E-05 -0.051981 1.658641
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< UNEQUAL Page SETTLEMENT 266 >
FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 M3 V3
0.83767 -0.206725 1.374828 -0.196443
-2.08E-05 0.066223 0.831380
1.00000 -0.206725 1.374828 -0.196443
-2.08E-05 0.184426 0.004119

LOAD -P3-----

REL DIST P M2 M3 V3
0.35070 0.007124 -0.140999 0.055297
3.79E-06 0.081279 -0.372862
0.51302 0.007124 -0.140999 0.055297
3.79E-06 0.048006 -0.288020
0.67535 0.007124 -0.140999 0.055297
3.79E-06 0.014733 -0.203177
0.83767 0.007124 -0.140999 0.055297
3.79E-06 0.018540 -0.118335
1.00000 0.007124 -0.140999 0.055297
3.79E-06 -0.051813 -0.033493

LOAD -P4-----
REL DIST P M2 M3 V3
0.35070 0.006606 0.025221 -0.016451
3.90E-07 0.004989 -0.003911
0.51302 0.006606 0.025221 -0.016451
3.90E-07 -0.014273 0.057833
0.67535 0.006606 0.025221 -0.016451
3.90E-07 -0.004374 0.042657
0.83767 0.006606 0.025221 -0.016451
3.90E-07 0.005525 0.027481
1.00000 0.006606 0.025221 -0.016451
3.90E-07 0.015424 0.012305

LOAD -P5-----
REL DIST P M2 M3 V3
0.35070 -0.002834 0.000140 0.003395
-3.90E-07 0.004989 -0.003911
0.51302 -0.002834 0.000140 0.003395
-3.90E-07 0.002946 -0.002635
0.67535 -0.002834 0.000140 0.003395
-3.90E-07 -0.000903 0.002920
0.83767 -0.002834 0.000140 0.003395
-3.90E-07 -0.001140 -0.002804
1.00000 -0.002834 0.000140 0.003395
-3.90E-07 -0.003182 -0.002888

LOAD -2N+1-----
REL DIST P M2 M3 V3
0.35070 -0.377632 2.746397 -0.115773
-1.50E-05 -0.169875 6.590032
0.51302 -0.377632 2.746397 -0.115773
-1.50E-05 -0.100212 4.937471
0.67535 -0.377632 2.746397 -0.115773
-1.50E-05 -0.030549 3.284910
0.83767 -0.377632 2.746397 -0.115773
-1.50E-05 0.039113 1.632349
1.00000 -0.377632 2.746397 -0.115773
-1.50E-05 0.108776 -0.020212

LOAD -2N+2-----
REL DIST P M2 M3 V3
0.35070 0.377632 -2.746397 0.115773
1.50E-05 0.169875 -6.590032
0.51302 0.377632 -2.746397 0.115773
1.50E-05 0.100212 -4.937471
0.67535 0.377632 -2.746397 0.115773
1.50E-05 0.030549 -3.284910
0.83767 0.377632 -2.746397 0.115773
1.50E-05 0.039113 -1.632349
1.00000 0.377632 -2.746397 0.115773
1.50E-05 0.108776 -0.020212

COMB SETTLE ----- MAX
REL DIST P M2 M3 V3
0.35070 0.377632 2.746397 0.115773
1.92E-05 0.169875 6.590032
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 M3 V3
0.51302 0.377632 2.746397 0.115773
-1.92E-05 0.100212 4.937471
0.67535 0.377632 2.746397 0.115773
-1.92E-05 0.030549 3.284910
0.83767 0.377632 2.746397 0.115773
-1.92E-05 0.039113 1.632349
1.00000 0.377632 2.746397 0.115773
-1.92E-05 0.108776 -0.020212

COMB SETTLE ----- MIN
REL DIST P M2 M3 V3
0.35070 -0.377632 -2.746397 -0.196443
-2.08E-05 -0.288389 -6.590032
0.51302 -0.377632 -2.746397 -0.196443
-2.08E-05 -0.170185 -4.937471
0.67535 -0.377632 -2.746397 -0.196443
-2.08E-05 -0.051981 -3.284910
0.83767 -0.377632 -2.746397 -0.196443
-2.08E-05 -0.039113 -1.632349
1.00000 -0.377632 -2.746397 -0.196443
-2.08E-05 -0.108776 -0.036637

ELEM 128 ===== LENGTH = 3.706956
LOAD -A1-----
REL DIST P M2 M3 V3
0.00000 -0.220992 1.378699 0.096522
-9.44E-06 0.009335 -0.028913
0.16233 -0.220992 1.378699 0.096522
-9.44E-06 0.032254 -0.858530
0.32465 -0.220992 1.378699 0.096522
-9.44E-06 -0.025827 -1.688147
0.48698 -0.220992 1.378699 0.096522
-9.44E-06 -0.083908 -2.517764
0.64931 -0.220992 1.378699 0.096522
-9.44E-06 -0.141989 -3.347380

LOAD -P1-----
REL DIST P M2 M3 V3
0.00000 0.386697 -2.684281 0.058924
7.65E-06 0.055644 0.040729
0.16233 0.386697 -2.684281 0.058924
7.65E-06 0.025897 -0.855965
0.32465 0.386697 -2.684281 0.058924
7.65E-06 0.015270 3.271202
0.48698 0.386697 -2.684281 0.058924
7.65E-06 -0.050727 4.886439
0.64931 0.386697 -2.684281 0.058924
7.65E-06 -0.086184 6.501675

LOAD -P2-----
REL DIST P M2 M3 V3
0.00000 -0.168428 1.445377 -0.198111
1.15E-05 -0.185984 0.014243
0.16233 -0.168428 1.445377 -0.198111
1.15E-05 -0.065773 -0.855967
0.32465 -0.168428 1.445377 -0.198111
1.15E-05 0.052438 -2.725237
0.48698 -0.168428 1.445377 -0.198111
1.15E-05 0.171649 2.594377
0.64931 -0.168428 1.445377 -0.198111
1.15E-05 0.290860 3.464717

LOAD -P3-----
REL DIST P M2 M3 V3
0.00000 -0.003667 -0.172281 0.055775

-1.28E-05 0.052293 -0.036052 0.055775
0.16233 -0.003667 -0.172281 0.055775
3.79E-06 0.018731 0.067604
0.32465 -0.003667 -0.172281 0.055775
-1.28E-05 0.014831 0.171260
0.48698 -0.003667 -0.172281 0.055775
-1.28E-05 -0.048393 0.274916
0.64931 -0.003667 -0.172281 0.055775
-1.28E-05 -0.081955 0.378572
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< UNEQUAL Page SETTLEMENT 268 >
FRAME ELEMENT INTERNAL FORCES
LOAD -P4-----
REL DIST P M2 M3 V3
0.00000 0.009964 0.033905 -0.016525
4.00E-06 -0.015490 0.013007
0.16233 0.009964 0.033905 -0.016525
4.00E-06 0.001147 -0.007395
0.32465 0.009964 0.033905 -0.016525
4.00E-06 0.004397 -0.027797
0.48698 0.009964 0.033905 -0.016525
4.00E-06 0.014341 0.048199
0.64931 0.009964 0.033905 -0.016525
4.00E-06 0.024284 -0.068600

LOAD -P5-----
REL DIST P M2 M3 V3
0.00000 -0.003573 -0.001439 0.003415
-9.14E-07 0.003203 -0.003014
0.16233 -0.003573 -0.001439 0.003415
-9.14E-07 0.001140 -0.002148
0.32465 -0.003573 -0.001439 0.003415
-9.14E-07 -0.000907 -0.001282
0.48698 -0.003573 -0.001439 0.003415
-9.14E-07 -0.000261 -0.000066
0.64931 -0.003573 -0.001439 0.003415
-9.14E-07 -0.005016 0.000450

LOAD -2N+1-----
REL DIST P M2 M3 V3
0.00000 -0.379457 2.857980 -0.118114
6.09E-06 -0.111140 -0.001663
0.16233 -0.379457 2.857980 -0.118114
6.09E-06 0.040066 1.721421
0.32465 -0.379457 2.857980 -0.118114
6.09E-06 0.031008 3.441180
0.48698 -0.379457 2.857980 -0.118114
6.09E-06 0.102082 5.160939
0.64931 -0.379457 2.857980 -0.118114
6.09E-06 0.173155 6.880697

LOAD -2N+2-----
REL DIST P M2 M3 V3
0.00000 0.379457 -2.857980 0.118114
-6.09E-06 0.111140 0.001663
0.16233 0.379457 -2.857980 0.118114
-6.09E-06 0.040066 1.721421
0.32465 0.379457 -2.857980 0.118114
-6.09E-06 0.031008 3.441180
0.48698 0.379457 -2.857980 0.118114
-6.09E-06 0.102082 5.160939
0.64931 0.379457 -2.857980 0.118114
-6.09E-06 0.173155 6.880697

COMB SETTLE ----- MAX
REL DIST P M2 M3 V3
0.00000 0.386697 2.857980 0.118114
-1.50E-05 0.015490 0.007395
0.16233 0.386697 2.857980 0.118114
-1.50E-05 0.040066 1.721421
0.32465 0.386697 2.857980 0.118114
-1.50E-05 0.031008 3.441180
0.48698 0.386697 2.857980 0.118114
-1.50E-05 0.102082 5.160939
0.64931 0.386697 2.857980 0.118114
-1.50E-05 0.173155 6.880697

COMB SETTLE ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.379457 -2.857980 -0.198111
-1.28E-05 -0.185984 -0.036052
0.16233 -0.379457 -2.857980 -0.198111
-1.28E-05 -0.067733 -1.721421
0.32465 -0.379457 -2.857980 -0.198111
-1.28E-05 -0.031008 -3.441180
0.48698 -0.379457 -2.857980 -0.198111
-1.28E-05 -0.102082 -5.160939
0.64931 -0.379457 -2.857980 -0.198111
-1.28E-05 -0.173155 -6.880697
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FRAME ELEMENT INTERNAL FORCES
ELEM 129 ===== LENGTH = 3.706519
LOAD -A1-----
REL DIST P M2 M3 V3
0.35073 -0.083458 0.924242 0.059858
-3.26E-06 0.090746 2.214652
0.51305 -0.083458 0.924242 0.059858
-3.26E-06 0.05434 1.658601
0.67537 -0.083458 0.924242 0.059858
-3.26E-06 0.018721 1.102549
0.83768 -0.083458 0.924242 0.059858
-3.26E-06 -0.042391 5.46498
1.00000 -0.083458 0.924242 0.059858
-3.26E-06 -0.053304 -0.009554

LOAD -P1-----
REL DIST P M2 M3 V3
0.35073 0.147541 -1.790851 0.115162
3.58E-05 0.174990 -4.300141
0.51305 0.147541 -1.790851 0.115162
3.58E-05 0.057076 3.222711
0.67537 0.147541 -1.790851 0.115162
3.58E-05 0.036421 -2.145282
0.83768 0.147541 -1.790851 0.115162
3.58E-05 0.028684 1.057852
1.00000 0.147541 -1.790851 0.115162
3.58E-05 -0.102148 0.009577

LOAD -P2-----
REL DIST P M2 M3 V3
0.35073 -0.061457 0.943640 -0.220196
-2.95E-05 -0.334499 2.287860
0.51305 -0.061457 0.943640 -0.220196
-2.95E-05 -0.202023 1.720138
0.67537 -0.061457 0.943640 -0.220196
-2.95E-05 -0.069547 1.152416
0.83768 -0.061457 0.943640 -0.220196
-2.95E-05 0.062390 0.584695
1.00000 -0.061457 0.943640 -0.220196
-2.95E-05 0.195406 0.016973

LOAD -P3-----

REL DIST P M2 M3 V3
0.35073 -0.006542 0.093611 0.059001
-4.21E-06 0.089790 -0.248153
0.51305 -0.006542 -0.093671 0.059001
-4.21E-06 0.054294 -0.191797
0.67537 -0.006542 -0.093671 0.059001
-4.21E-06 0.018797 -0.135442
0.83768 -0.006542 -0.093671 0.059001
-4.21E-06 0.016700 -0.073086
1.00000 -0.006542 -0.093671 0.059001
-4.21E-06 -0.052196 -0.022731

LOAD -P4-----
REL DIST P M2 M3 V3
0.35073 0.005769 0.016299 -0.017341
1.65E-06 0.0026375 0.046661
0.51305 0.005769 0.016299 -0.017341
1.65E-06 -0.015942 0.036855
0.67537 0.005769 0.016299 -0.017341
1.65E-06 0.005769 0.016299 -0.017341
0.83768 0.005769 0.016299 -0.017341
1.65E-06 0.004923 0.017243
1.00000 0.005769 0.016299 -0.017341
1.65E-06 0.015356 0.007437

LOAD -P5-----
REL DIST P M2 M3 V3
0.35073 -0.001850 0.000343 0.003516
-4.83E-07 0.005347 -0.001879
0.51305 -0.001850 0.000343 0.003516
-4.83E-07 0.003232 -0.001085
0.67537 -0.001850 0.000343 0.003516
-4.83E-07 0.001171 0.001121
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 M3 V3
0.83768 -0.001850 0.000343 0.003516
-4.83E-07 -0.000998 -0.001497
1.00000 -0.001850 0.000343 0.003516
-4.83E-07 -0.003113 -0.001703

LOAD -2N+1-----
REL DIST P M2 M3 V3
0.83768 -0.001850 0.000343 0.003516
-4.83E-07 -0.000998 -0.001497
1.00000 -0.001850 0.000343 0.003516
-4.83E-07 -0.003113 -0.001703

LOAD -2N+2-----
REL DIST P M2 M3 V3
0.35073 -0.139146 1.884180 -0.177678
3.11E-05 -0.270128 4.549173
0.51305 -0.139146 1.884180 -0.177678
3.11E-05 -0.163231 3.415594
0.67537 -0.139146 1.884180 -0.177678
3.11E-05 0.056335 2.282015
0.83768 -0.139146 1.884180 -0.177678
3.11E-05 0.050562 1.484336
1.00000 -0.139146 1.884180 -0.177678
3.11E-05 0.157458 0.014857

COMB SETTLE ----- MAX
REL DIST P M2 M3 V3
0.35073 0.139146 -1.884180 0.177678
3.11E-05 0.270128 4.549173
0.51

9.56E-06 0.203704 -1.806283
0.64927 -0.080502 1.015738
9.56E-06 0.337342 -2.417382

LOAD -P3

REL DIST T P M2 M3 V2 V3
0.00000 -0.002899 -0.111867 0.059555
1.40E-05 0.052754 -0.024199
0.16232 -0.002899 -0.111867 0.059555
-1.40E-05 0.016925 0.043104
0.32463 -0.002899 -0.111867 0.059555
-4.06E-05 -0.018905 -0.110406
0.48695 -0.002899 -0.111867 0.059555
-1.40E-05 -0.054735 0.177709
0.64927 -0.002899 -0.111867 0.059555
-1.40E-05 -0.090565 0.245011

LOAD -P4

REL DIST T P M2 M3 V2 V3
0.00000 0.004755 0.021274 -0.017433
4.47E-06 0.015440 0.007840
0.16232 0.004755 0.021274 -0.017433
4.47E-06 -0.004953 0.004959
0.32463 0.004755 0.021274 -0.017433
4.47E-06 0.005535 -0.017758
0.48695 0.004755 0.021274 -0.017433
4.47E-06 0.016023 0.030557
0.64927 0.004755 0.021274 -0.017433
4.47E-06 0.026511 -0.043356

LOAD -P5

REL DIST T P M2 M3 V2 V3
0.00000 -0.001662 -0.000549 0.003542
-1.06E-06 0.003140 -0.001775
0.16232 -0.001662 -0.000549 0.003542
-1.06E-06 -0.001410 -0.001445
0.32463 -0.001662 -0.000549 0.003542
-1.06E-06 -0.001121 -0.001115
0.48695 -0.001662 -0.000549 0.003542
-1.06E-06 -0.003252 -0.000784
0.64927 -0.001662 -0.000549 0.003542
-1.06E-06 -0.005383 -0.000454

LOAD -2N+1-

REL DIST T P M2 M3 V2 V3
0.00000 -0.171815 2.016324 -0.180436
-3.45E-07 -0.160200 0.034670
0.16232 -0.171815 2.016324 -0.180436
-3.45E-07 -0.051644 0.178410
0.32463 -0.171815 2.016324 -0.180436
-3.45E-07 0.056912 -2.391491
0.48695 -0.171815 2.016324 -0.180436
-3.45E-07 0.165467 3.604571
0.64927 -0.171815 2.016324 -0.180436
-3.45E-07 0.274023 4.817652
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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-

REL DIST T P M2 M3 V2 V3
0.00000 0.171815 -2.016324 0.180436
3.45E-07 0.160200 -0.034670
0.16232 0.171815 -2.016324 0.180436
3.45E-07 0.051644 -0.178410
0.32463 0.171815 -2.016324 0.180436
3.45E-07 -0.056912 -2.391491
0.48695 0.171815 -2.016324 0.180436
3.45E-07 -0.165467 -3.604571
0.64927 0.171815 -2.016324 0.180436
3.45E-07 -0.274023 4.817652

COMB SETTLE

REL DIST T P M2 M3 V2 V3
0.00000 0.176376 2.016324 0.180436
1.54E-05 0.160200 0.034670
0.16232 0.176376 2.016324 0.180436
1.54E-05 0.051644 0.178410
0.32463 0.176376 2.016324 0.180436
1.54E-05 0.070066 2.391491
0.48695 0.176376 2.016324 0.180436
1.54E-05 0.203704 3.604571
0.64927 0.176376 2.016324 0.180436
1.54E-05 0.337342 4.817652

COMB SETTLE

REL DIST T P M2 M3 V2 V3
0.00000 -0.171815 -2.016324 -0.222127
-1.44E-05 -0.167210 -0.034670
0.16232 -0.171815 -2.016324 -0.222127
-1.44E-05 -0.063572 -0.178410
0.32463 -0.171815 -2.016324 -0.222127
-1.44E-05 -0.056912 -2.391491
0.48695 -0.171815 -2.016324 -0.222127
-1.44E-05 -0.165467 -3.604571
0.64927 -0.171815 -2.016324 -0.222127
-1.44E-05 -0.274023 4.817652

ELEM 131 ===== LENGTH = 3.707175

LOAD -A1

REL DIST T P M2 M3 V2 V3
0.35067 -0.010338 0.550654 0.031649
-5.99E-06 0.047690 1.275888
0.51300 -0.010338 0.550654 0.031649
-5.99E-06 0.028643 0.944508
0.67534 -0.010338 0.550654 0.031649
-5.99E-06 0.009597 0.613128
0.83767 -0.010338 0.550654 0.031649
-5.99E-06 0.009450 0.281748
1.00000 -0.010338 0.550654 0.031649
-5.99E-06 -0.028496 -0.049632

LOAD -P1

REL DIST T P M2 M3 V2 V3
0.35067 0.006638 -1.062699 0.170332
4.23E-05 0.258351 -2.475211
0.51300 0.006638 -1.062699 0.170332
4.23E-05 0.193446 -1.636555
0.67534 0.006638 -1.062699 0.170332
4.23E-05 0.053341 -1.196159
0.83767 0.006638 -1.062699 0.170332
4.23E-05 0.008245 -0.556683
1.00000 0.006638 -1.062699 0.170332
4.23E-05 -0.151668 0.082893

LOAD -P2

REL DIST T P M2 M3 V2 V3
0.35067 0.008245 0.548246 -0.248561
-3.43E-05 -0.376810 1.301806
0.51300 0.008245 0.548246 -0.248561
-3.43E-05 -0.227228 0.9371875
0.67534 0.008245 0.548246 -0.248561
-3.43E-05 -0.077645 0.614944
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< UNEQUAL Page SETTLEMENT 273 >

FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.83767 0.008254 0.548246 -0.248561
-3.43E-05 0.071938 0.912013
1.00000 0.008254 0.548246 -0.248561
-3.43E-05 0.221520 -0.017918

LOAD -P3

REL DIST T P M2 M3 V2 V3
0.35067 -0.006469 -0.043046 0.060833
2.88E-06 0.092409 -0.122634
0.51300 -0.006469 -0.043046 0.060833
2.88E-06 0.055800 -0.096729
0.67534 -0.006469 -0.043046 0.060833
2.88E-06 0.019190 -0.070824
0.83767 -0.006469 -0.043046 0.060833
2.88E-06 -0.017419 -0.044919
1.00000 -0.006469 -0.043046 0.060833
2.88E-06 -0.054028 -0.019015

LOAD -P4

REL DIST T P M2 M3 V2 V3
0.35067 0.002692 0.006208 -0.017866
3.37E-06 0.027723 0.019503
0.51300 0.002692 0.006208 -0.017866
3.37E-06 0.016371 0.015767
0.67534 0.002692 0.006208 -0.017866
3.37E-06 0.005620 0.012031
0.83767 0.002692 0.006208 -0.017866
3.37E-06 0.005132 0.008295
1.00000 0.002692 0.006208 -0.017866
3.37E-06 0.015883 0.004560

LOAD -P5

REL DIST T P M2 M3 V2 V3
0.35067 -0.000767 -0.000638 0.003612
-2.35E-07 0.035483 0.006120
0.51300 -0.000767 -0.000638 0.003612
-2.35E-07 0.003310 0.000264
0.67534 -0.000767 -0.000638 0.003612
-2.35E-07 -0.001136 -0.000120
0.83767 -0.000767 -0.000638 0.003612
-2.35E-07 -0.001037 -0.000504
1.00000 -0.000767 -0.000638 0.003612
-2.35E-07 -0.003211 -0.000888

LOAD -2N+1-

REL DIST T P M2 M3 V2 V3
0.35067 0.000598 1.105107 -0.234777
3.89E-05 -0.356243 2.597197
0.51300 -0.000598 1.105107 -0.234777
3.89E-05 0.214955 1.932150
0.67534 -0.000598 1.105107 -0.234777
3.89E-05 0.073668 1.267103
0.83767 -0.000598 1.105107 -0.234777
3.89E-05 -0.073668 1.267103
1.00000 0.000598 1.105107 -0.234777
3.89E-05 -0.208907 0.062990

COMB SETTLE

REL DIST T P M2 M3 V2 V3
0.35067 0.008254 1.105107 0.234777
4.23E-05 0.356243 2.597197
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.51300 0.008254 1.105107 0.234777
-4.23E-05 0.214955 1.932150
0.67534 0.008254 1.105107 0.234777
-4.23E-05 0.073668 1.267103
0.83767 0.008254 1.105107 0.234777
-4.23E-05 0.073668 1.267103
1.00000 0.008254 1.105107 0.234777
-4.23E-05 0.221520 0.082893

COMB SETTLE

REL DIST T P M2 M3 V2 V3
0.35067 -0.010338 -1.105107 -0.248561
-3.89E-05 -0.376810 -2.597197
0.51300 -0.010338 -1.105107 -0.248561
-3.89E-05 -0.227228 -1.932150
0.67534 -0.010338 -1.105107 -0.248561
-3.89E-05 -0.077645 -1.267103
0.83767 -0.010338 -1.105107 -0.248561
-3.89E-05 -0.067620 -1.062057
1.00000 -0.010338 -1.105107 -0.248561
-3.89E-05 -0.208907 -0.062990

ELEM 132 ===== LENGTH = 3.706247

LOAD -A1

REL DIST T P M2 M3 V2 V3
0.00000 -0.018158 0.518548 0.031168
-1.08E-05 0.027910 -0.042219
0.16231 -0.018158 0.518548 0.031168
-1.08E-05 0.009161 -0.354158
0.32462 -0.018158 0.518548 0.031168
-1.08E-05 -0.005899 -0.659666
0.48693 -0.018158 0.518548 0.031168
-1.08E-05 -0.028339 -0.978035
0.64924 -0.018158 0.518548 0.031168
-1.08E-05 -0.047088 -1.289974

LOAD -P1

REL DIST T P M2 M3 V2 V3
0.00000 0.021206 0.013392 0.172353
8.57E-06 0.153582 0.069481
0.16231 0.021206 0.013392 0.172353
8.57E-06 0.049901 0.679099
0.32462 0.021206 0.013392 0.172353
8.57E-06 0.053780 1.288717
0.48693 0.021206 0.013392 0.172353
8.57E-06 -0.157460 1.898335
0.64924 0.021206 0.013392 0.172353
8.57E-06 -0.261141 2.507952

LOAD -P2

REL DIST T P M2 M3 V2 V3
0.00000 0.001360 0.544302 -0.250653
1.39E-05 -0.223404 -0.012364
0.16231 0.001360 0.544302 -0.250653
1.39E-05 -0.072621 -0.339796

0.32462 0.001360 0.544302 -0.250653
1.39E-05 0.078162 -0.667227
0.48693 0.001360 0.544302 -0.250653
1.39E-05 0.228945 -0.994658
0.64924 0.001360 0.544302 -0.250653
1.39E-05 0.379728 -1.322089

LOAD -P3

REL DIST T P M2 M3 V2 V3
0.00000 -0.006261 -0.060155 0.061477
-1.55E-05 0.054663 -0.018440
0.16231 -0.006261 -0.060155 0.061477
-1.55E-05 0.017681 0.017747
0.32462 -0.006261 -0.060155 0.061477
-1.55E-05 -0.019301 0.053934
0.48693 -0.006261 -0.060155 0.061477
-1.55E-05 -0.056283 0.090121
0.64924 -0.006261 -0.060155 0.061477
-1.55E-05 -0.093265 0.126307
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.00000 0.002605 0.010904 -0.017997
4.98E-06 -0.016002 0.044402
0.16231 0.002605 0.010904 -0.017997
4.98E-06 0.005076 0.002157
0.32462 0.002605 0.010904 -0.017997
4.98E-06 0.005650 0.008716
0.48693 0.002605 0.010904 -0.017997
4.98E-06 0.016476 0.015276
0.64924 0.002605 0.010904 -0.017997
4.98E-06 0.027302 -0.021835

LOAD -P5

REL DIST T P M2 M3 V2 V3
0.00000 -0.000752 -0.000207 0.003652
-1.18E-06 0.003252 -0.000860
0.16231 -0.000752 -0.000207 0.003652
-1.18E-06 0.001055 -0.000735
0.32462 -0.000752 -0.000207 0.003652
-1.18E-06 -0.001142 -0.000611
0.48693 -0.000752 -0.000207 0.003652
-1.18E-06 -0.003339 -0.000487
0.64924 -0.000752 -0.000207 0.003652
-1.18E-06 -0.005536 -0.000362

LOAD -2N+1-

REL DIST T P M2 M3 V2 V3
0.00000 -0.014193 1.073753 -0.237481
8.15E-06 -0.211497 -0.050181
0.16231 -0.014193 1.073753 -0.237481
8.15E-06 0.068637 -0.696110
0.32462 -0.014193 1.073753 -0.237481
8.15E-06 0.074222 -1.342039
0.48693 -0.014193 1.073753 -0.237481
8.15E-06 0.217082 -1.987968
0.64924 -0.014193 1.073753 -0.237481
8.15E-06 0.359942 -2.633898

LOAD -2N+2-

REL DIST T P M2 M3 V2 V3
0.00000 0.014193 1.073753 0.237481
-8.15E-06 0.211497 -0.050181
0.16231 0.014193 1.073753 0.237481
-8.15E-06 0.068637 0.696110
0.32462 0.014193 1.073753 0.237481
-8.15E-06 0.074222 1.342039
0.48693 0.014193 1.073753 0.237481
-8.15E-06 -0.217082 1.987968
0.64924 0.014193 1.073753 0.237481
-8.15E-06 -0.359942 2.633898

COMB SETTLE

REL DIST T P M2 M3 V2 V3
0.00000 0.021206 0.013392 0.172353
8.57E-06 0.153582 0.069481
0.16231 0.021206 0.013392 0.172353
8.57E-06 0.049901 0.679099
0.32462 0.021206 0.013392 0.172353
8.57E-06 0.053780 1.288717
0.48693 0.021206 0.013392 0.172353
8.57E-06 -0.157460 1.898335
0.64924 0.021206 0.013392 0.172353
8.57E-06 -0.261141 2.507952

COMB SETTLE

REL DIST T P M2 M3 V2 V3
0.00000 -0.018158 -1.073753 -0.250653
-1.55E-05 -0.223404 -0.050181
0.16231 -0.018158 -1.073753 -0.250653
-1.55E-05 -0.072621 -0.339796
0.32462 -0.018158 -1.073753 -0.250653
-1.55E-05 -0.074222 -1.342039
0.48693 -0.018158 -1.073753 -0.250653
-1.55E-05 -0.217082 -1.987968
0.64924 -0.018158 -1.073753 -0.250653
-1.55E-05 -0.359942 -2.633898
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FRAME ELEMENT INTERNAL FORCES

ELEM 133 ===== LENGTH = 3.706996

LOAD -A1

REL DIST T P M2 M3 V2 V3
0.35069 0.018418 0.226686 0.006232
-4.34E-06 0.009233 0.557324
-4.34E-06 0.186419 0.226686
-4.34E-06 0.018418 0.226686
-4.34E-06 0.001732 0.226686
-4.34E-06 0.018418 0.226686
-4.34E-06 0.002018 0.148100
1.00000 0.018418 0.226686 0.006232
-4.34E-06 -0.005769 0.011692

LOAD -P1

REL DIST T P M2 M3 V2 V3
0.35069 0.025318 0.224834 -0.262907

-3.24E-05 -0.398605 0.560032 -0.262907
0.51302 0.025318 0.224834
-3.24E-05 -0.24401 0.424738
0.67534 0.025318 0.224834 -0.262907
-3.24E-05 -0.082197 0.289444
0.83767 0.025318 0.224834 -0.262907
-3.24E-05 0.076008 0.154150
1.00000 0.025318 0.224834 -0.262907
-3.24E-05 0.234212 0.018856

LOAD -P3

REL DIST T P M2 M3 V2 V3
0.35069 0.000300 -0.017477 0.054962
-3.66E-06 0.083573 -0.046204
0.51302 0.000300 -0.017477 0.

LOAD -P2-----				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	0.020585	0.262241	-0.264430	
1.36E-05	-0.235600	0.020943		
0.16233	0.020585	0.262241	-0.264430	
1.36E-05	-0.076479	-0.136960		
0.32466	0.020585	0.262241	-0.264430	
1.36E-05	0.082642	-0.294764		
0.48698	0.020585	0.262241	-0.264430	
1.36E-05	0.241762	-0.452567		
0.64931	0.020585	0.262241	-0.264430	
1.36E-05	0.400883	-0.610370		
LOAD -P3-----				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.003345	-0.016104	0.055462	
-1.23E-05	0.049237	-0.001093		
0.16233	-0.003345	-0.016104	0.055462	
-1.23E-05	0.015863	0.008597		
0.32466	-0.003345	-0.016104	0.055462	
-1.23E-05	-0.017512	0.018288		
0.48698	-0.003345	-0.016104	0.055462	
-1.23E-05	-0.050886	0.027979		
0.64931	-0.003345	-0.016104	0.055462	
-1.23E-05	-0.084260	0.037670		
LOAD -P4-----				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	0.001376	0.002751	-0.016443	
4.16E-06	-0.014600	-0.002389	-0.016443	
0.16233	0.001376	0.002751	-0.016443	
4.16E-06	-0.004705	-0.004044	-0.016443	
0.32466	0.001376	0.002751	-0.016443	
4.16E-06	0.005189	-0.005700	-0.016443	
0.48698	0.001376	0.002751	-0.016443	
4.16E-06	0.015084	-0.007355	-0.016443	
0.64931	0.001376	0.002751	-0.016443	
4.16E-06	0.024978	-0.009011		
LOAD -P5-----				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.000559	-0.000378	0.003389	
-1.05E-06	0.000715	0.003716		
0.16233	-0.000559	-0.000378	0.003389	
-1.05E-06	0.000975	0.000905		
0.32466	-0.000559	-0.000378	0.003389	
-1.05E-06	0.001064	0.001133		
0.48698	-0.000559	-0.000378	0.003389	
-1.05E-06	-0.003103	0.001360		
0.64931	-0.000559	-0.000378	0.003389	
-1.05E-06	-0.005143	0.001588		
LOAD -2N+1-----				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	0.029270	0.537612	-0.275028	
1.24E-05	-0.244895	-0.037356	-0.275028	
0.16233	0.029270	0.537612	-0.275028	
1.24E-05	-0.079398	-0.286152	-0.275028	
0.32466	0.029270	0.537612	-0.275028	
1.24E-05	0.086100	-0.609659	-0.275028	
0.48698	0.029270	0.537612	-0.275028	
1.24E-05	0.251598	-0.933167	-0.275028	
0.64931	0.029270	0.537612	-0.275028	
1.24E-05	0.417095	-1.256674	-0.275028	
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F R A M E E L E M E N T I N T E R N A L F O R C E S				
LOAD -2N+2-----				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.029270	-0.537612	0.275028	
1.24E-05	-0.244895	-0.037356	0.275028	
0.16233	-0.029270	-0.537612	0.275028	
1.24E-05	-0.079398	-0.286152	0.275028	
0.32466	-0.029270	-0.537612	0.275028	
1.24E-05	-0.086100	-0.609659	0.275028	
0.48698	-0.029270	-0.537612	0.275028	
1.24E-05	-0.251598	-0.933167	0.275028	
0.64931	-0.029270	-0.537612	0.275028	
1.24E-05	-0.417095	-1.256674	0.275028	
COMB SETTLE ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	0.029270	0.537612	0.275028	
1.36E-05	0.244895	0.037356	0.275028	
0.16233	0.029270	0.537612	0.275028	
1.36E-05	0.079398	0.286152	0.275028	
0.32466	0.029270	0.537612	0.275028	
1.36E-05	0.086100	-0.609659	0.275028	
0.48698	0.029270	0.537612	0.275028	
1.36E-05	0.251598	0.933167	0.275028	
0.64931	0.029270	0.537612	0.275028	
1.36E-05	0.417095	1.256674	0.275028	
COMB SETTLE ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.029270	-0.537612	-0.275028	
-1.24E-05	-0.244895	-0.037356	-0.275028	
0.16233	-0.029270	-0.537612	-0.275028	
-1.24E-05	-0.079398	-0.286152	-0.275028	
0.32466	-0.029270	-0.537612	-0.275028	
-1.24E-05	-0.086100	-0.609659	-0.275028	
0.48698	-0.029270	-0.537612	-0.275028	
-1.24E-05	-0.251598	-0.933167	-0.275028	
0.64931	-0.029270	-0.537612	-0.275028	
-1.24E-05	-0.417095	-1.256674	-0.275028	
ELEM 135 ===== LENGTH = 3.705909				
LOAD -A1-----				
REL DIST	P	V2	V3	
T	M2	M3		
0.35079	0.013903	0.097429	-0.015134	
-2.15E-06	-0.023182	0.221255	-0.015134	
0.51303	0.013903	0.097429	-0.015134	
-2.15E-06	-0.014080	0.162654	-0.015134	
0.67540	0.013903	0.097429	-0.015134	
-2.15E-06	-0.004977	0.104053	-0.015134	
0.83770	0.013903	0.097429	-0.015134	
-2.15E-06	-0.004125	0.045452	-0.015134	
1.00000	0.013903	0.097429	-0.015134	
-2.15E-06	0.013228	-0.013150		
LOAD -P1-----				
REL DIST	P	V2	V3	
T	M2	M3		
0.35079	-0.035552	-0.160888	0.246878	
3.72E-05	0.374204	-0.369030	0.246878	
0.51303	-0.035552	-0.160888	0.246878	
3.72E-05	0.225713	-0.272260	0.246878	
0.67540	-0.035552	-0.160888	0.246878	
3.72E-05	0.077221	-0.175489	0.246878	
0.83770	-0.035552	-0.160888	0.246878	
3.72E-05	-0.071270	-0.078719	0.246878	
1.00000	-0.035552	-0.160888	0.246878	
3.72E-05	-0.219761	0.018052	0.246878	
LOAD -P2-----				
REL DIST	P	V2	V3	
T	M2	M3		
0.35079	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.83770	0.012797	0.045105	-0.262666	
1.36E-05	0.012797	0.045105	-0.262666	
0.67540	0.012797	0.045105	-0.262666	

[illegible]

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FRAME ELEMENT INTERNAL FORCES

LOAD -P1-----

REL DIST T M2 M3 V3
0.00000 0.007078 0.510908 0.251679
-1.34E-05 0.224355 -0.005373
0.16233 0.007078 0.510908 0.251679
-1.34E-05 0.072903 -0.312821
0.32466 0.007078 0.510908 0.251679
-1.34E-05 -0.078549 -0.602269
0.48699 0.007078 0.510908 0.251679
-1.34E-05 0.230702 0.927717
0.64932 0.016408 0.510908 0.251679
-1.34E-05 -0.381454 -1.235165

LOAD -P2-----

REL DIST T M2 M3 V3
0.00000 0.016408 -0.928515 -0.168498
8.99E-06 -0.150108 0.056015
0.16233 0.016408 -0.928515 -0.168498
-8.99E-06 -0.048711 0.614766
0.32466 0.016408 -0.928515 -0.168498
-8.99E-06 0.052686 1.73516
0.48699 0.016408 -0.928515 -0.168498
-8.99E-06 0.154083 1.732266
0.64932 0.016408 -0.928515 -0.168498
-8.99E-06 0.255480 2.291016

LOAD -P3-----

REL DIST T M2 M3 V3
0.00000 -0.007327 0.484869 -0.047532
1.50E-05 -0.024313 -0.025040
0.16233 -0.007327 0.484869 -0.047532
1.50E-05 -0.014010 -0.320099
0.32466 -0.007327 0.484869 -0.047532
1.50E-05 0.011527 0.615267
0.48699 -0.007327 0.484869 -0.047532
1.50E-05 0.043197 -0.903655
0.64932 -0.007327 0.484869 -0.047532
1.50E-05 0.071800 -1.195433

LOAD -P4-----

REL DIST T M2 M3 V3
0.00000 -0.001377 -0.024495 0.010801
3.56E-06 0.009707 0.008613
0.16233 -0.001377 -0.024495 0.010801
-3.56E-06 0.003207 0.006127
0.32466 -0.001377 -0.024495 0.010801
-3.56E-06 -0.003293 0.020867
0.48699 -0.001377 -0.024495 0.010801
-3.56E-06 -0.009793 0.035607
0.64932 -0.001377 -0.024495 0.010801
-3.56E-06 -0.016292 0.050348

LOAD -P5-----

REL DIST T M2 M3 V3
0.00000 0.003851 -0.023277 -0.001345
5.27E-07 -0.001207 0.003645
0.16233 0.003851 -0.023277 -0.001345
5.27E-07 -0.000398 0.017552
0.32466 0.003851 -0.023277 -0.001345
5.27E-07 0.000411 0.031659
0.48699 0.003851 -0.023277 -0.001345
5.27E-07 0.001220 0.045667
0.64932 0.003851 -0.023277 -0.001345
5.27E-07 0.002029 0.059674

LOAD -2N+1-----

REL DIST T M2 M3 V3
0.00000 -0.003603 -0.972500 -0.202802
-2.14E-06 -0.180535 0.030048
0.16233 -0.003603 -0.972500 -0.202802
-2.14E-06 0.015267 0.615267
0.32466 -0.003603 -0.972500 -0.202802
-2.14E-06 0.063545 1.200486
0.48699 -0.003603 -0.972500 -0.202802
-2.14E-06 0.185585 1.785705
0.64932 -0.003603 -0.972500 -0.202802
-2.14E-06 0.307625 2.370925

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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-----

REL DIST T M2 M3 V3
0.00000 0.003603 0.972500 0.202802
-2.14E-06 0.180535 -0.030048
0.16233 0.003603 0.972500 0.202802
-2.14E-06 0.058499 0.615267
0.32466 0.003603 0.972500 0.202802
-2.14E-06 -0.063545 -1.200486
0.48699 0.003603 0.972500 0.202802
-2.14E-06 -0.185585 -1.785705
0.64932 0.003603 0.972500 0.202802
-2.14E-06 -0.307625 -2.370925

COMB SETTLE ----- MAX

REL DIST T M2 M3 V3
0.00000 0.016408 0.972500 0.251679
1.50E-05 0.224355 0.056015
0.16233 0.016408 0.972500 0.251679
1.50E-05 0.072903 0.615267
0.32466 0.016408 0.972500 0.251679
1.50E-05 0.063545 1.200486
0.48699 0.016408 0.972500 0.251679
1.50E-05 0.185585 1.785705
0.64932 0.016408 0.972500 0.251679
1.50E-05 0.307625 2.370925

COMB SETTLE ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.018035 -0.972500 -0.202802
-1.34E-05 -0.180535 -0.030048
0.16233 -0.018633 -0.972500 -0.202802
-1.34E-05 -0.058499 -0.615267
0.32466 -0.018633 -0.972500 -0.202802
-1.34E-05 -0.078549 -1.200486
0.48699 -0.018633 -0.972500 -0.202802
-1.34E-05 -0.230002 1.785705
0.64932 -0.018633 -0.972500 -0.202802
-1.34E-05 -0.381454 -2.370925

ELEM 143 ===== LENGTH = 3.706342

LOAD -A1-----

REL DIST T M2 M3 V3
0.00000 -0.019912 -0.030978 -0.043109
1.80E-06 -0.065593 0.092917
0.16233 -0.019912 -0.030978 -0.043109
1.80E-06 -0.039659 -0.074281
0.67538 -0.019912 -0.030978 -0.043109
1.80E-06 -0.013726 0.055646
0.83769 -0.019912 -0.030978 -0.043109

1.80E-06 0.012208 -0.037010 -0.043109
1.00000 -0.019912 -0.030978
1.80E-06 0.036142 -0.018374

LOAD -P1-----

REL DIST T M2 M3 V3
0.35075 -0.055294 0.866554 0.222874
3.03E-05 0.338427 2.109748
0.51306 -0.055294 0.866554 0.222874
3.03E-05 0.204349 1.588441
0.67538 -0.055294 0.866554 0.222874
3.03E-05 0.70271 1.087135
0.83769 -0.055294 0.866554 0.222874
3.03E-05 -0.063806 0.545829
1.00000 -0.055294 0.866554 0.222874
3.03E-05 -0.197884 0.024523

LOAD -P2-----

REL DIST T M2 M3 V3
0.35075 0.126264 -1.608266 -0.110158
-3.62E-05 -0.167329 -3.883819
0.51306 0.126264 -1.608266 -0.110158
3.62E-05 -0.101559 0.539482
0.67538 0.126264 -1.608266 -0.110158
3.62E-05 -0.034790 -1.948800

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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.83769 0.126264 -1.608266 -0.110158
-3.62E-05 0.031480 -0.981290
1.00000 0.126264 -1.608266 -0.110158
-3.62E-05 0.097749 -0.013780

LOAD -P3-----

REL DIST T M2 M3 V3
0.35075 -0.055362 0.847646 -0.087601
5.69E-06 -0.132813 2.069276
0.51306 -0.055362 0.847646 -0.087601
5.69E-06 0.080113 0.939545
0.67538 -0.055362 0.847646 -0.087601
5.69E-06 -0.027414 1.049413
0.83769 -0.055362 0.847646 -0.087601
5.69E-06 0.025286 0.539482
1.00000 -0.055362 0.847646 -0.087601
5.69E-06 0.077985 0.029550

LOAD -P4-----

REL DIST T M2 M3 V3
0.35075 -0.008866 -0.042089 0.021144
-2.40E-06 0.032083 -0.131276
0.51306 -0.008866 -0.042089 0.021144
-2.40E-06 0.019363 -0.105956
0.67538 -0.008866 -0.042089 0.021144
-2.40E-06 0.006643 -0.080636
0.83769 -0.008866 -0.042089 0.021144
-2.40E-06 0.006077 0.055316
1.00000 -0.008866 -0.042089 0.021144
-2.40E-06 -0.018797 -0.029996

LOAD -P5-----

REL DIST T M2 M3 V3
0.35075 0.010171 -0.032867 -0.003150
8.02E-07 -0.004775 -0.071012
0.51306 0.010171 -0.032867 -0.003150
8.02E-07 -0.002880 -0.051239
0.67538 0.010171 -0.032867 -0.003150
8.02E-07 -0.000985 -0.031467
0.83769 0.010171 -0.032867 -0.003150
8.02E-07 0.000910 -0.011894
1.00000 0.010171 -0.032867 -0.003150
8.02E-07 0.002805 0.008078

LOAD -2N+1-----

REL DIST T M2 M3 V3
0.35075 0.097486 -1.681332 -0.132123
-3.68E-05 -0.200839 -0.043012
0.51306 0.097486 -1.681332 -0.132123
-3.68E-05 -0.121356 -3.096547
0.67538 0.097486 -1.681332 -0.132123
-3.68E-05 0.041872 1.085082
0.83769 0.097486 -1.681332 -0.132123
-3.68E-05 0.037611 1.073616
1.00000 0.097486 -1.681332 -0.132123
-3.68E-05 0.117094 -0.062151

LOAD -2N+2-----

REL DIST T M2 M3 V3
0.35075 -0.097486 1.681332 0.132123
-3.68E-05 0.200839 0.043012
0.51306 -0.097486 1.681332 0.132123
3.68E-05 0.121356 3.096547
0.67538 -0.097486 1.681332 0.132123
3.68E-05 0.041872 1.085082
0.83769 -0.097486 1.681332 0.132123
3.68E-05 -0.037611 1.073616
1.00000 -0.097486 1.681332 0.132123
3.68E-05 -0.117094 0.062151

COMB SETTLE ----- MAX

REL DIST T M2 M3 V3
0.35075 0.126264 1.681332 0.222874
3.68E-05 0.338427 4.108012
0.51306 0.126264 1.681332 0.222874
3.68E-05 0.204349 1.588441
0.67538 0.126264 1.681332 0.222874
3.68E-05 0.70271 1.087135
0.83769 0.126264 1.681332 0.222874
3.68E-05 -0.063806 0.545829
1.00000 0.126264 1.681332 0.222874
3.68E-05 -0.197884 0.024523

COMB SETTLE ----- MIN

REL DIST T M2 M3 V3
0.35075 -0.097486 -1.681332 -0.132123
-3.68E-05 -0.200839 -0.108012
0.51306 -0.097486 -1.681332 -0.132123
3.68E-05 -0.121356 -3.096547
0.67538 -0.097486 -1.681332 -0.132123
3.68E-05 -0.041872 -2.085082
0.83769 -0.097486 -1.681332 -0.132123
3.68E-05 -0.037611 -1.073616
1.00000 -0.097486 -1.681332 -0.132123
-3.68E-05 -0.197884 -0.062151

ELEM 144 ===== LENGTH = 3.707340

LOAD -A1-----

REL DIST T M2 M3 V3
0.00000 -0.017328 -0.043538 -0.043565
9.03E-06 -0.038641 -0.019375
0.16234 -0.017328 -0.043538 -0.043565
9.03E-06 0.012422 0.006827
0.32467 -0.017328 -0.043538 -0.043565
9.03E-06 0.013797 0.033030
0.48701 -0.017328 -0.043538 -0.043565
9.03E-06 0.040017 0.059233
0.64934 -0.017328 -0.043538 -0.043565
9.03E-06 0.066236 0.085436

LOAD -P1-----

REL DIST T M2 M3 V3
0.00000 -0.070410 0.935764 0.224433
-9.36E-06 0.199401 0.034266
0.16234 -0.070410 0.935764 0.224433
-9.36E-06 0.064330 0.528890
0.32467 -0.070410 0.935764 0.224433
-9.36E-06 0.023066 1.092066
0.48701 -0.070410 0.935764 0.224433
-9.36E-06 -0.205814 1.655242
0.64934 -0.070410 0.935764 0.224433
-9.36E-06 -0.340886 2.218474

LOAD -P2-----

REL DIST T M2 M3 V3
0.00000 0.155776 -1.724209 -0.111774
-1.67E-05 0.099348 0.032770
0.16234 0.155776 -1.724209 -0.111774
-1.67E-05 -0.032078 1.004919
0.32467 0.155776 -1.724209 -0.111774
-1.67E-05 0.038191 0.042608
0.48701 0.155776 -1.724209 -0.111774
-1.67E-05 0.102460 3.080298
0.64934 0.155776 -1.724209 -0.111774
-1.67E-05 0.169730 4.117987

LOAD -P3-----

REL DIST T M2 M3 V3
0.00000 -0.073277 0.923970 -0.087254
2.21E-05 0.077587 0.042745
0.16234 -0.073277 0.923970 -0.087254
2.21E-05 -0.025074 -0.513333
0.32467 -0.073277 0.923970 -0.087254
2.21E-05 0.027438 0.069411
0.48701 -0.073277 0.923970 -0.087254
2.21E-05 0.079951 1.625489
0.64934 -0.073277 0.923970 -0.087254
2.21E-05 0.132464 2.181566

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FRAME ELEMENT INTERNAL FORCES

LOAD -P4-----

REL DIST T M2 M3 V3
0.00000 -0.004089 -0.062833 0.021329
-6.61E-06 0.018991 -0.033613
0.16234 -0.004089 -0.062833 0.021329
-6.61E-06 0.006155 0.004202
0.32467 -0.004089 -0.062833 0.021329
-6.61E-06 0.006682 0.042017
0.48701 -0.004089 -0.062833 0.021329
-6.61E-06 -0.019519 0.079832
0.64934 -0.004089 -0.062833 0.021329
-6.61E-06 -0.032355 0.117647

LOAD -P5-----

REL DIST T M2 M3 V3
0.00000 0.009328 -0.029155 -0.003169
1.46E-06 -0.002817 0.008727
0.16234 0.009328 -0.029155 -0.003169
1.46E-06 0.000910 0.022774
0.32467 0.009328 -0.029155 -0.003169
1.46E-06 0.000997 0.043821
0.48701 0.009328 -0.029155 -0.003169
1.46E-06 0.002905 0.061367
0.64934 0.009328 -0.029155 -0.003169
1.46E-06 0.004812 0.078914

LOAD -2N+1-----

REL DIST T M2 M3 V3
0.00000 0.134359 -1.830580 -0.134010
-1.42E-05 -0.118998 -0.085758
0.16234 0.134359 -1.830580 -0.134010
-1.42E-05 0.015949 0.015949
0.32467 0.134359 -1.830580 -0.134010
-1.42E-05 0.042306 2.117656
0.48701 0.134359 -1.830580 -0.134010
-1.42E-05 0.121958 3.219363
0.64934 0.134359 -1.830580 -0.134010
-1.42E-05 0.203610 4.321070

LOAD -2N+2-----

REL DIST T M2 M3 V3
0.00000 -0.134359 1.830580 0.134010
1.42E-05 -0.118998 0.085758
0.16234 -0.134359 1.830580 0.134010
1.42E-05 -0.038346 -1.015949
0.32467 -0.134359 1.830580 0.134010
1.42E-05 -0.042306 -2.117656
0.48701 -0.134359 1.830580 0.134010
1.42E-05 0.122958 3.219363
0.64934 -0.134359 1.830580 0.134010
1.42E-05 -0.203610 -4.321070

COMB SETTLE ----- MAX

REL DIST T M2 M3 V3
0.00000 0.155776 1.830580 0.224433
2.21E-05 0.199401 0.085758
0.16234 0.155776 1.830580 0.224433
2.21E-05 0.064330 1.015949
0.32467 0.155776 1.830580 0.224433
2.21E-05 0.042306 2.117656
0.48701 0.155776 1.830580 0.224433
2.21E-05 0.122958 3.219363
0.64934 0.155776 1.830580 0.224433
2.21E-05 0.203610 4.321070

COMB SETTLE ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.134359 -1.830580 -0.134010
-1.42E-05 -0.118998 -0.085758
0.16234 -0.134359 -1.830580 -0.134010
-1.67E-05 -0.038346 -1.015949
0.32467 -0.134359 -1.830580 -0.134010
-1.67E-05 -0.042306 -2.117656
0.48701 -0.134359 -1.830580 -0.134010
-1.67E-05 -0.205814 3.219363
0.64934 -0.134359 -1.830580 -0.134010
-1.67E-05 -0.340886

REL DIST P M2 V2 V3
0.00000 -0.015027 -0.088278 -0.040656
7.60E-06 -0.037973 -0.025349
0.16230 -0.015062 -0.088278 -0.040656
7.60E-06 -0.013521 -0.027744
0.32459 -0.015062 -0.088278 -0.040656
7.60E-06 0.010930 0.080836
0.48689 -0.015062 -0.088278 -0.040656
7.60E-06 0.035382 -0.133929
0.64919 -0.015062 -0.088278 -0.040656
7.60E-06 0.059833 0.187022
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

LOAD -P1-----

REL DIST P M2 V2 V3
0.00000 -0.140979 1.304772 0.201600
-1.13E-05 -0.188456 0.014153
0.16230 -0.140979 1.304772 0.201600
-1.13E-05 -0.067208 1.304772 0.201600
0.32459 -0.140979 1.304772 0.201600
-1.13E-05 -0.054039 -1.552932
0.48689 -0.140979 1.304772 0.201600
-1.13E-05 -0.175966 -2.340016
0.64919 -0.140979 1.304772 0.201600
-1.13E-05 -0.296534 -3.124739

LOAD -P2-----

REL DIST P M2 V2 V3
0.00000 0.333849 -2.381262 -0.050882
-1.10E-05 -0.048014 0.028842
0.16230 0.333849 -2.381262 -0.050882
-1.10E-05 -0.017412 1.460993
0.32459 -0.142634 -2.381262 -0.050882
-1.10E-05 0.013190 2.893145
0.48689 0.333849 -2.381262 -0.050882
-1.10E-05 0.043792 4.325296
0.64919 0.333849 -2.381262 -0.050882
-1.10E-05 0.074393 5.757448

LOAD -P3-----

REL DIST P M2 V2 V3
0.00000 -0.185500 1.270898 -0.139573
2.09E-05 -0.003262 0.030200
0.16230 -0.185500 1.270898 -0.139573
2.09E-05 -0.046032 -0.760591
0.32459 -0.185500 1.270898 -0.139573
2.09E-05 0.037911 1.524941
0.48689 -0.185500 1.270898 -0.139573
2.09E-05 0.121854 -2.289291
0.64919 -0.185500 1.270898 -0.139573
2.09E-05 0.205797 -3.053641

LOAD -P4-----

REL DIST P M2 V2 V3
0.00000 -0.003028 -0.086229 0.034974
-8.94E-06 0.032589 0.030096
0.16230 -0.003028 -0.086229 0.034974
-8.94E-06 0.011554 0.019599
0.32459 -0.003028 -0.086229 0.034974
-8.94E-06 -0.009480 0.069294
0.48689 -0.003028 -0.086229 0.034974
-8.94E-06 -0.030515 0.118989
0.64919 -0.003028 -0.086229 0.034974
-8.94E-06 -0.051549 0.168684

LOAD -P5-----

REL DIST P M2 V2 V3
0.00000 0.010719 -0.023500 -0.005463
2.65E-06 -0.005083 0.008691
0.16230 0.010719 -0.023500 -0.005463
2.65E-06 -0.001798 0.005205
0.32459 0.010719 -0.023500 -0.005463
2.65E-06 0.001488 0.036959
0.48689 0.010719 -0.023500 -0.005463
2.65E-06 0.004774 0.051092
0.64919 0.010719 -0.023500 -0.005463
2.65E-06 0.008060 0.065226

LOAD -2N+1-----

REL DIST P M2 V2 V3
0.00000 0.315759 -2.552169 -0.056563
-1.23E-05 -0.053398 -0.026604
0.16230 0.315759 -2.552169 -0.056563
-1.23E-05 0.019379 1.508336
0.32459 0.315759 -2.552169 -0.056563
-1.23E-05 0.014640 3.043275
0.48689 0.315759 -2.552169 -0.056563
-1.23E-05 0.049588 4.572114
0.64919 0.315759 -2.552169 -0.056563
-1.23E-05 0.082677 6.113154
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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-----

REL DIST P M2 V2 V3
0.00000 -0.315759 2.552169 0.056563
1.23E-05 0.053398 0.026604
0.16230 -0.315759 2.552169 0.056563
1.23E-05 0.019379 1.508336
0.32459 -0.315759 2.552169 0.056563
1.23E-05 0.014640 -3.043275
0.48689 -0.315759 2.552169 0.056563
1.23E-05 -0.049588 -4.572114
0.64919 -0.315759 2.552169 0.056563
1.23E-05 -0.082677 -6.113154

COMB SETTLE ----- MAX

REL DIST P M2 V2 V3
0.00000 0.333849 2.552169 0.201600
2.09E-05 0.188456 0.028842
0.16230 0.333849 2.552169 0.201600
2.09E-05 0.067208 1.508336
0.32459 0.333849 2.552169 0.201600
2.09E-05 0.037911 3.043275
0.48689 0.333849 2.552169 0.201600
2.09E-05 0.121854 4.572114
0.64919 0.333849 2.552169 0.201600
2.09E-05 0.205797 6.113154

COMB SETTLE ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.315759 -2.552169 -0.139573
-1.23E-05 -0.129975 -0.030096
0.16230 -0.315759 -2.552169 -0.139573
-1.23E-05 -0.046032 -1.508336
0.32459 -0.315759 -2.552169 -0.139573
-1.23E-05 -0.054039 -3.043275
0.48689 -0.315759 -2.552169 -0.139573
-1.23E-05 -0.175286 -4.572114
0.64919 -0.315759 -2.552169 -0.139573
-1.23E-05 -0.296534 -6.113154

ELEM 147 ===== LENGTH

= 3.706261

LOAD -A1-----

REL DIST P M2 V2 V3
0.35076 -0.002240 -0.093973 -0.036208
6.07E-07 -0.051877 -0.243512
0.51307 -0.002240 -0.093973 -0.036208
6.07E-07 -0.030095 -0.186982
0.67538 -0.002240 -0.093973 -0.036208
6.07E-07 -0.006813 -0.030095
0.83769 -0.002240 -0.093973 -0.036208
6.07E-07 0.013468 -0.073920
1.00000 -0.002240 -0.093973 -0.036208
6.07E-07 0.035250 -0.017390

LOAD -P1-----

REL DIST P M2 V2 V3
0.35076 -0.189240 1.398656 0.180725
9.89E-06 0.258822 3.302079
0.51307 -0.189240 1.398656 0.180725
9.89E-06 0.150104 2.460696
0.67538 -0.189240 1.398656 0.180725
0.83769 0.041396 1.819313
9.89E-06 -0.189240 1.398656
9.89E-06 -0.067332 0.777930
1.00000 -0.189240 1.398656
9.89E-06 -0.176050 -0.063453

LOAD -P2-----

REL DIST P M2 V2 V3
0.35076 0.384107 -2.609768 -0.000987
-5.89E-08 -0.001411 -6.117248
0.51307 0.384107 -2.609768 -0.000987
-5.89E-08 -0.000817 1.547302
0.67538 0.384107 -2.609768 -0.000987
0.83769 -0.000223 -2.977357
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.83769 0.384107 -2.609768 -0.000987
-5.89E-08 0.000371 -1.407411
1.00000 0.384107 -2.609768 -0.000987
-5.89E-08 0.000965 0.162535

LOAD -P3-----

REL DIST P M2 V2 V3
0.35076 -0.183236 1.396479 -0.181834
-9.20E-06 -0.260412 3.300754
0.51307 -0.183236 1.396479 -0.181834
-9.20E-06 -0.151028 2.460696
0.67538 -0.183236 1.396479 -0.181834
0.83769 -0.183236 1.396479 -0.181834
-9.20E-06 -0.041643 1.620608
0.83769 -0.183236 1.396479 -0.181834
-9.20E-06 -0.077442 3.300754
-9.20E-06 -0.183236 1.396479 -0.181834
-9.20E-06 0.177127 -0.059539

LOAD -P4-----

REL DIST P M2 V2 V3
0.35076 -0.014661 -0.099839 0.045681
-3.84E-06 0.065457 -0.271194
0.51307 -0.014661 -0.099839 0.045681
-3.84E-06 0.037977 -0.211135
0.67538 -0.014661 -0.099839 0.045681
-3.84E-06 0.010497 -0.151075
0.83769 -0.014661 -0.099839 0.045681
-3.84E-06 -0.016984 -0.059106
1.00000 -0.014661 -0.099839 0.045681
-3.84E-06 -0.044464 -0.303957

LOAD -P5-----

REL DIST P M2 V2 V3
0.35076 0.005269 0.008444 -0.007378
2.62E-06 -0.010580 0.029122
0.51307 0.005269 0.008444 -0.007378
2.62E-06 0.006142 0.024042
0.67538 0.005269 0.008444 -0.007378
2.62E-06 -0.001704 0.018963
0.83769 0.005269 0.008444 -0.007378
2.62E-06 0.002735 0.013883
1.00000 0.005269 0.008444 -0.007378
2.62E-06 0.007173 0.008804

LOAD -2N+1-----

REL DIST P M2 V2 V3
0.35076 0.367206 -2.803579 0.008486
-3.30E-06 0.012170 -6.631955
0.51307 0.367206 -2.803579 0.008486
-3.30E-06 0.007065 -4.945419
0.67538 0.367206 -2.803579 0.008486
-3.30E-06 0.001961 3.258833
0.83769 0.367206 -2.803579 0.008486
-3.30E-06 0.003144 -1.572347
1.00000 0.367206 -2.803579 0.008486
-3.30E-06 -0.008249 0.114188

LOAD -2N+2-----

REL DIST P M2 V2 V3
0.35076 -0.367206 2.803579 -0.008486
3.30E-06 0.012170 6.631955
0.51307 -0.367206 2.803579 -0.008486
3.30E-06 0.007065 4.945419
0.67538 -0.367206 2.803579 -0.008486
3.30E-06 0.001961 3.258833
0.83769 -0.367206 2.803579 -0.008486
3.30E-06 0.003144 -1.572347
1.00000 -0.367206 2.803579 -0.008486
3.30E-06 0.008249 -0.114188

COMB SETTLE ----- MAX

REL DIST P M2 V2 V3
0.35076 0.384107 2.803579 0.180725
9.89E-06 0.258822 6.631955
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.51307 0.384107 2.803579 0.180725
9.89E-06 0.150104 4.945419
0.67538 0.384107 2.803579 0.180725
0.83769 0.384107 2.803579 0.180725
9.89E-06 0.067742 1.572347
1.00000 0.384107 2.803579 0.180725
9.89E-06 0.177127 0.162535

COMB SETTLE ----- MIN

REL DIST P M2 V2 V3
0.35076 -0.367206 -2.803579 -0.181834
-9.20E-06 -0.260412 -6.631955
0.51307 -0.367206 -2.803579 -0.181834
-9.20E-06 -0.151028 -4.945419

0.67538 -0.367206 -2.803579 -0.181834
-9.20E-06 0.041643 3.258833
0.83769 -0.367206 -2.803579 -0.181834
-9.20E-06 -0.067332 -1.572347
1.00000 -0.367206 -2.803579 -0.181834
-9.20E-06 -0.176050 -0.114188

ELEM 148 ===== LENGTH

= 3.707288

LOAD -A1-----

REL DIST P M2 V2 V3
0.00000 0.002323 -0.105006 -0.036673
5.76E-06 -0.035749 -0.019210
0.16233 0.002323 -0.105006 -0.036673
5.76E-06 0.013678 0.043985
0.32467 -0.002323 -0.105006 -0.036673
5.76E-06 0.008392 0.017180
0.48700 0.002323 -0.105006 -0.036673
5.76E-06 0.030463 0.170375
0.64934 0.002323 -0.105006 -0.036673
5.76E-06 0.052533 0.233570

LOAD -P1-----

REL DIST P M2 V2 V3
0.00000 -0.205781 1.359879 0.181333
-1.48E-05 0.177614 -0.054636
0.16233 -0.205781 1.359879 0.181333
-1.48E-05 0.067484 -0.873241
0.32467 -0.205781 1.359879 0.181333
-1.48E-05 0.1647 -1.691646
0.48700 -0.205781 1.359879 0.181333
-1.48E-05 -0.150777 -2.510052
0.64934 -0.205781 1.359879 0.181333
-1.48E-05 -0.259907 -3.328457

LOAD -P2-----

REL DIST P M2 V2 V3
0.00000 0.407950 -2.509937 -0.000973
1.51E-07 0.00046 0.148668
0.16233 0.407950 -2.509937 -0.000973
1.51E-07 -0.000360 1.659504
0.32467 0.407950 -2.509937 -0.000973
1.51E-07 0.00025 3.170039
0.48700 0.407950 -2.509937 -0.000973
1.51E-07 0.000811 4.680574
0.64934 0.407950 -2.509937 -0.000973
1.51E-07 0.001396 6.191110

LOAD -P3-----

REL DIST P M2 V2 V3
0.00000 -0.199914 1.358034 -0.182421
1.56E-05 0.177689 -0.050813
0.16233 -0.199914 1.358034 -0.182421
1.56E-05 -0.067884 -0.868108
0.32467 -0.199914 1.358034 -0.182421
1.56E-05 0.041901 -1.685403
0.48700 -0.199914 1.358034 -0.182421
1.56E-05 0.151686 -2.502698
0.64934 -0.199914 1.358034 -0.182421
1.56E-05 0.261470 -3.319993
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FRAME ELEMENT INTERNAL FORCES

LOAD -P4-----

REL DIST P M2 V2 V3
0.00000 -0.008994 -0.113746 0.045977
0.16233 -0.008994 -0.113746 0.045977
-1.03E-05 0.017109 0.035114
0.32467 -0.008994 -0.113746 0.045977
0.48700 -0.008994 -0.113746 0.045977
-1.03E-05 -0.008994 -0.113746 0.045977
0.64934 -0.008994 -0.113746 0.045977
-1.03E-05 -0.065901 0.240477

LOAD -P5-----

REL DIST P M2 V2 V3
0.00000 0.004415 0.010775 -0.007244
3.63E-06 0.007030 0.092322
0.16233 0.004415 0.010775 -0.007244
3.63E-06 -0.002670 0.002747
0.32467 0.004415 0.010775 -0.007244
3.63E-06 0.001689 -0.003738
0.48700 0.004415 0.010775 -0.007244
3.63E-06 0.006049 -0.010222
0.64934 0.004415 0.010775 -0.007244
3.63E-06 0.010408 -0.016707

LOAD -2N+1-----

REL DIST P M2 V2 V3
0.00000 0.401280 -2.728689 0.008331
-4.37E-06 0.008084 0.096417
0.16233 0.401280 -2.728689 0.008331
-4.37E-06 0.003070 1.738602
0.32467 0.401280 -2.728689 0.008331
-4.37E-06 -0.001943 3.380787
0.48700 0.401280 -2.728689 0.008331
-4.37E-06 0.002972 5.022972
0.64934 0.401280 -2.728689 0.008331
-4.37E-06 -0.011971 6.665157

LOAD -2N+2-----

REL DIST P M2 V2 V3
0.00000 -0.401280 2.728689 -0.008331
4.37E-06 -0.008084 -0.096417
0.16233 -0.401280 2.728689 -0.008331
4.37E-06 -0.003070 -1.738602
0.32467 -0.401280 2.728689 -0.008331
4.37E-06 0.001943 -3.380787
0.48700 -0.401280 2.728689 -0.008331
4.37E-06 0.002972 -5.022972
0.64934 -0.401280 2.728689 -0.008331
4.37E-06 0.011971 -6.665157

COMB SETTLE ----- MAX

REL DIST P M2 V2 V3
0.00000 0.407950 2.728689 0.181333
1.56E-05 0.176614 0.148668
0.16233 0.407950 2.728689 0.181333
1.56E-05 0.067484 1.738602
0.32467 0.407950 2.728689 0.181333
1.56E-05 0.041901 3.380787
0.48700 0.407950 2.728689 0.181333
1.56E-05 0.151686 5.022972
0.64934 0.407950 2.728689 0.181333
1.56

0.67540 -0.312917 -2.511289 -0.201189
2.15E-05 -0.053933 0.303930
0.83710 -0.312917 -2.511289 -0.201189
-2.15E-05 -0.045857 -1.523452
1.00000 -0.312917 -2.511289 -0.201189
-2.15E-05 -0.129315 -0.037449
ELEM 150 ===== LENGTH
= 3.706925
LOAD -A1 -----
REL DIST P M2 V2 V3
0.00000 0.014327 -0.112051 -0.027926
5.55E-06 -0.026041 -0.017561 -0.027926
0.16233 0.014327 -0.112051 -0.027926
5.55E-06 -0.009327 -0.004963 -0.027926
0.32465 0.014327 -0.112051 -0.027926
5.55E-06 0.007567 0.117268 -0.027926
0.48698 0.014327 -0.112051 -0.027926
5.55E-06 0.024371 -0.184713 -0.027926
0.64931 0.014327 -0.112051 -0.027926
5.55E-06 0.041175 0.252137 -0.027926
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FRAME ELEMENT INTERNAL FORCES

LOAD -P1 -----
REL DIST P M2 V2 V3
0.00000 -0.191926 1.275942 0.138634
-2.06E-05 0.129145 0.003671 -0.138634
0.16233 -0.191926 1.275942 0.138634
-2.06E-05 0.164103 0.003671 -0.138634
0.32465 -0.191926 1.275942 0.138634
-2.06E-05 -0.037697 -1.531877 -0.138634
0.48698 -0.191926 1.275942 0.138634
-2.06E-05 -0.229051 0.003671 -0.138634
0.64931 -0.191926 1.275942 0.138634
-2.06E-05 -0.204538 -3.067425 -0.138634

LOAD -P2 -----
REL DIST P M2 V2 V3
0.00000 0.334280 -2.379564 0.048966
1.18E-05 0.046248 0.022845 0.048966
0.16233 0.334280 -2.379564 0.048966
1.18E-05 0.016784 0.454703 0.048966
0.32465 0.334280 -2.379564 0.048966
1.18E-05 -0.012681 2.886561 0.048966
0.48698 0.334280 -2.379564 0.048966
1.18E-05 -0.042145 4.318419 0.048966
0.64931 0.334280 -2.379564 0.048966
1.18E-05 -0.071610 5.750277 0.048966

LOAD -P3 -----
REL DIST P M2 V2 V3
0.00000 -0.136672 1.308937 -0.202518
1.18E-05 -0.136672 1.308937 -0.202518
0.16233 -0.136672 1.308937 -0.202518
1.18E-05 -0.067513 -0.766051 -0.202518
0.32465 -0.136672 1.308937 -0.202518
1.18E-05 -0.067513 -0.766051 -0.202518
0.48698 -0.136672 1.308937 -0.202518
1.18E-05 -0.176210 -2.341308 -0.202518
0.64931 -0.136672 1.308937 -0.202518
1.18E-05 -0.298071 -3.128336 -0.202518

LOAD -P4 -----
REL DIST P M2 V2 V3
0.00000 -0.015406 -0.141129 0.050578
1.17E-05 -0.172333 -0.038642 0.050578
0.16233 -0.015406 -0.141129 0.050578
-1.17E-05 0.016799 0.045079 0.050578
0.32465 -0.015406 -0.141129 0.050578
-1.17E-05 0.053635 -0.130001 0.050578
0.48698 -0.015406 -0.141129 0.050578
-1.17E-05 -0.044069 0.214922 0.050578
0.64931 -0.015406 -0.141129 0.050578
-1.17E-05 -0.074503 0.298844 0.050578

LOAD -P5 -----
REL DIST P M2 V2 V3
0.00000 -0.004603 0.047865 -0.007733
3.22E-06 -0.007209 0.009310 -0.007733
0.16233 -0.004603 0.047865 -0.007733
3.22E-06 -0.002556 -0.019491 -0.007733
0.32465 -0.004603 0.047865 -0.007733
3.22E-06 0.002098 0.048293 -0.007733
0.48698 -0.004603 0.047865 -0.007733
3.22E-06 0.006751 -0.077095 -0.007733
0.64931 -0.004603 0.047865 -0.007733
3.22E-06 0.011405 -0.105896 -0.007733

LOAD -2N+1-----
REL DIST P M2 V2 V3
0.00000 0.333201 -2.632743 0.071618
5.55E-06 0.067440 -0.034558 0.071618
0.16233 0.333201 -2.632743 0.071618
5.55E-06 0.025435 -0.549646 0.071618
0.32465 0.333201 -2.632743 0.071618
5.55E-06 0.018749 -3.133850 0.071618
0.48698 0.333201 -2.632743 0.071618
5.55E-06 0.053844 -4.718054 0.071618
0.64931 0.333201 -2.632743 0.071618
5.55E-06 0.104938 6.302258 0.071618
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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -0.333201 2.632743 -0.071618
-5.55E-06 -0.067440 0.034558 -0.071618
0.16233 -0.333201 2.632743 -0.071618
-5.55E-06 -0.025435 -0.549646 -0.071618
0.32465 -0.333201 2.632743 -0.071618
-5.55E-06 0.018749 3.133850 -0.071618
0.48698 -0.333201 2.632743 -0.071618
-5.55E-06 0.061844 -4.718054 -0.071618
0.64931 -0.333201 2.632743 -0.071618
-5.55E-06 0.104938 -6.302258 -0.071618

COMB SETTLE ----- MAX

REL DIST P M2 V2 V3
0.00000 0.334280 2.632743 0.138634
1.18E-05 0.129145 0.003671 -0.138634
0.16233 0.334280 2.632743 0.138634
1.18E-05 0.164103 0.003671 -0.138634
0.32465 0.334280 2.632743 0.138634
1.18E-05 0.054348 3.133850 0.138634
0.48698 0.334280 2.632743 0.138634
1.18E-05 0.176210 4.718054 0.138634
0.64931 0.334280 2.632743 0.138634
1.18E-05 0.298071 6.302258 0.138634

COMB SETTLE ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.333201 -2.632743 -0.202518

-2.06E-05 -0.189375 -0.039842
0.16233 -0.333201 -2.632743
-2.06E-05 -0.067513 -1.549646
0.32465 -0.333201 -2.632743 -0.202518
-2.06E-05 -0.037697 -3.133850
0.48698 -0.333201 -2.632743 -0.202518
-2.06E-05 -0.121117 -4.718054
0.64931 -0.333201 -2.632743 -0.202518
-2.06E-05 -0.204538 -6.302258

ELEM 151 ===== LENGTH
= 3.706747

LOAD -A1 -----
REL DIST P M2 V2 V3
0.35074 -0.005445 -0.081671 -0.017127
1.39E-06 -0.026001 -0.214136 -0.017127
0.51305 0.005445 -0.081671 -0.017127
1.39E-06 -0.015697 -0.165001 -0.017127
0.67537 0.005445 -0.081671 -0.017127
1.39E-06 -0.005393 -0.115866 -0.017127
0.83768 0.005445 -0.081671 -0.017127
1.39E-06 0.004911 -0.066731 -0.017127
1.00000 0.005445 -0.081671 -0.017127
1.39E-06 0.015215 -0.017596 -0.017127

LOAD -P1 -----
REL DIST P M2 V2 V3
0.35074 -0.059789 0.855345 0.087372
-5.47E-06 0.132495 2.081737 0.087372
0.51305 -0.059789 0.855345 0.087372
-5.47E-06 0.079930 1.587145 0.087372
0.67537 -0.059789 0.855345 0.087372
-5.47E-06 0.027365 0.023369 0.087372
0.83768 -0.059789 0.855345 0.087372
-5.47E-06 -0.025199 0.537961 0.087372
1.00000 -0.059789 0.855345 0.087372
-5.47E-06 -0.077764 0.023369 0.087372

LOAD -P2 -----
REL DIST P M2 V2 V3
0.35074 0.125506 -1.610188 0.108424
3.62E-05 0.164736 -3.883915 0.108424
0.51305 0.125506 -1.610188 0.108424
3.62E-05 0.099506 -2.915196 0.108424
0.67537 0.125506 -1.610188 0.108424
3.62E-05 0.034276 -1.946474 0.108424
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.83768 0.125506 -1.610188 0.108424
3.62E-05 -0.030954 -0.977756 0.108424
1.00000 0.125506 -1.610188 0.108424
3.62E-05 -0.096184 -0.090937 0.108424

LOAD -P3 -----
REL DIST P M2 V2 V3
0.35074 -0.049648 0.871445 -0.224193
-2.97E-05 -0.340505 2.120951 -0.224193
0.51305 -0.049648 0.871445 -0.224193
-2.97E-05 -0.205262 1.595733 -0.224193
0.67537 -0.049648 0.871445 -0.224193
-2.97E-05 -0.070748 1.072395 -0.224193
0.83768 -0.049648 0.871445 -0.224193
-2.97E-05 0.064131 0.548116 -0.224193
1.00000 -0.049648 0.871445 -0.224193
-2.97E-05 0.199010 0.023838 -0.224193

LOAD -P4 -----
REL DIST P M2 V2 V3
0.35074 -0.010479 -0.078469 0.053349
-3.94E-06 -0.081183 -0.214700 0.053349
0.51305 -0.010479 -0.078469 0.053349
-3.94E-06 -0.046987 -0.170622 0.053349
0.67537 -0.010479 -0.078469 0.053349
-3.94E-06 0.016991 -0.120283 0.053349
0.83768 -0.010479 -0.078469 0.053349
-3.94E-05 -0.015105 -0.023845 0.053349
1.00000 -0.010479 -0.078469 0.053349
-3.94E-06 -0.047201 -0.025866 0.053349

LOAD -P5 -----
REL DIST P M2 V2 V3
0.35074 -0.011035 0.043537 -0.007826
1.52E-06 -0.011909 0.110063 -0.007826
0.51305 -0.011035 0.043537 -0.007826
1.52E-06 0.007200 0.083870 -0.007826
0.67537 -0.011035 0.043537 -0.007826
1.52E-06 -0.002492 0.057678 -0.007826
0.83768 -0.011035 0.043537 -0.007826
1.52E-06 0.002216 0.031485 -0.007826
1.00000 -0.011035 0.043537 -0.007826
1.52E-06 0.006924 0.005292 -0.007826

LOAD -2N+1-----
REL DIST P M2 V2 V3
0.35074 0.120472 -1.770328 0.144646
3.37E-05 0.219918 -4.312752 0.144646
0.51305 0.120472 -1.770328 0.144646
3.37E-05 0.045874 -0.104625 0.144646
0.83768 0.120472 -1.770328 0.144646
3.37E-05 0.170328 -3.247688 0.144646
1.00000 0.120472 -1.770328 0.144646
3.37E-05 0.126170 0.052499 0.144646

COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.35074 0.125506 1.770328 0.144646
3.62E-05 0.199188 4.312752 0.144646
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.51305 0.125506 1.770328 0.144646
3.62E-05 0.132896 3.247688 0.144646
0.67537 0.125506 1.770328 0.144646
3.62E-05 0.045874 2.182625 0.144646
0.83768 0.125506 1.770328 0.144646

3.62E-05 0.064131 1.117562 0.144646
1.00000 0.125506 1.770328 0.144646
3.62E-05 0.199010 0.052499 0.144646
COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.35074 -0.120472 -1.770328 -0.224193
-3.37E-05 -0.340505 -4.312752 -0.224193
0.51305 -0.120472 -1.770328 -0.224193
-3.37E-05 -0.205626 -3.247688 -0.224193
0.67537 -0.120472 -1.770328 -0.224193
-3.37E-05 0.070748 -2.82625 -0.224193
0.83768 -0.120472 -1.770328 -0.224193
-3.37E-05 -0.041148 -1.117562 -0.224193
1.00000 -0.120472 -1.770328 -0.224193
-3.37E-05 -0.128170 -0.052499 -0.224193

ELEM 152 ===== LENGTH
= 3.706477

LOAD -A1 -----
REL DIST P M2 V2 V3
0.00000 0.009129 -0.097655 -0.017318
4.78E-06 -0.015421 -0.020146 -0.017318
0.16232 0.009129 -0.097655 -0.017318
4.78E-06 -0.005003 -0.039595 -0.017318
0.32463 0.009129 -0.097655 -0.017318
4.78E-06 0.005416 -0.097356 -0.017318
0.48695 0.009129 -0.097655 -0.017318
4.78E-06 0.015855 0.155107 -0.017318
0.64926 0.009129 -0.097655 -0.017318
4.78E-06 0.026254 0.214858 -0.017318

LOAD -P1 -----
REL DIST P M2 V2 V3
0.00000 -0.077519 0.931348 0.087150
-2.20E-05 0.077465 0.035411 0.087150
0.16232 -0.077519 0.931348 0.087150
-2.20E-05 0.025033 -0.524906 0.087150
0.32463 -0.077519 0.931348 0.087150
-2.20E-05 -0.027398 -1.085223 0.087150
0.48695 -0.077519 0.931348 0.087150
-2.20E-05 0.079829 1.645540 0.087150
0.64926 -0.077519 0.931348 0.087150
-2.20E-05 -0.132260 -2.205856 0.087150

LOAD -P2 -----
REL DIST P M2 V2 V3
0.00000 0.155134 -1.727148 0.110257
1.72E-05 0.001973 0.026825 0.110257
0.16232 0.155134 -1.727148 0.110257
1.72E-05 0.031641 0.102460 0.110257
0.32463 0.155134 -1.727148 0.110257
1.72E-05 0.034692 0.051548 0.110257
0.48695 0.155134 -1.727148 0.110257
1.72E-05 0.101024 3.090631 0.110257
0.64926 0.155134 -1.727148 0.110257
1.72E-05 -0.167357 4.129716 0.110257

LOAD -P3 -----
REL DIST P M2 V2 V3
0.00000 -0.067975 0.941941 -0.226105
1.00E-05 -0.200807 0.032937 -0.226105
0.16232 -0.067975 0.941941 -0.226105
1.00E-05 -0.064778 -0.533752 -0.226105
0.32463 -0.067975 0.941941 -0.226105
1.00E-05 0.071251 1.00442 -0.226105
0.48695 -0.067975 0.941941 -0.226105
1.00E-05 0.207279 -1.667132 -0.226105
0.64926 -0.067975 0.941941 -0.226105
1.00E-05 0.343088 -2.233821 -0.226105
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LOAD -P4 -----
REL DIST P M2 V2 V3
0.00000 -0.067975 0.941941 -0.226105
1.00E-05 -0.200807 0.032937 -0.226105
0.16232 -0.067975 0.941941 -0.226105
1.00E-05 -0.064778 -0.533752 -0.226105
0.32463 -0.067975 0.941941 -0.226105
1.00E-05 0.071251 1.00442 -0.226105
0.48695 -0.067975 0.941941 -0.226105
1.00E-05 0.207279 -1.667132 -0.226105
0.64926 -0.067975 0.941941 -0.226105
1.00E-05 0.343088 -2.233821 -0.226105

LOAD -P5 -----
REL DIST P M2 V2 V3
0.00000 -0.011363 0.046495 -0.007837
1.72E-06 -0.006927 0.005512 -0.007837
0.16232 -0.011363 0.046495 -0.007837
1.72E-06 -0.002212 -0.022460 -0.007837
0.32463 -0.011363 0.046495 -0.007837
1.72E-06 0.002503 0.050433 -0.007837
0.48695 -0.011363 0.046495 -0.007837
1.72E-06 0.007218 0.078405 -0.007837
0.64926 -0.011363 0.046495 -0.007837
1.72E-06 0.011932 -0.106377 -0.007837

LOAD -2N+1-----
REL DIST P M2 V2 V3
0.00000 0.156858 1.919784 0.146792
9.26E-06 0.130270 -0.073860 0.146792
0.16232 0.156858 1.919784 0.146792
9.26E-06 0.041957 1.081119 0.146792
0.32463 0.156858 1.919784 0.146792
9.26E-06 -0.046355 -2.236098 0.146792
0.48695 0.156858 1.919784 0.146792
9.26E-06 0.391076 3.391076 0.146792
0.64926 0.156858 1.919784 0.146792
9.26E-06 -0.222981 4.546055 0.146792

LOAD -2N+2-----
REL DIST P M2 V2 V3
0.35074 -0.120472 -1.770328 -0.224193
-3.37E-05 -0.219918 -4.312752 -0.224193
0.51305 -0.120472 -1.770328 -0.224193
-3.37E-05 -0.132896 3.247688 -0.224193
0.67537 -0.120472 -1.770328 -0.224193
-3.37E-05 -0.045874 -0.104625 -0.224193
0.83768 -0.120472 -1.770328 -0.224193
-3.37E-05 0.170328 -3.247688 -0.224193
1.00000 -0.120472 -1.770328 -0.224193
-3.37E-05 0.126170 0.052499 -0.224193

COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.35074 0.125506 1.770328 0.144646
3.62E-05 0.199188 4.312752 0.144646
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4.22E-05 0.072893 0.597835 0.211205
1.00000 0.009198 1.079762
4.22E-05 0.224343 0.073687

COMB SETTLE ----- MIN

REL DIST P V2 V3
T M2 M3
-0.35077 -0.011735 -1.079762 -0.251773
-0.408E-05 -0.381459 -2.546380
0.51308 -0.071212 -1.071212 -0.251773
-0.408E-05 -0.230008 -1.896865
0.67538 -0.011735 -1.079762 -0.251773
-0.408E-05 -0.078558 -1.247350
0.83769 -0.011735 -1.079762 -0.251773
-0.408E-05 -0.060785 -0.597835
1.00000 -0.011735 -1.079762 -0.251773
-0.408E-05 -0.167832 -0.051680

ELEM 154 ----- LENGTH
= 3.707124

LOAD -A1 -----

REL DIST P V2 V3
T M2 M3
0.00000 0.003499 -0.051855 -0.009136
2.84E-06 -0.008213 -0.002698
0.16233 0.003449 -0.051855 -0.009136
2.84E-06 0.003449 -0.051855 -0.009136
0.32466 0.003449 -0.051855 -0.009136
2.84E-06 0.002783 0.059713
0.48699 0.003449 -0.051855 -0.009136
2.84E-06 0.002821 0.009018
0.64932 0.003449 -0.051855 -0.009136
2.84E-06 0.013778 0.122124
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L FORCES

LOAD -P1 -----

REL DIST P V2 V3
T M2 M3
0.00000 -0.007635 0.489037 0.047748
-1.48E-05 0.042804 -0.031484
0.16233 -0.007635 0.489037 0.047748
-1.48E-05 0.014070 0.025728
0.32466 -0.007635 0.489037 0.047748
-1.48E-05 -0.014663 -0.820071
0.48699 -0.007635 0.489037 0.047748
-1.48E-05 -0.043937 0.014364
0.64932 -0.007635 0.489037 0.047748
-1.48E-05 -0.072131 -1.208657

LOAD -P2 -----

REL DIST P V2 V3
T M2 M3
0.00000 0.018924 -0.927532 0.167008
9.12E-06 0.148802 0.058718
0.16233 0.018924 -0.927532 0.167008
9.12E-06 0.048300 0.616889
0.32466 0.018924 -0.927532 0.167008
9.12E-06 -0.052202 1.175060
0.48699 0.018924 -0.927532 0.167008
9.12E-06 0.152705 1.733231
0.64932 0.018924 -0.927532 0.167008
9.12E-06 -0.253207 2.291402

LOAD -P3 -----

REL DIST P V2 V3
T M2 M3
0.00000 0.002440 0.510699 -0.253166
1.43E-05 -0.225692 -0.006615
0.16233 0.002440 0.510699 -0.253166
1.43E-05 -0.073342 -0.315370
0.32466 0.002440 0.510699 -0.253166
1.43E-05 0.079008 0.824125
0.48699 0.002440 0.510699 -0.253166
1.43E-05 0.231359 -0.932879
0.64932 0.002440 0.510699 -0.253166
1.43E-05 0.383709 -1.241534

LOAD -P4 -----

REL DIST P V2 V3
T M2 M3
0.00000 -0.005627 -0.053505 0.055010
-1.41E-05 -0.048919 0.021268
0.16233 -0.005627 -0.053505 0.055010
-1.41E-05 0.015815 0.010931
0.32466 -0.005627 -0.053505 0.055010
-1.41E-05 -0.043129 0.043129
0.48699 -0.005627 -0.053505 0.055010
-1.41E-05 -0.050393 0.053528
0.64932 -0.005627 -0.053505 0.055010
-1.41E-05 -0.083497 0.107527

LOAD -P5 -----

REL DIST P V2 V3
T M2 M3
0.00000 -0.011551 0.030787 -0.007465
2.60E-06 -0.006820 0.003347
0.16233 -0.011551 0.030787 -0.007465
2.60E-06 -0.002128 -0.051080
0.32466 -0.011551 0.030787 -0.007465
2.60E-06 0.002364 0.033707
0.48699 -0.011551 0.030787 -0.007465
2.60E-06 0.006856 -0.052234
0.64932 -0.011551 0.030787 -0.007465
2.60E-06 0.011348 -0.070760

LOAD -2N+1-----

REL DIST P V2 V3
T M2 M3
0.00000 0.016746 -1.032893 0.212882
-2.10E-06 0.189508 0.034752
0.16233 0.016746 -1.032893 0.212882
-2.10E-06 0.014000 0.656327
0.32466 0.016746 -1.032893 0.212882
-2.10E-06 -0.066709 1.277902
0.48699 0.016746 -1.032893 0.212882
-2.10E-06 -0.194817 1.899477
0.64932 0.016746 -1.032893 0.212882
-2.10E-06 -0.322926 2.510522
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L FORCES

LOAD -2N+2-----

REL DIST P V2 V3
T M2 M3
0.00000 -0.016746 1.032893 -0.212882
-2.10E-06 -0.189508 -0.034752
0.16233 -0.016746 -1.032893 -0.212882
-2.10E-06 -0.061400 -0.656327
0.32466 -0.016746 1.032893 -0.212882
-2.10E-06 0.066709 1.277902
0.48699 -0.016746 -1.032893 -0.212882
-2.10E-06 0.194817 1.899477
0.64932 -0.016746 1.032893 -0.212882
-2.10E-06 0.322926 -2.510522

COMB SETTLE ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.018924 1.032893 0.212882
1.43E-05 0.189508 0.058718
0.16233 0.018924 1.032893 0.212882
1.43E-05 0.061400 0.656327

0.32466 0.018924 1.032893 0.212882
1.43E-05 0.079008 1.277902
0.48699 0.018924 1.032893 0.212882
1.43E-05 0.231359 1.899477
0.64932 0.018924 1.032893 0.212882
1.43E-05 0.383709 2.510522

COMB SETTLE ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.016746 -1.032893 -0.253166
-1.48E-05 -0.225692 -0.034752
0.16233 -0.016746 -1.032893 -0.253166
-1.48E-05 -0.073342 -0.632824
0.32466 -0.016746 -1.032893 -0.253166
-1.48E-05 -0.066709 -1.277902
0.48699 -0.016746 -1.032893 -0.253166
-1.48E-05 -0.194817 -1.899477
0.64932 -0.016746 -1.032893 -0.253166
-1.48E-05 -0.322926 -2.510522

ELEM 155 ----- LENGTH
= 3.706881

LOAD -A1 -----

REL DIST P V2 V3
T M2 M3
0.35077 -0.002787 -0.021681 -0.001682
3.12E-07 -0.002515 -0.066670
0.51302 -0.002787 -0.021681 -0.001682
6.12E-07 -0.001503 -0.053624
0.67535 -0.002787 -0.021681 -0.001682
6.12E-07 -0.000491 -0.040578
0.83767 -0.002787 -0.021681 -0.001682
6.12E-07 -0.000521 -0.027532
1.00000 -0.002787 -0.021681 -0.001682
6.12E-07 -0.001533 -0.014487

LOAD -P1 -----

REL DIST P V2 V3
T M2 M3
0.35077 0.030533 0.208959 0.012284
0.51302 0.018666 0.121651
-4.38E-06 0.030533 0.208959 0.012284
-4.38E-06 0.010975 0.414016
0.67535 0.030533 0.208959 0.012284
0.51302 0.042658 0.268281
0.83767 0.030533 0.208959 0.012284
-4.38E-06 -0.003809 0.162545
1.00000 0.030533 0.208959 0.012284
-4.38E-06 -0.011200 0.036810

LOAD -P2 -----

REL DIST P V2 V3
T M2 M3
0.35077 -0.042658 -0.401301 0.211556
3.88E-05 -0.320756 -1.003399
0.51302 -0.042658 -0.401301 0.211556
3.88E-05 0.193459 -0.761828
0.67535 -0.042658 -0.401301 0.211556
3.88E-05 0.066182 -0.520457
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L FORCES

REL DIST P V2 V3
T M2 M3
0.83767 -0.042658 -0.401301 0.211556
3.88E-05 -0.061136 -0.278985
1.00000 -0.042658 -0.401301 0.211556
3.88E-05 -0.186433 -0.037514

LOAD -P3 -----

REL DIST P V2 V3
T M2 M3
0.35077 0.024124 0.214154 -0.264931
3.26E-05 -0.401651 0.537518
0.51302 0.024124 0.214154 -0.264931
-3.26E-05 -0.242237 0.408658
0.67535 0.024124 0.214154 -0.264931
-3.26E-05 -0.082823 0.279797
0.83767 0.024124 0.214154 -0.264931
-3.26E-05 0.076592 0.150936
1.00000 0.024124 0.214154 -0.264931
-3.26E-05 0.236006 0.022076

LOAD -P4 -----

REL DIST P V2 V3
T M2 M3
0.35077 0.002288 -0.015482 0.048565
-3.46E-06 0.073865 0.043739
0.51302 0.002288 -0.015482 0.048565
-3.46E-06 0.044643 0.048565
0.67535 0.002288 -0.015482 0.048565
-3.46E-06 0.015420 -0.025107
0.83767 0.002288 -0.015482 0.048565
-3.46E-06 -0.013803 0.015482
1.00000 0.002288 -0.015482 0.048565
-3.46E-06 -0.043025 -0.006475

LOAD -P5 -----

REL DIST P V2 V3
T M2 M3
0.35077 -0.011499 0.015352 -0.005792
1.11E-06 -0.008822 0.036540
0.51302 -0.011499 0.015352 -0.005792
1.11E-06 -0.005336 0.027307
0.67535 -0.011499 0.015352 -0.005792
1.11E-06 -0.001851 0.018065
0.83767 -0.011499 0.015352 -0.005792
1.11E-06 0.001634 0.008827
1.00000 -0.011499 0.015352 -0.005792
1.11E-06 0.005120 -0.000411

LOAD -2N+1-----

REL DIST P V2 V3
T M2 M3
0.35077 -0.043158 0.438465 0.258439
3.59E-05 0.392106 -1.113809
0.51302 -0.043158 0.438465 0.258439
3.59E-05 0.236599 -0.848975
0.67535 -0.043158 0.438465 0.258439
3.59E-05 0.081891 -0.586142
0.83767 -0.043158 0.438465 0.258439
3.59E-05 -0.074417 -0.322309
1.00000 -0.043158 0.438465 0.258439
3.59E-05 -0.229925 -0.058476

LOAD -2N+2-----

REL DIST P V2 V3
T M2 M3
0.35077 0.043158 0.438465 -0.258439
3.59E-05 -0.392106 -1.113809
0.51302 0.043158 0.438465 -0.258439
3.59E-05 -0.236599 -0.848975
0.67535 0.043158 0.438465 -0.258439
3.59E-05 -0.081891 -0.586142
0.83767 0.043158 0.438465 -0.258439
3.59E-05 -0.074417 0.322309
1.00000 0.043158 0.438465 -0.258439
3.59E-05 -0.229925 -0.058476

COMB SETTLE ----- MAX

REL DIST P V2 V3
T M2 M3
0.35077 0.043158 0.438465 0.258439
3.88E-05 0.392106 1.113809
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L FORCES

REL DIST P V2 V3
T M2 M3
0.51302 0.043158 0.438465 0.258439
3.88E-05 0.236599 0.848975
0.67535 0.043158 0.438465
3.88E-05 0.081891 0.586142
0.83767 0.043158 0.438465 0.258439
3.88E-05 0.076592 0.322309
1.00000 0.043158 0.438465
3.88E-05 0.236006 0.058476

COMB SETTLE ----- MIN

REL DIST P V2 V3
T M2 M3
0.35077 -0.043158 -0.438465 -0.264931
-3.59E-05 -0.401651 -1.113809
0.51302 -0.043158 -0.438465 -0.264931
-3.59E-05 -0.242237 -0.848975
0.67535 -0.043158 -0.438465 -0.264931
-3.59E-05 -0.082823 -0.586142
0.83767 -0.043158 -0.438465 -0.264931
-3.59E-05 -0.074417 -0.322309
1.00000 -0.043158 -0.438465 -0.264931
-3.59E-05 -0.229925 -0.058476

ELEM 156 ----- LENGTH
= 3.706881

LOAD -A1 -----

REL DIST P V2 V3
T M2 M3
0.00000 0.000483 -0.035652 -0.001742
1.03E-06 -0.001605 -0.016618
0.16233 0.000483 -0.035652 -0.001742
1.03E-06 0.000557 -0.009355
0.32466 0.000483 -0.035652 -0.001742
1.03E-06 0.000491 0.026287
0.48699 0.000483 -0.035652 -0.001742
1.03E-06 0.001010 0.047740
0.64930 0.000483 -0.035652 -0.001742
1.03E-06 0.002588 0.069193

LOAD -P1 -----

REL DIST P V2 V3
T M2 M3
0.00000 0.014801 0.274936 0.012101
-6.70E-06 0.010969 0.046871
0.16233 0.014801 0.274936 0.012101
-6.70E-06 0.003688 0.118564
0.32466 0.014801 0.274936 0.012101
-6.70E-06 -0.003593 -0.283998
0.48699 0.014801 0.274936 0.012101
-6.70E-06 0.010874 -0.449433
0.64930 0.014801 0.274936 0.012101
-6.70E-06 -0.018156 -0.614868

LOAD -P2 -----

REL DIST P V2 V3
T M2 M3
0.00000 -0.023007 -0.492295 0.212930
1.01E-06 -0.189711 -0.048720
0.16233 -0.023007 -0.492295 0.212930
1.01E-06 0.061587 0.246504
0.32466 -0.023007 -0.492295 0.212930
1.01E-06 0.063271 0.542728
0.48699 -0.023007 -0.492295 0.212930
1.01E-06 -0.194661 0.838952
0.64930 -0.023007 -0.492295 0.212930
1.01E-06 -0.322785 1.135175

LOAD -P3 -----

REL DIST P V2 V3
T M2 M3
0.00000 0.019665 0.251784 -0.266534
1.37E-05 0.237487 0.023575
0.16233 0.019665 0.251784 -0.266534
1.37E-05 -0.077108 -0.127489
0.32466 0.019665 0.251784 -0.266534
1.37E-05 0.009271 0.016992
0.48699 0.019665 0.251784 -0.266534
1.37E-05 0.243649 -0.430496
0.64930 0.019665 0.251784 -0.266534
1.37E-05 0.404028 -0.581999
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L FORCES

LOAD -P4 -----

REL DIST P V2 V3
T M2 M3
0.00000 -0.001281 -0.013826 0.049065
-1.09E-05 0.043554 -0.003625
0.16233 -0.001281 -0.013826 0.049065
-1.09E-05 0.014030 0.004694
0.32466 -0.001281 -0.013826 0.049065
-1.09E-05 0.013043 0.013043
0.48699 -0.001281 -0.013826 0.049065
-1.09E-05 -0.045017 0.021333
0.64930 -0.001281 -0.013826 0.049065
-1.09E-05 -0.074541 0.029652

LOAD -P5 -----

REL DIST P V2 V3
T M2 M3
0.00000 -0.010660 0.015053 -0.005820
1.88E-06 -0.038142 -0.000923
0.16233 -0.010660 0.015053 -0.005820
1.88E-06 -0.001640 -0.009980
0.32466 -0.010660 0.015053 -0.005820
1.88E-06 0.001862 -0.019038
0.48699 -0.010660 0.015053 -0.005820
1.88E-06 0.005364 -0.028096
0.64930 -0.010660 0.015053 -0.005820
1.88E-06 0.008866 -0.037153

LOAD -2N+1-----

REL DIST P V2 V3
T M2 M3
0.00000 -0.023805 -0.541773 0.260253
-8.89E-06 0.231660 -0.069963
0.16233 -0.023805 -0.541773 0.260253
-8.89E-06 0.075060 0.253732
0.32466 -0.023805 -0.541773 0.260253
-8.89E-06 0.081539 0.582028
0.48699 -0.023805 -0.541773 0.260253
-8.89E-06 0.238139 0.908024
0.64930 -0.023805 -0.541773 0.260253
-8.89E-06 -0.394738 1.234020

COMB SETTLE	MAX			
REL DIST	P	V2	V3	
0.35071	M2	M3		
3.65E-05	0.024105	0.142497	0.284483	
0.51304	0.024105	0.142497	0.284483	
3.65E-05	0.260497	0.255615		
0.67536	0.024105	0.142497	0.284483	
3.65E-05	0.089329	0.168177		
0.83768	0.024105	0.142497	0.284483	
3.65E-05	0.081839	0.084139		
1.00000	0.024105	0.142497	0.284483	
3.65E-05	0.253007	0.009649		

COMB SETTLE	MIN			
REL DIST	P	V2	V3	
0.35071	M2	M3		
-3.55E-05	-0.025829	-0.151857	-0.284483	
0.51304	-0.025829	-0.151857	-0.284483	
-3.55E-05	-0.260497	-0.264459		
0.67536	-0.025829	-0.151857	-0.284483	
-3.55E-05	-0.089329	-0.173090		
0.83768	-0.025829	-0.151857	-0.284483	
-3.55E-05	-0.081839	-0.084139		
1.00000	-0.025829	-0.151857	-0.284483	
-3.55E-05	-0.253007	-0.004077		

ELEM 158 ===== LENGTH
= 3.706719

LOAD -A1 =====

REL DIST	P	V2	V3	
0.00000	M2	M3		
-7.78E-07	0.003969	-0.005716	0.004526	
0.16232	-0.000727	-0.012069	0.004526	
-7.78E-07	0.003969	-0.012069	0.004526	
0.32464	-0.000727	-0.012069	0.004526	
-7.78E-07	0.001478	0.008086		
0.48696	-0.000727	-0.012069	0.004526	
-7.78E-07	0.004201	0.016068		
0.64929	-0.000727	-0.012069	0.004526	
-7.78E-07	-0.006925	0.023329		

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FRAME ELEMENT INTERNAL FORCES

LOAD -P1 =====

REL DIST	P	V2	V3	
0.00000	M2	M3		
1.95E-06	0.015916	0.005245	-0.018146	
0.16232	0.014714	0.093542	-0.018146	
1.95E-06	0.004999	0.051038	-0.018146	
0.32464	0.014714	0.093542	-0.018146	
1.95E-06	0.005919	-0.107320	-0.018146	
0.48696	0.014714	0.093542	-0.018146	
1.95E-06	0.015916	0.005245	-0.018146	
0.64929	0.014714	0.093542	-0.018146	
1.95E-06	0.027755	-0.219885		

LOAD -P2 =====

REL DIST	P	V2	V3	
0.00000	M2	M3		
-8.67E-06	-0.016747	-0.150040	0.246272	
0.16232	-0.016747	-0.150040	0.246272	
-8.67E-06	-0.016747	-0.150040	0.246272	
0.32464	-0.016747	-0.150040	0.246272	
-8.67E-06	-0.077052	0.182665		
0.48696	-0.016747	-0.150040	0.246272	
-8.67E-06	-0.229249	0.020819		
0.64929	-0.016747	-0.150040	0.246272	
-8.67E-06	-0.373406	0.363217		

LOAD -P3 =====

REL DIST	P	V2	V3	
0.00000	M2	M3		
1.41E-05	0.006368	0.000261	-0.265271	
0.16232	0.006368	0.000261	-0.265271	
1.41E-05	0.006368	0.000261	-0.265271	
0.32464	0.006368	0.000261	-0.265271	
0.48696	0.006368	0.000261	-0.265271	
1.41E-05	0.006368	0.000261	-0.265271	
0.64929	0.006368	0.000261	-0.265271	
1.41E-05	0.006368	0.000261	-0.265271	

LOAD -P4 =====

REL DIST	P	V2	V3	
0.00000	M2	M3		
-7.82E-06	0.006751	0.023653	0.035428	
0.16232	0.006751	0.023653	0.035428	
-7.82E-06	0.006751	0.023653	0.035428	
0.32464	0.006751	0.023653	0.035428	
-7.82E-06	0.006751	0.023653	0.035428	
0.48696	0.006751	0.023653	0.035428	
-7.82E-06	0.006751	0.023653	0.035428	
0.64929	0.006751	0.023653	0.035428	
-7.82E-06	0.006751	0.023653	0.035428	

LOAD -P5 =====

REL DIST	P	V2	V3	
0.00000	M2	M3		
1.26E-06	-0.000459	0.000303	-0.002810	
0.16232	-0.000459	0.000303	-0.002810	
1.26E-06	-0.000459	0.000303	-0.002810	
0.32464	-0.000459	0.000303	-0.002810	
1.26E-06	-0.000459	0.000303	-0.002810	
0.48696	-0.000459	0.000303	-0.002810	
1.26E-06	-0.000459	0.000303	-0.002810	
0.64929	-0.000459	0.000303	-0.002810	
1.26E-06	-0.000459	0.000303	-0.002810	

LOAD -2N+1- =====

REL DIST	P	V2	V3	
0.00000	M2	M3		
-1.73E-05	0.010722	-0.138456	0.286227	
0.16232	0.010722	-0.138456	0.286227	
-1.73E-05	0.010722	-0.138456	0.286227	
0.32464	0.010722	-0.138456	0.286227	
-1.73E-05	0.010722	-0.138456	0.286227	
0.48696	0.010722	-0.138456	0.286227	
-1.73E-05	0.010722	-0.138456	0.286227	
0.64929	0.010722	-0.138456	0.286227	
-1.73E-05	0.010722	-0.138456	0.286227	

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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2- =====

REL DIST	P	V2	V3	
0.00000	M2	M3		
1.73E-05	0.010722	-0.138456	-0.286227	
0.16232	0.010722	-0.138456	-0.286227	
1.73E-05	0.010722	-0.138456	-0.286227	
0.32464	0.010722	-0.138456	-0.286227	
1.73E-05	0.010722	-0.138456	-0.286227	
0.48696	0.010722	-0.138456	-0.286227	

COMB SETTLE	MAX			
REL DIST	P	V2	V3	
0.00000	0.014714	0.138456	0.286227	
1.73E-05	0.254666	0.005245		
0.16232	0.014714	0.138456	0.286227	
1.73E-05	0.082449	0.092389		
0.32464	0.014714	0.138456	0.286227	
1.73E-05	0.089768	0.126665		
0.48696	0.014714	0.138456	0.286227	
1.73E-05	0.261985	0.272941		
0.64929	0.014714	0.138456	0.286227	
1.73E-05	0.434202	0.363217		

COMB SETTLE	MIN			
REL DIST	P	V2	V3	
0.00000	-0.016747	-0.150040	-0.286227	
-1.73E-05	-0.254666	-0.005716		
0.16232	-0.016747	-0.150040	-0.286227	
-1.73E-05	-0.082449	-0.080243		
0.32464	-0.016747	-0.150040	-0.286227	
-1.73E-05	-0.089768	-0.164109		
0.48696	-0.016747	-0.150040	-0.286227	
-1.73E-05	-0.261985	-0.272941		
0.64929	-0.016747	-0.150040	-0.286227	
-1.73E-05	-0.434202	-0.363217		

ELEM 159 ===== LENGTH
= 3.706656

LOAD -A1 =====

REL DIST	P	V2	V3	
0.00000	M2	M3		
3.5072	-0.001470	-0.003513	0.009143	
-4.62E-07	0.013899	-0.001099	0.009143	
0.51304	-0.001470	-0.003513	0.009143	
3.5072	-0.001470	-0.003513	0.009143	
-4.62E-07	0.006398	-0.008986		
0.51304	-0.001470	-0.003513	0.009143	
-4.62E-07	0.002897	-0.006872		
0.83768	-0.001470	-0.003513	0.009143	
-4.62E-07	-0.002604	-0.004758		
1.00000	-0.001470	-0.003513	0.009143	
-4.62E-07	-0.008105	-0.002644		

LOAD -P1 =====

REL DIST	P	V2	V3	
0.35072	M2	M3		
9.65E-07	0.011146	0.022721	-0.040163	
0.51304	0.011146	0.022721	-0.040163	
9.65E-07	0.011146	0.022721	-0.040163	
0.67536	0.011146	0.022721	-0.040163	
9.65E-07	0.012905	0.025685	-0.040163	
0.83768	0.011146	0.022721	-0.040163	
9.65E-07	0.011360	0.012015	-0.040163	
1.00000	0.011146	0.022721	-0.040163	
9.65E-07	0.035525	-0.001656		

LOAD -P2 =====

REL DIST	P	V2	V3	
0.35072	M2	M3		
3.45E-05	0.005394	0.014689	0.262278	
0.51304	0.005394	0.014689	0.262278	
3.45E-05	0.005394	0.014689	0.262278	
0.67536	0.005394	0.014689	0.262278	
3.45E-05	0.005394	0.014689	0.262278	
0.83768	0.005394	0.014689	0.262278	
3.45E-05	0.005394	0.014689	0.262278	

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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3	
0.83768	M2	M3		
3.45E-05	0.005394	0.014689	0.262278	
1.00000	0.005394	0.014689	0.262278	
3.45E-05	0.005394	0.014689	0.262278	

LOAD -P3 =====

REL DIST	P	V2	V3	
0.35072	M2	M3		
-3.67E-05	-0.027767	-0.150510	-0.246722	
0.51304	-0.027767	-0.150510	-0.246722	
-3.67E-05	-0.225663	-0.258716		
0.67536	-0.027767	-0.150510	-0.246722	
-3.67E-05	-0.077129	-0.168160		
0.83768	-0.027767	-0.150510	-0.246722	
-3.67E-05	-0.071225	-0.077603		
1.00000	-0.027767	-0.150510	-0.246722	
-3.67E-05	-0.219669	-0.012953		

LOAD -P4 =====

REL DIST	P	V2	V3	
0.35072	M2	M3		
1.19E-06	0.025187	0.092458	0.013977	
0.51304	0.025187	0.092458	0.013977	
1.19E-06	0.025187	0.092458	0.013977	
0.67536	0.025187	0.092458	0.013977	
1.19E-06	0.025187	0.092458	0.013977	
0.83768	0.025187	0.092458	0.013977	
1.19E-06	0.025187	0.092458	0.013977	

LOAD -P5 =====

REL DIST	P	V2	V3	

REL DIST P M2 M3 V3
0.35072 -0.057572 -0.422043 -0.261163
-3.52E-05 -0.396212 -1.064754
0.51304 -0.057572 -0.422043 -0.261163
-3.52E-05 -0.239078 -0.810823
0.67536 -0.057572 -0.422043 -0.261163
-3.52E-05 -0.081944 -0.556892
0.83768 -0.057572 -0.422043 -0.261163
0.32464 -0.057572 -0.422043 -0.261163
1.00000 -0.057572 -0.422043 -0.261163
-3.52E-05 -0.232325 -0.049031

COMB SETTLE MAX

REL DIST P M2 M3 V3
0.35072 0.057572 0.422043 0.263485
3.52E-05 0.399434 1.064754 0.263485
0.51304 0.057572 0.422043 0.263485
3.52E-05 0.240903 0.810823 0.263485
0.67536 0.057572 0.422043 0.263485
3.52E-05 0.082372 0.556892 0.263485
0.83768 0.057572 0.422043 0.263485
3.52E-05 0.075191 0.302961 0.263485
1.00000 0.057572 0.422043 0.263485
3.52E-05 0.232325 0.049031

COMB SETTLE MIN

REL DIST P M2 M3 V3
0.35072 -0.057572 -0.422043 -0.261163
-3.98E-05 -0.396212 -1.064754
0.51304 -0.057572 -0.422043 -0.261163
-3.88E-05 -0.239078 -0.810823
0.67536 -0.057572 -0.422043 -0.261163
-2.85E-05 -0.081944 -0.556892
0.83768 -0.057572 -0.422043 -0.261163
-3.88E-05 -0.076158 -0.302961
1.00000 -0.057572 -0.422043 -0.261163
-3.88E-05 -0.234689 -0.049031

ELEM 162 LENGTH
= 3.706864

LOAD -A1

REL DIST P M2 M3 V3
0.00000 0.000836 0.001438 0.012117
-2.85E-06 0.010750 -0.001504 0.012117
0.16232 0.000836 0.001438 0.012117
-2.85E-06 0.003459 -0.002070 0.012117
0.32464 0.000836 0.001438 0.012117
-2.85E-06 -0.003831 -0.003235 0.012117
0.48696 0.000836 0.001438 0.012117
-2.85E-06 -0.011792 -0.004100 0.012117
0.64928 0.000836 0.001438 0.012117
-2.85E-06 -0.018412 -0.004965 0.012117
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< UNEQUAL SETTLEMENT >

FRAME ELEMENT INTERNAL FORCES

LOAD -P1

REL DIST P M2 M3 V3
0.00000 -0.003662 -0.012031 -0.054890
1.21E-05 -0.048722 -0.001005 -0.054890
0.16232 -0.003662 -0.012031 -0.054890
1.21E-05 -0.076697 -0.002033 -0.054890
0.32464 -0.003662 -0.012031 -0.054890
1.21E-05 0.017329 0.013471 -0.054890
0.48696 -0.003662 -0.012031 -0.054890
1.21E-05 0.050354 0.020710 -0.054890
0.64928 -0.003662 -0.012031 -0.054890
1.21E-05 0.083380 0.027948 -0.054890

LOAD -P2

REL DIST P M2 M3 V3
0.00000 0.022089 0.248528 0.265057
-1.39E-05 0.236135 0.019791 0.265057
0.16232 0.022089 0.248528 0.265057
-1.39E-05 -0.076697 -0.012031 0.265057
0.32464 0.022089 0.248528 0.265057
-1.39E-05 -0.082819 -0.279273 0.265057
0.48696 0.022089 0.248528 0.265057
-1.39E-05 -0.240561 -0.420265 0.265057
0.64928 0.022089 0.248528 0.265057
-1.39E-05 -0.401773 -0.578338 0.265057

LOAD -P3

REL DIST P M2 M3 V3
0.00000 -0.024867 -0.490005 -0.215228
-7.67E-07 -0.191756 -0.044874 -0.215228
0.16232 -0.024867 -0.490005 -0.215228
-7.67E-07 -0.062260 -0.249948 -0.215228
0.32464 -0.024867 -0.490005 -0.215228
-7.67E-07 0.067237 0.544769 -0.215228
0.48696 -0.024867 -0.490005 -0.215228
-7.67E-07 0.196733 0.839591 -0.215228
0.64928 -0.024867 -0.490005 -0.215228
-7.67E-07 0.326229 1.134413 -0.215228

LOAD -P4

REL DIST P M2 M3 V3
0.00000 0.016299 0.270234 -0.014154
6.79E-06 -0.012777 0.004106 -0.014154
0.16232 0.016299 0.270234 -0.014154
6.79E-06 -0.004261 -0.121287 -0.014154
0.32464 0.016299 0.270234 -0.014154
6.79E-06 0.002939 0.002839 -0.014154
0.48696 0.016299 0.270234 -0.014154
6.79E-06 0.012771 -0.044647 -0.014154
0.64928 0.016299 0.270234 -0.014154
6.79E-06 0.021287 -0.060963 -0.014154

LOAD -P5

REL DIST P M2 M3 V3
0.00000 -0.010696 -0.018165 0.007098
-1.44E-06 0.000771 -0.013713 0.007098
0.16232 -0.010696 -0.018165 0.007098
-1.44E-06 0.002100 -0.002784 0.007098
0.32464 -0.010696 -0.018165 0.007098
-1.44E-06 -0.008170 -0.008146 0.007098
0.48696 -0.010696 -0.018165 0.007098
-1.44E-06 -0.006441 -0.019075 0.007098
0.64928 -0.010696 -0.018165 0.007098
-1.44E-06 -0.010711 0.030004 0.007098

LOAD -2N+1

REL DIST P M2 M3 V3
0.00000 0.039224 0.520200 0.263020
-9.94E-06 0.234108 0.059592 0.263020
0.16232 0.039224 0.520200 0.263020
-9.94E-06 0.075856 -0.253397 0.263020
0.32464 0.039224 0.520200 0.263020
-9.94E-06 0.082395 -0.566387 0.263020
0.48696 0.039224 0.520200 0.263020
-9.94E-06 -0.240646 -0.879376 0.263020
0.64928 0.039224 0.520200 0.263020
-9.94E-06 0.398898 1.192366 0.263020
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< UNEQUAL SETTLEMENT >

FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2

REL DIST P M2 M3 V3
0.00000 -0.039224 -0.520200 -0.263020
9.94E-06 0.234108 0.059592 -0.263020
0.16232 -0.039224 -0.520200 -0.263020
9.94E-06 -0.075856 -0.253397 -0.263020
0.32464 -0.039224 -0.520200 -0.263020
9.94E-06 0.082395 -0.566387 -0.263020
0.48696 -0.039224 -0.520200 -0.263020
9.94E-06 -0.240646 -0.879376 -0.263020
0.64928 -0.039224 -0.520200 -0.263020
9.94E-06 0.398898 1.192366 -0.263020

COMB SETTLE MIN

REL DIST P M2 M3 V3
0.00000 -0.039224 -0.520200 -0.263020
-1.39E-05 -0.234108 -0.059592 -0.263020
0.16232 -0.039224 -0.520200 -0.263020
-1.39E-05 -0.075856 -0.253397 -0.263020
0.32464 -0.039224 -0.520200 -0.263020
-1.39E-05 -0.082619 -0.566387 -0.263020
0.48696 -0.039224 -0.520200 -0.263020
-1.39E-05 -0.242296 -0.879376 -0.263020
0.64928 -0.039224 -0.520200 -0.263020
-1.39E-05 -0.401773 -1.192366 -0.263020

ELEM 163 LENGTH
= 3.705803

LOAD -A1

REL DIST P M2 M3 V3
0.00000 0.001711 0.005042 0.013313
-7.98E-07 0.020197 0.015771 0.013313
0.51310 0.001711 0.005042 0.013313
-7.98E-07 0.012190 0.012738 0.013313
0.16232 0.001711 0.005042 0.013313
-7.98E-07 0.004183 0.009705 0.013313
0.83770 0.001711 0.005042 0.013313
-7.98E-07 -0.003824 0.006673 0.013313
1.00000 0.001711 0.005042 0.013313
-7.98E-07 -0.011831 0.003640 0.013313

LOAD -P1

REL DIST P M2 M3 V3
0.00000 -0.006528 -0.034478 -0.060490
2.85E-06 0.018125 -0.005303 -0.060490
0.51310 -0.006528 -0.034478 -0.060490
2.85E-06 -0.055444 -0.082481 -0.060490
0.67540 -0.006528 -0.034478 -0.060490
2.85E-06 0.019062 -0.061744 -0.060490
0.83770 -0.006528 -0.034478 -0.060490
2.85E-06 0.017319 -0.041007 -0.060490
1.00000 -0.006528 -0.034478 -0.060490
2.85E-06 0.053701 -0.020270 -0.060490

LOAD -P2

REL DIST P M2 M3 V3
0.00000 0.009703 0.512311 0.250157
3.40E-05 0.376890 1.215984 0.250157
0.51310 0.009703 0.512311 0.250157
3.40E-05 0.228523 0.908704 0.250157
0.67540 0.009703 0.512311 0.250157
3.40E-05 0.078066 0.800574 0.250157
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< UNEQUAL SETTLEMENT >

FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.83770 0.009703 0.512311 0.250157
3.40E-05 -0.072391 0.292444 0.250157
1.00000 0.009703 0.512311 0.250157
3.40E-05 -0.22848 -0.015686 0.250157

LOAD -P3

REL DIST P M2 M3 V3
0.00000 0.002701 -0.978713 -0.168516
-4.20E-05 -0.255417 -0.977820 -0.168516
0.51310 0.002701 -0.978713 -0.168516
-4.20E-05 -0.154063 -1.690172 -0.168516
0.67540 0.002701 -0.978713 -0.168516
-4.20E-05 -0.052709 -1.101524 -0.168516
0.83770 0.002701 -0.978713 -0.168516
-4.20E-05 0.048645 -0.512877 -0.168516
1.00000 0.002701 -0.978713 -0.168516
-4.20E-05 0.149998 0.075771 -0.168516

LOAD -P4

REL DIST P M2 M3 V3
0.35080 0.004743 0.527979 -0.047919
6.53E-06 -0.072264 1.227918 -0.047919
0.51310 0.004743 0.527979 -0.047919
6.53E-06 -0.043443 0.910364 -0.047919
0.67540 0.004743 0.527979 -0.047919
6.53E-06 -0.04622 0.592810 -0.047919
0.83770 0.004743 0.527979 -0.047919
6.53E-06 0.014199 0.275257 -0.047919
1.00000 0.004743 0.527979 -0.047919
6.53E-06 0.043020 -0.042297 -0.047919

LOAD -P5

REL DIST P M2 M3 V3
0.35080 -0.012329 -0.032141 0.013455
-6.33E-07 0.020330 -0.078485 0.013455
0.51310 -0.012329 -0.032141 0.013455
-6.33E-07 -0.012237 0.012237 0.013455
0.67540 -0.012329 -0.032141 0.013455
-6.33E-07 0.004145 -0.039822 0.013455
0.83770 -0.012329 -0.032141 0.013455
-6.33E-07 -0.003947 -0.003949 0.013455
1.00000 -0.012329 -0.032141 0.013455
-6.33E-07 -0.012040 -0.001159 0.013455

LOAD -2N+2

REL DIST P M2 M3 V3
0.35080 -0.016157 -1.045333 -0.215551
-3.97E-05 -0.326913 -2.460522 -0.215551
0.51310 -0.016157 -1.045333 -0.215551
-3.97E-05 -0.197270 -1.831806 -0.215551
0.67540 -0.016157 -1.045333 -0.215551
-3.97E-05 -0.067627 -1.203090 -0.215551
0.83770 -0.016157 -1.045333 -0.215551
-3.97E-05 0.062016 -0.574374 -0.215551
1.00000 -0.016157 -1.045333 -0.215551
-3.97E-05 0.191660 0.054342 -0.215551

COMB SETTLE MAX

REL DIST P M2 M3 V3
0.35080 0.016157 1.045333 0.250157
3.97E-05 0.376890 1.215984 0.250157
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< UNEQUAL SETTLEMENT >

FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.51310 0.016157 1.045333 0.250157
3.97E-05 0.228523 1.831806 0.250157
0.67540 0.016157 1.045333 0.250157
3.97E-05 0.078066 1.203090 0.250157
0.83770 0.016157 1.045333 0.250157
3.97E-05 0.062016 0.574374 0.250157
1.00000 0.016157 1.045333 0.250157
3.97E-05 0.191660 0.075771 0.250157

COMB SETTLE MIN

REL DIST P M2 M3 V3
0.35080 -0.016157 -1.045333 -0.215551
-4.20E-05 -0.326913 -2.460522 -0.215551
0.51310 -0.016157 -1.045333 -0.215551
-4.20E-05 -0.197270 -1.831806 -0.215551
0.67540 -0.016157 -1.045333 -0.215551
-4.20E-05 -0.067627 -1.203090 -0.215551
0.83770 -0.016157 -1.045333 -0.215551
-4.20E-05 -0.072391 -0.574374 -0.215551
1.00000 -0.016157 -1.045333 -0.215551
-4.20E-05 -0.22848 -0.054342 -0.215551

ELEM 164 LENGTH
= 3.706801

LOAD -A1

REL DIST P M2 M3 V3
0.00000 0.001649 0.008794 0.013351
-3.51E-06 0.011864 0.003498 0.013351
0.16232 0.001649 0.008794 0.013351
-3.51E-06 0.003881 -0.001793 0.013351
0.32464 0.001649 0.008794 0.013351
-3.51E-06 -0.004202 -0.007084 0.013351
0.48697 0.001649 0.008794 0.013351
-3.51E-06 0.012236 0.012375 0.013351
0.64929 0.001649 0.008794 0.013351
-3.51E-06 -0.020269 -0.017667 0.013351

LOAD -P1

REL DIST P M2 M3 V3
0.00000 -0.006301 -0.052173 -0.060947
1.54E-05 -0.054187 -0.019600 -0.060947
0.16232 -0.006301 -0.052173 -0.060947
1.54E-05 -0.017515 0.011793 -0.060947
0.32464 -0.006301 -0.052173 -0.060947
1.54E-05 0.019157 0.043186 -0.060947
0.48697 -0.006301 -0.052173 -0.060947
1.54E-05 0.055828 0.074678 -0.060947
0.64929 -0.006301 -0.052173 -0.060947
1.54E-05 0.092500 0.105971 -0.060947

LOAD -P2

REL DIST P M2 M3 V3
0.00000 0.002701 -0.978713 -0.168516
-4.44E-05 0.002701 -0.978713 -0.168516
0.16232 0.002701 -0.978713 -0.168516
-4.44E-05 0.002701 -0.978713 -0.168516
0.32464 -0.002701 -0.978713 -0.168516
-4.44E-05 0.002701 -0.978713 -0.168516
0.48697 0.002701 -0.978713 -0.168516
-4.44E-05 0.002701 -0.978713 -0.168516
0.64929 0.002701 -0.978713 -0.168516
-4.44E-05 0.002701 -0.978713 -0.168516

LOAD -P3

REL DIST P M2 M3 V3
0.00000 0.017664 -0.927136 -0.169882
-8.82E-06 0.017664 -0.927136 -0.169882
0.16232 0.017664 -0.927136 -0.169882
-8.82E-06 -0.049131 0.618741 -0.169882
0.32464 0.017664 -0.927136 -0.169882
-8.82E-06 0.002701 1.17699 -0.169882
0.48697 0.017664 -0.927136 -0.169882
-8.82E-06 0.155306 1.734457 -0.169882
0.64929 0.017664 -0.927136 -0.169882
-8.82E-06 0.025424 2.292325 -0.169882
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< UNEQUAL SETTLEMENT >

FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.00000 -0.005441 0.485421 -0.047581
1.44E-05 -0.042618 -0.031839 -0.047581
0.16232 -0.005441 0.485421 -0.047581
1.44E-05 -0.013989 -0.323917 -0.047581
0.32464 -0.005441 0.485421 -0.047581
1.44E-05 -0.004641 0.615995 -0.047581
0.48697 -0.005441 0.485421 -0.047581
1.44E-05 0.043270 -0.908073 -0.047581
0.64929 -0.005441 0.485421 -0.047581
1.44E-05 0.071900 -1.220151 -0.047581

LOAD -P5

REL DIST P M2 M3 V3
0.00000 -0.010368 -0.024521 0.013528
-3.04E-06 -0.012115 -0.003039 0.013528
0.16232 -0

3.27E-05 0.228443 4.214190
0.51302 -0.107850 1.729026
3.27E-05 -0.138044 3.173746
0.67534 -0.107850 1.729026
3.27E-05 0.047645 2.133303
0.83767 -0.107850 1.729026
3.27E-05 -0.042754 1.092859
1.00000 -0.107850 1.729026
3.27E-05 -0.133154 0.052416

LOAD -2N+2-----

REL DIST P M2 M3 V3
0.35069 0.107850 -1.729026 -0.150227
-3.27E-05 -0.228443 -4.214190
0.51302 0.107850 -1.729026 -0.150227
-3.27E-05 -0.138044 -3.173746
0.67534 0.107850 -1.729026 -0.150227
3.27E-05 -0.047645 -2.133303
0.83767 0.107850 -1.729026 -0.150227
-3.27E-05 0.042754 1.092859
1.00000 0.107850 -1.729026 -0.150227
-3.27E-05 0.133154 -0.052416

COMB SETTLE ----- MAX

REL DIST P M2 M3 V3
0.35069 0.125479 4.214190 0.222003
3.27E-05 0.337235 1.729026 0.222003
0.51302 0.125479 1.729026 0.222003
-3.27E-05 0.203645 3.173746 0.222003
0.67534 0.125479 1.729026 0.222003
3.27E-05 0.070055 2.133303 0.222003
0.83767 0.125479 1.729026 0.222003
3.27E-05 0.042754 1.092859 0.222003
1.00000 0.125479 1.729026 0.222003
3.27E-05 0.133154 0.052416

COMB SETTLE ----- MIN

REL DIST P M2 M3 V3
0.35069 -0.107850 -1.729026 -0.150227
-3.59E-05 -0.228443 -4.214190
0.51302 -0.107850 -1.729026 -0.150227
-3.59E-05 -0.138044 -3.173746
0.67534 -0.107850 -1.729026 -0.150227
-3.59E-05 -0.047645 -2.133303
0.83767 -0.107850 -1.729026 -0.150227
-3.59E-05 -0.063536 -1.092859
1.00000 -0.107850 -1.729026 -0.150227
-3.59E-05 -0.191726 -0.052416

ELEM 166 ===== LENGTH
3.707019

LOAD -A1-----

REL DIST P M2 M3 V3
0.00000 0.002338 0.016755 0.012984
-3.15E-06 0.011503 0.005429
0.16233 0.003369 0.016755 0.012984
-3.15E-06 0.003690 0.000463
0.32466 0.002338 0.016755 0.012984
-3.15E-06 -0.004123 -0.014735
0.46939 0.002338 0.016755 0.012984
-3.15E-06 0.011503 0.005429
0.64931 0.002338 0.016755 0.012984
-3.15E-06 -0.019749 -0.034899
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FRAME ELEMENT INTERNAL FORCES

LOAD -P1-----

REL DIST P M2 M3 V3
0.00000 -0.002997 -0.095011 -0.059302
1.39E-05 -0.052564 -0.024243
0.16233 -0.002338 0.003931
0.32466 -0.002997 -0.095011 -0.059302
1.39E-05 -0.018806 0.090104
0.46939 -0.002338 0.003931
0.64931 -0.002997 -0.095011 -0.059302
1.39E-05 0.054491 -0.174728
0.64931 -0.002997 -0.095011 -0.059302
1.39E-05 0.090177 0.204451

LOAD -P2-----

REL DIST P M2 M3 V3
0.00000 -0.073325 0.937444 0.223915
-1.01E-05 0.198921 0.031518
0.16233 -0.073325 0.937444 0.223915
-1.01E-05 -0.04179 0.032931
0.32466 -0.073325 0.937444 0.223915
-1.01E-05 -0.070564 -0.096705
0.46939 -0.073325 0.937444 0.223915
-1.01E-05 -0.016306 0.032931
0.64931 -0.073325 0.937444 0.223915
-1.01E-05 -0.340048 -2.224928

LOAD -P3-----

REL DIST P M2 M3 V3
0.00000 0.154701 -1.723708 -0.113682
-1.66E-05 -0.101062 -0.031290
0.16233 0.154701 -1.723708 -0.113682
0.32466 -0.032953 1.005959
-1.66E-05 0.154701 -1.723708 -0.113682
-1.66E-05 0.035756 2.043209
0.46939 0.154701 -1.723708 -0.113682
-1.66E-05 0.104165 3.080458
0.64931 0.154701 -1.723708 -0.113682
-1.66E-05 0.172574 4.117708

LOAD -P4-----

REL DIST P M2 M3 V3
0.00000 -0.072489 0.919184 -0.084382
2.08E-05 -0.075011 0.036936
0.16233 -0.072489 0.919184 -0.084382
0.32466 -0.024233 -0.516187
2.08E-05 -0.072489 0.919184 -0.084382
2.08E-05 0.026544 0.069310
0.46939 -0.072489 0.919184 -0.084382
2.08E-05 0.077321 -1.622433
0.64931 -0.072489 0.919184 -0.084382
2.08E-05 0.128099 2.175356

LOAD -P5-----

REL DIST P M2 M3 V3
0.00000 -0.008229 -0.054663 0.020467
4.89E-06 -0.008229 -0.054663 0.020467
0.16233 -0.008229 -0.054663 0.020467
-4.89E-06 0.005897 0.014543
0.32466 -0.008229 -0.054663 0.020467
4.89E-06 -0.008229 -0.054663 0.020467
0.46939 -0.008229 -0.054663 0.020467
-4.89E-06 -0.018736 0.080330
0.64931 -0.008229 -0.054663 0.020467
-4.89E-06 -0.031052 0.113224

LOAD -2N+1-----

REL DIST P M2 M3 V3
0.00000 -0.143475 1.873382 0.152517
7.62E-06 0.135413 1.073883
0.16233 -0.143475 1.873382 0.152517
7.62E-06 0.043635 -1.053433
0.32466 -0.143475 1.873382 0.152517
7.62E-06 -0.048143 2.180750
0.46939 -0.143475 1.873382 0.152517

7.62E-06 -0.139921 -3.308066
0.64931 -0.143475 1.873382 0.152517
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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-----

COMB SETTLE ----- MAX

REL DIST P M2 M3 V3
0.00000 0.154701 1.873382 0.223915
2.08E-05 0.198921 0.031518
0.16233 0.154701 1.873382 0.223915
2.08E-05 0.064179 1.053433
0.32466 0.154701 1.873382 0.223915
2.08E-05 0.048143 2.180750
0.46939 0.154701 1.873382 0.223915
2.08E-05 0.139921 3.308066
0.64931 0.154701 1.873382 0.223915
2.08E-05 0.231698 4.435383

COMB SETTLE ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.143475 -1.873382 -0.152517
-1.66E-05 -0.135413 -1.073883
0.16233 -0.143475 -1.873382 -0.152517
-1.66E-05 -0.043635 -1.053433
0.32466 -0.143475 -1.873382 -0.152517
-1.66E-05 -0.070564 -2.180750
0.46939 -0.143475 -1.873382 -0.152517
-1.66E-05 -0.205306 -3.308066
0.64931 -0.143475 -1.873382 -0.152517
-1.66E-05 -0.340048 -4.435383

ELEM 167 ===== LENGTH
3.707315

LOAD -A1-----

REL DIST P M2 M3 V3
0.35066 0.002369 0.020004 0.012173
-8.63E-07 0.017935 0.056221
0.51299 0.002369 0.020004 0.012173
-8.63E-07 0.010608 0.044182
0.67533 0.002369 0.020004 0.012173
-8.63E-07 0.003262 0.032143
0.83766 0.002369 0.020004 0.012173
-8.63E-07 0.040404 0.020104
1.00000 0.002369 0.020004 0.012173
-8.63E-07 -0.011370 0.008066

LOAD -P1-----

REL DIST P M2 M3 V3
0.35066 0.006254 -0.116272 -0.055011
3.50E-06 -0.081079 -0.312051
0.51299 0.006254 -0.116272 -0.055011
3.50E-06 -0.047971 -0.242075
0.67533 0.006254 -0.116272 -0.055011
3.50E-06 -0.014864 -0.072099
0.83766 0.006254 -0.116272 -0.055011
3.50E-06 0.018244 -0.102123
1.00000 0.006254 -0.116272 -0.055011
3.50E-06 0.051351 -0.032147

LOAD -P2-----

REL DIST P M2 M3 V3
0.35066 -0.186880 1.239910 0.198001
2.13E-05 -0.291458 2.969599
0.51299 -0.186880 1.239910 0.198001
2.13E-05 0.172295 2.243617
0.67533 -0.186880 1.239910 0.198001
2.13E-05 0.051333 0.032143
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.83766 -0.186880 1.239910 0.198001
2.13E-05 -0.066030 0.751190
1.00000 -0.186880 1.239910 0.198001
2.13E-05 -0.185193 0.004976

LOAD -P3-----

REL DIST P M2 M3 V3
0.35066 0.318733 -2.297063 -0.052007
2.15E-05 -0.076190 -5.491140
0.51299 0.318733 -2.297063 -0.052007
2.15E-05 -0.044890 -4.108702
0.67533 0.318733 -2.297063 -0.052007
2.15E-05 -0.013591 -2.726263
0.83766 0.318733 -2.297063 -0.052007
2.15E-05 0.017708 1.343825
1.00000 0.318733 -2.297063 -0.052007
2.15E-05 0.049008 0.038613

LOAD -P4-----

REL DIST P M2 M3 V3
0.35066 -0.127077 1.216982 -0.132715
-1.02E-06 -0.195725 2.924637
0.51299 -0.127077 1.216982 -0.132715
-1.02E-06 -0.115554 2.924637
0.67533 -0.127077 1.216982 -0.132715
-1.02E-06 -0.035982 1.459807
0.83766 -0.127077 1.216982 -0.132715
-1.02E-06 0.043890 0.273392
1.00000 -0.127077 1.216982 -0.132715
-1.02E-06 0.123762 -0.005023

LOAD -P5-----

REL DIST P M2 M3 V3
0.35066 -0.013399 -0.063561 0.029559
-1.34E-06 0.043601 -0.167496
0.51299 -0.013399 -0.063561 0.029559
-1.34E-06 0.025411 -0.229444
0.67533 -0.013399 -0.063561 0.029559
-1.34E-06 0.008022 -0.090991
0.83766 -0.013399 -0.063561 0.029559
-1.34E-06 -0.009768 -0.037388
1.00000 -0.013399 -0.063561 0.029559
-1.34E-06 -0.027557 -0.014485

LOAD -2N+1-----

REL DIST P M2 M3 V3
0.35066 -0.311588 2.476896 0.077459

1.94E-05 0.113667 5.970688
0.51299 -0.311588 2.476896 0.077459
1.94E-05 0.005040 4.480021
0.67533 -0.311588 2.476896 0.077459
1.94E-05 0.020433 2.989353
0.83766 -0.311588 2.476896 0.077459
1.94E-05 0.026184 1.498686
1.00000 -0.311588 2.476896 0.077459
1.94E-05 -0.072802 0.008019

LOAD -2N+2-----

REL DIST P M2 M3 V3
0.35066 0.318733 2.476896 -0.077459
-1.94E-05 -0.113667 -5.970688
0.51299 0.318733 2.476896 -0.077459
-1.94E-05 -0.067050 -4.480021
0.67533 0.318733 2.476896 -0.077459
-1.94E-05 -0.020433 2.989353
0.83766 0.318733 2.476896 -0.077459
-1.94E-05 0.026184 1.498686
1.00000 0.318733 2.476896 -0.077459
-1.94E-05 0.072802 0.008019

COMB SETTLE ----- MAX

REL DIST P M2 M3 V3
0.35066 0.318733 2.476896 0.198001
2.13E-05 0.291458 2.969599
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.51299 0.318733 2.476896 0.198001
1.94E-05 0.172295 2.243617
0.67533 0.318733 2.476896 0.198001
2.13E-05 0.051333 0.032143
0.83766 0.318733 2.476896 0.198001
2.13E-05 0.043890 1.498686
1.00000 0.318733 2.476896 0.198001
2.13E-05 0.123762 0.038613

COMB SETTLE ----- MIN

REL DIST P M2 M3 V3
0.35066 -0.311588 -2.476896 -0.132715
1.94E-05 -0.113667 -5.970688
0.51299 -0.311588 -2.476896 -0.132715
-2.15E-05 -0.115854 -4.480021
0.67533 -0.311588 -2.476896 -0.132715
-2.15E-05 0.005982 0.298933
0.83766 -0.311588 -2.476896 -0.132715
-2.15E-05 -0.066030 -1.498686
1.00000 -0.311588 -2.476896 -0.132715
-2.15E-05 -0.185193 -0.032147

ELEM 168 ===== LENGTH
3.706317

LOAD -A1-----

REL DIST P M2 M3 V3
0.00000 0.004572 0.026582 0.012243
-2.85E-06 0.011428 0.008548
0.16231 0.004572 0.026582
-3.15E-06 0.004063 0.007443
0.32462 0.004572 0.026582
-2.85E-06 -0.003302 -0.023434
0.46925 0.004572 0.026582
-2.85E-06 0.010668 0.039426
0.64925 0.004572 0.026582 0.012243
0.83766 -0.018033 -0.055417

LOAD -P1-----

REL DIST P M2 M3 V3
0.00000 -0.003473 -0.147035 -0.055575
1.27E-05 -0.051898 -0.034425
0.16231 -0.003473 -0.147035 -0.055575
1.27E-05 -0.018465 0.050429
0.32462 -0.003473 -0.147035 -0.055575
1.27E-05 0.014967 0.142481
0.46925 -0.003473 -0.147035 -0.055575
1.27E-05 0.048400 0.239934
0.64925 -0.003473 -0.147035 -0.055575
1.27E-05 0.081833 0.319387

LOAD -P2-----

REL DIST P M2 M3 V3
0.00000 -0.151851 1.310090 0.199958
-1.20E-05 0.186979 0.014124
0.16231 -0.151851 1.310090 0.199958
-1.20E-05 0.066689 0.173998
0.32462 -0.151851 1.310090 0.199958
-1.20E-05 -0.053601 -1.562121
0.46925 -0.151851 1.310090 0.199958
-1.20E-05 0.173892 -2.350244
0.64925 -0.151851 1.310090 0.199958
-1.20E-05 -0.294182 -3.138367

LOAD -P3-----

REL DIST P M2 M3 V3
0.00000 0.334677 -2.376558 -0.053565
-1.05E-05 0.050544 0.023639
0.16231 0.334677 -2.376558 -0.053565
-1.05E-05 -0.018321 1.454590
0.32462 0.334677 -2.376558 -0.053565
0.46925 0.334677 -2.376558 -0.053565
-1.05E-05 0.046127 4.316493
0.64925 0.334677 -2.376558 -0.053565
-1.05E-05 0.073550 5.747444
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FRAME ELEMENT INTERNAL FORCES

LOAD -P4-----

REL DIST P M2 M3 V3
0.00000 -0.182137 1.260810 -0.132885
1.86E-05 -0.123777 0.004267
0.16231 -0.182137 1.260810 -0.132885
1.86E-05 -0.043836 -1.542410
0.32462 -0.182137 1.260810 -0.132885
1.86E-05 0.036104 -1.512687
0.46925 -0.182137 1.260810 -0.132885
1.86E-05 0.116045 -2.271164
0.64925 -0.182137 1.260810 -0.132885
1.86E-05 0.195985 -3.029642

LOAD -P5-----

REL DIST P M2 M3 V3
0.00000 -0.001789 -0.071790 0.029823
-6.00E-06 0.009780 0.027033
0.32462 -0.001789 -0.071790 0.029823
-6.00E-06 0.000071 0.002020
0.46925 -0.001789 -0.071790 0.029823
-6.00E-06 -0.026010 0.113407
0.64925 -0.001789 -0.071790 0.029823
-6.00E-06 -0.043953 0.156595

LOAD -2N+1-----

</

REL DIST	P	M2	V2	V3
0.83768	-0.009388	-0.081870		0.037223
-1.34E-06	-0.013851	-0.065131		
1.00000	-0.009388	-0.081870		0.037223
-1.34E-06	-0.036246	-0.015874		
LOAD -2N+1-				
REL DIST	P	M2	V2	V3
0.35073	-0.378700	2.799593		0.017144
-2.70E-06	-0.024575	6.613900		
0.51305	-0.378700	2.799593		0.017144
-2.70E-06	-0.012660	-4.929535		
0.67536	-0.378700	2.799593		0.017144
-2.70E-06	-0.003946	3.245171		
0.83768	-0.378700	2.799593		0.017144
-2.70E-06	-0.006369	1.560806		
1.00000	-0.378700	2.799593		0.017144
-2.70E-06	-0.016684	-0.123559		

REL DIST	P	M2	V2	V3
0.35073	0.378700	-2.799593		-0.017144
-2.70E-06	-0.024575	-6.613900		
0.51305	0.378700	-2.799593		-0.017144
-2.70E-06	-0.012660	-4.929535		
0.67536	0.378700	-2.799593		-0.017144
-2.70E-06	-0.003946	-3.245171		
0.83768	0.378700	-2.799593		-0.017144
-2.70E-06	-0.006369	-1.560806		
1.00000	0.378700	-2.799593		-0.017144
-2.70E-06	-0.016684	-0.123559		

REL DIST	P	M2	V2	V3
0.35073	0.378700	-2.799593		-0.017144
-2.70E-06	-0.024575	-6.613900		
0.51305	0.378700	-2.799593		-0.017144
-2.70E-06	-0.012660	-4.929535		
0.67536	0.378700	-2.799593		-0.017144
-2.70E-06	-0.003946	-3.245171		
0.83768	0.378700	-2.799593		-0.017144
-2.70E-06	-0.006369	-1.560806		
1.00000	0.378700	-2.799593		-0.017144
-2.70E-06	-0.016684	-0.123559		

REL DIST	P	M2	V2	V3
0.35073	0.378700	-2.799593		-0.017144
-2.70E-06	-0.024575	-6.613900		
0.51305	0.378700	-2.799593		-0.017144
-2.70E-06	-0.012660	-4.929535		
0.67536	0.378700	-2.799593		-0.017144
-2.70E-06	-0.003946	-3.245171		
0.83768	0.378700	-2.799593		-0.017144
-2.70E-06	-0.006369	-1.560806		
1.00000	0.378700	-2.799593		-0.017144
-2.70E-06	-0.016684	-0.123559		

REL DIST	P	M2	V2	V3
0.35073	-0.378700	-2.799593		-0.172304
-1.08E-05	-0.246770	-6.613900		
0.51305	-0.378700	-2.799593		-0.172304
-1.08E-05	-0.143104	-4.929535		
0.67536	-0.378700	-2.799593		-0.172304
-1.08E-05	-0.064388	-3.245171		
0.83768	-0.378700	-2.799593		-0.172304
-1.08E-05	-0.066440	-1.560806		
1.00000	-0.378700	-2.799593		-0.172304
-1.08E-05	-0.173704	-0.123559		

REL DIST	P	M2	V2	V3
0.00000	0.002887	0.020645		0.011193
-2.45E-06	0.010899	0.007267		
0.16234	0.002887	0.020645		0.011193
-2.45E-06	0.004162	0.005160		
0.32468	0.002887	0.020645		0.011193
-2.45E-06	-0.002575	-0.017586		
0.48703	0.002887	0.020645		0.011193
-2.45E-06	-0.009312	-0.030012		
0.64937	0.002887	0.020645		0.011193
-2.45E-06	0.016049	-0.024439		
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REL DIST	P	M2	V2	V3
0.00000	0.008106	-0.125130		-0.050287
-1.55E-05	-0.048983	0.025995		
0.16234	0.008106	-0.125130		-0.050287
-1.55E-05	-0.018716	0.049320		
0.32468	0.008106	-0.125130		-0.050287
-1.55E-05	0.011552	0.246335		
0.48703	0.008106	-0.125130		-0.050287
-1.55E-05	0.041820	0.199590		
0.64937	0.008106	-0.125130		-0.050287
-1.55E-05	0.072087	0.275266		

REL DIST	P	M2	V2	V3
0.00000	-0.219974	1.366605		0.178861
-1.55E-05	-0.174228	-0.059327		
0.16234	-0.219974	1.366605		0.178861
-1.55E-05	-0.065722	-0.981791		
0.32468	-0.219974	1.366605		0.178861
-1.55E-05	-0.041084	-1.704345		
0.48703	-0.219974	1.366605		0.178861
-1.55E-05	-0.248740	-2.508798		
0.64937	-0.219974	1.366605		0.178861
-1.55E-05	-0.256396	-3.349452		

REL DIST	P	M2	V2	V3
0.00000	0.409673	-2.506749		-0.004467
-1.01E-06	-0.004358	0.148277		
0.16234	0.409673	-2.506749		-0.004467
-1.01E-06	-0.001870	1.657078		
0.32468	0.409673	-2.506749		-0.004467
-1.01E-06	0.001019	3.165880		
0.48703	0.409673	-2.506749		-0.004467
-1.01E-06	0.003707	4.674681		
0.64937	0.409673	-2.506749		-0.004467
-1.01E-06	0.006396	6.183482		

REL DIST	P	M2	V2	V3
0.00000	-0.195001	1.335151		-0.172760
-1.25E-05	-0.168280	-0.052873		
0.16234	-0.195001	1.335151		-0.172760
-1.25E-05	-0.064296	-0.856495		
0.32468	-0.195001	1.335151		-0.172760
-1.25E-05	0.039688	-1.680116		
0.48703	-0.195001	1.335151		-0.172760
-1.25E-05	0.143672	-2.463738		
0.64937	-0.195001	1.335151		-0.172760
-1.25E-05	0.247656	-3.267360		

REL DIST	P	M2	V2	V3
0.00000	-0.005692	-0.090522		0.037460
-6.52E-06	-0.012694	0.019138		
0.16234	-0.005692	-0.090522		0.037460
-6.52E-06	0.013947	0.037047		
0.32468	-0.005692	-0.090522		0.037460
-6.52E-06	-0.008600	0.091532		
0.48703	-0.005692	-0.090522		0.037460
-6.52E-06	-0.031147	1.146017		
0.64937	-0.005692	-0.090522		0.037460
-6.52E-06	-0.053693	0.200503		

REL DIST	P	M2	V2	V3
0.00000	-0.412089	2.722401		0.017294
-5.43E-06	0.016847	-0.104844		
0.16234	-0.412089	2.722401		0.017294
-5.43E-06	0.006438	-1.743445		
0.32468	-0.412089	2.722401		0.017294
-5.43E-06	-0.003971	-3.003971		
0.48703	-0.412089	2.722401		0.017294
-5.43E-06	-0.014380	-5.020649		
0.64937	-0.412089	2.722401		0.017294
-5.43E-06	-0.024789	-6.659250		
Program	SAP2000	Nonlinear	Version 7.42	
File:	상행S11-S1504.OUT			

REL DIST	P	M2	V2	V3
0.00000	0.412089	-2.722401		-0.017294
-5.43E-06	0.016847	-0.104844		
0.16234	0.412089	-2.722401		-0.017294
-5.43E-06	-0.006438	-1.743445		
0.32468	0.412089	-2.722401		-0.017294
-5.43E-06	0.003971	3.003971		
0.48703	0.412089	-2.722401		-0.017294
-5.43E-06	0.014380	5.020649		
0.64937	0.412089	-2.722401		-0.017294
-5.43E-06	0.024789	6.659250		

REL DIST	P	M2	V2	V3
0.00000	0.412089	-2.722401		-0.178861
-1.25E-05	0.174228	-0.059327		
0.16234	0.412089	-2.722401		-0.178861
-1.25E-05	0.066572	-1.743445		
0.32468	0.412089	-2.722401		-0.178861
-1.25E-05	0.009689	3.003971		
0.48703	0.412089	-2.722401		-0.178861
-1.25E-05	0.143672	5.020649		
0.64937	0.412089	-2.722401		-0.178861
-1.25E-05	0.247656	6.659250		

REL DIST	P	M2	V2	V3
0.00000	-0.412089	-2.722401		-0.172760
-1.55E-05	-0.168280	-0.104844		
0.16234	-0.412089	-2.722401		-0.172760
-1.55E-05	-0.064296	-1.743445		
0.32468	-0.412089	-2.722401		-0.172760
-1.55E-05	-0.041084	-3.003971		
0.48703	-0.412089	-2.722401		-0.172760
-1.55E-05	-0.148740	-5.020649		
0.64937	-0.412089	-2.722401		-0.172760
-1.55E-05	-0.256396	-6.659250		

REL DIST	P	M2	V2	V3
0.00000	0.004641	0.011538		0.008580
-7.59E-07	0.012653	0.033718		
0.51302	0.004641	0.011538		0.008580
-7.59E-07	0.007490	0.026775		
0.67535	0.004641	0.011538		0.008580
-7.59E-07	0.002327	0.019832		
0.83767	0.004641	0.011538		0.008580
-7.59E-07	-0.002635	0.012889		
1.00000	0.004641	0.011538		0.008580
-7.59E-07	-0.007998	0.005946		

REL DIST	P	M2	V2	V3
0.35070	-0.003491	-0.078174		-0.037814
-3.63E-06	-0.055790	-0.208838		
0.51302	-0.003491	-0.078174		-0.037814
-3.63E-06	-0.033036	-0.161799		
0.67535	-0.003491	-0.078174		-0.037814
-3.63E-06	-0.010282	-1.114760		
0.83767	-0.003491	-0.078174		-0.037814
-3.63E-06	0.012472	-0.087721		
1.00000	-0.003491	-0.078174		-0.037814
-3.63E-06	0.035225	-0.020682		

REL DIST	P	M2	V2	V3
0.35070	-0.145818	1.231225		0.135535
-2.20E-05	0.064101	-5.473282		
0.51302	-0.145818	1.231225		0.135535
-9.12E-07	0.118331	2.208146		
0.67535	-0.145818	1.231225		0.135535
-9.12E-07	0.036776	1.036776		
Program	SAP2000	Nonlinear	Version 7.42	
File:	상행S11-S1504.OUT			

REL DIST	P	M2	V2	V3
0.00000	-0.203437	1.278423		0.135746
-2.09E-05	0.126405	-0.004250		
0.16230	-0.203437	1.278423		0.135746
-2.09E-05	0.044757	-0.773189		
0.32460	-0.203437	1.278423		0.135746
-2.09E-05	-0.036891	-1.542129		
0.48691	-0.203437	1.278423		0.1

-3.42E-05 0.073262 0.152403
1.00000 0.025017 0.210864
-3.42E-05 0.225601 0.025527

LOAD -P5

REL DIST T M2 M3 V3
0.35071 -0.010116 -0.012660 0.039615
-3.15E-07 0.060187 -0.038556
0.51303 0.056464 -0.018284 0.039615
-3.15E-07 0.036351 -0.030938
0.67535 -0.010116 -0.012660 0.039615
-3.15E-07 0.012514 0.023321
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1504.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.83768 -0.010116 -0.012660 0.039615
-3.15E-07 -0.011322 -0.015703
1.00000 -0.010116 -0.012660 0.039615
-3.15E-07 -0.035158 -0.008085

LOAD -2N+1

REL DIST T M2 M3 V3
0.35071 0.056464 0.418284 -0.245966
-3.95E-05 -0.373081 1.072894
0.51303 0.056464 0.418284 -0.245966
-3.95E-05 -0.225085 0.821215
0.67535 0.056464 0.418284 -0.245966
-3.95E-05 -0.077088 0.569536
0.83768 0.056464 0.418284 -0.245966
-3.95E-05 -0.070908 0.317857
1.00000 0.056464 0.418284 -0.245966
-3.95E-05 0.218905 0.066178

LOAD -2N+2

REL DIST T M2 M3 V3
0.35071 -0.056464 -0.418284 0.245966
-3.95E-05 0.373081 -1.072894
0.51303 -0.056464 -0.418284 0.245966
-3.95E-05 0.225085 -0.821215
0.67535 -0.056464 -0.418284 0.245966
-3.95E-05 0.077088 -0.569536
0.83768 -0.056464 -0.418284 0.245966
-3.95E-05 0.070908 -0.317857
1.00000 -0.056464 -0.418284 0.245966
-3.95E-05 -0.218905 -0.066178

COMB SETTLE MAX

REL DIST T M2 M3 V3
0.35071 0.056464 0.418284 0.245966
-3.95E-05 0.373081 1.072894 0.245966
0.51303 0.056464 0.418284 0.245966
-3.95E-05 0.225085 0.821215 0.245966
0.67535 0.056464 0.418284 0.245966
-3.95E-05 0.077088 0.569536 0.245966
0.83768 0.056464 0.418284 0.245966
-3.95E-05 0.073262 0.317857 0.245966
1.00000 0.056464 0.418284 0.245966
-3.95E-05 0.225601 0.066178

COMB SETTLE MIN

REL DIST T M2 M3 V3
0.35071 -0.056464 -0.418284 -0.253183
-3.95E-05 -0.383756 -1.072894 -0.253183
0.51303 -0.056464 -0.418284 -0.253183
-3.95E-05 -0.231416 -0.821215 -0.253183
0.67535 -0.056464 -0.418284 -0.253183
-3.95E-05 -0.079077 -0.569536 -0.253183
0.83768 -0.056464 -0.418284 -0.253183
-3.95E-05 -0.070908 -0.317857 -0.253183
1.00000 -0.056464 -0.418284 -0.253183
-3.95E-05 -0.218905 -0.066178

ELEM 178 ===== LENGTH = 3.706336

LOAD -A1

REL DIST T M2 M3 V3
0.00000 -0.000114 0.004601 0.000864
-2.85E-07 0.000780 0.005605
0.16232 -0.000114 0.004601 0.000864
-2.85E-07 0.000260 0.002837
0.32464 -0.000114 0.004601 0.000864
-2.85E-07 -0.000260 0.002837
0.48697 -0.000114 0.004601 0.000864
-2.85E-07 -0.000780 0.005605
0.64929 -0.000114 0.004601 0.000864
-2.85E-07 -0.001299 0.005468
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1504.OUT

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FRAME ELEMENT INTERNAL FORCES

LOAD -P1

REL DIST T M2 M3 V3
0.00000 0.000172 -0.025375 -0.001071
1.01E-06 -0.010102 -0.023796 -0.001071
0.16232 0.000172 -0.025375 -0.001071
1.01E-06 -0.000368 -0.008528 -0.001071
0.32464 0.000172 -0.025375 -0.001071
1.01E-06 0.000276 0.006739 -0.001071
0.48697 0.000172 -0.025375 -0.001071
1.01E-06 0.000920 0.022007 -0.001071
0.64929 0.000172 -0.025375 -0.001071
1.01E-06 0.001585 0.037275

LOAD -P2

REL DIST T M2 M3 V3
0.00000 0.014434 0.274272 0.006093
-6.39E-06 0.005602 0.045989 0.006093
0.16232 0.014434 0.274272 0.006093
-6.39E-06 0.001936 0.19036 0.006093
0.32464 0.014434 0.274272 0.006093
-6.39E-06 0.001731 0.284061 0.006093
0.48697 0.014434 0.274272 0.006093
-6.39E-06 0.005397 0.449085 0.006093
0.64929 0.014434 0.274272 0.006093
-6.39E-06 0.009063 0.614110

LOAD -P3

REL DIST T M2 M3 V3
0.00000 -0.022148 -0.490664 0.208705
2.04E-06 -0.185933 -0.049653 0.208705
0.16232 -0.022148 -0.490664 0.208705
2.04E-06 0.060308 0.245672 0.208705
0.32464 -0.022148 -0.490664 0.208705
2.04E-06 -0.065216 0.540796 0.208705
0.48697 -0.022148 -0.490664 0.208705
2.04E-06 0.190790 0.836021 0.208705
0.64929 -0.022148 -0.490664 0.208705
2.04E-06 -0.316365 1.131245

LOAD -P4

REL DIST T M2 M3 V3
0.00000 0.019823 0.248728 -0.254605

1.04E-05 -0.226879 0.028204
0.16232 0.019823 0.248728
1.04E-05 -0.073687 -0.121452
0.32464 0.019823 0.248728 -0.254605
1.04E-05 0.079505 -0.271108
0.48697 0.019823 0.248728 -0.254605
1.04E-05 0.232697 0.520763
0.64929 0.019823 0.248728 -0.254605
1.04E-05 0.385888 -0.570419

LOAD -P5

REL DIST T M2 M3 V3
0.00000 -0.012165 -0.011562 0.040013
-6.78E-06 0.035576 -0.006349
0.16232 -0.012165 -0.011562 0.040013
1.04E-05 0.011501 0.000608
0.32464 -0.012165 -0.011562 0.040013
-6.78E-06 -0.012575 0.007564
0.48697 -0.012165 -0.011562 0.040013
-6.78E-06 0.036650 0.014521
0.64929 -0.012165 -0.011562 0.040013
-6.78E-06 -0.060726 0.021478

LOAD -2N+1

REL DIST T M2 M3 V3
0.00000 0.034143 0.527601 0.247648
-3.73E-06 -0.220497 -0.079798
0.16232 0.034143 0.527601 -0.247648
-3.73E-06 0.071491 -0.237651
0.32464 0.034143 0.527601 -0.247648
-3.73E-06 0.077514 -0.555100
0.48697 0.034143 0.527601 -0.247648
-3.73E-06 0.226520 -0.872549
0.64929 0.034143 0.527601 -0.247648
-3.73E-06 0.375526 -1.189997
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1504.OUT

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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2

REL DIST T M2 M3 V3
0.00000 0.034143 0.527601 0.247648
-3.73E-06 -0.220497 -0.079798
0.16232 0.034143 0.527601 0.247648
-3.73E-06 0.071491 -0.237651
0.32464 0.034143 0.527601 0.247648
-3.73E-06 0.077514 -0.555100
0.48697 0.034143 0.527601 0.247648
-3.73E-06 0.226520 -0.872549
0.64929 0.034143 0.527601 0.247648
-3.73E-06 0.375526 -1.189997

COMB SETTLE MAX

REL DIST T M2 M3 V3
0.00000 0.034143 0.527601 0.247648
1.04E-05 0.220497 0.079798
0.16232 0.034143 0.527601 0.247648
1.04E-05 0.071491 0.237651
0.32464 0.034143 0.527601 0.247648
1.04E-05 0.079505 0.551000
0.48697 0.034143 0.527601 0.247648
1.04E-05 0.232697 0.872549
0.64929 0.034143 0.527601 0.247648
1.04E-05 0.385888 1.189997

COMB SETTLE MIN

REL DIST T M2 M3 V3
0.00000 -0.034143 -0.527601 -0.254605
-6.78E-06 -0.226879 -0.079798
0.16232 -0.034143 -0.527601 -0.254605
-6.78E-06 -0.073687 -0.237651
0.32464 -0.034143 -0.527601 -0.254605
-6.78E-06 -0.077514 -0.555100
0.48697 -0.034143 -0.527601 -0.254605
-6.78E-06 -0.226520 -0.872549
0.64929 -0.034143 -0.527601 -0.254605
-6.78E-06 -0.375526 -1.189997

ELEM 179 ===== LENGTH = 3.706562

LOAD -A1

REL DIST T M2 M3 V3
0.00000 0.000476 0.000976 0.000975
1.37E-07 -0.001498 0.004200
0.51305 0.000476 0.000976
0.48702 0.000476 0.000976
0.67536 0.000476 0.000976
1.37E-07 -0.000325 0.003025
0.83768 0.000476 0.000976
1.37E-07 0.000261 0.004248
1.00000 0.000476 0.000976
1.37E-07 0.000648 0.001850

LOAD -P1

REL DIST T M2 M3 V3
0.35073 -0.003003 -0.005924 0.007805
-2.91E-07 0.011908 -0.021269
0.51305 -0.003003 -0.005924 0.007805
-2.91E-07 0.007212 -0.017705
0.67536 -0.003003 -0.005924 0.007805
-2.91E-07 0.002516 -0.014141
0.83768 -0.003003 -0.005924 0.007805
-2.91E-07 0.002179 0.010577
1.00000 -0.003003 -0.005924 0.007805
-2.91E-07 -0.006875 -0.007012

LOAD -P2

REL DIST T M2 M3 V3
0.35073 0.024798 0.093416 -0.024762
-2.02E-06 -0.037936 0.223799
0.51305 0.024798 0.093416 -0.024762
-2.02E-06 -0.029938 0.167597
0.67536 0.024798 0.093416 -0.024762
-2.02E-06 0.008040 0.11394
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1504.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.83768 0.024798 0.093416 -0.024762
-2.02E-06 0.06858 0.055192
1.00000 0.024798 0.093416 -0.024762
-2.02E-06 0.021755 -0.001011

LOAD -P3

REL DIST T M2 M3 V3
0.00000 0.015125 0.092840 -0.025051
-2.33E-06 -0.022087 0.007296
0.16234 0.015125 0.092840 -0.025051
2.33E-06 0.015125 0.092840 -0.025051
0.32468 0.015125 0.092840 -0.025051
2.33E-06 0.008067 0.104461
0.48702 0.015125 0.092840 -0.025051
2.33E-06 0.160345 0.150338
0.64936 0.015125 0.092840 -0.025051
2.33E-06 0.382222 -0.216217

LOAD -P4

REL DIST T M2 M3 V3
0.35073 0.012330 0.045353 -0.255309
-3.15E-05 0.118208 0.090922
0.51305 0.012330 0.045353 -0.255309
-3.59E-05 -0.233337 0.090922
0.67536 0.012330 0.045353 -0.255309
-3.59E-05 0.063635 0.090922
0.83768 0.012330 0.045353 -0.255309
-3.59E-05 0.037387 0.036349
1.00000 0.012330 0.045353 -0.255309
-3.59E-05 0.227475 0.009062

LOAD -P5

REL DIST T M2 M3 V3
0.35073 -0.002286 0.018166 0.031760
1.40E-06 0.048275 0.034751
0.51305 -0.002286 0.018166 0.031760
1.40E-06 0.029167 0.023822
0.67536 -0.002286 0.018166 0.031760
1.40E-06 0.010059 0.012892
0.83768 -0.002286 0.018166 0.031760
1.40E-06 -0.009049 0.001963
1.00000 -0.002286 0.018166 0.031760
1.40E-06 -0.028157 -0.008966

LOAD -2N+1

REL DIST T M2 M3 V3
0.35073 0.037603 0.139745 -0.281046
-3.78E-05 -0.426275 0.346207
0.51305 0.037603 0.139745 -0.281046
-3.78E-05 0.257187 0.262131
0.67536 0.037603 0.139745 -0.281046
-3.78E-05 0.088098 0.178054
0.83768 0.037603 0.139745 -0.281046
-3.78E-05 0.080990 0.093978
1.00000 0.037603 0.139745 -0.281046
-3.78E-05 0.250078 0.009902

LOAD -2N+2

REL DIST T M2 M3 V3
0.35073 -0.037603 -0.139745 0.281046
-3.78E-05 0.426275 -0.346207
0.51305 -0.037603 -0.139745 0.281046
-3.78E-05 0.257187 -0.262131
0.67536 -0.037603 -0.139745 0.281046
-3.78E-05 0.088098 -0.178054
0.83768 -0.037603 -0.139745 0.281046
-3.78E-05 0.080990 -0.093978
1.00000 -0.037603 -0.139745 0.281046
-3.78E-05 -0.250078 -0.009902

COMB SETTLE MAX

REL DIST T M2 M3 V3
0.35073 0.037603 0.139745 0.281046
-3.78E-05 0.426275 0.346207
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1504.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.51305 0.037603 0.139745 0.281046
-3.78E-05 0.257187 0.262131
0.67536 0.037603 0.139745 0.281046
-3.78E-05 0.088098 0.178054
0.83768 0.037603 0.139745 0.281046
-3.78E-05 0.080990 0.093978
1.00000 0.037603 0.139745 0.281046
-3.78E-05 0.250078 0.009902

COMB SETTLE MIN

REL DIST T M2 M3 V3
0.35073 -0.037603 -0.139745 0.281046
-3.78E-05 0.426275 -0.359689
0.51305 -0.037603 -0.139745 0.281046
-3.78E-05 0.257187 -0.268247
0.67536 -0.037603 -0.139745 0.281046
-3.78E-05 0.088098 -0.178054
0.83768 -0.037603 -0.139745 0.281046
-3.78E-05 0.080990 -0.093978
1.00000 -0.037603 -0.139745 0.281046
-3.78E-05 -0.250078 -0.009902

ELEM 180 ===== LENGTH = 3.707513

LOAD -A1

REL DIST T M2 M3 V3
0.00000 -0.000102 0.000942 -0.001000
2.79E-07 -0.000877 0.002361
0.16234 -0.000102 0.000942 -0.001000
2.79E-07 -0.000275 0.001794
0.32468 -0.000102 0.000942 -0.001000
2.79E-07 0.000326 0.001227
0.48702 -0.000102 0.000942 -0.001000
2.79E-07 0.000928 0.000660
0.64936 -0.000102 0.000942 -0.001000
2.79E-07 0.001530 9.29E-05

LOAD -P1

REL DIST T M2 M3 V3
0.00000 -0.000240 -0.005762 0.007848
-1.57E-06 0.006920 -0.009424
0.16234 -0.000240 -0.005762 0.007848
-1.57E-06 0.002196 -0.009566
0.32468 -0.000240 -0.005762 0.007848
-1.57E-06 -0.002527 -0.002488
0.48702 -0.000240 -0.005762 0.007848
-1.57E-06 0.000725 0.000980
0.64936 -0.000240 -0.005762 0.007848
-1.57E-06 -0.011975 0.004449

LOAD -P2

REL DIST T M2 M3 V3
0.00000 0.015125 0.092840 -0.025051
2.33E-06 -0.022087 0.007296
0.16234 0.015125 0.092840 -0.025051
2.33E-06 0.015125 0.092840 -0.025051
0.32468 0.015125 0.092840 -0.025051
2.33E-06 0.008067 0.104461
0.48702 0.015125 0.092840 -0.025051
2.33E-06 0.160345 0.150338
0.64936 0.015125 0.092840 -0.025051
2.33E-06 0.382222 -0.2162

LOAD -P4-----					-1.38E-05					-0.01691	0.039804	0.261230	REL DIST	P	M2	V2	V3	-1.38E-05	0.023543	0.011122	0.261817																												
REL DIST					M2					M3					V3					0.16232					0.023537	0.254965	0.261817																						
-0.35074					-0.026820					-0.145552					-0.243265					0.35065					0.027175	0.221942	0.262227																						
-3.72E-05					-0.368774					-0.328158										3.52E-05					0.397670	0.254318																							
0.51305					-0.026820					-0.145552					-0.243265					0.51298					0.027175	0.221942	0.262227																						
-3.72E-05					-0.222421					-0.240591										3.22E-05					0.239845	0.410739																							
0.67537					-0.026820					-0.145552					-0.243265					0.67532					0.027175	0.221942	0.262227																						
-3.72E-05					-0.070607					-0.153024										3.22E-05					0.082021	0.277161																							
0.83768					-0.026820					-0.145552					-0.243265					0.83766					0.027175	0.221942	0.262227																						
-3.72E-05					-0.070286					-0.152624										3.22E-05					-0.075804	0.143583																							
1.00000					-0.026820					-0.145552					-0.243265					1.00000					0.027175	0.221942	0.262227																						
-3.72E-05					-0.216639					0.022110										3.22E-05					-0.233628	0.010004																							
LOAD -P5-----					LOAD -P4-----					LOAD -P5-----					LOAD -P4-----					LOAD -P5-----					LOAD -P4-----																								
REL DIST					P					M2					V2					V3					REL DIST					P					M2					V2					V3				
0.35074					0.009489					0.081313					0.019248					0.35065					-0.040552					-0.402866					-0.217108														
2.88E-06					0.029354					0.181830										-3.87E-05					-0.329207					-0.982941																			
0.51305					0.009489					0.081313					0.019248					0.51298					-0.040552					-0.402866					-0.217108														
2.88E-06					0.017774					0.132911										-3.87E-05					0.198538					0.740471																			
0.67537					0.009489					0.081313					0.019248					0.67532					-0.040552					-0.402866					-0.217108														
2.88E-06					0.006193					0.083991										-3.87E-05					-0.67869					-0.498002																			
Program					SAP2000 Nonlinear Version 7.42					File:상행S11-S1504.OUT					Program					SAP2000 Nonlinear Version 7.42					File:상행S11-S1504.OUT					Program					SAP2000 Nonlinear Version 7.42					File:상행S11-S1504.OUT									
< UNEQUAL Page SETTLEMENT 361 >					< UNEQUAL Page SETTLEMENT 361 >					< UNEQUAL Page SETTLEMENT 361 >					< UNEQUAL Page SETTLEMENT 361 >					< UNEQUAL Page SETTLEMENT 361 >					< UNEQUAL Page SETTLEMENT 361 >					< UNEQUAL Page SETTLEMENT 361 >					< UNEQUAL Page SETTLEMENT 361 >					< UNEQUAL Page SETTLEMENT 361 >									
FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES				
REL DIST					P					M2					V2					V3					REL DIST					P					M2					V2					V3				
0.83768					0.009489					0.081313					0.019248					0.83766					0.009489					0.081313					0.019248														
2.88E-06					-0.005387					0.035071										2.88E-06					-0.005387					0.035071																			
1.00000					0.009489					0.081313					0.019248					1.00000					0.009489					0.081313					0.019248														
2.88E-06					-0.016967					-0.013849										2.88E-06					-0.016967					-0.013849																			
LOAD -2N+1-----					LOAD -2N+1-----					LOAD -2N+1-----					LOAD -2N+1-----					LOAD -2N+1-----					LOAD -2N+1-----					LOAD -2N+1-----					LOAD -2N+1-----					LOAD -2N+1-----									
REL DIST					P					M2					V2					V3					REL DIST					P					M2					V2					V3				
0.35074					-0.016403					-0.123692					-0.293469					0.35065					-0.041290					-0.421035					-0.283041														
-3.66E-05					-0.445132					-0.274877										-3.52E-05					-0.429444					-1.025722																			
0.51305					-0.016403					-0.123692					-0.293469					0.51298					-0.041290					-0.421035					-0.283041														
-3.66E-05					-0.268575					-0.200462										-3.52E-05					-0.259093					-0.772317																			
0.67537					-0.016403					-0.123692					-0.293469					0.67532					-0.041290					-0.421035					-0.283041														
-3.66E-05					-0.092018					-0.126046										-3.52E-05					-0.088741					-0.518913																			
0.83768					-0.016403					-0.123692					-0.293469					0.83766					-0.041290					-0.421035					-0.283041														
-3.66E-05					-0.084539					0.051630										-3.52E-05					0.081610					0.265508																			
1.00000					-0.016403					-0.123692					-0.293469					1.00000					-0.041290					-0.421035					-0.283041														
-3.66E-05					-0.261096					0.022785										-3.52E-05					-0.251961					-0.012103																			
LOAD -2N+2-----					LOAD -2N+2-----					LOAD -2N+2-----					LOAD -2N+2-----					LOAD -2N+2-----					LOAD -2N+2-----					LOAD -2N+2-----					LOAD -2N+2-----					LOAD -2N+2-----									
REL DIST					P					M2					V2					V3					REL DIST					P					M2					V2					V3				
0.35074					0.016403					0.123692					0.293469					0.35065					0.041290					0.421035					0.283041														
3.66E-05					0.445132					0.274877										3.52E-05					0.429444					1.025722																			
0.51305					0.016403					0.123692					0.293469					0.51298					0.041290					0.421035					0.283041														
3.66E-05					0.268575					0.200462										3.52E-05					0.259093					0.772317																			
0.67537					0.016403					0.123692					0.293469					0.67532					0.041290					0.421035					0.283041														
3.66E-05					0.092018					0.126046										3.52E-05					0.088741					0.518913																			
0.83768					0.016403					0.123692					0.293469					0.83766					0.041290					0.421035					0.283041														
3.66E-05					-0.084539					0.051630										3.52E-05					-0.081610					0.265508																			
1.00000					0.016403					0.123692					0.293469					1.00000					0.041290					0.421035					0.283041														
3.66E-05					-0.261096					-0.022785										3.52E-05					-0.251961					0.012103																			
COMB SETTLE ----- MAX					COMB SETTLE ----- MAX					COMB SETTLE ----- MAX					COMB SETTLE ----- MAX					COMB SETTLE ----- MAX					COMB SETTLE ----- MAX					COMB SETTLE ----- MAX					COMB SETTLE ----- MAX					COMB SETTLE ----- MAX									
REL DIST					P					M2					V2					V3					REL DIST					P					M2					V2					V3				
0.35074					0.016403					0.123692					0.293469					0.35065					0.041290					0.421035					0.283041														
3.66E-05					0.445132					0.274877										3.52E-05					0.429444					1.025722																			
0.51305					0.016403					0.123692					0.293469					0.51298					0.041290					0.421035					0.283041														
3.66E-05					0.268575					0.200462										3.52E-05					0.259093					0.772317																			
0.67537					0.016403					0.123692					0.293469					0.67532					0.041290					0.421035					0.283041														
3.66E-05					0.092018					0.126046										3.52E-05					0.088741					0.518913																			
0.83768					0.016403					0.123692					0.293469					0.83766					0.041290					0.421035					0.283041														
3.66E-05					0.084539					0.051630										3.52E-05					-0.081610					0.265508																			
1.00000					0.016403					0.123692					0.293469					1.00000					0.041290					0.421035					0.283041														
3.66E-05					0.261096					-0.022785										3.52E-05					-0.251961					0.012103																			
COMB SETTLE ----- MIN					COMB SETTLE ----- MIN					COMB SETTLE ----- MIN					COMB SETTLE ----- MIN					COMB SETTLE ----- MIN					COMB SETTLE ----- MIN					COMB SETTLE ----- MIN					COMB SETTLE ----- MIN					COMB SETTLE ----- MIN									
REL DIST					P					M2					V2					V3					REL DIST					P					M2					V2					V3				
0.35074					-0.026820					-0.145552					-0.293469					0.35065					0.041290					0.421035					0.283041														
-3.72E-05					-0.445132					-0.328158										-3.72E-05					-0.429444					-1.025722																			
0.51305					-0.026820					-0.145552					-0.293469					0.51298					-0.041290					-0.421035					0.283041														
-3.72E-05					-0.222421					-0.240591										-3.72E-05					-0.259093					-0.772317																			
0.67537					-0.026820					-0.145552					-0.293469					0.67532					0.041290					0.421035					0.283041														
-3.72E-05					-0.092018					-0.153024										-3.72E-05					0.088741					0.518913																			
0.83768					-0.026820					-0.145552					-0.293469					0.83766					-0.041290					-0.421035					0.283041														
-3.72E-05					-0.084539					-0.065457										-3.72E-05					-0.081610					0.265508																			
1.00000					-0.026820					-0.145552					-0.293469					1.00000					-0.041290					-0.421035					0.283041														
-3.72E-05					-0.261096					-0.022785										-3.72E-05					-0.251961					0.012103																			
ELEM 182 ===== LENGTH = 3.706434					ELEM 182 ===== LENGTH = 3.706434					ELEM 182 ===== LENGTH = 3.706434					ELEM 182 ===== LENGTH = 3.706434					ELEM 182 ===== LENGTH = 3.706434					ELEM 182 ===== LENGTH = 3.706434					ELEM 182 ===== LENGTH = 3.706434					ELEM 182 ===== LENGTH = 3.706434														
LOAD -A1-----					LOAD -A1-----					LOAD -A1-----					LOAD -A1-----					LOAD -A1-----					LOAD -A1-----					LOAD -A1-----					LOAD -A1-----					LOAD -A1-----									
REL DIST					P					M2					V2					V3					REL DIST					P					M2					V2					V3				
0.00000					-0.000256					0.000331					-0.002387					0.00000					-0.000348					-0.000918					-0.003282														
7.11E-07					-0.002116					0.001559										9.11E-07					-0.002914					0.000918					-0.003282														
0.16231					-0.000256					0.000331					-0.002387					0.16232					-0.000348					-0.000918					-0.003282														
0.32463					-0.000256					0.000331					-0.002387					0.32463					-0.000348					-0.000918					-0.003282														
7.11E-07					0.000756					0.001161										9.11E-07					0.001035					0.001505					-0.003282														
0.48694					-0.000256					0.000331					-0.002387					0.48695					-0.000348					-0.000918					-0.003282														
7.11E-07					0.002192					0.000962										9.11E-07					0.001035					0.001505					-0.003282														
0.64926					-0.000256					0.000331					-0.002387					0.64926					-0.000348					-0.000918					-0.003282														
7.11E-07					0.003628					0.000764										9.11E-07					0.001035					0.001505					-0.003282														
Program					SAP2000 Nonlinear Version 7.42					File:상행S11-S1504.OUT					Program					SAP2000 Nonlinear Version 7.42					File:상행S11-S1504.OUT					Program					SAP2000 Nonlinear Version 7.42					File:상행S11-S1504.OUT									
< UNEQUAL Page SETTLEMENT 362 >					< UNEQUAL Page SETTLEMENT 362 >					< UNEQUAL Page SETTLEMENT 362 >					< UNEQUAL Page SETTLEMENT 362 >					< UNEQUAL Page SETTLEMENT 362 >					< UNEQUAL Page SETTLEMENT 362 >					< UNEQUAL Page SETTLEMENT 362 >					< UNEQUAL Page SETTLEMENT 362 >														
FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES					FRAME ELEMENT INTERNAL FORCES																													

REL DIST	P	M2	V2	V3	1.66E-05	0.063986	0.095751	-0.069880	F R A M E E L E M E N T I N T E R N A L F O R C E S					0.32464	0.005274	-0.110653	-0.068605
0.35073	0.006304	0.536407	M3	0.250783	0.649336	-0.004676	-0.060516		REL DIST	P	M2	V2	V3	0.53E-05	0.021749	-0.119043	
0.390E-05	0.380008	1.268580			1.66E-05	0.106045	0.132174		0.374E-06	0.001804	-0.094291	-0.067925	0.486956	0.005896	-0.068649	-0.068605	
0.51305	0.006304	0.536407	0.250783	LOAD -P3					1.00000	0.001804	-0.094291	-0.067925	0.64928	0.005274	-0.110653	-0.068605	
0.390E-05	0.229127	0.945856			REL DIST	P	M2	V2	0.83768	0.001804	-0.094291	-0.067925	1.53E-05	0.063027	-0.185620		
0.67536	0.006304	0.536407	0.250783		T	M2	M3	V3	3.74E-06	0.060124	-0.012989		0.486956	0.005274	-0.110653	-0.068605	
0.390E-05	0.078245	0.623132			LOAD -P3				LOAD	P	M2	V2	V3				
0.83768	0.006304	0.536407	0.250783		0.00000	-7.02E-05	0.536134	0.252220	0.00000	-0.068649	0.999701	0.226825	REL DIST	P	M2	V2	V3
0.390E-05	0.072636	0.300408			-1.49E-05	0.224899	-0.017233		0.16232	-0.068649	0.999701	0.226825	-1.14E-05	0.201413	-0.011247		
1.00000	0.064936	0.053900	0.250783		0.48702	-7.02E-05	0.536134	0.252220	0.16232	-0.068649	0.999701	0.226825	0.32464	-0.068649	0.999701	0.226825	
0.390E-05	-0.223517	-0.022316			-1.49E-05	0.073094	-0.339919		0.51304	-0.069184	0.934306	0.224774	-1.14E-05	-0.071537	-0.119147		
					0.32468	-7.02E-05	0.536134	0.252220	0.67536	-0.069184	0.934306	0.224774	0.486956	-0.068649	0.999701	0.226825	
					-1.49E-05	0.078711	-0.662604		2.88E-05	-0.069184	0.934306	0.224774	0.64928	-0.068649	0.999701	0.226825	
					0.48702	-7.02E-05	0.536134	0.252220	0.83768	-0.069184	0.934306	0.224774	-1.14E-05	-0.071537	-0.119147		
					-1.49E-05	-0.230516	-0.985290		2.88E-05	-0.064239	0.564752	0.224774	0.486956	-0.068649	0.999701	0.226825	
					0.649336	-7.02E-05	0.536134	0.252220	1.00000	-0.069184	0.934306	0.224774	0.64928	-0.068649	0.999701	0.226825	
					-1.49E-05	-0.382320	-1.307976		2.88E-05	-0.199481	0.002602	0.224774	-1.14E-05	-0.344488	-0.239471		
					LOAD	P	M2	V2	Program	SAP2000	Nonlinear	Version 7.42	File:상행S11-S1504.OUT				
					REL DIST	P	M2	V2									
					T	M2	M3	V3									
					-4.11E-05	0.009551	-0.972618	-0.180215									
					0.51305	0.009551	-0.972618	-0.180215									
					-4.11E-05	0.009551	-0.972618	-0.180215									
					0.67536	0.009551	-0.972618	-0.180215									
					-4.11E-05	0.056289	-1.090843	-0.180215									
					0.83768	0.009551	-0.972618	-0.180215									
					-4.11E-05	0.056289	-1.090843	-0.180215									
					1.00000	0.009551	-0.972618	-0.180215									
					-4.11E-05	0.160561	-0.079491	-0.180215									
					LOAD	P	M2	V2									
					REL DIST	P	M2	V2									
					T	M2	M3	V3									
					0.35073	0.009551	-0.972618	-0.180215									
					5.90E-06	-0.021736	1.092270	-0.180215									
					0.51305	-0.012375	0.472657	-0.180215									
					5.90E-06	-0.012375	0.472657	-0.180215									
					0.51305	-0.012375	0.472657	-0.180215									
					5.90E-06	-0.016333	0.808350	-0.180215									
					0.67536	-0.012375	0.472657	-0.180215									
					5.90E-06	-0.016333	0.808350	-0.180215									
					Program	SAP2000	Nonlinear	Version 7.42									
					File:상행S11-S1504.OUT												
					< UNEQUAL SETTLEMENT 368 >												
					F R A M E E L E M E N T I N T E R N A L F O R C E S												
					REL DIST	P	M2	V2	V3								
					0.83768	-0.012375	0.472657	-0.180215									
					5.90E-06	-0.005452	0.239610	-0.180215									
					1.00000	-0.012375	0.472657	-0.180215									
					5.90E-06	0.016344	-0.044760	-0.180215									
					LOAD	P	M2	V2	V3								
					REL DIST	P	M2	V2	V3								
					T	M2	M3	V3									
					0.35073	0.004339	-1.015532	-0.253182									
					-3.84E-05	-0.383896	2.379486	-0.253182									
					0.51305	0.004339	-1.015532	-0.253182									
					0.51305	-0.012375	1.785000	-0.253182									
					0.67536	-0.004339	-1.015532	-0.253182									
					3.84E-05	0.079246	1.157514	-0.253182									
					0.83768	-0.004339	-1.015532	-0.253182									
					3.84E-05	-0.073078	0.546529	-0.253182									
					1.00000	-0.004339	-1.015532	-0.253182									
					-3.84E-05	0.225403	0.064457	-0.253182									
					LOAD	P	M2	V2	V3								
					REL DIST	P	M2	V2	V3								
					T	M2	M3	V3									
					0.35073	0.004339	-1.015532	-0.253182									
					-3.84E-05	-0.383896	2.379486	-0.253182									
					0.51305	0.004339	-1.015532	-0.253182									
					0.51305	-0.012375	1.785000	-0.253182									
					0.67536	-0.004339	-1.015532	-0.253182									
					3.84E-05	0.079246	1.157514	-0.253182									
					0.83768	-0.004339	-1.015532	-0.253182									
					3.84E-05	-0.073078	0.546529	-0.253182									
					1.00000	-0.004339	-1.015532	-0.253182									
					-3.84E-05	0.225403	0.064457	-0.253182									
					COMB SETTLE	P	M2	V2	V3								
					REL DIST	P	M2	V2	V3								
					T	M2	M3	V3									
					0.35073	0.009551	-1.015532	-0.253182									
					3.84E-05	0.383896	2.379486	-0.253182									
					0.51305	0.009551	-1.015532	-0.253182									
					3.84E-05	0.231571	1.785000	-0.253182									
					0.67536	-0.004339	-1.015532	-0.253182									
					3.84E-05	0.079246	1.157514	-0.253182									
					0.83768	-0.004339	-1.015532	-0.253182									
					3.84E-05	-0.073078	0.546529	-0.253182									
					1.00000	-0.004339	-1.015532	-0.253182									
					-3.84E-05	0.225403	0.064457	-0.253182									
					COMB SETTLE	P	M2	V2	V3								
					REL DIST	P	M2	V2	V3								
					T	M2	M3	V3									
					0.35073	0.009551	-1.015532	-0.253182									
					3.84E-05	0.383896	2.379486	-0.253182									
					0.51305	0.009551	-1.015532	-0.253182									
					3.84E-05	0.231571	1.785000	-0.253182									
					0.67536	-0.004339	-1.015532	-0.253182									
					3.84E-05	0.079246	1.157514	-0.253182									
					0.83768	-0.004339	-1.015532	-0.253182									
					3.84E-05	-0.073078	0.546529	-0.253182									
					1.00000	-0.004339	-1.015532	-0.253182									
					-3.84E-05	0.225403	0.064457	-0.253182									
					ELEM	186	=====	LENGTH									
					= 3.707498												
					LOAD	P	M2	V2	V3								
					REL DIST	P</											

3.52E-06 -0.096247 -0.365489 -0.065511
0.51309 0.028703 -0.143361 -0.065511
0.67539 0.028703 -0.143361 -0.065511
3.52E-06 -0.017439 -0.193029 -0.065511
0.83770 0.028703 -0.143361 -0.065511
3.52E-06 0.021964 0.106800 -0.065511
1.00000 0.028703 -0.143361 -0.065511
3.52E-06 0.061368 -0.020570 -0.065511

LOAD -P3-----
REL DIST P M2 M3 V3
0.35079 -0.228820 1.358922 0.204777
1.96E-05 0.300527 3.254913 0.204777
0.51309 -0.228820 3.254913 0.204777
1.96E-05 0.177356 2.437541 0.204777
0.67539 -0.228820 1.358922 0.204777
1.96E-05 0.054185 1.620168 0.204777
0.83770 -0.228820 1.358922 0.204777
1.96E-05 -0.068986 0.902795 0.204777
1.00000 -0.228820 1.358922 0.204777
1.96E-05 -0.192157 -0.014578 0.204777

LOAD -P4-----
REL DIST P M2 M3 V3
0.35079 0.367046 -2.400018 -0.085467
-1.84E-05 -0.05269 -5.702681 -0.085467
0.51309 0.367046 -2.400018 -0.085467
-1.84E-05 -0.073862 -4.259103 -0.085467
0.67539 0.367046 -2.400018 -0.085467
-1.84E-05 -0.022455 -2.815525 -0.085467
0.83770 0.367046 -2.400018 -0.085467
-1.84E-05 0.028952 -1.371947 -0.085467
1.00000 0.367046 -2.400018 -0.085467
-1.84E-05 0.080360 0.071631 -0.085467

LOAD -P5-----
REL DIST P M2 M3 V3
0.35079 -0.162744 1.161187 -0.069839
-1.84E-05 -0.102569 -2.529294 -0.069839
0.51309 -0.162744 1.161187 -0.069839
-3.67E-06 -0.060562 2.053856 -0.069839
0.67539 -0.162744 1.161187 -0.069839
-3.67E-06 -0.018555 1.355418 -0.069839
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 M3 V3
0.83770 -0.162744 1.161187 -0.069839
-3.67E-06 0.023453 0.656980 -0.069839
1.00000 -0.162744 1.161187 -0.069839
-3.67E-06 0.065460 -0.041459 -0.069839

LOAD -2N+1-----
REL DIST P M2 M3 V3
0.35079 0.395794 -2.549179 -0.154340
-1.45E-05 -0.126457 -6.083910 -0.154340
0.51309 0.395794 -2.549179 -0.154340
-1.45E-05 -0.133623 -4.550614 -0.154340
0.67539 0.395794 -2.549179 -0.154340
-1.45E-05 -0.140790 -3.017319 -0.154340
0.83770 0.395794 -2.549179 -0.154340
-1.45E-05 0.052043 -1.484023 -0.154340
1.00000 0.395794 -2.549179 -0.154340
-1.45E-05 0.144876 0.049273 -0.154340

LOAD -2N+2-----
REL DIST P M2 M3 V3
0.35079 -0.395794 2.549179 0.154340
1.45E-05 0.226457 6.083910 0.154340
0.51309 -0.395794 2.549179 0.154340
-1.45E-05 0.133623 4.550614 0.154340
0.67539 -0.395794 2.549179 0.154340
-1.45E-05 0.040790 3.017319 0.154340
0.83770 -0.395794 2.549179 0.154340
-1.45E-05 -0.052043 -1.484023 0.154340
1.00000 -0.395794 2.549179 0.154340
-1.45E-05 -0.144876 -0.049273 0.154340

COMB SETTLE ----- MAX
REL DIST P M2 M3 V3
0.35079 0.395794 2.549179 0.204777
1.96E-05 0.300527 6.083910 0.204777
0.51309 0.395794 2.549179 0.204777
1.96E-05 0.177356 4.550614 0.204777
0.67539 0.395794 2.549179 0.204777
1.96E-05 0.054185 3.017319 0.204777
0.83770 0.395794 2.549179 0.204777
1.96E-05 0.068986 1.484023 0.204777
1.00000 0.395794 2.549179 0.204777
1.96E-05 0.144876 0.071631 0.204777

COMB SETTLE ----- MIN
REL DIST P M2 M3 V3
0.35079 -0.395794 -2.549179 -0.154340
-1.84E-05 -0.226457 -6.083910 -0.154340
0.51309 -0.395794 -2.549179 -0.154340
-1.84E-05 -0.133623 -4.550614 -0.154340
0.67539 -0.395794 -2.549179 -0.154340
-1.84E-05 -0.040790 -3.017319 -0.154340
0.83770 -0.395794 -2.549179 -0.154340
-1.84E-05 -0.068986 -1.484023 -0.154340
1.00000 -0.395794 -2.549179 -0.154340
-1.84E-05 -0.192157 -0.049273 -0.154340

ELEM 190 ===== LENGTH
LOAD -A1-----
REL DIST P M2 M3 V3
0.00000 -0.000624 -0.007682 -0.003389
9.18E-07 -0.004177 -0.001931 -0.003389
0.16233 -0.000624 -0.007682 -0.003389
9.18E-07 -0.001138 0.002691 -0.003389
0.32465 -0.000624 -0.007682 -0.003389
9.18E-07 -0.000901 0.007314 -0.003389
0.48698 -0.000624 -0.007682 -0.003389
9.18E-07 -0.002940 0.011936 -0.003389
0.64931 -0.000624 -0.007682 -0.003389
9.18E-07 0.004879 0.016559 -0.003389
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FRAME ELEMENT INTERNAL FORCES
LOAD -P1-----
REL DIST P M2 M3 V3
0.00000 -3.62E-05 0.037905 0.019513
-4.60E-06 0.012922 0.007403 0.019513
0.16233 -3.62E-05 0.037905 0.019513
-4.60E-06 0.006550 -0.015366 0.019513
0.32465 -3.62E-05 0.037905 0.019513
-4.60E-06 -0.008192 -0.003175 0.019513
0.48698 -3.62E-05 0.037905 0.019513
-4.60E-06 -0.016933 -0.060984 0.019513
0.64931 -3.62E-05 0.037905 0.019513
-4.60E-06 -0.028675 -0.083793 0.019513

LOAD -P2-----
REL DIST P M2 M3 V3
0.00000 0.014642 -0.173646 -0.066031
0.16233 0.014642 -0.173646 -0.066031
1.43E-05 -0.022175 0.081578 -0.066031
0.32465 0.014642 -0.173646 -0.066031
1.43E-05 0.017558 0.18627 -0.066031
0.48698 0.014642 -0.173646 -0.066031
1.43E-05 0.057291 0.290556 -0.066031
0.64931 0.014642 -0.173646 -0.066031
1.43E-05 0.097024 0.395045 -0.066031

LOAD -P3-----
REL DIST P M2 M3 V3
0.00000 -0.186753 1.426196 0.206305
1.41E-05 0.193640 -0.005239 0.206305
0.16233 -0.186753 1.426196 0.206305
-1.41E-05 0.069499 -0.863432 0.206305
0.32465 -0.186753 1.426196 0.206305
-1.41E-05 -0.054642 1.721624 0.206305
0.48698 -0.186753 1.426196 0.206305
-1.41E-05 -0.178783 -2.579817 0.206305
0.64931 -0.186753 1.426196 0.206305
-1.41E-05 -0.302924 -3.438009 0.206305

LOAD -P4-----
REL DIST P M2 M3 V3
0.00000 0.367839 -2.470005 -0.087212
-2.46E-06 -0.082122 0.057896 -0.087212
0.16233 0.367839 -2.470005 -0.087212
-2.46E-06 -0.029644 -1.544185 -0.087212
0.32465 0.367839 -2.470005 -0.087212
-2.46E-06 0.022834 3.030474 -0.087212
0.48698 0.367839 -2.470005 -0.087212
-2.46E-06 0.075312 4.516763 -0.087212
0.64931 0.367839 -2.470005 -0.087212
-2.46E-06 0.127791 6.003052 -0.087212

LOAD -P5-----
REL DIST P M2 M3 V3
0.00000 -0.195068 1.187322 -0.069187
5.95E-06 -0.064725 -0.035257 -0.069187
0.16233 -0.195068 1.187322 -0.069187
5.95E-06 0.022092 -0.748656 -0.069187
0.32465 -0.195068 1.187322 -0.069187
5.95E-06 0.018540 -1.464055 -0.069187
0.48698 -0.195068 1.187322 -0.069187
5.95E-06 0.061712 -2.178455 -0.069187
0.64931 -0.195068 1.187322 -0.069187
5.95E-06 0.101804 -2.892854 -0.069187

LOAD -2N+1-----
REL DIST P M2 M3 V3
0.00000 0.381857 -2.651334 -0.156631
1.27E-05 -0.147207 0.033053 -0.156631
0.16233 0.381857 -2.651334 -0.156631
1.27E-05 0.052957 -1.628454 -0.156631
0.32465 0.381857 -2.651334 -0.156631
1.27E-05 0.041293 3.223855 -0.156631
0.48698 0.381857 -2.651334 -0.156631
1.27E-05 0.135544 4.819255 -0.156631
0.64931 0.381857 -2.651334 -0.156631
1.27E-05 0.097856 0.166263 -0.156631

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FRAME ELEMENT INTERNAL FORCES
LOAD -2N+2-----
REL DIST P M2 M3 V3
0.00000 -0.381857 2.651334 0.156631
1.27E-05 0.147207 -0.033053 0.156631
0.16233 -0.381857 2.651334 0.156631
1.27E-05 0.052957 -1.628454 0.156631
0.32465 -0.381857 2.651334 0.156631
1.27E-05 0.041293 -3.223855 0.156631
0.48698 -0.381857 2.651334 0.156631
1.27E-05 -0.135544 -4.819255 0.156631
0.64931 -0.381857 2.651334 0.156631
1.27E-05 -0.097856 -0.166263 0.156631

COMB SETTLE ----- MAX
REL DIST P M2 M3 V3
0.00000 0.381857 2.651334 0.206305
1.43E-05 0.193640 0.057896 0.206305
0.16233 0.381857 2.651334 0.206305
1.43E-05 0.069499 1.628454 0.206305
0.32465 0.381857 2.651334 0.206305
1.43E-05 0.041293 3.223855 0.206305
0.48698 0.381857 2.651334 0.206305
1.43E-05 0.135544 4.819255 0.206305
0.64931 0.381857 2.651334 0.206305
1.43E-05 0.229794 6.414656 0.206305

COMB SETTLE ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.381857 -2.651334 -0.156631
-1.27E-05 -0.147207 -0.033057 -0.156631
0.16233 -0.381857 -2.651334 -0.156631
-1.27E-05 0.052957 -1.628454 -0.156631
0.32465 -0.381857 -2.651334 -0.156631
-1.27E-05 0.041293 -3.223855 -0.156631
0.48698 -0.381857 -2.651334 -0.156631
-1.27E-05 -0.135544 -4.819255 -0.156631
0.64931 -0.381857 -2.651334 -0.156631
-1.27E-05 -0.229794 -6.414656 -0.156631

ELEM 191 ===== LENGTH
LOAD -A1-----
REL DIST P M2 M3 V3
0.00000 -0.000917 -0.005004 -0.002871
3.51E-07 -0.004222 -0.013675 -0.002871
0.51302 -0.000917 -0.005004 -0.002871
3.51E-07 -0.002494 -0.010664 -0.002871
0.67535 -0.000917 -0.005004 -0.002871
3.51E-07 -0.000766 -0.007653 -0.002871
1.00000 -0.000917 -0.005004 -0.002871
3.51E-07 -0.002689 -0.001630 -0.002871

LOAD -P1-----
REL DIST P M2 M3 V3
0.00000 0.000634 0.026098 0.017040
1.37E-06 0.025045 0.068398 0.017040
0.51302 0.000634 0.026098 0.017040
1.37E-06 0.014781 0.046954 0.017040
0.67535 0.000634 0.026098 0.017040
1.37E-06 0.004537 0.036990 0.017040
0.83767 0.000634 0.026098 0.017040
1.37E-06 0.005717 0.021285 0.017040
1.00000 0.000634 0.026098 0.017040
1.37E-06 -0.015971 0.005581 0.017040

LOAD -P2-----
REL DIST P M2 M3 V3
0.35069 0.015898 -0.142802 -0.057335
0.51302 0.015898 -0.142802 -0.057335
0.67535 0.015898 -0.142802 -0.057335
3.78E-06 -0.015820 -0.186287 -0.057335
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 M3 V3
0.83767 0.015898 -0.142802 -0.057335
3.78E-06 0.019121 0.103057 -0.057335
1.00000 0.015898 -0.142802 -0.057335
3.78E-06 0.053721 -0.014427 -0.057335

LOAD -P3-----
REL DIST P M2 M3 V3
0.00000 -0.129461 1.573324 0.175280
0.35069 -0.129461 1.573324 0.175280
0.51302 -0.129461 1.573324 0.175280
0.67535 -0.129461 1.573324 0.175280
3.78E-06 -0.129461 1.573324 0.175280
0.83767 -0.129461 1.573324 0.175280
3.78E-06 -0.129461 1.573324 0.175280
1.00000 -0.129461 1.573324 0.175280
3.78E-06 -0.129461 1.573324 0.175280

LOAD -P4-----
REL DIST P M2 M3 V3
0.35069 0.434854 -2.782260 -0.044431
3.62E-06 0.065488 6.514472 -0.044431
0.51302 0.434854 -2.782260 -0.044431
3.62E-06 0.038762 4.840274 -0.044431
0.67535 0.434854 -2.782260 -0.044431
3.62E-06 -0.012026 3.166076 -0.044431
0.83767 0.434854 -2.782260 -0.044431
3.62E-06 0.014710 1.491879 -0.044431
1.00000 0.434854 -2.782260 -0.044431
3.62E-06 0.041446 0.182319 -0.044431

LOAD -P5-----
REL DIST P M2 M3 V3
0.35069 -0.231007 1.306645 -0.087684
-1.43E-05 -0.128603 1.100695 -0.087684
0.51302 -0.231007 1.306645 -0.087684
-1.43E-05 -0.075839 2.307338 -0.087684
0.67535 -0.231007 1.306645 -0.087684
-1.43E-05 -0.023076 1.506695 -0.087684
0.83767 -0.231007 1.306645 -0.087684
-1.43E-05 0.029687 0.705932 -0.087684
1.00000 -0.231007 1.306645 -0.087684
-1.43E-05 0.082450 -0.094770 -0.087684

LOAD -2N+1-----
REL DIST P M2 M3 V3
0.35069 0.449835 -2.930067 -0.104637
-7.76E-06 0.154001 6.886294 -0.104637
0.51302 0.449835 -2.930067 -0.104637
-7.76E-06 0.091037 5.123155 -0.104637
0.67535 0.449835 -2.930067 -0.104637
-7.76E-06 0.028073 3.360016 -0.104637
0.83767 0.449835 -2.930067 -0.104637
-7.76E-06 0.034892 1.596877 -0.104637
1.00000 0.449835 -2.930067 -0.104637
-7.76E-06 0.097856 0.166263 -0.104637

LOAD -2N+2-----
REL DIST P M2 M3 V3
0.35069 -0.449835 2.930067 0.104637
-7.76E-06 0.154001 6.886294 0.104637
0.51302 -0.449835 2.930067 0.104637
-7.76E-06 0.091037 5.123155 0.104637
0.67535 -0.449835 2.930067 0.104637
-7.76E-06 0.028073 3.360016 0.104637
0.83767 -0.449835 2.930067 0.104637
-7.76E-06 0.034892 1.596877 0.104637
1.00000 -0.449835 2.930067 0.104637
-7.76E-06 0.097856 0.166263 0.104637

COMB SETTLE ----- MAX
REL DIST P M2 M3 V3
0.35069 0.449835 2.930067 0.175280
7.94E-06 0.257558 6.886294 0.175280
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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 M3 V3
0.51302 0.449835 2.930067 0.175280
7.94E-06 0.152095 1.100695 0.175280
0.67535 0.449835 2.930067 0.175280
0.83767 0.449835 2.930067 0.175280
1.00000 0.449835 2.930067 0.175280
7.94E-06 0.097856 0.182319 0.175280

COMB SETTLE ----- MIN
REL DIST P M2 M3 V3
0.35069 -0.449835 -2.930067 -0.104637
-1.43E-05 -0.154001 -6.886294 -0.104637
0.51302 -0.449835 -2.930067 -0.104637
-1.43E-05 -0.091037 -5.123155 -0.104637
0.67535 -0.449835 -2.930067 -0.104637
-1.43E-05 -0.028073 -3.360016 -0.104637
0.83767 -0.449835 -2.930067 -0.104637
-1.43E-05 0.034892 1.596877 -0.104637
1.00000 -0.449835 -2.930067 -0.104637
-1.43E-05 0.097856 0.166263 -0.104637

ELEM 192 ===== LENGTH
LOAD -A1-----
REL DIST P M2 M3 V3
0.00000 0.000312 -0.006305 -0.002899
8.00E-07 0.007117 0.001800 -0.002899
0.16233 0.000312 -0.006305 -0.002899
8.00E-07 -0.000973 0.001994 -0.002899
0.32465 0.000312 -0.006305 -0.002899
8.00E-07 0.000771 0.002313 -0.002899
0.48698 0.000312 -0.006305 -0.002899
8.00E-07 0.002516 0.009581 -0.002899
0.64930 0.000312 -0.006305 -0.002899
8.00E-07 0.004260 0.015375 -0.002899

LOAD -P1-----
REL DIST P M2 M3 V3
0.00000 -0.006240 0.032313 0.017154
-4.13E-06 0.016078 0.006385 0.017154
0.16233 -0.006240 0.032313 0.017154
-4.13E-06 0.005756 0.013058 0.017154
0.32465 -0.006240 0.032313 0.017154
-4.13E-06 0.004566 0.032501 0.017154
0.48698 -0.006240 0.032313 0.017154

-4.13E-06 -0.014888 -0.051944 0.017154
0.64930 -0.006240 0.032313 0.017154
-4.13E-06 -0.025209 -0.071388 0.017154

LOAD -P2-----
REL DIST P M2 M3 V3
0.00000 0.039241 -0.164442 -0.057806
1.31E-05 -0.054189 -0.017199 -0.057806
0.16233 0.039241 -0.164442 -0.057806
1.31E-05 0.059154 -0.002873 -0.057806
0.32465 0.039241 -0.164442 -0.057806
1.31E-05 0.015377 1.180698 -0.057806
0.48698 0.039241 -0.164442 -0.057806
1.31E-05 0.050160 2.979646 -0.057806
0.64930 0.039241 -0.164442 -0.057806
1.31E-05 0.084943 0.378594 -0.057806

LOAD -P3-----
REL DIST P M2 M3 V3
0.00000 -0.287406 1.554180 0.176266
-2.01E-05 0.165216 -0.067690 0.176266
0.16233 -0.287406 1.554180 0.176266
-2.01E-05 0.059154 -1.002873 0.176266
0.32465 -0.287406 1.554180 0.176266
-2.01E-05 -0.046909 -1.938057 0.176266
0.48698 -0.287406 1.554180 0.176266
-2.01E-05 -0.015180 -2.870272 0.

0.67533 -0.001910 0.013412 0.012375
1.7E-06 0.003931 0.019323
0.83766 -0.001910 0.013412 0.012375
-1.17E-06 -0.003535 0.011251
1.00000 -0.001910 0.013412 0.012375
-1.17E-06 -0.010983 0.003179

LOAD -P2-----

REL DIST P M2 V2 V3
0.35065 0.019429 -0.092543 -0.041269
3.80E-06 -0.062733 -0.229576
0.51299 0.019429 -0.092543 -0.041269
3.80E-06 0.173786 0.000000
0.67533 0.019429 -0.092543 -0.041269
3.80E-06 -0.013059 -0.118185
0.83766 0.019429 -0.092543 -0.041269
3.80E-06 0.011779 -0.062489
1.00000 0.019429 -0.092543 -0.041269
3.80E-06 0.036616 -0.006794

LOAD -P3-----

REL DIST P M2 V2 V3
0.35065 -0.175618 1.277926 0.122826
-6.36E-06 0.186653 3.037727
0.51299 -0.175618 1.277926 0.122826
-6.36E-06 -0.112731 2.795824
0.67533 -0.175618 1.277926 0.122826
-6.36E-06 0.038810 1.499520
0.83766 -0.175618 1.277926 0.122826
-6.36E-06 -0.039111 1.041717
1.00000 -0.175618 1.277926 0.122826
-6.36E-06 -0.109033 -0.038686

LOAD -P4-----

REL DIST P M2 V2 V3
0.35065 0.308551 -2.257566 0.013064
3.29E-05 0.019556 -5.346278
0.51299 0.308551 -2.257566 0.013064
3.29E-05 0.011694 3.987590
0.67533 0.308551 -2.257566 0.013064
3.29E-05 0.003831 -2.628902
0.83766 0.308551 -2.257566 0.013064
3.29E-05 -0.004031 1.270214
1.00000 0.308551 -2.257566 0.013064
3.29E-05 -0.011893 0.088474

LOAD -P5-----

REL DIST P M2 V2 V3
0.35065 -0.150197 1.061284 -0.105049
-2.95E-05 -0.096323 2.505288
0.51299 -0.150197 1.061284 -0.105049
-2.95E-05 -0.096100 1.871018
0.67533 -0.150197 1.061284 -0.105049
-2.95E-05 0.002978 1.232297
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.83766 -0.150197 1.061284 -0.105049
-2.95E-05 0.030345 0.593577
1.00000 -0.150197 1.061284 -0.105049
-2.95E-05 0.093567 -0.045143

LOAD -2N+1-----

REL DIST P M2 V2 V3
0.35065 0.327725 -2.352621 -0.030152
3.70E-05 -0.027132 5.582931
0.51299 0.327725 -2.352621 -0.030152
3.70E-05 -0.027992 4.167036
0.67533 0.327725 -2.352621 -0.030152
3.70E-05 -0.009845 2.751140
0.83766 0.327725 -2.352621 -0.030152
3.70E-05 0.008301 -1.335245
1.00000 0.327725 -2.352621 -0.030152
3.70E-05 0.026448 0.080650

LOAD -2N+2-----

REL DIST P M2 V2 V3
0.35065 -0.327725 2.352621 0.030152
3.70E-05 0.046138 5.582931
0.51299 -0.327725 2.352621 0.030152
3.70E-05 0.027992 4.167036
0.67533 -0.327725 2.352621 0.030152
3.70E-05 0.009845 2.751140
0.83766 -0.327725 2.352621 0.030152
3.70E-05 -0.008301 -1.335245
1.00000 -0.327725 2.352621 0.030152
3.70E-05 0.026448 0.080650

COMB SETTLE ----- MAX

REL DIST P M2 V2 V3
0.35065 0.327725 2.352621 0.122826
3.70E-05 0.186653 5.582931
0.51299 0.327725 2.352621 0.122826
3.70E-05 0.112731 4.167036
0.67533 0.327725 2.352621 0.122826
3.70E-05 0.038810 2.751140
0.83766 0.327725 2.352621 0.122826
3.70E-05 0.030345 1.335245
1.00000 0.327725 2.352621 0.122826
3.70E-05 0.093567 0.088474

COMB SETTLE ----- MIN

REL DIST P M2 V2 V3
0.35065 -0.327725 -2.352621 -0.105049
3.70E-05 -0.159323 -5.582931
0.51299 -0.327725 -2.352621 -0.105049
3.70E-05 -0.096100 -4.167036
0.67533 -0.327725 -2.352621 -0.105049
3.70E-05 -0.032878 -2.751140
0.83766 -0.327725 -2.352621 -0.105049
3.70E-05 -0.039111 -1.041717
1.00000 -0.327725 -2.352621 -0.105049
3.70E-05 -0.109033 -0.080650

ELEM 194 ===== LENGTH = 3.706275

LOAD -A1-----

REL DIST P M2 V2 V3
0.00000 -5.26E-06 -0.002878 -0.001970
6.69E-07 -0.001749 0.001288
0.16231 -5.26E-06 -0.002878 -0.001970
6.69E-07 -0.000564 0.000493
0.32462 -5.26E-06 -0.002878 -0.001970
6.69E-07 0.000000 0.000000
0.48693 -5.26E-06 -0.002878 -0.001970
6.69E-07 0.001807 0.003955
0.64924 -5.26E-06 -0.002878 -0.001970
6.69E-07 0.000000 0.000000
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FRAME ELEMENT INTERNAL FORCES

LOAD -P1-----

REL DIST P M2 V2 V3
0.35080 9.18E-05 0.005839 0.008834
-8.90E-07 0.013355 0.019756
0.51310 9.18E-05 0.005839 0.008834
-8.90E-07 0.008041 0.016244

REL DIST P M2 V2 V3
0.00000 -0.003058 0.012375
-3.44E-06 0.011060 0.004162
0.16231 -0.003058 0.012375
-3.44E-06 0.003563 0.004919
0.32462 -0.003058 0.012375
-3.44E-06 -0.003933 0.014000
0.48693 -0.003058 0.012375
-3.44E-06 -0.011430 -0.023081
0.64924 -0.003058 0.012375
-3.44E-06 -0.018927 -0.032162

LOAD -P2-----

REL DIST P M2 V2 V3
0.00000 0.023436 -0.098219 -0.041577
1.13E-05 0.036906 -0.010180
0.16231 0.023436 -0.098219 -0.041577
1.13E-05 -0.011895 -0.048905
0.32462 0.023436 -0.098219 -0.041577
1.13E-05 0.013117 0.070790
0.48693 0.023436 -0.098219 -0.041577
1.13E-05 0.038129 0.167076
0.64924 0.023436 -0.098219 -0.041577
1.13E-05 0.063140 0.226161

LOAD -P3-----

REL DIST P M2 V2 V3
0.00000 -0.189248 1.296456 0.122834
-2.79E-05 -0.109111 -0.082738
0.16231 -0.189248 1.296456 0.122834
-2.79E-05 0.035017 -0.807145
0.32462 -0.189248 1.296456 0.122834
-2.79E-05 -0.036876 -1.157053
0.48693 -0.189248 1.296456 0.122834
-2.79E-05 -0.112769 -2.366960
0.64924 -0.189248 1.296456 0.122834
-2.79E-05 -0.186663 -3.146667

LOAD -P4-----

REL DIST P M2 V2 V3
0.00000 0.329768 -2.282554 0.014362
2.85E-05 0.013145 0.072750
0.16231 0.329768 -2.282554 0.014362
2.85E-05 0.004505 -2.445863
0.32462 0.329768 -2.282554 0.014362
2.85E-05 0.004134 2.818976
0.48693 0.329768 -2.282554 0.014362
2.85E-05 -0.012774 4.192089
0.64924 0.329768 -2.282554 0.014362
2.85E-05 -0.021413 5.565202

LOAD -P5-----

REL DIST P M2 V2 V3
0.00000 -0.160893 1.072098 -0.106111
-9.20E-06 -0.094461 -0.038256
0.16231 -0.160893 1.072098 -0.106111
-9.20E-06 -0.030628 -1.936197
0.32462 -0.160893 1.072098 -0.106111
-9.20E-06 0.033205 -1.32138
0.48693 -0.160893 1.072098 -0.106111
-9.20E-06 0.097038 -1.979049
0.64924 -0.160893 1.072098 -0.106111
-9.20E-06 0.160871 -2.618020

LOAD -2N+1-----

REL DIST P M2 V2 V3
0.00000 0.353199 -2.383650 -0.029186
4.05E-05 -0.025510 0.061331
0.16231 0.353199 -2.383650 -0.029186
4.05E-05 0.007753 1.495261
0.32462 0.353199 -2.383650 -0.029186
4.05E-05 0.009604 2.929190
0.48693 0.353199 -2.383650 -0.029186
4.05E-05 0.027162 4.363120
0.64924 0.353199 -2.383650 -0.029186
4.05E-05 0.044719 5.797049
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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-----

REL DIST P M2 V2 V3
0.00000 -0.353199 2.383650 0.029186
-4.05E-05 0.025510 0.061331
0.16231 -0.353199 2.383650 0.029186
-4.05E-05 0.007753 1.495261
0.32462 -0.353199 2.383650 0.029186
-4.05E-05 0.009604 2.929190
0.48693 -0.353199 2.383650 0.029186
-4.05E-05 0.027162 4.363120
0.64924 -0.353199 2.383650 0.029186
-4.05E-05 -0.044719 -5.797049

COMB SETTLE ----- MAX

REL DIST P M2 V2 V3
0.00000 0.353199 2.383650 0.122834
4.05E-05 0.108911 0.072750
0.16231 0.353199 2.383650 0.122834
4.05E-05 0.035017 1.495261
0.32462 0.353199 2.383650 0.122834
4.05E-05 0.033205 2.929190
0.48693 0.353199 2.383650 0.122834
4.05E-05 0.097038 4.363120
0.64924 0.353199 2.383650 0.122834
4.05E-05 0.160871 5.797049

COMB SETTLE ----- MIN

REL DIST P M2 V2 V3
0.00000 -0.353199 -2.383650 -0.106111
-4.05E-05 -0.094461 -0.038256
0.16231 -0.353199 -2.383650 -0.106111
-4.05E-05 -0.030628 -1.936197
0.32462 -0.353199 -2.383650 -0.106111
-4.05E-05 -0.033205 -2.929190
0.48693 -0.353199 -2.383650 -0.106111
-4.05E-05 -0.097038 -4.363120
0.64924 -0.353199 -2.383650 -0.106111
-4.05E-05 -0.160871 -5.797049

ELEM 195 ===== LENGTH = 3.705836

LOAD -A1-----

REL DIST P M2 V2 V3
0.35080 -0.000272 -0.001078 -0.001205
2.47E-07 -0.001822 -0.004062
0.51310 -0.000272 -0.001078 -0.001205
2.47E-07 -0.001097 -0.003413
0.67540 -0.000272 -0.001078 -0.001205
2.47E-07 -0.000372 -0.002785
0.83760 -0.000272 -0.001078 -0.001205
2.47E-07 0.000352 -0.002171
1.00000 -0.000272 -0.001078 -0.001205
2.47E-07 0.001077 -0.001469

LOAD -P1-----

REL DIST P M2 V2 V3
0.35080 9.18E-05 0.005839 0.008834
-8.90E-07 0.013355 0.019756
0.51310 9.18E-05 0.005839 0.008834
-8.90E-07 0.008041 0.016244

0.67540 9.18E-05 0.005839 0.008834
-8.90E-07 0.002728 0.012732
0.83760 9.18E-05 0.005839 0.008834
-8.90E-07 -0.002586 0.009221
1.00000 9.18E-05 0.005839 0.008834
-8.90E-07 -0.007899 0.005709

LOAD -P2-----

REL DIST P M2 V2 V3
0.35080 0.004812 -0.049150 -0.028946
3.18E-06 -0.043763 -0.134854
0.51310 0.004812 -0.049150 -0.028946
3.18E-06 -0.026563 -0.105232
0.67540 0.004812 -0.049150 -0.028946
3.18E-06 -0.008943 -0.075730
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.83760 0.004812 -0.049150 -0.028946
3.18E-06 0.008466 0.046168
1.00000 0.004812 -0.049150 -0.028946
3.18E-06 0.025876 -0.016606

LOAD -P3-----

REL DIST P M2 V2 V3
0.35080 -0.055212 0.788281 0.081368
-1.15E-05 0.122932 1.904926
0.51310 -0.055212 0.788281 0.081368
-1.15E-05 0.070993 4.430807
0.67540 -0.055212 0.788281 0.081368
-1.15E-05 0.025053 0.956688
0.83760 -0.055212 0.788281 0.081368
-1.15E-05 0.038866 2.02569
1.00000 -0.055212 0.788281 0.081368
-1.15E-05 -0.072825 0.008450

LOAD -P4-----

REL DIST P M2 V2 V3
0.35080 0.105709 -1.412813 0.070697
4.41E-05 0.107126 -3.384258
0.51310 0.105709 -1.412813 0.070697
4.41E-05 0.064604 -2.534509
0.67540 0.105709 -1.412813 0.070697
4.41E-05 0.022083 -1.684759
0.83760 0.105709 -1.412813 0.070697
4.41E-05 0.020438 -0.835010
1.00000 0.105709 -1.412813 0.070697
4.41E-05 -0.062959 0.014740

LOAD -P5-----

REL DIST P M2 V2 V3
0.35080 -0.055129 0.668922 -0.130748
-3.52E-05 -0.119188 1.196163
0.67540 -0.055129 0.668922 -0.130748
-3.52E-05 0.038091 0.391505
0.83760 -0.055129 0.668922 -0.130748
-3.52E-05 0.116730 -0.010824

LOAD -2N+1-----

REL DIST P M2 V2 V3
0.35080 0.110249 -1.463042 0.040546
4.76E-05 0.061541 3.523174
0.51310 0.110249 -1.463042 0.040546
4.76E-05 0.037154 -2.643214
0.67540 0.110249 -1.463042 0.040546
4.76E-05 0.012767 1.763254
0.83760 0.110249 -1.463042 0.040546
4.76E-05 0.011619 0.883294
1.00000 0.110249 -1.463042 0.040546
4.76E-05 0.036006 -0.003335

LOAD -2N+2-----

REL DIST P M2 V2 V3
0.35080 -0.110249 1.463042 -0.040546
-4.76E-05 -0.061541 -3.523174
0.51310 -0.110249 1.463042 -0.040546
-4.76E-05 -0.037154 -2.643214
0.67540 -0.110249 1.463042 -0.040546
-4.76E-05 -0.012767 -1.763254
0.83760 -0.110249 1.463042 -0.040546
-4.76E-05 -0.011619 -0.883294
1.00000 -0.110249 1.463042 -0.040546
-4.76E-05 -0.036006 -0.003335

COMB SETTLE ----- MAX

REL DIST P M2 V2 V3
0.35080 0.110249 1.463042 0.081368
4.76E-05 0.122932 3.523174
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.51310 0.110249 1.463042 0.081368
4.76E-05 0.073993 2.643214
0.67540 0.110249 1.463042 0.081368
4.76E-05 0.025053 1.763254
0.83760 0.110249 1.463042 0.081368
4.76E-05 0.038091 0.883294
1.00000 0.110249 1.463042 0.081368
4.76E-05 0.116730 0.014740

COMB SETTLE ----- MIN

REL DIST P M2 V2 V3
0.35080 -0.110249 -1.463042 -0.130748
-4.76E-05 -0.061541 -3.523174
0.51310 -0.110249 -1.463042 -0.130748
-4.76E-05 -0.037154 -2.643214
0.67540 -0.110249 -1.463042 -0.130748
-4.76E-05 -0.012767 -1.763254
0.83760 -0.110249 -1.463042 -0.130748
-4.76E-05 -0.011619 -0.883294
1.00000 -0.110249 -1.463042 -0.130748
-4.76E-05 -0.036006 -0.003335

ELEM 196 ===== LENGTH = 3.706831

LOAD -A1-----

REL DIST P M2 V2 V3
0.00000 7.50E-05 -0.002337 -0.001216
0.00000 7.50E-05 -0.001099 -0.001172
0.16232 7.50E-05 -0.002337 -0.001216
4.77E-07 -0.000358 -0.000296
0.32465 7.50E-05 -0.002337 -0.001216
4.77E-07 0.000074 0.001110
0.48697 7.50E-05 -0.002337 -0.001216
4.77E-07 0.001106 0.002517
0.64930 7.50E-05 -0.002337 -0.001216
4.77E-07 0.001838 0.003923

LOAD -P1-----

REL DIST P M2 V2 V3
0.00000 -0.001572 0.011792 0.008862
-2.53E-06 0.007924 0.006811
0.16232 -0.001572 0.011792 0.008862
-2.53E-06 0.002592 -0.000284
0.32465 -0.001572 0.011792 0.008862
-2.53E-06 -0.002740 0.007380
0.48697 -0.001572 0.011792 0.008862
-2.53E-06 -0.008072 -0.014475
0.64930 -0.001572 0.011792 0.008862
-2.53E-06 -0.013404 -0.021571

LOAD -P2-----

REL DIST P M2 V2 V3
0.00000 0.010578 -0.069683 -0.029055
8.53E-06 -0.025991 -0.020402
0.16232 0.010578 -0.069683 -0.029055
8.53E-06 -0.008058 0.021527
0.32465 0.010578 -0.069683 -0.029055
8.53E-06 0.009874 0.063455
0.48697 0.010578 -0.069683 -0.029055
8.53E-06 0.026457 0.105384
0.64930 0.010578 -0.069683 -0.029055
8.53E-06 0.043940 0.147312

LOAD -P3-----

REL DIST P M2 V2 V3
0.00000 -0.074556 0

1.80E-07 0.000140 -0.001154
1.00000 -0.000151 -0.001293
1.60E-07 0.000425 -0.000376

LOAD -P1-----

REL DIST P M2 M3 V3
0.35074 0.000649 0.006411 0.005318
-5.81E-07 0.0008305 0.016297
0.51305 0.000649 0.006411 0.005318
-5.81E-07 0.004836 0.012440 0.005318
0.67537 0.000649 0.006411 0.005318
-5.81E-07 0.001636 0.000583
0.83768 0.000649 0.006411 0.005318
-5.81E-07 0.001563 0.004726 0.005318
1.00000 0.000649 0.006411 0.005318
-5.81E-07 0.004762 0.000869

LOAD -P2-----

REL DIST P M2 M3 V3
0.35074 -0.001757 -0.037172 -0.016724
2.25E-06 -0.025273 -0.090212
0.51305 -0.001757 -0.037172 -0.016724
2.25E-06 -0.01211 -0.067849
0.67537 -0.001757 -0.037172 -0.016724
2.25E-06 -0.005149 -0.045485
0.83768 -0.001757 -0.037172 -0.016724
2.25E-06 0.004912 0.0523121
1.00000 -0.001757 -0.037172 -0.016724
2.25E-06 0.014974 -0.000758

LOAD -P3-----

REL DIST P M2 M3 V3
0.35074 0.008873 0.455633 0.040323
-1.12E-05 0.060845 1.062669
0.51305 0.008873 0.455633 0.040323
-1.12E-05 0.036596 0.785259
0.67537 0.008873 0.455633 0.040323
-1.12E-05 0.012326 0.514431
0.83768 0.008873 0.455633 0.040323
-1.12E-05 0.015133 0.052311
1.00000 0.008873 0.455633 0.040323
-1.12E-05 -0.036192 -0.033808

LOAD -P4-----

REL DIST P M2 M3 V3
0.35074 -0.006258 -0.815528 0.126046
4.57E-05 0.190992 1.897379
0.51305 -0.006258 -0.815528 0.126046
4.57E-05 0.115160 4.06739
0.67537 -0.006258 -0.815528 0.126046
4.57E-05 0.039328 -0.916099
0.83768 -0.006258 -0.815528 0.126046
4.57E-05 -0.036505 4.24549
1.00000 -0.006258 -0.815528 0.126046
4.57E-05 -0.112337 0.065181

LOAD -P5-----

REL DIST P M2 M3 V3
0.35074 -0.001356 0.391948 -0.154489
-3.63E-05 -0.01355 0.391948 -0.154489
0.51305 -0.001356 0.391948 -0.154489
-3.63E-05 -0.014090 0.676307
0.67537 -0.001356 0.391948 -0.154489
-3.63E-05 -0.043996 0.440302
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< UNEQUAL SETTLEMENT 389 >

FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.83768 -0.001356 0.391948 -0.154489
-3.63E-05 0.044948 0.204697
1.00000 -0.001356 0.391948 -0.154489
-3.63E-05 0.137892 -0.031108

LOAD -2N+1-----

REL DIST P M2 M3 V3
0.35074 -0.008166 -0.853993 0.108848
4.82E-05 0.16004 1.991078
0.51305 -0.008166 -0.853993 0.108848
4.82E-05 0.099518 1.477297
0.67537 -0.008166 -0.853993 0.108848
4.82E-05 0.034003 0.963515
0.83768 -0.008166 -0.853993 0.108848
4.82E-05 -0.031452 -0.449734
1.00000 -0.008166 -0.853993 0.108848
4.82E-05 -0.096937 -0.064047

LOAD -2N+2-----

REL DIST P M2 M3 V3
0.35074 0.008166 0.853993 -0.108848
-4.82E-05 -0.165004 1.991078
0.51305 0.008166 0.853993 -0.108848
-4.82E-05 -0.099518 1.477297
0.67537 0.008166 0.853993 -0.108848
-4.82E-05 -0.034003 0.963515
0.83768 0.008166 0.853993 -0.108848
-4.82E-05 0.031452 0.449734
1.00000 0.008166 0.853993 -0.108848
-4.82E-05 0.096937 -0.064047

COMB SETTLE ----- MAX

REL DIST P M2 M3 V3
0.35074 0.008873 0.853993 0.126046
4.82E-05 0.190992 1.991078
0.51305 0.008873 0.853993 0.126046
4.82E-05 0.115160 4.06739
0.67537 0.008873 0.853993 0.126046
4.82E-05 0.039328 0.963515
0.83768 0.008873 0.853993 0.126046
4.82E-05 0.044948 4.449734
1.00000 0.008873 0.853993 0.126046
4.82E-05 0.137892 0.065181

COMB SETTLE ----- MIN

REL DIST P M2 M3 V3
0.35074 -0.008166 -0.853993 -0.154489
-4.82E-05 -0.233883 -1.991078
0.51305 -0.008166 -0.853993 -0.154489
-4.82E-05 -0.14210 -0.77297
0.67537 -0.008166 -0.853993 -0.154489
-4.82E-05 -0.047996 -0.963515
0.83768 -0.008166 -0.853993 -0.154489
-4.82E-05 -0.036505 -0.449734
1.00000 -0.008166 -0.853993 -0.154489
-4.82E-05 -0.112337 -0.064047

ELEM 198 ----- LENGTH

= 3.706401

LOAD -A1-----

REL DIST P M2 M3 V3
0.00000 7.39E-05 -0.000913 -0.000482
2.70E-07 -0.000434 -0.000576
0.16231 7.39E-05 -0.000913 -0.000482
2.70E-07 -0.000144 -0.000735
0.32463 7.39E-05 -0.000913 -0.000482
2.70E-07 -0.000146 -0.000522
0.48694 7.39E-05 -0.000913 -0.000482
2.70E-07 0.000436 0.001071
0.64926 7.39E-05 -0.000913 -0.000482
2.70E-07 0.000726 0.001620

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< UNEQUAL SETTLEMENT 390 >

FRAME ELEMENT INTERNAL FORCES

LOAD -P1-----

REL DIST P M2 M3 V3
0.00000 -0.000435 0.00417 0.005340
-1.55E-06 0.004780 0.001815
0.16231 -0.000435 0.00417 0.005340
-1.55E-06 0.001568 -0.000962
0.32463 -0.000435 0.00417 0.005340
-1.55E-06 -0.001645 -0.003740
0.48694 -0.000435 0.00417 0.005340
-1.55E-06 -0.004858 0.000617
0.64926 -0.000435 0.00417 0.005340
-1.55E-06 -0.008070 -0.009295

LOAD -P2-----

REL DIST P M2 M3 V3
0.00000 0.002010 -0.030984 -0.016831
5.28E-06 0.015078 -0.004016
0.16231 0.002010 -0.030984 -0.016831
5.28E-06 0.004953 0.014624
0.32463 0.002010 -0.030984 -0.016831
5.28E-06 0.005172 0.033264
0.48694 0.002010 -0.030984 -0.016831
5.28E-06 0.015298 0.051904
0.64926 0.002010 -0.030984 -0.016831
5.28E-06 0.025423 0.070545

LOAD -P3-----

REL DIST P M2 M3 V3
0.00000 -0.003728 0.434647 0.040164
0.16231 -0.003728 0.434647 0.040164
-1.81E-05 -0.035892 -0.036961
0.32463 -0.003728 0.434647 0.040164
-1.81E-05 -0.012344 -0.519768
0.48694 -0.003728 0.434647 0.040164
-1.81E-05 -0.036506 -0.807252
0.64926 -0.003728 0.434647 0.040164
-1.81E-05 -0.060669 -1.068736

LOAD -P4-----

REL DIST P M2 M3 V3
0.00000 0.010706 -0.786665 0.126982
2.19E-05 0.113150 0.050066
0.16231 0.010706 -0.786665 0.126982
2.19E-05 0.036758 0.523324
0.32463 0.010706 -0.786665 0.126982
2.19E-05 0.039635 0.986582
0.48694 0.010706 -0.786665 0.126982
2.19E-05 -0.116027 1.469839
0.64926 0.010706 -0.786665 0.126982
2.19E-05 -0.192419 1.943097

LOAD -P5-----

REL DIST P M2 M3 V3
0.00000 -0.008627 0.379298 -0.155174
-7.82E-06 -0.138401 -0.024488
0.16231 -0.008627 0.379298 -0.155174
-7.82E-06 -0.045048 -0.045744
0.32463 -0.008627 0.379298 -0.155174
-7.82E-06 0.048305 -0.480860
0.48694 -0.008627 0.379298 -0.155174
-7.82E-06 0.141658 -0.709046
0.64926 -0.008627 0.379298 -0.155174
-7.82E-06 0.235010 -0.937231

LOAD -2N+1-----

REL DIST P M2 M3 V3
0.00000 0.012790 -0.818562 0.109670
2.74E-05 0.097638 0.045474
0.16231 0.012790 -0.818562 0.109670
2.74E-05 0.031691 0.016215
0.32463 0.012790 -0.818562 0.109670
2.74E-05 -0.034316 1.030368
0.48694 0.012790 -0.818562 0.109670
2.74E-05 0.100293 1.522815
0.64926 0.012790 -0.818562 0.109670
2.74E-05 0.016271 -0.2015262

LOAD -2N+2-----

REL DIST P M2 M3 V3
0.00000 0.012790 -0.818562 0.109670
2.74E-05 0.097638 0.045474
0.16231 0.012790 -0.818562 0.109670
2.74E-05 0.031691 0.016215
0.32463 0.012790 -0.818562 0.109670
2.74E-05 -0.034316 1.030368
0.48694 0.012790 -0.818562 0.109670
2.74E-05 0.100293 1.522815
0.64926 0.012790 -0.818562 0.109670
2.74E-05 0.016271 -0.2015262

COMB SETTLE ----- MAX

REL DIST P M2 M3 V3
0.00000 0.012790 -0.818562 0.109670
2.74E-05 0.097638 0.045474
0.16231 0.012790 -0.818562 0.109670
2.74E-05 0.031691 0.016215
0.32463 0.012790 -0.818562 0.109670
2.74E-05 -0.034316 1.030368
0.48694 0.012790 -0.818562 0.109670
2.74E-05 0.100293 1.522815
0.64926 0.012790 -0.818562 0.109670
2.74E-05 0.016271 -0.2015262

COMB SETTLE ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.012790 0.818562 -0.109670
-2.74E-05 -0.097638 -0.045474
-0.16231 -0.012790 0.818562 -0.109670
-2.74E-05 -0.031691 -0.016215
-0.32463 -0.012790 0.818562 -0.109670
-2.74E-05 0.034316 -1.030368
-0.48694 -0.012790 0.818562 -0.109670
-2.74E-05 -0.100293 -1.522815
-0.64926 -0.012790 0.818562 -0.109670
-2.74E-05 -0.016271 0.2015262

ELEM 199 ----- LENGTH

= 3.706154

LOAD -A1-----

REL DIST P M2 M3 V3
0.00000 7.39E-05 -0.000913 -0.000482
2.70E-07 -0.000434 -0.000576
0.16231 7.39E-05 -0.000913 -0.000482
2.70E-07 -0.000144 -0.000735
0.32463 7.39E-05 -0.000913 -0.000482
2.70E-07 -0.000146 -0.000522
0.48694 7.39E-05 -0.000913 -0.000482
2.70E-07 0.000436 0.001071
0.64926 7.39E-05 -0.000913 -0.000482
2.70E-07 0.000726 0.001620

1.07E-07 -5.14E-05 -0.000881
1.00000 -0.000118 7.83E-05
1.07E-07 -0.000163 -0.000928

LOAD -P1-----

REL DIST P M2 M3 V3
0.35077 0.000881 -0.000272 0.002154
-2.39E-07 0.003243 0.003057
0.51308 0.000881 -0.000272 0.002154
-2.39E-07 0.001948 0.003221
0.67538 0.000881 -0.000272 0.002154
-2.39E-07 0.000652 0.003385
1.00000 0.000881 -0.000272 0.002154
-2.39E-07 0.001939 0.003713

LOAD -P2-----

REL DIST P M2 M3 V3
0.35077 -0.004003 -0.005765 -0.005730
1.10E-06 -0.006824 -0.025128
0.51308 -0.004003 -0.005765 -0.005730
1.10E-06 -0.005177 -0.016860
0.67538 -0.004003 -0.005765 -0.005730
1.10E-06 -0.001730 -0.018193
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.83769 -0.004003 -0.005765 -0.005730
1.10E-06 0.001717 -0.014725
1.00000 -0.004003 -0.005765 -0.005730
1.10E-06 0.005164 -0.011257

LOAD -P3-----

REL DIST P M2 M3 V3
0.35077 0.027718 0.169353 0.003406
-8.02E-06 0.004961 0.418832
0.51308 0.027718 0.169353 0.003406
-8.02E-06 0.002912 0.316960
0.67538 0.027718 0.169353 0.003406
-8.02E-06 0.000863 0.215088
0.83769 0.027718 0.169353 0.003406
-8.02E-06 0.001186 0.113215
1.00000 0.027718 0.169353 0.003406
-8.02E-06 -0.003235 0.011343

LOAD -P4-----

REL DIST P M2 M3 V3
0.35077 -0.038153 -0.334245 0.176097
4.19E-05 0.266677 -0.808096
0.51308 -0.038153 -0.334245 0.176097
4.19E-05 0.160747 -0.607035
0.67538 -0.038153 -0.334245 0.176097
4.19E-05 0.054818 -0.405974
0.83769 -0.038153 -0.334245 0.176097
4.19E-05 0.051212 0.204913
1.00000 -0.038153 -0.334245 0.176097
4.19E-05 -0.157041 -0.003852

LOAD -P5-----

REL DIST P M2 M3 V3
0.35077 0.013675 0.170651 -0.176112
-3.48E-05 -0.286539 0.412074
0.51308 0.013675 0.170651 -0.176112
-3.48E-05 -0.160601 0.309301
0.67538 0.013675 0.170651 -0.176112
-3.48E-05 0.04863 0.206528
0.83769 0.013675 0.170651 -0.176112
-3.48E-05 0.051275 0.103754
1.00000 0.013675 0.170651 -0.176112
-3.48E-05 0.157213 0.003981

LOAD -2N+1-----

REL DIST P M2 M3 V3
0.35077 -0.042274 -0.339931 0.170552
4.31E-05 -0.255335 0.833963
0.51308 -0.042274 -0.339931 0.170552
4.31E-05 -0.155742 0.629482
0.67538 -0.042274 -0.339931 0.170552
4.31E-05 -0.053148 0.425000
0.83769 -0.042274 -0.339931 0.170552
4.31E-05 -0.051112 0.220519
1.00000 -0.042274 -0.339931 0.170552
4.31E-05 -0.152039 0.016037

LOAD -2N+2-----

REL DIST P M2 M3 V3
0.35077 0.042274 0.339931 -0.170552
4.31E-05 0.255335 0.833963
0.51308 0.042274 0.339931 -0.170552
4.31E-05 0.155742 0.629482
0.67538 0.042274 0.339931 -0.170552
4.31E-05 0.053148 0.425000
0.83769 0.042274 0.339931 -0.170552
4.31E-05 0.051112 0.220519
1.00000 0.042274 0.339931 -0.170552
4.31E-05 0.152039 0.016037

COMB SETTLE ----- MAX

REL DIST P M2 M3 V3
0.35077 0.042274 0.339931 0.176097
4.31E-05 0.266677 0.833963
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< UNEQUAL SETTLEMENT 393 >

FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.51308 0.042274 0.339931 0.176097
4.31E-05 0.160747 0.629482
0.67538 0.042274 0.339931 0.176097
4.31E-05 0.054818 0.425000
0.83769 0.042274 0.339931 0.176097
4.31E-05 0.051112 0.220519
1.00000 0.042274 0.339931 0.176097
4.31E-05 -0.157041 -0.003852

COMB SETTLE ----- MIN

REL DIST P M2 M3 V3
0.35077 -0.042274 -0.339931 -0.176112
-4.31E-05 -0.266539 -0.833963
0.51308 -0.042274 -0.339931 -0.176112
-4.31E-05 -0.160601 -0.309301
0.67538 -

LOAD				-A1				REL DIST				P				M2				V2				V3				V4				V5				V6				V7				V8				V9				V10				V11				V12				V13				V14				V15				V16				V17				V18				V19				V20				V21				V22				V23				V24				V25				V26				V27				V28				V29				V30				V31				V32				V33				V34				V35				V36				V37				V38				V39				V40				V41				V42				V43				V44				V45				V46				V47				V48				V49				V50				V51				V52				V53				V54				V55				V56				V57				V58				V59				V60				V61				V62				V63				V64				V65				V66				V67				V68				V69				V70				V71				V72				V73				V74				V75				V76				V77				V78				V79				V80				V81				V82				V83				V84				V85				V86				V87				V88				V89				V90				V91				V92				V93				V94				V95				V96				V97				V98				V99				V100				V101				V102				V103				V104				V105				V106				V107				V108				V109				V110				V111				V112				V113				V114				V115				V116				V117				V118				V119				V120				V121				V122				V123				V124				V125				V126				V127				V128				V129				V130				V131				V132				V133				V134				V135				V136				V137				V138				V139				V140				V141				V142				V143				V144				V145				V146				V147				V148				V149				V150				V151				V152				V153				V154				V155				V156				V157				V158				V159				V160				V161				V162				V163				V164				V165				V166				V167				V168				V169				V170				V171				V172				V173				V174				V175				V176				V177				V178				V179				V180				V181				V182				V183				V184				V185				V186				V187				V188				V189				V190				V191				V192				V193				V194				V195				V196				V197				V198				V199				V200				V201				V202				V203				V204				V205				V206				V207				V208				V209				V210				V211				V212				V213				V214				V215				V216				V217				V218				V219				V220				V221				V222				V223				V224				V225				V226				V227				V228				V229				V230				V231				V232				V233				V234				V235				V236				V237				V238				V239				V240				V241				V242				V243				V244				V245				V246				V247				V248				V249				V250				V251				V252				V253				V254				V255				V256				V257				V258				V259				V260				V261				V262				V263				V264				V265				V266				V267				V268				V269				V270				V271				V272				V273				V274				V275				V276				V277				V278				V279				V280				V281				V282				V283				V284				V285				V286				V287				V288				V289				V290				V291				V292				V293				V294				V295				V296				V297				V298				V299				V300				V301				V302				V303				V304				V305				V306				V307				V308				V309				V310				V311				V312				V313				V314				V315				V316				V317				V318				V319				V320				V321				V322				V323				V324				V325				V326				V327				V328				V329				V330				V331				V332				V333				V334				V335				V336				V337				V338				V339				V340				V341				V342				V343				V344				V345				V346				V347				V348				V349				V350				V351				V352				V353				V354				V355				V356				V357				V358				V359				V360				V361				V362				V363				V364				V365				V366				V367				V368				V369				V370				V371				V372				V373				V374				V375				V376				V377				V378				V379				V380				V381				V382				V383				V384				V385				V386				V387				V388				V389				V390				V391				V392				V393				V394				V395				V396				V397				V398				V399				V400				V401				V402				V403				V404				V405				V406				V407				V408				V409				V410				V411				V412				V413				V414				V415				V416				V417				V418				V419				V420				V421				V422				V423				V424				V425				V426				V427				V428				V429				V430				V431				V432				V433				V434				V435				V436				V437				V438				V439				V440				V441				V442				V443				V444				V445				V446				V447				V448				V449				V450				V451				V452				V453				V454				V455				V456				V457				V458				V459				V460				V461				V462				V463				V464				V465				V466				V467				V468				V469				V470				V471				V472				V473				V474				V475				V476				V477				V478				V479				V480				V481				V482				V483				V484				V485				V486				V487				V488				V489				V490				V491				V492				V493				V494				V495				V496				V497				V498				V499				V500				V501				V502				V503				V504				V505				V506				V507				V508				V509				V510				V511				V512				V513				V514				V515				V516				V517				V518				V519				V520				V521				V522				V523				V524				V525				V526				V527				V528				V529				V530				V531				V532				V533				V534				V535				V536				V537				V538				V539				V540				V541				V542				V543				V544				V545				V546				V547				V548				V549				V550				V551				V552				V553				V554				V555				V556				V557				V558				V559				V560				V561				V562				V563				V564				V565				V566				V567				V568				V569				V570				V571				V572				V573				V574				V575				V576				V577				V578				V579				V580				V581				V582				V583				V584				V585				V586				V587				V588				V589				V590				V591				V592				V593				V594				V595				V596				V597				V598				V599				V600				V601				V602				V603				V604				V605				V606				V607				V608				V609				V610				V611				V612				V613				V614				V615				V616				V617				V618				V619				V620				V621				V622				V623				V624				V625				V626				V627				V628				V629				V630				V631				V632				V633				V634				V635				V636				V637				V638				V639				V640				V641				V642				V643				V644				V645				V646				V647				V648				V649				V650				V651				V652				V653				V654				V655				V656				V657				V658				V659				V660				V661				V662				V663				V664				V665				V666				V667				V668				V669				V670				V671				V672				V673				V674				V675				V676				V677				V678				V679				V680				V681				V682				V683				V684				V685				V686				V687				V688				V689				V690				V691				V692				V693				V694				V695				V696				V697				V698				V699				V700				V701				V702				V703				V704				V705				V706				V707				V708				V709				V710				V711				V712				V713				V714				V715				V716				V717				V718				V719				V720				V721				V722				V723				V724				V725				V726				V727				V728				V729				V730				V731				V732				V733				V734				V735				V736				V737				V738				V739				V740				V741				V742				V743				V744				V745				V746				V747				V748				V749				V750				V751				V752				V753				V754				V755				V756				V757				V758				V759				V760				V761				V762				V763				V764				V765				V766				V767				V768				V769				V770				V771				V772				V773				V774				V775				V776				V777				V778				V779				V780				V781				V782				V783				V784				V785				V786				V787				V788				V789				V790				V791				V792				V793				V794				V795				V796				V797				V798				V799				V800				V801				V802				V803				V804				V805				V806				V807				V808				V809				V810				V811				V812				V813				V814				V815				V816				V817				V818				V819				V820				V821				V822				V823				V824				V825				V826				V827				V828				V829				V830				V831				V832				V833				V834				V835				V836				V837				V838				V839				V840				V841				V842				V843				V844				V845				V846				V847				V848				V849				V850				V851				V852				V853				V854				V855				V856				V857				V858				V859				V860				V861				V862				V863				V864				V865				V866				V867				V868				V869				V870				V871				V872				V873				V874				V875				V876				V877				V878				V879				V880				V881				V882				V883				V884				V885				V886				V887				V888				V889				V890				V891				V892				V893				V894				V895				V896				V897				V898				V899				V900				V901				V902				V903				V904				V905				V906				V907				V908				V909				V910				V911				V912				V913				V914				V915				V916				V917				V918				V919				V920				V921				V922				V923				V924				V925				V926				V927				V928				V929				V930				V931				V932				V933				V934				V935				V936				V937				V938				V939				V940				V941				V942				V943				V944				V945				V946				V947				V948				V949				V950				V951				V952				V953				V954				V955				V956				V957				V958				V959				V960				V961				V962				V963				V964				V965				V966				V967				V968				V969				V970				V971				V972				V973				V974				V975				V976				V977				V978				V979				V980				V981				V982				V983				V984				V985				V986				V987				V988				V989				V990				V991				V992				V993				V994				V995				V996				V997				V998				V999				V1000				V1001				V1002				V1003				V1004				V1005				V1006				V1007				V1008				V1009				V1010				V1011				V1012				V1013				V1014				V1015				V1016				V1017				V1018				V1019				V1020				V1021				V1022				V1023				V1024				V1025				V1026				V1027				V1028				V1029				V1030				V1031				V1032				V1033				V1034				V			

REL DIST P V2 V3
M2 M3
0.00000 -0.014082 -0.024918 -0.330895
-3.90E-05 -0.295548 -0.006090
0.16230 -0.014082 -0.024918 -0.330895
-3.90E-05 -0.096530 0.016574
0.32460 -0.014082 -0.024918 -0.330895
-3.90E-05 -0.102487 -0.027703
0.48690 -0.014082 -0.024918 -0.330895
-3.90E-05 -0.301504 0.038833
0.64922 -0.014082 -0.024918 -0.330895
-3.90E-05 -0.500522 -0.049963
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FRAME ELEMENT INTERNA
L FORCES
ELEM 209 ===== LENGTH
= 3.707026

LOAD -A1
REL DIST T P M2 M3 V2 V3
0.35069 7.02E-07 -0.003466 0.002028
-2.00E-07 0.003109 -0.006862
0.51301 7.02E-05 -0.003466 0.002028
-2.00E-07 0.001889 -0.006776
0.67534 7.02E-05 -0.003466 0.002028
-2.00E-07 0.000669 -0.004690
0.83767 7.02E-05 -0.003466 0.002028
-2.00E-07 -0.000551 -0.002604
1.00000 7.02E-05 -0.006992 0.002028
-2.00E-07 -0.001771 -0.000518

LOAD -P1
REL DIST T P M2 M3 V2 V3
0.35069 -0.000180 0.016372 -0.006784
1.21E-06 -0.000180 0.016372
0.51301 -0.000180 0.016372
1.21E-06 -0.000180 0.016372
0.67534 -0.000180 0.016372
1.21E-06 -0.000180 0.016372
0.83767 -0.000180 0.016372
1.21E-06 -0.000180 0.016372
1.00000 -0.000180 0.016372
1.21E-06 -0.000180 0.016372

LOAD -P2
REL DIST T P M2 M3 V2 V3
0.35069 -1.98E-05 -0.054992 0.025225
-3.88E-06 0.038710 -0.140754
0.51301 -1.98E-05 -0.054992 0.025225
-3.88E-06 0.023531 -0.107662
0.67534 -1.98E-05 -0.054992 0.025225
-3.88E-06 0.008351 -0.074571
0.83767 -1.98E-05 -0.054992 0.025225
-3.88E-06 -0.006828 -0.041479
1.00000 -1.98E-05 -0.054992 0.025225
-3.88E-06 -0.022008 -0.008387

LOAD -P3
REL DIST T P M2 M3 V2 V3
0.35069 -0.001541 0.158209 -0.099798
9.11E-06 -0.153104 0.402969
0.51301 -0.001541 0.158209 -0.099798
2.30E-05 -0.030050 0.077785
0.67534 -0.001541 0.158209 -0.099798
9.11E-06 -0.032996 0.212562
0.83767 -0.001541 0.158209 -0.099798
2.30E-05 -0.027058 0.171359
1.00000 -0.001541 0.158209 -0.099798
9.11E-06 -0.087113 0.221555

LOAD -P4
REL DIST T P M2 M3 V2 V3
0.35069 -0.000507 -0.032212 0.309681
2.30E-05 0.474403 -0.130820
0.51301 -0.000507 -0.032212 0.309681
2.30E-05 0.111437
0.67534 -0.000507 -0.032212 0.309681
2.30E-05 0.101899 -0.092053
0.83767 -0.000507 -0.032212 0.309681
2.30E-05 -0.030654 0.077785
1.00000 -0.000507 -0.032212 0.309681
2.30E-05 -0.271006 -0.053285

LOAD -P5
REL DIST T P M2 M3 V2 V3
0.35069 0.007178 -0.083911 -0.230352
-2.93E-05 -0.352705 -0.164174
0.51301 0.007178 -0.083911 -0.230352
-2.93E-05 -0.214090 -0.113680
0.67534 0.007178 -0.083911 -0.230352
-2.93E-05 -0.075474 -0.063186
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FRAME ELEMENT INTERNA
L FORCES
REL DIST T P M2 M3 V2 V3
0.83767 0.007178 -0.083911 -0.230352
-2.93E-05 0.063142 0.012692
1.00000 0.007178 -0.083911 -0.230352
-2.93E-05 0.201757 0.037802

LOAD -2N+1-
REL DIST T P M2 M3 V2 V3
0.35069 -0.005457 -0.090670 0.336934
1.89E-05 0.516223 -0.280436
0.51301 -0.005457 -0.090670 0.336934
1.89E-05 0.313471 -0.225875
0.67534 -0.005457 -0.090670 0.336934
1.89E-05 0.110719 -0.017133
0.83767 -0.005457 -0.090670 0.336934
1.89E-05 -0.092033 -0.116752
1.00000 -0.005457 -0.090670 0.336934
1.89E-05 -0.294785 -0.062190

LOAD -2N+2-
REL DIST T P M2 M3 V2 V3
0.35069 0.005457 0.090670 -0.336934
1.89E-05 0.516223 -0.280436
0.51301 0.005457 0.090670 -0.336934
1.89E-05 0.313471 -0.225875
0.67534 0.005457 0.090670 -0.336934
1.89E-05 0.110719 -0.017133
0.83767 0.005457 0.090670 -0.336934
1.89E-05 0.092033 -0.116752
1.00000 0.005457 0.090670 -0.336934
1.89E-05 0.294785 -0.062190

COMB SETTLE
REL DIST T P M2 M3 V2 V3
0.35069 0.007178 0.158209 0.336934
2.30E-05 0.516223 0.402969
0.51301 0.007178 0.158209 0.336934
2.30E-05 0.313471 0.07765
0.67534 0.007178 0.158209 0.336934
2.30E-05 0.110719 0.212562
0.83767 0.007178 0.158209 0.336934

2.30E-05 0.092033 0.117359
1.00000 0.007178 0.158209
2.30E-05 0.294785 0.062190

COMB SETTLE
REL DIST T P M2 M3 V2 V3
0.35069 -0.000507 -0.090670 -0.336934
-2.93E-05 -0.516223 -0.280436
0.51301 -0.000507 -0.090670 -0.336934
-2.93E-05 -0.313471 -0.225875
0.67534 -0.000507 -0.090670 -0.336934
-2.93E-05 -0.110719 -0.017133
0.83767 -0.000507 -0.090670 -0.336934
-2.93E-05 -0.092033 -0.116752
1.00000 -0.000507 -0.090670 -0.336934
-2.93E-05 -0.294785 -0.062190

ELEM 210 ===== LENGTH
= 3.706035

LOAD -A1
REL DIST T P M2 M3 V2 V3
0.00000 1.76E-05 -0.004080 0.002041
-5.86E-07 0.001793 -0.000564
0.16231 1.76E-05 -0.004080 0.002041
-5.86E-07 0.000555 -0.001810
0.32461 1.76E-05 -0.004080 0.002041
-5.86E-07 -0.000672 -0.004344
0.48692 1.76E-05 -0.004080 0.002041
-5.86E-07 -0.001900 0.006798
0.64922 1.76E-05 -0.004080 0.002041
-5.86E-07 -0.003128 0.009252
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FRAME ELEMENT INTERNA
L FORCES
LOAD -P1
REL DIST T P M2 M3 V2 V3
0.00000 -0.000119 0.019255 -0.006846
2.50E-06 -0.005976 0.002451
0.16231 -0.000119 0.019255 -0.006846
0.32461 -0.000119 0.019255 -0.006846
2.50E-06 -0.002260 0.002074
0.48692 -0.000119 0.019255 -0.006846
2.50E-06 0.000678
0.64922 -0.000119 0.019255 -0.006846
2.50E-06 0.010496 -0.043878

LOAD -P2
REL DIST T P M2 M3 V2 V3
0.00000 -0.000347 -0.064928 0.025428
-8.67E-06 0.022196 -0.009135
0.16231 -0.000347 -0.064928 0.025428
-8.67E-06 0.006901 -0.029920
0.32461 -0.000347 -0.064928 0.025428
-8.67E-06 -0.006394 0.068974
0.48692 -0.000347 -0.064928 0.025428
-8.67E-06 0.023689 0.108029
0.64922 -0.000347 -0.064928 0.025428
-8.67E-06 -0.038984 0.147083

LOAD -P3
REL DIST T P M2 M3 V2 V3
0.00000 0.000051 0.191864 -0.100698
2.82E-05 -0.087969 0.024681
0.16231 0.000051 0.191864 -0.100698
0.32461 0.000051 0.191864 -0.100698
2.82E-05 -0.027399 -0.090727
0.48692 0.000051 0.191864 -0.100698
2.82E-05 0.000551 0.191864 -0.100698
0.64922 0.000051 0.191864 -0.100698
2.82E-05 0.154313 -0.436950

LOAD -P4
REL DIST T P M2 M3 V2 V3
0.00000 -0.019852 -0.079272 0.311876
0.16231 -0.019852 -0.079272 0.311876
0.32461 -0.019852 -0.079272 0.311876
2.82E-05 0.010234 0.038611
0.48692 -0.019852 -0.079272 0.311876
2.82E-05 -0.289930 0.086293
0.64922 -0.019852 -0.079272 0.311876
2.82E-05 -0.477526 0.133976

LOAD -P5
REL DIST T P M2 M3 V2 V3
0.00000 0.019749 -0.062840 -0.231802
1.53E-05 -0.202894 0.039322
0.16231 0.019749 -0.062840 -0.231802
1.53E-05 -0.063463 0.077121
0.32461 0.019749 -0.062840 -0.231802
1.53E-05 0.075968 -0.04920
0.48692 0.019749 -0.062840 -0.231802
1.53E-05 0.215399 0.152718
0.64922 0.019749 -0.062840 -0.231802
1.53E-05 0.354830 0.190517

LOAD -2N+1-
REL DIST T P M2 M3 V2 V3
0.00000 -0.020181 -0.148280 0.339346
-4.60E-05 0.296839 -0.066454
0.16231 -0.020181 -0.148280 0.339346
-4.60E-05 0.092719 -0.022737
0.32461 -0.020181 -0.148280 0.339346
-4.60E-05 -0.111400 -0.111929
0.48692 -0.020181 -0.148280 0.339346
-4.60E-05 -0.519639 0.290312
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

LOAD -2N+2-
REL DIST T P M2 M3 V2 V3
0.00000 0.020181 0.148280 -0.339346
4.60E-05 0.296839 -0.066454
0.16231 0.020181 0.148280 -0.339346
4.60E-05 0.092719 -0.022737
0.32461 0.020181 0.148280 -0.339346
4.60E-05 0.111400 -0.111929
0.48692 0.020181 0.148280 -0.339346
4.60E-05 0.519639 -0.290312

COMB SETTLE
REL DIST T P M2 M3 V2 V3
0.00000 0.020181 0.191864 0.339346
4.60E-05 0.296839 0.066454
0.16231 0.020181 0.191864 0.339346
4.60E-05 0.092719 0.077121

< UNEQUAL Page SETTLEMENT 412 >

FRAME ELEMENT INTERNA
L FORCES
LOAD -2N+2-
REL DIST T P M2 M3 V2 V3
0.00000 0.020181 0.148280 -0.339346
4.60E-05 0.296839 -0.066454
0.16231 0.020181 0.148280 -0.339346
4.60E-05 -0.092719 -0.022737
0.32461 0.020181 0.148280 -0.339346
4.60E-05 0.111400 -0.111929
0.48692 0.020181 0.148280 -0.339346
4.60E-05 0.519639 -0.290312

COMB SETTLE
REL DIST T P M2 M3 V2 V3
0.00000 0.020181 0.191864 0.339346
4.60E-05 0.296839 0.066454
0.16231 0.020181 0.191864 0.339346
4.60E-05 0.092719 0.077121

0.32461 0.020181 0.191864 0.339346
4.60E-05 0.111400 0.114920
0.48692 0.020181 0.191864
4.60E-05 0.315520 0.201120
0.64922 0.020181 0.191864
4.60E-05 0.519639 0.290312

COMB SETTLE
REL DIST T P M2 M3 V2 V3
0.00000 -0.020181 -0.148280 -0.339346
-4.60E-05 -0.296839 -0.066454
0.16231 -0.020181 -0.148280
-4.60E-05 0.092719 -0.022737
0.32461 -0.020181 -0.148280
-4.60E-05 -0.111400 -0.206135
0.48692 -0.020181 -0.148280
-4.60E-05 -0.315520 -0.201543
0.64922 -0.020181 -0.148280
-4.60E-05 -0.519639 -0.436950

ELEM 211 ===== LENGTH
= 3.706239

LOAD -A1
REL DIST T P M2 M3 V2 V3
0.35076 -0.002196 -0.011410 0.002799
-3.43E-07 0.003795 -0.027512
0.51307 -0.002196 -0.011410 0.002799
-3.43E-07 0.002111 -0.020648
0.67538 -0.002196 -0.011410 0.002799
-3.43E-07 0.000428 -0.013785
0.83769 -0.002196 -0.011410 0.002799
-3.43E-07 -0.001256 -0.000921
1.00000 -0.002196 -0.011410 0.002799
-3.43E-07 -0.002940 -5.73E-05

LOAD -P1
REL DIST T P M2 M3 V2 V3
0.35076 0.006646 0.053856 -0.009563
1.78E-06 0.001466 0.064896
0.83769 0.006646 0.053856 -0.009563
1.78E-06 0.004287 0.032498
1.00000 0.006646 0.053856 -0.009563
1.78E-06 0.010040 0.000101

LOAD -P2
REL DIST T P M2 M3 V2 V3
0.35076 -0.028217 -0.181675 0.035386
-5.88E-06 0.047790 -0.438732
0.51307 -0.028217 -0.181675 0.035386
-5.88E-06 0.026704 -0.329443
0.67538 -0.028217 -0.181675 0.035386
-5.88E-06 0.005417 -0.220155
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

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FRAME ELEMENT INTERNA
L FORCES
REL DIST T P M2 M3 V2 V3
0.83769 -0.028217 -0.181675 0.035386
-5.88E-06 -0.015870 -0.110867
1.00000 -0.028217 -0.181675 0.035386
-5.88E-06 -0.037156 -0.001578

LOAD -P3
REL DIST T P M2 M3 V2 V3
0.35076 0.118166 0.540560 -0.138642
1.62E-05 -0.188090 1.300980
0.51307 0.118166 0.540560 -0.138642
1.62E-05 0.181675 0.975801
0.67538 0.118166 0.540560 -0.138642
1.62E-05 -0.021207 0.056022
0.83769 0.118166 0.540560 -0.138642
1.62E-05 0.082195 0.325443
1.00000 0.118166 0.540560 -0.138642
1.62E-05 0.145596 0.000264

LOAD -P4
REL DIST T P M2 M3 V2 V3
0.35076 -0.482160 -0.196457 0.416733
8.81E-06 0.564831 -0.506772
0.51307 -0.482160 -0.196457 0.416733
8.81E-06 0.311411 -0.386891
0.67538 -0.482160 -0.196457 0.416733
8.81E-06 0.063456 -0.270410
0.83769 -0.482160 -0.196457 0.416733
8.81E-06 0.118166 0.540560
1.00000 -0.482160 -0.196457 0.416733
8.81E-06 -0.437928 -0.034049

LOAD -P5
REL DIST T P M2 M3 V2 V3
0.35076 0.387761 -0.204874 -0.306713
-2.06E-05 -0.415636 -0.457656
0.51307 0.387761 -0.204874 -0.306713
-2.06E-05 0.231130 -0.334412
0.67538 0.387761 -0.204874 -0.306713
-2.06E-05 -0.066224 -0.211168
0.83769 0.387761 -0.204874 -0.306713
-2.06E-05 0.173882 -0.087924
1.00000 0.387761 -0.204874 -0.306713
-2.06E-05 0.322388 0.035319

LOAD -2N+1-
REL DIST T P M2 M3 V2 V3
0.35076 -0.512573 -0.389542 0.454918
2.59E-06 0.616617 0.973015
0.51307 -0.512573 -0.389542 0.454918
2.59E-06 0.342956 -0.738682
0.67538 -0.512573 -0.389542 0.454918
2.59E-06 0.069296 0.504350
0.83769 -0.512573 -0.389542 0.454918
2.59E-06 -0.204364 -0.270017
1.00000 -0.512573 -0.389542 0.454918
2.59E-06 -0.478024 -0.035684

LOAD -2N+2-
REL DIST T P M2 M3 V2 V3
0.35076 0.512573 0.389542 -0.454918
2.59E-06 0.616617 0.973015
0.51307 0.512573 0.389542 -0.454918
2.59E-06 0.342956 0.738682
0.67538 0.512573 0.389542 -0.454918
2.59E-06 0.069296 0.504350
0.83769 0.512573 0.389542 -0.454918
2.59E-06 0.204364 0.270017
1.00000 0.512573 0.389542 -0.454918
2.59E-06 0.478024 0.035684

COMB SETTLE
REL DIST T P M2 M3 V2 V3
0.35076 0.512573 0.540560 0.454918
1.82E-05 0.616617 1.300980
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNA
L FORCES
REL DIST T P M2 M3 V2 V3
0.83769 0.512573 0.540560 0.454918
1.82E-05 0.616617 1.300980
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

414
FRAME ELEMENT INTERNA
L FORCES

REL DIST T P M2 M3 V2 V3
0.51307 0.512573 0.540560 0.454918
1.62E-05 0.342956 0.975801
0.67538 0.512573 0.540560 0.454918
1.62E-05 0.069296 0.504350
0.83769 0.512573 0.540560 0.454918
1.62E-05 0.204364 0.325443
1.00000 0.512573 0.540560 0.454918
1.62E-05 0.478024 0.035684

COMB SETTLE
REL DIST T P M2 M3 V2 V3
0.35076 -0.512573 -0.389542 -0.454918
-2.06E-05 -0.616617 -0.973015
0.51307 -0.512

3.64E-05 0.479324 0.036473 0.456349
0.16233 0.378625 0.544681
3.64E-05 0.204690 0.200644
0.32467 0.378625 0.544681
3.64E-05 0.069944 0.437761
0.48700 0.378625 0.544681
3.64E-05 0.195718 0.456349
0.64933 0.378625 0.544681
3.64E-05 0.619212 0.911995

COMB SETTLE ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.378625 -0.394008 -0.456349
-3.64E-05 -0.479324 -0.036473 -0.456349
0.16233 -0.378625 -0.394008 -0.456349
-3.64E-05 -0.204690 -0.327062 -0.456349
0.32467 -0.378625 -0.394008 -0.456349
-3.64E-05 -0.069944 -0.654855 -0.456349
0.48700 -0.378625 -0.394008 -0.456349
-3.64E-05 -0.344578 -0.382648 -0.456349
0.64933 -0.378625 -0.394008 -0.456349
-3.64E-05 -0.619212 -1.310441 -0.456349
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

ELEM 213 ===== LENGTH
3.706861

LOAD -A1 -----

REL DIST T P M2 M3 V3
0.35070 0.003314 -0.017634 0.002473
-3.17E-07 0.003537 -0.041492 0.002473
0.51303 0.003914 -0.017634 0.002473
3.17E-07 0.002049 -0.030882 0.002473
0.67535 0.001921 -0.017634 0.002473
-3.17E-07 0.000561 -0.020271 0.002473
0.83768 0.003914 -0.017634 0.002473
3.17E-07 -0.000928 -0.009660 0.002473
1.00000 0.007003 -0.009660 0.002473
-3.17E-07 -0.002416 0.000950 0.002473

LOAD -P1 -----

REL DIST T P M2 M3 V3
0.35070 -0.014764 0.083277 -0.008464
1.70E-06 -0.012106 0.195738 -0.008464
0.51303 -0.014764 0.083277 -0.008464
1.70E-06 -0.007014 0.145629 -0.008464
0.67535 -0.014764 0.083277 -0.008464
1.70E-06 -0.001921 0.095520 -0.008464
0.83768 -0.014764 0.083277 -0.008464
1.70E-06 0.003172 0.045411 -0.008464
1.00000 -0.014764 0.083277 -0.008464
1.70E-06 0.008265 -0.004698 -0.008464

LOAD -P2 -----

REL DIST T P M2 M3 V3
0.35070 0.049677 -0.281237 0.031306
-5.59E-06 0.044775 -0.662187 0.031306
0.51303 0.049677 -0.281237 0.031306
-5.59E-06 0.025937 -0.492963 0.031306
0.67535 0.049677 -0.281237 0.031306
-5.59E-06 0.007100 -0.263739 0.031306
0.83768 0.049677 -0.281237 0.031306
-5.59E-06 -0.011737 -0.154514 0.031306
1.00000 0.049677 -0.281237 0.031306
-5.59E-06 -0.030574 0.014710 0.031306

LOAD -P3 -----

REL DIST T P M2 M3 V3
0.35070 -0.182250 0.843533 -0.122551
1.49E-05 -0.175283 1.976134 -0.122551
0.51303 -0.182250 0.843533 -0.122551
1.49E-05 -0.101542 0.468567 -0.122551
0.67535 -0.182250 0.843533 -0.122551
1.49E-05 -0.027802 0.961001 -0.122551
0.83768 -0.182250 0.843533 -0.122551
1.49E-05 0.045939 0.453434 -0.122551
1.00000 -0.182250 0.843533 -0.122551
1.49E-05 0.119680 -0.054132 -0.122551

LOAD -P4 -----

REL DIST T P M2 M3 V3
0.35070 0.362634 -0.354859 0.367392
1.38E-05 0.525373 -0.821881 0.367392
0.51303 0.362634 -0.354859 0.367392
1.38E-05 0.308257 0.608257 0.367392
0.67535 0.362634 -0.354859 0.367392
1.38E-05 0.083242 -0.394833 0.367392
0.83768 0.362634 -0.354859 0.367392
1.38E-05 0.181309 0.453434 0.367392
1.00000 0.362634 -0.354859 0.367392
1.38E-05 -0.358888 0.032215 0.367392

LOAD -P5 -----

REL DIST T P M2 M3 V3
0.35070 -0.219212 -0.273080 -0.270156
-2.46E-05 -0.386295 -0.646311 -0.270156
0.51303 -0.219212 -0.273080 -0.270156
-2.46E-05 -0.223738 0.481994 -0.270156
0.67535 -0.219212 -0.273080 -0.270156
-2.46E-05 -0.061181 -0.317678 -0.270156
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V3
0.83768 -0.219212 -0.273080 -0.270156
-2.46E-05 0.101577 -0.153361 -0.270156
1.00000 -0.219212 -0.273080 -0.270156
-2.46E-05 0.263934 0.010955 -0.270156

LOAD -2N+1-----

REL DIST T P M2 M3 V3
0.35070 0.416226 -0.653729 0.401171
7.93E-06 0.573685 -1.525561 0.401171
0.51303 0.416226 -0.653729 0.401171
7.93E-06 0.332294 -1.132202 0.401171
0.67535 -0.416226 -0.653729 0.401171
7.93E-06 0.090903 -0.738843 0.401171
0.83768 0.416226 -0.653729 0.401171
7.93E-06 -0.150488 -0.345484 0.401171
1.00000 0.416226 -0.653729 0.401171
7.93E-06 -0.391879 0.047875 0.401171

LOAD -2N+2-----

REL DIST T P M2 M3 V3
0.35070 -0.416226 0.653729 -0.401171
7.93E-06 1.525561 -0.573685 -0.401171
0.51303 -0.416226 0.653729 -0.401171
7.93E-06 -0.332294 1.132202 -0.401171
0.67535 -0.416226 0.653729 -0.401171
7.93E-06 -0.090903 0.738843 -0.401171
0.83768 -0.416226 0.653729 -0.401171
7.93E-06 0.150488 -0.345484 -0.401171
1.00000 -0.416226 0.653729 -0.401171
7.93E-06 0.391879 -0.047875 -0.401171

COMB SETTLE ----- MAX

REL DIST T P M2 M3 V3
0.35070 0.416226 0.843533 0.401171
1.49E-05 0.573685 1.976134 0.401171
0.51303 0.416226 0.843533 0.401171
1.49E-05 0.332294 1.468567 0.401171
0.67535 0.416226 0.843533 0.401171
1.49E-05 0.090903 0.367101 0.401171
0.83768 0.416226 0.843533 0.401171
1.49E-05 0.150488 0.453434 0.401171
1.00000 0.416226 0.843533 0.401171
1.49E-05 0.391879 0.047875 0.401171

COMB SETTLE ----- MIN

REL DIST T P M2 M3 V3
0.35070 -0.416226 -0.653729 -0.401171
-2.46E-05 -0.573685 -1.525561 -0.401171
0.51303 -0.416226 -0.653729 -0.401171
-2.46E-05 -0.332294 -1.132202 -0.401171
0.67535 -0.416226 -0.653729 -0.401171
-2.46E-05 -0.090903 -0.738843 -0.401171
0.83768 -0.416226 -0.653729 -0.401171
-2.46E-05 -0.150488 -0.345484 -0.401171
1.00000 -0.416226 -0.653729 -0.401171
-2.46E-05 -0.391879 -0.047875 -0.401171

ELEM 214 ===== LENGTH
3.706987

LOAD -A1 -----

REL DIST T P M2 M3 V3
0.00000 -0.002302 -0.016119 0.002480
-6.11E-07 0.002422 -0.000950 0.002480
0.16233 -0.002302 -0.016119 0.002480
-6.11E-07 0.000929 -0.016119 0.002480
0.32466 -0.002302 -0.016119 0.002480
-6.11E-07 -0.000563 0.020349 0.002480
0.48698 -0.002302 -0.016119 0.002480
-6.11E-07 0.002056 0.030049 0.002480
0.64931 -0.002302 -0.016119 0.002480
-6.11E-07 -0.003548 0.039748 0.002480
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

LOAD -P1 -----

REL DIST T P M2 M3 V3
0.00000 0.006640 0.076100 -0.008497
2.67E-06 -0.008299 -0.004696 -0.008497
0.16233 0.006640 0.076100 -0.008497
2.67E-06 0.003186 -0.050489 -0.008497
0.32466 0.006640 0.076100 -0.008497
2.67E-06 0.001927 -0.096282 -0.008497
0.48698 0.006640 0.076100 -0.008497
2.67E-06 0.007041 -0.472625 -0.008497
0.64931 0.006640 0.076100 -0.008497
2.67E-06 0.012154 -0.187867 -0.008497

LOAD -P2 -----

REL DIST T P M2 M3 V3
0.00000 -0.029366 -0.256531 0.031418
-9.24E-06 0.030681 0.014703 0.031418
0.16233 -0.029366 -0.256531 0.031418
-9.24E-06 0.011775 -0.105869 0.031418
0.32466 -0.029366 -0.256531 0.031418
-9.24E-06 -0.007131 0.232436 0.031418
0.48698 -0.029366 -0.256531 0.031418
-9.24E-06 -0.026037 0.477802 0.031418
0.64931 -0.029366 -0.256531 0.031418
-9.24E-06 -0.044942 0.632168 0.031418

LOAD -P3 -----

REL DIST T P M2 M3 V3
0.00000 0.126545 0.760308 -0.123141
2.95E-05 -0.120259 -0.054112 -0.123141
0.16233 0.126545 0.760308 -0.123141
2.95E-05 0.046159 -0.511625 -0.123141
0.32466 0.126545 0.760308 -0.123141
2.95E-05 0.027941 -0.999138 -0.123141
0.48698 0.126545 0.760308 -0.123141
2.95E-05 0.102040 -1.426651 -0.123141
0.64931 0.126545 0.760308 -0.123141
2.95E-05 0.176140 -1.884164 -0.123141

LOAD -P4 -----

REL DIST T P M2 M3 V3
0.00000 -0.554961 -0.242469 0.369283
0.16233 -0.554961 -0.242469 0.369283
-3.25E-05 0.138328 0.178125 0.369283
0.32466 -0.554961 -0.242469 0.369283
-3.25E-05 -0.083887 0.242469 0.369283
0.48698 -0.554961 -0.242469 0.369283
-3.25E-05 -0.306101 0.469935 0.369283
0.64931 -0.554961 -0.242469 0.369283
-3.25E-05 -0.528316 0.615840 0.369283

LOAD -P5 -----

REL DIST T P M2 M3 V3
0.00000 0.453444 -0.321289 -0.271543
1.02E-05 0.265087 0.101935 -0.271543
0.16233 0.453444 -0.321289 -0.271543
1.02E-05 -0.101687 0.204270 -0.271543
0.32466 0.453444 -0.321289 -0.271543
1.02E-05 0.061712 0.397805 -0.271543
0.48698 0.453444 -0.321289 -0.271543
1.02E-05 0.225112 0.509040 -0.271543
0.64931 0.453444 -0.321289 -0.271543
1.02E-05 0.388512 0.784275 -0.271543

LOAD -2N+1-----

REL DIST T P M2 M3 V3
0.00000 -0.586629 -0.515119 0.403181
-4.24E-05 0.393645 0.047873 0.403181
0.16233 -0.586629 -0.515119 0.403181
-4.24E-05 0.151032 0.357844 0.403181
0.32466 -0.586629 -0.515119 0.403181
-4.24E-05 0.091580 0.667815 0.403181
0.48698 -0.586629 -0.515119 0.403181
-4.24E-05 0.334193 0.977786 0.403181
0.64931 -0.586629 -0.515119 0.403181
-4.24E-05 0.576806 1.287757 0.403181
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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-----

REL DIST T P M2 M3 V3
0.00000 0.586629 0.515119 -0.403181
4.24E-05 -0.393645 -0.047873 -0.403181
0.16233 0.586629 0.515119 -0.403181
4.24E-05 -0.151032 -0.357844 -0.403181
0.32466 0.586629 0.515119 -0.403181
4.24E-05 -0.091580 -0.667815 -0.403181
0.48698 0.586629 0.515119 -0.403181
4.24E-05 -0.334193 -0.977786 -0.403181
0.64931 0.586629 0.515119 -0.403181
4.24E-05 -0.576806 -1.287757 -0.403181

4.24E-05 0.334193 -0.977786 -0.403181
0.64931 0.586629 0.515119 -0.403181
4.24E-05 0.576806 -1.287757 -0.403181

COMB SETTLE ----- MAX

REL DIST T P M2 M3 V3
0.00000 0.586629 0.760308 0.403181
4.24E-05 0.393645 0.047873 0.403181
0.16233 0.586629 0.760308 0.403181
4.24E-05 0.151032 0.357844 0.403181
0.32466 0.586629 0.760308 0.403181
4.24E-05 0.091580 0.667815 0.403181
0.48698 0.586629 0.760308 0.403181
4.24E-05 0.334193 0.977786 0.403181
0.64931 0.586629 0.760308 0.403181
4.24E-05 0.576806 1.287757 0.403181

COMB SETTLE ----- MIN

REL DIST T P M2 M3 V3
0.00000 -0.586629 -0.515119 -0.403181
-4.24E-05 -0.393645 -0.047873 -0.403181
0.16233 -0.586629 -0.515119 -0.403181
-4.24E-05 -0.151032 -0.357844 -0.403181
0.32466 -0.586629 -0.515119 -0.403181
-4.24E-05 -0.091580 -0.667815 -0.403181
0.48698 -0.586629 -0.515119 -0.403181
-4.24E-05 -0.334193 -0.977786 -0.403181
0.64931 -0.586629 -0.515119 -0.403181
-4.24E-05 -0.576806 -1.287757 -0.403181

ELEM 215 ===== LENGTH
4.527764

LOAD -A1 -----

REL DIST T P M2 M3 V3
0.00000 0.001850 0.079773 -0.137040
-1.12E-05 -0.325052 0.019567 -0.137040
0.25000 0.001850 0.079773 -0.137040
-1.12E-05 0.169930 -0.070731 -0.137040
0.50000 0.001850 0.079773 -0.137040
-1.12E-05 -0.014809 -0.161029 -0.137040
0.75000 0.001850 0.079773 -0.137040
-1.12E-05 0.140312 -0.251328 -0.137040
1.00000 0.001850 0.079773 -0.137040
-1.12E-05 0.295434 -0.341626 -0.137040

LOAD -P1 -----

REL DIST T P M2 M3 V3
0.00000 -0.002358 -0.161219 0.172128
-3.82E-06 0.001853 0.024600 0.172128
0.25000 -0.002358 -0.161219 0.172128
-3.82E-06 0.123814 0.157991 0.172128
0.50000 -0.002358 -0.161219 0.172128
-3.82E-06 0.001850 0.024600 0.172128
0.75000 -0.002358 -0.161219 0.172128
-3.82E-06 -0.175864 0.522872 0.172128
1.00000 -0.002358 -0.161219 0.172128
-3.82E-06 -0.370703 0.703563 0.172128

LOAD -P2 -----

REL DIST T P M2 M3 V3
0.00000 0.000564 0.105510 -0.046107
2.06E-05 0.009845 0.006612 -0.046107
0.25000 0.000564 0.105510 -0.046107
2.06E-05 -0.057655 -0.112819 -0.046107
0.50000 0.000564 0.105510 -0.046107
2.06E-05 0.005464 0.232250 -0.046107
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REL DIST T P M2 M3 V3
0.75000 0.000564 0.105510 -0.046107
2.06E-05 0.046726 -0.351681 -0.046107
1.00000 0.000564 0.105510 -0.046107
2.06E-05 0.098917 -0.471112 -0.046107

LOAD -P3 -----

REL DIST T P M2 M3 V3
0.00000 -7.21E-05 -0.031011 0.013625
-7.71E-06 0.032458 -0.001954 0.013625
0.25000 -7.21E-05 -0.031011 0.013625
-7.71E-06 0.017035 0.033149 0.013625
0.50000 -7.21E-05 -0.031011 0.013625
-7.71E-06 0.001613 0.068252 0.013625
0.75000 -7.21E-05 -0.031011 0.013625
-7.71E-06 -0.013809 0.103354 0.013625
1.00000 -7.21E-05 -0.031011 0.013625
-7.71E-06 -0.029232 0.138457 0.0

-0.003131 -0.120002 0.128974 REL DIST T P M2 V2 V3										LOAD -2N+2- ---- MAX										REL DIST T P M2 V2 V3									
6.41E-06 -0.00221 1.108951 0.00000 -0.004516 -0.149131 0.128982										0.00000 -0.004516 -0.149131 0.128982										0.00000 -0.006339 -0.149823 0.094035									
0.75000 -0.003131 -0.120002 0.128974										0.25000 -0.004516 -0.149131 0.128982										0.25000 -0.006339 -0.149823 0.094035									
6.41E-06 -0.162455 -0.259900 0.00000 -0.003131 -0.120002 0.128974										0.25000 -0.004516 -0.149131 0.128982										0.25000 -0.006339 -0.149823 0.094035									
-6.41E-06 -0.324689 1.410849										0.00000 -0.004516 -0.149131 0.128982										0.25000 -0.006339 -0.149823 0.094035									
COMB SETTLE ---- MAX										COMB SETTLE ---- MAX										COMB SETTLE ---- MAX									
REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3									
0.00000 0.003131 -0.120002 0.128974										0.00000 0.004516 -0.149131 0.128982										0.00000 0.006339 -0.149823 0.094035									
1.39E-05 0.324247 0.801303 0.25000 0.003131 -0.120002 0.128974										0.25000 0.004516 -0.149131 0.128982										0.25000 0.006339 -0.149823 0.094035									
0.50000 0.003131 -0.120002 0.128974										0.25000 0.004516 -0.149131 0.128982										0.25000 0.006339 -0.149823 0.094035									
0.30E-05 0.001152 1.108951 0.75000 0.003131 -0.120002 0.128974										0.25000 0.004516 -0.149131 0.128982										0.25000 0.006339 -0.149823 0.094035									
0.75000 0.003131 -0.120002 0.128974										0.25000 0.004516 -0.149131 0.128982										0.25000 0.006339 -0.149823 0.094035									
1.39E-05 0.162455 1.259900 0.00000 0.003131 -0.120002 0.128974										0.25000 0.004516 -0.149131 0.128982										0.25000 0.006339 -0.149823 0.094035									
1.00000 0.003131 -0.120002 0.128974										0.25000 0.004516 -0.149131 0.128982										0.25000 0.006339 -0.149823 0.094035									
1.39E-05 0.324689 1.410849										0.25000 0.004516 -0.149131 0.128982										0.25000 0.006339 -0.149823 0.094035									
COMB SETTLE ---- MIN										COMB SETTLE ---- MIN										COMB SETTLE ---- MIN									
REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3									
0.00000 -0.003131 -0.120002 -0.128974										0.00000 -0.004516 -0.149131 -0.128982										0.00000 -0.006339 -0.149823 -0.094035									
0.25000 -0.003131 -0.120002 -0.128974										0.25000 -0.004516 -0.149131 -0.128982										0.25000 -0.006339 -0.149823 -0.094035									
-6.91E-06 -0.162013 -0.958002 0.50000 -0.003131 -0.120002 -0.128974										0.25000 -0.004516 -0.149131 -0.128982										0.25000 -0.006339 -0.149823 -0.094035									
0.75000 -0.003131 -0.120002 -0.128974										0.25000 -0.004516 -0.149131 -0.128982										0.25000 -0.006339 -0.149823 -0.094035									
-6.91E-06 -0.162455 -1.259900 -0.128974										0.25000 -0.004516 -0.149131 -0.128982										0.25000 -0.006339 -0.149823 -0.094035									
1.00000 -0.003131 -0.120002 -0.128974										0.25000 -0.004516 -0.149131 -0.128982										0.25000 -0.006339 -0.149823 -0.094035									
Program SAP2000 Nonlinear Version 7.42										Program SAP2000 Nonlinear Version 7.42										Program SAP2000 Nonlinear Version 7.42									
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< UNEQUAL Page SETTLEMENT 423 >										< UNEQUAL Page SETTLEMENT 423 >										< UNEQUAL Page SETTLEMENT 423 >									
F R A M E E L E M E N T I N T E R N A L F O R C E S										F R A M E E L E M E N T I N T E R N A L F O R C E S										F R A M E E L E M E N T I N T E R N A L F O R C E S									
ELEM 217 ===== LENGTH = 5.030739										ELEM 218 ===== LENGTH = 5.030826										ELEM 219 ===== LENGTH = 5.030622									
LOAD -A1										LOAD -A1										LOAD -A1									
REL DIST T P M2 M3 V3										REL DIST T P M2 M3 V3										REL DIST T P M2 M3 V3									
0.00000 -0.003024 0.061306 -0.095821										0.00000 0.003419 0.062414 -0.090738										0.00000 0.003785 0.061583 -0.084154									
8.58E-06 0.242914 0.950862 0.25000 -0.003419 0.062414 -0.090738										0.25000 0.003419 0.062414 -0.090738										0.25000 0.003785 0.061583 -0.084154									
2.58E-06 0.140644 1.288556 0.50000 -0.003419 0.062414 -0.090738										0.25000 0.003419 0.062414 -0.090738										0.25000 0.003785 0.061583 -0.084154									
-6.58E-06 -0.122401 -0.607966 0.75000 -0.003419 0.062414 -0.090738										0.25000 0.003419 0.062414 -0.090738										0.25000 0.003785 0.061583 -0.084154									
0.50000 0.003024 0.061306 -0.095821										0.25000 0.003419 0.062414 -0.090738										0.25000 0.003785 0.061583									

-2.59E-05 0.082088 -3.888138 -0.072918
1.00000 0.007021 0.089972
-2.59E-05 0.173795 -4.001294

LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -0.007021 -0.089972 0.072918
2.59E-05 0.193034 -3.548672
0.25000 -0.007021 -0.089972 0.072918
2.59E-05 0.101327 3.661828
0.50000 -0.007021 -0.089972 0.072918
2.59E-05 0.009619 3.774983
0.75000 -0.007021 -0.089972 0.072918
2.59E-05 -0.082088 3.888138
1.00000 -0.007021 -0.089972 0.072918
2.59E-05 -0.173795 4.001294

COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 0.007021 0.089972 0.073676
2.59E-05 0.193266 3.548672
0.25000 0.007021 0.089972 0.073676
2.59E-05 0.101327 3.661828
0.50000 0.007021 0.089972 0.073676
2.59E-05 0.009619 3.774983
0.75000 0.007021 0.089972 0.073676
2.59E-05 0.091771 3.888138
1.00000 0.007021 0.089972 0.073676
2.59E-05 0.187272 4.001294

COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.007021 -0.089972 -0.075934
-2.59E-05 -0.194732 -3.548672
0.25000 -0.007021 -0.089972 -0.075934
-2.59E-05 -0.101327 -3.661828
0.50000 -0.007021 -0.089972 -0.075934
-2.59E-05 -0.009619 -3.774983
0.75000 -0.007021 -0.089972 -0.075934
-2.59E-05 -0.091771 -3.888138
1.00000 -0.007021 -0.089972 -0.075934
-2.59E-05 -0.177375 -4.001294

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FRAME ELEMENT INTERNAL FORCES
ELEM 221 ----- LENGTH
5.031189
LOAD -A1-----
REL DIST P M2 V2 V3
0.00000 0.004221 0.051220 -0.066347
-2.06E-05 -0.171193 -1.554253
0.25000 0.004221 0.051220 -0.066347
-2.06E-05 -0.087742 -1.618677
0.50000 0.004221 0.051220 -0.066347
-2.06E-05 -0.042291 -1.683101
0.75000 0.004221 0.051220 -0.066347
-2.06E-05 0.079160 1.747524
1.00000 0.004221 0.051220 -0.066347
-2.06E-05 0.162611 -1.811948

LOAD -P1-----
REL DIST P M2 V2 V3
0.00000 -0.007176 -0.102754 0.053325
3.26E-05 0.143237 3.258995
0.25000 -0.007176 -0.102754 0.053325
3.26E-05 0.076165 3.419139
0.50000 -0.007176 -0.102754 0.053325
3.26E-05 0.009092 3.548383
0.75000 -0.007176 -0.102754 0.053325
3.26E-05 -0.057980 3.677626
1.00000 -0.007176 -0.102754 0.053325
3.26E-05 -0.125053 3.806870

LOAD -P2-----
REL DIST P M2 V2 V3
0.00000 0.003178 0.066736 0.016220
-1.43E-05 0.034595 2.247959
0.25000 0.003178 0.066736 0.016220
-1.43E-05 0.014190 -2.331340
0.50000 0.003178 0.066736 0.016220
-1.43E-05 0.015221 -2.415221
0.75000 0.003178 0.066736 0.016220
-1.43E-05 -0.026614 -2.499221
1.00000 0.003178 0.066736 0.016220
-1.43E-05 -0.047016 -2.583162

LOAD -P3-----
REL DIST P M2 V2 V3
0.00000 -0.000403 -0.019590 -0.004477
2.94E-06 -0.009446 0.660358
0.25000 -0.000403 -0.019590 -0.004477
2.94E-06 -0.003814 0.684998
0.50000 -0.000403 -0.019590 -0.004477
2.94E-06 0.001817 0.709638
0.75000 -0.000403 -0.019590 -0.004477
2.94E-06 0.007449 0.734277
1.00000 -0.000403 -0.019590 -0.004477
2.94E-06 0.013081 0.758917

LOAD -P4-----
REL DIST P M2 V2 V3
0.00000 0.000170 0.005336 0.001761
-7.45E-07 0.003935 -0.181208
0.25000 0.000170 0.005336 0.001761
-7.45E-07 0.001720 -0.187920
0.50000 0.000170 0.005336 0.001761
-7.45E-07 -0.000495 -0.194632
0.75000 0.000170 0.005336 0.001761
-7.45E-07 0.002710 -0.201343
1.00000 0.000170 0.005336 0.001761
-7.45E-07 -0.004925 -0.208055

LOAD -P5-----
REL DIST P M2 V2 V3
0.00000 1.03E-05 -0.000949 -0.000482
1.12E-07 -0.001125 0.032606
0.25000 1.03E-05 -0.000949 -0.000482
1.12E-07 -0.000018 0.033799
0.50000 1.03E-05 -0.000949 -0.000482
1.12E-07 8.85E-05 0.034992

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FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 V2 V3
0.75000 1.03E-05 -0.000949 -0.000482
1.12E-07 0.036185 0.036185
1.00000 1.03E-05 -0.000949 -0.000482
1.12E-07 0.001302 0.037379

LOAD -2N+1-----
REL DIST P M2 V2 V3
0.00000 0.007569 0.123292 -0.048366

-3.57E-05 -0.132667 -3.982860
0.25000 0.007569 0.123292 -0.048366
-3.57E-05 -0.071832 -4.137936
0.50000 0.007569 0.123292 -0.048366
-3.57E-05 -0.010998 -4.293013
0.75000 0.007569 0.123292 -0.048366
-3.57E-05 0.048936 -4.448089
1.00000 0.007569 0.123292 -0.048366
-3.57E-05 0.110670 4.603166

LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -0.007569 -0.123292 0.048366
3.57E-05 0.132667 3.982860 0.048366
0.25000 -0.007569 -0.123292 0.048366
3.57E-05 0.071832 4.137936 0.048366
0.50000 -0.007569 -0.123292 0.048366
3.57E-05 0.010998 4.293013 0.048366
0.75000 -0.007569 -0.123292 0.048366
3.57E-05 0.048936 4.448089 0.048366
1.00000 -0.007569 -0.123292 0.048366
3.57E-05 -0.110670 4.603166

COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 0.007569 0.123292 0.053325
3.57E-05 0.143237 3.982860 0.053325
0.25000 0.007569 0.123292 0.053325
3.57E-05 0.071832 4.137936 0.053325
0.50000 0.007569 0.123292 0.053325
3.57E-05 0.010998 4.293013 0.053325
0.75000 0.007569 0.123292 0.053325
3.57E-05 0.048936 4.448089 0.053325
1.00000 0.007569 0.123292 0.053325
3.57E-05 0.126211 4.603166

COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.007569 -0.123292 -0.066347
-3.57E-05 -0.171193 -3.982860 -0.066347
0.25000 -0.007569 -0.123292 -0.066347
-3.57E-05 -0.087742 -4.137936 -0.066347
0.50000 -0.007569 -0.123292 -0.066347
-3.57E-05 -0.010998 -4.293013 -0.066347
0.75000 -0.007569 -0.123292 -0.066347
-3.57E-05 -0.057980 -4.448089 -0.066347
1.00000 -0.007569 -0.123292 -0.066347
-3.57E-05 -0.125053 -4.603166

ELEM 222 ----- LENGTH
5.030986
LOAD -A1-----
REL DIST P M2 V2 V3
0.00000 0.005248 -0.001083 -0.055881
-2.08E-05 -0.145017 -1.793458
0.25000 0.005248 -0.001083 -0.055881
-2.08E-05 -0.074733 -1.920255
0.50000 0.005248 -0.001083 -0.055881
-2.08E-05 -0.044418 -1.790733
0.75000 0.005248 -0.001083 -0.055881
-2.08E-05 0.065636 -1.789370
1.00000 0.005248 -0.001083 -0.055881
-2.08E-05 0.136120 -1.788007

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FRAME ELEMENT INTERNAL FORCES
LOAD -P1-----
REL DIST P M2 V2 V3
0.00000 -0.008747 0.007428 0.030757
3.39E-05 0.087111 3.794117
0.25000 -0.008747 0.007428 0.030757
3.39E-05 0.048426 3.784774
0.50000 -0.008747 0.007428 0.030757
3.39E-05 0.009741 3.775432
0.75000 -0.008747 0.007428 0.030757
3.39E-05 0.028943 3.660900
1.00000 -0.008747 0.007428 0.030757
3.39E-05 -0.067628 3.756748

LOAD -P2-----
REL DIST P M2 V2 V3
0.00000 0.003620 -0.008100 0.031838
-1.64E-05 0.073243 2.590390
0.25000 0.003620 -0.008100 0.031838
-1.64E-05 0.033199 2.590392
0.50000 0.003620 -0.008100 0.031838
-1.64E-05 -0.006845 -2.570015
0.75000 0.003620 -0.008100 0.031838
-1.64E-05 -0.046889 2.590392
1.00000 0.003620 -0.008100 0.031838
-1.64E-05 -0.066933 2.549639

LOAD -P3-----
REL DIST P M2 V2 V3
0.00000 -0.000281 0.002270 -0.008985
4.35E-06 -0.020601 0.760942
0.25000 -0.000281 0.002270 -0.008985
4.35E-06 0.009300 0.758087
0.50000 -0.000281 0.002270 -0.008985
4.35E-06 0.002000 0.755232
0.75000 -0.000281 0.002270 -0.008985
4.35E-06 0.013301 0.752377
1.00000 -0.000281 0.002270 -0.008985
4.35E-06 0.024601 0.749522

LOAD -P4-----
REL DIST P M2 V2 V3
0.00000 0.000130 0.000636 0.002964
-1.16E-06 0.006111 -0.208767
0.25000 0.000130 0.000636 0.002964
-1.16E-06 0.003182 -0.207967
0.50000 0.000130 0.000636 0.002964
-1.16E-06 0.000130 0.000636 0.002964
0.75000 0.000130 0.000636 0.002964
-1.16E-06 0.004275 -0.206367
1.00000 0.000130 0.000636 0.002964
-1.16E-06 0.006804 -0.205358

LOAD -P5-----
REL DIST P M2 V2 V3
0.00000 3.04E-05 0.000121 -0.000693
1.98E-07 0.001646 0.001216
0.25000 3.04E-05 0.000121 -0.000693
1.98E-07 -0.000774 0.037403
0.50000 3.04E-05 0.000121 -0.000693
1.98E-07 9.82E-05 0.037403
0.75000 3.04E-05 0.000121 -0.000693
1.98E-07 0.000970 0.037098
1.00000 3.04E-05 0.000121 -0.000693
1.98E-07 0.001843 0.036945

LOAD -2N+1-----
REL DIST P M2 V2 V3
0.00000 0.008998 -0.009819 -0.021079
-3.84E-05 -0.064863 4.592615
0.25000 0.008998 -0.009819 -0.021079
-3.84E-05 -0.038352 4.580264
0.50000 0.008998 -0.009819 -0.021079
-3.84E-05 -0.011840 4.567914
0.75000 0.008998 -0.009819 -0.021079

-3.84E-05 0.014672 -4.555564
1.00000 0.008998 -0.009819 -0.021079
0.75000 0.014184 -4.543214
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< UNEQUAL Page SETTLEMENT 433 >
FRAME ELEMENT INTERNAL FORCES
LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -0.008998 0.009819 0.021079
3.84E-05 0.064863 4.592615
0.25000 -0.008998 0.009819 0.021079
3.84E-05 0.038352 4.580264
0.50000 -0.008998 0.009819 0.021079
3.84E-05 0.011840 4.567914
0.75000 -0.008998 0.009819 0.021079
3.84E-05 -0.014672 4.555564
1.00000 -0.008998 0.009819 0.021079
3.84E-05 -0.041184 4.543214

COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 0.008998 0.009819 0.031838
3.84E-05 0.087111 3.92615
0.25000 0.008998 0.009819 0.031838
3.84E-05 0.048426 4.580264
0.50000 0.008998 0.009819 0.031838
3.84E-05 0.011840 4.567914
0.75000 0.008998 0.009819 0.031838
3.84E-05 0.065836 4.555564
1.00000 0.008998 0.009819 0.031838
3.84E-05 0.136120 4.543214

COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.008998 -0.009819 -0.055881
-3.84E-05 -0.145017 -4.592615
0.25000 -0.008998 -0.009819 -0.055881
-3.84E-05 -0.074733 -4.580264
0.50000 -0.008998 -0.009819 -0.055881
-3.84E-05 0.011840 4.567914
0.75000 -0.008998 -0.009819 -0.055881
-3.84E-05 -0.046889 -4.555564
1.00000 -0.008998 -0.009819 -0.055881
-3.84E-05 -0.086933 -4.543214

ELEM 223 ----- LENGTH
5.030731
LOAD -A1-----
REL DIST P M2 V2 V3
0.00000 0.006048 -0.018275 -0.043332
-1.33E-05 -0.114997 -1.772913
0.25000 0.006048 -0.018275 -0.043332
-1.33E-05 -0.060499 -1.749928
0.50000 0.006048 -0.018275 -0.043332
-1.33E-05 -0.006001 -1.726944
0.75000 0.006048 -0.018275 -0.043332
-1.33E-05 0.045498 1.730960
1.00000 0.006048 -0.018275 -0.043332
-1.33E-05 0.102996 -1.680976

LOAD -P1-----
REL DIST P M2 V2 V3
0.00000 -0.010178 0.043733 0.007879
1.92E-05 0.029066 3.750934
0.25000 -0.010178 0.043733 0.007879
1.92E-05 0.019157 3.695931
0.50000 0.010178 0.043733 0.007879
1.92E-05 0.009247 3.640928
0.75000 -0.010178 0.043733 0.007879
1.92E-05 -0.000662 3.585926
1.00000 -0.010178 0.043733 0.007879
1.92E-05 -0.010571 3.530923

LOAD -P2-----
REL DIST P M2 V2 V3
0.00000 0.004108 -0.033120 0.045197
-1.02E-05 0.010522 2.514422
0.25000 0.004108 -0.033120 0.045197
-1.02E-05 0.052609 -2.519788
0.50000 0.004108 -0.033120 0.045197
-1.02E-05 -0.042334 -2.781474

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< UNEQUAL Page SETTLEMENT 434 >
FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 V2 V3
0.75000 0.004108 -0.033120 0.045197
-1.02E-05 -0.061077 -2.436479
1.00000 0.004108 -0.033120 0.045197
-1.02E-05 -0.117920 -2.394825

LOAD -P3-----
REL DIST P M2 V2 V3
0.00000 -0.000108 0.000964 -0.012849
5.55E-06 -0.031061 0.752867
0.25000 -0.000108 0.000964 -0.012849
5.55E-06 -0.014901 0.740336
0.50000 -0.000108 0.000964 -0.012849
5.55E-06 0.001259 0.727804
0.75000 -0.000108 0.000964 -0.012849
5.55E-06 0.017420 0.715272
1.00000 -0.000108 0.000964 -0.012849
5.55E-06 0.033580 0.702740

LOAD -P4-----
REL DIST P M2 V2 V3
0.00000 7.48E-05 -0.002833 0.003966
-1.81E-06 0.009653 -0.206629
0.25000 7.48E-05 -0.002833 0.003966
-1.81E-06 0.004665 -0.203086
0.50000 7.48E-05 -0.002833 0.003966
-1.81E-06 0.000323 -0.199504
0.75000 7.48E-05 -0.002833 0.003966
-1.81E-06 -0.005312 -0.195942
1.00000 7.48E-05 -0.002833 0.003966
-1.81E-06 -0.010300 -0.192379

LOAD -P5-----
REL DIST P M2 V2 V3
0.00000 5.53E-05 0.000530 -0.000860
3.28E-07 -0.002113 0.037183
0.25000 5.53E-05 0.000530 -0.000860
3.28E-07 0.010131 0.036116
0.50000 5.53E-05 0.000530 -0.000860
3.28E-07 5.14E-05 0.035850
0.75000 5.53E-05 0.000530 -0.000860
3.28E-07 0.001193 0.035833
1.00000 5.53E-05 0.000530 -0.000860
3.28E-07 0.002216 0.034516

LOAD -2N+1-----
REL DIST P M2 V2 V3
0.00000 0.010230 -0.054228 0.005831

-2.50E-05 0.004108 -4.540984
0.25000 0.010230 -0.054228 0.005831
-2.50E-05 -0.010230 0.054228 0.005831
0.50000 0.010230 -0.054228 0.005831
-2.50E-05 -0.010558 4.404582
0.75000 0.010230 -0.054228 0.005831
-2.50E-05 -0.011891 4.530381
1.00000 0.010230 -0.054228 0.005831
-2.50E-05 -0.025224 4.268180

LOAD -2N+2-----
REL DIST P M2 V2 V3
0.00000 -0.010230 0.054228 -0.005831
2.50E-05 -0.004108 4.540984
0.25000 -0.010230 0.054228 -0.005831
2.50E-05 0.003225 4.472783
0.50000 -0.010230 0.054228 -0.005831
2.50E-05 0.010558 4.404582
0.75000 -0.010230 0.054228 -0.005831
2.50E-05 0.017891 4.336381
1.00000 -0.010230 0.054228 -0.005831
2.50E-05 0.025224 4.268180

COMB SETTLE ----- MAX
REL DIST P M2 V2 V3
0.00000 0.010230 0.054228 0.045197
2.50E-05 0.103452 4.540984
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< UNEQUAL Page SETTLEMENT 435 >
FRAME ELEMENT INTERNAL FORCES
REL DIST P M2 V2 V3
0.25000 0.010230 0.054228 0.045197
2.50E-05 0.052609 4.472783
0.50000 0.010230 0.054228 0.045197
2.50E-05 0.010558 4.404582
0.75000 0.010230 0.054228 0.045197
2.50E-05 0.048498 4.336381
1.00000 0.010230 0.054228 0.045197
2.50E-05 0.102996 4.268180

COMB SETTLE ----- MIN
REL DIST P M2 V2 V3
0.00000 -0.010230 -0.054228 -0.043332
-2.50E-05 -0.114997 -1.772913
0.25000 -0.010230 -0.054228 -0.043332
-2.50E-05 -0.060499 -1.747283
0.50000 -0.010230 -0.054228 -0.043332
-2.50E-05 -0.010558 4.404582
0.75000 -0.010230 -0.054228 -0.043332
-2.50E-05 -0.061077 -4.336381
1.00000 -0.010230 -0.054228 -0.043332
-2.50E-05 -0.117920 -4.268180

ELEM 224 ----- LENGTH
3.521230
LOAD -A1-----
REL DIST P M2 V2 V3
0.00000 0.005994 0.039175 -0.066835
1.37E-06 -0.121568 -1.667456
0.25000 0.005994 0.039175 -0.066835
1.37E-06 -0.062732 -1.701942
0.50000 0.005994 0.039175 -0.066835
1.37E-06 -0.003897 -1.736428
0.75000 0

[illegible]

REL DIST	P	M2	M3	V3	0.50000	0.000210	0.004656	-0.000800	REL DIST	P	M2	M3	V3	1.28E-06	0.004069	0.588455	-0.002070	
0.00000	0.0001290	0.004821	0.0001096		4.35E-07	-0.000164	-0.065491		0.00000	0.000240	0.004665	-0.000368		1.00000	0.000285	-0.007779		
5.21E-07	-0.002861	-0.029908	-0.001096		Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1504.OUT		2.82E-07	-0.001150	-0.077022	-0.000368		1.28E-06	-0.006672	0.596240		
0.25000	0.000178	0.004803	-0.001096		<	UNEQUAL	Page SETTLEMENT 445	>	0.25000	0.000240	0.004665	-0.000368		LOAD	-P5			
5.21E-07	-0.001483	0.003598	-0.001096		FRAME ELEMENT INTERNAL FORCES				2.82E-07	-0.000687	-0.082889	-0.000368		REL DIST	P	M2	M3	V3
0.50000	0.000178	0.004803	-0.001096						0.50000	0.000240	0.004665	-0.000368		0.00000	0.000256	0.001410	0.000174	
5.21E-07	-0.000105	-0.041989	-0.001096						2.82E-07	-0.000224	-0.088756	-0.000368		3.18E-08	0.000178	-0.100459		
0.75000	0.000178	0.004803	-0.001096						0.75000	0.000240	0.004665	-0.000368		0.005000	0.000250	0.000500	0.000174	
5.21E-07	-0.001274	0.048030	-0.001096						2.82E-07	0.000239	-0.094622	-0.000368		3.18E-08	-0.000261	-0.104007		
1.00000	0.000178	0.004803	-0.001096						1.00000	0.000240	0.004665	-0.000368		0.75000	0.000250	0.000500	0.000174	
5.21E-07	0.002652	-0.054071	-0.001096						2.82E-07	0.000702	-0.100489	-0.000368		3.18E-08	-0.000479	-0.105781		
LOAD	-2N+1				REL DIST	P	M2	M3	V3	LOAD	-2N+1			1.00000	0.000256	0.001410	0.000174	
REL DIST	P	M2	M3	V3	0.75000	0.000210	0.004656	-0.000800	REL DIST	P	M2	M3	V3	3.18E-08	-0.000698	-0.107554		
0.00000	0.001290	-0.287421	0.101118		4.35E-07	0.000842	-0.071347		1.24E-05	-0.246616	-0.286734	0.096157		LOAD	-2N+1			
1.09E-05	0.251862	-1.693995	-0.101118		1.00000	0.000210	0.004656	-0.000800	0.25000	0.000885	-0.286734	0.096157		REL DIST	P	M2	M3	V3
0.25000	0.001290	-0.287421	0.101118		LOAD	-2N+1			1.24E-05	-0.125689	-0.286734	0.096157		0.00000	-0.002624	-0.180651	0.081428	
1.09E-05	0.124674	-1.332472	-0.101118		REL DIST	P	M2	M3	V3	0.50000	-0.000885	-0.286734	0.096157		1.91E-05	-0.212569	-2.531200	0.081428
0.50000	0.001290	-0.287421	0.101118		0.00000	0.000415	-0.283282	0.102974	1.24E-05	-0.000885	-0.286734	0.096157		0.25000	-0.002624	-0.180651	0.081428	
1.09E-05	-0.002514	-0.370949	-0.101118		9.31E-06	0.260169	-0.278984	0.102974	0.50000	0.000885	-0.286734	0.096157		1.91E-05	-0.212569	-2.531200	0.081428	
0.75000	0.001290	-0.287421	0.101118		0.25000	0.000415	-0.283282	0.102974	1.24E-05	-0.116164	-0.286734	0.096157		0.50000	-0.002624	-0.180651	0.081428	
1.09E-05	-0.129702	-0.609427	-0.101118		9.31E-06	0.130661	-0.172966	0.102974	0.00000	-0.000885	-0.286734	0.096157		1.91E-05	-0.007727	-2.985650	0.081428	
1.00000	0.001290	-0.287421	0.101118		0.50000	0.000415	-0.283282	0.102974	1.24E-05	-0.000885	-0.286734	0.096157		0.75000	-0.002624	-0.180651	0.081428	
1.09E-05	-0.256889	-0.247904	-0.101118		9.31E-06	0.001152	-0.433575	0.102974	0.00000	-0.000885	-0.286734	0.096157		1.91E-05	-0.002624	-0.180651	0.081428	
LOAD	-2N+2				0.75000	0.000415	-0.283282	0.102974	1.24E-05	-0.116164	-0.286734	0.096157		1.00000	-0.002624	-0.180651	0.081428	
REL DIST	P	M2	M3	V3	1.00000	0.000415	-0.283282	0.102974	0.00000	-0.000885	-0.286734	0.096157		3.440100				
0.00000	-0.001290	0.287421	-0.101118		9.31E-06	-0.257866	-1.146135	0.102974	<	UNEQUAL	Page SETTLEMENT 447	>	LOAD	-2N+2				
1.09E-05	-0.251862	-1.693995	-0.101118		LOAD	-2N+2			FRAME ELEMENT INTERNAL FORCES				REL DIST	P	M2	M3	V3	
0.25000	-0.001290	0.287421	-0.101118		REL DIST	P	M2	M3	V3	LOAD	-2N+2			0.00000	0.002624	0.180651	-0.081428	
1.09E-05	-0.124674	-1.332472	-0.101118		0.00000	-0.000415	0.283282	-0.102974	REL DIST	P	M2	M3	V3	-1.91E-05	-0.212569	-2.531200	-0.081428	
0.50000	-0.001290	0.287421	-0.101118		-9.31E-06	-0.260169	0.278984	-0.102974	0.00000	0.000885	-0.286734	-0.096157		0.25000	-0.002624	-0.180651	-0.081428	
1.09E-05	-0.002514	-0.370949	-0.101118		0.25000	-0.000415	0.283282	-0.102974	1.24E-05	-0.125689	-0.286734	-0.096157		0.50000	-0.002624	-0.180651	-0.081428	
0.75000	-0.001290	0.287421	-0.101118		-9.31E-06	-0.001152	-0.433575	-0.102974	0.50000	0.000885	-0.286734	-0.096157		1.91E-05	-0.007727	-2.985650	-0.081428	
1.09E-05	-0.129702	-0.609427	-0.101118		0.75000	-0.000415	0.283282	-0.102974	1.24E-05	-0.116164	-0.286734	-0.096157		0.75000	-0.002624	-0.180651	-0.081428	
1.00000	-0.001290	0.287421	-0.101118		9.31E-06	-0.257866	-1.146135	-0.102974	0.00000	-0.000885	-0.286734	-0.096157		1.00000	-0.002624	-0.180651	-0.081428	
1.09E-05	0.256889	0.247904	-0.101118		9.31E-06	0.001152	-0.433575	-0.102974	1.24E-05	-0.116164	-0.286734	-0.096157		3.440100				
COMB SETTLE				MAX	COMB SETTLE			MAX	REL DIST	P	M2	M3	V3	2.13E-05	0.022646	0.180651	0.081428	
REL DIST	P	M2	M3	V3	0.00000	0.003126	0.283282	0.102974	REL DIST	P	M2	M3	V3	0.00000	0.002646	0.180651	0.081428	
0.00000	0.003458	0.287421	0.101118		1.03E-05	0.260169	0.242468	0.102974	0.00000	0.002736	0.286734	0.096157		Program	SAP2000 Nonlinear Version 7.42			
1.09E-05	0.251862	2.331482	0.101118		0.25000	0.003126	0.283282	0.102974	1.48E-05	0.246616	0.286734	0.096157		File:상행S11-S1504.OUT				
0.25000	0.003458	0.287421	0.101118		1.03E-05	0.130661	1.192605	0.102974	0.25000	0.002736	0.286734	0.096157		<	UNEQUAL	Page SETTLEMENT 449	>	
1.09E-05	0.124674	2.098171	0.101118		0.50000	0.003126	0.283282	0.102974	1.48E-05	0.004975	0.286734	0.096157		FRAME ELEMENT INTERNAL FORCES				
0.50000	0.003458	0.287421	0.101118		0.75000	0.002557	0.101562	0.102974	0.50000	0.002736	0.286734	0.096157		REL DIST	P	M2	M3	V3
1.09E-05	0.004789	1.864859	0.101118		1.03E-05	0.003126	0.283282	0.102974	0.00000	-0.000415	0.283282	-0.102974		0.25000	0.002646	0.180651	0.081428	
0.25000	0.003458	0.287421	0.101118		0.50000	0.003126	0.283282	0.102974	1.48E-05	0.118647	0.286734	0.096157		2.13E-05	0.007727	2.985650	0.081428	
1.09E-05	0.129702	0.631548	0.101118		0.75000	0.002557	0.101562	0.102974	0.50000	-0.000415	0.283282	-0.102974		0.75000	-0.002646	-0.180651	0.081428	
1.00000	0.003458	0.287421	0.101118		1.03E-05	0.128357	1.255356	0.102974	1.48E-05	0.004975	0.286734	0.096157		1.00000	-0.002646	-0.180651	0.081428	
1.09E-05	0.256889	1.398236	-0.101118		1.03E-05	0.257866	1.495091	0.102974	0.00000	-0.000415	0.283282	-0.102974		2.13E-05	0.229083	3.440100		
COMB SETTLE				MIN	COMB SETTLE			MIN	REL DIST	P	M2	M3	V3	COMB SETTLE			MIN	
REL DIST	P	M2	M3	V3	0.00000	-0.002843	-0.283282	-0.102974	REL DIST	P	M2	M3	V3	0.00000	-0.004586	-0.180651	-0.091886	
0.00000	-0.003425	-0.287421	-0.101118		1.09E-05	-0.260169	-0.260169	-0.102974	REL DIST	P	M2	M3	V3	1.91E-05	-0.212569	-2.531200	-0.091886	
-1.54E-05	-0.251862	-1.693995	-0.101118		0.25000	-0.002843	-0.283282	-0.102974	0.00000	-0.003305	-0.286734	-0.096157		0.25000	-0.004586	-0.180651	-0.091886	
0.25000	-0.003425	-0.287421	-0.101118		1.09E-05	-0.002843	-0.283282	-0.102974	1.24E-05	-0.125689	-0.286734	-0.096157		0.50000	-0.004586	-0.180651	-0.091886	
-1.54E-05	-0.124674	-1.332472	-0.101118		0.50000	-0.002843	-0.283282	-0.102974	0.50000	-0.003305	-0.286734	-0.096157		1.91E-05	-0.007727	-2.985650	-0.091886	
0.50000	-0.003425	-0.287421	-0.101118		1.09E-05	-0.002843	-0.283282	-0.102974	1.24E-05	-0.116164	-0.286734	-0.096157		0.75000	-0.004586	-0.180651	-0.091886	
-1.54E-05	-0.003211	-1.279889	-0.101118		0.50000	-0.002843	-0.283282	-0.102974	0.00000	-0.003305	-0.286734	-0.096157		1.00000	-0.004586	-0.180651	-0.091886	
0.75000	-0.003425	-0.287421	-0.101118		1.09E-05	-0.002843	-0.283282	-0.102974	1.24E-05	-0.116164	-0.286734	-0.096157		1.91E-05	-0.007727	-2.985650	-0.091886	
-1.54E-05	-0.129702	-0.631548	-0.101118		0.50000	-0.002843	-0.283282	-0.102974	0.00000	-0.003305	-0.286734	-0.096157		0.75000	-0.004586	-0.180651	-0.091886	
1.00000	-0.003425	-0.287421	-0.101118		1.09E-05	-0.002843	-0.283282	-0.102974	1.24E-05	-0.116164	-0.286734	-0.096157		1.00000	-0.004586	-0.180651	-0.091886	
-1.54E-05	-0.256889	-1.112892	-0.101118		1.09E-05	-0.257866	-1.585348	-0.102974	0.00000	-0.003305	-0.286734	-0.096157		2.13E-05	0.229083	3.440100		
Program	SAP2000 Nonlinear Version 7.42	File:상행S11-S1504.OUT			ELEM	230	=====	LENGTH	ELEM	231	=====	LENGTH		COMB SETTLE			MIN	
<	UNEQUAL	Page SETTLEMENT 444	>		LOAD	-A1			LOAD	-A1				REL DIST	P	M2	M3	V3
FRAME ELEMENT INTERNAL FORCES					REL DIST	P	M2	M3	V3	REL DIST	P	M2	M3	V3	0.00000	-0.004586	-0.180651	-0.091886
ELEM	229	=====	LENGTH		0.00000	0.002736	-0.068486	0.012995	REL DIST	P	M2	M3	V3	1.91E-05	-0.212569	-2.531200	-0.091886	
5.030742					2.33E-06	0.031215	-0.781635	0.012995	0.25000	0.002736	-0.068486	0.012995		0.50000	-0.004586	-0.180651	-0.091886	
LOAD	-A1				2.33E-06	0.014872	-0.695											

2.64E-06 -0.012603 0.599398 -0.005678
0.25000 -0.000207 -0.019845
2.64E-06 -0.000461 0.624359 -0.005678
0.50000 -0.000207 -0.019845 -0.005678
2.64E-06 -0.001680 0.649319 -0.005678
0.75000 -0.000207 -0.019845 -0.005678
2.64E-06 -0.000461 0.674260 -0.005678
1.00000 -0.000207 -0.019845 -0.005678
2.64E-06 -0.0015964 0.699241 -0.005678

LOAD -P5-----

REL DIST T M2 M3 V3
0.00000 0.000710 0.003576 0.000799
-3.83E-07 0.001710 0.003576 0.000799
0.25000 0.000250 0.003576 0.000799
-3.83E-07 0.000706 0.003576 0.000799
0.50000 0.000250 0.003576 0.000799
-3.83E-07 -0.000298 0.003576 0.000799
0.75000 0.000250 0.003576 0.000799
-3.83E-07 0.001303 -0.121193 0.000799
1.00000 0.000250 0.003576 0.000799
-3.83E-07 -0.002307 -0.125691 0.000799

LOAD -2N+1-----

REL DIST T M2 M3 V3
0.00000 -0.003396 -0.230492 0.060187
2.56E-05 0.161653 3.418531 0.060187
0.25000 -0.003896 -0.230492 0.060187
2.56E-05 0.085950 3.708440 0.060187
0.50000 -0.003896 -0.230492 0.060187
2.56E-05 0.010248 3.998350 0.060187
0.75000 -0.003896 -0.230492 0.060187
2.56E-05 -0.065455 -4.288259 0.060187
1.00000 -0.003896 -0.230492 0.060187
2.56E-05 -0.141157 4.578168 0.060187

LOAD -2N+2-----

REL DIST T M2 M3 V3
0.00000 0.003896 0.230492 -0.060187
-2.56E-05 -0.161653 -3.418531 -0.060187
0.25000 0.003896 0.230492 -0.060187
-2.56E-05 -0.085950 -3.708440 -0.060187
0.50000 0.003896 0.230492 -0.060187
-2.56E-05 0.010248 3.998350 -0.060187
0.75000 0.003896 0.230492 -0.060187
-2.56E-05 -0.065455 -4.288259 -0.060187
1.00000 0.003896 0.230492 -0.060187
-2.56E-05 -0.141157 4.578168 -0.060187

COMB SETTLE ----- MAX

REL DIST T M2 M3 V3
0.00000 0.003896 0.230492 0.060187
2.56E-05 0.161653 3.418531 0.060187
0.25000 0.003896 0.230492 0.060187
-2.56E-05 0.085950 3.708440 0.060187
0.50000 0.003896 0.230492 0.060187
2.56E-05 0.010248 3.998350 0.060187
0.75000 0.003896 0.230492 0.060187
-2.56E-05 0.103120 4.288259 0.060187
1.00000 0.003896 0.230492 0.060187
2.56E-05 0.209987 4.578168 0.060187

COMB SETTLE ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.005562 -0.230492 -0.084964
-2.56E-05 -0.217479 -3.418531 -0.084964
0.25000 -0.005562 -0.230492 -0.084964
-2.56E-05 -0.116131 -3.708440 -0.084964
0.50000 -0.005562 -0.230492 -0.084964
-2.56E-05 -0.010248 -3.998350 -0.084964
0.75000 -0.005562 -0.230492 -0.084964
-2.56E-05 -0.065455 -4.288259 -0.084964
1.00000 -0.005562 -0.230492 -0.084964
-2.56E-05 -0.141157 4.578168 -0.084964

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FRAME ELEMENT INTERNAL FORCES

ELEM 233 ===== LENGTH = 5.030150

LOAD -A1-----

REL DIST T M2 M3 V3
0.00000 0.001494 -0.044984 0.014078
-2.78E-06 0.036799 0.191806 0.014078
0.25000 0.001494 -0.044984 0.014078
-2.78E-06 0.001955 0.211875 0.014078
0.50000 0.001494 -0.044984 0.014078
-2.78E-06 0.001392 0.304944 0.014078
0.75000 0.001494 -0.044984 0.014078
-2.78E-06 0.061812 0.418513 0.014078
1.00000 0.001494 -0.044984 0.014078
-2.78E-06 -0.034015 -0.418082 0.014078

LOAD -P1-----

REL DIST T M2 M3 V3
0.00000 0.001805 0.084415 -0.071016
-1.03E-05 -0.186583 -1.878722 -0.071016
0.25000 0.001805 0.084415 -0.071016
-1.03E-05 -0.057278 -1.984877 -0.071016
0.50000 0.001805 0.084415 -0.071016
-1.03E-05 -0.007973 -2.091032 -0.071016
0.75000 0.001805 0.084415 -0.071016
-1.03E-05 0.081332 -2.191787 -0.071016
1.00000 0.001805 0.084415 -0.071016
-1.03E-05 0.170637 -2.303343 -0.071016

LOAD -P2-----

REL DIST T M2 M3 V3
0.00000 -0.006981 -0.035469 0.027440
2.36E-05 0.073466 3.706959 0.027440
0.25000 -0.006981 -0.035469 0.027440
2.36E-05 0.044959 3.715298 0.027440
0.50000 -0.006981 -0.035469 0.027440
2.36E-05 0.016252 3.759022 0.027440
0.75000 -0.006981 -0.035469 0.027440
2.36E-05 -0.024055 3.804505 0.027440
1.00000 -0.006981 -0.035469 0.027440
2.36E-05 -0.058561 3.849109 0.027440

LOAD -P3-----

REL DIST T M2 M3 V3
0.00000 0.003505 -0.004931 0.037287
-1.32E-05 0.132170 -2.553959 0.037287
0.25000 0.003505 -0.004931 0.037287
-1.32E-05 0.041880 -2.553058 0.037287
0.50000 0.003505 -0.004931 0.037287
-1.32E-05 0.003009 -2.546868 0.037287
0.75000 0.003505 -0.004931 0.037287
-1.32E-05 0.051899 -2.540657 0.037287
1.00000 0.003505 -0.004931 0.037287
-1.32E-05 -0.098788 -2.534457 0.037287

LOAD -P4-----

REL DIST T M2 M3 V3
0.00000 -6.11E-05 0.001148 -0.009204
3.94E-06 -0.021756 0.701508 -0.009204
0.25000 -6.11E-05 0.001148 -0.009204
3.94E-06 -0.010181 0.700064 -0.009204
0.50000 -6.11E-05 0.001148 -0.009204
3.94E-06 0.001394 0.698620 -0.009204
0.75000 -6.11E-05 0.001148 -0.009204

3.94E-06 0.012969 0.697176 -0.009204
1.00000 -6.11E-05 0.001148 -0.009204
3.94E-06 0.024544 0.695732 -0.009204

LOAD -P5-----

REL DIST T M2 M3 V3
0.00000 0.000238 -0.000180 0.001415
-1.18E-06 0.003304 -0.126028 0.001415
0.25000 0.000238 -0.000180 0.001415
-1.18E-06 0.001524 -0.125802 0.001415
0.50000 0.000238 -0.000180 0.001415
-1.18E-06 -0.000256 -0.125576 0.001415

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< UNEQUAL Page SETTLEMENT 452 >

FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.75000 0.000238 -0.000180 0.001415
-1.18E-06 -0.002036 -0.125350 0.001415
1.00000 0.000238 -0.000180 0.001415
-1.18E-06 -0.003816 -0.125124 0.001415

LOAD -2N+1-----

REL DIST T M2 M3 V3
0.00000 -0.005548 -0.079305 0.032314
2.48E-05 0.094509 4.564009 0.032314
0.25000 -0.005548 -0.079305 0.032314
2.48E-05 0.053874 4.663737 0.032314
0.50000 -0.005548 -0.079305 0.032314
2.48E-05 0.013238 4.763466 0.032314
0.75000 -0.005548 -0.079305 0.032314
2.48E-05 0.027397 -4.863194 0.032314
1.00000 -0.005548 -0.079305 0.032314
2.48E-05 -0.068033 4.962923 0.032314

LOAD -2N+2-----

REL DIST T M2 M3 V3
0.00000 0.005548 0.079305 -0.032314
-2.48E-05 -0.094509 -4.564009 -0.032314
0.25000 0.005548 0.079305 -0.032314
-2.48E-05 -0.053874 -4.663737 -0.032314
0.50000 0.005548 0.079305 -0.032314
-2.48E-05 -0.013238 -4.763466 -0.032314
0.75000 0.005548 0.079305 -0.032314
-2.48E-05 -0.027397 -4.863194 -0.032314
1.00000 0.005548 0.079305 -0.032314
-2.48E-05 -0.068033 -4.962923 -0.032314

COMB SETTLE ----- MAX

REL DIST T M2 M3 V3
0.00000 0.005548 0.079305 0.032314
2.48E-05 0.094509 4.564009 0.032314
0.25000 0.005548 0.079305 0.032314
2.48E-05 0.053874 4.663737 0.032314
0.50000 0.005548 0.079305 0.032314
2.48E-05 0.013238 4.763466 0.032314
0.75000 0.005548 0.079305 0.032314
2.48E-05 0.027397 4.863194 0.032314
1.00000 0.005548 0.079305 0.032314
2.48E-05 0.068033 4.962923 0.032314

COMB SETTLE ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.005548 -0.079305 -0.032314
-2.48E-05 -0.094509 -4.564009 -0.032314
0.25000 -0.005548 -0.079305 -0.032314
-2.48E-05 -0.053874 -4.663737 -0.032314
0.50000 -0.005548 -0.079305 -0.032314
-2.48E-05 -0.013238 -4.763466 -0.032314
0.75000 -0.005548 -0.079305 -0.032314
-2.48E-05 -0.027397 -4.863194 -0.032314
1.00000 -0.005548 -0.079305 -0.032314
-2.48E-05 -0.068033 -4.962923 -0.032314

ELEM 234 ===== LENGTH = 3.521750

LOAD -A1-----

REL DIST T M2 M3 V3
0.00000 0.000984 -0.023261 0.022402
-2.11E-06 0.041200 0.413568 0.022402
0.25000 0.000984 -0.023261 0.022402
-2.11E-06 0.021477 0.434048 0.022402
0.50000 0.000984 -0.023261 0.022402
-2.11E-06 0.001753 0.454528 0.022402
0.75000 0.000984 -0.023261 0.022402
-2.11E-06 -0.017970 0.475008 0.022402
1.00000 0.000984 -0.023261 0.022402
-2.11E-06 -0.037693 0.495489 0.022402

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< UNEQUAL Page SETTLEMENT 453 >

FRAME ELEMENT INTERNAL FORCES

LOAD -P1-----

REL DIST T M2 M3 V3
0.00000 0.003439 0.017608 -0.110989
-3.15E-06 0.203813 -2.200939 -0.110989
0.25000 0.003439 0.017608 -0.110989
-3.15E-06 0.003439 0.017608 -0.110989
0.50000 0.003439 0.017608 -0.110989
-3.15E-06 0.089343 0.017608 -0.110989
0.75000 0.003439 0.017608 -0.110989
-3.15E-06 0.003439 0.017608 -0.110989
1.00000 0.003439 0.017608 -0.110989
-3.15E-06 0.187062 -2.342851 -0.110989

LOAD -P2-----

REL DIST T M2 M3 V3
0.00000 -0.008391 0.048876 0.015447
9.80E-06 0.035885 3.843416 0.015447
0.25000 -0.008391 0.048876 0.015447
9.80E-06 0.022285 3.800383 0.015447
0.50000 -0.008391 0.048876 0.015447
9.80E-06 0.008685 3.757351 0.015447
0.75000 -0.008391 0.048876 0.015447
9.80E-06 -0.00391 0.048876 0.015447
1.00000 -0.008391 0.048876 0.015447
9.80E-06 -0.04915 3.714318 0.015447

LOAD -P3-----

REL DIST T M2 M3 V3
0.00000 -0.008391 0.048876 0.015447
9.80E-06 0.035885 3.843416 0.015447
0.25000 -0.008391 0.048876 0.015447
9.80E-06 0.022285 3.800383 0.015447
0.50000 -0.008391 0.048876 0.015447
9.80E-06 0.008685 3.757351 0.015447
0.75000 -0.008391 0.048876 0.015447
9.80E-06 -0.00391 0.048876 0.015447
1.00000 -0.008391 0.048876 0.015447
9.80E-06 -0.04915 3.714318 0.015447

LOAD -P4-----

REL DIST T M2 M3 V3
0.00000 0.000254 0.015876 -0.023259
5.00E-06 -0.019677 0.685649 -0.023259
0.50000 0.000254 0.015876 -0.023259
5.00E-06 0.000801 0.671671 -0.023259
0.75000 0.000254 0.015876 -0.023259
5.00E-06 0.000254 0.015876 -0.023259
1.00000 0.000254 0.015876 -0.023259
5.00E-06 0.041756 0.643716 -0.023259

5.00E-06 -0.040155 0.699626 -0.023259
0.25000 0.000254 0.015876 -0.023259
5.00E-06 -0.019677 0.685649 -0.023259
0.50000 0.000254 0.015876 -0.023259
5.00E-06 0.000801 0.671671 -0.023259
0.75000 0.000254 0.015876 -0.023259
5.00E-06 0.000254 0.015876 -0.023259
1.00000 0.000254 0.015876 -0.023259
5.00E-06 0.041756 0.643716 -0.023259

LOAD -P5-----

REL DIST T M2 M3 V3
0.00000 0.000254 -0.002303 0.003705
-2.38E-06 0.006359 -0.125737 0.003705
0.25000 0.000254 -0.002303 0.003705
-2.38E-06 0.003098 -0.123182 0.003705
0.50000 0.000254 -0.002303 0.003705
-2.38E-06 -0.000164 -0.120626 0.003705
0.75000 0.000254 -0.002303 0.003705
-2.38E-06 -0.007154 -0.118070 0.003705
1.00000 0.000254 -0.002303 0.003705
-2.38E-06 -0.006687 -0.115514 0.003705

LOAD -2N+1-----

REL DIST T M2 M3 V3
0.00000 -0.007154 0.041491 0.014590
1.27E-05 0.036500 4.956610 0.014590
0.25000 -0.007154 0.041491 0.014590
1.27E-05 0.024085 4.920081 0.014590
0.50000 -0.007154 0.041491 0.014590
1.27E-05 0.011239 4.883551 0.014590
0.75000 -0.007154 0.041491 0.014590
1.27E-05 -0.001606 4.847021 0.014590
1.00000 -0.007154 0.041491 0.014590
1.27E-05 -0.014452 -4.810491 0.014590

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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-----

REL DIST T M2 M3 V3
0.00000 0.007154 -0.041491 -0.014590
1.27E-05 0.036500 4.956610 -0.014590
0.25000 0.007154 -0.041491 -0.014590
1.27E-05 0.024085 -4.920081 -0.014590
0.50000 0.007154 -0.041491 -0.014590
1.27E-05 0.011239 -4.883551 -0.014590
0.75000 0.007154 -0.041491 -0.014590
1.27E-05 -0.001606 -4.847021 -0.014590
1.00000 0.007154 -0.041491 -0.014590
1.27E-05 -0.014452 -4.810491 -0.014590

COMB SETTLE ----- MAX

REL DIST T M2 M3 V3
0.00000 0.007154 0.048876 0.092694
1.27E-05 0.169524 4.956610 0.092694
0.25000 0.007154 0.048876 0.092694
1.27E-05 0.078912 4.920081 0.092694
0.50000 0.007154 0.048876 0.092694
1.27E-05 0.011239 4.883551 0.092694
0.75000 0.007154 0.048876 0.092694
1.27E-05 0.089343 4.847021 0.092694
1.00000 0.007154 0.048876 0.092694
1.27E-05 0.187062 4.810491 0.092694

COMB SETTLE ----- MIN

REL DIST T M2 M3 V3
0.00000 -0.008391 -0.056196 -0.110989
-1.27E-05 -0.203813 -2.200939 -0.110989
0.25000 -0.008391 -0.056196 -0.110989
-1.27E-05 -0.106094 -4.920081 -0.110989
0.50000 -0.008391 -0.056196 -0.110989
-1.27E-05 -0.00391 -4.883551 -0.110989
0.75000 -0.008391 -0.056196 -0.110989
-1.27E-05 -0.08391 -4.847021 -0.110989
1.00000 -0.008391 -0.056196 -0.110989
-1.27E-05 -0.165922 -4.810491 -0.110989

ELEM 235 ===== LENGTH = 3.521364

LOAD -A1-----

REL DIST T M2 M3 V3
0.00000 0.000597 -0.011974 0.018512
-2.13E-06 0.033177 0.491236 0.018512
0.25000 0.000597 -0.011974 0.018512
-2.13E-06 0.019880 0.501777 0.018512
0.50000 0.000597 -0.011974 0.018512
-2.13E-06 0.000583 0.512318 0.018512
0.75000 0.000597 -0.011974 0.018512
-2.13E-06 0.000597 -0.011974 0.018512
1.00000 0.000597 -0.011974 0.018512
-2.13E-06 0.032012 0.533401 0.018512

LOAD -P1-----

REL DIST T M2 M3 V3
0.00000 0.003700 0.055327 -0.092192
6.78E-06 -0.164968 -2.321689 -0.092192
0.25000 0.003700 0.055327 -0.092192
6.78E-06 0.003700 0.055327 -0.092192
0.50000 0.003700 0.055327 -0.092192
6.78E-06 0.002646 -2.419103 -0.092192
0.75000 0.003700 0.055327 -0.092192
6.78E-06 0.078514 -4.867809 -0.092192
1.00000 0.003700 0.055327 -0.092192
6.78E-06 0.159675 -2.516516 -0.092192

LOAD -P2-----

REL DIST T M2 M3 V3
0.00000 -0.008436 -0.049352 -0.014344
-1.00E-05 -0.08607 0.367129 -0.014344
0.25000 -0.008436 -0.049352 -0.014344
-1.00E-05 -0.003979 3.714576 -0.014344
0.50000 -0.008436 -0.049352 -0.014344
-1.00E-05 0.00649 3.758023 -0.014344

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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V3
0.75000 -0.008436 -0.049352 -0.014344
-1.00E-05 0.021276 3.801469 -0.014344
1.00000 -0.008436 -0.049352 -0.014344
-1.00E-05 0.033904 3.844916 -0.014344

LOAD -P3-----

REL DIST T M2 M3 V3
0.00000 0.003272 -0.018817 0.011703
-2.67E-06 0.033824 3.733384 0.011703
0.25000 0.003272 -0.018817 0.011703
-2.67E-06 0.089897 -2.356818 0.011703
0.50000 0.003272 -0.018817 0.011703
-2.67E-06 0.003272 -0.018817 0.011703
0.75000 0.003272 -0.018817 0.011703
-2.67E-06 -0.106777 -2.323687 0.011703
1.00000 0.003272 -0.018817 0.011703
-2.67E-06 -0.205114 -

[illegible]

1.03E-05 0.232521 0.534579 0.091422
0.25000 -0.002260 -0.188660
1.03E-05 0.117934 0.711969 0.091422
0.50000 -0.002260 -0.188660 0.091422
1.03E-05 0.002547 1.009158
0.75000 -0.002260 -0.188660 0.091422
1.03E-05 0.001244 1.246447
1.00000 -0.002260 -0.188660 0.091422
1.03E-05 -0.227427 1.483736
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 464 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P4-----

REL DIST P M2 M3 V3
0.00000 0.002255 0.087435 -0.009073
7.49E-07 -0.025998 -1.019867
0.25000 0.002255 0.087435 -0.009073
7.49E-07 -0.025998 -1.019867
0.50000 0.002255 0.087435 -0.009073
7.49E-07 -0.003175 -1.239810
0.75000 0.002255 0.087435 -0.009073
7.49E-07 0.008236 1.243782
1.00000 0.002255 0.087435 -0.009073
7.49E-07 0.019647 -1.459754

LOAD -P5-----

REL DIST P M2 M3 V3
0.00000 0.000457 -0.015637 0.000288
-3.41E-07 0.001388 0.183495
0.25000 0.000457 -0.015637 0.000288
-3.41E-07 0.001026 0.213053
0.50000 0.000457 -0.015637 0.000288
-3.41E-07 0.000664 0.222830
0.75000 0.000457 -0.015637 0.000288
-3.41E-07 0.002302 0.213053
1.00000 0.000457 -0.015637 0.000288
-3.41E-07 -5.96E-05 0.262166

LOAD -2N+1-----

REL DIST P M2 M3 V3
0.00000 -0.000396 0.297376 -0.102409
-8.97E-06 -0.257447 0.841116
0.25000 -0.000396 0.297376 -0.102409
-8.97E-06 -0.128642 0.467089
0.50000 -0.000396 0.297376 -0.102409
-8.97E-06 0.000163 0.093062
0.75000 -0.000396 0.297376 -0.102409
-8.97E-06 0.128969 0.280965
1.00000 -0.000396 0.297376 -0.102409
-8.97E-06 0.257774 -0.654992

LOAD -2N+2-----

REL DIST P M2 M3 V3
0.00000 0.000396 -0.297376 0.102409
8.97E-06 0.257447 0.841116
0.25000 -0.000396 -0.297376 0.102409
8.97E-06 0.128642 -0.467089
0.50000 -0.000396 -0.297376 0.102409
8.97E-06 0.000163 0.093062
0.75000 -0.000396 -0.297376 0.102409
8.97E-06 -0.128969 0.280965
1.00000 -0.000396 -0.297376 0.102409
8.97E-06 -0.257774 0.654992

COMB SETTLE ----- MAX

REL DIST P M2 M3 V3
0.00000 0.002255 0.297376 0.102409
1.03E-05 0.117934 1.505058
0.25000 0.002255 0.297376 0.102409
1.03E-05 0.128642 1.291355
0.50000 0.002255 0.297376 0.102409
1.03E-05 0.124447 1.246447
0.75000 0.002255 0.297376 0.102409
1.03E-05 0.128969 0.280965
1.00000 0.002255 0.297376 0.102409
1.03E-05 0.257774 1.483736

COMB SETTLE ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.002672 -0.297376 -0.102409
1.02E-05 -0.257447 1.559190
0.25000 -0.002672 -0.297376 -0.102409
1.02E-05 -0.128642 -1.442120
0.50000 -0.002672 -0.297376 -0.102409
1.02E-05 -0.003374 -1.325050
0.75000 -0.002672 -0.297376 -0.102409
1.02E-05 -0.128969 -1.349782
1.00000 -0.002672 -0.297376 -0.102409
1.02E-05 -0.257774 1.459754
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 465 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 241 ===== LENGTH = 5.031005

LOAD -A1-----

REL DIST P M2 M3 V3
0.00000 2.32E-05 0.020310 -0.003837
1.05E-06 -0.009195 0.232076
0.25000 2.32E-05 0.020310 -0.003837
1.05E-06 -0.004368 0.230631
0.50000 2.32E-05 0.020310 -0.003837
1.05E-06 -0.000458 0.180985
0.75000 2.32E-05 0.020310 -0.003837
1.05E-06 0.005284 1.554400
1.00000 2.32E-05 0.020310 -0.003837
1.05E-06 0.010110 1.29894

LOAD -P1-----

REL DIST P M2 M3 V3
0.00000 0.001874 -0.095806 0.017186
-3.98E-06 0.041053 -1.095198
0.25000 0.001874 -0.095806 0.017186
-3.98E-06 0.041053 -1.095198
0.50000 0.001874 -0.095806 0.017186
-3.98E-06 -0.002179 -0.854198
0.75000 0.001874 -0.095806 0.017186
-3.98E-06 -0.001874 -0.736999
1.00000 0.001874 -0.095806 0.017186
-3.98E-06 -0.045410 -0.613199

LOAD -P2-----

REL DIST P M2 M3 V3
0.00000 -0.001697 0.193806 -0.094091
-8.64E-06 -0.236470 0.601764
0.25000 -0.001697 0.193806 -0.094091
-8.64E-06 -0.118127 0.358004
0.50000 -0.001697 0.193806 -0.094091
-8.64E-06 0.000216 0.114244
0.75000 -0.001697 0.193806 -0.094091
-8.64E-06 0.118559 0.129516
1.00000 -0.001697 0.193806 -0.094091
-8.64E-06 0.236902 -0.373276

LOAD -P3-----

REL DIST P M2 M3 V3
0.00000 -0.003210 -0.189969 0.082459
1.48E-05 0.212393 1.457301
0.25000 -0.003210 -0.189969 0.082459
1.48E-05 0.106880 1.696098
0.50000 -0.003210 -0.189969 0.082459
1.48E-05 0.004967 1.934895
0.75000 -0.003210 -0.189969 0.082459
1.48E-05 0.098746 2.173692
1.00000 -0.003210 -0.189969 0.082459
1.48E-05 -0.202459 2.412489

LOAD -P4-----

REL DIST P M2 M3 V3
0.00000 0.002535 0.087115 -0.000244
-3.51E-06 -0.004946 -1.458275
0.25000 0.002535 0.087115 -0.000244
-3.51E-06 -0.004639 -1.567844
0.50000 0.002535 0.087115 -0.000244
-3.51E-06 -0.004333 -1.677413
0.75000 0.002535 0.087115 -0.000244
-3.51E-06 -0.004026 -1.786981
1.00000 0.002535 0.087115 -0.000244
-3.51E-06 -0.003720 -1.896550

LOAD -P5-----

REL DIST P M2 M3 V3
0.00000 0.000475 -0.015565 -0.001473
2.63E-07 0.002835 0.292533
0.25000 0.000475 -0.015565 -0.001473
2.63E-07 -0.000982 0.281910
0.50000 0.000475 -0.015565 -0.001473
2.63E-07 0.000871 0.301487
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 466 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P M2 M3 V3
0.75000 0.000475 -0.015565 -0.001473
2.63E-07 0.002724 0.321064
1.00000 0.000475 -0.015565 -0.001473
2.63E-07 0.004577 0.340642

LOAD -2N+1-----

REL DIST P M2 M3 V3
0.00000 0.000861 0.301231 -0.098172
-1.11E-05 -0.250611 -0.624436
0.25000 0.000861 0.301231 -0.098172
-1.11E-05 -0.127135 -0.003310
0.50000 0.000861 0.301231 -0.098172
-1.11E-05 0.003659 0.362184
0.75000 0.000861 0.301231 -0.098172
-1.11E-05 0.119816 -1.761058
1.00000 0.000861 0.301231 -0.098172
-1.11E-05 0.243292 -2.139932

LOAD -2N+2-----

REL DIST P M2 M3 V3
0.00000 -0.000861 -0.301231 0.098172
1.11E-05 0.250611 0.624436
0.25000 -0.000861 -0.301231 0.098172
1.11E-05 0.127135 0.003310
0.50000 -0.000861 -0.301231 0.098172
1.11E-05 0.003659 1.382184
0.75000 -0.000861 -0.301231 0.098172
1.11E-05 0.119816 1.761058
1.00000 -0.000861 -0.301231 0.098172
1.11E-05 -0.243292 2.139932

COMB SETTLE ----- MAX

REL DIST P M2 M3 V3
0.00000 0.002535 0.301231 0.098172
1.48E-05 0.145701 1.457301
0.25000 0.002535 0.301231 0.098172
1.48E-05 0.127135 0.003310
0.50000 0.002535 0.301231 0.098172
1.48E-05 0.004967 1.934895
0.75000 0.002535 0.301231 0.098172
1.48E-05 0.119816 1.761058
1.00000 0.002535 0.301231 0.098172
1.48E-05 0.243292 2.412489

COMB SETTLE ----- MIN

REL DIST P M2 M3 V3
0.00000 -0.003210 -0.301231 -0.098172
-1.11E-05 -0.250611 -1.458275
0.25000 -0.003210 -0.301231 -0.098172
-1.11E-05 -0.127135 -1.567844
0.50000 -0.003210 -0.301231 -0.098172
-1.11E-05 -0.004333 -1.677413
0.75000 -0.003210 -0.301231 -0.098172
-1.11E-05 -0.119816 -1.786981
1.00000 -0.003210 -0.301231 -0.098172
-1.11E-05 -0.243292 -2.139932

ELEM 242 ===== LENGTH = 5.030102

LOAD -A1-----

REL DIST P M2 M3 V3
0.00000 4.76E-05 0.020757 -0.004575
1.35E-06 -0.011315 0.131181
0.25000 4.76E-05 0.020757 -0.004575
1.35E-06 -0.005561 0.105078
0.50000 4.76E-05 0.020757 -0.004575
1.35E-06 0.000192 0.076975
0.75000 4.76E-05 0.020757 -0.004575
1.35E-06 0.005946 0.052872
1.00000 4.76E-05 0.020757 -0.004575
1.35E-06 0.011700 0.026769
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 467 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P1-----

REL DIST P M2 M3 V3
0.00000 0.001472 -0.097918 0.020782
-5.48E-06 0.051347 0.131033
0.25000 0.001472 -0.097918 0.020782
-5.48E-06 0.025214 -0.495879
0.50000 0.001472 -0.097918 0.020782
-5.48E-06 -0.000920 -0.249612
0.75000 0.001472 -0.097918 0.020782
-5.48E-06 -0.027053 -0.249612
1.00000 0.001472 -0.097918 0.020782
-5.48E-06 -0.053187 -0.126478

LOAD -P2-----

REL DIST P M2 M3 V3
0.00000 -0.000577 0.156663 -0.091880
-9.73E-06 -0.233074 0.345026
0.25000 -0.000577 0.156663 -0.091880
-9.73E-06 -0.117533 0.542034
0.50000 -0.000577 0.156663 -0.091880
-9.73E-06 -0.001991 -0.739042
0.75000 -0.000577 0.156663 -0.091880

-9.73E-06 0.113550 -0.936050
1.00000 -0.000577 0.156663
-9.73E-06 0.229092 -1.133058

LOAD -P3-----

REL DIST P M2 M3 V3
0.00000 -0.004265 -0.099885 0.068501
2.15E-05 0.179041 2.389550
0.25000 -0.004265 -0.099885 0.068501
2.15E-05 0.092900 2.515158
0.50000 -0.004265 -0.099885 0.068501
2.15E-05 0.006758 2.640765
0.75000 -0.004265 -0.099885 0.068501
2.15E-05 -0.073933 2.765373
1.00000 -0.004265 -0.099885 0.068501
2.15E-05 -0.165524 2.891981

LOAD -P4-----

REL DIST P M2 M3 V3
0.00000 0.002810 0.024731 0.010783
-8.67E-06 0.022089 -1.898091
0.25000 0.002810 0.024731 0.010783
-8.67E-06 0.008530 1.929131
0.50000 0.002810 0.024731 0.010783
-8.67E-06 -0.005030 -1.960291
0.75000 0.002810 0.024731 0.010783
-8.67E-06 0.018590 1.991390
1.00000 0.002810 0.024731 0.010783
-8.67E-06 -0.032149 -2.022490

LOAD -P5-----

REL DIST P M2 M3 V3
0.00000 0.000513 -0.004349 -0.003610
1.05E-06 -0.008088 0.341399
0.25000 0.000513 -0.004349 -0.003610
1.05E-06 0.003649 0.346893
0.50000 0.000513 -0.004349 -0.003610
1.05E-06 0.000991 0.352338
0.75000 0.000513 -0.004349 -0.003610
1.05E-06 0.005530 0.357607
1.00000 0.000513 -0.004349 -0.003610
1.05E-06 0.010070 0.363276

LOAD -2N+1-----

REL DIST P M2 M3 V3
0.00000 0.002281 0.202152 -0.085673
-1.71E-05 -0.222300 2.111936
0.25000 0.002281 0.202152 -0.085673
-1.71E-05 0.114565 2.366147
0.50000 0.002281 0.202152 -0.085673
-1.71E-05 -0.006829 2.620358
0.75000 0.002281 0.202152 -0.085673
-1.71E-05 0.100906 2.874568
1.00000 0.002281 0.202152 -0.085673
-1.71E-05 0.208642 3.128779
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 468 >
L F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2-----

REL DIST P M2 M3 V3
0.00000 0.002281 0.202152 0.085673
-1.71E-05 -0.222300 2.111936
0.25000 0.002281 0.202152 0.085673
-1.71E-05 0.114565 2.366147
0.50000 0.002281 0.202152 0.085673
-1.71E-05 -0.006829 2.620358
0.75000 0.002281 0.202152 0.085673
-1.71E-05 0.100906 2.874568
1.00000 0.002281 0.202152 0.085673
-1.71E-05 -0.208642 3.128779

COMB SETTLE ----- MAX

REL DIST P M2 M3 V3
0.00000 0.003640 0.242551 0.066065
2.65E-05 0.175744 3.105670
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

COMB SETTLE ----- MIN

REL DIST P M2 M3 V3
0.00000 0.003640 0.242551 0.066065
2.65E-05 0.175744 3.105670
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

ELEM 243 ===== LENGTH = 5.031334

LOAD -A1-----

REL DIST P M2 M3 V3
0.00000 6.17E-05 0.017009 -0.004739
1.35E-06 -0.011954 0.028191
0.25000 6.17E-05 0.017009 -0.004739
1.35E-06 -0.005993 0.006797
0.50000 6.17E-05 0.017009 -0.004739
1.35E-06 -3.22E-05 -0.014598
0.75000 6.17E-05 0.017009 -0.004739
1.35E-06 0.005929 0.035993
1.00000 6.17E-05 0.017009 -0.004739
1.35E-06 0.011889 -0.057388

LOAD -P1-----

REL DIST P M2 M3 V3
0.00000 0.001124 -0.080241 0.021607
-5.65E-06 0.045406 -0.132952
0.25000 0.001124 -0.080241 0.021607
-5.65E-06 0.001267 -0.034593
0.50000 0.001124 -0.080241 0.021607
-5.65E-06 0.000149 0.068907
0.75000 0.001124 -0.080241 0.021607
-5.65E-06 0.162330 0.152337
1.00000 0.001124 -0.080241 0.021607
-5.65E-06 -0.054209 0.270766

LOAD -P2-----

REL DIST P M2 M3 V3
0.00000 0.000341 0.158940 -0.084816
-1.14E-05 -0.217125 -1.106234
0.25000 0.000341 0.158940 -0.084816
-1.14E-05 0.110440 1.306154
0.50000 0.000341 0.158940 -0.084816
-1.14E-05 -0.003755 -1.506074
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 469 >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P M2 M3 V3
0.75000 0.000341 0.158940 -0.084816
1.14E-05 0.102930 1.7059

0.50000 0.001866 0.088013 -0.070646
9.75E-06 0.008020 -2.103533
0.75000 0.001051 0.082693 -0.070646
-9.75E-06 0.080829 -2.214224
1.00000 0.001866 0.088013 -0.070646
-9.75E-06 0.169679 -2.324915
LOAD -P3-----
REL DIST P M2 M3 V3
0.00000 -0.007010 -0.034628 0.028159
2.33E-05 0.081188 3.618955
0.25000 -0.007010 -0.034628 0.028159
2.33E-05 0.000955 3.625505
0.50000 -0.007010 -0.034628 0.028159
2.33E-05 0.010359 3.706055
2.33E-05 -0.007010 -0.034628 0.028159
2.33E-05 0.000955 3.749605
1.00000 -0.007010 -0.034628 0.028159
2.33E-05 -0.060471 3.793156
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 471 >
F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -P4-----
REL DIST T P M2 M3 V3
0.00000 0.003701 -0.004976 0.035743
-1.21E-05 0.085312 -2.371743
0.25000 0.003701 0.004976 0.035743
-1.21E-05 0.040358 2.365485
0.50000 0.003701 -0.004976 0.035743
-1.21E-05 -0.004595 -2.359227
0.75000 0.003701 0.004976 0.035743
-1.21E-05 0.011211 2.352970
1.00000 0.003701 -0.004976 0.035743
-1.21E-05 -0.094502 -2.346712
LOAD -P5-----
REL DIST T P M2 M3 V3
0.00000 0.000668 0.000925 -0.008255
2.47E-06 -0.019936 0.426461 -0.008255
0.25000 0.000668 0.000925 -0.008255
2.47E-06 0.000668 0.000925 -0.008255
0.50000 0.000668 0.000925 -0.008255
2.47E-06 0.000668 0.000925 -0.008255
0.75000 0.000668 0.000925 -0.008255
2.47E-06 0.000668 0.000925 -0.008255
1.00000 0.000668 0.000925 -0.008255
2.47E-06 0.021594 0.421805
LOAD -2N+1-----
REL DIST T P M2 M3 V3
0.00000 0.005666 0.096320 -0.039131
-2.06E-05 -0.111433 -4.309903
0.25000 0.005666 0.096320 -0.039131
-2.06E-05 0.062219 4.431043
0.50000 0.005666 0.096320 -0.039131
-2.06E-05 -0.013006 -4.552182
0.75000 0.005666 0.096320 -0.039131
-2.06E-05 0.036208 4.673321
1.00000 0.005666 0.096320 -0.039131
-2.06E-05 0.085421 -4.794461
LOAD -2N+2-----
REL DIST T P M2 M3 V3
0.00000 -0.005666 -0.096320 0.039131
2.06E-05 0.111433 4.309903
0.25000 -0.005666 -0.096320 0.039131
2.06E-05 0.062219 4.431043
0.50000 -0.005666 -0.096320 0.039131
2.06E-05 0.013006 4.552182
0.75000 -0.005666 -0.096320 0.039131
2.06E-05 -0.036208 4.673321
1.00000 -0.005666 -0.096320 0.039131
2.06E-05 -0.085421 4.794461
COMB SETTLE ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.005666 0.096320 0.039131
2.33E-05 4.309903
0.25000 0.005666 0.096320 0.039131
2.33E-05 0.062219 4.431043
0.50000 0.005666 0.096320 0.039131
2.33E-05 0.012482 4.552182
0.75000 0.005666 0.096320 0.039131
2.33E-05 0.080829 4.673321
1.00000 0.005666 0.096320 0.039131
2.33E-05 0.169679 4.794461
COMB SETTLE ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.007010 -0.096320 -0.070646
-2.06E-05 -0.185718 -4.309903
0.25000 -0.007010 -0.096320 -0.070646
-2.06E-05 -0.096869 -4.431043
0.50000 -0.007010 -0.096320 -0.070646
-2.06E-05 -0.013006 -4.552182
0.75000 -0.007010 -0.096320 -0.070646
-2.06E-05 -0.049548 -4.673321
1.00000 -0.007010 -0.096320 -0.070646
-2.06E-05 -0.094502 -4.794461
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT
< UNEQUAL Page SETTLEMENT 472 >
F R A M E E L E M E N T I N T E R N A L F O R C E S
ELEM 245 ===== LENGTH = 3.521736
LOAD -A1-----
REL DIST T P M2 M3 V3
0.00000 0.000149 0.006848 -0.006823
1.26E-06 -0.012514 -0.121466 -0.006823
0.25000 0.000149 0.006848 -0.006823
1.26E-06 0.00507 0.121496 -0.006823
0.50000 0.000149 0.006848 -0.006823
1.26E-06 -0.000500 0.133525 -0.006823
0.75000 0.000149 0.006848 -0.006823
1.26E-06 0.005507 -0.139555 -0.006823
1.00000 0.000149 0.006848 -0.006823
1.26E-06 0.011514 -0.145584 -0.006823
LOAD -P1-----
REL DIST T P M2 M3 V3
0.00000 0.000206 -0.032494 0.030779
-5.47E-06 0.056519 0.573306 0.030779
0.25000 0.000206 -0.032494 0.030779
-5.47E-06 0.019420 0.601815 0.030779
0.50000 0.000206 -0.032494 0.030779
-5.47E-06 0.002321 0.630523 0.030779
0.75000 0.000206 -0.032494 0.030779
-5.47E-06 0.000778 0.659132 0.030779
1.00000 0.000206 -0.032494 0.030779
-5.47E-06 -0.051876 0.687740 0.030779
LOAD -P2-----
REL DIST T P M2 M3 V3
0.00000 0.003463 0.020055 -0.109845

-2.60E-06 -0.201824 -2.302588
0.25000 0.003463 0.020055 -0.109845
-2.60E-06 0.105113 2.320245 -0.109845
0.50000 0.003463 0.020055 -0.109845
-2.60E-06 -0.008402 -2.337903 -0.109845
0.75000 0.003463 0.020055 -0.109845
-2.60E-06 0.088309 2.355640 -0.109845
1.00000 0.003463 0.020055 -0.109845
-2.60E-06 0.185020 2.373217 -0.109845
LOAD -P3-----
REL DIST T P M2 M3 V3
0.00000 -0.008473 0.047779 0.017198
9.42E-06 0.038902 3.787176 0.017198
0.25000 -0.008473 0.047779 0.017198
9.42E-06 0.023761 3.745110 0.017198
0.50000 -0.008473 0.047779 0.017198
9.42E-06 0.008619 3.703044 0.017198
0.75000 -0.008473 0.047779 0.017198
9.42E-06 -0.066522 3.650978 0.017198
1.00000 -0.008473 0.047779 0.017198
9.42E-06 -0.021664 3.618912 0.017198
LOAD -P4-----
REL DIST T P M2 M3 V3
0.00000 0.003752 -0.052023 0.088044
-5.49E-06 0.152592 -2.361553 0.088044
0.25000 0.003752 -0.052023 0.088044
-5.49E-06 0.075075 -2.315750 0.088044
0.50000 0.003752 -0.052023 0.088044
-5.49E-06 -0.02441 -0.9520947 0.088044
0.75000 0.003752 -0.052023 0.088044
-5.49E-06 -0.079958 -2.224144 0.088044
1.00000 0.003752 -0.052023 0.088044
-5.49E-06 -0.157474 -2.178340 0.088044
LOAD -P5-----
REL DIST T P M2 M3 V3
0.00000 0.000863 0.009835 -0.019353
2.87E-06 0.033675 0.426125 -0.019353
0.25000 0.000863 0.009835 -0.019353
2.87E-06 0.000863 0.009835 -0.019353
0.50000 0.000863 0.009835 -0.019353
2.87E-06 0.000863 0.009835 -0.019353
0.75000 0.000863 0.009835 -0.019353
2.87E-06 0.000863 0.009835 -0.019353
1.00000 0.000863 0.009835 -0.019353
2.87E-06 0.000863 0.009835 -0.019353
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 473 >
F R A M E E L E M E N T I N T E R N A L F O R C E S
REL DIST T P M2 M3 V3
0.75000 0.000863 0.009835 -0.019353
2.87E-06 0.017442 0.399149 -0.019353
1.00000 0.000863 0.009835 -0.019353
2.87E-06 0.034461 0.390490 -0.019353
LOAD -2N+1-----
REL DIST T P M2 M3 V3
0.00000 0.007384 -0.025120 -0.028624
-6.83E-06 0.061746 4.785607 -0.028624
0.25000 0.007384 -0.025120 -0.028624
-6.83E-06 -0.036544 -4.763491 -0.028624
0.50000 0.007384 -0.025120 -0.028624
-6.83E-06 0.011343 4.741375 -0.028624
0.75000 0.007384 -0.025120 -0.028624
-6.83E-06 0.013858 4.719258 -0.028624
1.00000 0.007384 -0.025120 -0.028624
-6.83E-06 0.039059 4.697142 -0.028624
LOAD -2N+2-----
REL DIST T P M2 M3 V3
0.00000 -0.007384 0.025120 0.028624
6.83E-06 0.061746 4.785607 0.028624
0.25000 -0.007384 0.025120 0.028624
6.83E-06 0.036544 4.763491 0.028624
0.50000 -0.007384 0.025120 0.028624
6.83E-06 0.011343 4.741375 0.028624
0.75000 -0.007384 0.025120 0.028624
6.83E-06 0.013858 4.719258 0.028624
1.00000 -0.007384 0.025120 0.028624
6.83E-06 0.039059 4.697142 0.028624
COMB SETTLE ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.007384 0.047779 0.088044
9.42E-06 0.075075 3.787176 0.088044
0.25000 0.007384 0.047779 0.088044
9.42E-06 0.075075 3.787176 0.088044
0.50000 0.007384 0.047779 0.088044
9.42E-06 0.011343 4.741375 0.088044
0.75000 0.007384 0.047779 0.088044
9.42E-06 0.008619 3.703044 0.088044
1.00000 0.007384 0.047779 0.088044
9.42E-06 0.088309 2.355640 0.088044
COMB SETTLE ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.008473 0.052023 0.088044
-6.83E-06 -0.201824 -2.785607 0.088044
0.25000 -0.008473 0.052023 0.088044
-6.83E-06 -0.105113 -2.763491 0.088044
0.50000 -0.008473 0.052023 0.088044
-6.83E-06 -0.011343 -4.741375 0.088044
0.75000 -0.008473 0.052023 0.088044
-6.83E-06 -0.079958 -2.224144 0.088044
1.00000 -0.008473 0.052023 0.088044
-6.83E-06 -0.157474 -2.178340 0.088044
ELEM 246 ===== LENGTH = 3.521050
LOAD -A1-----
REL DIST T P M2 M3 V3
0.00000 0.000154 0.003664 -0.005710
1.14E-06 0.010220 -0.144279 -0.005710
0.25000 0.000154 0.003664 -0.005710
1.14E-06 -0.005193 -0.147505 -0.005710
0.50000 0.000154 0.003664 -0.005710
1.14E-06 0.000166 0.003664 -0.005710
0.75000 0.000154 0.003664 -0.005710
1.14E-06 0.004860 0.003664 -0.005710
1.00000 0.000154 0.003664 -0.005710
1.14E-06 0.009887 0.157182 -0.005710
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< UNEQUAL Page SETTLEMENT 474 >
F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -P1-----
REL DIST T P M2 M3 V3
0.00000 1.29E-05 -0.016939 0.025426
-5.25E-06 0.045596 0.696797 0.025426
0.25000 1.29E-05 -0.016939 0.025426
-5.25E-06 0.023214 0.696797 0.025426
0.50000 1.29E-05 -0.016939 0.025426
-5.25E-06 0.000833 0.712661 0.025426
0.75000 1.29E-05 -0.016939 0.025426
-5.25E-06 -0.021549 0.726619 0.025426
1.00000 1.29E-05 -0.016939 0.025426
-5.25E-06 -0.043931 0.741530 0.025426
LOAD -P2-----
REL DIST T P M2 M3 V3
0.00000 0.003644 0.006352 -0.035955

LOAD -P2-----
REL DIST T P M2 M3 V3
0.00000 0.003661 0.056918 -0.090609
2.82E-06 0.012987 0.345256 -0.090609
0.25000 0.003661 0.056918 -0.090609
2.82E-06 -0.082527 -2.402459 -0.090609
0.50000 0.003661 0.056918 -0.090609
2.82E-06 0.012987 0.345256 -0.090609
0.75000 0.003661 0.056918 -0.090609
2.82E-06 0.003661 0.056918 -0.090609
7.24E-06 0.076992 -2.502665 -0.090609
1.00000 0.003661 0.056918 -0.090609
7.24E-06 0.156751 -2.552768 -0.090609
LOAD -P3-----
REL DIST T P M2 M3 V3
0.00000 -0.008545 -0.051692 -0.012238
-1.03E-05 -0.013056 3.618394 -0.012238
0.25000 -0.008545 -0.051692 -0.012238
-1.03E-05 -0.002284 3.663896 -0.012238
0.50000 -0.008545 -0.051692 -0.012238
-1.03E-05 0.000489 3.703939 -0.012238
0.75000 -0.008545 -0.051692 -0.012238
-1.03E-05 0.019261 3.754901 -0.012238
1.00000 -0.008545 -0.051692 -0.012238
-1.03E-05 0.030033 3.800404 -0.012238
LOAD -P4-----
REL DIST T P M2 M3 V3
0.00000 0.003682 -0.010644 0.105662
4.36E-06 0.178094 -2.198495 0.105662
0.25000 0.003682 -0.010644 0.105662
4.36E-06 0.085083 -2.189125 0.105662
0.50000 0.003682 -0.010644 0.105662
4.36E-06 -0.007927 -2.179755 0.105662
0.75000 0.003682 -0.010644 0.105662
4.36E-06 -0.100938 -2.170386 0.105662
1.00000 0.003682 -0.010644 0.105662
4.36E-06 -0.193949 -2.161016 0.105662
LOAD -P5-----
REL DIST T P M2 M3 V3
0.00000 0.001036 0.018693 -0.022532
2.82E-06 -0.038128 0.394851 -0.022532
0.25000 0.001036 0.018693 -0.022532
2.82E-06 0.018294 0.394851 -0.022532
0.50000 0.001036 0.018693 -0.022532
2.82E-06 0.001540 0.361941 -0.022532
0.75000 0.001036 0.018693 -0.022532
2.82E-06 0.034546 0.361941 -0.022532
1.00000 0.001036 0.018693 -0.022532
2.82E-06 0.041208 0.329031 -0.022532
LOAD -2N+1-----
REL DIST T P M2 M3 V3
0.00000 0.007497 0.049938 0.009343
1.27E-05 0.005588 4.695131 0.009343
0.25000 0.007497 0.049938 0.009343
1.27E-05 -0.002636 4.739089 0.009343
0.50000 0.007497 0.049938 0.009343
1.27E-05 -0.010861 4.783048 0.009343
0.75000 0.007497 0.049938 0.009343
1.27E-05 -0.019086 4.827006 0.009343
1.00000 0.007497 0.049938 0.009343
1.27E-05 -0.027310 4.870965 0.009343
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< UNEQUAL Page SETTLEMENT 475 >
F R A M E E L E M E N T I N T E R N A L F O R C E S
LOAD -2N+2-----
REL DIST T P M2 M3 V3
0.00000 -0.007497 -0.049938 -0.009343
-1.27E-05 -0.005588 4.695131 -0.009343
0.25000 -0.007497 -0.049938 -0.009343
-1.27E-05 0.002636 4.739089 -0.009343
0.50000 -0.007497 -0.049938 -0.009343
-1.27E-05 0.010861 4.783048 -0.009343
0.75000 -0.007497 -0.049938 -0.009343
-1.27E-05 0.019086 4.827006 -0.009343
1.00000 -0.007497 -0.049938 -0.009343
-1.27E-05 0.027310 4.870965 -0.009343
COMB SETTLE ----- MAX
REL DIST T P M2 M3 V3
0.00000 0.007497 0.056918 0.105662
1.27E-05 0.178094 4.695131 0.105662
0.25000 0.007497 0.056918 0.105662
1.27E-05 0.085083 4.739089 0.105662
0.50000 0.007497 0.056918 0.105662
1.27E-05 0.010861 4.783048 0.105662
0.75000 0.007497 0.056918 0.105662
1.27E-05 0.076992 2.502665 0.105662
1.00000 0.007497 0.056918 0.105662
1.27E-05 0.156751 2.552768 0.105662
COMB SETTLE ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.008545 -0.051692 -0.012238
-1.03E-05 -0.013056 3.618394 -0.012238
0.25000 -0.008545 -0.051692 -0.012238
-1.03E-05 -0.002284 3.663896 -0.012238
0.50000 -0.008545 -0.051692 -0.012238
-1.03E-05 0.000489 3.703939 -0.012238
0.75000 -0.008545 -0.051692 -0.012238
-1.03E-05 0.019261 3.754901 -0.012238
1.00000 -0.008545 -0.051692 -0.012238
-1.03E-05 0.030033 3.800404 -0.012238
COMB SETTLE ----- MIN
REL DIST T P M2 M3 V3
0.00000 -0.007250 -0.071232 -0.035955
-2.40E-05 -0.053892 0.303457 -0.035955
0.25000 -0.007250 0.030311 -0.025522
-2.40E-05 -0.075791 0.030311 -0.025522
0.50000 -0.007250 0.030311 -0.025522
-2.40E-05 0.010310 3.729208 -0.025522
0.75000 -0.007250 0.030311 -0.025522
-2.40E-05 0.046211 3.691083 -0.025522
1.00000 -0.007250 0.030311 -0.025522
-2.40E-05 0.074512 3.652959 -0.025522
LOAD -P4-----
REL DIST T P M2 M3 V3
0.00000 0.002278 -0.071232 0.067475
1.15E-05 0.162117 -2.182471 0.067475
0.25000 0.002278 -0.071232 0.067475
1.15E-05 0.077249 2.092825 0.067475
0.50000 0.002278 -0.071232 0.067475
1.15E-05 -0.007618 -2.003232 0.067475
0.75000 0.002278 -0.071232 0.067475
1.15E-05 0.092486 1.913640 0.067475
1.00000 0.002278 -0.071232 0.067475
1.15E-05 -0.177354 -1.824048 0.067475
LOAD -P5-----
REL DIST T P M2 M3 V3
0.00000 0.001387 0.035895 -0.013712
2.52E-06 0.033274 0.378251 -0.013712
0.25000 0.001387 0.035895 -0.013712
2.52E-06 0.016028 0.288360 -0.013712
0.50000 0.001387 0.035895 -0.013712
2.52E-06 0.001218 0.24913 -0.013712
0.75000 0.001387 0.035895 -0.013712
2.52E-06 0.018464 0.198066 -0.013712
1.00000 0.001387 0.035895 -0.013712
2.52E-06 0.035711 0.152919 -0.013712
LOAD -2N+1-----
REL DIST T P M2 M3 V3
0.00000 0.006114 0.064518 0.029208
2.57E-05 0.060462 4

-2.89E-06 -0.005925 0.665718
1.00000 -0.000404 0.020568
-2.89E-06 -0.013654 0.639850

LOAD -P2

REL DIST T M2 M3 V2 V3
0.00000 0.003320 -0.070915 -0.022392
1.35E-05 -0.062573 -2.560689 -0.022392
0.25000 0.009152 -0.070915 -0.022392
1.35E-05 -0.034410 -2.471499 -0.022392
0.50000 0.003320 -0.070915 -0.022392
1.35E-05 -0.006247 -2.382308 -0.022392
0.75000 0.003320 -0.070915 -0.022392
1.35E-05 0.021916 -2.293118 -0.022392
1.00000 0.003320 -0.070915 -0.022392
1.35E-05 0.050078 -2.203927 -0.022392

LOAD -P3

REL DIST T M2 M3 V2 V3
0.00000 -0.005547 0.146291 -0.047859
-2.72E-05 -0.112004 3.664172 -0.047859
0.25000 -0.005547 0.146291 -0.047859
-2.72E-05 -0.051812 3.480181 -0.047859
0.50000 -0.005547 0.146291 -0.047859
-2.72E-05 0.008381 3.296190 -0.047859
0.75000 -0.005547 0.146291 -0.047859
-2.72E-05 0.068573 3.112199 -0.047859
1.00000 -0.005547 0.146291 -0.047859
-2.72E-05 0.128765 2.928208 -0.047859
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FRAME ELEMENT INTERNAL FORCES

LOAD -P4

REL DIST T M2 M3 V2 V3
0.00000 0.000622 -0.137576 0.080887
1.35E-05 0.199747 -1.846717 0.080887
0.25000 0.000622 -0.137576 0.080887
1.35E-05 0.098016 -1.673687 0.080887
0.50000 0.000622 -0.137576 0.080887
1.35E-05 -0.003716 1.500657 0.080887
0.75000 -0.003716 1.500657 0.080887
1.35E-05 -0.105448 -1.327627 0.080887
1.00000 0.000622 -0.137576 0.080887
1.35E-05 -0.207180 -1.154597 0.080887

LOAD -P5

REL DIST T M2 M3 V2 V3
0.00000 0.001797 0.045976 -0.015269
2.64E-06 -0.038247 0.157368 -0.015269
0.25000 0.001797 0.045976 -0.015269
2.64E-06 -0.019043 0.089544 -0.015269
0.50000 0.001797 0.045976 -0.015269
2.64E-06 0.000160 0.041720 -0.015269
0.75000 0.001797 0.045976 -0.015269
2.64E-06 0.018136 0.045976 -0.015269
1.00000 0.001797 0.045976 -0.015269
2.64E-06 0.038567 -0.073927 -0.015269

LOAD -2N+1

REL DIST T M2 M3 V2 V3
0.00000 0.004155 -0.212835 0.056982
2.74E-05 0.132987 -4.564864 0.056982
0.25000 0.004155 -0.212835 0.056982
2.74E-05 -0.061321 4.297180 0.056982
0.50000 0.004155 -0.212835 0.056982
2.74E-05 -0.010345 -4.029497 0.056982
0.75000 0.004155 -0.212835 0.056982
2.74E-05 0.082012 3.761814 0.056982
1.00000 0.004155 -0.212835 0.056982
2.74E-05 -0.153678 -3.494130 0.056982

LOAD -2N+2

REL DIST T M2 M3 V2 V3
0.00000 -0.004155 0.212835 -0.056982
-2.74E-05 -0.132987 4.564864 -0.056982
0.25000 -0.004155 0.212835 -0.056982
-2.74E-05 -0.061321 4.297180 -0.056982
0.50000 -0.004155 0.212835 -0.056982
-2.74E-05 0.010345 4.029497 -0.056982
0.75000 -0.004155 0.212835 -0.056982
-2.74E-05 0.082012 3.761814 -0.056982
1.00000 -0.004155 0.212835 -0.056982
-2.74E-05 0.153678 3.494130 -0.056982

COMB SETTLE ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 0.004155 0.212835 0.080887
-2.74E-05 0.132987 4.564864 0.080887
0.25000 0.004155 0.212835 0.080887
-2.74E-05 0.098016 4.297180 0.080887
0.50000 0.004155 0.212835 0.080887
-2.74E-05 0.010345 4.029497 0.080887
0.75000 0.004155 0.212835 0.080887
-2.74E-05 0.082012 3.761814 0.080887
1.00000 0.004155 0.212835 0.080887
-2.74E-05 0.153678 3.494130 0.080887

COMB SETTLE ----- MIN

REL DIST T M2 M3 V2 V3
0.00000 -0.005547 -0.137576 -0.056982
-2.74E-05 -0.132987 -4.564864 -0.056982
0.25000 -0.005547 -0.137576 -0.056982
-2.74E-05 -0.061321 -4.297180 -0.056982
0.50000 -0.005547 -0.137576 -0.056982
-2.74E-05 -0.010345 -4.029497 -0.056982
0.75000 -0.005547 -0.137576 -0.056982
-2.74E-05 -0.105448 -3.761814 -0.056982
1.00000 -0.005547 -0.137576 -0.056982
-2.74E-05 -0.207180 -3.494130 -0.056982

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FRAME ELEMENT INTERNAL FORCES

ELEM = 5.030704 ===== LENGTH

LOAD -A1

REL DIST T M2 M3 V2 V3
0.00000 0.000212 -0.001521 -0.000683
2.98E-07 -0.002052 0.135277 -0.000683
0.25000 0.000212 -0.001521 -0.000683
2.98E-07 -0.001193 -0.133364 -0.000683
0.50000 0.000212 -0.001521 -0.000683
2.98E-07 -0.000335 0.131452 -0.000683
0.75000 0.000212 -0.001521 -0.000683
2.98E-07 0.000524 -0.129539 -0.000683
1.00000 0.000212 -0.001521 -0.000683
2.98E-07 0.001383 -0.127626 -0.000683

LOAD -P1

REL DIST T M2 M3 V2 V3
0.00000 -0.000474 0.007238 0.002170
-1.49E-06 -0.007041 0.638606 0.002170
0.25000 -0.000474 0.007238 0.002170
-1.49E-06 0.004312 0.629502 0.002170

0.50000 -0.000474 0.007238 0.002170
-1.49E-06 0.001583 0.620399 0.002170
0.75000 -0.000474 0.007238 0.002170
-1.49E-06 -0.001145 0.611296 0.002170
1.00000 -0.000474 0.007238 0.002170
-1.49E-06 -0.003874 0.602192 0.002170

LOAD -P2

REL DIST T M2 M3 V2 V3
0.00000 0.003042 -0.024855 -0.008468
9.25E-06 -0.026775 -2.199309 -0.008468
0.25000 0.003042 -0.024855 -0.008468
9.25E-06 0.016126 2.191629 -0.008468
0.50000 0.003042 -0.024855 -0.008468
9.25E-06 -0.005476 -2.136789 -0.008468
0.75000 0.003042 -0.024855 -0.008468
9.25E-06 0.005174 2.106580 -0.008468
1.00000 0.003042 -0.024855 -0.008468
9.25E-06 0.015823 -2.074270 -0.008468

LOAD -P3

REL DIST T M2 M3 V2 V3
0.00000 -0.004106 0.993247 -0.066058
-2.22E-05 -0.159238 2.945520 -0.066058
0.25000 -0.004106 0.993247 -0.066058
-2.22E-05 -0.076158 2.831245 -0.066058
0.50000 -0.004106 0.993247 -0.066058
-2.22E-05 0.006922 2.710971 -0.066058
0.75000 -0.004106 0.993247 -0.066058
-2.22E-05 0.090002 2.593896 -0.066058
1.00000 -0.004106 0.993247 -0.066058
-2.22E-05 0.173082 2.476422 -0.066058

LOAD -P4

REL DIST T M2 M3 V2 V3
0.00000 -0.000863 -0.130164 0.087911
1.17E-05 0.218865 -1.180206 0.087911
0.25000 -0.000863 -0.130164 0.087911
1.17E-05 0.108302 -1.016503 0.087911
0.50000 -0.000863 -0.130164 0.087911
1.17E-05 -0.002261 -0.852799 0.087911
0.75000 -0.000863 -0.130164 0.087911
1.17E-05 -0.112824 -0.689095 0.087911
1.00000 -0.000863 -0.130164 0.087911
1.17E-05 -0.223387 -0.525391 0.087911

LOAD -P5

REL DIST T M2 M3 V2 V3
0.00000 0.002210 0.056054 -0.014872
2.46E-06 -0.037841 -0.056054 -0.014872
0.25000 0.002210 0.056054 -0.014872
2.46E-06 -0.019137 -0.139832 -0.014872
0.50000 0.002210 0.056054 -0.014872
2.46E-06 0.000434 -0.121033 -0.014872
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FRAME ELEMENT INTERNAL FORCES

REL DIST T M2 M3 V2 V3
0.75000 0.002210 0.056054 -0.014872
2.46E-06 0.018270 -0.280829 -0.014872
1.00000 0.002210 0.056054 -0.014872
2.46E-06 0.036973 -0.351327 -0.014872

LOAD -2N+1

REL DIST T M2 M3 V2 V3
0.00000 0.002371 -0.156540 0.078760
2.12E-05 0.190038 -3.514792 0.078760
0.25000 0.002371 -0.156540 0.078760
2.12E-05 0.090983 -3.317916 0.078760
0.50000 0.002371 -0.156540 0.078760
2.12E-05 0.008071 -3.121039 0.078760
0.75000 0.002371 -0.156540 0.078760
2.12E-05 0.002371 -0.156540 0.078760
1.00000 0.002371 -0.156540 0.078760
2.12E-05 -0.206181 -2.727287 0.078760

LOAD -2N+2

REL DIST T M2 M3 V2 V3
0.00000 -0.002371 0.156540 -0.078760
2.12E-05 -0.190038 3.514792 -0.078760
0.25000 -0.002371 0.156540 -0.078760
2.12E-05 -0.090983 3.317916 -0.078760
0.50000 -0.002371 0.156540 -0.078760
2.12E-05 0.008071 3.121039 -0.078760
0.75000 -0.002371 0.156540 -0.078760
2.12E-05 0.002371 0.156540 -0.078760
1.00000 -0.002371 0.156540 -0.078760
2.12E-05 0.206181 2.727287 -0.078760

COMB SETTLE ----- MAX

REL DIST T M2 M3 V2 V3
0.00000 0.003042 0.156540 0.087911
2.12E-05 0.218865 3.514792 0.087911
0.25000 0.003042 0.156540 0.087911
2.12E-05 0.108302 3.317916 0.087911
0.50000 0.003042 0.156540 0.087911
2.12E-05 0.008071 3.121039 0.087911
0.75000 0.003042 0.156540 0.087911
2.12E-05 0.002371 0.156540 0.087911
1.00000 0.003042 0.156540 0.087911
2.12E-05 0.206181 2.727287 0.087911

COMB SETTLE ----- MIN

REL DIST T M2 M3 V2 V3
0.00000 -0.004106 0.993247 -0.078760
-2.22E-05 -0.159038 -3.514792 -0.078760
0.25000 -0.004106 0.993247 -0.078760
-2.22E-05 -0.090983 -3.317916 -0.078760
0.50000 -0.004106 0.993247 -0.078760
-2.22E-05 -0.008071 -3.121039 -0.078760
0.75000 -0.004106 0.993247 -0.078760
-2.22E-05 0.002371 -2.924163 -0.078760
1.00000 -0.004106 0.993247 -0.078760
-2.22E-05 -0.223387 -2.727287 -0.078760

ELEM = 5.030720 ===== LENGTH

LOAD -A1

REL DIST T M2 M3 V2 V3
0.00000 0.000195 -0.005710 3.80E-05
-2.06E-09 -0.000194 -0.272533 3.80E-05
0.25000 0.000195 -0.005710 3.80E-05
-2.06E-09 -0.000242 -0.120351 3.80E-05
0.50000 0.000195 -0.005710 3.80E-05
-2.06E-09 -0.000195 -0.005710 3.80E-05
0.75000 0.000195 -0.005710 3.80E-05
-2.06E-09 -0.000337 -0.105988 3.80E-05
1.00000 0.000195 -0.005710 3.80E-05
-2.06E-09 -0.000385 -0.068086 3.80E-05
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LOAD -P1

REL DIST T M2 M3 V2 V3
0.00000 -0.000474 0.027017 -0.001282
-5.67E-08 -0.001856 0.602077 -0.001282
0.25000 -0.000474 0.027017 -0.001282
-5.67E-08 0.000243 0.568098 -0.001282
0.50000 -0.000474 0.027017 -0.001282
-5.67E-08 0.001370 0.534119 -0.001282
0.75000 -0.000474 0.027017 -0.001282
-5.67E-08 0.002982 0.500139 -0.001282
1.00000 -0.000474 0.027017 -0.001282
-5.67E-08 0.004595 0.466160 -0.001282

LOAD -P2

REL DIST T M2 M3 V2 V3
0.00000 0.002774 -0.093016 0.003611
3.63E-06 0.004346 2.073590 0.003611
0.25000 0.002774 -0.093016 0.003611
3.63E-06 -0.000195 -1.956606 0.003611
0.50000 0.002774 -0.093016 0.003611
3.63E-06 -0.004737 -1.839622 0.003611
0.75000 0.002774 -0.093016 0.003611
3.63E-06 -0.009278 -1.722637 0.003611
1.00000 0.002774 -0.093016 0.003611
3.63E-06 -0.013820 -1.605653 0.003611

LOAD -P3

REL DIST T M2 M3 V2 V3
0.00000 -0.003166 0.185145 -0.080356
-1.53E-05 -0.196440 2.498670 -0.080356
0.25000 -0.003166 0.185145 -0.080356
-1.53E-05 -0.095877 2.265817 -0.080356
0.50000 -0.003166 0.185145 -0.080356
-1.53E-05 0.005185 2.039644 -0.080356
0.75000 -0.003166 0.185145 -0.080356
-1.53E-05 0.106248 1.800111 -0.080356
1.00000 -0.003166 0.185145 -0.080356
-1.53E-05 0.207310 1.567258 -0.080356

LOAD -P4

REL DIST T M2 M3 V2 V3
0.00000 -0.001870 -0.168271 0.090904
1.02E-05 0.228278 0.552542 0.090904
0.25000 -0.001870 -0.168271 0.090904
1.02E-05 0.113950 -0.340910 0.090904
0.50000 -0.001870 -0.168271 0.090904
1.02E-05 0.000378 -0.129279 0.090904
0.75000 -0.001870 -0.168271 0.090904
1.02E-05 -0.114705 0.082352 0.090904
1.00000 -0.001870 -0.168271 0.090904
1.02E-05 -0.229033 0.293984 0.090904

LOAD -P5

REL DIST T M2 M3 V2 V3
0.00000 0.002541 0.054835 -0.012914
1.48E-06 -0.033634 -0.347082 -0.012914
0.25000 0.002541 0.054835 -0.012914
1.48E-06 -0.017392 -0.18047 -0.012914
0.50000 0.002541 0.054835 -0.012914
1.48E-06 -0.001151 -0.485013 -0.012914
0.75000 0.002541 0.054835 -0.012914
1.48E-06 0.002541 -0.553978 -0.012914
1.00000 0.002541 0.054835 -0.012914
1.48E-06 0.031333 -0.622943 -0.012914

LOAD -2N+1

REL DIST T M2 M3 V2 V3
0.00000 0.001099 -0.266997 0.094552
1.39E-05 0.232430 -2.753665 0.094552
0.25000 0.001099 -0.266997 0.094552
1.39E-05 0.113513 -2.417867 0.094552
0.50000 0.001099 -0.266997 0.094552
1.39E-05 -0.005404 -2.082070 0.094552
0.75000 0.001099 -0.266997 0.094552
1.39E-05 0.124321 -1.746273 0.094552
1.00000 0.001099 -0.266997 0.094552
1.39E-05 -0.243238 -1.410475 0.094552
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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2

REL DIST T M2 M3 V2 V3
0.00000 0.001099 0.266997 -0.094552
-1.39E-05 -0.232430 2.753665 -0.094552
0.25000 0.001099 0.266997 -0.094552
-1.39E-05 0.113513 2.417867 -0.094552
0.50000 0.001099 0.266997 -0.094552
-1.39E-05 0.005404 2.082070 -0.094552
0.75000 0.00109

				-P1-----				-P2-----				-P3-----				-P4-----				-P5-----				-P6-----				-P7-----				-P8-----				-P9-----				-P10-----				-P11-----				-P12-----				-P13-----				-P14-----				-P15-----				-P16-----				-P17-----				-P18-----				-P19-----				-P20-----				-P21-----				-P22-----				-P23-----				-P24-----				-P25-----				-P26-----				-P27-----				-P28-----				-P29-----				-P30-----				-P31-----				-P32-----				-P33-----				-P34-----				-P35-----				-P36-----				-P37-----				-P38-----				-P39-----				-P40-----				-P41-----				-P42-----				-P43-----				-P44-----				-P45-----				-P46-----				-P47-----				-P48-----				-P49-----				-P50-----				-P51-----				-P52-----				-P53-----				-P54-----				-P55-----				-P56-----				-P57-----				-P58-----				-P59-----				-P60-----				-P61-----				-P62-----				-P63-----				-P64-----				-P65-----				-P66-----				-P67-----				-P68-----				-P69-----				-P70-----				-P71-----				-P72-----				-P73-----				-P74-----				-P75-----				-P76-----				-P77-----				-P78-----				-P79-----				-P80-----				-P81-----				-P82-----				-P83-----				-P84-----				-P85-----				-P86-----				-P87-----				-P88-----				-P89-----				-P90-----				-P91-----				-P92-----				-P93-----				-P94-----				-P95-----				-P96-----				-P97-----				-P98-----				-P99-----				-P100-----				-P101-----				-P102-----				-P103-----				-P104-----				-P105-----				-P106-----				-P107-----				-P108-----				-P109-----				-P110-----				-P111-----				-P112-----				-P113-----				-P114-----				-P115-----				-P116-----				-P117-----				-P118-----				-P119-----				-P120-----				-P121-----				-P122-----				-P123-----				-P124-----				-P125-----				-P126-----				-P127-----				-P128-----				-P129-----				-P130-----				-P131-----				-P132-----				-P133-----				-P134-----				-P135-----				-P136-----				-P137-----				-P138-----				-P139-----				-P140-----				-P141-----				-P142-----				-P143-----				-P144-----				-P145-----				-P146-----				-P147-----				-P148-----				-P149-----				-P150-----				-P151-----				-P152-----				-P153-----				-P154-----				-P155-----				-P156-----				-P157-----				-P158-----				-P159-----				-P160-----				-P161-----				-P162-----				-P163-----				-P164-----				-P165-----				-P166-----				-P167-----				-P168-----				-P169-----				-P170-----				-P171-----				-P172-----				-P173-----				-P174-----				-P175-----				-P176-----				-P177-----				-P178-----				-P179-----				-P180-----				-P181-----				-P182-----				-P183-----				-P184-----				-P185-----				-P186-----				-P187-----				-P188-----				-P189-----				-P190-----				-P191-----				-P192-----				-P193-----				-P194-----				-P195-----				-P196-----				-P197-----				-P198-----				-P199-----				-P200-----				-P201-----				-P202-----				-P203-----				-P204-----				-P205-----				-P206-----				-P207-----				-P208-----				-P209-----				-P210-----				-P211-----				-P212-----				-P213-----				-P214-----				-P215-----				-P216-----				-P217-----				-P218-----				-P219-----				-P220-----				-P221-----				-P222-----				-P223-----				-P224-----				-P225-----				-P226-----				-P227-----				-P228-----				-P229-----				-P230-----				-P231-----				-P232-----				-P233-----				-P234-----				-P235-----				-P236-----				-P237-----				-P238-----				-P239-----				-P240-----				-P241-----				-P242-----				-P243-----				-P244-----				-P245-----				-P246-----				-P247-----				-P248-----				-P249-----				-P250-----				-P251-----				-P252-----				-P253-----				-P254-----				-P255-----				-P256-----				-P257-----				-P258-----				-P259-----				-P260-----				-P261-----				-P262-----				-P263-----				-P264-----				-P265-----				-P266-----				-P267-----				-P268-----				-P269-----				-P270-----				-P271-----				-P272-----				-P273-----				-P274-----				-P275-----				-P276-----				-P277-----				-P278-----				-P279-----				-P280-----				-P281-----				-P282-----				-P283-----				-P284-----				-P285-----				-P286-----				-P287-----				-P288-----				-P289-----				-P290-----				-P291-----				-P292-----				-P293-----				-P294-----				-P295-----				-P296-----				-P297-----				-P298-----				-P299-----				-P300-----				-P301-----				-P302-----				-P303-----				-P304-----				-P305-----				-P306-----				-P307-----				-P308-----				-P309-----				-P310-----				-P311-----				-P312-----				-P313-----				-P314-----				-P315-----				-P316-----				-P317-----				-P318-----				-P319-----				-P320-----				-P321-----				-P322-----				-P323-----				-P324-----				-P325-----				-P326-----				-P327-----				-P328-----				-P329-----				-P330-----				-P331-----				-P332-----				-P333-----				-P334-----				-P335-----				-P336-----				-P337-----				-P338-----				-P339-----				-P340-----				-P341-----				-P342-----				-P343-----				-P344-----				-P345-----				-P346-----				-P347-----				-P348-----				-P349-----				-P350-----				-P351-----				-P352-----				-P353-----				-P354-----				-P355-----				-P356-----				-P357-----				-P358-----				-P359-----				-P360-----				-P361-----				-P362-----				-P363-----				-P364-----				-P365---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				-P723-----				-P724-----				-P725-----				-P726-----				-P727-----				-P728-----				-P729-----				-P730-----				-P731-----				-P732-----				-P733-----				-P734-----				-P735-----				-P736-----				-P737-----				-P738-----				-P739-----				-P740-----				-P741-----				-P742-----				-P743-----				-P744-----				-P745-----				-P746-----				-P747-----				-P748-----				-P749-----				-P750-----				-P751-----				-P752-----				-P753-----				-P754-----				-P755-----				-P756-----				-P757-----				-P758-----				-P759-----				-P760-----				-P761-----				-P762-----				-P763-----				-P764-----				-P765-----				-P766-----				-P767-----				-P768-----				-P769-----				-P770-----				-P771-----				-P772-----				-P773-----				-P774-----				-P775-----				-P776-----				-P777-----				-P778-----				-P779-----				-P780-----				-P781-----				-P782-----				-P783-----				-P784-----				-P785-----				-P786-----				-P787-----				-P788-----				-P789-----				-P790-----				-P791-----				-P792-----				-P793-----				-P794-----				-P795-----				-P796-----				-P797-----				-P798-----				-P799-----				-P800-----				-P801-----				-P802-----				-P803-----				-P804-----				-P805-----				-P806-----				-P807-----				-P808-----				-P809-----				-P810-----				-P811-----				-P812-----				-P813-----				-P814-----				-P815-----				-P816-----				-P817-----				-P818-----				-P819-----				-P820-----				-P821-----				-P822-----				-P823-----				-P824-----				-P825-----				-P826-----				-P827-----				-P828-----				-P829-----				-P830-----				-P831-----				-P832-----				-P833-----				-P834-----				-P835-----				-P836-----				-P837-----				-P838-----				-P839-----				-P840-----				-P841-----				-P842-----				-P843-----				-P844-----				-P845-----				-P846-----				-P847-----				-P848-----				-P849-----				-P850-----				-P851-----				-P852-----				-P853-----				-P854-----				-P855-----				-P856-----				-P857-----				-P858-----				-P859-----				-P860-----				-P861-----				-P862-----				-P863-----				-P864-----				-P865-----				-P866-----				-P867-----				-P868-----				-P869-----				-P870-----				-P871-----				-P872-----				-P873-----				-P874-----				-P875-----				-P876-----				-P877-----				-P878-----				-P879-----				-P880-----				-P881-----				-P882-----				-P883-----				-P884-----				-P885-----				-P886-----				-P887-----				-P888-----				-P889-----				-P890-----				-P891-----				-P			

REL DIST P M2 M3 V3
0.00000 2.78E-05 -0.002087 0.001941
-4.32E-07 0.003504 0.033036
0.25000 2.78E-05 -0.002087 0.001941
-4.32E-07 0.001795 0.034873
0.50000 2.78E-05 -0.002087 0.001941
-4.32E-07 8.55E-05 0.036710
0.75000 2.78E-05 -0.002087 0.001941
-4.32E-07 0.001622 0.038547
1.00000 2.78E-05 -0.002087 0.001941
-4.32E-07 -0.003331 -0.040384

LOAD -P1
REL DIST T P M2 M3 V3
0.00000 4.11E-05 0.010022 -0.111324
2.01E-06 -0.020349 -0.155668
0.25000 4.11E-05 0.010022 -0.111324
2.01E-06 -0.104380 -0.164490
0.50000 4.11E-05 0.010022 -0.111324
2.01E-06 -0.000411 -0.173312
0.75000 4.11E-05 0.010022 -0.111324
2.01E-06 0.009558 -0.182135
1.00000 4.11E-05 0.010022 -0.111324
2.01E-06 0.019527 -0.190957

LOAD -P2
REL DIST T P M2 M3 V3
0.00000 0.000219 -0.034603 0.038219
-5.90E-06 0.000219 -0.034603 0.038219
0.25000 0.000219 -0.034603 0.038219
-5.90E-06 0.035064 0.566606
0.50000 0.000219 -0.034603 0.038219
-5.90E-06 0.035064 0.566606
0.75000 0.000219 -0.034603 0.038219
-5.90E-06 0.032226 0.627530
1.00000 0.000219 -0.034603 0.038219
-5.90E-06 0.065872 0.657992

LOAD -P3
REL DIST T P M2 M3 V3
0.00000 0.003538 0.023355 -0.117793
-2.22E-06 -0.212459 -3.141125
0.25000 0.003538 0.023355 -0.117793
-2.22E-06 -0.108763 -2.161685
0.50000 0.003538 0.023355 -0.117793
-2.22E-06 -0.005067 -2.182246
0.75000 0.003538 0.023355 -0.117793
-2.22E-06 0.098629 0.220206
1.00000 0.003538 0.023355 -0.117793
-2.22E-06 0.202326 0.222336
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 492 >
FRAME ELEMENT INTERNAL FORCES
LOAD -P4
REL DIST T P M2 M3 V3
0.00000 -0.009215 0.034287 0.040430
6.92E-06 0.078232 3.162070
0.25000 -0.009215 0.034287 0.040430
6.92E-06 0.042641 3.131886
0.50000 -0.009215 0.034287 0.040430
6.92E-06 0.007049 3.101702
0.75000 -0.009215 0.034287 0.040430
6.92E-06 -0.028542 3.071518
1.00000 -0.009215 0.034287 0.040430
6.92E-06 -0.064133 3.041334

LOAD -P5
REL DIST T P M2 M3 V3
0.00000 0.005390 -0.030974 0.048527
-3.86E-07 0.082363 -1.434588
0.25000 0.005390 -0.030974 0.048527
-3.86E-07 0.039643 1.007190
0.50000 0.005390 -0.030974 0.048527
-3.86E-07 -0.030377 -1.379923
0.75000 0.005390 -0.030974 0.048527
-3.86E-07 -0.045796 -1.352655
1.00000 0.005390 -0.030974 0.048527
-3.86E-07 -0.088516 -1.325387

LOAD -2N+1-
REL DIST T P M2 M3 V3
0.00000 -0.008969 -0.002403 0.080590
5.92E-07 0.150446 3.731250
0.25000 -0.008969 -0.002403 0.080590
5.92E-07 0.079500 3.732066
0.50000 -0.008969 -0.002403 0.080590
5.92E-07 0.008555 3.735481
0.75000 -0.008969 -0.002403 0.080590
5.92E-07 -0.008969 -0.002403 0.080590
1.00000 -0.008969 -0.002403 0.080590
5.92E-07 -0.133336 3.739711

LOAD -2N+2-
REL DIST T P M2 M3 V3
0.00000 0.008969 0.002403 -0.080590
-5.92E-07 -0.150446 -3.731250
0.25000 0.008969 0.002403 -0.080590
-5.92E-07 -0.079500 -3.733366
0.50000 0.008969 0.002403 -0.080590
-5.92E-07 -0.008555 -3.735481
0.75000 0.008969 0.002403 -0.080590
-5.92E-07 0.008969 3.737596
1.00000 0.008969 0.002403 -0.080590
-5.92E-07 0.133336 -3.739711

COMB SETTLE -MAX
REL DIST T P M2 M3 V3
0.00000 0.008969 0.034287 0.080590
6.92E-06 0.150446 3.731250
0.25000 0.008969 0.034287 0.080590
6.92E-06 0.079500 3.733366
0.50000 0.008969 0.034287 0.080590
6.92E-06 0.008555 3.735481
0.75000 0.008969 0.034287 0.080590
6.92E-06 0.008969 3.737596
1.00000 0.008969 0.034287 0.080590
6.92E-06 0.202326 3.739711

COMB SETTLE -MIN
REL DIST T P M2 M3 V3
0.00000 -0.009215 -0.034603 -0.117793
-5.90E-06 -0.009215 -0.034603 -0.117793
0.25000 -0.009215 -0.034603 -0.117793
-5.90E-06 -0.108763 -2.161685
0.50000 -0.009215 -0.034603 -0.117793
-5.90E-06 -0.005067 -2.182246
0.75000 -0.009215 -0.034603 -0.117793
-5.90E-06 0.098629 0.220206
1.00000 -0.009215 -0.034603 -0.117793
-5.90E-06 0.202326 0.222336
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 493 >
FRAME ELEMENT INTERNAL FORCES
ELEM 257 ===== LENGTH
= 5.030907

LOAD -A1
REL DIST T P M2 M3 V3
0.00000 5.64E-06 -0.000715 0.000793
-2.99E-07 0.007065 2.940050
0.25000 5.64E-06 -0.000715 0.000793
-3.99E-07 0.001068 0.040959
0.50000 5.64E-06 -0.000715 0.000793
-3.99E-07 0.04E-05 0.040959
0.75000 5.64E-06 -0.000715 0.000793
-3.99E-07 -0.000927 0.042758
1.00000 5.64E-06 -0.000715 0.000793
-3.99E-07 -0.001924 0.043657

LOAD -P1
REL DIST T P M2 M3 V3
0.00000 0.000123 0.003407 -0.004840
1.89E-06 -0.012464 -0.189037
0.25000 0.000123 0.003407 -0.004840
1.89E-06 -0.006377 -0.193322
0.50000 0.000123 0.003407 -0.004840
1.89E-06 -0.000290 -0.197607
0.75000 0.000123 0.003407 -0.004840
1.89E-06 0.005797 -0.201892
1.00000 0.000123 0.003407 -0.004840
1.89E-06 0.011885 -0.206176

LOAD -P2
REL DIST T P M2 M3 V3
0.00000 -0.000151 -0.011605 0.016229
-6.14E-06 0.041844 0.651526
0.25000 -0.000151 -0.011605 0.016229
-6.14E-06 0.021432 0.666121
0.50000 -0.000151 -0.011605 0.016229
-6.14E-06 0.001020 0.680717
0.75000 -0.000151 -0.011605 0.016229
-6.14E-06 -0.019391 0.695312
1.00000 -0.000151 -0.011605 0.016229
-6.14E-06 -0.039803 0.709908

LOAD -P3
REL DIST T P M2 M3 V3
0.00000 0.004238 0.038395 -0.048889
1.18E-05 -0.126632 -2.203586
0.25000 0.004238 0.038395 -0.048889
1.18E-05 -0.065144 -2.228177
0.50000 0.004238 0.038395 -0.048889
1.18E-05 -0.000151 -2.300168
0.75000 0.004238 0.038395 -0.048889
1.18E-05 0.057834 0.695312
1.00000 0.004238 0.038395 -0.048889
1.18E-05 0.119323 -2.396749

LOAD -P4
REL DIST T P M2 M3 V3
0.00000 -0.009723 -0.048646 0.004613
-1.97E-05 0.019133 3.036288
0.25000 -0.009723 -0.048646 0.004613
-1.97E-05 0.013331 3.057472
0.50000 -0.009723 -0.048646 0.004613
-1.97E-05 0.007529 3.158655
0.75000 -0.009723 -0.048646 0.004613
-1.97E-05 0.001727 3.219639
1.00000 -0.009723 -0.048646 0.004613
-1.97E-05 -0.004075 3.281022

LOAD -P5
REL DIST T P M2 M3 V3
0.00000 0.005507 0.019164 0.032094
1.25E-05 0.076055 -1.335251
0.25000 0.005507 0.019164 0.032094
1.25E-05 0.035690 -1.359354
0.50000 0.005507 0.019164 0.032094
1.25E-05 0.004675 -1.383456
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FRAME ELEMENT INTERNAL FORCES
REL DIST T P M2 M3 V3
0.00000 0.005507 0.019164 0.032094
1.25E-05 0.045040 -1.407559
0.25000 0.005507 0.019164 0.032094
1.25E-05 -0.085405 -1.431661
LOAD -2N+1-
REL DIST T P M2 M3 V3
0.00000 -0.009868 -0.060966 0.021635
2.62E-05 0.009868 -0.060966 0.021635
0.25000 -0.009868 -0.060966 0.021635
2.62E-05 0.035831 3.804553
0.50000 -0.009868 -0.060966 0.021635
2.62E-05 0.008620 3.881231
0.75000 -0.009868 -0.060966 0.021635
2.62E-05 0.018591 3.957909
1.00000 -0.009868 -0.060966 0.021635
2.62E-05 -0.045802 -4.034587

LOAD -2N+2-
REL DIST T P M2 M3 V3
0.00000 0.009868 0.060966 -0.021635
2.62E-05 0.009868 -0.060966 0.021635
0.25000 0.009868 0.060966 -0.021635
2.62E-05 0.035831 -3.804553
0.50000 0.009868 0.060966 -0.021635
2.62E-05 0.008620 -3.881231
0.75000 0.009868 0.060966 -0.021635
2.62E-05 0.018591 -3.957909
1.00000 0.009868 0.060966 -0.021635
2.62E-05 0.045802 -4.034587

COMB SETTLE -MAX
REL DIST T P M2 M3 V3
0.00000 0.009868 0.060966 0.021635
2.62E-05 0.009868 -0.060966 0.021635
0.25000 0.009868 0.060966 0.021635
2.62E-05 0.035831 -3.804553
0.50000 0.009868 0.060966 0.021635
2.62E-05 0.008620 -3.881231
0.75000 0.009868 0.060966 0.021635
2.62E-05 0.018591 -3.957909
1.00000 0.009868 0.060966 0.021635
2.62E-05 0.045802 -4.034587

COMB SETTLE -MIN
REL DIST T P M2 M3 V3
0.00000 -0.009868 -0.060966 -0.048889
-2.62E-05 -0.009868 -0.060966 -0.048889
0.25000 -0.009868 -0.060966 -0.048889
-2.62E-05 -0.065144 -2.228177
0.50000 -0.009868 -0.060966 -0.048889
-2.62E-05 -0.000151 -2.300168
0.75000 -0.009868 -0.060966 -0.048889
-2.62E-05 0.057834 0.695312
1.00000 -0.009868 -0.060966 -0.048889
-2.62E-05 -0.085405 -1.434587

ELEM 258 ===== LENGTH
= 5.030817
LOAD -A1

REL DIST T P M2 M3 V3
0.00000 -1.43E-05 -0.000335 0.000567
-2.99E-07 0.001543 0.043449
0.25000 -1.43E-05 -0.000335 0.000567
-2.99E-07 0.000830 0.043870
0.50000 -1.43E-05 -0.000335 0.000567
-2.99E-07 0.000118 0.044292
0.75000 -1.43E-05 -0.000335 0.000567
-2.99E-07 -0.000595 0.044713
1.00000 -1.43E-05 -0.000335 0.000567
-2.99E-07 -0.001308 0.045135
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FRAME ELEMENT INTERNAL FORCES
LOAD -P1
REL DIST T P M2 M3 V3
0.00000 0.000190 0.001657 -0.003799
1.42E-06 -0.010118 -0.204855
0.25000 0.000190 0.001657 -0.003799
1.42E-06 -0.000340 -0.209339
0.50000 0.000190 0.001657 -0.003799
1.42E-06 -0.000562 -0.209023
0.75000 0.000190 0.001657 -0.003799
1.42E-06 0.000217 0.211008
1.00000 0.000190 0.001657 -0.003799
1.42E-06 0.008995 -0.213192

LOAD -P2
REL DIST T P M2 M3 V3
0.00000 -0.000394 -0.005699 0.012582
-4.99E-06 0.033586 0.705499
0.25000 -0.000394 -0.005699 0.012582
-4.99E-06 0.017761 0.712667
0.50000 -0.000394 -0.005699 0.012582
-4.99E-06 0.001936 0.719834
0.75000 -0.000394 -0.005699 0.012582
-4.99E-06 0.013889 0.727001
1.00000 -0.000394 -0.005699 0.012582
-4.99E-06 -0.029714 0.734168

LOAD -P3
REL DIST T P M2 M3 V3
0.00000 0.004068 0.019080 -0.036465
1.82E-05 0.009828 3.293627
0.25000 0.004068 0.019080 -0.036465
1.82E-05 0.004068 0.019080 -0.036465
0.50000 0.004068 0.019080 -0.036465
1.82E-05 0.006503 3.241662
0.75000 0.004068 0.019080 -0.036465
1.82E-05 0.039360 -2.455659
1.00000 0.004068 0.019080 -0.036465
1.82E-05 0.065223 2.479656

LOAD -P4
REL DIST T P M2 M3 V3
0.00000 -0.008495 -0.022430 -0.014990
-3.37E-05 0.029068 2.282506
0.25000 -0.008495 -0.022430 -0.014990
-3.37E-05 -0.010215 3.310716
0.50000 -0.008495 -0.022430 -0.014990
-3.37E-05 0.006386 3.359926
0.75000 -0.008495 -0.022430 -0.014990
-3.37E-05 0.027491 3.367137
1.00000 -0.008495 -0.022430 -0.014990
-3.37E-05 0.046344 3.395347

LOAD -P5
REL DIST T P M2 M3 V3
0.00000 0.004645 0.007726 0.042105
1.93E-05 0.102285 -1.442932
0.25000 0.004645 0.007726 0.042105
1.93E-05 0.049329 -1.425650
0.50000 0.004645 0.007726 0.042105
1.93E-05 -0.003628 -1.462367
0.75000 0.004645 0.007726 0.042105
1.93E-05 0.056584 1.472084
1.00000 0.004645 0.007726 0.042105
1.93E-05 -0.109540 -1.481801

LOAD -2N+1-
REL DIST T P M2 M3 V3
0.00000 -0.008903 -0.028464 -0.001841
-3.90E-05 0.006062 4.031454
0.25000 -0.008903 -0.028464 -0.001841
-3.90E-05 0.003777 4.067253
0.50000 -0.008903 -0.028464 -0.001841
-3.90E-05 0.010692 4.103052
0.75000 -0.008903 -0.028464 -0.001841
-3.90E-05 0.000726 4.138851
1.00000 -0.008903 -0.028464 -0.001841
-3.90E-05 0.015322 4.174649
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FRAME ELEMENT INTERNAL FORCES
LOAD -2N+2-
REL DIST T P M2 M3 V3
0.00000 0.008903 0.028464 0.001841
3.90E-05 0.006062 4.031454
0.25000 0.008903 0.028464 0.001841
3.90E-05 0.003777 4.067253
0.50000 0.008903 0.028464 0.001841
3.90E-05 0.010692 4.103052
0.75000 0.008903 0.028464 0.001841
3.90E-05 0.000726 4.138851
1.00000 0.008903 0.028464 0.001841
3.90E-05 0.015322 4.174649

COMB SETTLE -MAX
REL DIST T P M2 M3 V3
0.00000 0.008903 0.028464 0.001841
3.90E-05 0.006062 4.031454
0.25000 0.008903 0.028464 0.001841
3.90E-05 0.003777 4.067253
0.50000 0.008903 0.028464 0.001841
3.90E-05 0.010692 4.103052
0.75000 0.008903 0.028464 0.001841
3.90E-05 0.000726 4.138851
1.00000 0.008903 0.028464 0.001841
3.90E-05 0.015322 4.174649

COMB SETTLE -MIN
REL DIST T P M2 M3 V3
0.00000 -0.008903 -0.028464 -0.001841
-3.90E-05 -0.006062 -4.031454
0.25000 -0.008903 -0.028464 -0.001841
-3.90E-05 -0.003777 -4.067253
0.50000 -0.008903 -0.028464 -0.001841
-3.90E-05 -0.010692 -4.103052
0.75000 -0.008903 -0.028464 -0.001841
-3.90E-05 -0.000726 -4.138851
1.00000 -0.008903 -0.028464 -0.001841
-3.90E-05 -0.015322 -4.174649

ELEM 259 ===== LENGTH
= 5.031015

LOAD -A1
REL DIST T P M2 M3 V3
0.00000 -2.36E-05 0.000943 0.000296
2.04E-07 0.000854 0.045005
0.25000 -2.36E-05 0.000943 0.000296
-2.04E-07 0.000482 0.038119
0.50000 -2.36E-05 0.000943 0.000296
-2.04E-07 0.000019 0.030843
0.75000 -2.36E-05 0.000943 0.000296
-2.04E-07 -0.000263 0.041447
1.00000 -2.36E-05 0.000943 0.000296
-2.04E-07 -0.000636 0.040262

LOAD -P1
REL DIST T P M2 M3 V3
0.00000 0.000201 -0.004385 -0.002497
9.68E-07 -0.006799 -0.212242
0.25000 0.000201 -0.004385 -0.002497
9.68E-07 -0.003659 -0.206727
0.50000 0.000201 -0.004385 -0.002497
9.68E-07 -0.000519 -0.201211
0.75000 0.000201 -0.004385 -0.002497
9.68E-07 0.002621 -0.195696
1.00000 0.000201 -0.004385 -0.002497
9.6

0.50000 -0.007920 -0.090862 -0.035250
3.61E-05 -0.010108 3.950465 -0.035250
0.75000 -0.007920 -0.090862 -0.035250
-3.61E-05 -0.067363 -3.836184 -0.035250
1.00000 -0.007920 -0.090862 -0.035250
-3.61E-05 -0.131167 -3.721902 -0.035250

ELEM 260 ===== LENGTH
5.031257

LOAD -A1-----
REL DIST P M2 M3 V3
0.00000 -3.03E-05 0.000577 4.87E-05
-1.17E-07 0.000222 0.040210
0.25000 -3.03E-05 0.000577 4.87E-05
-1.17E-07 0.000160 0.039484
0.50000 -3.03E-05 0.000577 4.87E-05
-1.17E-07 9.91E-05 0.038758
0.75000 -3.03E-05 0.000577 4.87E-05
-1.17E-07 3.78E-05 0.038032
1.00000 -3.03E-05 0.000577 4.87E-05
-1.17E-07 -2.36E-05 0.037306

LOAD -P1-----
REL DIST P M2 M3 V3
0.00000 0.000214 -0.002659 -0.001309
5.56E-07 -0.003764 -0.189608 -0.001309
0.25000 0.000214 -0.002659 -0.001309
5.56E-07 -0.002117 -0.186264 -0.001309
0.50000 0.000214 -0.002659 -0.001309
5.56E-07 -0.000470 -0.182920 -0.001309
0.75000 0.000214 -0.002659 -0.001309
5.56E-07 0.001176 -0.179575 -0.001309
1.00000 0.000214 -0.002659 -0.001309
5.56E-07 0.002823 -0.176231 -0.001309

LOAD -P2-----
REL DIST P M2 M3 V3
0.00000 -0.000525 0.009191 0.003934
-2.09E-06 -0.005250 -0.151919 0.003934
0.25000 -0.000525 0.009191 0.003934
-2.09E-06 -0.005250 0.009191 0.003934
0.50000 -0.000525 0.009191 0.003934
-2.09E-06 -0.005250 0.009191 0.003934
0.75000 -0.000525 0.009191 0.003934
-2.09E-06 -0.005250 0.009191 0.003934
1.00000 -0.000525 0.009191 0.003934
-2.09E-06 -0.008273 0.060834

LOAD -P3-----
REL DIST P M2 M3 V3
0.00000 0.003258 -0.031398 -0.007529
1.09E-05 -0.024404 2.207050 -0.007529
0.25000 0.003258 -0.031398 -0.007529
1.09E-05 -0.014935 -2.167557 -0.007529
0.50000 0.003258 -0.031398 -0.007529
1.09E-05 -0.005465 -2.128084 -0.007529
0.75000 0.003258 -0.031398 -0.007529
1.09E-05 0.004004 -2.088571 -0.007529
1.00000 0.003258 -0.031398 -0.007529
1.09E-05 0.013473 -2.049078 -0.007529
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FRAME ELEMENT INTERNAL FORCES

LOAD -P4-----
REL DIST P M2 M3 V3
0.00000 -0.006721 0.046982 -0.053910
-2.55E-05 -0.012900 2.930268 -0.053910
0.25000 -0.006721 0.046982 -0.053910
-2.55E-05 -0.060391 2.981183 -0.053910
0.50000 -0.006721 0.046982 -0.053910
-2.55E-05 -0.007417 2.930268 -0.053910
0.75000 -0.006721 0.046982 -0.053910
-2.55E-05 0.007522 2.862994 -0.053910
1.00000 -0.006721 0.046982 -0.053910
-2.55E-05 0.143035 2.803900

LOAD -P5-----
REL DIST P M2 M3 V3
0.00000 0.003805 -0.022693 0.058765
1.63E-05 0.144628 1.336904 0.058765
0.25000 0.003805 -0.022693 0.058765
1.63E-05 0.070712 -1.308361 0.058765
0.50000 0.003805 -0.022693 0.058765
1.63E-05 -0.003204 1.279817 0.058765
0.75000 0.003805 -0.022693 0.058765
1.63E-05 -0.007719 1.251274 0.058765
1.00000 0.003805 -0.022693 0.058765
1.63E-05 -0.151035 -1.222731 0.058765

LOAD -2N+1-----
REL DIST P M2 M3 V3
0.00000 -0.007277 0.056750 -0.049928
-2.78E-05 -0.116459 3.733562 -0.049928
0.25000 -0.007277 0.056750 -0.049928
-2.78E-05 -0.053660 3.662182 -0.049928
0.50000 -0.007277 0.056750 -0.049928
-2.78E-05 0.009140 3.590801 -0.049928
0.75000 -0.007277 0.056750 -0.049928
-2.78E-05 0.018339 3.519420 -0.049928
1.00000 -0.007277 0.056750 -0.049928
-2.78E-05 0.134739 3.448039 -0.049928

LOAD -2N+2-----
REL DIST P M2 M3 V3
0.00000 0.007277 -0.056750 0.049928
2.78E-05 0.116459 -3.733562 0.049928
0.25000 0.007277 -0.056750 0.049928
2.78E-05 0.053660 -3.662182 0.049928
0.50000 0.007277 -0.056750 0.049928
2.78E-05 -0.009140 -3.590801 0.049928
0.75000 0.007277 -0.056750 0.049928
2.78E-05 -0.018339 -3.519420 0.049928
1.00000 0.007277 -0.056750 0.049928
2.78E-05 -0.134739 -3.448039 0.049928

COMB SETTLE ----- MAX
REL DIST P M2 M3 V3
0.00000 0.007277 0.056750 0.058765
2.78E-05 0.144628 3.733562 0.058765
0.25000 0.007277 0.056750 0.058765
2.78E-05 0.070712 3.662182 0.058765
0.50000 0.007277 0.056750 0.058765
2.78E-05 0.009140 3.590801 0.058765
0.75000 0.007277 0.056750 0.058765
2.78E-05 0.018339 3.519420 0.058765
1.00000 0.007277 0.056750 0.058765
2.78E-05 0.143035 3.448039 0.058765

COMB SETTLE ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.007277 -0.056750 -0.053910
-2.78E-05 -0.129200 -2.930268 -0.053910
0.25000 -0.007277 -0.056750 -0.053910
-2.78E-05 -0.060391 -2.981183 -0.053910
0.50000 -0.007277 -0.056750 -0.053910
-2.78E-05 -0.007417 -2.930268 -0.053910
0.75000 -0.007277 -0.056750 -0.053910
-2.78E-05 -0.007719 -2.930268 -0.053910
1.00000 -0.007277 -0.056750 -0.053910
-2.78E-05 -0.151035 -2.803900 -0.053910

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FRAME ELEMENT INTERNAL FORCES

ELEM 261 ===== LENGTH
5.030628
LOAD -A1-----
REL DIST P M2 M3 V3
0.00000 -3.31E-05 0.001187 -0.000172
2.64E-08 -0.000345 0.037325 -0.000172
0.25000 -3.31E-05 0.001187 -0.000172
-2.64E-08 -0.000129 0.035833 -0.000172
0.50000 -3.31E-05 0.001187 -0.000172
-2.64E-08 8.75E-05 0.034340 -0.000172
0.75000 -3.31E-05 0.001187 -0.000172
-2.64E-08 0.000304 0.032848 -0.000172
1.00000 -3.31E-05 0.001187 -0.000172
-2.64E-08 0.000521 0.031356 -0.000172

LOAD -P1-----
REL DIST P M2 M3 V3
0.00000 0.000209 -0.005537 -0.000249
1.26E-07 0.001044 -0.175909 -0.000249
0.25000 0.000209 -0.005537 -0.000249
1.26E-07 -0.000731 -0.169035 -0.000249
0.50000 0.000209 -0.005537 -0.000249
1.26E-07 -0.000417 -0.170272 -0.000249
0.75000 0.000209 -0.005537 -0.000249
1.26E-07 -0.000103 -0.155109 -0.000249
1.00000 0.000209 -0.005537 -0.000249
1.26E-07 0.000210 -0.148146 -0.000249

LOAD -P2-----
REL DIST P M2 M3 V3
0.00000 -0.000553 0.019104 0.000254
-5.66E-07 0.002078 0.866212 0.000254
0.25000 -0.000553 0.019104 0.000254
-5.66E-07 0.001758 0.582185 0.000254
0.50000 -0.000553 0.019104 0.000254
-5.66E-07 0.001438 0.558159 0.000254
0.75000 -0.000553 0.019104 0.000254
-5.66E-07 0.001118 0.534132 0.000254
1.00000 -0.000553 0.019104 0.000254
-5.66E-07 0.000798 0.510105 0.000254

LOAD -P3-----
REL DIST P M2 M3 V3
0.00000 0.003092 -0.064882 0.004790
4.86E-06 0.007205 -2.048701 0.004790
0.25000 0.003092 -0.064882 0.004790
4.86E-06 0.001181 -1.967102 0.004790
0.50000 0.003092 -0.064882 0.004790
4.86E-06 -0.004843 -1.885503 0.004790
0.75000 0.003092 -0.064882 0.004790
4.86E-06 0.010867 0.839004 0.004790
1.00000 0.003092 -0.064882 0.004790
4.86E-06 -0.016890 -1.722304 0.004790

LOAD -P4-----
REL DIST P M2 M3 V3
0.00000 -0.006549 0.092939 -0.070542
-1.69E-05 -0.170867 2.822767 -0.070542
0.25000 -0.006549 0.092939 -0.070542
-1.69E-05 -0.062149 2.705882 -0.070542
0.50000 -0.006549 0.092939 -0.070542
-1.69E-05 0.006569 2.588997 -0.070542
0.75000 -0.006549 0.092939 -0.070542
-1.69E-05 0.095287 2.471112 -0.070542
1.00000 -0.006549 0.092939 -0.070542
-1.69E-05 0.184005 2.355226 -0.070542

LOAD -P5-----
REL DIST P M2 M3 V3
0.00000 0.003834 -0.043111 0.065920
1.25E-05 0.162974 -1.241604 0.065920
0.25000 0.003834 -0.042811 0.065920
1.25E-05 0.080069 -1.187762 0.065920
0.50000 0.003834 -0.042811 0.065920
1.25E-05 -0.028351 -1.139320 0.065920
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 501 >

FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 M3 V3
0.75000 0.003834 -0.042811 0.065920
1.25E-05 -0.085740 -1.080079 0.065920
1.00000 0.003834 -0.042811 0.065920
1.25E-05 -0.168645 -1.026237 0.065920

LOAD -2N+1-----
REL DIST P M2 M3 V3
0.00000 -0.007136 0.113230 -0.070460
-1.75E-05 -0.169135 3.466304 -0.070460
0.25000 -0.007136 0.113230 -0.070460
-1.75E-05 -0.090520 3.323900 -0.070460
0.50000 -0.007136 0.113230 -0.070460
-1.75E-05 0.180895 3.181495 -0.070460
0.75000 -0.007136 0.113230 -0.070460
-1.75E-05 0.096710 3.039091 -0.070460
1.00000 -0.007136 0.113230 -0.070460
-1.75E-05 0.185325 2.896687 -0.070460

LOAD -2N+2-----
REL DIST P M2 M3 V3
0.00000 0.007136 -0.113230 0.070460
1.75E-05 0.169135 -3.466304 0.070460
0.25000 0.007136 -0.113230 0.070460
1.75E-05 0.080520 -3.323900 0.070460
0.50000 0.007136 -0.113230 0.070460
1.75E-05 0.008095 -3.181495 0.070460
0.75000 0.007136 -0.113230 0.070460
1.75E-05 0.039091 -3.039091 0.070460
1.00000 0.007136 -0.113230 0.070460
1.75E-05 -0.185325 -2.896687 0.070460

COMB SETTLE ----- MAX
REL DIST P M2 M3 V3
0.00000 0.007136 0.113230 0.070460
1.75E-05 0.169135 3.466304 0.070460
0.25000 0.007136 0.113230 0.070460
1.75E-05 0.080520 3.323900 0.070460
0.50000 0.007136 0.113230 0.070460
1.75E-05 0.008095 3.181495 0.070460
0.75000 0.007136 0.113230 0.070460
1.75E-05 0.039091 3.039091 0.070460
1.00000 0.007136 0.113230 0.070460
1.75E-05 0.185325 2.896687 0.070460

COMB SETTLE ----- MIN
REL DIST P M2 M3 V3
0.00000 -0.007136 -0.113230 -0.070542
-1.75E-05 -0.170867 -3.466304 -0.070542
0.25000 -0.007136 -0.113230 -0.070542
-1.75E-05 -0.082149 -3.323900 -0.070542

0.50000 -0.007136 -0.113230 -0.070542
-1.75E-05 -0.080895 -3.181495 -0.070542
0.75000 -0.007136 -0.113230 -0.070542
-1.75E-05 -0.096710 -3.039091 -0.070542
1.00000 -0.007136 -0.113230 -0.070542
-1.75E-05 -0.185325 -2.896687 -0.070542

ELEM 262 ===== LENGTH
5.031120

LOAD -A1-----
REL DIST P M2 M3 V3
0.00000 -3.20E-05 0.001198 -0.000360
5.08E-08 -0.000834 0.031437 -0.000360
0.25000 -3.20E-05 0.001198 -0.000360
5.08E-08 -0.000381 0.029931 -0.000360
0.50000 -3.20E-05 0.001198 -0.000360
5.08E-08 7.22E-05 0.028425 -0.000360
0.75000 -3.20E-05 0.001198 -0.000360
5.08E-08 0.000525 0.026918 -0.000360
1.00000 -3.20E-05 0.001198 -0.000360
5.08E-08 0.000979 0.025412 -0.000360
Program SAP2000 Nonlinear Version 7.42
File:상형S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 502 >

FRAME ELEMENT INTERNAL FORCES

LOAD -P1-----
REL DIST P M2 M3 V3
0.00000 0.000194 -0.005589 0.000654
-2.39E-07 0.001303 -0.148212 0.000654
0.25000 0.000194 -0.005589 0.000654
-2.39E-07 0.000480 -0.141182 0.000654
0.50000 0.000194 -0.005589 0.000654
-2.39E-07 -0.000343 -0.134153 0.000654
0.75000 0.000194 -0.005589 0.000654
-2.39E-07 0.001166 -0.127114 0.000654
1.00000 0.000194 -0.005589 0.000654
-2.39E-07 -0.001989 -0.120095 0.000654

LOAD -P2-----
REL DIST P M2 M3 V3
0.00000 -0.000542 0.019284 0.002882
7.28E-07 -0.006068 0.510518 -0.002882
0.25000 -0.000542 0.019284 -0.002882
7.28E-07 0.002442 0.486263 -0.002882
0.50000 -0.000542 0.019284 -0.002882
7.28E-07 0.001183 0.462007 -0.002882
0.75000 -0.000542 0.019284 -0.002882
7.28E-07 0.004808 0.437751 -0.002882
1.00000 -0.000542 0.019284 -0.002882
7.28E-07 0.008434 0.413496 -0.002882

LOAD -P3-----
REL DIST P M2 M3 V3
0.00000 0.002859 -0.065481 0.015287
-2.77E-07 0.034711 2.735392 0.015287
0.25000 0.002859 -0.065481 0.015287
-2.77E-07 0.015244 -1.643031 0.015287
0.50000 0.002859 -0.065481 0.015287
-2.77E-07 -1.50670 0.015287
0.75000 0.002859 -0.065481 0.015287
-2.77E-07 -0.023210 -1.478309 0.015287
1.00000 0.002859 -0.065481 0.015287
-2.77E-07 0.042437 -1.395948 0.015287

LOAD -P4-----
REL DIST P M2 M3 V3
0.00000 -0.006090 0.093750 -0.084654
-9.69E-06 -0.006090 2.737160 -0.084654
0.25000 -0.006090 0.093750 -0.084654
-9.69E-06 -0.101074 2.260843 -0.084654
0.50000 -0.006090 0.093750 -0.084654
-9.69E-06 -0.006090 2.140902 -0.084654
0.75000 -0.006090 0.093750 -0.084654
-9.69E-06 0.006090 0.093750 -0.084654
1.00000 -0.006090 0.093750 -0.084654
-9.69E-06 0.218355 1.907091 -0.084654

LOAD -P5-----
REL DIST P M2 M3 V3
0.00000 0.003612 -0.043161 0.071956
9.42E-06 0.178678 1.047111 0.071956
0.25000 0.003612 -0.043161 0.071956
9.42E-06 0.088173 0.992823 0.071956
0.50000 0.003612 -0.043161 0.071956
9.42E-06 0.002331 -0.938534 0.071956
0.75000 0.003612 -0.043161 0.071956
9.42E-06 -0.092836 -0.884245 0.071956
1.00000 0.003612 -0.043161 0.071956
9.42E-06 -0.183341 -0.829956 0.071956

LOAD -2N+1-----
REL DIST P M2 M3 V3
0.00000 -0.006665 0.114232 -0.087897
-8.91E-06 -0.214453 2.920715 -0.087897
0.25000 -0.006665 0.114232 -0.087897
-8.91E-06 0.180898 2.777036 -0.087897
0.50000 -0.006665 0.114232 -0.087897
-8.91E-06 0.006665 2.633357 -0.087897
0.75000 -0.006665 0.114232 -0.087897
-8.91E-06 0.01912 2.489778 -0.087897
1.00000 -0.006665 0.114232 -0.087897
-8.91E-06 0.227767 2.345999 -0.087897
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 503 >

FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-----
REL DIST P M2 M3 V3
0.00000 0.006665 -0.114232 0.087897
8.91E-06 0.214453 2.920715 0.087897
0.25000 0.006665 -0.114232 0.087897
8.91E-0

7.15E-06 0.133454 1.937459 0.101931
1.00000 0.006045 0.115906
7.15E-06 0.261652 1.791686
COMB SETTLE ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.006045 -0.115906 -0.101931
-4.69E-06 -0.251137 -2.374779
0.25000 -0.001534 0.019620 -0.101931
-4.69E-06 -0.122940 -2.229006
0.50000 -0.006045 -0.115906 -0.101931
-4.69E-06 -0.005257 -2.083232
0.75000 -0.159060 0.015120 -0.101931
-4.69E-06 -0.133454 -1.937459
1.00000 -0.006045 -0.115906 -0.101931
-4.69E-06 -0.261652 1.791686

ELEM 264 ----- LENGTH
= 5.030492

LOAD -A1 -----
REL DIST T P M2 M3 V2 V3
0.00000 -2.15E-05 0.001188 -0.000626
1.96E-07 -0.001534 0.019620
0.25000 -2.15E-05 0.001188 -0.000626
1.96E-07 -0.001534 0.019620
0.50000 -2.15E-05 0.001188 -0.000626
1.96E-07 -4.10E-05 0.016614
0.75000 -2.15E-05 0.001188 -0.000626
1.96E-07 -0.000828 0.015120
1.00000 -2.15E-05 0.001188 -0.000626
1.96E-07 0.001616 0.013626

LOAD -P1 -----
REL DIST T P M2 M3 V2 V3
0.00000 0.000126 -0.005544 0.001933
-9.26E-07 0.004666 -0.092357
0.25000 0.000126 -0.005544 0.001933
-9.26E-07 0.002235 0.085385
0.50000 0.000126 -0.005544 0.001933
-9.26E-07 -0.000196 -0.078413
0.75000 0.000126 -0.005544 0.001933
-9.26E-07 0.002626 0.071440
1.00000 0.000126 -0.005544 0.001933
-9.26E-07 -0.005057 -0.064468

LOAD -P2 -----
REL DIST T P M2 M3 V2 V3
0.00000 -0.000380 0.019133 -0.007318
3.12E-06 0.0181732 0.0181732
0.25000 -0.000380 0.019133 -0.007318
3.12E-06 -0.008529 0.294106
0.50000 -0.000380 0.019133 -0.007318
3.12E-06 0.270044 0.019133
0.75000 -0.000380 0.019133 -0.007318
3.12E-06 0.009877 0.245982
1.00000 -0.000380 0.019133 -0.007318
3.12E-06 0.019061 0.221920

LOAD -P3 -----
REL DIST T P M2 M3 V2 V3
0.00000 0.001985 -0.064961 0.030116
-8.84E-06 0.073486 0.015582
0.25000 0.001985 -0.064961 0.030116
-8.84E-06 0.035611 -0.993886
0.50000 0.001985 -0.064961 0.030116
-8.84E-06 -0.002644 0.012190
0.75000 0.001985 -0.064961 0.030116
-8.84E-06 -0.040139 -0.830493
1.00000 0.001985 -0.064961 0.030116
-8.84E-06 -0.078014 -0.748797
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 506 >
F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P4 -----
REL DIST T P M2 M3 V2 V3
0.00000 -0.004769 0.093047 -0.104448
5.59E-07 -0.001717 0.486409
0.25000 -0.004769 0.093047 -0.104448
5.59E-07 -0.128360 1.369390
0.50000 -0.004769 0.093047 -0.104448
5.59E-07 0.002997 0.252722
0.75000 -0.004769 0.093047 -0.104448
5.59E-07 0.134353 1.35353
1.00000 -0.004769 0.093047 -0.104448
5.59E-07 0.265710 1.018335

LOAD -P5 -----
REL DIST T P M2 M3 V2 V3
0.00000 0.003060 -0.042863 0.080343
5.89E-06 0.000830 -0.065623
0.25000 0.003060 -0.042863 0.080343
5.89E-06 0.009789 -0.602333
0.50000 0.003060 -0.042863 0.080343
5.89E-06 -0.001252 0.548427
0.75000 0.003060 -0.042863 0.080343
5.89E-06 -0.102293 -0.494521
1.00000 0.003060 -0.042863 0.080343
5.89E-06 -0.203334 -0.440615

LOAD -2N+1-----
REL DIST T P M2 M3 V2 V3
0.00000 -0.005171 0.113368 -0.112392
3.87E-06 -0.278982 1.824178
0.25000 -0.005171 0.113368 -0.112392
3.87E-06 -0.137635 1.681604
0.50000 -0.005171 0.113368 -0.112392
3.87E-06 0.003712 1.539029
0.75000 -0.005171 0.113368 -0.112392
3.87E-06 -0.145059 1.396455
1.00000 -0.005171 0.113368 -0.112392
3.87E-06 0.286406 1.253880

LOAD -2N+2-----
REL DIST T P M2 M3 V2 V3
0.00000 0.005171 -0.113368 0.112392
-3.87E-06 0.278982 1.824178
0.25000 0.005171 -0.113368 0.112392
-3.87E-06 0.137635 1.681604
0.50000 0.005171 -0.113368 0.112392
-3.87E-06 0.003712 1.539029
0.75000 0.005171 -0.113368 0.112392
-3.87E-06 0.145059 1.396455
1.00000 0.005171 -0.113368 0.112392
-3.87E-06 0.286406 1.253880

COMB SETTLE ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.005171 0.113368 0.112392
5.89E-06 0.278982 1.824178
0.25000 0.005171 0.113368 0.112392
5.89E-06 0.137635 1.681604
0.50000 0.005171 0.113368 0.112392
5.89E-06 0.003712 1.539029
0.75000 0.005171 0.113368 0.112392
5.89E-06 0.145059 1.396455
1.00000 0.005171 0.113368 0.112392
5.89E-06 0.286406 1.253880

COMB SETTLE ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.005171 0.113368 0.112392
5.89E-06 0.278982 1.824178
0.25000 0.005171 0.113368 0.112392
5.89E-06 0.137635 1.681604
0.50000 0.005171 0.113368 0.112392
5.89E-06 0.003712 1.539029
0.75000 0.005171 0.113368 0.112392
5.89E-06 0.145059 1.396455
1.00000 0.005171 0.113368 0.112392
5.89E-06 0.286406 1.253880

REL DIST T P M2 M3 V2 V3
0.00000 -0.005171 -0.113368 -0.112392
-8.84E-06 -0.278982 1.824178
0.25000 -0.005171 -0.113368 -0.112392
-8.84E-06 -0.137635 1.681604
0.50000 -0.005171 -0.113368 -0.112392
-8.84E-06 -0.003712 1.539029
0.75000 -0.005171 -0.113368 -0.112392
-8.84E-06 -0.145059 1.396455
1.00000 -0.005171 -0.113368 -0.112392
-8.84E-06 -0.286406 1.253880
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 507 >
F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 265 ----- LENGTH
= 5.031359
LOAD -A1 -----
REL DIST T P M2 M3 V2 V3
0.00000 -1.03E-05 0.000872 -0.000719
2.74E-07 -0.001770 0.018259
0.25000 -1.03E-05 0.000872 -0.000719
2.74E-07 -0.000865 0.012732
0.50000 -1.03E-05 0.000872 -0.000719
2.74E-07 -3.98E-05 0.011635
0.75000 -1.03E-05 0.000872 -0.000719
2.74E-07 0.000945 0.010538
1.00000 -1.03E-05 0.000872 -0.000719
2.74E-07 0.001849 0.009441

LOAD -P1 -----
REL DIST T P M2 M3 V2 V3
0.00000 7.07E-05 -0.004057 0.002367
-1.05E-06 0.005780 -0.014012
0.25000 7.07E-05 -0.004057 0.002367
-1.29E-06 0.002802 -0.060016
0.50000 7.07E-05 -0.004057 0.002367
-1.05E-06 0.001176 -0.054913
0.75000 7.07E-05 -0.004057 0.002367
-1.29E-06 -0.003153 -0.049810
1.00000 7.07E-05 -0.004057 0.002367
-1.29E-06 -0.06131 -0.044706

LOAD -P2 -----
REL DIST T P M2 M3 V2 V3
0.00000 -0.000212 0.014012 -0.008833
4.37E-06 -0.021606 0.224366
0.25000 -0.000212 0.014012 -0.008833
4.37E-06 -0.010496 0.206742
0.50000 -0.000212 0.014012 -0.008833
4.37E-06 0.000614 0.189117
0.75000 -0.000212 0.014012 -0.008833
4.37E-06 0.011724 0.171493
1.00000 -0.000212 0.014012 -0.008833
4.37E-06 0.022835 0.153869

LOAD -P3 -----
REL DIST T P M2 M3 V2 V3
0.00000 0.001231 -0.07642 0.035255
-1.29E-05 0.086553 -0.758688
0.25000 0.001231 -0.07642 0.035255
-1.29E-05 0.042207 -0.658762
0.50000 0.001231 -0.07642 0.035255
-1.29E-05 -0.002138 -0.638835
0.75000 0.001231 -0.07642 0.035255
-1.29E-05 -0.046484 -0.578909
1.00000 0.001231 -0.07642 0.035255
-1.29E-05 -0.090829 -0.518983

LOAD -P4 -----
REL DIST T P M2 M3 V2 V3
0.00000 -0.003304 0.069079 -0.112136
4.02E-06 -0.278379 1.051040
0.25000 -0.003304 0.069079 -0.112136
4.02E-06 0.137330 0.069079
0.50000 -0.003304 0.069079 -0.112136
4.02E-06 0.003719 0.877261
0.75000 -0.003304 0.069079 -0.112136
4.02E-06 0.144768 0.704171
1.00000 -0.003304 0.069079 -0.112136
4.02E-06 0.285817 0.703481

LOAD -P5 -----
REL DIST T P M2 M3 V2 V3
0.00000 0.002224 -0.032263 0.084065
5.53E-06 0.209422 -0.465428
0.25000 0.002224 -0.032263 0.084065
5.53E-06 0.103682 -0.424846
0.50000 0.002224 -0.032263 0.084065
5.53E-06 -0.002059 -0.384265
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 508 >
F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T P M2 M3 V2 V3
0.00000 0.002224 -0.032263 0.084065
5.53E-06 -0.107800 -0.243884
1.00000 0.002224 -0.032263 0.084065
5.53E-06 -0.213540 -0.303102

LOAD -2N+1-----
REL DIST T P M2 M3 V2 V3
0.00000 -0.003526 0.083962 -0.121688
8.67E-06 -0.301755 1.289235
0.25000 -0.003526 0.083962 -0.121688
8.67E-06 -0.148691 1.183624
0.50000 -0.003526 0.083962 -0.121688
8.67E-06 0.004373 0.078013
0.75000 -0.003526 0.083962 -0.121688
8.67E-06 0.157437 0.972402
1.00000 -0.003526 0.083962 -0.121688
8.67E-06 0.310501 0.866791

LOAD -2N+2-----
REL DIST T P M2 M3 V2 V3
0.00000 0.003526 -0.083962 0.121688
-8.67E-06 0.301755 1.289235
0.25000 0.003526 -0.083962 0.121688
-8.67E-06 0.148691 1.183624
0.50000 0.003526 -0.083962 0.121688
-8.67E-06 0.004373 0.078013
0.75000 0.003526 -0.083962 0.121688
-8.67E-06 0.157437 0.972402
1.00000 0.003526 -0.083962 0.121688
-8.67E-06 0.310501 0.866791

COMB SETTLE ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.003526 0.083962 0.121688
8.67E-06 0.301755 1.289235
0.25000 0.003526 0.083962 0.121688
8.67E-06 0.148691 1.183624
0.50000 0.003526 0.083962 0.121688
8.67E-06 0.004373 0.078013
0.75000 0.003526 0.083962 0.121688
8.67E-06 0.157437 0.972402
1.00000 0.003526 0.083962 0.121688
8.67E-06 0.310501 0.866791

8.67E-06 0.157437 0.972402 0.121688
1.00000 0.003526 0.083962
8.67E-06 0.310501 0.866791
COMB SETTLE ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -0.003526 -0.083962 -0.121688
1.29E-05 -0.301755 1.289235
0.25000 -0.003526 -0.083962 -0.121688
1.29E-05 -0.148691 1.183624
0.50000 -0.003526 -0.083962 -0.121688
1.29E-05 -0.004373 0.078013
0.75000 -0.003526 -0.083962 -0.121688
1.29E-05 -0.157437 -0.972402
1.00000 -0.003526 -0.083962 -0.121688
1.29E-05 -0.310501 -0.866791

ELEM 266 ----- LENGTH
= 5.030246

LOAD -A1 -----
REL DIST T P M2 M3 V2 V3
0.00000 4.37E-08 0.001482 -0.000630
3.82E-07 -0.001699 0.009655
0.25000 4.37E-08 0.001482 -0.000630
3.82E-07 -0.000907 0.007792
0.50000 4.37E-08 0.001482 -0.000630
3.82E-07 -0.000115 0.005929
0.75000 4.37E-08 0.001482 -0.000630
3.82E-07 0.000677 0.004066
1.00000 4.37E-08 0.001482 -0.000630
3.82E-07 0.001469 0.002202
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 509 >
F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P1 -----
REL DIST T P M2 M3 V2 V3
0.00000 1.99E-05 -0.006931 0.002133
-1.80E-06 0.005739 -0.045420
0.25000 1.99E-05 -0.006931 0.002133
-1.80E-06 0.003056 -0.036703
0.50000 1.99E-05 -0.006931 0.002133
-1.80E-06 0.000373 -0.027987
0.75000 1.99E-05 -0.006931 0.002133
-1.80E-06 0.002309 0.019270
1.00000 1.99E-05 -0.006931 0.002133
-1.80E-06 0.004992 -0.010553

LOAD -P2 -----
REL DIST T P M2 M3 V2 V3
0.00000 -5.01E-05 0.023910 -0.007909
6.11E-06 -0.021290 0.156521
0.25000 -5.01E-05 0.023910 -0.007909
6.11E-06 0.001344 0.126453
0.50000 -5.01E-05 0.023910 -0.007909
6.11E-06 -0.001398 0.096385
0.75000 -5.01E-05 0.023910 -0.007909
6.11E-06 0.008547 0.068317
1.00000 -5.01E-05 0.023910 -0.007909
6.11E-06 0.018493 0.036249

LOAD -P3 -----
REL DIST T P M2 M3 V2 V3
0.00000 0.000492 -0.081111 0.031141
-1.83E-05 0.083937 -0.529487
0.25000 0.000492 -0.081111 0.031141
-1.83E-05 0.044775 -0.427485
0.50000 0.000492 -0.081111 0.031141
-1.83E-05 0.005613 -0.325482
0.75000 0.000492 -0.081111 0.031141
-1.83E-05 -0.033549 -0.223480
1.00000 0.000492 -0.081111 0.031141
-1.83E-05 0.027111 -0.121478

LOAD -P4 -----
REL DIST T P M2 M3 V2 V3
0.00000 -0.001611 0.115195 -0.094975
7.23E-06 -0.001149 0.736113
0.25000 -0.001611 0.115195 -0.094975
7.23E-06 -0.137631 0.591249
0.50000 -0.001611 0.115195 -0.094975
7.23E-06 0.001894 0.444194
0.75000 -0.001611 0.115195 -0.094975
7.23E-06 0.101243 0.301520
1.00000 -0.001611 0.115195 -0.094975
7.23E-06 0.220680 0.156656

LOAD -P5 -----
REL DIST T P M2 M3 V2 V3
0.00000 0.001149 -0.062543 0.070239
6.35E-06 0.190382 -0.327382
0.25000 0.001149 -0.062543 0.070239
6.35E-06 0.102052 -0.261305
0.50000 0.001149 -0.062543 0.070239
6.35E-06 0.013721 -0.195229
0.75000 0.001149 -0.062543 0.070239
6.35E-06 -0.074609 -0.129153
1.00000 0.001149 -0.062543 0.070239
6.35E-06 -0.162940 -0.063076

LOAD -2N+1-----
REL DIST T P M2 M3 V2 V3
0.00000 -0.001661 0.140586 -0.103514
1.37E-05 -0.280057 0.902289
0.25000 -0.001661 0.140586 -0.103514
1.37E-05 -0.106982 0.725493
0.50000 -0.001661 0.140586 -0.103514
1.37E-05 -0.019708 0.548698
0.75000 -0.001661 0.140586 -0.103514
1.37E-05 0.110467 0.371903
1.00000 -0.001661 0.140586 -0.103514
1.37E-05 0.240642 0.195107
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

< UNEQUAL Page SETTLEMENT 510 >
F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2-----
REL DIST T P M2 M3 V2 V3
0.00000 0.001661 -0.140586 0.103514
-1.37E-05 0.280057 -0.902289
0.25000 0.001661 -0.140586 0.103514
-1.37E-05 0.106982 -0.725493
0.50000 0.001661 -0.140586 0.103514
-1.37E-05 0.019708 -0.548698
0.75000 0.001661 -0.140586 0.103514
-1.37E-05 -0.110467 -0.371903
1.00000 0.001661 -0.140586 0.103514
-1.37E-05 -0.240642 -0.195107

COMB SETTLE ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.001661 0.140586 0.103514
1.37E-05 0.280057 0.902289
0.25000 0.001661 0.140586 0.103514
1.37E-05 0.106982 0.725493

0.50000 0.001661 0.140586 0.103514
1.37E-05 0.019708 0.548698

512

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	M2	M3	V2	V3
0.25000	0.001622	0.198420	0.992860		
1.94E-05	0.340211	0.177586			
0.50000	0.001622	0.198420	0.992860		
1.94E-05	0.340563	0.102689			
0.75000	0.001622	0.198420	0.992860		
1.94E-05	0.409337	0.027791			
1.00000	0.001622	0.198420	0.992860		
1.94E-05	0.784111	0.047106			
COMB SETTLE ----- MIN					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.001622	-0.198420	-0.992860		
-2.55E-05	-0.714985	-0.252484			
0.25000	-0.001622	-0.198420	-0.992860		
-2.55E-05	-0.340211	-0.177586			
0.50000	-0.001622	-0.198420	-0.992860		
-2.55E-05	-0.034563	-0.102689			
0.75000	-0.001622	-0.198420	-0.992860		
-2.55E-05	-0.409337	-0.027791			
1.00000	-0.001622	-0.198420	-0.992860		
-2.55E-05	-0.784111	-0.047106			
ELEM 268 ===== LENGTH					
1.100000					
LOAD -A1 -----					
REL DIST	P	M2	M3	V2	V3
0.00000	13.710119	0.000000		-8.73E-11	
0.00000	-5.82E-11	0.000000			
0.25000	13.710119	0.000000		-8.73E-11	
0.00000	-3.42E-11	0.000000			
0.50000	13.710119	0.000000		-8.73E-11	
0.00000	-1.02E-11	0.000000			
0.75000	13.710119	0.000000		-8.73E-11	
0.00000	1.38E-11	0.000000			
1.00000	13.710119	0.000000		-8.73E-11	
0.00000	3.78E-11	0.000000			
LOAD -P1 -----					
REL DIST	P	M2	M3	V2	V3
0.00000	-30.637782	1.86E-09	1.16E-10		
0.00000	1.16E-10	9.31E-10			
0.25000	-30.637782	1.86E-09	1.16E-10		
0.00000	8.44E-11	4.19E-10			
0.50000	-30.637782	1.86E-09	1.16E-10		
0.00000	5.24E-11	-9.31E-11			
0.75000	-30.637782	1.86E-09	1.16E-10		
1.00000	-2.04E-11	-6.05E-10			
0.00000	30.637782	1.86E-09	1.16E-10		
0.00000	-1.16E-11	-1.12E-09			
LOAD -P2 -----					
REL DIST	P	M2	M3	V2	V3
0.00000	21.982630	0.000000		-3.64E-12	
0.00000	-1.46E-11	0.000000			
0.25000	21.982630	0.000000		-3.64E-12	
0.00000	-1.36E-11	0.000000			
0.50000	21.982630	0.000000		-3.64E-12	
0.00000	-1.26E-11	0.000000			
0.75000	21.982630	0.000000		-3.64E-12	
0.00000	-1.16E-11	0.000000			
1.00000	21.982630	0.000000		-3.64E-12	
0.00000	-1.06E-11	0.000000			
LOAD -P3 -----					
REL DIST	P	M2	M3	V2	V3
0.00000	-6.525269	-4.66E-10	0.000000		
0.00000	0.000000	-9.31E-10			
0.25000	-6.525269	-4.66E-10	0.000000		
0.00000	-6.525269	-4.66E-10			
0.50000	-6.525269	-4.66E-10	0.000000		
0.00000	0.000000	-6.75E-10			
0.75000	-6.525269	-4.66E-10	0.000000		
0.00000	0.000000	-5.47E-10			
1.00000	-6.525269	-4.66E-10	0.000000		
0.00000	0.000000	-4.19E-10			
Program SAP2000 Nonlinear Version 7.42					
File:상형S11-S1504.OUT					
< UNEQUAL SETTLEMENT 513 >					

FRAME ELEMENT INTERNAL FORCES

LOAD	P	M2	M3	V2	V3
REL DIST	P	M2	M3	V2	V3
0.00000	1.794046	1.16E-10	0.000000		
0.00000	0.000000	1.75E-10			
0.25000	1.794046	1.16E-10	0.000000		
0.00000	0.000000	1.43E-10			
0.50000	1.794046	1.16E-10	0.000000		
0.00000	0.000000	1.16E-10			
0.75000	1.794046	1.16E-10	0.000000		
0.00000	0.000000	7.86E-11			
1.00000	1.794046	1.16E-10	0.000000		
0.00000	0.000000	4.66E-11			
LOAD -P5 -----					
REL DIST	P	M2	M3	V2	V3
0.00000	-0.323945	0.000000	-3.64E-12		
0.00000	9.09E-13	-2.91E-11			
0.25000	-0.323945	0.000000	-3.64E-12		
0.00000	1.91E-12	-2.91E-11			
0.50000	-0.323945	0.000000	-3.64E-12		
0.00000	-2.91E-12	-2.91E-11			
0.75000	-0.323945	0.000000	-3.64E-12		
0.00000	3.91E-12	-2.91E-11			
1.00000	-0.323945	0.000000	-3.64E-12		
0.00000	4.91E-12	-2.91E-11			
LOAD -2N+1 -----					
REL DIST	P	M2	M3	V2	V3
0.00000	37.486996	-4.66E-10	-2.91E-11		
0.00000	-5.82E-11	4.66E-10			
0.25000	37.486996	-4.66E-10	-2.91E-11		
0.00000	-5.02E-11	5.94E-10			
0.50000	37.486996	-4.66E-10	-2.91E-11		
0.00000	0.000000	7.22E-10			
0.75000	37.486996	-4.66E-10	-2.91E-11		
0.00000	-3.42E-11	8.50E-10			
1.00000	37.486996	-4.66E-10	-2.91E-11		
0.00000	-2.62E-11	9.78E-10			
LOAD -2N+2 -----					
REL DIST	P	M2	M3	V2	V3
0.00000	-37.486996	0.000000	1.46E-11		
0.00000	5.42E-11	-4.66E-10			
0.25000	-37.486996	0.000000	1.46E-11		
0.00000	4.66E-10	0.000000			
0.50000	-37.486996	0.000000	1.46E-11		
0.00000	-4.66E-10	0.000000			
0.75000	-37.486996	0.000000	1.46E-11		
0.00000	4.62E-11	-4.66E-10			
1.00000	-37.486996	0.000000	1.46E-11		
0.00000	4.22E-11	-4.66E-10			
COMB SETTLE ----- MAX					
REL DIST	P	M2	M3	V2	V3
0.00000	37.486996	1.86E-09	1.16E-10		

COMB SETTLE ----- MAX

REL DIST

0.00000

117.513351

6.98E-10

1.31E-10

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8.91E-11

9.31E-10

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REL DIST P M2 V2 V3
0.00000 119.425649 0.049407 0.888156
0.00000 1.065787 0.059288
0.25000 119.425649 0.049407 0.888156
0.00000 0.799341 0.044466
0.50000 119.425649 0.049407 0.888156
0.00000 0.532894 0.029644
0.75000 119.425649 0.049407 0.888156
0.00000 0.266447 0.014822
1.00000 119.425649 0.049407 0.888156
0.00000 -8.73E-12 4.66E-11

COMB SETTLE -MAX

REL DIST P M2 V2 V3
0.00000 119.425649 0.050357 0.905235
0.00000 1.085282 0.060423
Program SAP2000 Nonlinear Version 7.42
File:상행S11-S1504.OUT

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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.25000 119.425649 0.050357 0.905235
0.00000 0.814711 0.054321
0.50000 119.425649 0.050357 0.905235
0.00000 0.543141 0.030214
0.75000 119.425649 0.050357 0.905235
0.00000 0.271570 0.015107
1.00000 119.425649 0.050357 0.905235
0.00000 1.75E-11 3.26E-10

COMB SETTLE -MIN

REL DIST P M2 V2 V3
0.00000 -119.425649 -0.049407 -0.888156
0.00000 -1.065787 -0.059288
0.25000 -119.425649 -0.049407 -0.888156
0.00000 -0.799341 -0.044466
0.50000 -119.425649 -0.049407 -0.888156
0.00000 -0.532894 -0.029644
0.75000 -119.425649 -0.049407 -0.888156
0.00000 -0.266447 -0.014822
1.00000 -119.425649 -0.049407 -0.888156
0.00000 -1.60E-11 -1.05E-10

ELEM 276 ===== LENGTH = 1.200000

LOAD -A1

REL DIST P M2 V2 V3
0.00000 21.240028 -2.134367 0.074479
0.00000 0.089375 -2.561240
0.25000 21.240028 -2.134367 0.074479
0.00000 0.067032 -1.920934
0.50000 21.240028 -2.134367 0.074479
0.00000 0.044688 -1.280620
0.75000 21.240028 -2.134367 0.074479
0.00000 0.024044 -0.840410
1.00000 21.240028 -2.134367 0.074479
0.00000 1.00E-12 5.82E-12

LOAD -P1

REL DIST P M2 V2 V3
0.00000 -73.039619 -0.029779 -0.433728
0.00000 -0.520473 -0.035735
0.25000 -73.039619 -0.029779 -0.433728
0.00000 -0.390355 -0.026781
0.50000 -73.039619 -0.029779 -0.433728
0.00000 -0.260237 -0.017868
0.75000 -73.039619 -0.029779 -0.433728
0.00000 -0.130118 -0.008934
1.00000 -73.039619 -0.029779 -0.433728
0.00000 -8.73E-12 4.19E-10

LOAD -P2

REL DIST P M2 V2 V3
0.00000 103.302013 -0.082145 0.854049
0.00000 1.024859 -0.098574
0.25000 103.302013 -0.082145 0.854049
0.00000 0.768644 -0.073931
0.50000 103.302013 -0.082145 0.854049
0.00000 0.512429 -0.049287
0.75000 103.302013 -0.082145 0.854049
0.00000 0.256215 -0.024644
1.00000 103.302013 -0.082145 0.854049
0.00000 7.27E-13 1.41E-17

LOAD -P3

REL DIST P M2 V2 V3
0.00000 -74.280627 0.408414 -0.400722
0.00000 -0.480866 0.000000
0.25000 -74.280627 0.408414 -0.400722
0.00000 -0.360650 0.367572
0.50000 -74.280627 0.408414 -0.400722
0.00000 -0.240433 0.245048
0.75000 -74.280627 0.408414 -0.400722
0.00000 -0.120217 0.122524
1.00000 -74.280627 0.408414 -0.400722
0.00000 9.64E-13 -1.40E-10
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

LOAD -P4

REL DIST P M2 V2 V3
0.00000 27.715134 -0.309448 -0.094752
0.00000 -0.113702 -0.371337
0.25000 27.715134 -0.309448 -0.094752
0.00000 -0.085277 -0.278503
0.50000 27.715134 -0.309448 -0.094752
0.00000 -0.056851 -0.185689
0.75000 27.715134 -0.309448 -0.094752
0.00000 -0.028426 -0.092834
1.00000 27.715134 -0.309448 -0.094752
0.00000 7.28E-13 4.66E-11

LOAD -P5

REL DIST P M2 V2 V3
0.00000 -4.936929 2.147325 0.000673
0.00000 2.517608 0.000000
0.25000 -4.936929 2.147325 0.000673
0.00000 0.000606 1.932592
0.50000 -4.936929 2.147325 0.000673
0.00000 0.000404 1.288395
0.75000 -4.936929 2.147325 0.000673
0.00000 0.000202 0.644197
1.00000 -4.936929 2.147325 0.000673
0.00000 2.05E-13 -1.46E-11

LOAD -2N+1-

REL DIST P M2 V2 V3
0.00000 152.257175 -2.525959 0.833776
0.00000 1.000532 -3.031151
0.25000 152.257175 -2.525959 0.833776
0.00000 0.750399 -2.273364
0.50000 152.257175 -2.525959 0.833776
0.00000 0.500266 -1.515576
0.75000 152.257175 -2.525959 0.833776

0.00000 0.250133 -0.757788
1.00000 152.257175 -2.525959 0.833776
0.00000 1.82E-12 1.24E-11
LOAD -2N+2-

REL DIST P M2 V2 V3
0.00000 -152.257175 2.525959 -0.833776
0.00000 -1.000532 3.031151
0.25000 -152.257175 2.525959 -0.833776
0.00000 0.750399 2.273364
0.50000 -152.257175 2.525959 -0.833776
0.00000 0.500266 1.515576
0.75000 -152.257175 2.525959 -0.833776
0.00000 -0.500266 1.515576
1.00000 -152.257175 2.525959 -0.833776
0.00000 -0.250133 0.757788
0.00000 -152.257175 2.525959 -0.833776
0.00000 -4.37E-12 -2.40E-11

COMB SETTLE -MAX

REL DIST P M2 V2 V3
0.00000 152.257175 2.525959 0.854049
0.00000 1.024859 3.031151
0.25000 152.257175 2.525959 0.854049
0.00000 0.768644 2.525959
0.50000 152.257175 2.525959 0.854049
0.00000 0.512429 1.515576
0.75000 152.257175 2.525959 0.854049
0.00000 0.256215 0.757788
1.00000 152.257175 2.525959 0.854049
0.00000 1.82E-12 4.19E-10

COMB SETTLE -MIN

REL DIST P M2 V2 V3
0.00000 -152.257175 -2.525959 -0.833776
0.00000 -1.000532 -3.031151
0.25000 -152.257175 -2.525959 -0.833776
0.00000 -0.750399 -2.273364
0.50000 -152.257175 -2.525959 -0.833776
0.00000 -0.500266 -1.515576
0.75000 -152.257175 -2.525959 -0.833776
0.00000 -0.250133 -0.757788
1.00000 -152.257175 -2.525959 -0.833776
0.00000 -4.37E-12 -2.40E-11
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

ELEM 277 ===== LENGTH = 1.200000

LOAD -A1

REL DIST P M2 V2 V3
0.00000 -6.190558 8.85E-05 0.024730
0.00000 0.029676 0.000106
0.25000 -6.190558 8.85E-05 0.024730
0.00000 0.022257 7.96E-05
0.50000 -6.190558 8.85E-05 0.024730
0.00000 0.014838 5.31E-05
0.75000 -6.190558 8.85E-05 0.024730
0.00000 0.007419 2.65E-05
1.00000 -6.190558 8.85E-05 0.024730
0.00000 7.28E-13 4.66E-11

LOAD -P1

REL DIST P M2 V2 V3
0.00000 29.348376 7.42E-05 0.020750
0.00000 0.024900 8.91E-05
0.25000 29.348376 7.42E-05 0.020750
0.00000 0.018675 6.68E-05
0.50000 29.348376 7.42E-05 0.020750
0.00000 0.012450 4.45E-05
0.75000 29.348376 7.42E-05 0.020750
0.00000 0.006225 2.23E-05
1.00000 29.348376 7.42E-05 0.020750
0.00000 6.91E-12 3.26E-10

LOAD -P2

REL DIST P M2 V2 V3
0.00000 -74.305556 -0.001907 -0.532923
0.00000 -0.030507 -0.002028
0.25000 -74.305556 -0.001907 -0.532923
0.00000 -0.479630 -0.001716
0.50000 -74.305556 -0.001907 -0.532923
0.00000 -0.310754 -0.001716
0.75000 -74.305556 -0.001907 -0.532923
0.00000 -0.159877 -0.000572
1.00000 -74.305556 -0.001907 -0.532923
0.00000 7.64E-12 6.98E-10

LOAD -P3

REL DIST P M2 V2 V3
0.00000 101.102458 0.003117 0.871275
0.00000 1.045530 0.003741
0.25000 101.102458 0.003117 0.871275
0.00000 0.784147 0.002806
0.50000 101.102458 0.003117 0.871275
0.00000 0.522785 0.001870
0.75000 101.102458 0.003117 0.871275
0.00000 0.261382 0.000935
1.00000 101.102458 0.003117 0.871275
0.00000 9.09E-12 -5.59E-10

LOAD -P4

REL DIST P M2 V2 V3
0.00000 -66.889340 -0.001339 -0.374312
0.00000 -0.449174 -0.001607
0.25000 -66.889340 -0.001339 -0.374312
0.00000 0.336881 -0.001205
0.50000 -66.889340 -0.001339 -0.374312
0.00000 -0.224587 -0.000804
0.75000 -66.889340 -0.001339 -0.374312
0.00000 0.112294 -0.000402
1.00000 -66.889340 -0.001339 -0.374312
0.00000 -1.24E-11 -3.73E-10

LOAD -P5

REL DIST P M2 V2 V3
0.00000 16.934620 -3.41E-05 -0.009520
0.00000 -0.011424 -4.09E-05
0.25000 16.934620 -3.41E-05 -0.009520
0.00000 0.000568 -3.07E-05
0.50000 16.934620 -3.41E-05 -0.009520
0.00000 -0.005712 -2.04E-05
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST P M2 V2 V3
0.75000 16.934620 -3.41E-05 -0.009520
0.00000 0.002866 -1.02E-05
1.00000 16.934620 -3.41E-05 -0.009520
LOAD -2N+1-
REL DIST P M2 V2 V3
0.00000 -147.385454 -0.003158 -0.882504

0.00000 -1.059005 -0.003789
0.25000 -147.385454 -0.003158 -0.882504
0.00000 -0.794254 -0.002842
0.50000 -147.385454 -0.003158 -0.882504
0.00000 -0.529503 -0.001895
0.75000 -147.385454 -0.003158 -0.882504
0.00000 -0.264751 -0.000947
1.00000 -147.385454 -0.003158 -0.882504
0.00000 -6.00E-12 1.75E-11

LOAD -2N+2-

REL DIST P M2 V2 V3
0.00000 147.385454 0.003158 0.882504
0.00000 1.059005 0.003789
0.25000 147.385454 0.003158 0.882504
0.00000 0.794254 0.002842
0.50000 147.385454 0.003158 0.882504
0.00000 0.529503 0.001895
0.75000 147.385454 0.003158 0.882504
0.00000 0.264751 0.000947
1.00000 147.385454 0.003158 0.882504
0.00000 1.00E-11 -4.37E-11

COMB SETTLE -MAX

REL DIST P M2 V2 V3
0.00000 147.385454 0.003158 0.882504
0.00000 1.059005 0.003789
0.25000 147.385454 0.003158 0.882504
0.00000 0.794254 0.002842
0.50000 147.385454 0.003158 0.882504
0.00000 0.529503 0.001895
0.75000 147.385454 0.003158 0.882504
0.00000 0.264751 0.000947
1.00000 147.385454 0.003158 0.882504
0.00000 1.00E-11 6.98E-10

COMB SETTLE -MIN

REL DIST P M2 V2 V3
0.00000 -147.385454 -0.003158 -0.882504
0.00000 -1.059005 -0.003789
0.25000 -147.385454 -0.003158 -0.882504
0.00000 -0.794254 -0.002842
0.50000 -147.385454 -0.003158 -0.882504
0.00000 -0.529503 -0.001895
0.75000 -147.385454 -0.003158 -0.882504
0.00000 -0.264751 -0.000947
1.00000 -147.385454 -0.003158 -0.882504
0.00000 -1.00E-11 5.59E-10

ELEM 278 ===== LENGTH = 1.200000

LOAD -A1

REL DIST P M2 V2 V3
0.00000 1.696332 3.75E-05 -0.001672
0.00000 -0.002006 4.50E-05
0.25000 1.696332 3.75E-05 -0.001672
0.00000 1.696332 3.75E-05 -0.001672
0.00000 -0.001003 2.25E-05
0.75000 1.696332 3.75E-05 -0.001672
0.00000 0.000451 1.12E-05
1.00000 1.696332 3.75E-05 -0.001672
0.00000 5.46E-13 -1.51E-10
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

LOAD -P1

REL DIST P M2 V2 V3
0.00000 -8.015076 0.000463 -0.020631
0.00000 -0.024757 0.000555
0.25000 -8.015076 0.000463 -0.020631
0.00000 -0.018568 0.000416
0.50000 -8.015076 0.000463 -0.020631
0.00000 -0.012378 0.000278
0.75000 -8.015076 0.000463 -0.020631
0.00000 -0.006189 0.000139
1.00000 -8.015076 0.000463 -0.020631
0.00000 -4.37E-12 -9.31E-11

LOAD -P2

REL DIST P M2 V2 V3
0.00000 27.858735 -0.003449 0.153760
0.00000 0.184512 -0.004139
0.25000 27.858735 -0.003449 0.153760
0.00000 0.388644 -0.003104
0.50000 27.858735 -0.003449 0.153760
0.00000 0.092256 -0.002069
0.75000 27.858735 -0.003449 0.153760
0.00000 0.014283 -0.001255
1.00000 27.858735 -0.003449 0.153760
0.00000 9.08E-13 -6.98E-11

LOAD -P3

REL DIST P M2 V2 V3
0.00000 -67.242255 0.014363 -0.640302
0.00000 -0.768363 0.017235
0.25000 -67.242255 0.014363 -0.640302
0.00000 0.576722 0.012926
0.50000 -67.242255 0.014363 -0.640302
0.00000 -0.384181 0.008618
0.75000 -67.242255 0.014363 -0.640302
0.00000 -0.192091 0.004309
1.00000 -67.242255 0.014363 -0.640302
0.00000 1.16E-11 -2.79E-10

LOAD -P4

REL DIST P M2 V2 V3
0.00000 74.861921 -0.020853 0.929654
0.00000 1.115585 -0.025024
0.25000 74.861921 -0.020853 0.929654
0.00000 0.836689 -0.018768
0.50000 74.861921 -0.020853 0.929654
0.00000 0.012512 -0.000853
0.75000 74.861921 -0.020853 0.929654
0.00000 0.788986 -0.006256
1.00000 74.861921 -0.020853 0.929654
0.00000 1.16E-12 -1.86E-10

LOAD -P5

REL DIST P M2 V2 V3
0.00000 -29.159657 0.009439 -0.420810
0.00000 0.013080 0.004972
0.25000 -29.159657 0.009439 -0.420810
0.00000 -0.378729 0.008495
0.50000 -29.159657 0.009439 -0.420810
0.00000 0.000486 0.000333
0.75000 -29.159657 0.009439 -0.420810
0.00000 -0.126243 0.002832
1.00000 -29.159657 0.009439 -0.420810
0.00000 7.28E-13 -2.56E-10

```
.000000 -0.603217 0.029091
0.250000 -26.813097 0.026446 -0.548379
.000000 -0.452413 0.021818
0.500000 -26.813097 0.026446 -0.548379
.000000 -0.301608 0.014545
0.750000 -26.813097 0.026446 -0.548379
.000000 -0.150804 0.007273
1.000000 -26.813097 0.026446 -0.548379
.000000 3.64E-11 -4.66E-10

LOAD -2N+2- -----
REL DIST P V2 V3
T M2 M3
0.00000 26.813097 -0.026446 0.548379
.000000 0.603217 -0.029091
0.25000 26.813097 -0.026446 0.548379
.000000 0.452413 -0.021818
0.50000 26.813097 -0.026446 0.548379
.000000 0.301608 -0.014545
0.75000 26.813097 -0.026446 0.548379
.000000 0.150804 -0.007273
1.00000 26.813097 -0.026446 0.548379
.000000 -3.35E-11 -5.59E-10

COMB SETTLE ----- MAX
REL DIST P V2 V3
T M2 M3
0.00000 26.813097 0.026446 0.548379
1.14E-13 0.603217 0.029091
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UNEQUAL SETTLEMENT 533 >

F R A M E E L E M E N T I N T E R N A
L F O R C E S
REL DIST P V2 V3
T M2 M3
0.25000 26.813097 0.026446 0.548379
1.14E-13 0.452413 0.021818
0.50000 26.813097 0.026446 0.548379
1.14E-13 0.301608 0.014545
0.75000 26.813097 0.026446 0.548379
1.14E-13 0.150804 0.007273
1.00000 26.813097 0.026446 0.548379
1.14E-13 7.70E-11 3.73E-10

COMB SETTLE ----- MIN
REL DIST P V2 V3
T M2 M3
0.00000 -26.813097 -0.026446 -0.548379
.000000 -0.603217 -0.029091
0.25000 -26.813097 -0.026446 -0.548379
.000000 -0.452413 -0.021818
0.50000 -26.813097 -0.026446 -0.548379
.000000 -0.301608 -0.014545
0.75000 -26.813097 -0.026446 -0.548379
.000000 -0.150804 -0.007273
1.00000 -26.813097 -0.026446 -0.548379
.000000 -4.95E-11 -5.59E-10
```