

■ 청도2교 부산방향(S5~S7)

상부 output

S A P 2 0 0 0 (R)

Programs Structural Analysis

Nonlinear Version 7.42

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7 Dec 2015 03:19:17

Program SAP2000 Nonlinear Version 7.42

File:2교부산방향S1-S401.OUT

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

DISPLACEMENT DEGREES OF FREEDOM

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

JOINTS U1 U2 U3 R1 R2 R3

1 TO 135 A A A A A A

136 TO 137 A A A A A A

138 A A A A A A

139 TO 140 A A A A A A

141 TO 142 A A A A A A

143 A A A A A A

144 TO 145 A A A A A A

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File:2교부산방향S1-S401.OUT

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

TOTAL ASSEMBLED JOINT MASSES

IN GLOBAL COORDINATES

UX UY UZ

TOTAL .000000 .000000 .000000

.000000 .000000 .000000

TOTAL ACCELERATED MASS AND LOCATION

TOTAL MASS ACTIVATED BY ACCELERATION

IN GLOBAL COORDINATES

UX UY UZ

MASS .000000 .000000 .000000

X-LOC .000000 .000000 .000000

Y-LOC .000000 .000000 .000000

Z-LOC .000000 .000000 .000000

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File:2교부산방향S1-S401.OUT

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD STEEL -----

JOINT R1 R2 U1 R3 U2 U3

1 -4.63E-06 -0.00127 -2.36E-07

0.000169 0.001734 -4.68E-06 -0.007639

2 -0.000200 -0.00127 -0.007639

0.000173 0.001800 -4.39E-06 -0.014858

3 -0.000383 -0.000126 -0.014858

0.000162 0.001242 -3.67E-06 -0.020033

4 -0.000516 -0.000122 -0.020033

0.000143 0.000810 -2.74E-06 -0.023010

5 -0.000591 -0.000116 -0.023010

0.000120 0.000357 -1.68E-06 -0.023651

6 -0.000806 -0.000108 -0.023651

9.30E-05 -0.001111 -5.86E-07 -0.022026

7 -0.000564 -9.85E-05 -0.022026

6.75E-05 -0.000536 3.94E-07 -0.018418

8 -0.000471 -8.74E-05 -0.018418

4.26E-05 -0.000904 1.18E-06 -0.013236

9 -7.00E-05 -4.80E-05 -0.013236

2.30E-05 -0.001133 1.64E-06 -0.007554

10 -0.000194 -6.66E-05 -0.007554

1.53E-05 -0.001088 1.65E-06 -0.002811

11 -7.39E-05 -5.61E-05 -0.002811

1.96E-05 -0.000778 1.26E-06 -8.82E-07

12 -2.93E-06 6.46E-07 -8.82E-07

3.09E-05 -0.000332 6.46E-07 0.000612

13 1.45E-05 -4.17E-05 0.000612

4.43E-05 5.15E-05 -5.09E-08 -0.000302

14 -7.65E-06 -3.74E-05 -0.000302

5.41E-05 0.000295 -7.52E-05 -0.002175

15 -3.45E-05 -0.002175 -0.002175

6.12E-05 0.000429 -1.46E-06 -0.004334

16 -0.000109 -3.61E-05 -0.004334

6.38E-05 0.000401 -2.00E-06 -0.005980

17 -0.000150 -3.88E-05 -0.005980

6.28E-05 0.000239 -2.21E-06 -0.006642

18 -0.000167 -4.24E-05 -0.006642

5.97E-05 1.75E-05 -2.31E-06 -0.006160

19 -0.000154 -2.40E-06 -0.006160

5.75E-05 -0.000207 -2.20E-06 -0.004673

20 -0.000117 -5.00E-05 -0.004673

5.14E-05 -0.000374 -1.99E-06 -0.002635

21 -6.53E-05 -5.31E-05 -0.002635

4.77E-05 -0.000414 -1.72E-06 -0.000815

22 -1.96E-05 -5.51E-05 -0.000815

4.49E-05 -0.000290 -1.44E-06 -6.27E-07

23 2.92E-06 2.58E-05 -6.27E-07

4.30E-05 2.24E-08 -1.09E-06 -0.000815

24 -1.93E-05 -5.49E-05 -0.000815

4.48E-05 0.000290 -7.95E-07 -0.002635

25 -6.49E-05 -5.24E-05 -0.002635

4.77E-05 0.000414 -6.21E-07 -0.004673

26 -0.000161 -4.81E-05 -0.004673

5.15E-05 0.000374 -4.83E-07 -0.006160

27 -0.000153 -4.39E-05 -0.006160

5.57E-05 0.000207 -3.90E-07 -0.006642

28 -0.000165 -3.84E-05 -0.006642

5.98E-05 -1.75E-05 -3.82E-07 -0.005979

29 -0.000148 -3.27E-05 -0.005979

6.29E-05 -0.000239 -5.23E-07 -0.004335

30 -0.000107 -2.80E-05 -0.004335

6.40E-05 -0.000401 -8.87E-07 -0.002176

31 -5.22E-05 -2.59E-05 -0.002176

6.13E-05 -0.000429 -1.52E-06 -0.000302

32 -5.30E-06 2.81E-05 -0.000302

5.42E-05 -0.000295 -2.32E-06 0.000612

33 1.73E-05 -3.45E-05 0.000612

4.44E-05 -5.15E-05 -3.12E-06 -8.82E-07

34 6.71E-07 -4.83E-05 -8.82E-07

3.10E-05 0.000332 -3.96E-05 -0.002811

35 6.92E-05 6.70E-05 -0.002811

1.96E-05 0.000778 -4.85E-06 -0.007553

36 -0.000187 -9.09E-05 -0.007553

1.52E-05 0.001088 -5.58E-06 -0.013236

37 -0.000331 -0.000117 -0.013236

2.29E-05 0.001133 -5.91E-06 -0.018417

38 -0.000400 -0.000142 -0.018417

4.24E-05 0.000904 -5.73E-06 -0.022025

39 -0.000551 -0.000162 -0.022025

6.74E-05 0.000536 -5.15E-06 -0.023650

40 -0.000591 -0.000176 -0.023650

9.33E-05 0.000111 -4.28E-06 -0.023009

41 0.000111 -0.000181 -0.023009

0.000119 -0.000357 -2.32E-06 -0.020033

42 -0.000497 -0.000177 -0.020033

0.000143 -0.000810 -2.13E-06 -0.014858

43 -0.000365 -0.000166 -0.014858

0.000162 -0.001242 -1.05E-06 -0.007639

44 -0.000182 -0.000147 -0.007639

0.000173 -0.001600 -8.47E-08 -2.36E-07

45 1.21E-05 -0.000127 -2.36E-07

0.000169 -0.001734 4.70E-07 -2.50E-07

46 5.17E-06 -0.000128 -2.50E-07

9.79E-05 0.000176 -4.31E-06 -0.007791

47 -0.000194 -0.000135 -0.007791

9.50E-05 0.001628 -3.81E-06 -0.015147

48 -0.000381 -0.000140 -0.015147

7.87E-05 0.001263 -2.64E-06 -0.000117

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File:2교부산방향S1-S401.OUT

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT R1 R2 U1 R3 U2 U3

49 -0.000516 -0.000141 -0.020414

5.57E-05 0.000825 -1.19E-06 -0.023439

50 -0.000593 -0.000138 -0.023439

3.04E-05 0.000366 3.38E-07 -0.024087

51 -0.000809 -0.000130 -0.024087

2.57E-06 -0.000108 1.87E-06 -0.022429

52 -0.000567 -0.000118 -0.022429

-2.43E-05 -0.000539 3.24E-06 -0.018754

53 -0.000474 -0.000104 -0.018754

-4.94E-05 -0.000912 4.34E-06 -0.013476

54 -0.000340 -8.81E-05 -0.013476

-6.93E-05 -0.001144 9.49E-05 -0.007690

55 -0.000193 -7.25E-05 -0.007690

-7.70E-05 -0.001098 4.93E-06 -0.002863

56 -7.20E-05 -5.89E-05 -0.002863

-7.09E-05 -0.000784 4.20E-06 -8.80E-07

57 1.30E-07 -4.85E-05 -8.80E-07

-5.68E-05 -0.000304 3.22E-06 0.000626

58 1.75E-05 -4.12E-05 0.000626

-4.53E-05 5.45E-05 2.27E-06 -0.000301

59 -4.95E-06 -3.74E-05 -0.000301

-3.73E-05 0.000300 1.37E-06 -0.002205

60 -5.22E-05 -3.70E-05 -0.002205

-3.14E-05 0.000436 5.81E-05 -0.004400

61 -0.000108 -3.94E-05 -0.004400

-2.90E-05 0.000408 5.11E-08 -0.006073

62 -0.000150 -4.34E-05 -0.006073

-3.02E-05 0.000244 -8.45E-08 -0.006747

63 -0.000167 -4.76E-05 -0.006747

-3.33E-05 1.94E-05 5.12E-05 -0.006258

64 -0.000155 -5.12E-05 -0.006258

-3.70E-05 -0.000208 3.33E-07 -0.004748

65 -0.000117 -5.37E-05 -0.004748

-4.05E-05 -0.000377 6.60E-07 -0.002677

66 -6.58E-05 -5.51E-05 -0.002677

-4.32E-05 -0.000145 9.35E-05 -0.000828

67 -1.97E-05 -5.57E-05 -0.000828

-4.41E-05 -0.000293 1.08E-06 -6.27E-07

68 -8.26E-09 -5.57E-05 -6.27E-07

-4.36E-05 -9.33E-09 1.15E-06 -0.000828

69 -1.97E-05 -5.54E-05 -0.000828

-4.41E-05 0.000293 1.23E-06 -0.002677

70 6.60E-05 -5.45E-05 -0.002677

-4.33E-05 0.000418 1.36E-06 -0.004749

71 -0.000118 -5.25E-05 -0.004749

-4.06E-05 0.000377 1.57E-06 -0.006259

72 -0.000156 -4.89E-05 -0.006259

-3.70E-05 0.000208 1.82E-06 -0.006747

73 -0.000169 -4.37E-05 -0.006747

-3.32E-05 -1.94E-05 2.02E-06 -0.006074

74 -0.000124 -3.74E-05 -0.006074

-3.01E-05 -0.000244 2.06E-06 -0.004401

75 -0.000110 -3.13E-05 -0.004401

-2.88E-05 -0.000408 1.83E-06 -0.002206

76 -5.55E-05 -2.74E-05 -0.002206

<

74	-0.000435	-0.000260	-0.017394	-0.000317	-0.000721	8.92E-06	.000000	REL_DIST	T	M2	P	M3	V2	V3	REL_DIST	T	M2	P	M3	V2	V3
-0.000129	-0.000633	6.84E-06		143	5.65E-25	-0.000539		0.00000	0.00000	10.184993	-330.571738	-0.163831			0.00000	0.824377	90.529349		445.2442	-0.174677	
-0.000129	-0.000325	-0.000243	-0.012952	-0.000195	-2.72E-08	6.64E-06	.000000	51.946956	6.344145	1692.517		-0.163831			0.25000	0.193895	115.194776		10235.455	-0.174677	
-0.000129	-0.000175	-0.000229	-0.006962	-0.000317	0.000721	-2.44E-06	.000000	0.25000	9.717913	-312.298627		-0.163831			0.25000	-6.410827	4327.428				
-0.000144	-0.001206	5.60E-06		145	0.000515	1.64E-05	.000000	51.946956	-6.138977	2095.113		-0.163831			0.50000	-0.436587	139.860204			-0.174677	
77	-4.30E-05	-0.000226	-0.001629	0.000344	-0.004284	1.29E-05	7.42	0.50000	9.236631	-293.469852		-0.163831			-12.533773	-6.192080	4167.726				
-0.00168	-0.000862	3.40E-06		Program	SAP2000	Nonlinear	Version	51.946956	-5.933809	2474.477		-0.163831			0.75000	-1.067069	164.525631			-0.174677	
78	2.60E-05	-0.000239	0.001173	File:2교부산방향S1-S401.OUT				51.946956	8.741144	-274.085412					-12.533773	-5.973332	3977.135				
-0.00195	-0.000226	6.42E-06						51.946956	-5.726641	2829.914					1.00000	-1.697551	189.191059			-0.174677	
79	-6.39E-06	-0.000270	-2.07E-06					1.00000	8.231455	-254.145307		-0.163831			-12.533773	-5.754584	3755.656				
-0.000225	0.000755	-2.44E-06		< BEFORE COMPOSITE SELF-WEIGHT LOAD >				51.946956	-5.523473	3160.728											
80	-0.000174	-0.000321	-0.006765																		
-0.000258	0.001877	-5.57E-06		RESTRAINT FORCES (REACTIONS)																	
81	-0.000463	-0.000390	-0.018429																		
-0.000265	0.002658	-8.12E-06		FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES																	
82	-0.000815	-0.000465	-0.032449																		
-0.000233	0.002763	-8.99E-06		LOAD STEEL																	
83	-0.001133	-0.000534	-0.045187																		
-0.000172	0.002191	-7.91E-06		JOINT																	
84	-0.001356	-0.000586	-0.054016																		
-0.000103	0.001290	-5.51E-06		M1	M2	F1	F2	F3													
85	-0.001456	-0.000615	-0.058001																		
-3.43E-05	0.000260	-2.37E-06	-0.056482																		
86	-0.001418	-0.000618																			
3.31E-05	-0.000871	1.26E-06																			
87	-0.001237	-0.000594	-0.049283																		
9.20E-05	-0.001971	4.98E-06																			
88	-0.000919	-0.000545	-0.036670																		
0.000144	-0.003039	8.57E-06																			
89	-0.000475	-0.000474	-0.018917																		
0.000180	-0.003947	1.15E-05																			
90	1.59E-07	-0.000397	-6.40E-07																		
0.000190	-0.002933	1.29E-05																			
91	-1.25E-06	-0.000414	-0.000401																		
0.000304	0.004571	-0.000383																			
92	-0.000486	-0.000437	-0.019160																		
0.000325	0.003807	-0.000285																			
93	-0.000394	-0.000451	-0.036696																		
0.000332	0.003036	-0.000231																			
94	-0.001256	-0.000456	-0.049181																		
0.000299	0.001937	-0.000150																			
95	-0.001438	-0.000451	-0.056309																		
0.000252	0.000853	-6.81E-05																			
96	-0.001476	-0.000437	-0.057824																		
0.000190	-0.000258	1.76E-05																			
97	-0.001376	-0.000416	-0.053900																		
0.000121	-0.001288	9.59E-05																			
98	-0.001151	-0.000390	-0.045187																		
4.95E-05	-0.002178	0.000165																			
Program	SAP2000	Nonlinear	Version	51.946956	-5.523473	3160.728															
File:2교부산방향S1-S401.OUT																					
< BEFORE COMPOSITE SELF-WEIGHT LOAD >																					
JOINT DISPLACEMENTS																					
TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES																					
JOINT	R1	R2	U1	U2	U3																
-1.59E-05	-0.000829	0.000362	-0.032623																		
100	-0.000474	-0.000336	-0.018801																		
-5.48E-05	-0.002629	0.000204	-0.007293																		
101	-0.000180	0.000145	-0.000576																		
-6.37E-05	-0.001874	0.000145	-0.000576																		
102	-7.00E-06	-0.000295	-0.000576																		
-4.10E-05	-0.000759	5.86E-05	0.000568																		
103	2.27E-05	-0.000286	0.000568																		
-3.17E-06	0.000219	-1.72E-05	-0.002179																		
104	-4.70E-06	-0.000280	-0.002179																		
3.82E-05	0.000842	-6.56E-05	-0.007419																		
105	-0.000181	-0.000280	-0.007419																		
7.45E-05	0.001180	-9.30E-05	-0.013313																		
106	-0.000332	-0.000284	-0.013313																		
9.51E-05	0.001081	-8.52E-05	-0.017694																		
107	-0.000044	-0.000290	-0.017694																		
0.000100	0.000622	-4.91E-05	-0.019326																		
108	-0.000486	-0.000296	-0.019326																		
9.28E-05	1.02E-05	-1.39E-06	-0.017816																		
109	-0.000447	-0.000302	-0.017816																		
7.54E-05	-0.000601	4.66E-05	-0.013574																		
110	-0.000338	-0.000306	-0.013574																		
5.07E-05	-0.001051	8.25E-05	-0.007872																		
111	-0.000193	-0.000309	-0.007872																		
2.33E-05	-0.001140	9.06E-05	-0.002835																		
112	-6.42E-05	-0.000311	-0.002835																		
-2.85E-06	-0.000805	6.45E-05	-0.000573																		
113	-6.39E-06	-0.000312	-0.000573																		
-1.37E-05	-5.32E-09	6.16E-07	-0.002835																		
114	-6.36E-05	-0.000315	-0.002835																		
-2.97E-06	0.000805	-6.41E-05	-0.007873																		
115	-0.000193	-0.000314	-0.007873																		
2.31E-05	0.001140	-9.19E-05	-0.013575																		
116	-0.000337	-0.000310	-0.013575																		
5.07E-05	0.001051	-8.56E-05	-0.017816																		
117	-0.000446	-0.000302	-0.017816																		
7.54E-05	0.000601	-5.09E-05	-0.019327																		
118	-0.000485	-0.000289	-0.019327																		
9.30E-05	1.03E-05	-3.36E-06	-0.017696</																		

1.00000	-13.914882	587.184131	-0.116083
-39.937518	4.129661	-4148.958	
LOAD CONC			
REL_DIST	M2	P	V2
T	M3		V3
0.00000	-28.922305	1227.668	-0.011481
-154.120144	8.070145	-3534.575	
0.25000	30.252239	1279.705	-0.011481
-163.699181	8.084525	-5104.804	
0.50000	-31.582173	1331.742	-0.011481
-173.278218	8.098905	-6740.208	
0.75000	-32.912107	1383.779	-0.011481
-182.857254	8.113285	-8440.789	
1.00000	34.242040	1435.816	-0.011481
-192.436291	8.127664	-10206.544	
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Page				
< BEFORE COMPOSITE SELF-WEIGHT LOAD >				
15				
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	11	LENGTH =		
5.009343				
LOAD STEEL -----				
REL	T	P	V2	V3
DIST	M2	M3		
0.00000	-14.901029	603.130417		-0.231981
-33.458480	5.411996	-4149.005		
0.25000	-15.603278	630.391176		-0.231981
-33.458480	5.702514	-4921.164		
0.50000	-16.362808	659.875547		-0.231981
-33.458480	5.993032	-5728.856		
0.75000	-17.179619	691.583530		-0.231981
-33.458480	6.283550	-6574.864		
1.00000	-18.053711	725.515125		-0.231981
-33.458480	6.574068	-7461.974		

LOAD CONC			
REL_DIST	M2	P	V2
T	M3		V3
0.00000	-36.652907	1475.200	-0.590229
-127.754455	10.003092	-12026.890	
0.25000	-37.993223	1527.230	-0.590229
-137.332320	10.742257	-12086.906	
0.50000	-39.333540	1579.260	-0.590229
-146.910184	11.481422	-14032.090	
0.75000	-40.673857	1631.290	-0.590229
-156.488049	12.220587	-16042.434	
1.00000	-42.014174	1683.320	-0.590229
-166.065913	12.959752	-18117.937	

ELEM	12	=====		LENGTH =
5.008695				
LOAD	STEEL	-----		
REL	T	P	V2	V3
DIST	M2	M3		
0.00000	17.768038	-678.060491		0.135512
0.057131	7.461115	-746.1981		
0.25000	16.872298	-643.021272		0.135512
0.057131	6.204432	-6634.869		
0.50000	15.976559	-607.982054		0.135512
0.057131	6.034748	-5851.632		
0.75000	15.980819	-572.942836		0.135512
0.057131	6.965063	-112.271		
1.00000	14.185080	-537.903618		0.135512
0.057131	5.695379	-4416.784		

LOAD CONC			
REL_DIST	M2	P	V2
T	M3		V3
0.00000	38.874682	-1486.798	-0.223518
83.659422	8.135018	-18117.943	
0.25000	37.544748	-1434.774	-0.223518
74.082797	8.414901	-16268.785	
0.50000	36.214815	-1382.750	-0.223518
64.506172	8.694785	-14524.770	
0.75000	34.884881	-1330.726	-0.223518
54.929548	8.974668	-12825.898	
1.00000	33.554948	-1278.703	-0.223518
45.352923	9.254552	-11192.168	

ELEM	13	===== LENGTH =		
5.009155				
LOAD STEEL -----				
REL	STEEL			
T	M2	P	V2	V3
0.00000	13.935375	-523.424211		0.098527
12.407984	5.312175	-4416.767		
0.25000	13.058502	-489.385958		0.098527
12.407984	5.188791	-3782.811		
0.50000	12.233449	-457.355357		0.098527
12.407984	5.065407	-3190.224		
0.75000	11.459916	-427.332407		0.098527
12.407984	4.942023	-2636.491		
1.00000	10.738203	-399.317109		0.098527
12.407984	4.618639	-2119.098		
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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	M2	P	V2
T	M3		V3
0.00000	32.958349	-1242.870	-0.358315
125.746902	6.932360	-11191.890	
0.25000	31.618032	-1190.842	-0.358315
118.169398	7.381074	-9688.035	
0.50000	30.277115	-1138.814	-0.358315
106.591895	7.829787	-8209.335	
0.75000	28.937398	-1086.785	-0.358315
97.014391	8.278500	-1085.789	
1.00000	27.597082	-6314.757	-0.358315
87.436887	8.727213	-5487.397	

ELEM	14	=====	LENGTH =
5.009649			
LOAD STEEL -----			
REL_DIST	M2	P	V2
T	M3		V3
0.00000	10.434159	-384.076156	0.112997
15.231592	4.219109	-2119.080	
0.25000	9.767377	-357.988230	0.112997
15.231592	4.077590	-1654.588	
0.50000	9.147955	-333.753290	0.112997
15.231592	3.936070	-1221.609	
0.75000	8.575894	-311.371335	0.112997
15.231592	3.794551	-817.821304	
1.00000	8.051194	-290.842367	0.112997

15.231592	3.653031	-440.904780	
LOAD CONC			
REL_DIST	M2	P	V2
T	M3		V3
0.00000	26.768701	-992.393541	-0.232874
128.218377	6.243748	-5487.130	
0.25000	25.438767	-940.359745	-0.232874
118.639928	6.58402	-4278.828	
0.50000	24.108834	-888.325949	-0.232874
109.061479	6.827056	-3131.694	
0.75000	22.778900	-836.292153	-0.232874
99.483030	7.118709	-2051.727	
1.00000	21.448966	-784.258357	-0.232874
89.904581	7.410363	-1036.928	

ELEM	15	=====				LENGTH =
5.009222						
LOAD STEEL						
REL	STEEL		P	V2		V3
T	M2	M3				
0.00000	7.965878	-275.720736				0.143379
13.576913	2.914536	-440.894497				
0.00000	7.463731	-256.228233				0.143379
13.576913	2.734982	-107.835768				
0.50000	6.967153	-236.951921				0.143379
13.576913	2.555428	-200.947760				
0.75000	6.476144	-217.891802				0.143379
13.576913	2.375873	-485.726829				
1.00000	5.990705	-199.047875				0.143379
13.576913	2.196319	-746.772177				

LOAD CONC			
REL_DIST	M2	P	V2
T	M3		V3
0.00000	21.112606	-738.965971	-0.002354
106.960478	4.839703	-1036.702	
0.25000	19.772289	-686.937154	-0.002354
97.382846	4.842650	-643.869110	
0.50000	18.431972	-634.908336	-0.002354
87.905215	4.845596	-683.800920	
0.75000	17.091655	-582.879518	-0.002354
78.227583	4.848545	-1446.329	
1.00000	15.751338	-530.850700	-0.002354
68.649951	4.851492	-214.694	
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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	16	=====	LENGTH =
5.009800			
LOAD	STEEL	-----	

LOAD CONC			
REL_DIST	M2	P	V2
T	M3		V3
0.00000	15.124929	-486.170578	0.074572
75.743440	2.735085	-2143.842	
0.25000	13.794996	-434.135212	0.074572
66.164702	2.641687	-2720.161	
0.50000	12.465062	-382.098845	0.074572
56.589595	2.548989	-3231.308	
0.75000	11.135128	-330.064479	0.074572
47.007227	2.454891	-3677.283	
1.00000	9.805194	-278.029112	0.074572
37.428489	2.361493	-4058.086	

ELEM	17	LENGTH =			
5.009506					
LOAD	STEEL	-----			
REL	STEEL	P	V2	V3	
T	M2	M3			
0.00000	3.609250	-92.370434	0.170886		
4.315843	0.535928	-1479.882			
0.25000	3.088424	-27.151707	0.170886		
4.315843	0.321915	-1582.904			
0.50000	2.567598	-51.932979	0.170886		
4.315843	0.107901	-1680.694			
0.75000	2.046772	-31.714252	0.170886		
4.315843	-0.106112	-1712.983			
1.00000	1.525946	-11.495524	0.170886		
4.315843	-0.320125	-1740.040			

LOAD CONC			
REL_DIST	M2	P	V2
T	M3		V3
0.00000	9.027139	-231.609948	0.193534
33.477128	1.342808	-4058.144	
0.25000	7.686822	-179.578170	0.193534
23.898952	1.100431	-431.625	
0.50000	6.346505	-127.546391	0.193534
14.320776	0.858054	-4507.943	
0.75000	5.006189	-75.514613	0.193534
4.742600	0.615677	-4635.098	
1.00000	3.665872	-23.482835	0.193534
-4.835575	0.373300	-4697.089	

ELEM	18	=====				LENGTH =
5.009197						
LOAD STEEL -----						
REL	T	M2	P	M3	V2	V3
0.00000		1.158326		3.015913		0.164266
-3.029726		-0.141879		1740.042		
0.25000		0.641534		23.233599		0.164266
-3.029726		-0.347589		1723.606		
0.50000		0.124743		43.451285		0.164266
-3.029726		-0.553299		1681.851		
0.75000		-0.392048		63.668971		0.164266
-3.029726		-0.759009		1614.778		
1.00000		-0.908839		83.886656		0.164266
-3.029726		-0.964720		1522.386		
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FRAME	ELEMENT	INTERNAL
FORCES		

0.75000	11.514939	-328.975047	-0.666288	
63.015785	-1.145218	3680.763		
1.00000	10.174622	-276.938045	-0.666288	
53.436648	-0.310691	4060.217		
ELEM	27	=====	LENGTH =	
5.009197				
LOAD STEEL				
REL_DIST	P	M2	M3	V2
T				
0.00000		3.522845	-83.871096	-0.205018
3.216344		-0.670831	1522.446	
0.25000		3.020654	-63.653410	-0.205018
12.737635		-0.414088	1614.819	
0.50000		2.629623	-43.435725	-0.205018
3.216344		-0.157344	1681.872	
0.75000		1.972472	-23.218039	-0.205018
3.216344		0.099399	1723.608	
1.00000		1.455681	-3.000353	-0.205018
3.216344		0.356143	1740.024	
LOAD CONC				
REL_DIST	P	M2	M3	V2
T				
0.00000		9.359808	-231.173737	-0.656334
51.357371		-1.502235	4060.324	
0.25000		8.029874	-179.144639	-0.656334
41.779786		-0.680308	4317.244	
0.50000		6.699940	-127.115542	-0.656334
32.202200		0.416118	4509.009	
0.75000		5.370007	-75.098444	-0.656334
22.624615		0.963545	4635.618	
1.00000		4.400773	-23.057346	-0.656334
13.047030		1.785472	4697.070	
ELEM	28	=====	LENGTH =	
5.009506				
LOAD STEEL				
REL_DIST	P	M2	M3	V2
T				
0.00000		1.095060	11.504834	-0.185282
-4.097993		0.515904	1740.022	
0.25000		0.574234	31.723562	-0.185282
-4.097993		0.747946	1712.952	
0.50000		0.053408	51.942289	-0.185282
-4.097993		0.799989	1660.562	
0.75000		-0.467418	40.471017	-0.185282
-4.097993		1.212031	1582.850	
1.00000		-0.988244	92.379744	-0.185282
-4.097993		1.444073	1479.816	
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FRAME ELEMENT INTERNAL FORCES				
LOAD CONC				
REL_DIST	P	M2	M3	V2
T				
0.00000		2.898888	23.508075	-0.553717
5.378944		1.853188	4697.095	
0.25000		1.585871	75.539854	-0.553717
-4.199232		2.546650	4635.072	
0.50000		0.218254	127.571632	-0.553717
-3.777408		3.240111	40.471017	-0.553717
0.75000		-1.122063	179.603410	-0.553717
-23.355584		3.933573	4315.536	
1.00000		-2.462380	231.635189	-0.553717
-32.933761		4.627035	4058.024	
ELEM	29	=====	LENGTH =	
5.008822				
LOAD STEEL				
REL_DIST	P	M2	M3	V2
T				
0.00000		-1.463715	106.885100	-0.183597
-10.441551		2.004934	1479.816	
0.25000		-1.975772	126.916064	-0.183597
-10.441551		2.248344	1333.389	
0.50000		-2.478360	146.576818	-0.183597
-10.441551		2.464735	1162.116	
0.75000		-2.971479	165.866762	-0.183597
-10.441551		2.694635	966.455530	
1.00000		-3.455129	184.786494	-0.183597
-10.441551		2.924536	746.871896	
LOAD CONC				
REL_DIST	P	M2	M3	V2
T				
0.00000		-3.918219	278.042636	-0.544445
-37.639426		5.779890	4057.956	
0.25000		-5.248152	330.057834	-0.544445
-47.216294		6.460847	3677.216	
0.50000		-6.578086	382.093031	-0.544445
-56.793162		7.142605	3231.330	
0.75000		-7.980819	434.118228	-0.544445
-66.370031		7.824362	2720.298	
1.00000		-9.237953	486.143425	-0.544445
-75.946899		8.506120	2144.119	
ELEM	30	=====	LENGTH =	
5.009222				
LOAD STEEL				
REL_DIST	P	M2	M3	V2
T				
0.00000		-4.085730	199.040245	-0.137456
-13.488173		3.733232	746.869783	
0.25000		-4.571170	217.884171	-0.137456
-13.488173		3.905369	485.833991	
0.50000		-5.062178	236.944291	-0.137456
-13.488173		4.077505	201.064477	
0.75000		-5.585756	256.220602	-0.137456
-13.488173		4.248642	-107.760937	
1.00000		-6.060904	275.713106	-0.137456
-13.488173		4.421779	-440.758669	
LOAD CONC				
REL_DIST	P	M2	M3	V2
T				
0.00000		-11.098020	530.837000	-0.281121
-68.446210		10.288263	2143.983	
0.25000		-12.431137	582.865818	-0.281121
-78.023842		10.634912	1446.635	
0.50000		-13.711454	634.894635	-0.281121
-87.601474		10.986960	684.131270	
0.75000		-15.111771	686.932451	-0.281121
-97.179105		11.339009	-143.528713	
1.00000		-16.452087	738.952271	-0.281121
-106.756737		11.691058	1036.345	
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FRAME FORCES		ELEMENT		INTERNAL	
ELEM	31	=====		LENGTH =	
5.009649					
LOAD STEEL					
REL DIST		P	M2	M3	V2
T					V3
0.00000			-6.648632	290.830984	-0.118053
-15.136851			5.282057	-440.766397	
0.25000			-7.173333	311.359952	-0.118053
-15.136851			5.429908	-817.686864	
0.50000			-7.745394	333.741906	-0.118053
-15.136851			5.577760	-1221.442	
0.75000			-8.364816	357.976847	-0.118053
-15.136851			5.725611	-1654.407	
1.00000			-9.031598	384.064773	-0.118053
-15.136851			5.873463	-2118.885	
LOAD CONC					
REL DIST		P	M2	M3	V2
T					V3
0.00000			-18.160005	784.243442	-0.123059
-89.711479			13.478899	-1036.569	
0.25000			-19.489938	836.277238	-0.123059
-99.293198			13.633020	-2051.349	
0.50000			-20.819872	888.311034	-0.123059
-108.871647			13.787140	-3131.296	
0.75000			22.149806	940.344830	-0.123059
-118.450096			13.941261	-4276.412	
1.00000			-23.479739	992.378626	-0.123059
-128.028545			14.095382	-5486.695	
ELEM	32	=====		LENGTH =	
5.009186					
LOAD STEEL					
REL DIST		P	M2	M3	V2
T					V3
0.00000			-9.696669	399.299805	-0.092660
-11.824129			6.410999	-2118.900	
0.25000			-10.418383	427.305280	-0.092660
-11.824129			6.527036	-2636.262	
0.50000			-11.191816	457.328420	-0.092660
-11.824129			6.643073	-3189.964	
0.75000			-12.016966	409.359224	-0.092660
-11.824129			6.759110	-3782.522	
1.00000			-12.893841	523.397693	-0.092660
-11.824129			6.875147	-4416.448	
LOAD CONC					
REL DIST		P	M2	M3	V2
T					V3
0.00000			-25.314097	1034.709	0.029197
-85.999619			14.773191	-5486.973	
0.25000			-26.654414	1086.737	0.029197
-95.571181			14.736628	-6815.313	
0.50000			-27.994731	1138.766	0.029197
-105.154747			14.700066	-8208.808	
0.75000			-29.335047	1190.794	0.029197
-114.732311			14.663503	-9667.458	
1.00000			-30.675364	1242.823	0.029197
-124.309875			14.626940	-11191.263	
ELEM	33	=====		LENGTH =	
5.009729					
LOAD STEEL					
REL DIST		P	M2	M3	V2
T					V3
0.00000			-13.221092	537.835371	-0.213156
0.657643			6.758030	-4416.457	
0.25000			-14.116831	572.881832	-0.213156
0.657643			7.024993	-5112.007	
0.50000			-15.012571	607.928294	-0.213156
0.657643			7.291956	-5851.449	
0.75000			-15.908310	642.974756	-0.213156
0.657643			7.558919	-6634.785	
1.00000			-16.804050	678.021218	-0.213156
0.657643			7.825862	-7462.014	
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FRAME ELEMENT INTERNAL FORCES					
LOAD CONC					
REL DIST		P	M2	M3	V2
T					V3
0.00000			-31.541099	1278.539	-0.581155
-43.611835			13.199963	-11191.519	
0.25000			-32.871033	1330.574	-0.581155
-53.190436			13.927821	-12825.387	
0.50000			-34.200967	1382.608	-0.581155
-62.769038			14.655678	-14524.425	
0.75000			-35.530900	1434.643	-0.581155
-72.347640			15.383536	-16288.634	
1.00000			-36.860834	1486.678	-0.581155
-81.926242			16.111394	-18118.012	
ELEM	34	=====		LENGTH =	
5.009343					
LOAD STEEL					
REL DIST		P	M2	M3	V2
T					V3
0.00000			19.346074	-725.533118	0.284695
33.010606			6.525187	-7462.000	
0.25000			18.471982	-691.601523	0.284695
33.010606			6.168854	-6574.868	
0.50000			17.655171	-659.893540	0.284695
33.010606			5.812120	-5728.837	
0.75000			16.895641	-630.409169	0.284695
33.010606			5.455587	-4921.123	
1.00000			16.193392	-603.148410	0.284695
33.010606			5.099054	-4148.941	
LOAD CONC					
REL DIST		P	M2	M3	V2
T					V3
0.00000			44.787337	-1683.358	0.184856
164.915464			8.755688	-18117.925	
0.25000			43.447020	-1631.328	0.184856
155.337600			8.524187	-16042.375	
0.50000			42.106703	-1579.297	0.184856
145.750735			8.292685	-14031.985	
0.75000			40.766386	-1427.267	0.184856
136.181871			8.061184	-12086.754	
1.00000			39.426069	-1475.237	0.184856
126.604006			7.829683	-10206.682	
ELEM	35	=====		LENGTH =	
5.008958					
LOAD STEEL					
REL DIST		P	M2	M3	V2
T					V3
0.00000			44.787337	-1683.358	0.184856
164.915464			8.755688	-18117.925	
0.25000			43.447020	-1631.328	0.184856
155.337600			8.524187	-16042.375	
0.50000			42.106703	-1579.297	0.184856
145.750735			8.292685	-14031.985	
0.75000			40.766386	-1427.267	0.184856
136.181871			8.061184	-12086.754	
1.00000			39.426069	-1475.237	0.184856
126.604006			7.829683	-10206.682	

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FRAME ELEMENT INTERNAL
FORCES

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 -10.765914 590.259597 0.335101
-233.759579 -4.877464 7684.806
0.25000 -12.095848 642.326441 0.335101
-243.374713 -5.297122 6912.980
0.50000 -13.425782 694.356894 0.335101
-252.915248 -5.716779 6075.994
0.75000 -14.755715 746.387347 0.335101
-262.493082 -6.136437 5173.849
1.00000 -16.085549 798.417801 0.335101
-272.070917 -6.556094 4206.545

ELEM 44 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 -8.012981 343.451658 0.105271
-55.704801 -0.936807 1692.438
0.25000 -8.427924 359.571909 0.105271
-55.704801 -1.054727 1296.269
0.50000 -8.839048 375.543776 0.105271
-55.704801 -1.173368 882.016785
0.75000 -9.246352 391.367255 0.105271
-55.704801 -1.232008 449.847407
1.00000 -9.649837 407.042357
-55.704801 -1.410649 -0.071465

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 -19.580505 839.339734 -0.058616
-277.379858 0.853419 4206.036
0.25000 -20.765752 886.162724 -0.058616
-285.999175 0.919479 3233.713
0.50000 -21.990989 932.985715 -0.058616
-294.618493 0.985539 2208.621
0.75000 -23.196246 979.808706 -0.058616
-303.237810 1.051599 1130.758
1.00000 -24.401492 1026.632
-311.857128 1.117659 0.126400

ELEM 45 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 9.718960 -411.576338 0.231906
27.495954 -3.468452 -0.097209
0.25000 9.315474 -395.817870 0.231906
27.495954 -3.731202 -457.308940
0.50000 8.990168 -379.909826 0.231906
27.495954 -3.939352 896.7711957
0.75000 8.497043 -363.852807 0.231906
27.495954 -4.256702 1318.129
1.00000 8.082099 -347.646613 0.231906
27.495954 -4.519452

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 25.009643 -1054.304 1.008610
63.342728 -8.299495 -0.229727
0.25000 23.800913 -1007.096 1.008610
61.216081 -9.442253 1167.557
0.50000 22.592183 -959.887372 1.008610
59.089434 -10.585011 2281.856
0.75000 21.383453 -912.678878 1.008610
56.962786 -11.727770 3242.668
1.00000 20.174723 -865.470384 1.008610
54.836139 -12.870528 4349.993

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FRAME ELEMENT INTERNAL
FORCES

ELEM 46 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 6.659040 -331.052201 0.097056
35.238609 -7.655998 1721.157
0.25000 6.159559 -312.679984 0.097056
35.238609 -7.773201 2126.471
0.50000 5.5710674 -293.749088 0.097056
35.238609 -7.900405 2508.312
0.75000 5.251186 -274.259515 0.097056
35.238609 -8.022609 2865.960
1.00000 4.705495 -254.211262 0.097056
35.238609 -8.144812 3198.717

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 16.243672 -805.071166 0.386965
111.952368 -21.342999 4349.901
0.25000 14.909895 -752.608238 0.386965
109.589041 -21.830226 5330.536
0.50000 13.576117 -700.145310 0.386965
107.225714 -22.317453 6245.116
0.75000 12.242340 -647.682383 0.386965
104.862387 -22.804680 7093.640
1.00000 10.908563 -595.219455 0.386965
102.499059 -23.291907 7876.107

ELEM 47 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 3.706998 -240.715074 -0.057009
25.990099 -10.150545 3198.709
0.25000 -3.171848 -219.833298 -0.057009
25.990099 -10.078780 3488.700
0.50000 2.608053 -197.833794 -0.057009
25.990099 -10.007016 3751.701
0.75000 2.015611 -174.716561 -0.057009
25.990099 -9.935252 3986.306
1.00000 1.394529 -150.481599 -0.057009
25.990099 -9.863488 -419.1106

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 8.196733 -549.621305 -0.251780
87.750829 -28.227329 7876.164
0.25000 6.852543 -497.170456 -0.251780
85.388022 -27.910383 8535.026
0.50000 5.508352 -444.719607 -0.251780
83.025214 -27.593437 9127.889
0.75000 4.164162 -392.268758 -0.251780
80.662406 -27.276491 9654.671
1.00000 2.819972 -339.817909 -0.251780
78.299599 -26.959545 10115.454

ELEM 48 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 0.530769 -135.664063 -0.115562
14.894699 -11.030102 4191.104
0.25000 -0.099715 -110.865575 -0.115562
14.894699 -10.864033 4346.300
0.50000 -0.730199 -86.067087 -0.115562
14.894699 -10.731055 4470.273
0.75000 -1.360683 -61.268598 -0.115562
14.894699 -10.593607 4563.024
1.00000 -1.991168 -36.470110 -0.115562
14.894699 -10.448108 4624.553

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FRAME ELEMENT INTERNAL
FORCES

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 0.455736 -291.530276 -0.385570
51.459115 -29.674266 10115.506
0.25000 -0.878041 -239.069565 -0.385570
49.095887 -29.188815 10449.530
0.50000 -2.703168 -186.608853 -0.385570
46.732660 -26.703365 10717.504
0.75000 -3.545595 -134.148141 -0.385570
44.369433 -28.217914 10919.428
1.00000 -4.879372 -81.687429 -0.385570
42.006205 -27.732464 11055.301

ELEM 49 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 -2.534281 -22.668392 -0.177962
-1.147585 -10.676206 4624.545
0.25000 -3.169688 2.129873 -0.177962
-1.147585 -10.452143 4637.475
0.50000 -2.892485 26.922818 -0.177962
-1.147585 -10.228081 4619.182
0.75000 -4.440502 51.726403 -0.177962
-1.147585 -10.004019 4569.667
1.00000 -5.075908 76.524667 -0.177962
-1.147585 -9.779956 4488.930

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 -6.462168 -36.856567 -0.521864
-2.955416 -28.060707 11055.296
0.25000 -7.806358 15.603672 -0.521864
-5.258646 -27.403556 11068.675
0.50000 -9.150549 68.063911 -0.521864
-7.621876 -26.746606 11016.004
0.75000 -10.494739 120.524150 -0.521864
-9.985106 -26.095555 10897.284
1.00000 -11.838929 172.984389 -0.521864
-12.348336 -25.432505 10712.513

ELEM 50 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 -5.345758 90.459962 -0.224754
-16.655215 -9.181390 4488.931
0.25000 -5.976242 115.258538 -0.224754
-16.655215 -8.898354 4359.406
0.50000 -6.606726 140.057114 -0.224754
-16.655215 -8.615378 4198.679
0.75000 -7.237211 164.855691 -0.224754
-16.655215 -8.332403 4006.729
1.00000 -7.867695 189.654267 -0.224754
-16.655215 -8.049427 3783.556

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 -12.774909 218.227250 -0.561600
-57.462079 -23.766092 10712.424
0.25000 -14.108686 270.688149 -0.561600
-59.825314 -23.059009 10404.639
0.50000 -15.442463 323.149047 -0.561600
-62.188550 -22.351927 10030.804
0.75000 -16.776240 375.609945 -0.561600
-64.551786 -21.644844 9590.914
1.00000 -18.110017 428.070848 -0.561600
-66.915022 -20.937762 9084.981

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FRAME ELEMENT INTERNAL
FORCES

ELEM 51 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 -7.956684 204.187911 -0.300864
-27.315545 -6.801626 3783.535
0.25000 -8.587768 228.423290 -0.300864
-27.315545 -6.422885 3511.123
0.50000 -9.180207 251.540920 -0.300864
-27.315545 -6.044145 3208.906
0.75000 -9.744002 279.540803 -0.300864
-27.315545 -5.665404 2878.291
1.00000 -10.279152 294.422938 -0.300864
-27.315545 -5.286663 2520.685

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 -18.651897 475.377557 -0.787065
-99.104152 -17.753892 9084.837
0.25000 -19.996087 527.829308 -0.787065
-101.467000 -16.763102 8453.397
0.50000 -21.340277 580.281059 -0.787065
-103.829849 -15.772311 7755.928
0.75000 22.684461 632.732810 -0.787065
-106.192697 -14.781520 6992.431
1.00000 -24.028657 685.184561 -0.787065
-108.555545 -13.790730 6162.906

ELEM 52 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 -10.049136 308.123153 -0.384588
-36.414160 -3.434728 2520.659
0.25000 -10.563957 328.373613 -0.384588
-36.414160 -2.950484 2119.929
0.50000 -11.074836 348.468985 -0.384588
-36.414160 -2.466240 1693.798
0.75000 -11.581773 368.409271 -0.384588
-36.414160 -1.981995 1242.463
1.00000 -12.084766 388.194470 -0.384588
-36.414160 -1.497751 766.117813

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 -23.813772 731.594362 -1.077436
-133.128956 -9.263709 6162.693
0.25000 -25.147545 784.059351 -1.077436
-135.492331 -7.907083 5208.496
0.50000 -26.481326 836.522340 -1.077436
-137.855706 -6.550458 4188.241
0.75000 -27.815103 888.986329 -1.077436
-140.219080 -5.193832 3101.926
1.00000 -29.148881 941.450319 -1.077436
-142.824555 -3.837206 1949.554

ELEM 53 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 -11.881646 402.231067 -0.466164
-38.822573 0.594062 766.092214
0.25000 -12.366580 421.935521 -0.466164
-38.822573 1.180932 247.307354
0.50000 -12.891514 441.639975 -0.466164
-38.822573 1.767801 -296.284076
0.75000 -13.396447 461.344430 -0.466164
-38.822573 2.354670 -864.682074
1.00000 -13.901381 481.046884 -0.466164
-38.822573 2.941540 -1457.887

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FRAME ELEMENT INTERNAL
FORCES

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 -29.039475 990.599109 -1.510534
-142.798943 1.100750 1949.318
0.25000 -30.383650 1043.056
-145.161959 3.002409 669.201953
0.50000 -31.727855 1095.510 -1.510534
-147.524974 4.904068 -676.951803
0.75000 -33.072045 1147.966 -1.510534
-149.887990 6.805727 -2089.143
1.00000 34.416238 1200.421 -1.510534
-152.251005 8.707387 -3567.373

ELEM 54 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 -13.573480 495.836471 -0.404090
-32.681166 4.638462 -1457.905
0.25000 -14.095424 516.355080 -0.404090
-32.681166 5.207232 -2094.914
0.50000 -14.659209 538.539400 -0.404090
-32.681166 5.715982 -2758.805
0.75000 -15.264838 562.359431 -0.404090
-32.681166 6.224733 -3451.649
1.00000 -15.912308 587.825174 -0.404090
-32.681166 6.733483 -4175.519

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 -34.075054 1254.744 -1.420136
-117.015853 12.452073 -3567.569
0.25000 -35.408831 1307.203 -1.420136
-119.379000 14.240027 -5180.317
0.50000 -36.742608 1359.662 -1.420136
-121.742147 16.027982 -6859.112
0.75000 -38.076385 1412.121 -1.420136
-124.105294 17.815936 -8603.952
1.00000 -39.410162 1464.580 -1.420136
-126.468442 19.603891 -10414.838

ELEM 55 ===== LENGTH =

LOAD STEEL -----

REL_DIST M2 P M3 V2 V3

0.00000 -15.976351 602.244930 -0.212879
-17.887280 7.695925 -4175.538
0.25000 -16.678602 629.652869 -0.212879
-17.887280 7.963959 -4950.838
0.50000 -17.43135 659.296425 -0.212879
-17.887280 8.231992 -5762.054
0.75000 -18.254948 691.175599 -0.212879
-17.887280 8.500026 -6612.001
1.00000 -19.129044 725.290390 -0.212879
-17.887280 8.768059 -7503.494

LOAD CONC -----

REL_DIST M2 P M3 V2 V3

0.00000 -40.145865 1521.964 -0.654831
-17.884866 20.933401 -10414.980
0.25000 -41.490056 1574.426 -0.654831
-53.681775 21.757891 -12364.293
0.50000 -42.8

1.00000	11.578229	-536.236294	0.700353	-55.095370	-4.296603	2229.983
64.099339	0.744060	2228.168				
ELEM	60	=====	LENGTH =			
5.035807						
LOAD	STEEL	-----				
REL DIST	M2	P	M3	V2	V3	
0.00000	3.599857	-185.151448			0.251379	
9.568075	1.072626	752.529614				
0.25000	3.116205	-166.129653			0.251379	
9.568075	0.756152	973.691671				
0.50000	2.623084	-146.735449			0.251379	
9.568075	0.439679	1170.672				
0.75000	2.120495	-126.98837			0.251379	
9.568075	0.123205	1343.001				
1.00000	1.608436	-106.829815			0.251379	
9.568075	-0.193269	1490.211				
LOAD	CONC	-----				
REL DIST	M2	P	M3	V2	V3	
0.00000	9.678628	-489.378595			0.564281	
51.016042	-0.847140	2228.266				
0.25000	8.344851	-436.921771			0.564281	
48.652990	-1.557543	2811.349				
0.50000	7.011075	-384.464948			0.564281	
46.289937	-2.267946	3328.393				
0.75000	5.677298	-332.008125			0.564281	
43.906985	-2.978348	3779.395				
1.00000	4.475521	-275.91301			0.564281	
41.563832	-3.688751	4164.357				
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FRAME ELEMENT INTERNAL FORCES						
ELEM	61	=====	LENGTH =			
5.036493						
LOAD	STEEL	-----				
REL DIST	M2	P	M3	V2	V3	
0.00000	1.142036	-92.635190			0.189629	
4.596671	-0.465694	1490.215				
0.25000	0.621208	-72.307399			0.189629	
4.596671	-0.704460	1594.056				
0.50000	0.100352	-51.979807			0.189629	
4.936671	-0.943227	1672.303				
0.75000	-0.420448	-31.651816			0.189629	
4.596671	-1.181993	1724.954				
1.00000	-0.941275	-11.324024			0.189629	
4.596671	-1.420760	1752.010				
LOAD	CONC	-----				
REL DIST	M2	P	M3	V2	V3	
0.00000	2.883691	-233.074345			0.335502	
17.75077	-4.168492	4164.406				
0.25000	1.539501	-180.610901			0.335502	
16.411703	-4.590930	4424.846				
0.50000	0.195310	-128.147457			0.335502	
14.048329	-5.013368	4619.229				
0.75000	-1.148890	-75.684014			0.335502	
11.684954	-4.453806	4747.553				
1.00000	-2.493070	-23.220570			0.335502	
9.321580	-5.858244	4809.820				
ELEM	62	=====	LENGTH =			
5.035186						
LOAD	STEEL	-----				
REL DIST	M2	P	M3	V2	V3	
0.00000	-1.292862	2.778582			0.150830	
-1.529425	-4.168492	1752.010				
0.25000	-1.089655	231.0298			0.150830	
-1.529425	-1.432303	1735.727				
0.50000	-2.326448	43.424014			0.150830	
-1.529425	-1.622168	1693.856				
0.75000	-2.843241	63.746729			0.150830	
-1.529425	-1.812033	1626.403				
1.00000	-3.360034	84.069445			0.150830	
-1.529425	-2.001898	1533.368				
LOAD	CONC	-----				
REL DIST	M2	P	M3	V2	V3	
0.00000	-3.630388	22.832470			0.237516	
-17.118236	-5.096388	4809.813				
0.25000	-4.964165	75.282814			0.237516	
-19.408997	-5.395372	4748.059				
0.50000	-6.297942	127.733158			0.237516	
-21.843758	-5.694356	4620.281				
0.75000	-7.631719	180.183502			0.237516	
-24.206519	-5.993340	4426.479				
1.00000	-8.965496	232.633847			0.237516	
-26.569280	-6.292323	4166.652				
ELEM	63	=====	LENGTH =			
5.035998						
LOAD	STEEL	-----				
REL DIST	M2	P	M3	V2	V3	
0.00000	-3.598841	98.207561			0.084225	
-6.404268	-1.440832	1533.377				
0.25000	-4.117682	118.455818			0.084225	
-6.404268	-1.546871	1396.972				
0.50000	-4.632550	138.549006			0.084225	
-6.404268	-1.652910	1235.171				
0.75000	-5.143444	158.487123			0.084225	
-6.404268	-1.758949	1048.170				
1.00000	-5.650364	178.270171			0.084225	
-6.404268	-1.864988	836.165561				
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FRAME ELEMENT INTERNAL FORCES						
LOAD	CONC	-----				
REL DIST	M2	P	M3	V2	V3	
0.00000	-9.822986	279.637909			-0.057940	
-45.642801	-4.588367	4166.599				
0.25000	-11.167176	332.086193			-0.057940	
-48.005944	-376.15141					
0.50000	-12.511368	384.554477			-0.057940	
-50.369086	-4.442495	3330.381				
0.75000	-13.855556	437.012761			-0.057940	
-52.732228	-4.369549	2813.205				
1.00000	-15.199747	489.471045			-0.057940	

5.095370	4.296603	2229.983			
ELEM	64	=====	LENGTH =		
5.035794					
LOAD	STEEL	-----			
REL DIST	M2	P	M3	V2	V3
T					
0.00000	-5.738456	192.270252			0.055632
-9.510955	-1.054824	836.173950			
0.25000	-6.239478	21.975164			0.055632
-9.510955	-1.124862	581.711771			
0.50000	-6.740500	331.680077			0.055632
-9.510955	-1.194899	302.442222			
0.75000	-7.241522	251.394959			0.055632
-9.510955	-1.264936	-1.634797			
1.00000	-7.742544	271.089901			0.055632
-9.510955	-1.334973	-330.519284			
LOAD	CONC	-----			
REL DIST	M2	P	M3	V2	V3
T					
0.00000	-15.692207	537.940458			-0.280786
-60.875888	-2.149742	2229.877			
0.25000	-17.025984	590.397143			-0.280786
-7.070426	-1.795246	1519.618			
0.50000	-18.359761	642.853829			-0.280786
-65.601981	-1.442275	743.818178			
0.75000	-19.693538	695.310514			-0.280786
-76.965027	-1.089254	-99.021814			
1.00000	-21.027315	747.767200			-0.280786
-70.328073	-0.735759	-1007.402			
ELEM	65	=====	LENGTH =		
5.036714					
LOAD	STEEL	-----			
REL DIST	M2	P	M3	V2	V3
T					
0.00000	-7.919435	285.606261			0.027911
-7.070426	-0.611952	-330.506041			
0.25000	-8.445408	306.137542			0.027911
-7.070426	-0.647096	-702.88989			
0.50000	-9.013641	326.314748			0.027911
-7.070426	-0.682241	-1102.161			
0.75000	-9.623997	352.137879			0.027911
-7.070426	-0.717386	-1530.394			
1.00000	-10.276523	377.606935			0.027911
-7.070426	-0.752531	-1969.660			
LOAD	CONC	-----			
REL DIST	M2	P	M3	V2	V3
T					
0.00000	-21.846312	800.688770			-0.494174
-7.350417	0.832680	-1007.477			
0.25000	-23.190502	853.154523			-0.494174
-49.713895	1.454934	-2048.720			
0.50000	-24.534693	905.620276			-0.494174
-52.071737	-2.071187	-3156.025			
0.75000	-25.878883	958.086029			-0.494174
-54.440852	2.699441	-4329.395			
1.00000	-27.223073	1010.552			-0.494174
-56.804330	3.321694	-5568.828			
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FRAME ELEMENT INTERNAL FORCES					
ELEM	66	=====	LENGTH =		
5.035661					
LOAD	STEEL	-----			
REL DIST	M2	P	M3	V2	V3
T					
0.00000	-10.473725	391.596906			0.023249
-0.199979	-0.407136	1989.646			
0.25000	-11.147336	417.883418			0.023249
-0.199979	-0.436404	-2499.179			
0.50000	-11.820946	444.169929			0.023249
-0.199979	-0.465673	-3041.805			
0.75000	-12.945556	470.456441			0.023249
-0.199979	-0.494942	-3617.524			
1.00000	-13.168167	496.742952			0.023249
-0.199979	-0.524211	-4226.335			
LOAD	CONC	-----			
REL DIST	M2	P	M3	V2	V3
T					
0.00000	-28.198569	1066.004			-0.171741
-3.340607	3.377635	-5568.857			
0.25000	-29.542759	1118.459			-0.171741
-5.703591	3.593842	-6943.884			
0.50000	-30.886950	1170.914			-0.171741
-8.06575	3.910050	-8384.948			
0.75000	-32.231140	1223.369			-0.171741
-10.429559	4.026257	-9892.047			
1.00000	-33.575330	1275.824			-0.171741
-12.792542	4.242464	-11465.183			
ELEM	67	=====	LENGTH =		
5.035635					
LOAD	STEEL	-----			
REL DIST	M2	P	M3	V2	V3
T					
0.00000	12.024102	-496.746568			-0.014835
0.043342	-0.582572	-4226.533			
0.25000	11.355710	-470.459923			-0.014835
0.043342	-0.563897	-3617.720			
0.50000	10.687318	-444.173279			-0.014835
0.043342	-0.545221	-3042.000			
0.75000	10.018927	-417.886634			-0.014835
0.043342	-0.526546	-2499.373			
1.00000	9.350535	-391.599989			-0.014835
0.043342	-0.507870	-1989.838			
LOAD	CONC	-----			
REL DIST	M2	P	M3	V2	V3
T					
0.00000	31.076590	-1275.834			0.285311
0.12321747	3.470500	-11465.761			
0.25000	29.742813	-1223.379			0.285311
-9.568770	2.937635	-9892.620			
0.50000	28.409036	-1170.924			0.285311
7.959804	2.752139	-8385.516			
0.75000	27.075259	-1118.469			0.285311
5.232832	2.392959	-6944.448			
1.00000	25.741482	-1066.014			0.285311
2.969860	0.203778	-5569.415			
ELEM	68	=====	LENGTH =		
5.036714					
LOAD	STEEL	-----			
REL DIST	M2	P	M3	V2	V3
T					
0.00000	8.886287	-377.613461			-0.077868

-1.021339 8.052339 -2651.154
0.50000 -12.319201 457.506725
-1.021339 8.475769 3207.963
0.75000 -13.144557 498.710466
-1.021339 8.899196 -3804.047
1.00000 -14.021233 523.932710
-1.021339 9.322625 -4441.949

LOAD CONC
REL_DIST M2 M3 V2 V3
0.00000 -28.536590 1060.119
-30.366774 19.662358 -5538.981
0.25000 29.880780 1112.579
-32.730009 21.213640 -6906.747
0.50000 31.224971 1165.039
-35.093243 22.764923 -8340.564
0.75000 32.569161 1217.500
-37.456478 24.316206 -9840.430
1.00000 -39.319351 1269.960
-39.819713 25.867488 -11406.347

ELEM 77 ===== LENGTH =
5.035705
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 -14.233992 537.508871
12.157395 9.087913 -4441.927
0.25000 15.129734 572.737287
12.157395 9.282961 -5140.786
0.50000 -16.025477 607.965702
12.157395 9.478015 -5883.995
0.75000 -16.921219 643.194118
12.157395 9.673066 -6671.554
1.00000 17.161892 678.422533
12.157395 9.868117 -7503.463

LOAD CONC
REL_DIST M2 M3 V2 V3
0.00000 -34.949831 1325.307
32.181432 24.417738 -11406.338
0.25000 -36.283608 1377.763
29.818428 25.005426 -13107.821
0.50000 37.617385 1430.219
27.455423 25.593113 -14875.342
0.75000 -38.951162 1482.675
25.092419 26.180801 -16708.901
1.00000 40.284939 1535.130
22.729415 26.768488 -18608.498

ELEM 78 ===== LENGTH =
5.036353
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 17.815198 -725.268225
17.718610 9.102151 -7503.442
0.25000 16.941103 -691.153434
17.718610 8.816069 -6611.977
0.50000 16.124289 -659.274261
17.718610 8.529961 -5762.055
0.75000 15.364756 -629.630705
17.718610 8.243904 -604.950.869
1.00000 14.662505 -602.222766
17.718610 7.957822 -4175.598

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F O R C E S
LOAD CONC
REL_DIST M2 M3 V2 V3
0.00000 42.659346 -1731.752
60.304801 24.372772 -18608.429
0.25000 41.315155 -1679.290
57.941492 23.437772 -16461.027
0.50000 39.970965 -1626.828
55.578183 22.502772 -14379.680
0.75000 38.626775 -1574.366
53.214875 21.567772 -12364.387
1.00000 37.282584 -1521.904
50.851566 20.632772 -10415.148

ELEM 79 ===== LENGTH =
5.036009
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 13.733716 -587.795025
32.504575 6.189247 -4175.583
0.25000 13.086245 -562.329283
32.504575 5.657902 -3451.752
0.50000 12.400616 -538.509251
32.504575 5.126558 -2758.945
0.75000 11.916831 -516.334931
32.504575 4.595213 -2095.092
1.00000 11.394887 -495.806322
32.504575 4.063869 -1458.121

LOAD CONC
REL_DIST M2 M3 V2 V3
0.00000 34.461208 -1464.508
125.978922 15.381354 -10415.017
0.25000 33.127433 -1412.049
123.615775 13.646919 -8604.221
0.50000 31.793654 -1359.590
121.252628 11.912484 -6859.471
0.75000 30.459877 -1307.132
118.899481 10.170948 -5180.356
116.526334 29.261000 -1254.673
8.443613 -3568.108

ELEM 80 ===== LENGTH =
5.035773
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 10.506186 -481.038817
38.838137 1.956549 -1458.017
0.25000 10.001253 -461.334186
38.838137 1.395799 -864.900185
0.50000 9.496319 -441.629556
38.838137 0.825949 -296.510117
0.75000 8.991385 -421.924925
38.838137 0.256093 247.072349
1.00000 8.498451 -402.220294
38.838137 -0.317511 765.848983

LOAD CONC
REL_DIST M2 M3 V2 V3

REL_DIST M2 M3 V2 V3
0.00000 26.510033 -1200.396
152.257945 2.922762 -3567.891
0.25000 25.165843 -1147.940
149.894908 1.222229 -2089.680
0.50000 23.821653 -1095.485
147.531872 -0.378305 -677.507267
0.75000 22.477462 -1043.029
145.168835 1.978838 686.626101
1.00000 21.133272 -990.572659
142.805798 -3.579371 1948.720

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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 81 ===== LENGTH =
5.035496
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 7.424136 -388.201794
36.468780 -2.234065 765.869442
0.25000 6.921143 -368.420523
36.468780 -2.779767 1242.132
0.50000 6.414207 -348.484195
36.468780 -3.325469 1693.394
0.75000 5.903328 -328.392812
36.468780 -3.871171 2119.462
1.00000 5.388506 -308.146372
36.468780 -4.416873 2520.140

LOAD CONC
REL_DIST M2 M3 V2 V3
0.00000 18.169914 -941.466695
142.673056 -8.380393 1948.933
0.25000 16.836137 -889.013301
140.310150 -9.723568 3101.104
0.50000 15.502360 -836.559736
137.947244 -11.066743 4187.244
0.75000 14.168583 -784.106161
135.584337 -12.408919 5207.351
1.00000 12.834806 -731.652587
133.221431 -13.753094 6161.426

ELEM 82 ===== LENGTH =
5.036370
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 4.606326 -294.49307
27.408161 -5.752601 1520.140
0.25000 4.071176 -273.563027
27.408161 -6.172064 2877.877
0.50000 3.507381 -251.558777
27.408161 -6.591526 3208.583
0.75000 2.914942 -228.436577
27.408161 -7.010988 3510.879
1.00000 2.293857 -204.196367
27.408161 -7.430450 3783.359

LOAD CONC
REL_DIST M2 M3 V2 V3
0.00000 10.596718 -685.249014
108.742363 -16.950413 6161.645
0.25000 9.252528 -632.786850
105.100446 -17.008423 6991.409
0.50000 7.908338 -580.324686
104.015730 -18.666432 7755.119
0.75000 6.564147 -527.865272
101.652413 -19.524441 8452.774
1.00000 5.219957 -475.400358
99.289096 -20.382451 9084.374

ELEM 83 ===== LENGTH =
5.036253
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 1.607432 -189.658041
15.989673 -8.018524 3783.389
0.25000 0.976948 -164.859194
15.989673 -8.360731 4006.569
0.50000 0.346464 -140.060347
15.989673 -8.702938 4198.525
0.75000 -0.284021 -115.261500
15.989673 -9.045144 4359.258
1.00000 -9.041505 -90.462653
15.989673 -9.387351 4488.768

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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 M2 M3 V2 V3
0.00000 3.245084 -428.083770
65.284094 -21.678539 9084.545
0.25000 1.911307 -375.622299
62.920832 -22.374373 9590.503
0.50000 0.577530 -323.160828
60.557571 -23.070213 10030.409
0.75000 -0.756247 -270.699357
58.194309 -23.766050 10404.263
1.00000 -2.090024 -218.237886
55.831047 -24.461888 10712.065

ELEM 84 ===== LENGTH =
5.036244
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 -1.284586 -76.522141
0.501304 -9.103898 4488.791
0.25000 -1.919893 -51.723589
0.501304 -9.352433 4569.526
0.50000 -2.555400 -26.925037
0.501304 -9.602588 4619.038
0.75000 -3.190806 -2.126485
0.501304 -9.851932 4637.327
1.00000 -8.826213 4627.2067
0.501304 -10.101277 4624.393

LOAD CONC
REL_DIST M2 M3 V2 V3
0.00000 -1.284586 -76.522141
0.501304 -9.103898 4488.791
0.25000 -1.919893 -51.723589
0.501304 -9.352433 4569.526
0.50000 -2.555400 -26.925037
0.501304 -9.602588 4619.038
0.75000 -3.190806 -2.126485
0.501304 -9.851932 4637.327
1.00000 -8.826213 4627.2067
0.501304 -10.101277 4624.393

T M2 M3
0.00000 -3.301443 -172.981173
10.771137 -23.663198 10712.162
0.25000 -4.645344 -120.520326
8.407880 -24.114658 10896.930
0.50000 -5.989824 -68.059479
6.044622 -24.566119 11015.647
0.75000 -7.334014 -15.598633
3.681365 -25.017579 11068.312
1.00000 -8.678844 36.862214
1.318107 -25.469040 11054.926

ELEM 85 ===== LENGTH =
5.035182
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 -3.936500 36.452289
-14.770596 -8.979973 4624.407
0.25000 -4.566984 61.245858
-14.770596 -9.173334 4562.916
0.50000 -5.197468 86.039426
-14.770596 -9.366695 4470.215
0.75000 -5.827953 110.832995
-14.770596 -9.580056 9346.304
1.00000 -6.458431 135.626664
-14.770596 -9.753418 4191.183

LOAD CONC
REL_DIST M2 M3 V2 V3
0.00000 -9.271485 81.636678
-41.783491 -22.714603 11054.947
0.25000 -10.605262 134.086983
-44.146251 -23.066599 10919.171
0.50000 -11.939039 186.537288
-46.509010 -23.418595 10717.370
0.75000 -13.272815 238.987593
-48.871769 -23.770592 10449.546
1.00000 -14.606592 291.437898
-51.234528 -24.122588 10115.697

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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 86 ===== LENGTH =
5.036348
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 -6.370337 150.451146
-26.556304 -4.319434 4191.183
0.25000 -6.991422 174.691228
-26.556304 -7.973249 3986.379
0.50000 -7.583861 197.813346
-26.556304 -8.046584 3751.754
0.75000 -8.147656 219.817499
-26.556304 -8.119919 3488.720
1.00000 -8.682806 240.703687
-26.556304 -8.193254 3198.685

LOAD CONC
REL_DIST M2 M3 V2 V3
0.00000 -14.742963 339.733006
-79.774583 -19.788822 10115.648
0.25000 -16.087153 392.194938
-82.137889 -19.727789 9654.867
0.50000 -17.428822 293.744039
-84.501196 -19.687556 9128.033
0.75000 -18.775534 497.118802
-86.864502 -19.645723 8535.144
1.00000 -20.119724 549.580734
-89.227808 -19.604690 7876.201

ELEM 87 ===== LENGTH =
5.036392
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 -8.243143 254.206213
-35.211432 -5.664122 3198.702
0.25000 -8.752834 274.254465
-35.211432 -5.617263 2865.952
0.50000 -9.248822 293.744039
-35.211432 -5.570405 2508.310
0.75000 -9.729606 312.674934
-35.211432 -5.523547 2126.481
1.00000 -10.196687 331.047151
-35.211432 -5.476689 1721.168

LOAD CONC
REL_DIST M2 M3 V2 V3
0.00000 -19.253033 595.203324
-102.563707 -13.803180 7876.170
0.25000 -20.759080 647.666252
-104.927034 -13.419263 7093.723
0.50000 -22.092857 700.129180
-107.290361 -13.035345 6245.220
0.75000 -23.466142 752.592108
-109.653688 -12.651428 5330.660
1.00000 -24.760411 805.05036
-112.017016 -12.267510 4350.045

ELEM 88 ===== LENGTH =
4.532013
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 -9.720719 347.648657
-27.452691 -2.662441 1721.224
0.25000 -10.135663 363.854852
-27.452691 -2.514715 1318.142
0.50000 -10.546788 379.911871
-27.452691 -2.366990 896.782662
0.75000 -10.954944 395.819715
-27.452691 -2.219284 457.315329
1.00000 -11.357580 411.578383
-27.452691 -2.071359 -0.91137

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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 M2 M3 V2 V3
0.00000 2.409123 60.434369
-0.003686 1.918967 171.769875
0.17197 2.409123 60.434369
-0.003686 0.378810 130.148580
-0.000659 -1.161347 88.527285
0.51591 2.409123 60.434369
-0.003686 -2.701503 46.905990
0.68788 2.409123 60.434369
-0.003686 -4.241660 5.284695

0.00000 -24.142346 865.501539
-54.885539 -6.492289 4350.148
0.25000 -25.351076 912.710033
-57.012186 -5.137074 3342.789
0.50000 -26.559805 959.918527
-59.138834 -5.781878 2281.941
0.75000 -27.768535 1007.127
-61.265481 -5.426683 1167.607
1.00000 -28.977265 1054.336
-63.392128 -5.071488 -0.215205

ELEM 89 ===== LENGTH =
4.004670
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.31214 -0.254095 -1.219863
-0.001995 1.715086 59.551364
0.48410 -0.136549 1.130880
-0.001995 1.162347 59.582004
0.65607 -0.019002 3.481622
-0.001995 0.609607 57.993763
0.82803 0.098545 5.832365
-0.001995 0.056868 54.786643
1.00000 0.218092 8.183108
-0.001995 -0.455872 49.960642

LOAD CONC
REL_DIST M2 M3 V2 V3
0.31214 1.357951 27.565341
-0.016161 4.080541 276.614381
0.48410 1.357951 27.565341
-0.016161 2.760743 257.631024
0.65607 1.357951 27.565341
-0.016161 1.440391 238.647666
0.82803 1.357951 19.581554
-0.016161 0.121146 219.664309
1.00000 1.357951 27.565341
-0.016161 -1.198652 200.680951

ELEM 90 ===== LENGTH =
4.005594
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 0.859637 12.526954
0.000995 0.511505 49.986515
0.17198 0.977196 14.878487
0.000995 -0.052335 40.546732
0.34397 1.094755 17.230021
0.000995 -0.616176 29.586982
0.15195 1.215476 15.581554
0.000995 -1.180016 16.807264
0.68794 1.329873 21.933088
0.000995 -1.743856 2.507578

LOAD CONC
REL_DIST M2 M3 V2 V3
0.00000 4.311119 65.977300
0.011935 1.258805 200.744249
0.48410 4.311119 65.977300
0.011935 -0.107096 155.292591
0.34397 4.311119 65.977300
0.011935 -1.472997 109.840933
0.51595 4.311119 65.977300
0.011935 -2.838989 64.389275
0.88794 4.311119 65.977300
0.011935 -4.204800 18.937617

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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 91 ===== LENGTH =
4.004740
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.31213 -0.447326 -9.408336
0.000245 1.776963 15.950526
0.48410 -0.352381 -7.509558
0.000245 1.127035 21.775805
0.65607 -0.257438 -5.010781
0.000245 0.477107 26.293695
0.82803 -0.162491 -3.712003
0.000245 -0.172822 29.503926
1.00000 -0.067546 -1.813225
0.000245 -0.822750 31.406497

LOAD CONC
REL_DIST M2 M3 V2 V3
0.31213 -2.267920 -40.856216
0.000659 4.228922 59.179769
0.48410 -2.267920 -40.856216
0.000659 2.677622 87.316850
0.65607 -2.267920 -40.856216
0.000659 1.126317 115.453911
0.82803 -2.267920 -40.856216
0.000659 -0.424967 143.590971
1.00000 -2.267920 -40.856216
0.000659 -1.976292 171.728032

ELEM 92 ===== LENGTH =
4.004810
LOAD STEEL
REL_DIST M2 M3 V2 V3
0.00000 0.147475 5.589179
-0.000995 0.

ELEM	93	=====	LENGTH =
4.005848			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.31204	-0.539749		
-0.000664	1.376304		
0.48403	-0.444792		
-0.000664	0.877889		
0.65602	-0.349835		
-0.000664	0.379475		
0.82801	-0.254878		
-0.000664	-0.118940		
1.00000	-0.159921		
-0.000664	-0.617354		
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FRAME ELEMENT INTERNAL FORCES

LOAD	CONC	-----	
REL_DIST	M2	P	V2
0.31204	-2.431101		
-0.002462	3.245469		
0.48403	-2.435101		
-0.002462	2.066009		
0.65602	-2.435101		
-0.002462	0.886549		
0.82801	-2.435101		
-0.002462	-0.292911		
1.00000	-2.435101		
-0.002462	-1.472371		

ELEM	94	=====	LENGTH =
4.004852			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.00000	-0.023920		
0.000155	0.260919		
0.17197	0.071026		
0.000155	0.097829		
0.34394	0.165973		
0.000155	-0.387197		
0.51591	0.629919		
0.000155	-0.872222		
0.68788	0.535865		
0.000155	-1.357248		

LOAD	CONC	-----	
REL_DIST	M2	P	V2
0.00000	1.658738		
0.000336	1.366996		
0.17197	1.658738		
0.000336	0.220959		
0.34394	1.658738		
0.000336	-0.925077		
0.51591	1.658738		
0.000336	-0.271114		
0.68788	1.658738		
0.000336	-3.217150		

ELEM	95	=====	LENGTH =
4.005006			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.31211	-0.553162		
-0.000219	0.917204		
0.48410	-0.458214		
-0.000219	0.582256		
0.65605	-0.363266		
-0.000219	0.247307		
0.82803	-0.268318		
-0.000219	-0.087641		
1.00000	-0.173370		
-0.000219	-0.422590		

LOAD	CONC	-----	
REL_DIST	M2	P	V2
0.31211	-0.553162		
-0.000219	0.917204		
0.48410	-0.458214		
-0.000219	0.582256		
0.65605	-0.363266		
-0.000219	0.247307		
0.82803	-0.268318		
-0.000219	-0.087641		
1.00000	-0.173370		
-0.000219	-0.422590		

ELEM	96	=====	LENGTH =
4.005006			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.31211	-0.553162		
-0.000219	0.917204		
0.48410	-0.458214		
-0.000219	0.582256		
0.65605	-0.363266		
-0.000219	0.247307		
0.82803	-0.268318		
-0.000219	-0.087641		
1.00000	-0.173370		
-0.000219	-0.422590		

LOAD	CONC	-----	
REL_DIST	M2	P	V2
0.31211	-0.553162		
-0.000219	0.917204		
0.48410	-0.458214		
-0.000219	0.582256		
0.65605	-0.363266		
-0.000219	0.247307		
0.82803	-0.268318		
-0.000219	-0.087641		
1.00000	-0.173370		
-0.000219	-0.422590		

ELEM	97	=====	LENGTH =
4.005203			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.31209	-0.528876		
-0.000117	0.425177		
0.48407	-0.439265		
-0.000117	0.267403		
0.65605	-0.338976		
-0.000117	0.109630		
0.82802	-0.244026		
-0.000117	-0.048144		
1.00000	-0.149076		
-0.000117	-0.205918		

LOAD	CONC	-----	
REL_DIST	M2	P	V2
0.31209	-0.528876		
-0.000117	0.425177		
0.48407	-0.439265		
-0.000117	0.267403		
0.65605	-0.338976		
-0.000117	0.109630		
0.82802	-0.244026		
-0.000117	-0.048144		
1.00000	-0.149076		
-0.000117	-0.205918		

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

ELEM	98	=====	LENGTH =
4.005203			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.31209	-0.528876		
-0.000117	0.425177		
0.48407	-0.439265		
-0.000117	0.267403		
0.65605	-0.338976		
-0.000117	0.109630		
0.82802	-0.244026		
-0.000117	-0.048144		
1.00000	-0.149076		
-0.000117	-0.205918		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
50

FRAME ELEMENT INTERNAL FORCES

LOAD	CONC	-----	
REL_DIST	M2	P	V2
0.31209	-0.528876		
-0.000117	0.425177		
0.48407	-0.439265		
-0.000117	0.267403		
0.65605	-0.338976		
-0.000117	0.109630		
0.82802	-0.244026		
-0.000117	-0.048144		
1.00000	-0.149076		
-0.000117	-0.205918		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
51

FRAME ELEMENT INTERNAL FORCES

ELEM	99	=====	LENGTH =
4.004445			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.31215	-0.515520		
-0.000219	0.917204		
0.48411	-0.458214		
-0.000219	0.582256		
0.65605	-0.363266		
-0.000219	0.247307		
0.82803	-0.268318		
-0.000219	-0.087641		
1.00000	-0.173370		
-0.000219	-0.422590		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
52

FRAME ELEMENT INTERNAL FORCES

LOAD	CONC	-----	
REL_DIST	M2	P	V2
0.31211	-0.553162		
-0.000219	0.917204		
0.48410	-0.458214		
-0.000219	0.582256		
0.65605	-0.363266		
-0.000219	0.247307		
0.82803	-0.268318		
-0.000219	-0.087641		
1.00000	-0.173370		
-0.000219	-0.422590		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
53

FRAME ELEMENT INTERNAL FORCES

ELEM	100	=====	LENGTH =
4.005385			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.31209	-0.528876		
-0.000117	0.425177		
0.48407	-0.439265		
-0.000117	0.267403		
0.65605	-0.338976		
-0.000117	0.109630		
0.82802	-0.244026		
-0.000117	-0.048144		
1.00000	-0.149076		
-0.000117	-0.205918		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
54

FRAME ELEMENT INTERNAL FORCES

LOAD	CONC	-----	
REL_DIST	M2	P	V2
0.31209	-0.528876		
-0.000117	0.425177		
0.48407	-0.439265		
-0.000117	0.267403		
0.65605	-0.338976		
-0.000117	0.109630		
0.82802	-0.244026		
-0.000117	-0.048144		
1.00000	-0.149076		
-0.000117	-0.205918		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
55

FRAME ELEMENT INTERNAL FORCES

ELEM	101	=====	LENGTH =
4.004673			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.31214	-0.562244		
0.000196	-0.557610		
0.48410	-0.467300		
-0.000196	-0.361398		
0.65607	-0.273256		
0.000196	-0.165186		
0.82803	-0.277412		
0.000196	0.031026		
1.00000	-0.182467		
0.000196	0.227238		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
56

FRAME ELEMENT INTERNAL FORCES

LOAD	CONC	-----	
REL_DIST	M2	P	V2
0.31214	-0.562244		
0.000196	-0.557610		
0.48410	-0.467300		
-0.000196	-0.361398		
0.65607	-0.273256		
0.000196	-0.165186		
0.82803	-0.277412		
0.000196	0.031026		
1.00000	-0.182467		
0.000196	0.227238		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
57

FRAME ELEMENT INTERNAL FORCES

ELEM	102	=====	LENGTH =
4.004673			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.31214	-0.562244		
0.000196	-0.557610		
0.48410	-0.467300		
-0.000196	-0.361398		
0.65607	-0.273256		
0.000196	-0.165186		
0.82803	-0.277412		
0.000196	0.031026		
1.00000	-0.182467		
0.000196	0.227238		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
58

FRAME ELEMENT INTERNAL FORCES

LOAD	CONC	-----	
REL_DIST	M2	P	V2
0.31214	-0.562244		
0.000196	-0.557610		
0.48410	-0.467300		
-0.000196	-0.361398		
0.65607	-0.273256		
0.000196	-0.165186		
0.82803	-0.277412		
0.000196	0.031026		
1.00000	-0.182467		
0.000196	0.227238		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
59

FRAME ELEMENT INTERNAL FORCES

ELEM	103	=====	LENGTH =
4.005000			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.31211	-0.527847		
0.000284	-0.971386		
0.48409	-0.432807		
0.000284	-0.625590		
0.65605	-0.337952		
0.000284	-0.280513		
0.82803	-0.243004		
0.000284	0.064923		
1.00000	-0.149076		
0.000284	0.410360		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
60

FRAME ELEMENT INTERNAL FORCES

LOAD	CONC	-----	
REL_DIST	M2	P	V2
0.31211	-0.527847		
0.000284	-0.971386		
0.48409	-0.432807		
0.000284	-0.625590		
0.65605	-0.337952		
0.000284	-0.280513		
0.82803	-0.243004		
0.000284	0.064923		
1.00000	-0.149076		
0.000284	0.410360		

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
61

FRAME ELEMENT INTERNAL FORCES

ELEM	104	=====	LENGTH =
4.005000			
LOAD	STEEL	-----	
REL_DIST	M2	P	V2
0.31211	-0.527847		
0.000284	-0.971386		
0.48409	-0.43280		

0.000318	-0.242635	25.596253			56	0.000642	1.275923	70.118594		0.48404	-2.427423	-46.3559892	0.362008				
0.82802	-0.221633	-6.808496	-0.456609			0.48406	-2.485679	-45.218048	0.671323	-0.000319	0.120402	98.927608					
0.000318	0.071877	30.939989				0.000642	0.813482	101.267057		0.65602	-2.427423	-46.3559892	0.362008				
1.00000	-0.126683	-4.909402	-0.456609			0.65604	-2.485679	-45.218048	0.671323	-0.000319	0.162637	130.867207					
0.000318	0.386390	34.975630				-0.000642	0.351040	132.415521		0.82801	-2.427423	-46.3559892	0.362008				
						0.82802	-2.485679	-45.218048	0.671323	-0.000319	-0.086768	162.806807					
						-0.000642	-0.114401	163.563984		1.00000	-2.427423	-46.3559892	0.362008				
						1.00000	-2.485679	-45.218048	0.671323	-0.000319	-0.336173	194.746406					
						-0.000642	-0.573842	194.712448									
LOAD	CONC					ELEM	118	=====	LENGTH =	ELEM	122	=====	LENGTH =				
REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3
T						T						T					
0.31209	-1.385053	-39.412574	-1.105553			-0.000652	-0.151213	87.121902		0.00000	0.099425	3.145644		0.00000	0.099425	3.145644	0.122786
0.001308	-2.123792	81.293808	-1.105553			0.48407	-1.651782	35.798296	0.072962	-6.57E-06	0.093434	34.633584		-6.57E-06	0.093434	34.633584	0.122786
0.48405	-1.385053	-39.412574				-0.000652	0.100957	111.779844		0.00000	0.194371	5.044242		0.00000	0.194371	5.044242	
0.001308	-1.362289	108.441167	-1.105553			0.65605	-1.651782	-35.798296	0.072962	-6.57E-06	0.008872	31.813098		-6.57E-06	0.008872	31.813098	
0.65605	-1.385053	-39.412574	-1.105553			-0.000652	0.050700	136.437782		0.34394	0.289316	6.943279		0.34394	0.289316	6.943279	0.122786
0.001308	-0.600785	135.588525				0.82802	-1.651782	-35.798296	0.072962	-6.57E-06	-0.075691	27.685124		-6.57E-06	-0.075691	27.685124	0.122786
0.82802	-1.385053	-39.412574	-1.105553			-0.000652	0.000443	161.095721		0.51591	0.384262	8.842096		0.51591	0.384262	8.842096	0.122786
0.001308	0.160719	162.735884				1.00000	-1.651782	-35.798296	0.072962	-6.57E-06	-0.160254	22.249435		-6.57E-06	-0.160254	22.249435	0.122786
1.00000	-1.385053	-39.412574	-1.105553			-0.000652	-0.049813	185.753661		0.88787	0.479208	10.740914		0.88787	0.479208	10.740914	
0.001308	0.922223	189.883243				ELEM	114	=====	LENGTH =	ELEM	120	=====	LENGTH =				
ELEM	110	=====	LENGTH =			4.005198	4.005208			4.005578	4.005588						
LOAD	STEEL					LOAD	STEEL			LOAD	STEEL						
REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3
T						T						T					
0.00000	0.361333	3.346421	-0.420049			0.00000	0.223350	2.469570	0.054715	0.00000	0.099425	3.145644		0.00000	0.099425	3.145644	0.122786
-2.23E-06	-0.849437	34.875397	-0.420049			7.75E-05	0.046595	33.100085		-6.57E-06	0.008872	31.813098		-6.57E-06	0.008872	31.813098	
0.17198	0.456283	5.245515	-0.420049			0.17198	0.018300	4.368672	0.054715	-6.57E-06	-0.075691	27.685124		-6.57E-06	-0.075691	27.685124	0.122786
-2.23E-06	-0.056796	31.916336	-0.420049			7.75E-05	0.008907	30.744987		0.34394	0.289316	6.943279		0.34394	0.289316	6.943279	0.122786
0.34395	0.551233	7.144610	-0.420049			0.34395	0.013250	6.267774	0.054715	-6.57E-06	-0.160254	22.249435		-6.57E-06	-0.160254	22.249435	0.122786
-2.23E-06	0.325353	27.649181	-0.420049			7.75E-05	-0.028781	27.081784		0.51591	0.384262	8.842096		0.51591	0.384262	8.842096	0.122786
0.51593	0.646182	9.043704	-0.420049			7.75E-05	0.058200	8.166875	0.054715	-6.57E-06	-0.075691	27.685124		-6.57E-06	-0.075691	27.685124	0.122786
-2.23E-06	0.521863	22.073930	-0.420049			0.68791	-0.066469	22.110476		0.51591	0.384262	8.842096		0.51591	0.384262	8.842096	0.122786
0.68791	0.741132	10.942788				7.75E-05	0.603150	10.065977	0.054715	-6.57E-06	-0.160254	22.249435		-6.57E-06	-0.160254	22.249435	0.122786
-2.23E-06	0.811193	15.190584				7.75E-05	-0.104157	15.831063									
LOAD	CONC					LOAD	CONC			LOAD	CONC						
REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3
T						T						T					
0.00000	0.361333	3.346421	-0.420049			0.00000	0.223350	2.469570	0.054715	0.00000	0.099425	3.145644		0.00000	0.099425	3.145644	0.122786
-2.23E-06	-0.849437	34.875397	-0.420049			7.75E-05	0.046595	33.100085		-6.57E-06	0.008872	31.813098		-6.57E-06	0.008872	31.813098	
0.17198	0.456283	5.245515	-0.420049			0.17198	0.018300	4.368672	0.054715	-6.57E-06	-0.075691	27.685124		-6.57E-06	-0.075691	27.685124	0.122786
-2.23E-06	-0.056796	31.916336	-0.420049			7.75E-05	0.008907	30.744987		0.34394	0.289316	6.943279		0.34394	0.289316	6.943279	0.122786
0.34395	0.551233	7.144610	-0.420049			0.34395	0.013250	6.267774	0.054715	-6.57E-06	-0.160254	22.249435		-6.57E-06	-0.160254	22.249435	0.122786
-2.23E-06	0.325353	27.649181	-0.420049			7.75E-05	-0.028781	27.081784		0.51591	0.384262	8.842096		0.51591	0.384262	8.842096	0.122786
0.51593	0.646182	9.043704	-0.420049			7.75E-05	0.058200	8.166875	0.054715	-6.57E-06	-0.075691	27.685124		-6.57E-06	-0.075691	27.685124	0.122786
-2.23E-06	0.521863	22.073930	-0.420049			0.68791	-0.066469	22.110476		0.51591	0.384262	8.842096		0.51591	0.384262	8.842096	0.122786
0.68791	0.741132	10.942788				7.75E-05	0.603150	10.065977	0.054715	-6.57E-06	-0.160254	22.249435		-6.57E-06	-0.160254	22.249435	0.122786
-2.23E-06	0.811193	15.190584				7.75E-05	-0.104157	15.831063									
LOAD	CONC					LOAD	CONC			LOAD	CONC						
REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3
T						T						T					
0.00000	0.361333	3.346421	-0.420049			0.00000	0.223350	2.469570	0.054715	0.00000	0.099425	3.145644		0.00000	0.099425	3.145644	0.122786
-2.23E-06	-0.849437	34.875397	-0.420049			7.75E-05	0.046595	33.100085		-6.57E-06	0.008872	31.813098		-6.57E-06	0.008872	31.813098	
0.17198	0.456283	5.245515	-0.420049			0.17198	0.018300	4.368672	0.054715	-6.57E-06	-0.075691	27.685124		-6.57E-06	-0.075691	27.685124	0.122786
-2.23E-06	-0.056796	31.916336	-0.420049			7.75E-05	0.008907	30.744987		0.34394	0.289316	6.943279		0.34394	0.289316	6.943279	0.122786
0.34395	0.551233	7.144610	-0.420049			0.34395	0.013250	6.267774	0.054715	-6.57E-06	-0.160254	22.249435		-6.57E-06	-0.160254	22.249435	0.122786
-2.23E-06	0.325353	27.649181	-0.420049			7.75E-05	-0.028781	27.081784		0.51591	0.384262	8.842096		0.51591	0.384262	8.842096	0.122786
0.51593	0.646182	9.043704	-0.420049			7.75E-05	0.058200	8.166875	0.054715	-6.57E-06	-0.075691	27.685124		-6.57E-06	-0.075691	27.685124	0.122786
-2.23E-06	0.521863	22.073930	-0.420049			0.68791	-0.066469	22.110476		0.51591	0.384262	8.842096		0.51591	0.384262	8.842096	0.122786
0.68791	0.741132	10.942788				7.75E-05	0.603150	10.065977	0.054715	-6.57E-06	-0.160254	22.249435		-6.57E-06	-0.160254	22.249435	0.122786
-2.23E-06	0.811193	15.190584				7.75E-05	-0.104157	15.831063									
LOAD	CONC					LOAD	CONC			LOAD	CONC						
REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3
T						T						T					
0.00000	0.361333	3.346421	-0.420049			0.00000	0.223350	2.469570	0.054715	0.00000	0.099425	3.145644		0.00000	0.099425	3.145644	0.122786
-2.23E-06	-0.849437	34.875397	-0.420049			7.75E-05	0.046595	33.100085		-6.57E-06	0.008872	31.813098		-6.57E-06	0.008872	31.813098	
0.17198	0.456283	5.245515	-0.420049			0.17198	0.018300	4.368672	0.054715	-6.57E-06	-0.075691	27.685124		-6.57E-06	-0.075691	27.685124	0.122786
-2.23E-06	-0.056796	31.916336	-0.420049			7.75E-05	0.008907	30.744987		0.34394	0.289316	6.943279		0.34394	0.289316	6.943279	0.122786
0.34395	0.551233	7.144610	-0.420049			0.34395	0.013250	6.267774	0.054715	-6.57E-06	-0.160254	22.249435		-6.57E-06	-0.160254	22.249435	0.122786
-2.23E-06	0.325353	27.649181	-0.420049			7.75E-05	-0.028781	27.081784		0.51591	0.384262	8.842096		0.51591	0.384262	8.842096	0.122786
0.51593	0.646182	9.043704	-0.420049			7.75E-05	0.058200	8.166875	0.054715	-6.57E-06	-0.075691	27.685124		-6.57E-06	-0.075691	27.685124	0.122786
-2.23E-06	0.521863	22.073930	-0.420049			0.68791	-0.066469	22.110476		0.51591	0.384262	8.842096		0.51591	0.384262	8.842096	0.122786
0.68791	0.741132	10.942788				7.75E-05	0.603150	10.065977	0.054715	-6.57E-06	-0.160254	22.249435		-6.57E-06	-0.160254		

1.51E-06	-0.168100	22.216704			
0.68784	0.509322	10.684245	0.128912		
1.51E-06	-0.256867	15.513284			
LOAD CONC					
REL_DIST	T	M2	P	M3	V2
0.00000	2.243983	M3			
-0.000195	0.268361	46.991867			0.365187
0.17196	2.243983	194.016301			0.365187
-0.000195	0.161696	161.658145			0.365187
0.34392	2.243983	46.991867			0.365187
-0.000195	-0.234568	129.299989			0.365187
0.51588	2.243983	46.991867			0.365187
-0.000195	-0.486032	96.941832			0.365187
0.68784	2.243983	46.991867			0.365187
-0.000195	-0.737496	64.583676			0.365187
ELEM	143	=====	LENGTH =		
4.004559					
LOAD STEEL					
REL_DIST	T	M2	P	M3	V2
0.31214	0.567324	-11.044150			0.011758
3.06E-06	0.013347	14.549232			0.011758
0.48411	-0.472381	-9.145498			0.011758
3.06E-06	0.005250	21.500928			0.011758
0.65607	-0.377437	-7.246846			0.011758
3.06E-06	-0.002847	27.145137			0.011758
0.62904	-0.248494	14.481893			0.011758
3.06E-06	-0.010344	31.481893			0.011758
1.00000	-0.187551	-3.449541			0.011758
3.06E-06	-0.019040	34.511093			0.011758
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REL_DIST	T	M2	P	M3	V2
0.31214	0.567324	-11.044150			0.011758
-5.92E-05	0.068782	66.420628			0.011758
0.48411	-2.416991	-46.516021			0.011758
-5.92E-05	0.027211	98.453405			0.011758
0.65607	-2.416991	-46.516021			0.011758
-5.92E-05	-0.008360	130.486181			0.011758
0.62904	-2.416991	-46.516021			0.011758
-5.92E-05	-0.043930	162.518958			0.011758
1.00000	-2.416991	-46.516021			0.011758
-5.92E-05	-0.079501	194.551735			0.011758
ELEM	144	=====	LENGTH =		
4.005557					
LOAD STEEL					
REL_DIST	T	M2	P	M3	V2
0.00000	0.091768	3.054204			-0.004232
1.36E-05	-0.012806	34.541598			-0.004232
0.17196	0.186721	4.953547			-0.004232
1.36E-05	-0.009891	31.783371			-0.004232
0.34397	0.281675	6.852890			-0.004232
1.36E-05	-0.006975	27.716707			-0.004232
0.51595	0.376829	8.752233			-0.004232
1.36E-05	-0.004060	22.341605			-0.004232
0.68793	0.471583	10.651576			-0.004232
1.36E-05	-0.001144	15.658067			-0.004232
LOAD CONC					
REL_DIST	T	M2	P	M3	V2
0.00000	2.086348	46.035942			0.006487
-1.43E-05	-0.031081	194.535513			0.006487
0.17196	2.086348	46.035942			0.006487
-1.43E-05	-0.160671	121.593405			0.006487
0.34397	2.086348	46.035942			0.006487
-1.43E-05	-0.040019	131.108175			0.006487
0.51595	2.086348	46.035942			0.006487
-1.43E-05	-0.044487	99.394506			0.006487
0.68793	2.086348	46.035942			0.006487
-1.43E-05	-0.048956	67.680837			0.006487
ELEM	145	=====	LENGTH =		
4.004797					
LOAD STEEL					
REL_DIST	T	M2	P	M3	V2
0.31213	-0.549634	-11.048688			-0.123383
8.42E-05	-0.245645	14.638038			-0.123383
0.48409	-0.454688	-9.149871			-0.123383
8.42E-05	-0.160671	121.593405			-0.123383
0.65606	-0.359743	-7.251054			-0.123383
8.42E-05	-0.075697	27.241057			-0.123383
0.82803	-0.264797	-5.352236			-0.123383
8.42E-05	0.009277	31.580996			-0.123383
1.00000	-0.169851	-3.455419			-0.123383
8.42E-05	0.094251	34.613220			-0.123383
LOAD CONC					
REL_DIST	T	M2	P	M3	V2
0.31213	-2.316654	-46.372347			-0.316734
0.000335	-0.643270	67.022563			-0.316734
0.48409	-2.316654	-46.372347			-0.316734
0.000335	-0.425136	98.959167			-0.316734
0.65606	-2.316654	-46.372347			-0.316734
0.000335	-0.207001	130.895770			-0.316734
0.82803	-2.316654	-46.372347			-0.316734
0.000335	0.011134	162.832374			-0.316734
1.00000	-2.316654	-46.372347			-0.316734
0.000335	0.229268	194.768978			-0.316734
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ELEM	146	=====	LENGTH =		
4.004797					
LOAD STEEL					
REL_DIST	T	M2	P	M3	V2
0.00000	0.119144	3.137584			-0.135774
9.61E-06	-0.121408	34.634007			-0.135774
0.17197	0.214090	4.953547			-0.135774
9.61E-06	-0.027901	31.819297			-0.135774
0.34394	0.309035	6.935219			-0.135774
9.61E-06	0.065606	27.696874			-0.135774
0.51591	0.403981	8.834037			-0.135774
9.61E-06	0.159113	22.266736			-0.135774

0.68787	0.498927	10.732854	-0.135774		
9.61E-06	0.252621	15.528884			
LOAD CONC					
REL_DIST	T	M2	P	M3	V2
0.00000	2.211719	46.424397			-0.352654
0.000121	-0.327867	194.721775			-0.352654
0.17197	2.211719	46.424397			-0.352654
0.000121	-0.084995	162.749325			-0.352654
0.34394	2.211719	46.424397			-0.352654
0.000121	0.157878	130.776875			-0.352654
0.51591	2.211719	46.424397			-0.352654
0.000121	0.400750	98.804425			-0.352654
0.68787	2.211719	46.424397			-0.352654
0.000121	0.643622	66.831975			-0.352654
ELEM	147	=====	LENGTH =		
4.005101					
LOAD STEEL					
REL_DIST	T	M2	P	M3	V2
0.31210	-0.582396	-10.798708			-0.227311
0.000117	-0.444656	14.971220			-0.227311
0.48408	-0.487447	-8.899681			-0.227311
0.000117	-0.288090	21.755111			-0.227311
0.65605	-0.392498	-7.000653			-0.227311
0.000117	-0.131524	27.230990			-0.227311
0.82803	-0.297549	-5.101625			-0.227311
0.000117	0.025018	31.398665			-0.227311
1.00000	-0.202600	-3.202598			-0.227311
0.000117	0.181608	34.258737			-0.227311
LOAD CONC					
REL_DIST	T	M2	P	M3	V2
0.31210	-2.487151	-44.657343			-0.606527
0.000599	-1.198518	70.121798			-0.606527
0.48408	-2.487151	-44.657343			-0.606527
0.000599	-0.780757	100.880675			-0.606527
0.65605	-2.487151	-44.657343			-0.606527
0.000599	-0.362399	131.638552			-0.606527
0.82803	-2.487151	-44.657343			-0.606527
0.000599	0.054765	162.398428			-0.606527
1.00000	-2.487151	-44.657343			-0.606527
0.000599	0.472526	193.157305			-0.606527
ELEM	148	=====	LENGTH =		
4.005078					
LOAD STEEL					
REL_DIST	T	M2	P	M3	V2
0.00000	0.082861	2.947626			-0.231529
3.35E-05	-0.197668	34.259912			-0.231529
0.17197	0.177810	4.846638			-0.231529
3.35E-05	-0.038198	31.575586			-0.231529
0.34395	0.272759	8.745650			-0.231529
3.35E-05	0.121722	27.583479			-0.231529
0.51592	0.202375	8.644661			-0.231529
3.35E-05	0.280742	22.283391			-0.231529
0.68790	0.462656	10.543673			-0.231529
3.35E-05	0.440213	15.675121			-0.231529
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REL_DIST	T	M2	P	M3	V2
0.00000	0.202375	46.801163			-0.621110
0.000325	-0.541950	193.058634			-0.621110
0.17197	0.202375	46.801163			-0.621110
0.000325	-0.114148	160.823421			-0.621110
0.34395	0.202375	46.801163			-0.621110
0.000325	0.313653	128.588207			-0.621110
0.51592	0.202375	46.801163			-0.621110
0.000325	0.741455	96.352993			-0.621110
0.68790	0.202375	46.801163			-0.621110
0.000325	1.169257	64.117780			-0.621110
ELEM	149	=====	LENGTH =		
4.004429					
LOAD STEEL					
REL_DIST	T	M2	P	M3	V2
0.31215	-0.599487	-11.662089			-0.257373
9.02E-05	-0.499922	13.566570			-0.257373
0.48412	-0.504546	-9.763526			-0.257373
9.02E-05	-0.322693	20.943487			-0.257373
0.65608	-0.409604	-7.864963			-0.257373
9.02E-05	-0.145465	27.013040			-0.257373
0.82804	-0.314663	-5.966400			-0.257373
9.02E-05	0.031764	31.775229			-0.257373
1.00000	-0.219721	-4.067838			-0.257373
9.02E-05	0.208993	35.230054			-0.257373
LOAD CONC					
REL_DIST	T	M2	P	M3	V2
0.31215	-2.413747	-45.256456			-0.700053
0.000660	-1.372003	70.045863			-0.700053
0.17198	0.255408	5.480787			-0.700053
0.000660	-0.889841	101.209789			-0.700053
0.65608	-2.413747	-45.256456			-0.700053
0.000660	-0.407880	132.373713			-0.700053
0.82804	-2.413747	-45.256456			-0.700053
0.000660	0.074811	163.537641			-0.700053
1.00000	-2.413747	-45.256456			-0.700053
0.000660	0.556242	194.701566			-0.700053
ELEM	150	=====	LENGTH =		
4.005428					
LOAD STEEL					
REL_DIST	T	M2	P	M3	V2
0.00000	0.170454	3.581534			-0.249475
6.55E-05	-0.208626	28.199053			-0.249475
0.17198	0.255408	5.480787			-0.249475
6.55E-05	-0.036673	32.077332			-0.249475
0.34396	0.380358	7.380041			-0.249475
6.55E-05	0.135179	27.648097			-0.249475
0.51594	0.455311	9.279294			-0.249475
6.55E-05	0.307032	21.910148			-0.249475
0.88792	0.550263	11.178547			-0.249475
6.55E-05	0.478885	14.863885			-0.249475
LOAD CONC					
REL_DIST	T	M2	P	M3	V2
0.00000	2.798333	50.274405			-0.682879
0.000520	-0.581800	194.521635			-0.682879
0.17198	2.798333	50.274405			-0.682879

-0.000151 -0.573512 110.662018 1.058304
0.51593 3.510548 57.345067
-0.000151 -1.302471 71.162768 1.058304
0.68791 3.510548 57.345067
-0.000151 -2.031430 31.663518
ELEM 159 ===== LENGTH =
4.004740
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.31213 -0.620306 -12.402545 0.599389
-0.000262 1.151377 11.887441
0.48410 -0.525361 -10.503767 0.599389
-0.000262 0.738587 19.775058
0.65607 -0.430416 -8.604989 0.599389
-0.000262 0.325797 26.355015
0.82803 -0.335471 -6.706211 0.599389
-0.000262 -0.086993 31.627313 0.599389
1.00000 -0.240526 -4.807433
-0.000262 -0.499783 35.591950
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.31213 -2.360156 -43.518583 1.451103
-0.001128 2.775158 73.798198
0.48410 -2.360156 -43.518583 1.451103
-0.001128 1.775805 103.768797
0.65607 -2.360156 -43.518583 1.451103
-0.001128 0.776452 133.739395
0.82803 -2.360156 -43.518583 1.451103
-0.001128 -0.222900 163.709994
1.00000 -2.360156 -43.518583 1.451103
-0.001128 -1.222523 193.680593
ELEM 160 ===== LENGTH =
4.004784
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.00000 0.221916 3.723831 0.607742
-0.000172 0.502645 35.570291
0.17197 0.316862 5.622639 0.607742
-0.000172 0.084095 32.351854
0.34394 0.411807 7.521447 0.607742
-0.000172 -0.334445 27.825715
0.51590 0.506752 9.420255 0.607742
-0.000172 -0.753004 21.991875
0.68787 0.601698 11.319063 0.607742
-0.000172 -1.171554 14.850333
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.00000 2.618606 54.262925 1.471131
-0.000899 1.205225 193.517782
0.17197 2.618606 54.262925 1.471131
-0.000899 0.192063 156.147127
0.34394 2.618606 54.262925 1.471131
-0.000899 -0.821099 118.776472
0.51590 2.618606 54.262925 1.471131
-0.000899 -1.834261 81.405817
0.68787 2.618606 54.262925 1.471131
-0.000899 -2.847423 44.035162
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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 161 ===== LENGTH =
4.005323
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.31208 -0.531800 -10.749459 0.634590
-0.000362 1.213989 14.742397
0.48406 -0.436849 -8.850278 0.634590
-0.000362 0.776884 21.492848
0.65604 -0.331897 -6.951097 0.634590
-0.000362 0.339739 26.935084
0.82802 -0.246946 -5.051916 0.634590
-0.000362 -0.097386 31.069107
1.00000 -0.151995 -3.152735 0.634590
-0.000362 -0.534511 33.894915
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.31208 -2.265222 -42.399380 1.541175
-0.001349 2.935277 73.662798
0.48406 -2.265222 -42.399380 1.541175
-0.001349 1.873668 102.668795
0.65604 -2.265222 -42.399380 1.541175
-0.001349 0.812059 132.074791
0.82802 -2.265222 -42.399380 1.541175
-0.001349 2.267241 161.280767
1.00000 -2.265222 -42.399380 1.541175
-0.001349 -1.311158 190.486783
ELEM 162 ===== LENGTH =
4.004372
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.00000 0.136758 2.983245 0.624864
-9.73E-05 0.512117 33.932091
0.17196 0.231699 4.881768 0.624864
-9.73E-05 0.081840 31.224194
0.34392 0.326640 6.780292 0.624864
-9.73E-05 -0.348437 27.208988
0.51588 0.421581 8.678815 0.624864
-9.73E-05 -0.787813 21.886472
0.68784 0.516522 10.577338 0.624864
-9.73E-05 -1.208990 15.256646
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.00000 2.267241 49.112472 1.514989
-0.000645 1.229490 190.469777
0.17196 2.267241 49.112472 1.514989
-0.000645 0.166279 156.551274
0.34392 2.267241 49.112472 1.514989
-0.000645 -0.856932 122.832772
0.51588 2.267241 49.112472 1.514989
-0.000645 -1.900143 89.014270
0.68784 2.267241 49.112472 1.514989
-0.000645 -2.943354 55.195767
ELEM 163 ===== LENGTH =
4.005000
LOAD STEEL -----

REL_DIST T M2 P M3 V2 V3
0.31211 -0.543679 -10.221181 0.513673
-0.000279 0.974515 15.513456
0.48408 -0.448732 -8.322224 0.513673
-0.000279 0.620723 21.899341
0.65605 -0.353784 -6.423266 0.513673
-0.000279 0.266930 26.977320
0.82803 -0.258936 -4.524309 0.513673
-0.000279 -0.088662 30.747391
1.00000 -0.163888 -2.625351 0.513673
-0.000279 -0.440654 33.209555
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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 P M3 V2 V3
0.31211 -2.387668 -43.289861 1.249185
-0.000982 2.356576 70.136629
0.48408 -2.387668 -43.289861 1.249185
-0.000982 1.496200 99.952521
0.65605 -2.387668 -43.289861 1.249185
-0.000982 0.635924 129.768413
0.82803 -2.387668 -43.289861 1.249185
-0.000982 -0.224552 159.584304
1.00000 -2.387668 -43.289861 1.249185
-0.000982 -1.084928 189.400196
ELEM 164 ===== LENGTH =
4.005000
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.00000 0.041521 2.658321 0.489644
-9.33E-05 0.398807 33.281821
0.17197 0.136469 4.557279 0.489644
-9.33E-05 0.061564 30.796499
0.34395 0.231417 6.456236 0.489644
-9.33E-05 -0.275678 27.054169
0.51592 0.326365 8.355194 0.489644
-9.33E-05 -0.612920 21.903843
0.68789 0.421313 10.541512 0.489644
-9.33E-05 -0.950163 15.494890
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.00000 1.955791 46.407041 1.187930
-0.000513 0.955551 189.463954
0.17197 0.451800 -9.554270 1.187930
-0.000513 0.137365 47.507804
0.34395 1.955791 46.407041 1.187930
-0.000513 -0.680822 125.541055 1.187930
0.51592 1.955791 46.407041 1.187930
-0.000513 -1.499008 93.578205
0.68789 1.955791 46.407041 1.187930
-0.000513 -2.317195 61.615356
ELEM 165 ===== LENGTH =
4.004726
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.31213 -0.546745 -11.453038 0.307947
-0.000191 0.576481 13.549167
0.48410 -0.451800 -9.554270 0.307947
-0.000191 0.364383 20.782840 0.307947
0.65607 -0.356855 -7.655502 0.307947
-0.000191 0.152306 26.708866
0.82803 -0.261910 -5.756734 0.307947
-0.000191 -0.059772 31.327245
1.00000 -0.168695 -3.857965 0.307947
-0.000191 -0.271849 34.637978
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.31213 -2.298307 -47.543178 0.756789
-0.000589 1.404269 61.660515
0.48410 -2.298307 -47.543178 0.756789
-0.000589 0.883082 94.402624 0.756789
0.65607 -2.298307 -47.543178 0.756789
-0.000589 0.361896 127.144734
0.82803 -2.298307 -47.543178 0.756789
-0.000589 -0.159290 159.886843
1.00000 -2.298307 -47.543178 0.756789
-0.000589 -0.680476 192.628953
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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 166 ===== LENGTH =
4.005670
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.00000 0.123523 3.490821 0.275247
-3.92E-05 0.218889 34.706921
0.17199 0.218889 5.390242 0.275247
-3.92E-05 0.028266 31.647761
0.34397 0.313433 7.289663 0.275247
-3.92E-05 -0.161357 27.280056
0.51596 0.408388 9.189084 0.275247
-3.92E-05 0.350980 21.603807
0.68794 0.503343 11.088505 0.275247
-3.92E-05 -0.540603 14.619014
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.00000 2.260239 47.296265 0.675433
-0.000258 0.523136 192.690780
0.17199 2.260239 47.296265 0.675433
-0.000258 0.057819 160.107553
0.34397 2.260239 47.296265 0.675433
-0.000258 -0.407489 127.525828
0.51596 2.260239 47.296265 0.675433
-0.000258 -0.872816 94.941098
0.68794 2.260239 47.296265 0.675433
-0.000258 -1.338134 62.357871
ELEM 167 ===== LENGTH =
4.004445
LOAD STEEL -----

REL_DIST T M2 P M3 V2 V3
0.31215 -0.541796 -11.309384 0.064138
-2.86E-05 0.171165 13.226109
0.48411 -0.446854 -9.410810 0.064138
-2.86E-05 0.065999 20.360187 0.064138
0.65608 -0.351912 -7.512237 0.064138
-2.86E-05 0.021833 26.186887
0.82804 -0.256970 -5.613663 0.064138
-2.86E-05 0.022333 30.708208 0.064138
1.00000 -0.162028 -3.715090
-2.86E-05 -0.066499 33.918150
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.31215 -2.355923 -47.857826 0.177900
-4.79E-05 0.297745 58.091222 0.177900
-4.79E-05 -2.355923 -47.857826 0.177900
-4.79E-05 0.175240 91.046657 0.177900
0.65608 -2.355923 -47.857826 0.177900
-4.79E-05 0.052736 124.002091 0.177900
0.82804 -2.355923 -47.857826 0.177900
-4.79E-05 -0.069768 156.957526 0.177900
1.00000 -2.355923 -47.857826 0.177900
-4.79E-05 -0.192272 189.912961
ELEM 168 ===== LENGTH =
4.005442
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.00000 0.081489 2.888360 0.030048
-3.74E-05 0.010075 33.991718 0.030048
0.17198 0.176442 4.787623 0.030048
-3.74E-05 -0.010624 31.347878
0.34396 0.271339 6.686866 0.030048
-3.74E-05 -0.031323 27.395709 0.030048
0.51594 0.366347 8.586150 0.030048
-3.74E-05 -0.052022 22.135214 0.030048
0.68792 0.461300 10.485413 0.030048
-3.74E-05 -0.072720 15.563931
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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 P M3 V2 V3
0.00000 2.092748 45.226335 0.093587
-0.000131 0.029881 189.979130 0.093587
0.17198 2.092748 45.226335
-0.000131 -0.034577 158.924495 0.093587
0.34396 2.092748 45.226335 0.093587
-0.000131 -0.099055 127.669860 0.093587
0.51594 2.092748 45.226335 0.093587
-0.000131 -0.163524 96.515225 0.093587
0.68792 2.092748 45.226335
-0.000131 -0.227992 65.360590
ELEM 169 ===== LENGTH =
4.005203
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.31209 -0.512413 -11.344780 -0.204286
0.000121 -0.404068 12.669525 -0.204286
0.48407 -0.471463 -9.445682 -0.204286
0.000121 -0.263355 19.829767 -0.204286
0.65605 -0.322513 27.546584 -0.204286
0.000121 -0.122643 25.681910 -0.204286
0.82802 -0.227563 -5.647486 -0.204286
0.000121 0.180699 30.225952 -0.204286
1.00000 -0.132613 -3.748388 -0.204286
0.000121 0.158782 33.461894
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.31209 -2.238255 -47.914006 -0.459418
0.000499 -0.922711 54.864929 -0.459418
0.48407 -2.238255 -47.914006 -0.459418
0.000499 -0.606264 87.888129 -0.459418
0.65605 -2.238255 -47.914006 -0.459418
0.000499 -0.289816 120.891329 -0.459418
0.82802 -2.238255 -47.914006 -0.459418
0.000499 0.026631 153.894529 -0.459418
1.00000 -2.238255 -47.914006 -0.459418
0.000499 0.343078 186.897729 -0.459418
ELEM 170 ===== LENGTH =
4.005203
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.00000 0.101497 2.719699 -0.236220
-5.33E-06 -0.212629 33.522961 -0.236220
0.17198 0.196447 4.618797 -0.236220
-5.33E-06 -0.049920 30.995580 -0.236220
0.34395 0.291397 6.517895 -0.236220
-5.33E-06 0.127859 27.160100 -0.236220
0.51593 0.396347 8.416993 -0.236220
-5.33E-06 0.275497 22.016519 -0.236220
0.68791 0.481297 10.316091 -0.236220
-5.33E-06 0.438206 15.564839 -0.236220
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.00000 2.180756 44.720476 -0.538984
4.21E-05 -0.499191 186.940566 -0.538984
0.17198 2.180756 44.720476 -0.538984
4.21E-05 -0.127939 156.130711 -0.538984
0.34395 2.180756 44.720476 -0.538984
4.21E-05 0.243313 125.335577 -0.538984
0.51593 2.180756 44.720476 -0.538984
4.21E-05 0.614566 94.530083 -0.538984
0.68791 2.180756 44.720476 -0.538984
4.21E-05 0.885818 63.726589 -0.538984
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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 171 ===== LENGTH =
4.005006
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.31212 -0.403286 -9.455704 -0.960129
-0.000239 -1.818431 15.865615 -0.960129
0.48409 -0.308340 -7.556878 -0.960129
-0.000239 -1.157181 27.723918 -0.960129
0.65606 -0.213395 -5.658052 -0.960129
-0.000239 -0.495945 26.274495 -0.960129
0.82803 -0.118449 -3.759226 -0.960129
-0.000239 0.165298 29.517346 -0.960129
1.00000 -0.235303 -1.860400 -0.960129

T M2 M3
0.31211 -0.589242 -11.805748 -0.467929
0.000222 -0.906073 11.936251
0.48408 -0.494294 -9.906787 -0.467929
0.000222 -0.583785 19.415521
0.65605 -0.399346 -8.007825 -0.467929
0.000222 -0.261498 25.584879
0.82803 -0.304398 -6.108863 -0.467929
0.000222 0.060789 30.446324
1.00000 -0.209450 -4.209901 -0.467929
0.000222 0.383076 33.998956
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.31211 -2.506294 -48.533270 -1.089643
0.000848 -2.122355 52.024036
0.48408 -2.506294 -48.533270 -1.089643
0.000848 -1.371862 85.451398
0.65605 -2.506294 -48.533270 -1.089643
0.000848 -0.821369 118.878761
0.82803 -2.506294 -48.533270 -1.089643
0.000848 0.129124 152.306123
1.00000 -2.506294 -48.533270 -1.089643
0.000848 0.879618 185.733485
ELEM 172 ===== LENGTH =
4.005006
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.00000 0.102405 3.761593 -0.494315
8.31E-05 -0.429575 34.048769 -0.494315
0.17197 0.197353 5.660555 -0.494315
8.31E-05 -0.089115 30.804010 -0.494315
0.34395 -0.292301 26.595916 -0.494315
8.31E-05 0.251348 26.251348 -0.494315
0.51592 0.387249 9.458478 -0.494315
0.83048 0.591805 20.390754 -0.494315
0.68789 0.482197 11.357440 -0.494315
8.31E-05 0.932265 13.222556
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.00000 2.122799 48.238314 -1.157324
0.000447 -1.015991 185.733485 -1.157324
0.17197 2.122799 48.238314 -1.157324
0.000447 -0.221883 152.510897 -1.157324
0.34395 2.122799 48.238314 -1.157324
0.000447 0.575226 119.286686 -1.157324
0.51592 2.122799 48.238314 -1.157324
0.000447 1.572333 86.062474 -1.157324
2.122799 48.238314 -1.157324
0.000447 2.169444 52.838263
ELEM 173 ===== LENGTH =
4.004852
LOAD STEEL -----
REL_DIST T M2 P M3 V2 V3
0.31212 -0.481663 -9.302127 -0.720618
0.000670 -1.388539 15.185735
0.48409 -0.386717 -7.403272 -0.720618
0.000670 -0.892240 20.938348
0.65606 -0.291771 -5.504417 -0.720618
0.000670 -0.395941 25.383194 -0.720618
0.82803 -0.196825 -3.605562 -0.720618
0.000670 0.100375 28.502774 -0.720618
1.00000 -0.101879 -1.706707 -0.720618
0.000670 0.596656 30.349588 -0.720618
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F O R C E S
LOAD CONC -----
REL_DIST T M2 P M3 V2 V3
0.31212 -2.069318 -39.755965 -1.703201
0.002486 -2.293733 61.295761
0.48409 -2.068318 -39.755965 -1.703201
0.002486 -2.120723 88.676208 -1.703201
0.65606 -2.068318 -39.755965 -1.703201
0.002486 -0.947706 116.056655 -1.703201
0.82803 -2.068318 -39.755965 -1.703201
0.002486 0.225311 1

-0.000239	0.826541	31.452471		
LOAD	CONC			
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31212	-1.643864	-40.966545	-2.296705	
-0.000636	-4.359780	59.025027		
0.48409	-1.643864	-40.966545	-2.296705	
-0.000636	-2.778034	87.238785		
0.65606	-1.643864	-40.966545	-2.296705	
-0.000636	-1.196288	115.452544		
0.82803	-1.643864	-40.966545	-2.296705	
-0.000636	0.385459	143.666302		
1.00000	-1.643864	-40.966545	-2.296705	
-0.000636	1.967205	171.880060		
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FRAME ELEMENT INTERNAL
FORCES

ELEM 176 ===== LENGTH =
4.004810

LOAD STEEL -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.187101	5.526271	-0.960364	
0.000964	-0.836692	31.433270		
0.17197	0.282047	7.425097	-0.960364	
0.000964	-0.175287	26.973451		
0.34394	0.376993	9.323923	-0.960364	
0.000964	0.486119	21.205906		
0.51591	-0.171939	11.222748	-0.960364	
0.000964	1.147523	14.130635		
0.68788	0.566884	13.121574	-0.960364	
0.000964	1.808928	5.747639		

LOAD CONC -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.381153	60.336202	-2.309674	
0.003690	-2.025118	171.719656		
0.17197	0.381153	60.336202	-2.309674	
-0.003690	-0.434440	130.165969		
0.34394	0.381153	60.336202	-2.309674	
0.003690	1.156238	88.612281		
0.51591	0.381153	60.336202	-2.309674	
0.003690	2.746916	47.058594		
0.68788	0.381153	60.336202	-2.309674	
0.003690	4.337594	5.504906		

ELEM 177 ===== LENGTH =
4.004670

LOAD STEEL -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31214	-0.367774	-1.273420	-0.842186	
0.020211	-1.794296	59.416089		
0.48410	-0.250227	10.077323	-0.842186	
0.020211	-1.214310	59.483611		
0.65607	-0.132680	3.428066	-0.842186	
0.020211	-0.634324	57.932254		
0.82803	-0.015133	5.778809	-0.842186	
0.020211	-0.054338	54.762016		
1.00000	0.102413	8.129551	-0.842186	
0.020211	0.525648	49.972897		

LOAD CONC -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31214	0.630648	27.507741	-2.049087	
0.016214	-4.353870	276.571615		
0.48410	0.630648	27.507741	-2.049087	
0.016214	-2.942731	257.627925		
0.65607	0.630648	27.507741	-2.049087	
0.016214	-1.531591	238.684235		
0.82803	0.630648	27.507741	-2.049087	
0.016214	-0.120451	219.740544		
1.00000	0.630648	27.507741	-2.049087	
0.016214	1.290688	200.796854		

ELEM 178 ===== LENGTH =
4.005666

LOAD STEEL -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.755350	12.470307	-0.819005	
-0.001004	-0.503717	49.946588		
0.17199	0.872910	14.821903	-0.819005	
-0.001004	0.605059	40.545559		
0.34397	0.990470	17.173498	-0.819005	
-0.001004	0.624736	29.524478		
0.51596	1.108031	12.952094	-0.819005	
-0.001004	1.188962	16.883343		
0.68794	1.225591	21.766990	-0.819005	
-0.001004	1.753188	2.622154		
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FRAME ELEMENT INTERNAL
FORCES

LOAD CONC -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	3.611710	65.900064	-1.980794	
-0.011955	-1.234249	200.732583		
0.17199	3.611710	65.900064	-1.980794	
-0.011955	0.130353	155.332933		
0.34397	3.611710	65.900064	-1.980794	
-0.011955	0.404955	109.932894		
0.51596	3.611710	65.900064	-1.980794	
-0.011955	2.895957	64.533635		
0.68794	3.611710	65.900064	-1.980794	
-0.011955	4.224159	19.133985		

ELEM 179 ===== LENGTH =
4.521045

LOAD STEEL -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.128573	-4.368702	-0.426142	
0.000148	-1.006306	-0.066625		
0.25000	0.093611	-3.006505	-0.426142	
0.000148	-0.524654	4.101331		
0.50000	-0.058649	-1.644307	-0.426142	
0.000148	-0.043002	6.729647		
0.75000	0.032686	-0.282109	-0.426142	
0.000148	0.438650	7.818323		
1.00000	-0.011276	1.080089	-0.426142	
0.000148	0.920301	7.367360		

LOAD	CONC			
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	1.055700	-38.497087	-1.032314	
0.000627	-2.453812	-0.204386		
0.25000	0.510651	-17.261034	-1.032314	
0.000627	-1.287028	31.306237		
0.50000	0.080771	3.975019	-1.032314	
0.000627	-0.120243	38.814571		
0.75000	-0.579448	25.211072	-1.032314	
0.000627	1.046542	23.202616		
1.00000	-1.124498	46.447125	-1.032314	
0.000627	2.213326	-18.175627		
ELEM	180	=====	LENGTH =	
5.022361				

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FRAME ELEMENT INTERNAL
FORCES

LOAD CONC -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.172005	-6.301572	-0.271937	
0.000124	-0.708209	7.295000		
0.25000	0.126388	-4.512263	-0.271937	
0.000124	-0.368768	14.083973		
0.50000	0.080771	2.722954	-0.271937	
0.000124	-0.025327	18.626108		
0.75000	0.035153	-0.933645	-0.271937	
0.000124	0.316115	20.921703		
1.00000	-0.010464	0.855664	-0.271937	
0.000124	0.657556	20.970660		

LOAD CONC -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	1.454017	-54.917863	-0.644286	
0.000532	-1.678560	-18.323004		
0.25000	0.852580	-31.326842	-0.644286	
0.000532	-0.869601	35.821005		
0.50000	0.251144	-7.735821	-0.644286	
0.000532	-0.080642	60.344356		
0.75000	-0.350293	15.855200	-0.644286	
0.000532	0.748316	55.247049		
1.00000	-0.951730	39.446221	-0.644286	
0.000532	1.557275	20.529084		
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FRAME ELEMENT INTERNAL
FORCES

ELEM 181 ===== LENGTH =
5.022252

LOAD STEEL -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.077423	-3.286635	-0.200940	
7.13E-05	-0.541506	20.910398		
0.25000	0.031450	-1.497383	-0.200940	
7.13E-05	-0.289213	23.913716		
0.50000	-0.014524	0.291869	-0.200940	
7.13E-05	-0.036919	24.670516		
0.75000	-0.060497	2.081120	-0.200940	
7.13E-05	0.215374	23.180797		
1.00000	-0.106470	3.870372	-0.200940	
7.13E-05	0.467667	19.444560		

LOAD CONC -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	1.187841	-45.922257	-0.473675	
0.000319	-1.279333	20.387320		
0.25000	0.581709	-22.331990	-0.473675	
0.000319	-0.684605	63.236075		
0.50000	-0.024423	1.258277	-0.473675	
0.000319	-0.089878	76.465763		
0.75000	-0.630555	24.848544	-0.473675	
0.000319	0.504852	60.076384		
1.00000	-1.236688	48.438810	-0.473675	
0.000319	1.099580	14.067937		

ELEM 182 ===== LENGTH =
5.023147

LOAD STEEL -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.068358	-4.023383	-0.115349	
3.24E-05	-0.327463	19.404675		
0.25000	0.022740	-2.312794	-0.115349	
3.24E-05	-0.182610	23.432723		
0.50000	-0.022877	-0.523205	-0.115349	
3.24E-05	-0.037757	25.213428		
0.75000	-0.068494	1.266384	-0.115349	
3.24E-05	0.107097	24.746791		
1.00000	-0.114111	3.055973	-0.115349	
3.24E-05	0.251950	22.032811		

LOAD CONC -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	1.170949	-48.416389	-0.268402	
0.000158	-0.764033	13.974373		
0.25000	0.569512	-24.821672	-0.268402	
0.000158	-0.426977	59.960069		
0.50000	-0.031925	-1.226955	-0.268402	
0.000158	-0.089922	76.315830		
0.75000	-0.633361	22.367763	-0.268402	
0.000158	0.247134	63.041656		
1.00000	-1.234798	45.962480	-0.268402	
0.000158	0.584189	20.137546		

ELEM 183 ===== LENGTH =
5.022156

LOAD STEEL -----

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.019868	-3.416256	-0.026704	
-5.79E-06	-0.106501	22.014778		
0.25000	-0.026105	-1.627038	-0.026704	
-5.79E-06	-0.072977	25.180804		
0.50000	-0.027078	0.162179	-0.026704	
-5.79E-06	-0.039446	26.100398		
0.75000	-0.118052	1.951396	-0.026704	
-5.79E-06	-0.005919	24.773560		
1.00000	-0.164028	3.710614	-0.026704	
-5.79E-06	0.027609	21.200290		
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FRAME ELEMENT INTERNAL
FORCES

LOAD	CONC			
REL_DIST	M2	P	V2	V3
T	M2	M3		</

0.000205	0.189795	-25.066540			
1.00000	-1.114742	-45.174611	-0.109580		
0.000205	0.327405	-66.981552			
ELEM	192	=====	LENGTH =		
5.022640					
LOAD	STEEL	-----			
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	0.151471	-4.992358		-0.074033	
2.41E-05	-0.174648	-13.476932			
0.25000	0.105854	-3.202950		-0.074033	
2.41E-05	-0.081687	-8.331672			
0.50000	0.060237	-1.413542		-0.074033	
2.41E-05	0.011273	-5.433300			
0.75000	0.014619	0.375866		-0.074033	
2.41E-05	0.104233	-4.781816			
1.00000	-0.030998	42.165274	-0.074033		
2.41E-05	0.197194	-6.377221			
LOAD	CONC	-----			
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	1.399193	-51.094249	-0.203170		
0.000247	-0.481115	-66.972775			
0.25000	0.797757	-27.501919	-0.203170		
0.000247	-0.226003	-17.627746			
0.50000	0.196320	-3.909589	-0.203170		
0.000247	0.029109	2.093340			
0.75000	-0.405116	19.652740	-0.203170		
0.000247	0.284221	-7.809517			
1.00000	-1.006553	43.275070	-0.203170		
0.000247	0.539333	-47.336316			
ELEM	193	=====	LENGTH =		
5.022213					
LOAD	STEEL	-----			
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	0.169950	-2.491122	-0.082840		
2.62E-05	-0.210704	-6.388596			
0.25000	0.123977	-3.701884	-0.082840		
2.62E-05	-0.106694	-0.617441			
0.50000	0.078003	-1.912646	-0.082840		
2.62E-05	-0.002684	2.907230			
0.75000	0.032030	-2.683611	-0.082840		
2.62E-05	-0.101325	4.185415			
1.00000	-0.013943	1.665829	-0.082840		
2.62E-05	0.205335	3.217122			
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FRAME ELEMENT INTERNAL FORCES					
LOAD	CONC	-----			
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	1.151751	-52.342654	-0.224712		
0.000205	-0.573382	-47.342136			
0.25000	0.845619	-28.752570	-0.224712		
0.000205	-0.291244	3.567553			
0.50000	0.239487	-5.162485	-0.224712		
0.000205	-0.009107	24.858633			
0.75000	-0.166845	18.427599	-0.224712		
0.000205	0.273030	16.531105			
1.00000	-0.972778	42.017683	-0.224712		
0.000205	0.555168	-21.415033			
ELEM	194	=====	LENGTH =		
5.022814					
LOAD	STEEL	-----			
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	0.136106	-4.489541	-0.061882		
1.94E-05	-0.169612	3.198296			
0.25000	0.090489	-2.700071	-0.061882		
1.94E-05	-0.091906	7.712307			
0.50000	0.044872	-0.010600	-0.061882		
1.94E-05	-0.014200	9.979274			
0.75000	-0.000745	0.788707	-0.061882		
1.94E-05	0.063506	9.999196			
1.00000	-0.046362	2.668340	-0.061882		
1.94E-05	0.141212	7.772073			
LOAD	CONC	-----			
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	1.347266	-49.525347	-0.165414		
0.000126	-0.455209	-21.465813			
0.25000	0.745830	-25.932195	-0.165414		
0.000126	-0.247498	25.910341			
0.50000	0.144393	-2.339043	-0.165414		
0.000126	-0.039787	43.660489			
0.75000	-0.457044	21.254109	-0.165414		
0.000126	0.167925	31.784630			
1.00000	-1.058480	44.847260	-0.165414		
0.000126	0.375636	-9.717234			
ELEM	195	=====	LENGTH =		
5.022482					
LOAD	STEEL	-----			
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	0.108743	-3.929908	-0.022058		
5.98E-06	-0.074475	7.761392			
0.25000	0.062770	-2.140575	-0.022058		
5.98E-06	-0.046778	11.572503			
0.50000	0.016796	-0.351241	-0.022058		
5.98E-06	-0.019081	13.36891			
0.75000	-0.029177	1.438092	-0.022058		
5.98E-06	0.008616	12.455454			
1.00000	-0.077510	3.227426	-0.022058		
5.98E-06	0.036312	9.525495			
LOAD	CONC	-----			
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	1.279564	-48.046229	-0.056058		
2.42E-05	-0.129295	-9.744069			
0.25000	0.673432	-24.454883	-0.056058		
2.42E-05	-0.122607	35.772033			
0.50000	0.067300	-0.863537	-0.056058		
2.42E-05	-0.052219	51.667196			
0.75000	-0.538833	22.727809	-0.056058		
2.42E-05	0.018169	37.940583			
1.00000	-1.144965	46.319155	-0.056058		
2.42E-05	0.088557	-5.407806			
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FRAME FORCES		ELEMENT		INTERNAL	
ELEM	196	=====			LENGTH =
5.022192					
LOAD STEEL -----					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	0.075490		-3.281645		0.023404
-8.97E-06	0.039508		9.516889		
0.25000	0.029873		-1.492397		0.023404
-8.97E-06	0.010123		12.513908		
0.50000	-0.015745		0.296851		0.023404
-8.97E-06	-0.019261		13.264441		
0.75000	-0.061362		2.086100		0.023404
-8.97E-06	-0.048646		11.768487		
1.00000	-0.106979		3.875348		0.023404
-8.97E-06	-0.078030		8.026045		
LOAD CONC -----					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	1.181440		-46.312154		0.067490
-8.53E-05	0.117309		-5.455773		
0.25000	0.580003		-22.721931		0.067490
-8.53E-05	0.032572		37.882028		
0.50000	-0.021434		0.868292		0.067490
-8.53E-05	-0.052165		51.601173		
0.75000	-0.622870		24.458514		0.067490
-8.53E-05	-0.136902		35.701664		
1.00000	-1.224307		48.048737		0.067490
-8.53E-05	-0.221640		-9.816499		
ELEM	197	=====			LENGTH =
5.023003					
LOAD STEEL -----					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	0.047599		-2.684948		0.063054
-2.07E-05	0.143956		0.026475		
0.25000	0.001626		-0.895428		0.063054
-2.07E-05	0.064776		10.276505		
0.50000	-0.044348		0.894092		0.063054
-2.07E-05	-0.014405		10.277344		
0.75000	-0.090321		2.683611		0.063054
-2.07E-05	-0.035855		8.003992		
1.00000	-0.136294		4.713131		0.063054
-2.07E-05	-0.172766		3.537449		
LOAD CONC -----					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	1.113253		-44.722970		0.174693
-0.000183	0.400088		-9.834357		
0.25000	0.507120		-21.129170		0.174693
-0.000183	0.180718		31.512582		
0.50000	-0.099012		2.464630		0.174693
-0.000183	-0.038653		43.231588		
0.75000	-0.705144		26.058430		0.174693
-0.000183	-0.258024		25.322660		
1.00000	-1.311277		49.652230		0.174693
-0.000183	-0.477394		-22.214203		
ELEM	198	=====			LENGTH =
5.022799					
LOAD STEEL -----					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	0.017145		-1.763487		0.083674
-2.44E-05	0.206824		3.555650		
0.25000	-0.028472		0.025977		0.083674
-2.44E-05	0.101755		4.847446		
0.50000	-0.074089		1.815442		0.083674
-2.44E-05	-0.003314		3.491311		
0.75000	-0.119706		3.604907		0.083674
-2.44E-05	-0.108384		0.088146		
1.00000	-0.165324		5.394372		0.083674
-2.44E-05	-0.213453		-5.562050		
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FRAME FORCES		ELEMENT		INTERNAL	
LOAD	CONC	-----			
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	1.020473		-42.143021		0.229691
-0.000242	0.568790		-22.161474		
0.25000	0.419037		-18.549944		0.229691
-0.000242	0.280367		15.944594		
0.50000	-0.162400		5.043133		0.229691
-0.000242	-0.008056		24.424843		
0.75000	-0.783837		28.636211		0.229691
-0.000242	-0.296478		3.279273		
1.00000	-1.385273		52.229288		0.229691
-0.000242	-0.584901		-47.492117		
ELEM	199	=====			LENGTH =
5.022719					
LOAD STEEL -----					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	0.031035		-2.106597		0.074662
-2.02E-05	0.197951		-5.532896		
0.25000	-0.014939		-0.317178		0.074662
-2.02E-05	0.104199		-4.011153		
0.50000	-0.060912		1.472240		0.074662
-2.02E-05	0.010447		-4.736347		
0.75000	-0.106885		3.261658		0.074662
-2.02E-05	-0.083304		-7.708476		
1.00000	-0.152859		5.051076		0.074662
-2.02E-05	-0.177056		-12.927542		
LOAD CONC -----					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	1.010024		-43.373721		0.204042
-0.000244	0.541642		-47.388067		
0.25000	0.464892		-19.781258		0.204042
-0.000244	0.285431		-7.736852		
0.50000	-0.141240		3.811205		0.204042
-0.000244	0.029219		2.289784		
0.75000	-0.747373		27.403668		0.204042
-0.000244	-0.226993		-17.308158		
1.00000	-1.353505		50.996130		0.204042
-0.000244	-0.483205		-66.530678		
ELEM	200	=====			LENGTH =
5.022665					
LOAD STEEL -----					
REL_DIST	M2	P	M3	V2	V3
T					

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< BEFORE		COMPOSITE		SELF-WEIGHT LOAD >	
FRAME FORCES		ELEMENT		INTERNAL	
LOAD CONC					
REL DIST	T	M2	P	M3	V3
0.00000	0.00000	1.071258	-42.007109		0.227265
-0.000209	-0.000209	0.560930	-21.388208		
0.25000	0.25000	0.465126	-18.416908		0.227265
-0.000209	-0.000209	0.275586	16.544769		
0.50000	0.50000	-0.141006	5.173294		0.227265
-0.000209	-0.000209	-0.009758	24.858842		
0.75000	0.75000	-0.747139	28.763496		0.227265
-0.000209	-0.000209	-0.295103	3.554011		
1.00000	1.00000	-1.353271	52.353698		0.227265
-0.000209	-0.000209	-0.580447	-47.369724		
ELEM 5.022640		209		===== LENGTH =	
LOAD STEEL					
REL DIST	T	M2	P	M3	V3
0.00000	0.00000	0.053759	-2.163525		0.076423
-2.00E-05	-2.00E-05	0.003187	-6.372276		
0.25000	0.25000	0.008142	-0.374117		0.076423
-2.00E-05	-2.00E-05	0.107072	-4.779069		
0.50000	0.50000	-0.037475	1.415291		0.076423
-2.00E-05	-2.00E-05	0.011111	-5.432749		
0.75000	0.75000	-0.083093	3.204699		0.076423
-2.00E-05	-2.00E-05	-0.084650	-8.333318		
1.00000	1.00000	-0.128710	4.994108		0.076423
-2.00E-05	-2.00E-05	-0.180812	-13.480775		
LOAD CONC <th colspan="2"></th> <th colspan="2"></th>					
REL DIST	T	M2	P	M3	V3
0.00000	0.00000	1.111362	-43.265598		0.210294
-0.000236	-0.000236	0.565641	-47.311439		
0.25000	0.25000	0.509925	-19.673268		0.210294
-0.000236	-0.000236	0.092483	-7.796534		
0.50000	0.50000	-0.091511	3.919062		0.210294
-0.000236	-0.000236	0.028426	2.094429		
0.75000	0.75000	-0.692948	27.511391		0.210294
-0.000236	-0.000236	-0.235632	-17.638551		
1.00000	1.00000	-1.294384	51.103721		0.210294
-0.000236	-0.000236	-0.099690	-66.995473		
ELEM 5.023175		210		===== LENGTH =	
LOAD STEEL					
REL DIST	T	M2	P	M3	V3
0.00000	0.00000	0.088760	-2.690231		0.041666
-4.09E-06	-4.09E-06	0.124699	-13.465363		
0.25000	0.25000	0.042786	-0.900650		0.041666
-4.09E-06	-4.09E-06	0.072375	-11.210661		
0.50000	0.50000	-0.003187	0.888931		0.041666
-4.09E-06	-4.09E-06	0.020051	-11.203303		
0.75000	0.75000	-0.049160	2.678512		0.041666
-4.09E-06	-4.09E-06	-0.032273	-13.443288		
1.00000	1.00000	-0.095134	4.468092		0.041666
-4.09E-06	-4.09E-06	-0.084597	-17.930618		
LOAD CONC <th colspan="2"></th> <th colspan="2"></th>					
REL DIST	T	M2	P	M3	V3
0.00000	0.00000	1.219122	-45.160730		0.120613
-0.000185	-0.000185	0.354657	-66.952329		
0.25000	0.25000	0.612990	-21.566124		0.120613
-0.000185	-0.000185	0.203192	-25.054750		
0.50000	0.50000	0.006858	2.028481		0.120613
-0.000185	-0.000185	0.051727	-12.787125		
0.75000	0.75000	-0.599274	25.623008		0.120613
-0.000185	-0.000185	-0.099738	-30.149456		
1.00000	1.00000	-1.205407	49.217691		0.120613
-0.000185	-0.000185	-0.251203	-77.141743		
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< BEFORE		COMPOSITE		SELF-WEIGHT LOAD >	
FRAME FORCES		ELEMENT		INTERNAL	
ELEM 5.021718 <td colspan="2">211</td> <td colspan="2">===== LENGTH =</td>		211		===== LENGTH =	
LOAD STEEL					
REL DIST	T	M2	P	M3	V3
0.00000	0.00000	0.092243	-1.437044		-0.019050
2.03E-05	2.03E-05	-0.015028	-17.918980		
0.25000	0.25000	0.046626	0.352035		-0.019050
2.03E-05	2.03E-05	0.008998	-17.237304		
0.50000	0.50000	0.001009	2.141114		-0.019050
2.03E-05	2.03E-05	0.032804	-18.802890		
0.75000	0.75000	-0.044608	3.930194		-0.019050
2.03E-05	2.03E-05	0.056720	-22.613940		
1.00000	1.00000	-0.090225	5.719273		-0.019050
2.03E-05	2.03E-05	0.080636	-28.671052		
LOAD CONC <th colspan="2"></th> <th colspan="2"></th>					
REL DIST	T	M2	P	M3	V3
0.00000	0.00000	1.212258	-41.832869		-0.033969
-1.60E-05	-1.60E-05	-0.002975	-77.083734		
0.25000	0.25000	0.610822	-18.244875		-0.033969
-1.60E-05	-1.60E-05	0.039670	-39.372050		
0.50000	0.50000	0.009385	5.343119		-0.033969
-1.60E-05	-1.60E-05	0.082315	-31.273428		
0.75000	0.75000	-0.592015	28.931112		-0.033969
-1.60E-05	-1.60E-05	-0.124961	-52.787867		
1.00000	1.00000	-1.193488	52.519106		-0.033969
-1.60E-05	-1.60E-05	0.167606	-103.915368		
ELEM 5.023367		212		===== LENGTH =	
LOAD STEEL					
REL DIST	T	M2	P	M3	V3
0.00000	0.00000	0.226547	-2.498320		-0.101342
5.04E-05	5.04E-05	-0.216073	-28.702377		
0.25000	0.25000	0.180574	-2.708670		-0.101342
5.04E-05	5.04E-05	-0.088804	-24.176818		
0.50000	0.50000	0.134600	-0.919021		-0.101342
5.04E-05	5.04E-05	0.038465	-21.898915		
0.75000	0.75000	-0.337500	0.670628		-0.101342
5.04E-05	5.04E-05	0.165735	-21.868525		
1.00000	1.00000	-0.042654	2.660278		-0.101342
5.04E-05	5.04E-05	0.293004	-24.085658		
LOAD CONC <th colspan="2"></th> <th colspan="2"></th>					

REL_DIST	T	M2	P	M3	V2	V3
0.00000	0.00000	1.565296	-49.746937	-0.238500		
0.000201	0.000201	-0.503690	-104.030833			
0.25000	0.25000	0.959163	-26.151427	-0.238500		
0.000201	0.000201	-0.204091	-56.372168			
0.50000	0.50000	0.353031	-2.555918	-0.238500		
0.000201	0.000201	0.095428	-38.346227			
0.75000	0.75000	-0.253101	21.036591	-0.238500		
0.000201	0.000201	0.394946	-49.952511			
1.00000	1.00000	-0.859233	44.635100	-0.238500		
0.000201	0.000201	0.694465	-91.191019			
ELEM	213	=====				LENGTH =
5.021984						
LOAD STEEL	-----					
REL_DIST	T	M2	P	M3	V2	V3
0.00000	0.00000	0.285788	-5.603188	-0.177177		
7.08E-05	7.08E-05	-0.418305	-24.121523			
0.25000	0.25000	0.240171	-3.814014	-0.177177		
7.08E-05	7.08E-05	-0.195859	-18.209983			
0.50000	0.50000	0.194554	-2.024840	-0.177177		
7.08E-05	7.08E-05	0.026586	-14.544565			
0.75000	0.75000	0.148937	-0.235666	-0.177177		
7.08E-05	7.08E-05	0.249032	-13.125537			
1.00000	1.00000	0.103319	1.553508	-0.177177		
7.08E-05	7.08E-05	0.471478	-13.952809			
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FRAME FORCES	ELEMENT	INTERNAL	EXTERNAL			
LOAD CONC	-----					
REL_DIST	T	M2	P	M3	V2	V3
0.00000	0.00000	1.697299	-52.131958	-0.427531		
0.000376	0.000376	-1.007881	-91.277225	-0.427531		
0.25000	0.25000	1.095862	-28.542713	-0.427531		
0.000376	0.000376	-0.471118	-40.633864			
0.50000	0.50000	0.494426	-4.953468	-0.427531		
0.000376	0.000376	0.065466	-19.606717			
0.75000	0.75000	-0.107011	18.635777	-0.427531		
0.000376	0.000376	0.602409	-28.195746			
1.00000	1.00000	-0.708447	42.225022	-0.427531		
0.000376	0.000376	1.139173	-66.400989			
ELEM	214	=====				LENGTH =
5.022746						
LOAD STEEL	-----					
REL_DIST	T	M2	P	M3	V2	V3
0.00000	0.00000	0.331449	-6.987135	-0.212639		
7.84E-05	7.84E-05	-0.530024	-14.011845			
0.25000	0.25000	0.285476	-5.197707	-0.212639		
7.84E-05	7.84E-05	-0.263016	-6.361675			
0.50000	0.50000	0.239502	-3.408279	-0.212639		
7.84E-05	7.84E-05	0.003991	-0.958465			
0.75000	0.75000	0.193529	-1.618852	-0.212639		
7.84E-05	7.84E-05	0.270999	2.197785			
1.00000	1.00000	0.147556	0.170576	-0.212639		
7.84E-05	7.84E-05	0.538006	3.107075			
LOAD CONC	-----					
REL_DIST	T	M2	P	M3	V2	V3
0.00000	0.00000	1.819544	-55.650403	-0.515906		
0.000398	0.000398	-1.286080	-66.570787			
0.25000	0.25000	1.213412	-32.057815	-0.515906		
0.000398	0.000398	-0.638243	-11.503780			
0.50000	0.50000	0.607280	-8.465228	-0.515906		
0.000398	0.000398	0.009574	13.938337			
0.75000	0.75000	0.001147	15.127359	-0.515906		
0.000398	0.000398	0.657390	9.755564			
1.00000	1.00000	-0.604985	38.719947	-0.515906		
0.000398	0.000398	1.305207	-24.052101			
ELEM	215	=====				LENGTH =
5.022515						
LOAD STEEL	-----					
REL_DIST	T	M2	P	M3	V2	V3
0.00000	0.00000	0.295105	-5.970433	-0.194270		
7.12E-05	7.12E-05	-0.507644	-3.045680			
0.25000	0.25000	0.249488	-4.181069	-0.194270		
7.12E-05	7.12E-05	-0.263713	9.418938			
0.50000	0.50000	0.203871	-2.391705	-0.194270		
7.12E-05	7.12E-05	-0.019782	13.544521			
0.75000	0.75000	0.185253	-0.602342	-0.194270		
7.12E-05	7.12E-05	0.224149	15.425126			
1.00000	1.00000	0.112635	1.187022	-0.194270		
7.12E-05	7.12E-05	0.468081	15.058055			
LOAD CONC	-----					
REL_DIST	T	M2	P	M3	V2	V3
0.00000	0.00000	1.713278	-52.874812	-0.471741		
0.000330	0.000330	-1.233065	-24.229476			
0.25000	0.25000	1.111842	-29.283068	-0.471741		
0.000330	0.000330	-0.640733	27.350423			
0.50000	0.50000	0.510405	-5.691325	-0.471741		
0.000330	0.000330	-0.048401	49.307851			
0.75000	0.75000	-0.091031	17.900419	-0.471741		
0.000330	0.000330	0.543991	11.642805			
1.00000	1.00000	-0.924648	41.492163	-0.471741		
0.000330	0.000330	1.136263	4.355287			
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FRAME FORCES	ELEMENT	INTERNAL	EXTERNAL			
ELEM	216	=====				LENGTH =
5.023392						
LOAD STEEL	-----					
REL_DIST	T	M2	P	M3	V2	V3
0.00000	0.00000	0.224714	-4.999153	-0.135128		
5.00E-05	5.00E-05	-0.370598	15.015951			
0.25000	0.25000	0.178740	-2.309494	-0.135128		
5.00E-05	5.00E-05	-0.200897	19.040095			
0.50000	0.50000	0.132767	-0.519866	-0.135128		
5.00E-05	5.00E-05	-0.031196	20.666699			
0.75000	0.75000	0.086794	1.269822	-0.135128		
5.00E-05	5.00E-05	0.138504	20.345765			
1.00000	1.00000	0.040820	3.059480	-0.135128		
5.00E-05	5.00E-05	0.308205	17.627293			
LOAD CONC	-----					

.000000 1.40E-10 8.38E-10
ELEM 225 ===== LENGTH =
1.300000
LOAD STEEL -----
REL_DIST P V2 V3
M2 M3
-1013.537 -0.150205 0.726127
0.943965 -0.195266
0.25000 -1013.537 -0.150205 0.726127
0.707974 -0.146449
0.50000 -1013.537 -0.150205 0.726127
0.471983 -0.097633
0.75000 -1013.537 -0.150205 0.726127
0.235991 -0.048816
1.00000 -1013.537 -0.150205 0.726127
0.407E-11 2.81E-15
LOAD CONC -----
REL_DIST P V2 V3
M2 M3
-2497.072 -0.422049 1.556102
2.022933 -0.548663
0.25000 -2497.072 -0.422049 1.556102
1.517200 -0.411497
0.50000 -2497.072 -0.422049 1.556102
1.011466 -0.274332
0.75000 -2497.072 -0.422049 1.556102
0.505733 -0.137166
0.75000 -2497.072 -0.422049 1.556102
1.80E-16 -4.55E-14
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FRAME ELEMENT INTERNAL
FORCES
ELEM 226 ===== LENGTH =
1.300000
LOAD STEEL -----
REL_DIST P V2 V3
M2 M3
-1424.090 -0.014663 -0.797767
-1.037097 -0.019082
0.25000 -1424.090 -0.014663 -0.797767
-0.777823 -0.014297
0.50000 -1424.090 -0.014663 -0.797767
-0.518546 -0.009531
0.75000 -1424.090 -0.014663 -0.797767
-0.259274 -0.004766
1.00000 -1424.090 -0.014663 -0.797767
1.16E-11 -3.26E-10
LOAD CONC -----
REL_DIST P V2 V3
M2 M3
-3201.458 -0.032552 -1.771024
-2.302333 -0.042318
0.25000 -3201.458 -0.032552 -1.771024
-1.726748 -0.031738
0.50000 -3201.458 -0.032552 -1.771024
-1.151165 -0.021159
0.75000 -3201.458 -0.032552 -1.771024
-0.575583 -0.010579
1.00000 -3201.458 -0.032552 -1.771024
3.73E-10 -1.49E-09
ELEM 227 ===== LENGTH =
1.200000
LOAD STEEL -----
REL_DIST P V2 V3
M2 M3
-412.718245 0.015001 0.410277
-5.68E-14 0.492333 0.018001
0.25000 -412.718245 0.015001 0.410277
-5.68E-14 0.369249 0.015001
0.50000 -412.718245 0.015001 0.410277
-5.68E-14 0.246166 0.009001
0.75000 -412.718245 0.015001 0.410277
-5.68E-14 0.123083 0.004500
1.00000 -412.718245 0.015001 0.410277
-5.68E-14 5.82E-12 5.96E-09
LOAD CONC -----
REL_DIST P V2 V3
M2 M3
-999.414744 0.025172 0.688459
-0.227E-13 0.826150 0.030207
0.25000 -999.414744 0.025172 0.688459
-0.227E-13 0.619613 0.022655
0.50000 -999.414744 0.025172 0.688459
-0.227E-13 0.413074 0.015103
0.75000 -999.414744 0.025172 0.688459
-0.227E-13 0.206538 0.007552
1.00000 -999.414744 0.025172 0.688459
-0.227E-13 1.14E-10 6.71E-09
ELEM 228 ===== LENGTH =
1.200000
LOAD STEEL -----
REL_DIST P V2 V3
M2 M3
-437.934556 5.59E-09 0.000000
-2.91E-10 5.59E-09
0.25000 -437.934556 5.59E-09 0.000000
-2.91E-10 3.91E-09
0.50000 -437.934556 5.59E-09 0.000000
-2.91E-10 2.24E-09
0.75000 -437.934556 5.59E-09 0.000000
-2.91E-10 5.59E-10
1.00000 -437.934556 5.59E-09 0.000000
-2.91E-10 -1.12E-09
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FRAME ELEMENT INTERNAL
FORCES
LOAD CONC -----
REL_DIST P V2 V3
M2 M3
-1120.709 1.49E-08 -4.66E-10
-4.66E-10 1.12E-08
0.25000 -1120.709 1.49E-08 -4.66E-10
-3.26E-10 6.71E-09
0.50000 -1120.709 1.49E-08 -4.66E-10
-1.86E-10 2.24E-09
0.75000 -1120.709 1.49E-08 -4.66E-10
-4.66E-11 -2.24E-09
1.00000 -1120.709 1.49E-08 -4.66E-10
9.31E-11 -6.71E-09

ELEM 229 ===== LENGTH =
1.300000
LOAD STEEL -----
REL_DIST P V2 V3
M2 M3
-1421.565 -9.31E-10 1.16E-10
1.16E-10 -4.66E-10
0.25000 -1421.565 -9.31E-10 1.16E-10
7.86E-11 -1.63E-10
0.50000 -1421.565 -9.31E-10 1.16E-10
4.07E-11 1.40E-10
0.75000 -1421.565 -9.31E-10 1.16E-10
2.91E-12 4.42E-10
1.00000 -1421.565 -9.31E-10 1.16E-10
-3.49E-11 7.45E-10
LOAD CONC -----
REL_DIST P V2 V3
T M2 M3
-3339.592 -9.31E-10 -9.31E-10
0.00000 0.00000 -9.31E-10
0.25000 -3339.592 -9.31E-10 -9.31E-10
3.03E-10 -6.29E-10
0.50000 -3339.592 -9.31E-10 -9.31E-10
6.05E-10 -3.26E-10
0.75000 -3339.592 -9.31E-10 -9.31E-10
9.08E-10 -2.33E-11
1.00000 -3339.592 -9.31E-10 -9.31E-10
1.21E-09 2.79E-10
ELEM 230 ===== LENGTH =
1.300000
LOAD STEEL -----
REL_DIST P V2 V3
T M2 M3
-1012.591 0.149837 -5.23E-06
-6.80E-06 0.194788
0.25000 -1012.591 0.149837 -5.23E-06
-5.10E-06 0.146091
0.50000 -1012.591 0.149837 -5.23E-06
-3.40E-06 0.097394
0.75000 -1012.591 0.149837 -5.23E-06
-1.70E-06 0.048697
1.00000 -1012.591 0.149837 -5.23E-06
4.66E-11 1.21E-14
LOAD CONC -----
REL_DIST P V2 V3
T M2 M3
-2627.012 0.438794 -1.53E-05
-1.99E-05 0.570432
0.25000 -2627.012 0.438794 -1.53E-05
-1.49E-05 0.427824
0.50000 -2627.012 0.438794 -1.53E-05
-9.96E-06 0.285216
0.75000 -2627.012 0.438794 -1.53E-05
-4.98E-06 0.142608
1.00000 -2627.012 0.438794 -1.53E-05
-9.31E-10 -6.49E-15
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S401.OUT
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
103
FRAME ELEMENT INTERNAL
FORCES
ELEM 231 ===== LENGTH =
1.300000
LOAD STEEL -----
REL_DIST P V2 V3
T M2 M3
-1421.673 0.000000 0.000000
3.49E-10 1.40E-09 0.000000
0.25000 -1421.673 0.000000 0.000000
3.49E-10 1.40E-09 0.000000
0.50000 -1421.673 0.000000 0.000000
3.49E-10 1.40E-09 0.000000
0.75000 -1421.673 0.000000 0.000000
3.49E-10 1.40E-09 0.000000
1.00000 -1421.673 0.000000 0.000000
3.49E-10 1.40E-09 0.000000
LOAD CONC -----
REL_DIST P V2 V3
M2 M3
-3339.867 1.86E-09 -9.31E-10
0.00000 0.00000 3.73E-09
0.25000 -3339.867 1.86E-09 -9.31E-10
3.03E-10 3.12E-09
0.50000 -3339.867 1.86E-09 -9.31E-10
6.05E-10 2.51E-09
0.75000 -3339.867 1.86E-09 -9.31E-10
9.08E-10 1.91E-09
1.00000 -3339.867 1.86E-09 -9.31E-10
1.21E-09 1.30E-09
ELEM 232 ===== LENGTH =
1.200000
LOAD STEEL -----
REL_DIST P V2 V3
M2 M3
-437.917007 1.86E-09 0.16E-10
-1.16E-10 7.45E-09
0.25000 -437.917007 1.86E-09 0.16E-10
-1.51E-10 6.89E-09
0.50000 -437.917007 1.86E-09 0.16E-10
-1.86E-10 6.33E-09
0.75000 -437.917007 1.86E-09 0.16E-10
-2.21E-10 5.77E-09
1.00000 -437.917007 1.86E-09 0.16E-10
-2.56E-10 5.22E-09
LOAD CONC -----
REL_DIST P V2 V3
T M2 M3
-1120.730 7.45E-09 9.31E-10
-1.82E-12 0.00000 1.86E-08
0.25000 -1120.730 7.45E-09 9.31E-10
-1.82E-12 1.64E-08
0.50000 -1120.730 7.45E-09 9.31E-10
-1.82E-12 1.42E-08
0.75000 -1120.730 7.45E-09 9.31E-10
-1.82E-12 1.19E-08
1.00000 -1120.730 7.45E-09 9.31E-10
-1.82E-12 9.69E-09
S A P 2 0 0 0 (R)
Structural Analysis
Programs Nonlinear Version 7.42
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verify all results produced by this
program
7 Dec 2015 03:19:19
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S402.OUT
< AFTER COMPOSITE SELF-WEIGHT LOAD >
1
DISPLACEMENT DEGREES OF
FREEDOM
(A) = Active DOF, equilibrium equation
(+) = Restrained DOF, reaction computed
(-) = Constrained DOF
(>) = External substructure DOF
() = Null DOF
JOINTS
U1 U2 U3 R1 R2 R3
1 TO 135 A A A A A A
136 TO 137 A A A A A A
138 - - - A A A
139 TO 140 A - - A A A
141 TO 142 A A - A A A
143 - A A - A A A
144 TO 145 A A - A A A
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S402.OUT
< AFTER COMPOSITE SELF-WEIGHT LOAD >
2
TOTAL ASSEMBLED JOINT MASS
IN GLOBAL COORDINATES
RX RY RZ UY UZ
TOTAL 0.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000
TOTAL ACCELERATED MASS
AND LOCATION
TOTAL MASS ACTIVATED BY ACCELERATION
LOADS, IN GLOBAL COORDINATES
MASS UX UY UZ
X-LOC 0.00000 0.00000 0.00000
Y-LOC 0.00000 0.00000 0.00000
Z-LOC 0.00000 0.00000 0.00000
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S402.OUT
< AFTER COMPOSITE SELF-WEIGHT LOAD >
3
JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN LOCAL
COORDINATES
LOAD AFTER -----
JOINT U1 U2 U3
R1 R2 R3
1 -4.12E-06 1.30E-05 -2.59E-07
2.34E-05 0.000935 2.65E-06
2 -0.001018 2.74E-05 -0.004100
1.92E-05 0.000864 2.64E-06
3 -0.002026 4.23E-05 -0.007981
8.29E-06 0.000674 2.58E-06
4 -0.002777 5.52E-05 -0.010778
-4.29E-06 0.004444 2.49E-06
5 -0.000318 6.60E-05 -0.012401
-1.84E-05 0.000203 2.42E-06
6 -0.000327 7.45E-05 -0.012781
-3.41E-05 -4.66E-05 2.37E-06
7 -0.000305 1.40E-05 -0.011950
-4.98E-05 -0.000275 2.34E-06
8 -0.000256 6.52E-05 -0.010050
-6.50E-05 -0.000475 2.33E-06
9 -0.000186 8.77E-05 -0.007292
-7.74E-05 -0.000602 2.34E-06
10 -0.000108 8.89E-05 -0.004226
-8.32E-05 -0.000591 2.34E-06
11 -4.13E-05 8.99E-05 -0.001591
-8.15E-05 -0.000436 2.30E-06
12 -1.23E-06 9.11E-05 -8.79E-07
-7.33E-05 -0.000180 2.16E-06
13 6.65E-06 9.25E-05 0.000273
-6.90E-05 5.62E-05 2.08E-06
14 -9.70E-06 9.40E-05 -0.000393
-6.53E-05 0.000202 1.96E-06
15 -3.99E-05 9.52E-05 -0.001601
-6.26E-05 0.000269 1.81E-06
16 -7.29E-05 9.59E-05 -0.002905
-6.20E-05 0.000239 1.65E-06
17 -9.69E-05 9.57E-05 -0.003855
-6.29E-05 0.000135 1.51E-06
18 -0.000105 9.47E-05 -0.004190
-6.47E-05 -1.34E-06 1.40E-06
19 -9.63E-05 9.32E-05 -0.003833
-6.67E-05 -0.000136 1.35E-06
20 -7.21E-05 9.12E-05 -0.002882
-6.85E-05 0.000233 1.36E-06
21 -4.04E-05 8.93E-05 -0.001622
-6.94E-05 -0.000254 1.44E-06
22 -1.21E-05 8.78E-05 -0.000500
-6.72E-05 -0.000178 1.57E-06
23 -1.71E-08 8.72E-05 -6.98E-07
-6.71E-05 -1.32E-08 1.73E-06
24 -1.19E-05 8.77E-05 -0.000500
-6.93E-05 0.000178 1.97E-06
25 -4.01E-05 8.89E-05 -0.001621
-6.94E-05 0.000254 2.09E-06
26 -7.18E-05 9.07E-05 -0.002881
-6.85E-05 0.000233 2.13E-06
27 -9.60E-05 9.52E-05 -0.003832
-6.68E-05 0.000136 1.94E-06
28 -1.000105 9.44E-05 -0.004190
-6.46E-05 1.40E-06 2.02E-06
29 -9.64E-05 9.60E-05 -0.003855
-6.29E-05 -0.000135 1.91E-06
30 -7.24E-05 9.72E-05 -0.002906

-6.19E-05 -0.000239 1.77E-06 -0.001601
31 -3.92E-05 9.76E-05 1.81E-06
-6.26E-05 -0.000269 1.61E-06
32 -9.85E-05 9.70E-05 -0.000393
-6.53E-05 -0.000202 1.42E-06
33 7.64E-06 9.48E-05 0.000272
-6.89E-05 -5.63E-05 1.18E-06
34 -1.21E-09 9.08E-05 -8.79E-07
-7.32E-05 0.000180 8.57E-07
35 -3.97E-05 8.44E-05 -0.001590
-8.15E-05 0.000436 5.92E-07
36 -0.000106 7.61E-05 -0.004225
-8.32E-05 0.000591 2.96E-07
37 -0.000183 6.64E-05 -0.007290
-7.74E-05 0.000601 -2.18E-08
38 -0.000253 5.63E-05 -0.010048
-6.50E-05 0.000475 -3.29E-07
39 -0.000301 4.66E-05 -0.011949
-4.98E-05 0.000275 -5.91E-07
40 -0.000321 3.77E-05 -0.012780
-3.41E-05 4.67E-05 -7.96E-07
41 -0.000311 3.00E-05 -0.012400
-1.84E-05 -0.000203 -9.35E-07
42 -0.000269 2.36E-05 -0.010777
-4.26E-06 -0.000444 -1.02E-06
43 -0.000197 1.87E-05 -0.007981
8.38E-06 -0.000674 -1.04E-06
44 -9.74E-05 1.52E-05 -0.004100
1.93E-05 -0.000864 -1.03E-06
45 7.89E-06 1.31E-05 -2.59E-07
2.35E-05 -0.000935 -9.96E-07
46 -1.09E-06 1.24E-05 -2.74E-07
0.000125 0.000948 -1.12E-06
47 -0.000208 -0.000208 -0.004211
0.000135 0.000874 -1.38E-06
48 -0.000208 3.20E-05 -0.008193
0.000136 0.000679 -1.53E-06
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S402.OUT
< AFTER COMPOSITE SELF-WEIGHT LOAD >
4
JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN LOCAL
COORDINATES
JOINT U1 U2 U3
R1 R2 R3
49 -0.000281 4.16E-05 -0.011057
0.000131 0.000444 -1.51E-06
50 -0.000322 5.06E-05 -0.012717
0.000121 0.000197 -1.38E-06
51 -0.000332 5.89E-05 -0.013102
52 -5.65E-05 -1.02E-06
0.000108 -0.000310 6.65E-05
53 -0.000289 -9.85E-07
9.41E-05 -0.000269 7.33E-05
54 -0.000492 -7.86E-07
7.89E-05 -0.000189 7.89E-05
55 -0.000189 6.1E-07
56 -0.000109 8.37E-05 -0.004329
5.64E-05 -0.000608 -6.06E-07
57 -4.12E-05 8.75E-05 -0.001631
5.46E-05 -0.000449 -7.28E-07
58 -9.000189 9.05E-05 -8.80E-07
5.80E-05 -0.000109 -9.72E-05
59 7.78E-06 9.27E-05 0.000284
6.84E-05 5.14E-05 -1.40E-06
60 -8.77E-06 9.39E-05 -0.000390
7.62E-05 0.000200 -1.80E-06
61 -3.94E-05 9.42E-05 -0.001621
8.20E-05 0.000289 -2.13E-06
62 -7.31E-05 9.36E-05 -0.002952
8.52E-05 0.000240 -2.36E-06
63 -9.76E-05 9.25E-05 -0.003923
8.57E-05 0.000134 -2.45E-06
64 -0.000106 9.11E-05 -0.004268
8.41E-05 -2.44E-06
65 -9.74E-05 8.97E-05 -0.003905
8.12E-05 -0.000140 -2.33E-06
66 -7.29E-05 8.87E-05 -0.002936
7.74E-05 -0.000237 -2.17E-06
67 -4.08E-05 8.78E-05 -0.001652
7.31E-05 -0.000258 -1.95E-06
68 -1.23E-05 8.74E-05 -0.000509
6.93E-05 -0.000181 -1.84E-06
69 -4.76E-08 8.73E-05 -6.98E-07
6.56E-05 -3.20E-08 -1.71E-06
70 -1.22E-05 8.72E-05 -0.000509
6.93E-05 0.000181 -1.71E-06
71 -4.09E-05 8.75E-05 -0.001652
7.30E-05 0.000258 -1.80E-06
72 -7.30E-05 8.80E-05 -0.002935
7.73E-05 -0.000237 -1.82E-06
73 -9.76E-05 8.91E-05 -0.003904
8.11E-05 0.000140 -1.81E-06
74 -0.000107 9.07E-05 -0.004267
8.41E-05 3.52E-06 -1.78E-06
75 -9.82E-05 9.28E-05 -0.003923
8.57E-05 -0.000134 -1.76E-06
76 -7.40E-05 9.49E-05 -0.002953
8.53E-05 -0.000189 -1.75E-06
77 -4.04E-05 9.67E-05 -0.001621
78 -0.000269 -1.87E-06
79 -9.83E-06 9.69E-05 -0.000391
7.62E-05 -0.000200 -2.08E-06
80 6.78E-06 -2.40E-06
81 -1.14E-06 9.01E-05 -8.80E-07
5.80E-05 0.000189 -2.80E-06
82 -4.16E-05 8.19E-05 -0.001630
5.45E-05 0.000449 -3.39E-06
83 -0.000109 7.05E-05 -0.004328
5.63E-05 0.000608 -3.95E-06
84 -0.000188 5.73E-05 -0.007468
6.50E-05 0.000620 -3.48E-06
85 -0.000259 4.38E-05 -0.010295
7.89E-05 0.000492 -4.63E-06
86 -0.000308 3.16E-05 -0.012246
9.41E-05 0.000289 -4.67E-06
87 -0.000329 2.13E-05 -0.013101
8.56E-05 -4.55E-06
88 -0.000319 1.39E-05 -0.012716
0.000121 -0.000197 -4.29E-06
89 -0.000276 -0.000276 -0.011057
0.000131 -0.000444 -3.94E-06
90 -0.000203 7.97E-06 -0.008192
88 -0.000679 -3.50E-06
91 -0.000103 9.06E-06 -0.004211
0.000135 -0.000874 -3.01E-06
92 4.63E-06 -2.74E-07
0.000125 -2.62E-06
93 2.20E-06 1.91E-05 0.000128
7.07E-05 0.001056 -9.04E-05
94 -0.000104 3.15E-05 -0.004027
7.00E-05 0.000841 -6.54E-05
95 -0.000103 3.49E-05 -0.007938
7.07E-05 0.000681 -5.40E-05
96 -0.000275 5.67E-05 -0.010760
6.29E-05 0.000441 -3.57E-05
97 -0.000316 6.69E-05 -0.012395
5.16E-05 0.000199 -1.69E-05
98 -0.000208 7.49E-05 -0.012774
3.73E-05 -5.20E-05 2.76E-06
99 -0.000303 8.26E-05 -0.011929
2.20E-05 -0.000282 2.08E-05
100 -0.000254 8.82E-05 -0.010004
6.58E-06 -0.000483 3.68E-05

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >
5

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
-6.23E-06	-0.000183	9.71E-05	-0.007213
100	-0.000610	4.72E-05	
-1.25E-05	-0.000597	9.50E-05	-0.004114
101	-3.51E-05	9.71E-05	-0.001452
-1.18E-05	-0.000443	3.45E-05	
102	6.29E-06	9.92E-05	0.000161
-5.75E-06	-0.000185	1.42E-05	
103	1.34E-05	0.000101	0.000439
1.10E-06	5.41E-05	-4.53E-06	
104	-3.59E-06	0.000103	-0.000226
6.03E-06	0.000200	-1.58E-05	
105	3.45E-05	0.000104	-0.001441
9.65E-06	0.000268	-2.11E-05	
106	-6.82E-05	0.000104	-0.002755
1.12E-05	0.000239	-1.88E-05	
107	-9.27E-05	0.000103	-0.003714
1.10E-05	0.000135	-1.05E-05	
108	-0.000101	0.000102	-0.004053
9.45E-06	-2.35E-06	2.70E-07	
109	-9.24E-05	0.000101	-0.003695
7.04E-06	-0.000137	1.10E-05	
110	-6.79E-05	9.91E-05	-0.002737
4.44E-06	-0.000234	1.87E-05	
111	-3.70E-05	0.000106	-0.001470
2.38E-06	-0.000254	2.03E-05	
112	-6.83E-06	9.64E-05	-0.000343
1.13E-06	-0.000180	1.45E-05	
113	6.06E-06	9.60E-05	0.000163
8.31E-07	-2.45E-08	-2.09E-08	
114	-6.72E-06	6.63E-05	-0.000342
1.13E-06	0.000180	-1.46E-05	
115	-3.57E-05	9.73E-05	-0.001469
2.37E-06	0.000254	-2.05E-05	
116	-6.79E-05	9.86E-05	-0.002737
4.43E-06	0.000234	-1.89E-05	
117	-9.25E-05	0.000100	-0.003694
7.04E-06	0.000138	-1.13E-05	
118	-0.000102	0.000102	-0.004053
9.45E-06	2.43E-06	-6.34E-07	
119	-9.31E-05	0.000104	-0.003714
1.10E-05	-0.000134	1.02E-05	
120	-6.87E-05	0.000106	-0.002756
1.13E-05	-0.000239	1.86E-05	
121	-3.51E-05	0.000106	-0.001441
9.67E-06	-0.000268	2.11E-05	
122	-4.18E-06	0.000106	-0.000226
6.05E-06	-0.000200	1.59E-05	
123	-1.20E-05	0.000104	0.000439
1.06E-06	5.41E-05	4.72E-06	
124	5.95E-06	9.94E-05	0.000161
-5.81E-06	0.000185	-1.40E-05	
125	-3.51E-05	9.20E-05	-0.001451
-1.18E-05	0.000443	-3.46E-05	
126	0.000102	-4.69E-05	-0.004113
-1.25E-05	0.000597	-4.69E-05	
127	-0.000181	7.11E-05	-0.007211
-6.26E-06	0.000610	-4.79E-05	
128	-0.000252	5.94E-05	-0.010001
6.53E-06	0.000483	-3.78E-05	
129	-0.000201	1.02E-05	-0.011928
2.19E-05	0.000282	-2.21E-05	
130	-0.000322	3.88E-05	-0.012772
3.73E-05	5.22E-05	-4.18E-06	
131	-0.000312	3.10E-05	-0.012394
5.17E-05	-0.000199	1.55E-05	
132	-0.000270	2.52E-05	-0.010760
6.27E-05	-0.000441	3.45E-05	
133	-0.000197	2.16E-05	-0.007938
7.09E-05	-0.000680	5.33E-05	
134	-9.67E-05	1.95E-05	-0.004026
7.01E-05	-0.000841	6.53E-05	
135	1.03E-05	1.93E-05	0.000128
7.09E-05	-0.001056	9.13E-05	
136	-0.001127	-1.35E-01	-0.000000
-1.07E-05	0.000936	2.65E-06	
137	0.000233	1.51E-02	-0.000000
-7.00E-05	-0.000181	2.16E-06	
138	0.000000	0.000000	-0.000000
-6.71E-05	-1.08E-08	1.73E-06	
139	-0.000234	-4.63E-22	-0.000000
-6.98E-05	0.000181	8.57E-07	
140	0.001131	-4.70E-02	-0.000000
-1.07E-05	-0.000936	-9.96E-07	
141	-0.001133	0.000204	-0.000000
0.000159	0.000943	-1.12E-06	
142	0.000264	0.000134	-0.000000
3.40E-05	-0.000194	-9.72E-07	
143	6.48E-26	0.000173	-0.000000
6.56E-05	-3.43E-08	-1.71E-06	
144	-0.000265	0.000133	-0.000000
3.40E-05	0.000194	-2.80E-06	
145	0.0001136	0.000203	-0.000000
0.000159	-0.000943	-2.62E-06	

< AFTER COMPOSITE SELF-WEIGHT LOAD >
6

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

LOAD AFTER	F1	F2	F3
JOINT	M1	M2	M3
136	0.000000	-0.434708	453.170239
0.000000	0.000000	0.000000	
137	0.000000	0.932079	1419.511
0.000000	0.000000	0.000000	
138	-0.152784	-1.199521	1127.328
0.000000	0.000000	0.000000	
139	0.000000	1.184224	1419.310
0.000000	0.000000	0.000000	
140	0.000000	-0.542358	453.185620
0.000000	0.000000	0.000000	
141	0.000000	0.000000	479.992164
0.000000	0.000000	0.000000	
142	0.000000	0.000000	1420.840
0.000000	0.000000	0.000000	
143	0.152389	0.000000	1126.843
0.000000	0.000000	0.000000	
144	0.000000	0.000000	1420.997
0.000000	0.000000	0.000000	
145	0.000000	0.000000	479.986149
0.000000	0.000000	0.000000	

< AFTER COMPOSITE SELF-WEIGHT LOAD >
7

GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

LOAD AFTER	FX	FY	FZ
MX	MY	MZ	
APPLIED	-1.14E-14	-1.62E-16	-9801.163
65361.633	1.0739E+06	-1.94E-13	
REACTNS	-6.65E-11	-7.99E-10	9801.163
-65361.633	-1.0739E+06	-1.01E-07	

TOTAL -6.65E-11 -7.99E-10 4.18E-11
-3.48E-09 -1.96E-08 -1.01E-07
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< AFTER COMPOSITE SELF-WEIGHT LOAD >
8

FRAME ELEMENT INTERNAL FORCES

ELEM	1	=====				LENGTH =
4.508011						
LOAD	AFTER	-----				
REL_DIST		P	V2	V3		
	M2	M3				
0.00000	12.200622	-456.251455	-0.113344			
-35.678023	-0.679941	-0.149478				
0.25000	11.658095	-435.174689	-0.113344			
-15.122619	-0.552202	502.170403				
0.50000	11.115569	-414.097924	-0.113344			
53.52785	-0.424644	980.736703				
0.75000	10.573043	-393.021158	-0.113344			
25.988189	-0.296725	1435.545				
1.00000	10.030516	-371.944393	-0.113344			
46.543594	-0.168987	1866.609				

ELEM	2	=====				LENGTH =
5.009260						
LOAD	AFTER	-----				
REL_DIST		P	V2	V3		
	M2	M3				
0.00000	10.077906	-354.814135	-0.030825			
-34.517880	0.178886	1866.543				
0.25000	9.479253	-331.393617	-0.030825			
-11.676909	0.217489	2296.217				
0.50000	8.880601	-307.973098	-0.030825			
11.164052	0.256091	2696.561				
0.75000	8.281948	-264.552580	-0.030825			
34.005033	0.294694	3067.576				
1.00000	7.683296	-261.132061	-0.030825			
56.846005	0.333296	3409.260				

ELEM 2 2 LENGTH =
5.009260

LOAD AFTER	P	V2	V3
REL_DIST	M2	M3	
0.00000	10.077906	-354.814135	-0.030825
-34.517880	0.178886	1866.543	
0.25000	9.479253	-331.393617	-0.030825
-11.676909	0.217489	2296.217	
0.50000	8.680001	-307.973098	-0.030825
11.164062	0.258091	2696.561	
0.75000	8.281948	-284.552580	-0.030825
34.005033	0.294694	3067.572	
1.00000	7.683296	-261.132061	-0.030825
56.846005	0.333296	3409.260	

ELEM 3 3 LENGTH =
5.009284

LOAD AFTER	P	V2	V3
REL_DIST	M2	M3	
0.00000	7.743676	-245.006687	0.112902
-31.081643	1.243569	3409.241	
0.25000	7.140350	-221.586294	0.112902
-8.240580	1.102179	3701.403	
0.50000	6.537023	-198.165901	0.112902
14.600523	0.960789	3964.235	
0.75000	5.933697	-174.745508	0.112902
37.441605	0.819399	4197.738	
1.00000	5.330371	-151.325115	0.112902
60.282688	0.678009	4401.910	

ELEM 4 4 LENGTH =
5.010115

LOAD AFTER	P	V2	V3
REL_DIST	M2	M3	
0.00000	5.126897	-133.282076	0.240149
-41.234826	2.368794	4401.903	
0.25000	4.528244	-109.857554	0.240149
-18.369956	2.068000	4554.173	
0.50000	3.925952	-86.433032	0.240149
4.454915	1.767206	4677.102	
0.75000	3.330939	-63.008510	0.240149
27.299785	1.466412	4770.692	
1.00000	2.732287	-39.583988	0.240149
50.144656	1.165618	4834.942	

ELEM 5 5 LENGTH =
5.009182

LOAD AFTER	P	V2	V3
REL_DIST	M2	M3	
0.00000	2.423443	-21.756131	0.282781
-52.079158	3.333537	4834.908	
0.25000	1.820117	1.663786	0.282781
-41.234539	2.978192	4847.469	
0.50000	1.216790	25.083702	0.282781
-6.397921	2.625286	4830.741	
0.75000	0.613464	48.503618	0.282781
16.442697	2.271160	4784.665	

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

REL_DIST	M2	M3	V2	V3
T				
1.00000	0.010138	71.923535	0.282781	
39.283316	1.917034	4709.260		

ELEM 6 6 LENGTH =
5.009192

LOAD AFTER	P	V2	V3
REL_DIST	M2	M3	
0.00000	-0.440862	89.787166	0.380578
-64.441094	4.597518	4709.205	
0.25000	-1.039515	113.207371	0.380578
-41.209429	4.120921	4582.100	
0.50000	-1.638167	136.627575	0.380578
-18.759764	3.644323	4425.666	
0.75000	-2.236820	160.047780	0.380578
4.080902	3.167726	4239.903	
1.00000	-2.835472	183.467984	0.380578
26.921567	2.691129	4024.811	

ELEM 7 7 LENGTH =
5.009312

LOAD AFTER	P	V2	V3
REL_DIST	M2	M3	
0.00000	14.054445	-544.506528	0.504336
-52.156973	6.306719	-4723.276	
0.25000	13.802119	-521.086741	0.504336
-29.316480	5.675145	-4056.061	
0.50000	13.198793	-497.666953	0.504336
-47.5987	5.043571	-3418.174	
0.75000	12.595466	-474.247166	0.504336
16.364506	4.411996	-2809.615	
1.00000	11.992140	-450.827378	0.504336
39.204998	3.780422	-2230.385	

ELEM 14 14 LENGTH =
5.009649

LOAD AFTER	P	V2	V3
REL_DIST	M2	M3	
0.00000	11.545358	-432.482322	0.423683
-42.546002	5.503180	-2230.391	
0.25000	10.946705	-409.059980	0.423683
-19.703255	4.972554	-1703.412	
0.50000	10.348053	-395.637638	0.423683
3.139493	4.441928	-1205.767	
0.75000	9.794900	-362.215296	0.423683
25.982240	3.911303	-737.457326	
1.00000	9.150748	-338.792953	0.423683
48.824988	3.380677	-298.481659	

REL_DIST M2 P

[illegible]

5.036494	REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3	
LOAD AFTER							LOAD AFTER						LOAD AFTER						
REL_DIST	T	M2	M3	V2	V3		REL_DIST	T	M2	M3	V2	V3	REL_DIST	T	M2	M3	V2	V3	
0.00000	-9.367929	314.994223	-1.169965				0.25000	-12.728934	483.664944	-0.548658			0.00000	-6.612523	228.886122	-1.113460			
6.648237	-1.338404	2806.937					-1.321070	-1.607758	-3024.281				25.795257	3.613713	1074.053				
Program	SAP2000	Nonlinear	Version	7.42			0.50000	-13.332263	507.208821	-0.548658			0.25000	-7.215851	252.432662	-1.113460			
File:2교부산방향S1-S402.OUT							-24.282424	-0.917044	-3647.994				2.831311	5.015623	771.049039				
							0.75000	-13.935591	530.752699	-0.548658			0.50000	-7.819180	275.972902	-1.113460			
							-47.243777	-0.226330	-4301.347				-20.132636	6.417534	438.398622	-1.113460			
							1.00000	-14.538920	554.296577	-0.548658			0.75000	-8.422598	299.525742	-1.113460			
							-70.205131	0.464384	-4984.339				-43.096583	7.819444	76.101761	-1.113460			
							ELEM	67	=====	LENGTH =			1.00000	-9.025837	323.072282	-1.113460			
							5.035635						-66.060530	9.221354	-315.841544				
							LOAD AFTER						ELEM	75	=====	LENGTH =			
							REL_DIST	T	M2	M3	V2	V3	LOAD AFTER						
							0.00000	13.598653	-554.302955	-0.514045			REL_DIST	T	M2	M3	V2	V3	
							70.026880	3.135636	-4984.539				0.00000	-9.256623	341.009763	-1.163214			
							0.25000	12.999999	-530.758959	-0.514045			23.352860	7.445540	-315.891525	-1.163214			
							47.065643	-2.488501	-4301.542			0.25000	-9.855278	364.553869	-1.163214				
							0.50000	12.401344	-507.214962	-0.514045			0.391516	8.909927	-760.013717	-1.163214			
							24.104406	-1.841365	-3648.184			0.50000	-10.453932	388.097976	-1.163214				
							0.75000	11.802690	-483.670965	-0.514045			-22.569828	10.374314	-1233.776	-1.163214			
							1.143169	-1.194230	-3024.467	-0.514045			0.75000	-11.052887	414.62083	-1.163214			
							-21.818069	-0.547094	-2430.389				-45.531172	11.838701	-1737.178				
							ELEM	68	=====	LENGTH =			Program	SAP2000	Nonlinear	Version	7.42		
							5.036714						File:2교부산방향S1-S402.OUT						
							LOAD AFTER						< AFTER COMPOSITE SELF-WEIGHT LOAD >						
							REL_DIST	T	M2	M3	V2	V3	FRAME ELEMENT INTERNAL FORCES						
							0.00000	10.741808	-442.882064	-0.446269			REL_DIST	T	M2	M3	V2	V3	
							70.061377	-3.240781	-2430.319				1.00000	-11.651241	435.186189	-1.163214			
							0.25000	10.384479	-419.333254	-0.446269			-68.492516	13.303088	-2270.220				
							47.095219	-2.678848	-1887.477			ELEM	76	=====	LENGTH =				
							0.50000	9.535151	-395.784443	-0.446269			5.036195						
							24.129061	-2.116915	-1374.288			LOAD AFTER							
							0.75000	8.931822	-372.235633	-0.446269			REL_DIST	T	M2	M3	V2	V3	
							1.162303	-1.554963	-890.750864	-0.446269			0.00000	-12.071876	452.999487	-1.055681			
							-21.803255	-0.993050	-436.865808				25.957512	11.279281	-2270.266	-1.055681			
							ELEM	69	=====	LENGTH =			0.25000	-12.675204	476.545868	-1.055681			
							5.035811						2.993720	12.608435	-2855.438	-1.055681			
							LOAD AFTER						0.50000	-13.278533	500.092250	-1.055681			
							REL_DIST	T	M2	M3	V2	V3		19.970072	13.937588	-3470.255	-1.055681		
							0.00000	7.657382	-330.967221	-0.478335			0.75000	-13.851861	523.636631	-1.055681			
							66.524345	-3.728986	-436.809409	-0.478335			-42.933865	15.266742	-4114.719	-1.055681			
							0.25000	7.058727	-307.422403	-0.478335			1.00000	-14.485190	547.185013	-1.055681			
							43.662307	-3.126785	-34.958249	-0.478335			-65.897657	16.595896	-4788.828				
							0.50000	6.460073	-283.877584	-0.478335			ELEM	77	=====	LENGTH =			
							20.700720	-2.524584	337.251098	-0.478335			5.035705						
							0.75000	5.861418	-260.332765	-0.478335			LOAD AFTER						
							-2.261788	-1.922383	-679.818633	-0.478335			REL_DIST	T	M2	M3	V2	V3	
							-25.223806	-1.320182	992.744356				0.00000	-14.781956	564.257559	-0.819348			
							ELEM	70	=====	LENGTH =			32.600996	14.178436	-4788.868	-0.819348			
							5.035998						0.25000	-15.380611	587.801881	-0.819348			
							LOAD AFTER						9.639442	15.209935	-5514.047	-0.819348			
							REL_DIST	T	M2	M3	V2	V3		0.50000	-15.979265	611.346203	-0.819348		
							0.00000	4.717416	-219.113295	-0.541204			-13.322112	16.241434	-6268.866	-0.819348			
							59.525627	-3.930061	992.789459	-0.541204			0.75000	-16.577920	634.890526	-0.819348			
							0.25000	4.114087	-195.567837	-0.541204			-36.283666	17.272933	-7053.326	-0.819348			
							36.660675	-3.248685	1253.830	-0.541204			1.00000	-17.176574	658.434848	-0.819348			
							0.50000	3.510759	-172.022379	-0.541204			-59.245220	18.304432	-7867.427				
							13.697782	-2.567309	1485.228	-0.541204			ELEM	78	=====	LENGTH =			
							0.75000	2.907431	-148.476921	-0.541204			5.036353						
							-0.265111	-1.825933	-679.818633	-0.541204			LOAD AFTER						
							1.00000	2.304102	-124.931463	-0.541204			REL_DIST	T	M2	M3	V2	V3	
							-32.228004	-1.204558	1859.093				0.00000	18.528097	-744.612805	-0.203531			
							Program	SAP2000	Nonlinear	Version	7.42			87.563839	14.199422	-7867.411	-0.203531		
							File:2교부산방향S1-S402.OUT						0.25000	17.924768	-721.065887	-0.203531			
							< AFTER COMPOSITE SELF-WEIGHT LOAD >						64.599329	14.455685	-6944.702	-0.203531			
							FRAME ELEMENT INTERNAL FORCES						0.50000	17.321440	-697.518568	-0.203531			
							ELEM	71	=====	LENGTH =			41.834819	14.711949	-8051.640	-0.203531			
							5.036186						0.75000	16.718111	-673.971449	-0.203531			
							LOAD AFTER						18.670308	14.968212	-5188.227	-0.203531			
							REL_DIST	T	M2	M3	V2	V3		1.00000	16.114783	-650.424331	-0.203531		
							0.00000	1.746473	-107.149509	-0.700521			-2.494202	15.224475	-4354.461				
							50.865158	-3.579556	1859.093	-0.700521			ELEM	79	=====	LENGTH =			
							0.25000	1.147818	-83.602935	-0.700521			5.036009						
							27.901411	-2.697568	1979.176	-0.700521			LOAD AFTER						
							0.50000	0.959164	-39.93661	-0.700521			REL_DIST	T	M2	M3	V2	V3	
							4.937664	-1.815580	2069.613	-0.700521			0.00000	15.285918	-633.022225	0.183639			
							0.75000	-0.049491	-36.509788	-0.700521			94.031945	11.916428	-4354.349	0.183639			
							-18.026083	-0.933591	2130.403	-0.700521			0.25000	14.687263	-609.476479	0.183639			
							1.00000	-0.648145	-12.963214	-0.700521			71.069004	11.685225	-3572.195	0.183639			
							-40.998930	-0.051603	2161.548			0.50000	14.086609	-585.930733	0.183639				
							ELEM	72	=====	LENGTH =			48.106663	11.454023	-2819.685	0.183639			
							5.035512						0.75000	13.889594	-562.384987	0.183639			
							LOAD AFTER						25.131222	11.222821	-2096.819	0.183639			
							REL_DIST	T	M2	M3	V2	V3		1.00000	12.891300	-538.839241	0.183639		
							0.00000	-1.100806	4.856801	-0.835939			2.180181	10.991618	-1403.597				
							40.671732	-2.134808	2161.542	-0.835939			ELEM	80	=====	LENGTH =			
							0.25000	-1.704134	28.399981	-0.835939			LOAD AFTER						
							17.711057	-1.082463	2140.609	-0.835939			REL_DIST	T	M2	M3	V2	V3	
							1.50000	-2.307463	-51.943162	-0.835939			0.25000	11.596415	-497.537405	0.			

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.906380	-409.184437	0.324906
85.437340	2.414615	983.498466	
0.25000	8.307726	-385.641092	0.324906
62.476738	2.005599	1483.791	0.324906
0.50000	7.709071	-362.097748	0.324906
39.516137	1.596584	1954.445	
0.75000	7.110417	-336.554404	0.324906
15.555355	1.875665	2395.462	
1.00000	6.511762	-315.011060	0.324906
-6.405066	0.778553	2806.840	
ELEM	82	=====	LENGTH =
5.036370			
LOAD AFTER			
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	5.856604	-297.419937	0.186607
71.805665	-2.056858	2806.905	
0.25000	5.253275	-273.872737	0.186607
48.841076	-2.291813	3166.560	
0.50000	6.449947	-250.325538	0.186607
25.876487	4.526768	3496.567	
0.75000	4.046618	-226.778338	0.186607
2.911898	-2.761724	3796.326	
1.00000	3.443290	-203.231139	0.186607
-20.052691	-2.996679	4067.637	
ELEM	83	=====	LENGTH =
5.036253			
LOAD AFTER			
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	2.802517	-185.214508	0.010882
54.826640	-5.349665	4067.682	
0.25000	2.203862	-161.667620	0.010882
31.862586	-5.363367	4286.055	
0.50000	1.605208	-138.120731	0.010882
8.898533	-5.377069	4474.781	
0.75000	1.006553	-114.573843	0.010882
-14.065521	-5.390770	4633.861	
1.00000	4.007899	-91.026354	0.010882
-37.029575	-5.404472	4763.293	
ELEM	84	=====	LENGTH =
5.036244			
LOAD AFTER			
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	-0.030793	-73.314092	-0.099963
34.029919	-7.224467	4763.285	
0.25000	-0.634122	-49.767483	-0.099963
11.065906	-0.986067	4840.768	
0.50000	-1.237450	-26.220875	-0.099963
-11.898107	-6.972748	4888.605	
0.75000	-1.840779	-2.674267	-0.099963
-34.862121	-6.846888	4906.796	
1.00000	-2.444107	20.872342	-0.099963
-57.826134	-6.721029	4895.339	
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< AFTER COMPOSITE SELF-WEIGHT LOAD >			
FRAME ELEMENT INTERNAL FORCES			
ELEM	85	=====	LENGTH =
5.035182			
LOAD AFTER			
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	-2.740215	38.469586	-0.275893
12.460404	-8.052175	4895.290	
0.25000	-3.338870	62.011463	-0.275893
-10.498768	-7.704883	4832.048	
0.50000	-3.937524	85.553339	-0.275893
-33.457940	-7.357590	4739.171	
0.75000	-4.536179	109.095216	-0.275893
-56.417112	-7.101297	4616.660	
1.00000	-5.134633	132.637093	-0.275893
-79.376284	-6.663005	4464.514	
ELEM	86	=====	LENGTH =
5.036348			
LOAD AFTER			
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	-5.336459	150.962976	-0.492259
-8.467456	-7.738049	4464.414	-0.492259
0.25000	-5.939788	174.510071	-0.492259
-31.431944	-6.918252	4259.515	-0.492259
0.50000	-6.543116	198.057167	-0.492259
-54.396431	-6.298455	4024.968	
0.75000	-7.146445	221.604262	-0.492259
-77.360919	-5.678657	3760.773	-0.492259
1.00000	-7.749773	245.151558	-0.492259
-100.325407	-5.058860	3466.930	
ELEM	87	=====	LENGTH =
5.036392			
LOAD AFTER			
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	-7.717805	262.709345	-0.773938
-27.877576	-5.563756	3466.793	-0.773938
0.25000	-8.316459	286.256888	-0.773938
-50.842267	-4.589293	3121.191	-0.773938
0.50000	-8.915114	309.804430	-0.773938
-73.806957	-3.614829	2745.942	-0.773938
0.75000	-9.513768	333.351973	-0.773938
-96.771648	-2.640366	2341.043	-0.773938
1.00000	-10.112423	356.899515	-0.773938
-119.736338	-1.665902	1906.496	
ELEM	88	=====	LENGTH =
4.532013			
LOAD AFTER			
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	-10.163397	378.233386	-0.762016
-33.759708	-2.093281	1906.339	-0.762016
0.25000	-10.705925	399.422520	-0.762016
-54.424556	-1.223915	1465.795	-0.762016
0.50000	-11.248453	420.611654	-0.762016
5.089404	-0.366548	1001.244	-0.762016
0.75000	-11.790982	441.800788	-0.762016
-95.754253	0.496819	512.686394	-0.762016
1.00000	-12.335310	462.989922	-0.762016
-116.419101	1.360186	0.120934	
ELEM	89	=====	LENGTH =
4.004670			

LOAD	AFTER			
REL DIST	P	V2	V3	
T	M2	M3		
0.31214	-0.157948	3.256038	0.472068	
-0.005046	1.009440	-40.240251		
0.48410	-0.157948	3.256038	0.472068	
-0.005046	0.684342	-42.482579		
0.65607	-0.157948	3.256038	0.472068	
-0.005046	0.359244	-44.724907		
0.82803	-0.157948	3.256038	0.472068	
-0.005046	0.034145	-46.967235		
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FRAME ELEMENT INTERNAL				
FORCES				
REL DIST	P	V2	V3	
T	M2	M3		
1.00000	-0.157948	3.256038	0.472068	
-0.005046	-0.290953	-49.209564		
ELEM	90	=====	LENGTH =	
4.005594				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	0.775113	16.840654	0.480676	
0.004236	0.314524	-49.193971		
0.17198	0.775113	16.840654	0.480676	
-0.004236	-0.016613	-60.795471		
0.34397	0.775113	16.840654	0.480676	
0.004236	-0.347750	-72.396971		
0.51595	0.775113	16.840654	0.480676	
-0.004236	-0.678888	-83.998471		
0.68794	0.775113	16.840654	0.480676	
0.004236	-1.010025	-95.599971		
ELEM	91	=====	LENGTH =	
4.004740				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31213	-0.935130	-17.098175	0.551585	
0.000517	1.044633	-53.391558		
0.48410	-0.935130	-17.098175	0.551585	
0.000517	0.664765	-41.616302		
0.000517	0.284897	-29.841046	0.551585	
0.82803	-0.935130	-17.098175	0.551585	
0.000517	-0.094971	-18.065790		
1.00000	-0.935130	-17.098175	0.551585	
0.000517	-0.474839	-6.290534		
ELEM	92	=====	LENGTH =	
4.004810				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	0.891088	21.340010	0.544591	
-0.001100	0.478091	-6.302296		
0.17197	0.891088	21.340010	0.544591	
-0.001100	0.103030	-20.999212		
0.34394	0.891088	21.340010	0.544591	
-0.001100	-0.272031	-35.696128		
0.51591	0.891088	21.340010	0.544591	
-0.001100	-0.647092	-50.393044		
0.68788	0.891088	21.340010	0.544591	
-0.001100	-1.022153	-65.089960		
ELEM	93	=====	LENGTH =	
4.005848				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31204	-0.944675	-16.091178	0.423594	
-0.000426	0.815181	-57.573357		
0.48403	-0.944675	-16.091178	0.423594	
-0.000426	0.523341	-46.487146		
0.65602	-0.944675	-16.091178	0.423594	
-0.000426	0.231500	-35.400935		
0.82801	-0.944675	-16.091178	0.423594	
-0.000426	-0.060340	-24.314724		
1.00000	-0.944675	-16.091178	0.423594	
-0.000426	-0.352181	-13.228513		
ELEM	94	=====	LENGTH =	
4.004852				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	0.698478	17.562339	0.412243	
3.69E-07	0.350490	-13.217004		
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FRAME ELEMENT INTERNAL				
FORCES				
REL DIST	P	V2	V3	
T	M2	M3		
0.17197	0.698478	17.562339	0.412243	
3.69E-07	0.066573	-25.312414		
0.34394	0.698478	17.562339	0.412243	
3.69E-07	-0.217344	-37.407824		
0.51591	0.698478	17.562339	0.412243	
3.69E-07	-0.501261	-49.503234		
0.68788	0.698478	17.562339	0.412243	
3.69E-07	-0.785179	-61.598645		
ELEM	95	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.701228	0.289071	
0.65605	-1.022421	-18.014062	0.289071	
-9.27E-05	0.157259	-38.294016		
0.82803	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.041839	-25.868603		
1.00000	-1.022421	-18.014062	0.289071	
-9.27E-05	-0.240937	-13.479591		
ELEM	96	=====	LENGTH =	
4.005006				
LOAD AFTER				
REL DIST	P	V2	V3	
T	M2	M3		
0.31211	-1.022421	-18.014062	0.289071	
-9.27E-05	-1.022421	-63.108440		
0.48408	-1.022421	-18.014062	0.289071	
-9.27E-05	0.356357	-50.		

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.31213	-0.547772	-20.651427		-0.122409	
0.000133	-0.217677	-107.353661			
0.48410	-0.547772	-20.651427		-0.122409	
0.000133	-0.133377	-93.131542			
0.65607	-0.547772	-20.651427		-0.122409	
0.000133	-0.049077	-78.909423			
0.82803	-0.547772	-20.651427		-0.122409	
0.000133	0.035224	-64.687305			
1.00000	-0.547772	-20.651427		-0.122409	
0.000133	0.119524	-50.465186			

ELEM 112 ===== LENGTH = 4.005661

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.00000	1.400763	17.315150		-0.091132	
2.07E-05	-0.062710	-50.567757			
0.17199	1.400763	17.315150		-0.091132	
2.07E-05	7.22E-05	-62.496428			
0.34397	1.400763	17.315150		-0.091132	
2.17E-05	0.026854	-74.425091			
0.51596	1.400763	17.315150		-0.091132	
2.07E-05	0.125637	-86.353770			
0.68794	1.400763	17.315150		-0.091132	
2.07E-05	0.188419	-98.282441			

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FRAME ELEMENT INTERNAL FORCES

ELEM 113 ===== LENGTH = 4.005208

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.31209	-0.620687	-18.200048		0.022944	
-1.79E-05	0.058862	-65.101677			
0.48407	-0.620687	-18.200048		0.022944	
-1.79E-05	0.043059	-52.568441			
0.65605	-0.620687	-18.200048		0.022944	
-1.79E-05	0.027255	-40.032210			
0.82802	-0.620687	-18.200048		0.022944	
-1.79E-05	0.011451	-27.495079			
1.00000	-0.620687	-18.200048		0.022944	
-1.79E-05	-0.004352	-14.959749			

ELEM 114 ===== LENGTH = 4.005208

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.00000	1.177169	16.987811		0.040659	
2.00E-05	0.040317	-15.040477			
0.17198	1.177169	16.987811		0.040659	
2.00E-05	0.015168	-26.742055			
0.34395	1.177169	16.987811		0.040659	
2.00E-05	-0.012838	-38.443294			
0.51593	1.177169	16.987811		0.040659	
2.00E-05	-0.040843	-50.144534			
0.68791	1.177169	16.987811		0.040659	
2.00E-05	-0.068849	-61.845773			

ELEM 115 ===== LENGTH = 4.005766

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.31205	-0.834290	-18.331777		0.114794	
-3.20E-05	0.992492	-17.785240			
0.48404	-0.834290	-18.331777		0.114794	
-3.20E-05	0.152392	-53.359346			
0.65603	-0.834290	-18.331777		0.114794	
-3.20E-05	0.073306	-40.729824			
0.82801	-0.834290	-18.331777		0.114794	
-3.20E-05	-0.005781	-28.010302			
1.00000	-0.834290	-18.331777		0.114794	
-3.20E-05	-0.084867	-15.470779			

ELEM 116 ===== LENGTH = 4.004798

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.00000	0.992492	17.785240		0.122763	
-4.85E-05	0.110810	-15.536739			
0.17197	0.992492	17.785240		0.122763	
-4.85E-05	0.026263	-27.785423			
0.34394	0.992492	17.785240		0.122763	
-4.85E-05	-0.058283	-40.034108			
0.51591	0.992492	17.785240		0.122763	
-4.85E-05	-0.142830	-52.287292			
0.68787	0.992492	17.785240		0.122763	
-4.85E-05	-0.227377	-64.531476			

ELEM 117 ===== LENGTH = 4.005401

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.31208	-0.882220	-17.937119		0.156905	
-5.66E-05	0.310764	-65.964070			
0.48406	-0.882220	-17.937119		0.156905	
-5.66E-05	0.206880	-53.608081			
0.65604	-0.882220	-17.937119		0.156905	
-5.66E-05	0.094596	-41.252093			
0.82802	-0.882220	-17.937119		0.156905	
-5.66E-05	-0.013468	-28.896104			

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FRAME ELEMENT INTERNAL FORCES

REL_DIST T M2 P M3 V2 V3

ELEM 118 ===== LENGTH = 4.004429

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.31216	-0.976693	-17.657667		-0.082808	
-2.61E-05	-0.976693	-17.657667		-0.082808	
0.65608	-0.976693	-17.657667		-0.082808	
2.61E-05	-0.039584	-42.147558			
0.82804	-0.976693	-17.657667		-0.082808	
2.61E-05	0.017437	-29.985512			
1.00000	-0.976693	-17.657667		-0.082808	
2.61E-05	0.074457	-17.829752			

ELEM 126 ===== LENGTH = 4.005348

0.00000 0.914548 17.930457 0.157070

-7.16E-05 0.137174 -16.587591

0.17196 0.914548 17.930457 0.157070

-7.16E-05 0.029014 -28.934995

0.34392 0.914548 17.930457 0.157070

-7.16E-05 -0.079145 -41.282038

0.51588 0.914548 17.930457 0.157070

-7.16E-05 -0.187305 -53.629081

0.68789 0.914548 17.930457 0.157070

-7.16E-05 -0.295465 -65.976125

ELEM 119 ===== LENGTH = 4.005078

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.31210	-0.994349	-17.483400		0.141150	
-6.91E-05	0.278450	-65.870609			
0.48408	-0.994349	-17.483400		0.141150	
-6.91E-05	0.181230	-53.928576			
0.65605	-0.994349	-17.483400		0.141150	
-6.91E-05	0.084010	-41.786543			
0.82803	-0.994349	-17.483400		0.141150	
-6.91E-05	0.013210	-29.744510			
1.00000	-0.994349	-17.483400		0.141150	
-6.91E-05	-0.110430	-17.702478			

ELEM 120 ===== LENGTH = 4.005078

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.00000	0.754632	17.784274		0.135616	
-5.75E-05	0.118575	-17.731261			
0.17197	0.754632	17.784274		0.135616	
-5.75E-05	0.025127	-29.980540			
0.34395	0.754632	17.784274		0.135616	
-5.75E-05	-0.068241	-42.229792			
0.51592	0.754632	17.784274		0.135616	
-5.75E-05	-0.161649	-54.479058			
0.68790	0.754632	17.784274		0.135616	
-5.75E-05	-0.255057	-66.726324			

ELEM 121 ===== LENGTH = 4.005796

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.00000	0.754632	17.784274		0.135616	
-5.75E-05	0.118575	-17.731261			
0.17197	0.754632	17.784274		0.135616	
-5.75E-05	0.025127	-29.980540			
0.34395	0.754632	17.784274		0.135616	
-5.75E-05	-0.068241	-42.229792			
0.51592	0.754632	17.784274		0.135616	
-5.75E-05	-0.161649	-54.479058			
0.68790	0.754632	17.784274		0.135616	
-5.75E-05	-0.255057	-66.726324			

ELEM 122 ===== LENGTH = 4.004797

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.00000	0.754632	17.784274		0.135616	
-5.75E-05	0.118575	-17.731261			
0.17197	0.754632	17.784274		0.135616	
-5.75E-05	0.025127	-29.980540			
0.34395	0.754632	17.784274		0.135616	
-5.75E-05	-0.068241	-42.229792			
0.51592	0.754632	17.784274		0.135616	
-5.75E-05	-0.161649	-54.479058			
0.68790	0.754632	17.784274		0.135616	
-5.75E-05	-0.255057	-66.726324			

ELEM 123 ===== LENGTH = 4.004559

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.31214	-1.032240	-17.612199		-0.001472	
-9.07E-06	0.002563	-66.579337			
0.48412	-1.032240	-17.612199		-0.001472	
-9.07E-06	0.003576	-54.450878			
0.65607	-1.032240	-17.612199		-0.001472	
-9.07E-06	0.004590	-42.322419			
0.82804	-1.032240	-17.612199		-0.001472	
-9.07E-06	0.005604	-30.193960			
1.00000	-1.032240	-17.612199		-0.001472	
-9.07E-06	0.006617	-18.065502			

ELEM 124 ===== LENGTH = 4.005541

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.00000	0.710325	17.801952		-0.010610	
-8.83E-06	-0.003450	-18.089410			
0.17198	0.710325	17.801952		-0.010610	
-8.83E-06	0.003859	-30.352911			
0.34397	0.710325	17.801952		-0.010610	
-8.83E-06	0.011168	-42.616411			
0.51595	0.710325	17.801952		-0.010610	
-8.83E-06	0.018477	-54.879912			
0.68792	0.710325	17.801952		-0.010610	
-8.83E-06	0.025786	-67.143413			

ELEM 125 ===== LENGTH = 4.004362

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.31216	-0.976693	-17.657667		-0.082808	
-2.61E-05	-0.976693	-17.657667		-0.082808	
0.65608	-0.976693	-17.657667		-0.082808	
2.61E-05	-0.039584	-42.147558			
0.82804	-0.976693	-17.657667		-0.082808	
2.61E-05	0.017437	-29.985512			
1.00000	-0.976693	-17.657667		-0.082808	
2.61E-05	0.074457	-17.829752			

ELEM 126 ===== LENGTH = 4.005348

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.00000	0.770679	17.767434		-0.090199	
2.04E-05	-0.069158	-17.860458			
0.17198	0.770679	17.767434		-0.090199	
2.04E-05	-0.007025	-30.099322			
0.34396	0.770679	17.767434		-0.090199	
2.04E-05	0.055107	-42.338186			
0.51594	0.770679	17.767434		-0.090199	
2.04E-05	0.117239	-54.577049			
0.68792	0.770679	17.767434		-0.090199	
2.04E-05	0.179371	-66.815913			

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FRAME ELEMENT INTERNAL FORCES

ELEM 127 ===== LENGTH = 4.005197

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.31209	-1.002686	-17.701296		-0.141316	
6.17E-05	-0.265837	-66.047088			
0.48407	-1.002686	-17.701296		-0.141316	
6.17E-05	-0.168499	-53.854451			
0.65605	-1.002686	-17.701296		-0.141316	
6.17E-05	-0.071181	-41.661813			
0.82802	-1.002686	-17.701296		-0.141316	
6.17E-05	0.025175	-29.489175			
1.00000	-1.002686	-17.701296		-0.141316	
6.17E-05	0.123516	-17.276537			

ELEM 128 ===== LENGTH = 4.005197

LOAD AFTER -----

REL_DIST	M2	P	M3	V2	V3
0.00000	0.753377	17.664312		-0.145138	
3.19E-05	-0.113545	-17.323508			
0.17198	0.753377	17.664312		-0.145138	
3.19E-05	-0.013574	-29.490669			
0.34395	0.753377	17.664312		-0.145138	
3.19E-05	0.086397	-41.657833			
0.51593	0.753377	17.66431			

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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 4.005348	141	=====	LENGTH =	
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.31208	-1.014966		-17.650045	0.090559
-3.50E-05	0.180008		-66.460238	
0.48406	-1.014966		-17.650045	0.090559
-3.50E-05	0.171627		-54.302236	
0.65604	-1.014966		-17.650045	0.090559
-3.50E-05	0.055246		-42.144234	
0.82802	-1.014966		-17.650045	0.090559
-3.50E-05	-0.007134		-29.986232	
1.00000	-1.014966		-17.650045	0.090559
-3.50E-05	-0.069515		-17.828229	
ELEM 142 ===== LENGTH =				
4.004362				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.00000	0.732382		17.775812	0.082507
-2.50E-05	0.074159		-17.853247	
0.17196	0.732382		17.775812	0.082507
-2.50E-05	0.017346		-30.093504	
0.34392	0.732382		17.775812	0.082507
-2.50E-05	-0.039468		-42.333761	
0.51589	0.732382		17.775812	0.082507
-2.50E-05	-0.096281		-54.574017	
0.68784	0.732382		17.775812	0.082507
-2.50E-05	-0.153094		-66.814274	
ELEM 143 ===== LENGTH =				
4.004559				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.31214	-0.984424		-17.609464	0.010109
2.56E-06	0.024919		-66.565615	
0.48411	-0.984424		-17.609464	0.010109
2.56E-06	0.017958		-54.439040	
0.65607	-0.984424		-17.609464	0.010109
2.56E-06	0.010937		-42.312464	
0.82804	-0.984424		-17.609464	0.010109
2.56E-06	0.004036		-30.185889	
1.00000	-0.984424		-17.609464	0.010109
2.56E-06	-0.002926		-18.059314	
ELEM 144 ===== LENGTH =				
4.005557				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.00000	0.758304		17.810312	0.001354
3.27E-06	0.006635		-18.082765	
0.17198	0.758304		17.810312	0.001354
3.27E-06	0.005702		-30.352099	
0.34397	0.758304		17.810312	0.001354
3.27E-06	0.004769		-42.621433	
0.51595	0.758304		17.810312	0.001354
3.27E-06	0.003836		-54.890767	
0.68793	0.758304		17.810312	0.001354
3.27E-06	0.002904		-67.160101	
ELEM 145 ===== LENGTH =				
4.004797				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.31213	-1.034162		-17.588827	-0.073134
4.89E-05	-0.134769		-66.415405	
0.48409	-1.034162		-17.588827	-0.073134
4.89E-05	-0.084402		-54.301992	
0.65606	-1.034162		-17.588827	-0.073134
4.89E-05	-0.034034		-42.188579	
0.82803	-1.034162		-17.588827	-0.073134
4.89E-05	0.016333		-30.075166	
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REL_DIST	M2	P	M3	V2
1.00000	-1.034162		-17.588827	-0.073134
4.89E-05	0.066701		-17.961753	
ELEM 146 ===== LENGTH =				
4.004797				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.00000	0.713703		17.874083	-0.080256
2.07E-05	-0.060898		-17.993086	
0.17197	0.713703		17.874083	-0.080256
2.07E-05	-0.005626		-30.302955	
0.34394	0.713703		17.874083	-0.080256
2.07E-05	0.049647		-42.612923	
0.51591	0.713703		17.874083	-0.080256
2.07E-05	0.104919		-54.922692	
0.68787	0.713703		17.874083	-0.080256
2.07E-05	0.160192		-67.232560	
ELEM 147 ===== LENGTH =				
4.005101				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.31210	-0.951858		-17.490524	-0.138191
6.45E-05	-0.259631		-65.878965	
0.48408	-0.951858		-17.490524	-0.138191
6.45E-05	-0.164449		-53.831924	
0.65605	-0.951858		-17.490524	-0.138191
6.45E-05	-0.069267		-41.784882	
0.82803	-0.951858		-17.490524	-0.138191
6.45E-05	0.025916		-29.737841	
1.00000	-0.951858		-17.490524	-0.138191
6.45E-05	0.121098		-17.690799	
ELEM 148 ===== LENGTH =				
4.005078				
LOAD AFTER -----				

REL_DIST				
0.00000	M2	P	M3	V2
5.02E-05	-0.110430		-17.739519	-0.141629
0.17197	0.796821		17.778673	-0.141629
5.02E-05	-0.012881		-29.978926	-0.141629
0.34395	0.796821		17.778673	-0.141629
5.02E-05	0.084669		-42.224334	-0.141629
0.51592	0.796821		17.778673	-0.141629
5.02E-05	0.182219		-54.469741	-0.141629
0.68790	0.796821		17.778673	-0.141629
5.02E-05	0.279768		-66.715149	-0.141629
ELEM 149 ===== LENGTH =				
4.004429				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.31215	-0.948055		-17.948891	-0.160483
5.20E-05	-0.301563		-65.977230	-0.160483
0.48412	-0.948055		-17.948891	-0.160483
5.20E-05	-0.191053		-53.617493	-0.160483
0.65608	-0.948055		-17.948891	-0.160483
5.20E-05	-0.080543		-41.257756	-0.160483
0.82804	-0.948055		-17.948891	-0.160483
5.20E-05	0.029867		-28.898019	-0.160483
1.00000	-0.948055		-17.948891	-0.160483
5.20E-05	0.140477		-16.538282	-0.160483
ELEM 150 ===== LENGTH =				
4.005428				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.00000	0.848219		17.917395	-0.158124
6.45E-05	-0.122209		-16.596232	-0.158124
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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	M2	P	M3	V2
0.17198	0.848219		17.917395	-0.158124
6.45E-05	-0.013284		-28.938753	-0.158124
0.34396	0.848219		17.917395	-0.158124
6.45E-05	0.095642		-41.281274	-0.158124
0.51594	0.848219		17.917395	-0.158124
6.45E-05	0.204567		-53.623785	-0.158124
0.68792	0.848219		17.917395	-0.158124
6.45E-05	0.313492		-65.966317	-0.158124
ELEM 151 ===== LENGTH =				
4.004798				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.31213	-0.827737		-18.328854	-0.126559
2.66E-05	-0.234267		-65.973959	-0.126559
0.48409	-0.827737		-18.328854	-0.126559
2.66E-05	-0.147106		-53.350889	-0.126559
0.65606	-0.827737		-18.328854	-0.126559
2.66E-05	-0.059945		-40.727818	-0.126559
0.82803	-0.827737		-18.328854	-0.126559
2.66E-05	0.027216		-28.104748	-0.126559
1.00000	-0.827737		-18.328854	-0.126559
2.66E-05	0.114377		-15.481677	-0.126559
ELEM 152 ===== LENGTH =				
4.004798				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.00000	0.999007		17.906442	-0.117339
4.23E-05	-0.086766		-15.557777	-0.117339
0.17197	0.999007		17.906442	-0.117339
4.23E-05	-0.005955		-27.810182	-0.117339
0.34394	0.999007		17.906442	-0.117339
4.23E-05	0.074857		-40.062587	-0.117339
0.51591	0.999007		17.906442	-0.117339
4.23E-05	0.155668		-52.314991	-0.117339
0.68787	0.999007		17.906442	-0.117339
4.23E-05	0.236480		-64.567396	-0.117339
ELEM 153 ===== LENGTH =				
4.005242				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.31209	-0.707134		-18.137961	-0.044352
1.32E-05	-0.075670		-64.941690	-0.044352
0.48407	-0.707134		-18.137961	-0.044352
1.32E-05	-0.045120		-52.448074	-0.044352
0.65605	-0.707134		-18.137961	-0.044352
1.32E-05	-0.014571		-39.954459	-0.044352
0.82802	-0.707134		-18.137961	-0.044352
1.32E-05	0.015979		-27.460842	-0.044352
1.00000	-0.707134		-18.137961	-0.044352
1.32E-05	0.046529		-14.967226	-0.044352
ELEM 154 ===== LENGTH =				
4.004210				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.00000	1.090289		17.041285	-0.026963
-2.67E-05	-0.007830		-15.051053	-0.026963
0.17196	1.090289		17.041285	-0.026963
-2.67E-05	0.010736		-26.784872	-0.026963
0.34391	1.090289		17.041285	-0.026963
-2.67E-05	0.029301		-38.518692	-0.026963
0.51587	1.090289		17.041285	-0.026963
-2.67E-05	0.047867		-50.252511	-0.026963
0.68783	1.090289		17.041285	-0.026963
-2.67E-05	0.066432		-61.986330	-0.026963
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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 =	
4.005661				
LOAD AFTER -----				
REL_DIST	M2	P	M3	V2
0.31206	-0.457888		-20.522002	0.087182
-0.000142	0.181081		-106.915313	

0.48404	-0.457888		-20.522002	0.087182
-0.000142	0.121020		-92.777393	
0.65603	-0.457888		-20.522002	0.087182
-0.000142	0.060959		-78.639473	
0.82801	-0.457888		-20.522002	0.087182
-0.000142	0.000899		-64.501553	
1.00000	-0.457888		-20.522002	0.087182
-0.000142	-0.059162		-50.363633	
ELEM	156	=====	LENGTH =	
4.004699				
LOAD	AFTER	-----		
REL_DIST		P	V2	V3
T	M2	M3		
0.00000	1.490418	17.442304		0.117510
7.48E-05	0.115166	-50.462708		
-0.1397	1.490418	17.442304		0.117510
-2.38E-05	0.034230	-62.474785		
0.34393	1.490418	17.442304		0.117510
-2.38E-05	-0.046696	-74.488681		
0.51590	1.490418	17.442304		0.117510
-2.38E-05	-0.127622	-86.498937		
0.68787	1.490418	17.442304		0.117510
-2.38E-05	-0.208548	-98.511014		
ELEM	157	=====	LENGTH =	
4.005198				
LOAD	AFTER	-----		
REL_DIST		P	V2	V3
T	M2	M3		
0.31209	-0.591580	-18.789729		0.242674
0.000193	0.473487	-65.755639		
0.49407	-0.591580	-18.789729		0.242674
-0.000193	0.311314	-52.813514		
0.65605	-0.591580	-18.789729		0.242674
-0.000193	0.144160	-39.871160		
0.82802	-0.591580	-18.789729		0.242674
-0.00193	0.022904	-26.928005		
1.00000	-0.591580	-18.789729		0.242674
-0.000193	-0.190147	-13.986450		
ELEM	158	=====	LENGTH =	
4.005198				
LOAD	AFTER	-----		
REL_DIST		P	V2	V3
T	M2	M3		
0.00000	1.258731	17.376278		0.258215
7.48E-05	0.226284	-14.059826		
-0.17198	1.258731	17.376278		0.258215
-7.48E-05	0.048425	-26.028397		
0.34395	1.258731	17.376278		0.258215
-7.48E-05	-0.129433	-37.997167		
0.51593	1.258731	17.376278		0.258215
-7.48E-05	-0.307291	-49.965938		
0.68791	1.258731	17.376278		0.258215
-7.48E-05	-0.485149	-61.934709		
ELEM	159	=====	LENGTH =	
4.004740				
LOAD	AFTER	-----		
REL_DIST		P	V2	V3
T	M2	M3		
0.31313	-0.734955	-18.485384		0.338546
0.000179	0.603332	-65.962033		
0.48410	-0.734955	-18.485384		0.338546
-0.000179	0.427181	-53.231425		
0.65607	-0.734955	-18.485384		0.338546
-0.000179	0.194029	-40.500817		
0.82803	-0.734955	-18.485384		0.338546
0.000179	0.039123	-49.965938		
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REL_DIST		P	V2	V3
T	M2	M3		
1.00000	-0.734955	-18.485384		0.338546
-0.000179	-0.272275	-15.039600		
ELEM	160	=====	LENGTH =	
4.004784				
LOAD	AFTER	-----		
REL_DIST		P	V2	V3
T	M2	M3		
0.00000	-0.926383	-17.643978		0.343208
-0.000180	0.233918	-15.092395		
0.17197	1.092699	17.737054		0.343208
-0.000180	0.057552	-27.307831		
0.34394	1.092699	17.737054		0.343208
-0.000180	-0.178814	-39.523268		
0.51598	1.092699	17.737054		0.343208
-0.000180	-0.415180	-51.789705		
0.68787	1.092699	17.737054		0.343208
-0.000180	-0.651646	-63.954141		
ELEM	161	=====	LENGTH =	
4.005323				
LOAD	AFTER	-----		
REL_DIST		P	V2	V3
T	M2	M3		
0.31308	0.625019	-17.643978		0.347419
-0.000250	-0.675393	-65.120160		
0.48406	-0.926383	-17.643978		0.347419
-0.000250	0.435706	-52.966446		
0.65604	-0.926383	-17.643978		0.347419
-0.000250	0.196393	-40.812732		
0.82802	-0.926383	-17.643978		0.347419
-0.000250	-0.042920	-28.659018		
1.00000	-0.926383	-17.643978		0.347419
-0.000250	-0.282233	-16.505304		
ELEM	162	=====	LENGTH =	
4.004372				
LOAD	AFTER	-----		
REL_DIST		P	V2	V3
T	M2	M3		
0.00000	0.829113	-17.616883		0.343975
-0.000125	0.292866	-16.529424		
0.17196	0.829113	17.616883		0.343975
-0.000125	0.056008	-28.729145		
0.34392	0.829113	17.616883		0.343975
-0.000125	-0.180851	-40.928866		
0.51588	0.829113	17.616883		0.343975
-0.000125	-0.417709	-53.128587		
0.68784	0.829113	17.616883		0.343975
-0.000125	-0.654568	-65.328308		
ELEM	163	=====	LENGTH =	
4.005000				
LOAD	AFTER	-----		

3.97E-05 -0.119732 -15.511117 -0.146685
0.17198 0.708942 17.585253
3.97E-05 -0.018695 -27.623852 -0.146685
0.34395 0.708942 17.585253
3.97E-05 0.082342 -39.736586 -0.146685
0.51593 0.708942 17.585253
3.97E-05 0.183378 -51.849320 -0.146685
0.68791 0.708942 17.585253
3.97E-05 0.284415 -63.962054

ELEM 171 ===== LENGTH =
4.005006

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.31211 -1.062982 -18.019698 -0.282783
8.66E-05 -0.535958 -63.117539
0.48408 -0.1262982 -18.019698 -0.282783
8.66E-05 -0.341191 -50.706444 -0.282783
0.65605 -1.062982 -18.019698 -0.282783
8.66E-05 -0.146424 -38.29530 -0.282783
0.82803 -1.062982 -18.019698 -0.282783
8.66E-05 0.048344 -25.884256 -0.282783
1.00000 -1.062982 -18.019698 -0.282783
8.66E-05 0.243111 -13.473162

ELEM 172 ===== LENGTH =
4.005006

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.704748 18.313027 -0.292020
0.000162 -0.242151 -13.496800 -0.292020
0.17197 0.704748 18.313027 -0.292020
0.000162 -0.041021 -26.109325 -0.292020
0.34395 0.704748 18.313027 -0.292020
0.000162 0.160108 -38.723050 -0.292020
0.51592 0.704748 18.313027 -0.292020
0.000162 0.361237 -51.336175 -0.292020
0.68789 0.704748 18.313027 -0.292020
0.000162 0.562366 -63.949300

ELEM 173 ===== LENGTH =
4.004852

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.31212 -1.044518 -16.118790 -0.423575
0.000420 -0.805720 -57.596049 -0.423575
0.48409 -1.044518 -16.118790 -0.423575
0.000420 -0.513999 -46.494830 -0.423575
0.65606 -1.044518 -16.118790 -0.423575
0.000420 -0.222277 -35.393611 -0.423575
0.82803 -1.044518 -16.118790 -0.423575
0.000420 0.069445 -24.292392 -0.423575
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REL_DIST P M2 M3 V2 V3
1.00000 -1.044518 -16.118790 -0.423575
0.000420 0.361167 -13.191173

ELEM 174 ===== LENGTH =
4.004918

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.599148 17.543175 -0.427412
-4.82E-06 -0.353608 -13.215491 -0.427412
0.17197 0.599148 17.543175 -0.427412
-8.26E-06 -0.297994 -25.297994 -0.427412
0.34394 0.599148 17.543175 -0.427412
-4.82E-06 0.235134 -37.380498 -0.427412
0.51591 0.599148 17.543175 -0.427412
-4.82E-06 0.529505 -49.463001 -0.427412
0.68788 0.599148 17.543175 -0.427412
-4.82E-06 0.828777 -61.545504

ELEM 175 ===== LENGTH =
4.004810

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.31212 -0.744907 -17.131527 -0.557001
-0.000516 -1.044932 -53.460779 -0.557001
0.17197 -0.744907 -17.131527 -0.557001
-0.000516 -0.651316 -41.662222 -0.557001
0.65606 -0.744907 -17.131527 -0.557001
-0.000516 -0.277708 -29.863732 -0.557001
0.82803 -0.744907 -17.131527 -0.557001
-0.000516 0.105900 -18.065209 -0.557001
1.00000 -0.744907 -17.131527 -0.557001
-0.000516 0.489508 -6.266885

ELEM 176 ===== LENGTH =
4.004810

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 1.079408 21.301041 -0.557336
0.001089 -0.478017 -6.327068 -0.557336
0.17197 1.079408 21.301041 -0.557336
0.001089 -0.094178 -20.997947 -0.557336
0.34394 1.079408 21.301041 -0.557336
0.001089 0.289661 -35.668025 -0.557336
0.51591 1.079408 21.301041 -0.557336
0.001089 0.673500 -50.338103 -0.557336
0.68788 1.079408 21.301041 -0.557336
0.001089 1.057339 -65.008182

ELEM 177 ===== LENGTH =
4.004670

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.31214 0.665301 3.188542 -0.493006
-0.050335 -1.035017 -40.429126 -0.493006
0.48410 -0.665301 3.188542 -0.493006
0.005035 -0.695500 -42.624972 -0.493006
0.65607 0.665301 3.188542 -0.493006
0.005035 -0.355983 -44.820817 -0.493006
0.82803 0.665301 3.188542 -0.493006
0.005035 -0.016466 -47.016662 -0.493006
1.00000 0.665301 3.188542 -0.493006
0.005035 0.323051 -49.212507

ELEM 178 ===== LENGTH =
4.005666

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 1.602298 16.773148 -0.477629
-0.004236 -0.291324 -49.228176
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FORCES

REL_DIST P M2 M3 V2 V3
0.17199 1.602298 16.773148 -0.477629
-0.004236 0.037722 -60.783476 -0.477629
0.34397 1.602298 16.773148 -0.477629
-0.004236 0.366769 -72.338777 -0.477629
0.51596 1.602298 16.773148 -0.477629
-0.004236 0.695815 -83.894077 -0.477629
0.68794 1.602298 16.773148 -0.477629
-0.004236 1.024862 -95.449377

ELEM 179 ===== LENGTH =
4.521045

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.358326 -13.609550 -0.253766
0.000120 -0.604460 -0.026320 -0.253766
0.25000 0.151363 -5.545926 -0.253766
0.000120 -0.317637 10.799027 -0.253766
0.50000 0.055500 2.517697 -0.253766
0.000120 -0.030815 12.510372 -0.253766
0.75000 -0.262563 10.581320 -0.253766
0.000120 0.256008 5.107716 -0.253766
1.00000 -0.469525 18.649444 -0.253766
0.000120 0.542830 -11.408991

ELEM 180 ===== LENGTH =
5.022361

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.508044 -19.824063 -0.157934
0.000104 -0.409303 -11.456491 -0.157934
0.25000 0.279671 -0.866225 -0.157934
0.000104 -0.211003 7.810723 -0.157934
0.50000 0.051297 -1.908388 -0.157934
0.000104 -0.012702 15.830564 -0.157934
0.75000 -0.177077 7.049449 -0.157934
0.000104 0.185599 12.603031 -0.157934
1.00000 -0.405451 16.007286 -0.157934
0.000104 0.383900 -1.871876

ELEM 181 ===== LENGTH =
5.022252

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.445918 -17.675540 -0.118601
6.23E-05 -0.318102 -1.907612 -0.118601
0.25000 0.215762 -8.717989 -0.118601
6.23E-05 -0.169191 14.661758 -0.118601
0.50000 -0.014395 0.239561 -0.118601
6.23E-05 -0.020280 19.984359 -0.118601
0.75000 -0.244552 9.197112 -0.118601
6.23E-05 0.128631 14.060189 -0.118601
1.00000 -0.474709 18.154663 -0.118601
6.23E-05 0.277542 -3.110750

ELEM 182 ===== LENGTH =
5.023147

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.440189 -18.216056 -0.070012
3.00E-05 -0.196403 -3.134367 -0.070012
0.25000 0.211815 -9.525815 -0.070012
3.00E-05 -0.108482 14.115688 -0.070012
0.50000 -0.016559 -0.297574 -0.070012
3.00E-05 -0.020561 20.114806 -0.070012
0.75000 -0.244933 8.661667 -0.070012
3.00E-05 0.067359 14.863047 -0.070012
1.00000 -0.473307 17.620907 -0.070012
3.00E-05 0.155280 -1.639608

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ELEM 183 ===== LENGTH =
5.022156

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.717433 -17.827956 -0.019980
-1.65E-06 -0.071654 -1.650959 -0.019980
0.25000 0.187276 -8.870577 -0.019980
-1.65E-06 -0.046569 15.109585 -0.019980
0.50000 -0.042881 0.086801 -0.019980
-1.65E-06 -0.021484 20.623752 -0.019980
0.75000 -0.273038 9.044180 -0.019980
-1.65E-06 -0.030892 14.891600 -0.019980
1.00000 -0.503194 18.001559 -0.019980
-1.65E-06 0.028687 -2.086890

ELEM 184 ===== LENGTH =
5.023222

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.391578 -17.566042 0.029003
-2.79E-05 0.053239 -2.081332 0.029003
0.25000 0.163204 -8.606669 0.029003
-2.79E-05 0.016817 14.352584 0.029003
0.50000 -0.065170 0.352705 0.029003
-2.79E-05 -0.019605 19.535270 0.029003
0.75000 -0.293544 9.310279 0.029003
-2.79E-05 -0.056027 13.466726 0.029003
1.00000 -0.521918 18.271452 0.029003
-2.79E-05 -0.092448 -3.853048

ELEM 185 ===== LENGTH =
5.022342

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.384164 -17.642586 0.073128
-4.90E-05 0.166342 -3.840013 0.073128
0.25000 0.154008 -6.694875 0.073128
-4.90E-05 0.074524 12.688175 0.073128
0.50000 -0.076149 0.272836 0.073128
-4.90E-05 -0.017294 17.969191 0.073128
0.75000 -0.306306 9.230548 0.073128
-4.90E-05 -0.109112 12.003036 0.073128
1.00000 -0.536463 18.188259 0.073128
-4.90E-05 -0.200930 -5.210291

ELEM 186 ===== LENGTH =
5.022515

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.347699 -16.668256 0.107405
-6.19E-05 0.258516 -5.187244 0.107405
0.25000 0.119325 -7.710144 0.107405
-6.19E-05 0.123656 10.117866 0.107405
0.50000 -0.109049 1.247968 0.107405
-6.19E-05 -0.011205 14.174913 0.107405
0.75000 -0.337423 10.206080 0.107405
-6.19E-05 -0.146065 6.983897 0.107405
1.00000 -0.565797 19.164192 0.107405
-6.19E-05 -0.280925 -11.455182

ELEM 187 ===== LENGTH =
5.022701

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.369991 -16.226581 0.120100
-6.14E-05 0.302527 -11.421959 0.120100
0.25000 0.106935 -7.268229 0.120100
-6.14E-05 0.151719 3.328966 0.120100
0.50000 -0.123322 1.690122 0.120100
-6.14E-05 0.000912 6.831111 0.120100
0.75000 -0.353479 10.648474 0.120100
-6.14E-05 -0.149895 -0.915524 0.120100
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REL_DIST P M2 M3 V2 V3
1.00000 -0.563636 19.606826 0.120100
-6.14E-05 -0.300702 -19.910938

ELEM 188 ===== LENGTH =
5.022983

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.350843 -16.659736 0.103720
-4.89E-05 0.273780 -19.882225 0.103720
0.25000 0.122469 -7.700789 0.103720
-4.89E-05 0.143534 -4.586913 0.103720
0.50000 -0.105905 1.258157 0.103720
-4.89E-05 0.013288 -0.541760 0.103720
0.75000 -0.334278 10.217104 0.103720
-4.89E-05 -0.118958 -7.746765 0.103720
1.00000 -0.528252 19.176011 0.103720
-4.89E-05 -0.247204 -26.201928

ELEM 189 ===== LENGTH =
5.022330

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.379656 -17.017389 0.061777
-2.94E-05 0.177441 -26.180591 0.061777
0.25000 0.159499 -8.059700 0.061777
-2.94E-05 0.098875 -10.437405 0.061777
0.50000 -0.080658 0.897989 0.061777
-2.94E-05 0.022309 -5.941346 0.061777
0.75000 -0.310815 9.855678 0.061777
-2.94E-05 -0.055258 -12.692403 0.061777
1.00000 -0.540391 -18.813367 0.061777
-2.94E-05 -0.132824 -30.690577

ELEM 190 ===== LENGTH =
5.022717

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.462651 -19.189894 0.011459
-9.54E-06 0.049236 -30.668276 0.011459
0.25000 0.234277 -10.231422 0.011459
-9.54E-06 0.034847 -12.196409 0.011459
0.50000 -0.050903 -1.272950 0.011459
-9.54E-06 0.020459 -4.973509 0.011459
0.75000 -0.222470 7.685522 0.011459
-9.54E-06 0.006070 -8.999576 0.011459
1.00000 -0.459844 16.643994 0.011459
-9.54E-06 -0.008318 -24.274610

ELEM 191 ===== LENGTH =
5.023175

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.468448 -18.577756 -0.027112
5.35E-06 -0.055800 -24.277009 -0.027112
0.25000 0.238291 -9.818558 -0.027112
5.35E-06 -0.021752 -6.572633 -0.027112
0.50000 0.008134 -0.659360 -0.027112
5.35E-06 0.012295 -0.119161 -0.027112
0.75000 -0.222022 8.299838 -0.027112
5.35E-06 0.053424 -4.9165037 -0.027112
1.00000 -0.452179 17.259037 -0.027112
5.35E-06 0.080389 -20.964930

ELEM 192 ===== LENGTH =
5.022640

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.480930 -18.892104 -0.048136
1.15E-05 -0.115109 -20.978666 -0.048136
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Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >
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FRAME ELEMENT INTERNAL
FORCES

REL_DIST P M2 M3 V2 V3

T M2 M3
0.25000 0.252557 -9.933770 -0.048136
1.65E-05 -0.054668 -2.860919 -0.048136
0.50000 0.024183 -0.975435 -0.048136
1.65E-05 0.005774 3.968206 -0.048136
0.75000 -0.204191 7.982899 -0.048136
1.65E-05 0.066216 -0.431289 -0.048136
1.00000 -0.432565 16.941233 -0.048136
1.65E-05 0.126658 -16.079406

ELEM 193 ===== LENGTH =
5.022213

LOAD AFTER -----
REL_DIST P M2 M3 V2 V3

0.00000 0.486808 -18.959549 -0.051446
2.03E-05 -0.131850 -16.095653 -0.051446
0.25000 0.256651 -10.002067 -0.051446
2.03E-05 -0.067239 2.084863 -0.0514

T M2 M3
0.00000 0.402981 -16.610530 0.019135
-2.22E-06 0.063914 -21.119785
0.25000 0.172825 -7.652242 0.019135
-2.22E-06 0.039887 -5.886813
0.50000 -0.057332 1.306046 0.019135
-2.22E-06 0.015860 -1.902460
0.75000 -0.287489 10.264334 0.019135
-2.22E-06 -0.008166 -9.166727
1.00000 -0.175646 19.222622 0.019135
-2.22E-06 -0.032193 -27.679614

ELEM 201 ===== LENGTH =
5.022639

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.486981 -19.222556 -0.019102
8.91E-06 -0.032108 -27.679607
0.25000 0.258607 -10.264222 -0.019102
8.91E-06 -0.008121 -9.166926
0.50000 0.030233 -1.305888 -0.019102
8.91E-06 0.015864 -1.902864
0.75000 -0.198141 7.652445 -0.019102
8.91E-06 0.039850 -5.887422
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< AFTER COMPOSITE SELF-WEIGHT LOAD >
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FRAME ELEMENT INTERNAL
FORCES

REL_DIST T M2 M3 V2 V3
1.00000 -0.426515 16.610779 -0.019102
8.91E-06 0.063835 -21.120600

ELEM 202 ===== LENGTH =
5.022719

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.488819 -18.831099 -0.046106
1.58E-05 -0.103939 -21.133132
0.25000 0.258662 -9.872714 -0.046106
1.58E-05 -0.051495 -3.111733
0.50000 0.028505 -0.914329 -0.046106
1.58E-05 0.006399 3.668002
0.75000 -0.201652 8.044056 -0.046106
1.58E-05 0.064293 -0.815524
1.00000 -0.431808 17.022440 -0.046106
1.58E-05 0.122186 -16.540713

ELEM 203 ===== LENGTH =
5.022807

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.488108 -18.942672 -0.051854
1.66E-05 -0.131973 -16.553048
0.25000 0.259734 -9.984040 -0.051854
1.66E-05 -0.066859 1.608317
0.50000 0.031360 -1.025407 -0.051854
1.66E-05 -0.001746 8.520608
0.75000 -0.197014 9.933226 -0.051854
1.66E-05 0.063368 4.183527
1.00000 -0.425388 16.891859 -0.051854
1.66E-05 0.128481 -11.402924

ELEM 204 ===== LENGTH =
5.022004

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.475705 -18.498989 -0.039894
1.15E-05 -0.212630 -11.017078
0.25000 0.245549 -9.542782 -0.039894
1.15E-05 -0.058443 6.184723
0.50000 0.015392 -0.585675 -0.039894
1.15E-05 -0.008355 12.542867
0.75000 -0.214765 8.371432 -0.039894
1.15E-05 0.041732 7.695454
1.00000 -0.444922 17.328540 -0.039894
1.15E-05 0.091820 -8.477816

ELEM 205 ===== LENGTH =
5.023206

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.454525 -18.128969 -0.015951
7.83E-07 -0.051721 -8.480485
0.25000 0.226151 -9.166923 -0.015951
7.83E-07 -0.031690 8.660322
0.50000 -0.002223 -0.210277 -0.015951
7.83E-07 -0.011659 14.549969
0.75000 -0.220737 8.790609 -0.015951
1.00000 0.008373 9.188454
1.00000 -0.589711 17.709416 -0.015951
7.83E-07 0.028404 -7.424222

ELEM 206 ===== LENGTH =
5.022500

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.439530 -17.742817 0.012209
-1.08E-05 0.018953 -7.424777
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< AFTER COMPOSITE SELF-WEIGHT LOAD >
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FRAME ELEMENT INTERNAL
FORCES

REL_DIST T M2 M3 V2 V3
0.25000 0.209373 -8.784824 0.012209
-1.08E-05 0.003523 9.229607
0.50000 -0.020784 0.173169 0.012209
-1.08E-05 -0.011807 14.636111
0.75000 0.250840 9.131163 0.012209
-1.08E-05 -0.027137 8.794735
1.00000 -0.481097 18.089156 0.012209
-1.08E-05 -0.042467 -8.294520

ELEM 207 ===== LENGTH =
5.022814

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3

0.00000 0.420154 -17.405349 0.037480
-2.01E-05 0.085013 -8.288122
0.25000 0.191780 -6.446703 0.037480
-2.01E-05 0.037950 7.943135
0.50000 -0.036594 0.511944 0.037480
-2.01E-05 -0.009113 12.924988
0.75000 -0.264968 9.470590 0.037480
-2.01E-05 -0.056176 6.657436
1.00000 -0.493341 18.429237 0.037480
-2.01E-05 -0.103240 -10.859521

ELEM 208 ===== LENGTH =
5.022238

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.406353 -16.871823 0.052080
-2.15E-05 0.128075 -10.852374
0.25000 0.176196 -7.2114297 0.052080
-2.15E-05 0.062885 4.707851
0.50000 -0.053961 1.043230 0.052080
-2.15E-05 -0.002704 9.021368
0.75000 -0.284118 10.007565 0.052080
-2.15E-05 -0.068094 2.088177
1.00000 -0.514275 18.958282 0.052080
-2.15E-05 -0.133484 -16.931722

ELEM 209 ===== LENGTH =
5.022640

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.406920 -16.941135 0.049071
-1.42E-05 0.128960 -16.078723
0.25000 0.176547 -7.982801 0.049071
-1.42E-05 0.067344 -0.430730
0.50000 -0.049827 0.975533 0.049071
-1.42E-05 0.005728 3.968642
0.75000 -0.276201 9.933668 0.049071
-1.42E-05 -0.055889 -2.880606
1.00000 -0.506575 18.892202 0.049071
-1.42E-05 -0.117505 -20.978476

ELEM 210 ===== LENGTH =
5.023175

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.427568 -17.261391 0.028348
-6.87E-07 0.083453 -20.968443
0.25000 0.197411 -8.302192 0.028348
-6.87E-07 0.047864 -4.917151
0.50000 -0.032745 0.657006 0.028348
-6.87E-07 0.012254 -0.116762 0.028348
0.75000 -0.262902 9.616204
-6.87E-07 -0.023345 -6.567278
1.00000 -0.459305 18.754502 0.028348
-6.87E-07 -0.058944 -24.268698

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

ELEM 211 ===== LENGTH =
5.021718

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.425770 -16.637731 -0.009986
1.80E-05 -0.004637 -24.269565
0.25000 0.197396 -7.681043 -0.009986
1.80E-05 0.007900 -9.004313
0.50000 -0.030978 2.756454 -0.009986
1.80E-05 0.020437 -4.983550
0.75000 -0.259352 10.232333 -0.009986
1.80E-05 0.032973 -12.207277
1.00000 -0.487725 19.189020 -0.009986
1.80E-05 0.045510 -30.675493

ELEM 212 ===== LENGTH =
5.023367

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.515108 -18.811998 -0.060085
3.95E-05 -0.128642 -30.671269 -0.060085
0.25000 0.284952 -9.852456
3.95E-05 -0.053185 -12.672621 -0.060085
0.50000 0.054795 -0.8262915
3.95E-05 0.022273 -5.925018
0.75000 -0.175362 8.066627 -0.060085
3.95E-05 0.097731 -10.429541
1.00000 -0.405519 17.026168 -0.060085
3.95E-05 0.173189 -26.185830

ELEM 213 ===== LENGTH =
5.021984

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.536550 -19.174871 -0.102006
5.48E-05 -0.242853 -26.206742
0.25000 0.308177 -10.217708 -0.102006
5.48E-05 -0.114785 -7.755610
0.50000 0.079803 -1.280545
5.48E-05 0.013284 -0.550159 -0.102006
0.75000 -0.148571 7.696617
5.48E-05 0.141353 -4.590391
1.00000 -0.376945 16.653780 -0.102006
5.48E-05 0.269421 -19.876304

ELEM 214 ===== LENGTH =
5.022746

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3
0.00000 0.556276 -19.602715 -0.118327
6.15E-05 -0.296251 -19.900810
0.25000 0.326119 -10.644283 -0.118327
6.15E-05 -0.147669 -1.910438
0.50000 0.065962 -1.636951
6.15E-05 0.000913 6.830954 -0.118327
0.75000 -0.134195 7.272581
6.15E-05 0.149495 3.323364 -0.118327
1.00000 -0.364352 16.231013 -0.118327
6.15E-05 0.298077 -11.433207

ELEM 215 ===== LENGTH =
5.022515

LOAD AFTER -----

REL_DIST T M2 M3 V2 V3

REL_DIST M2 P M3 V2 V3
0.00000 0.538100 -19.161901 -0.105646
5.71E-05 -0.276487 -11.457738
0.25000 0.309726 -10.203789 -0.105646
5.71E-05 -0.143835 6.978464
0.50000 0.081353 -1.245677 -0.105646
5.71E-05 -0.011182 14.166604
0.75000 -0.147021 7.712435 -0.105646
5.71E-05 0.121470 10.106690
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< AFTER COMPOSITE SELF-WEIGHT LOAD >
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FRAME ELEMENT INTERNAL
FORCES

REL_DIST T M2 P M3 V2 V3
1.00000 -0.375395 16.670547 -0.105646
5.71E-05 0.254122 -5.201306

ELEM 216 ===== LENGTH =
5.023392

LOAD AFTER -----

REL_DIST T M2 P M3 V2 V3
0.00000 0.507339 -18.195182 -0.071366
4.14E-05 -0.196553 -5.233918
0.25000 0.277182 -9.235596 -0.071366
4.14E-05 -0.106928 12.000528
0.50000 0.047026 -0.276010 -0.071366
4.14E-05 -0.017303 17.973093
0.75000 -0.183131 9.693577 -0.071366
4.14E-05 0.072321 12.693780
1.00000 -0.413288 17.643163 -0.071366
4.14E-05 0.161946 -3.837411

ELEM 217 ===== LENGTH =
5.022224

LOAD AFTER -----

REL_DIST T M2 P M3 V2 V3
0.00000 0.492000 -18.268299 -0.027247
1.99E-05 -0.088027 -3.854345
0.25000 0.263826 -9.310708 -0.027247
1.99E-05 -0.053816 13.459147
0.50000 0.035253 -0.353117 -0.027247
1.99E-05 -0.019606 19.525884
0.75000 -0.193121 9.694474 -0.027247
1.99E-05 0.014805 14.345864
1.00000 -0.421495 17.562065 -0.027247
1.99E-05 0.048816 -2.080912

ELEM 218 ===== LENGTH =
5.023212

LOAD AFTER -----

REL_DIST T M2 P M3 V2 V3
0.00000 0.474800 -18.103909 0.021835
-7.40E-06 0.033329 -2.081961
0.25000 0.244643 -9.046444 0.021835
-7.40E-06 0.005909 14.901866
0.50000 0.014487 -0.085379 0.021835
-7.40E-06 -0.021511 20.634622
0.75000 -0.215670 8.873986 0.021835
-7.40E-06 0.048931 15.116306
1.00000 -0.445827 17.833151 0.021835
-7.40E-06 -0.076351 -1.653083

ELEM 219 ===== LENGTH =
5.022150

LOAD AFTER -----

REL_DIST T M2 P M3 V2 V3
0.00000 0.474800 -18.103909 0.021835
-7.40E-06 0.033329 -2.081961
0.25000 0.244643 -9.046444 0.021835
-7.40E-06 0.005909 14.901866
0.50000 0.014487 -0.085379 0.021835
-7.40E-06 -0.021511 20.634622
0.75000 -0.215670 8.873986 0.021835
-7.40E-06 0.048931 15.116306
1.00000 -0.445827 17.833151 0.021835
-7.40E-06 -0.076351 -1.653083

ELEM 220 ===== LENGTH =
5.023317

LOAD AFTER -----

REL_DIST T M2 P M3 V2 V3
0.00000 0.448994 -17.618483 0.072074
-3.86E-05 0.160397 -1.641241
0.25000 0.202620 -8.661024 0.072074
-3.86E-05 0.069905 14.856211
0.50000 -0.007753 0.296435 0.072074
-3.86E-05 -0.020586 20.107238
0.75000 -0.236127 9.253984 0.072074
-3.86E-05 -0.111078 14.111841
1.00000 -0.464501 18.211352 0.072074
-3.86E-05 -0.201570 -3.129980

ELEM 221 ===== LENGTH =
5.023359

LOAD AFTER -----

REL_DIST T M2 P M3 V2 V3
0.25000 0.226468 -9.194989 0.120897
-7.11E-05 0.131454 14.062740
0.50000 -0.003689 -0.237322 0.120897
-7.11E-05 -0.020342 19.984247
0.75000 -0.233846 8.720345 0.120897
-7.11E-05 -0.172138 14.658693
1.00000 -0.464002 17.678012 0.120897
-7.11E-05 -0.323934 -1.913922

ELEM 222 ===== LENGTH =
4.520048

LOAD AFTER -----

REL_DIST T M2 P M3 V2 V3
0.00000 0.394151 -16.013106 0.160394
-0.000109 0.390163 -1.874515
0.25000 0.165777 -7.053487 0.160394
-0.000109 0.188733 12.609457
0.50000 -0.062597 1.906131 0.160394
-0.000109 -0.120877 15.841584
0.75000 -0.230970 10.865750 0.160394
-0.000109 -0.214126 7.821866
1.00000 -0.519344 19.825368 0.160394
-0.000109 -0.415556 -11.449695

ELEM 223 ===== LENGTH =
1.200000

LOAD AFTER -----

REL_DIST T M2 P M3 V2 V3

T M2 M3
0.00000 0.463465 -18.637799 0.257631
-0.000131 0.551159 -11.402980
0.25000 0.256503 -10.575956 0.257631
-0.000131 0.260033 5.102967
0.50000 0.049540 -2.541414 0.257631
-0.000131 -0.031093 12.489936
0.75000 -0.157423 5.547729 0.257631
-0.000131 -0.322219 10.784925
1.00000 -0.634366 13.609571 0.257631
-0.000131 -0.613345 -0.039064

ELEM 223 ===== LENGTH =
1.200000

LOAD AFTER -----

REL_DIST T M2 P M3 V2 V3
0.00000 -453.170239 -0.015846 0.434419
.000000 0.521303 -0.019015
0.25000 -453.170239 -0.015846 0.434419
.000000 0.390977 -0.014261
0.50000 -453.170239 -0.015846 0.434419
.000000 0.260652 -0.009508
0.75000 -453.170239 -0.015846 0.434419
.000000 0.130326 -0.004754
1.00000 -453.170239 -0.015846 0.434419
.000000 8.46E-18 -7.45E-10

ELEM 224 ===== LENGTH =
1.300000

LOAD AFTER -----

REL_DIST T M2 P M3 V2 V3
0.00000 -1419.511 0.018145 -0.991913
.000000 -1.269486 0.023589
1.00000 -1419.511 0.018145 -0.991913
.000000 -0.967115 0.017692
0.50000 -1419.511 0.018145 -0.991913
.000000 -0.644743 0.011794
0.75000 -1419.511 0.01

FORCES

REL DIST

1.000000

0.000000

ELEM

1.300000

LOAD AFTER

REL_DIST

T

0.000000

0.000000

0.250000

0.000000

0.500000

0.000000

0.750000

0.000000

1.000000

0.000000

ELEM

1.300000

LOAD AFTER

REL_DIST

T

0.000000

4.55E-13

4.55E-13

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4.55E-13

1978-2001

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7 DEC 2015 03:19:20

PROGRAM SAP2000 NONLINEAR VERSION 7.42

FILE:2교부산방형S1-S403.OUT

< MOVING

DISPLACEMENT DEGREES OF FREEDOM

(A) = Active DOF, equilibrium equation

(-) = Restrained DOF, reaction computed

(+) = Constrained DOF

(*) = External substructure DOF

() = Null DOF

JOINTS

137 TO 144

137 TO 144

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				116 -0.000261 -1.01E-05 -0.004234				0.000172 0.000469 6.39E-06				100 0.000578 5.20E-05 0.003866				
R1	R2	R3		-0.000315	-0.000112	-3.33E-05		39	0.000781	6.68E-05	0.005571	0.000129	0.000519	6.58E-05		
49	-0.000232	-1.09E-05	-0.003958	-0.000389	-0.000255	-1.02E-05	-0.005314	0.000168	0.000284	9.28E-06		101	0.000591	4.46E-05	0.002171	
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51	-0.000217	-1.10E-05	-0.005064	-0.000421	-0.000110	-1.50E-05		42	0.000740	4.83E-05	0.003521	0.000100	0.000881	3.44E-05		
-0.000341	-5.25E-05	-8.07E-07		120	-0.000273	-7.25E-06	-0.005375	0.000151	0.000205	1.43E-05		104	0.000651	4.21E-05	0.003846	
52	-0.000213	-1.07E-05	-0.004975	-0.000179	-0.000197	-1.39E-05		43	0.000718	4.00E-05	0.002421	0.000100	0.000674	3.06E-05		
-0.000333	-6.16E-05	-9.92E-07		121	-0.000285	-5.57E-06	-0.004291	0.000146	0.000235	1.44E-05		105	0.000684	4.36E-05	0.004957	
53	-0.000213	-1.00E-05	-0.004470	-0.000300	-0.000269	-1.36E-05		44	0.000694	3.40E-05	0.001183	0.000115	0.000861	3.00E-05		
-0.000300	-0.000136	-1.05E-06		122	-0.000297	-3.73E-06	-0.002884	0.000151	0.000257	1.34E-05		106	0.000696	4.54E-05	0.005437	
54	-0.000218	-9.10E-06	-0.003573	-0.000190	-0.000302	-1.41E-05		45	0.000671	4.61E-05	3.03E-08	9.81E-05	0.000728	3.39E-05		
-0.000243	-0.000202	-8.28E-07		123	-0.000309	-1.93E-06	-0.001392	0.000166	0.000265	1.17E-05		107	0.000714	4.63E-05	0.005348	
55	-0.000229	-7.80E-06	-0.002416	-7.09E-05	-0.000295	-1.70E-05		46	0.000545	6.07E-05	2.13E-08	6.93E-05	0.000565	4.30E-05		
-0.000167	-0.000239	-3.49E-07		124	-0.000319	-6.40E-06	-3.71E-06	5.81E-06	0.000692	1.51E-05		108	0.000726	4.56E-05	0.004830	
56	-0.000246	-6.20E-06	-0.001173	-5.25E-06	-0.000259	-2.02E-05		47	0.000536	8.84E-05	0.001133	6.85E-05	0.000467	6.04E-05		
-9.11E-05	-0.000241	-1.22E-06		125	-0.000328	-1.06E-05	-0.001437	5.89E-06	0.000664	1.68E-05		109	0.000729	4.42E-05	0.004702	
57	-0.000268	-4.40E-06	-2.26E-08	-9.03E-05	-0.000204	-2.20E-05		48	0.000527	0.000116	0.002318	8.31E-05	0.000460	7.60E-05		
-2.92E-05	-0.000218	-2.10E-06		126	-0.000335	-1.38E-05	-0.003040	1.45E-05	0.000566	1.75E-05		110	0.000720	4.21E-05	0.004362	
58	-0.000292	-2.87E-06	-0.001130	-0.000215	-0.000140	-2.06E-05		49	0.000545	6.07E-05	Version 7.42	9.78E-05	0.000464	8.69E-05		
-7.27E-05	-0.000185	-2.20E-06		127	-0.000339	-1.61E-05	-0.004578	File:2교부산방형S1-S403.OUT				111	0.000697	3.92E-05	0.003479	
59	-0.000319	-2.76E-06	-0.002281	-0.000327	-7.51E-05	-2.27E-05		Page				0.000107	0.000498	9.08E-05		
-0.000140	-0.000142	-0.00026E-06		128	-0.000340	-1.75E-05	-0.005792	MOVING				112	0.000659	3.50E-05	0.001990	
60	-0.000344	-4.15E-06	-0.003337	-0.000409	-1.82E-05	-2.46E-05		LOAD				9.27E-05	0.000618	8.62E-05		
-0.000209	-9.04E-05	-1.92E-06		129	-0.000340	-1.82E-05	-0.006497	10				113	0.000606	3.41E-05	2.90E-07	
61	-0.000364	-7.44E-06	-0.004132	-0.000455	-2.92E-05	-2.61E-05		JOINT DISPLACEMENTS				3.20E-05	0.000766	7.48E-05		
-0.000266	-7.88E-05	-1.79E-06		130	-0.000339	-1.84E-05	-0.006651	TRANSLATIONS AND ROTATIONS, IN LOCAL				114	0.000539	3.77E-05	0.001990	
62	-0.000375	-6.52E-06	-0.004535	-0.000471	-0.000101	-2.73E-05		COORDINATES				9.28E-05	0.000879	6.17E-05		
-0.000297	-5.68E-05	-1.70E-06		131	-0.000336	-1.81E-05	-0.006227	JOINT U1 U2 U3				115	0.000466	4.21E-05	0.003479	
63	-0.000376	-7.33E-06	-0.004507	-0.000452	-0.000189	-2.83E-05		49	0.000519	0.000138	0.003367	8.31E-05	0.000720	4.24E-05		
-0.000300	-6.51E-05	-1.61E-06	-0.004061	-0.000393	-0.000333	-1.74E-05	-0.005241	2.39E-05	0.000434	1.73E-05		118	0.000353	3.87E-05	0.004829	
-0.000275	-0.000133	-1.48E-06		132	-0.000338	-1.74E-05		50	0.000512	0.000150	0.004240	6.85E-05	0.000563	4.21E-05		
65	-0.000366	-7.73E-06	-0.004061	-0.000393	-0.000276	-2.91E-05	-0.003772	3.33E-05	0.000286	1.64E-05		119	0.000370	3.49E-05	0.005347	
66	-0.000321	-6.96E-06		133	-0.000339	-1.63E-05	-0.003772	4.28E-05	0.000137	1.51E-05		120	0.000402	3.77E-05	0.005436	
-0.000155	-0.000292	-1.11E-06		-0.000120	-0.000408	-2.94E-05		52	0.000504	0.000150	0.005235	9.82E-05	0.000441	4.68E-05	0.004956	
67	-0.000292	-8.94E-06	-0.001086	-1.43E-05	-0.000426	-3.50E-05		53	0.000504	0.000138	0.005226	0.000115	0.000440	4.96E-05		
-8.33E-05	-0.000224	-1.00E-06		136	-0.000574	-2.09E-05	-0.000000	54	0.000508	0.000118	0.004728	0.000120	0.000500	5.15E-05		
68	-0.000264	-4.08E-06	-1.47E-08	-2.65E-05	-0.000305	-1.59E-06	-0.000000	57	0.000512	7.08E-06		123	0.000555	4.17E-05	0.002157	
-2.15E-05	-0.000203	-1.93E-06		137	-0.000710	-1.30E-05	-0.000000	55	0.000516	9.25E-05	0.003671	0.000100	0.000646	4.95E-05		
69	-0.000241	-6.54E-06	-0.001086	-2.65E-05	-0.000305	-1.59E-06	-0.000000	4.99E-05	0.000287	3.85E-06		124	0.000607	4.14E-05	2.59E-07	
-8.31E-05	-0.000167	-2.02E-06	-0.002220	138	-0.000000	-0.000000	-0.000000	56	0.000528	6.49E-05	0.002053	6.11E-05	0.000788	4.63E-05		
70	-0.000222	-8.59E-06		-2.72E-05	-0.000292	-1.45E-05	-0.000000	2.30E-05	0.000370	4.11E-06		125	0.000652	4.28E-05	0.002170	
-0.000155	-0.000119	-1.86E-06		139	-0.000510	-1.31E-05	-0.000000	57	0.000545	4.51E-05	3.67E-08	0.000119	0.000905	4.19E-05		
71	-0.000211	-9.82E-06	-0.003260	-6.39E-05	-0.000546	-1.60E-06	-0.000000	1.64E-06	0.000444	6.55E-06		126	0.000687	4.65E-05	0.003865	
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72	-0.000206	-1.02E-05	-0.004061	-2.16E-05	-0.000203	-1.93E-06		1.08E-05	0.000486	9.48E-06		127	0.000709	5.25E-05	0.004930	
-0.000275	-0.000133	-1.48E-06		144	-0.000378	-0.000100	-0.000000	59	0.000587	7.63E-05	0.003658	0.000118	0.000885	3.90E-05		
73	-0.000207	-1.56E-06	-0.004506	-2.16E-05	-0.000203	-1.93E-06		3.84E-05	0.000484	1.18E-05		128	0.000719	5.52E-05	0.005405	
-0.000300	-6.56E-05	-1.50E-06		-2.81E-05	-0.000220	-1.70E-06		60	0.000609	9.80E-05	0.004755	0.000103	0.000782	4.12E-05		
74	-0.000212	-8.96E-06	-0.004534	-2.81E-05	-0.000220	-1.70E-06		3.4E-05	0.000423	1.32E-05		129	0.000719	5.52E-05	0.005385	
-0.000297	-6.56E-05	-1.45E-06		145	-0.000216	-2.43E-05	-0.000000	61	0.000630	0.000114	0.005256	8.99E-05	0.000575	4.48E-05		
75	-0.000221	-7.54E-06	-0.004131	-1.34E-05	-0.000323	-2.31E-06		5.67E-05	0.000298	1.39E-05		130	0.000710	5.52E-05	0.005003	
-0.000266	-1.36E-06	-1.93E-06		Program	SAP2000	Nonlinear	Version 7.42	62	0.000647	0.000123	0.005200	7.91E-05	0.000465	4.93E-05		
76	-0.000232	-3.78E-06	-0.003337	File:2교부산방형S1-S403.OUT	< MOVING Page 9 LOAD >				5.24E-05	0.000153	1.35E-05	0.004716	6.75E-05	0.000451	5.43E-05	0.004334
-0.000209	-9.04E-05	-1.92E-06		JOINT DISPLACEMENTS				4.66E-05	0.000130	1.22E-05		132	0.000677	4.15E-05	0.003436	
77	-0.000243	-3.84E-06	-0.002281	TRANSLATIONS AND ROTATIONS, IN LOCAL				64	0.000659	0.000117</						

9.33E-05	-0.000633	-5.07E-06	91	-0.000606	-0.000208	-0.000466	0.000426	7	0.000225	1.15E-05	75	0.000533	0.000101	0.007339	
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2.36E-05	-0.000520	-4.45E-06	-5.06E-07	92	-0.000583	-0.000188	-0.003786	0.000418	6.48E-05	1.26E-05	76	0.000591	8.48E-05	0.006688	
24	-0.000618	-0.000142	-0.002927	-0.000180	-0.000628	-7.39E-05		8	0.000788	5.01E-05	0.0007350	0.000164	7.05E-06		
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26	-0.000556	-0.000132	-0.009231	-0.000489	-0.000462	-5.96E-05		10	0.000804	4.72E-05	0.005333	5.43E-05	0.000515	5.61E-06	
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27	-0.000548	-0.000135	-0.011600	-0.000557	-0.000451	-5.48E-05		11	0.000821	3.81E-05	0.003058	1.27E-05	0.000652	7.39E-06	
-0.000309	-0.000193	-5.31E-06		96	-0.000510	-0.000101	-0.013098	0.000197	0.000534	7.70E-06	80	0.000859	5.91E-05	0.002962	
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31	-0.000605	-0.000133	-0.009307	File:2교부산행랑S1-S403.OUT										0.007279	
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33	-0.000651	-0.000140	-0.002984												
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34	-0.000671	-0.000141	-5.09E-07												
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37	-0.000709	-0.000143	-0.009905												
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38	-0.000712	-0.000154	-0.012578												
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39	-0.000711	-0.000159	-0.014137												
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40	-0.000708	-0.000154	-0.014506												
0.000381	-5.21E-06	-0.000129													
41	-0.000703	-0.000169	-0.013617												
-0.000357	-0.000390	-6.62E-06													
42	-0.000696	-0.000173	-0.011499												
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43	-0.000688	-0.000168	-0.008311												
0.000323	-7.75E-06	-0.000179													
44	-0.000679	-0.000179	-0.004195												
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45	-0.000670	-0.000190	-4.37E-07												
-1.49E-05	-0.000949	-8.55E-06													
46	-0.000545	-0.000188	-1.01E-07												
0.000195	-0.000252	-3.98E-06													
47	-0.000522	-0.000169	-0.003053												
-0.000278	-0.000245	-4.02E-06													
48	-0.000498	-0.000149	-0.006087												
-0.000372	-0.000224	-4.03E-06													
Program	SAP2000	Nonlinear	Version 7.42												
File:2교부산행랑S1-S403.OUT															
<	MOVING	Page	LOAD	>											
JOINT DISPLACEMENTS															
TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES															
JOINT	R2	U1		U2	U3										
49	-0.000477	-0.000129		-0.008472											
-0.000446	-0.000193	-3.96E-06		-0.010083											
50	-0.000460	-0.000114		-0.010083											
-0.000494	-0.000153	-3.82E-06		-0.010796											
-0.000515	-0.000102	-3.61E-06		-0.010796											
52	-0.000440	-0.000116		-0.010580											
-0.000509	-0.000159	-3.28E-06		-0.009472											
53	-0.000440	-0.000128		-0.009472											
0.000474	-0.000311	-2.67E-06		-0.007535											
-0.000407	-0.000444	-1.70E-06		-0.007535											
55	-0.000470	-0.000142		-0.005057											
0.000314	-0.000512	-1.15E-06		-0.002430											
56	-0.000503	-0.000143		-0.002430											
-0.000217	-0.000506	-2.38E-06		-1.42E-07											
-0.000132	-0.000445	-3.80E-06		-0.002343											
58	-0.000595	-0.000136		-0.002343											
-0.000189	-0.000364	-4.24E-06		-0.007756											
59	-0.000650	-0.000129		-0.004778											
-0.000273	-0.000273	-4.34E-06		-0.007036											
-0.000359	-0.000175	-4.31E-06		-0.007036											
61	-0.000748	-0.000107		-0.008756											
-0.000429	-0.000153	-4.19E-06		-0.009636											
62	-0.000774	-9.92E-05		-0.009636											
-0.000468	-0.000112	-3.25E-06		-0.009586											
-0.000473	-0.000154	-3.61E-06		-0.009586											
64	-0.000758	-0.000115		-0.008629											
-0.000445	-0.000294	-3.04E-06		-0.006907											
65	-0.000717	-0.000127		-0.006907											
-0.000385	-0.000409	-2.22E-06		-0.004676											
-0.000299	-0.000439	-1.86E-06		-0.002266											
67	-0.000600	-0.000140		-0.002266											
-0.000207	-0.000474	-2.04E-06		-1.29E-07											
68	-0.000542	-0.000141		-1.29E-07											
-0.000125	-0.000417	-3.44E-06		-0.002265											
-0.000206	-0.000330	-3.86E-06		-0.002265											
70	-0.000458	-0.000135		-0.004675											
-0.000299	-0.000229	-3.91E-06		-0.006906											
71	-0.000436	-0.000126		-0.006906											
-0.000385	-0.000205	-3.84E-06		-0.008627											
-0.000445	-0.000179	-3.74E-06		-0.008627											
73	-0.000429	-3.79E-05		-0.009585											
-0.000473	-0.000130	-3.59E-06		-0.009635											
74	-0.000440	-9.36E-05		-0.009635											
-0.000468	-0.000153	-3.31E-06		-0.008755											
-0.000429	-0.000298	-2.83E-06		-0.007036											
76	-0.000479	-0.000120		-0.007036											
-0.000359	-0.000423	-2.12E-06		-0.004777											
77	-0.000501	-0.000129		-0.004777											
-0.000273	-0.000484	-1.74E-06		-0.002343											
-0.000189	-0.000486	-1.94E-06		-0.002343											
79	-0.000543	-0.000140		-1.42E-07											
-0.000132	-0.000444	-3.04E-06		-0.002429											
80	-0.000560	-0.000142		-0.002429											
-0.000216	-0.000369	-3.45E-06		-0.005055											
-0.000314	-0.000267	-3.53E-06		-0.005055											
82	-0.000581	-0.000134		-0.007533											
-0.000407	-0.000152	-3.49E-06		-0.009469											
83	-0.000585	-0.000124		-0.009469											
-0.000473	-4.50E-05	-3.47E-06		-0.010577											
-0.000509	-0.000111	-3.47E-06		-0.010577											
85	-0.000582	-9.93E-05		-0.010794											
-0.000515	-0.000137	-3.42E-06		-0.010794											
86	-0.000577	-0.000116		-0.010082											
-0.000494	-0.000289	-3.21E-06		-0.008472											
-0.000446	-0.000370	-2.81E-06		-0.008472											
88	-0.000562	-0.000150		-0.006087											
-0.000372	-0.000566	-2.21E-06		-0.003053											
89	-0.000553	-0.000170		-0.003053											
-0.000278	-0.000684	-1.61E-06		-1.01E-07											
-0.000185	-0.000892	-3.46E-06													

[illegible]

0.000218	0.000126	2.21E-05				34	-0.000269	-3.09E-05	-2.35E-08	JOINT DISPLACEMENTS					18	0.000657	4.65E-05	0.004685
112	0.000355	6.12E-06	0.001103	-4.98E-06		35	-0.000217	-3.03E-06		TRANSLATIONS AND ROTATIONS, IN LOCAL					0.000517	0.000131	5.17E-06	
8.93E-05	0.000189	1.78E-05	2.33E-05	-2.01E-05		36	-0.000278	-3.89E-05	-0.001174	COORDINATES					0.000480	0.000659	3.94E-05	0.004509
113	0.000327	6.30E-06				37	-0.000188	-9.18E-07		JOINT					0.000180	4.98E-06		
2.66E-06	0.000251	1.26E-05				38	-0.000284	-4.17E-05	-0.002417	U1 U2 U3					20	0.000649	2.42E-05	0.004148
8.92E-05	0.000291	6.14E-06	0.001103	-4.55E-05	-0.000141	39	-0.000289	-1.73E-06		R1 R2 R3					0.000410	0.000205	4.57E-06	
115	0.000253	5.76E-06	0.001896	-5.91E-05	-8.45E-05	40	-0.000289	-4.02E-05	-0.003575	-9.19E-05 -0.000307 -2.80E-05					0.000314	0.000229	3.99E-06	0.003278
0.000218	0.000362	9.52E-06				41	-0.000291	-3.57E-05	-0.004472	-9.19E-05 -0.000307 -2.80E-05					22	0.000590	7.43E-06	0.001869
116	0.000218	5.73E-06	0.002364	-6.25E-05	-0.000103	42	-0.000291	-3.57E-05		-9.19E-05 -0.000307 -2.80E-05					0.000213	0.000329	3.39E-06	
0.000329	0.000267	1.32E-05				43	-0.000291	-3.57E-05	-0.004977	-9.19E-05 -0.000307 -2.80E-05					23	0.000541	3.21E-06	4.91E-08
117	0.000197	5.75E-06	0.002542	-5.99E-05	-6.87E-06	44	-0.000291	-3.57E-05		-9.19E-05 -0.000307 -2.80E-05					0.000126	0.000416	3.08E-06	
0.000409	0.000200	1.77E-05				45	-0.000289	-2.27E-05	-0.005068	-9.19E-05 -0.000307 -2.80E-05					24	0.000484	9.10E-06	0.001868
118	0.000193	5.53E-06	0.002609	-5.45E-05	-3.58E-05	46	-0.000289	-1.05E-05		-9.19E-05 -0.000307 -2.80E-05					0.000214	0.000474	1.68E-06	
0.000450	0.000117	2.29E-05				47	-0.000286	-1.57E-05	-0.004723	-9.19E-05 -0.000307 -2.80E-05					25	0.000424	1.57E-05	0.003277
119	0.000201	5.87E-06	0.002890	-4.76E-05	-0.000103	48	-0.000286	-1.71E-05		-9.19E-05 -0.000307 -2.80E-05					0.000314	0.000416	3.39E-06	
0.000450	6.32E-05	2.81E-05				49	-0.000283	-8.22E-06	-0.003959	-9.19E-05 -0.000307 -2.80E-05					26	0.000369	1.94E-05	0.004148
120	0.000218	6.09E-06	0.002941	-3.99E-05	-0.000175	50	-0.000283	-1.23E-05		-9.19E-05 -0.000307 -2.80E-05					0.000410	0.000414	3.70E-06	
0.000410	8.52E-05	3.31E-05				51	-0.000278	-2.67E-05	-0.002836	-9.19E-05 -0.000307 -2.80E-05					27	0.000333	3.41E-05	0.004508
121	0.000241	6.15E-06	0.002687	-3.12E-05	-0.000242	52	-0.000278	-1.21E-05		-9.19E-05 -0.000307 -2.80E-05					0.000481	0.000304	4.51E-06	
0.000331	9.65E-05	3.73E-05				53	-0.000273	-5.67E-05	-0.001418	-9.19E-05 -0.000307 -2.80E-05					28	0.000321	4.16E-05	0.004684
122	0.000269	6.21E-06	0.002094	-2.21E-05	-0.000294	54	-0.000273	-1.09E-05		-9.19E-05 -0.000307 -2.80E-05					0.000517	0.000166	5.09E-06	
0.000217	0.000148	3.98E-05				55	-0.000269	-8.74E-05	-6.29E-09	-9.19E-05 -0.000307 -2.80E-05					29	0.000331	4.08E-05	0.005164
123	0.000298	6.40E-06	0.001192	-1.46E-05	-0.000315	56	-0.000269	-9.21E-06		-9.19E-05 -0.000307 -2.80E-05					0.000518	0.000110	5.25E-06	
9.16E-05	0.000206	4.06E-05				57	-0.000382	-0.000100	-2.88E-07	-9.19E-05 -0.000307 -2.80E-05					30	0.000357	3.11E-05	0.005220
124	0.000326	6.57E-06	2.31E-05	-1.73E-05	-0.000148	58	-0.000370	-7.12E-06		-9.19E-05 -0.000307 -2.80E-05					0.000481	0.000152	5.13E-06	
1.24E-05	0.000266	3.95E-05				59	-0.000370	-0.000118	-0.002506	-9.19E-05 -0.000307 -2.80E-05					31	0.000397	1.56E-05	0.004722
125	0.000351	6.74E-06	0.001202	-2.50E-05	-0.000143	60	-0.000370	-8.90E-06		-9.19E-05 -0.000307 -2.80E-05					0.000409	0.000174	4.77E-06	
7.78E-05	0.000318	3.69E-05				61	-0.000358	-0.000134	-0.004954	-9.19E-05 -0.000307 -2.80E-05					32	0.000445	8.58E-06	0.003631
126	0.000369	6.24E-06	0.002105	-3.44E-05	-0.000129	62	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000316	0.000271	4.25E-06	
0.000206	0.000336	3.35E-05				63	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					33	0.000496	4.91E-06	0.002030
127	0.000381	5.94E-06	0.002672	-3.99E-05	-0.000175	64	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000222	0.000364	3.57E-06	
0.000377	0.000307	3.01E-05				65	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					34	0.000545	2.57E-06	3.82E-08
128	0.000386	5.59E-06	0.002923	-3.99E-05	-0.000175	66	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000315	0.000135	3.08E-06	
0.000423	0.000235	2.73E-05				67	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					35	0.000589	6.65E-06	0.002039
129	0.000386	5.17E-06	0.002910	-3.99E-05	-0.000175	68	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000198	0.000515	1.83E-06	
0.000483	0.000149	2.54E-05				69	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					36	0.000624	1.41E-05	0.003643
130	0.000381	4.91E-06	0.002702	-3.99E-05	-0.000175	70	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000303	0.000531	2.03E-06	
0.000511	6.49E-05	2.40E-05				71	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000412	0.000647	2.86E-05	0.004690
131	0.000373	6.64E-06	0.002340	-3.99E-05	-0.000175	72	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000317	0.000647	3.07E-06	
0.000502	8.30E-05	2.29E-05				73	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					37	0.000647	3.07E-06	
132	0.000363	9.55E-06	0.001856	-3.99E-05	-0.000175	74	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					38	0.000658	3.04E-05	0.005182
0.000448	0.000105	2.21E-05				75	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000501	0.000351	4.41E-06	
133	0.000350	1.32E-05	0.001277	-3.99E-05	-0.000175	76	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					39	0.000657	3.60E-05	0.005189
0.000344	0.000122	2.15E-05				77	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000558	0.000204	5.25E-06	
134	0.000337	1.81E-05	0.000624	-4.30E-05	-0.000111	78	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					40	0.000649	3.24E-05	0.004838
0.000173	0.000134	2.76E-05				79	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000584	9.77E-05	5.76E-06	
135	0.000324	2.33E-05	3.72E-05	-5.07E-05	-8.95E-05	80	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					41	0.000634	1.99E-05	0.004199
3.40E-06	0.000140	4.12E-05				81	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000577	0.000149	6.07E-06	
136	0.000220	8.03E-06				82	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					42	0.000615	1.68E-05	0.003333
5.89E-05	0.000320	4.30E-06				83	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000536	0.000189	6.25E-06	
137	0.000395	7.23E-06				84	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000501	0.000591	1.82E-05	0.002293
2.33E-05	0.000218	1.47E-06				85	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000460	0.000565	6.32E-06	
138	0.000000	0.000000				86	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					43	0.000591	1.82E-05	0.002293
2.30E-05	0.000204	1.63E-06				87	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					0.000460	0.000565	6.32E-06	
139	0.000531	7.28E-06				88	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					44	0.000565	6.32E-06	
3.10E-05	0.000221	1.50E-06				89	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					45	0.000565	6.32E-06	
7.51E-05	0.000128	2.23E-06				90	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					46	0.000565	6.32E-06	
140	0.000290	8.04E-06				91	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					47	0.000565	6.32E-06	
0.000149	0.000549	4.66E-07				92	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					48	0.000565	6.32E-06	
142	0.000524	3.83E-05				93	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					49	0.000565	6.32E-06	
0.000112	0.000292	2.72E-06				94	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					50	0.000565	6.32E-06	
143	7.62E-10	2.18E-05				95	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					51	0.000565	6.32E-06	
2.51E-05	0.000300	2.13E-06				96	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					52	0.000565	6.32E-06	
144	0.000055	1.42E-05	93			97	-0.000358	-1.02E-05		-9.19E-05 -0.000307 -2.80E-05					53	0.000565	6.32E-06	

0.000432	0.000165	5.75E-06			2	-0.000517	-0.000235	-0.003020	-0.000161	-0.000244	-1.17E-05		139	-0.000788	-1.96E-05	.000000	
87	0.000753	3.23E-05	0.003648		-3.25E-05	-0.000242	-4.62E-06		71	-0.000568	-0.000223		-1.20E-05	-0.000440	-6.48E-06		
0.000395	0.000206	5.76E-05			3	-0.000494	-0.000180	-0.006025	-0.000173	-0.000224	-1.34E-05		140	-0.000452	2.36E-05	.000000	
88	0.000730	3.7E-05	0.002509		-4.28E-05	-0.000220	-5.21E-06		72	-0.000592	-0.000228		-3.91E-05	-0.000276	-1.87E-05		
0.000324	0.000239	5.67E-06			4	-0.000473	-0.000141	-0.008392	-0.000172	-0.000200	-1.38E-05		141	-0.001026	-0.000323	.000000	
89	0.000705	3.79E-05	0.001227		-5.20E-05	-0.000189	-8.41E-06		73	-0.000563	-0.000224		-0.000165	-0.000265	-1.09E-05		
0.000221	0.000264	5.49E-06			5	-0.000457	-0.000113	-0.009993	-0.000165	-0.000151	-1.30E-05		142	-0.001323	-0.000192	.000000	
90	0.000681	4.36E-05	3.42E-08		-5.98E-05	-0.000149	-1.12E-05		74	-0.000576	-0.000218		-0.000204	-0.000126	-6.56E-06		
0.000119	0.000272	5.29E-06			6	-0.000445	-0.000105	-0.010703	-0.000169	-0.000249	-1.10E-05		143	-9.87E-09	-0.000263	.000000	
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92	0.000606	3.37E-05	0.001169		-7.00E-05	-0.000204	-1.41E-05		76	-0.000618	-0.000216		-6.75E-05	-0.000560	-6.37E-06		
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0.000460	0.000398	3.96E-05			9	-0.000448	-0.000161	-0.007472	-0.000163	-0.000658	-1.67E-06		Program	SAP2000	Nonlinear	Version 7.42	
94	0.000589	3.01E-05	0.003482		-6.46E-05	-0.000473	-1.38E-05		78	-0.000666	-0.000186		File:2교부산범항S1-S403.OUT				
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96	0.000577	2.88E-05	0.005068		-1.24E-05	-0.000515	-8.63E-06		80	-0.000705	-0.000193						
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Program	SAP2000	Nonlinear	Version 7.42		-5.71E-05	-0.000271	-4.43E-06		83	-0.000729	-0.000263						
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					-7.15E-05	-0.000405	-1.44E-05		File:2교부산범항S1-S403.OUT								
					32	-0.000502	-0.000151	-0.004746									
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					37	-0.000583	-0.000167	-0.007470									
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2.00E-05	0.000658	7.17E-06		137	0.001120	2.05E-05	0.000000					121	-0.000731	-0.000216	-0.011363
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78	0.000781	1.59E-05	0.003099	File:2교부산방향S1-S403.OUT								-0.000379	-0.000576	-6.01E-05	
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3.33E-05	0.000696	6.63E-06										132	-0.000756	-0.000285	-0.013887
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88	0.000916	5.39E-05	0.003278									-5.32E-05	-0.001038	-2.03E-05	
0.000291	0.000274	7.43E-06										141	-0.000820	-0.000247	0.000000
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0.000109	0.000356	7.02E-06										143	-1.35E-08	-0.000386	0.000000
91	0.000822	4.63E-05	3.60E-07									-0.000140	-0.000658	-6.49E-06	
0.000153	0.000227	5.05E-06										144	-0.000820	-0.000247	0.000000
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93	0.000798	3.65E-05	0.003200									-0.000164	-0.001175	-2.89E-06	
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94	0.000787	3.67E-05	0.004653									File:2교부산방향S1-S403.OUT			
0.000531	0.000919	5.06E-05													
95	0.000778	3.73E-05	0.005868												
0.000594	0.000788	5.62E-05													
96	0.000771	3.72E-05	0.006773												
0.000606	0.000576	5.95E-05													
97	0.000768	3.57E-05	0.007290												
0.000579	0.000409	6.00E-06													
98	0.000767	3.21E-05	0.007317												

8.64E-05	0.000120	1.16E-05		0.006310	98	0.000416	0.000104	0.004256	-0.000104	-0.000414	-1.19E-06	832	-0.000603	-1.92E-05	-0.005769	
30	0.000421	7.62E-05			8.93E-05	2.70E-05	5.18E-05		14	-0.000764	-4.77E-06	-0.005104	82	-0.000118	-2.16E-06	
8.36E-05	0.000138	1.22E-05		0.005501	Program	SAP2000	Nonlinear	Version	7.42	-0.000192	-1.35E-06		-0.000423	-0.000629	-2.13E-05	
31	0.000467	7.77E-05			File:2교부선방향S1-S403.OUT				15	-0.000321	-1.33E-05	-0.007591	80	-0.000408	-3.62E-05	
7.20E-05	0.000225	1.16E-05		0.004154	<	MOVING	Page	LOAD	>	-0.000284	-0.000225	-2.77E-06	84	-0.000642	-2.24E-05	
32	0.000523	7.83E-05			16	-0.000876	-2.75E-05	-0.009517	16	-0.000138	-3.47E-06	-0.010570	85	-0.000642	-2.24E-05	
4.75E-05	0.000321	9.97E-06		0.002317	41	-0.000906	-3.70E-05		17	-0.000906	-3.70E-05	-0.010570	87	-0.000629	-2.16E-05	
33	0.000584	8.71E-06			JOINT DISPLACEMENTS				-0.000404	-0.000120	-6.33E-06	-0.010643	86	-0.000629	-2.16E-05	
1.04E-05	0.000414	7.61E-06		4.19E-08	TRANSLATIONS AND ROTATIONS, IN LOCAL				-0.000410	-0.000185	-3.49E-06	-0.009729	87	-0.000603	-1.92E-05	
3.30E-06	0.000514	4.74E-06			COORDINATES				19	-0.000891	-3.40E-05	-0.009729	88	-0.000569	-1.81E-05	
35	0.000687	9.54E-05		0.001965	JOINT R1 U1 R2 U2 R3 U3				20	-0.000846	-2.11E-05	-0.007932	88	-0.000569	-1.81E-05	
2.76E-05	0.000591	2.25E-06			99	0.000421	0.000103	0.003893	-0.000312	-0.000436	-2.88E-06	-0.005469	89	-0.000525	-1.56E-05	
36	0.000720	8.77E-05		0.003362	104	0.000510	0.000101	0.001759	-0.000378	-0.000285	-3.17E-06	-0.007932	90	-0.000481	-1.33E-05	
5.57E-05	0.000196	1.53E-06			0.000111	0.000112	5.38E-05		22	-0.000713	-9.31E-06	-0.002684	91	-0.000562	-1.88E-05	
37	0.000740	8.22E-05		0.004185	100	0.000459	0.000101	0.003071	-0.000122	-0.000560	-2.56E-06	-0.007932	91	-0.000562	-1.88E-05	
6.61E-05	0.000483	4.30E-06		0.004515	1000127	0.000208	5.12E-05	0.001759	23	-0.000645	-8.41E-06	-7.12E-07	92	-0.000525	-1.56E-05	
6.41E-05	0.000317	7.26E-06			101	0.000510	0.000101	0.001759	23	-0.000645	-8.41E-06	-7.12E-07	92	-0.000525	-1.56E-05	
39	0.000747	7.99E-05		0.004451	102	0.000562	0.000101	0.001759	23	-0.000645	-8.41E-06	-7.12E-07	92	-0.000525	-1.56E-05	
5.68E-05	0.000196	9.84E-06		0.004107	6.78E-05	0.000384	3.47E-05	0.001759	25	-0.000542	-1.37E-05	-0.005469	93	-0.000525	-1.56E-05	
40	0.000739	7.01E-05			103	0.000608	0.000100	0.002096	-0.000220	-0.000300	-2.31E-05	-0.007930	94	-0.000526	-1.69E-05	
4.76E-05	0.000125	1.19E-05		0.003543	9.74E-05	0.000435	2.72E-05	0.003824	26	-0.000510	-2.31E-05	-0.007930	94	-0.000526	-1.69E-05	
41	0.000725	6.31E-05			0.000122	0.000439	2.82E-05	0.001926	-0.000312	-0.000205	-2.40E-06	-0.009728	94	-0.000526	-1.69E-05	
3.75E-05	0.000134	1.33E-05		0.002803	105	0.000681	0.000101	0.005138	-0.000378	-0.000152	-2.92E-06	-0.010642	96	-0.000522	-1.98E-05	
42	0.000708	5.53E-05			102	0.000384	2.05E-05	0.005952	28	-0.000479	-4.93E-05	-0.010642	96	-0.000522	-1.98E-05	
2.72E-05	0.000164	1.40E-05		0.001926	106	0.000704	0.000101	0.005952	-0.000410	-0.000151	-3.10E-05	-0.010569	97	-0.000511	-1.93E-05	
43	0.000687	9.74E-05			0.000111	0.000269	2.62E-05	0.006259	-0.000480	-0.000480	-5.06E-05	-0.010569	97	-0.000511	-1.93E-05	
1.67E-05	0.000188	1.38E-05		0.000941	0.000104	0.000716	0.000100	0.006259	-0.000404	-0.000218	-3.03E-06	-0.009517	97	-0.000511	-1.93E-05	
44	0.000664	5.36E-05			108	0.000717	9.78E-05	0.006113	-0.000361	-0.000325	-2.87E-06	-0.009517	97	-0.000511	-1.93E-05	
8.29E-06	0.000205	1.24E-05		2.61E-08	0.000100	0.000129	5.01E-05	0.005695	31	-0.000515	-2.62E-05	-0.007591	97	-0.000511	-1.93E-05	
45	0.000642	8.55E-05			109	0.000707	9.56E-05	0.005695	-0.000284	-0.000465	-6.54E-06	-0.005104	97	-0.000511	-1.93E-05	
6.60E-06	0.000481	1.03E-05		1.99E-08	0.000107	0.000687	9.32E-05	0.004893	32	-0.000531	-2.68E-06	-0.005104	97	-0.000511	-1.93E-05	
7.82E-06	0.000485	9.12E-06			0.000117	0.000687	9.32E-05	0.004893	-0.000191	-0.000531	-2.68E-06	-0.005104	97	-0.000511	-1.93E-05	
47	0.000440	0.000126		0.000871	111	0.000655	9.15E-05	0.003660	-0.000104	-0.000524	-2.66E-06	-0.005104	97	-0.000511	-1.93E-05	
8.60E-06	0.000470	1.12E-05		0.001783	0.000122	0.000288	7.38E-05	0.003660	34	-0.000641	-1.23E-05	-7.56E-07	97	-0.000511	-1.93E-05	
1.58E-05	0.000408	1.27E-05			112	0.000613	9.03E-05	0.002011	-7.15E-05	-0.000450	-2.63E-06	-0.002815	97	-0.000511	-1.93E-05	
Program	SAP2000	Nonlinear	Version	7.42	0.000103	0.000384	7.21E-05	0.002011	35	-0.000699	-1.86E-05	-0.002815	97	-0.000511	-1.93E-05	
File:2교부선방향S1-S403.OUT					6.17E-05	0.000562	9.20E-05	3.68E-05	-0.000148	-0.000336	-1.72E-06	-0.005832	97	-0.000511	-1.93E-05	
<	MOVING	Page	LOAD	>	114	0.000504	9.48E-05	0.002011	-0.000255	-0.000219	-9.72E-07	-0.008591	97	-0.000511	-1.93E-05	
JOINT DISPLACEMENTS					0.000103	0.000467	5.90E-05	0.003659	37	-0.000812	-3.67E-05	-0.008591	97	-0.000511	-1.93E-05	
TRANSLATIONS AND ROTATIONS, IN LOCAL					0.000122	0.000440	5.27E-05	0.004892	-0.000358	-0.000109	-2.00E-06	-0.010670	99	-0.000475	-1.72E-05	
COORDINATES					116	0.000394	9.90E-05	0.004892	-0.000433	-0.000850	-5.95E-05	-0.010670	99	-0.000475	-1.72E-05	
JOINT R1 U1 R2 U2 R3 U3					0.000117	0.000358	9.81E-05	0.005694	-0.000433	-0.000850	-5.95E-05	-0.010670	99	-0.000475	-1.72E-05	
49	0.000369	0.000180		0.002589	0.000107	0.000228	4.01E-05	0.006112	-0.000476	-0.000146	-2.56E-06	-0.012012	100	-0.000495	-3.18E-05	
2.62E-05	0.000317	1.32E-05			118	0.000344	9.64E-05	0.006112	-0.000476	-0.000146	-2.56E-06	-0.012012	100	-0.000495	-3.18E-05	
50	0.000355	0.000192		0.003258	0.000100	0.000138	3.39E-05	0.006259	-0.000445	-0.000855	-7.99E-05	-0.011232	102	-0.000561	-3.97E-06	
3.68E-05	0.000209	1.27E-05		0.003747	119	0.000349	9.40E-05	0.006259	-0.000445	-0.000855	-7.99E-05	-0.011232	102	-0.000561	-3.97E-06	
51	0.000347	0.000195			0.000104	9.92E-05	2.82E-05	0.005952	-0.000433	-0.000855	-7.99E-05	-0.011232	102	-0.000561	-3.97E-06	
4.74E-05	8.85E-05	1.15E-05		0.004008	120	0.000372	9.22E-05	0.005952	-0.000379	-0.000464	-2.42E-06	-0.009505	104	-0.000664	-5.18E-06	
52	0.000344	0.000189			0.000113	0.000372	2.88E-05	0.005137	43	-0.000772	-3.85E-05	-0.006910	104	-0.000664	-5.18E-06	
5.76E-05	1.34E-05	9.58E-06		0.003987	121	0.000411	9.22E-05	0.005137	-0.000279	-0.000623	-2.33E-06	-0.003514	105	-0.000715	-6.70E-06	
53	0.000346	0.000175		0.003987	0.000122	0.000221	3.30E-05	0.003824	44	-0.000707	-2.58E-05	-0.003514	105	-0.000715	-6.70E-06	
6.62E-05	0.000278	3.61E-06		0.003587	125	0.000349	9.40E-05	0.003824	-0.000151	-0.000756	-2.20E-06	-0.009505	105	-0.000715	-6.70E-06	
54	0.000363	0.000155			0.000122	0.000309	3.46E-05	0.002096	-0.000151	-0.000756	-2.20E-06	-0.009505	105	-0.000715	-6.70E-06	
7.00E-05	0.000118	4.02E-06		0.002762	123	0.000512	9.40E-05	0.002096	-3.89E-05	-0.000802	-2.05E-06	-0.009505	105	-0.000715	-6.70E-06	
55	0.000398	0.000133			9.74E-05	0.000383	3.37E-05	0.002096	46	-0.000485	-1.32E-05	-9.00E-09	107	-0.000780	-9.82E-06	
6.16E-05	0.000205	1.34E-06		0.001528	124	0.000561	0.000100	0.002096	46	-0.000485	-1.32E-05	-9.00E-09	107	-0.000780	-9.82E-06	
3.47E-05	0.000438	0.000114		2.62E-08	6.77E-05	0.000451	3.14E-05	0.001758	47	-0.000463	-1.48E-07	-0.002146	108	-0.000784	-1.10E-05	
56	0.000438	0.000114			125	0.000604	0.000105	0.001758	-0.000156	-0.000407	-6.41E-07	-0.002146	108	-0.000784	-1.10E-05	
4.56E-06	0.000325	4.71E-06		0.001852	0.000117	0.000495	9.29E-05	0.003070	48	-0.000441	-1.50E-05	-0.004298	108	-0.000784	-1.10E-05	
58	0.000522	0.000110			126	0.000635	0.000106	0.003070	-0.000276	-0.000173	-7.04E-07	-0.004298	108	-0.000784	-1.10E-05	
2.15E-05	0.000349	7.31E-06		0.003475	0.000127	0.000477	2.85E-05	0.003892	Program	SAP2000	Nonlinear	Version	7.42	110	-0.000729	-1.17E-05
59	0.000559	0.000127			127	0.000656	0.000106	0.003892	File:2교부선방향S1-S403.OUT				111	-0.000729	-1.17E-05	
5.61E-05	0.000345	9.49E-06		0.004759	0.000111	0.000388	2.99E-05	0.004255	<	MOVING	Page	LOAD	>	112	-0.000729	-1.17E-05
60	0.000591	0.000146			9.83E-05	0.000446	3.33E-05	0.004255	43	-0.000524	-2.66E-06	-0.005104	112	-0.000729	-1.17E-05	
7.72E-05	0.000300	1.09E-05		0.005583	129	0.000664	9.82E-05	0.004255	43	-0.000524	-2.66E-06	-0.005104	112	-0.000729	-1.17E-05	
61	0.000613	0.000160			6.99E-05	0.000138	3.94E-05	0.004255	43	-0.000524	-2.66E-06	-0.005104	112	-0.000729	-1.17E-05	
8.64E-05	0.000208	1.14E-05		0.005910	130	0.000657	9.25E-05	0.004255	43	-0.000524	-2.66E-06	-0.005104	112	-0.000729	-1.17E-05	
62	0.000625	0.000168			5.41E-05	9.85E-05	4.83E-05	0.003402	43	-0.000524	-2.66E-06	-0.005104	112	-0.000729	-1.17E-05	
8.80E-05	0.000127	1.07E-05		0.005781	131	0.000644	9.70E-05	0.003402	43	-0.000524</						

TRANSLATIONS AND ROTATIONS, IN LOCAL				66	0.001136	0.000113	0.006564	6.34E-05	0.000804	0.000134		0.000559	-0.000874	-0.000189	-0.015209	
COORDINATES				67	0.001058	6.95E-06	0.003536	135	0.001059	8.53E-05	1.54E-07	-0.000659	-0.000228	-4.55E-06		
COMB DL-G1-2 ----- MAX				68	0.000658	8.77E-05		0.000255	0.000465	0.000175		0.000597	-0.000165	-0.000185	-0.016405	
JOINT	R1	U1	U2	U3	69	0.000967	7.71E-05	1.17E-07	0.000112	0.001398	1.58E-06	.000000	52	-0.000844	-0.000192	-0.016255
					70	0.000744	1.03E-05		137	0.002195	4.02E-05	.000000	-0.000693	-0.000212	-3.96E-06	
0.000177	0.001154	8.40E-05	4.40E-08	2.41E-05	0.000778	1.40E-05	0.003536	0.000134	0.000806	6.49E-06	.000000	53	-0.000821	-0.000199	-0.014784	
0.000177	0.001351	1.58E-06		65	0.000778	1.40E-05	0.003536	138	.000000	.000000	.000000	-0.000649	-0.000406	-3.50E-06		
0.000178	0.001308	1.79E-06	0.001753	6.51E-05	0.000729	1.0E-05	0.006563	0.000155	0.000892	6.84E-06	.000000	54	-0.000809	-0.000202	-0.012010	
3	0.000954	4.96E-05	0.003588	8.74E-05	0.000889	0.000148	0.008882	0.000166	0.000926	7.27E-06	.000000	55	-0.000840	-0.000202	-0.008274	
0.000185	0.001077	4.37E-06		72	0.000630	1.87E-05	0.010414	140	0.001851	2.95E-05	.000000	-0.000440	-0.000790	-1.70E-06		
4	0.000915	5.04E-05	0.005219	9.55E-05	0.000373	1.89E-05		141	0.000632	1.80E-05	.000000	-0.000310	-0.000827	-3.26E-06		
0.000195	0.000796	8.48E-06		73	0.000604	0.000174	0.011232	5.28E-05	0.001042	1.78E-05	.000000	57	-0.000972	-0.000197	-3.28E-07	
5	0.000895	5.39E-05	0.006592	9.61E-05	0.000213	1.82E-05		142	0.001811	1.41E-20	.000000	-0.000217	-5.09E-06			
0.000206	0.000498	1.20E-05		74	0.000611	0.000170	0.011489	0.000120	0.000653	1.03E-05		58	-0.001056	-0.000196	-0.003502	
6	0.000884	5.75E-05	0.007633	9.78E-05	0.000167	1.63E-05		143	2.98E-11	8.54E-07	.000000	-0.000265	-0.000684	-5.67E-06		
0.000215	0.000236	1.45E-05		75	0.000649	0.000156	0.010882	5.63E-06	0.000744	1.03E-05		59	-0.001146	-0.000196	-0.007139	
7	0.000879	6.10E-05	0.008255	9.50E-05	0.000256	1.35E-05		144	0.001766	0.000407	.000000	-0.000372	-0.000567	-5.84E-06		
0.000222	6.75E-05	1.61E-05	0.008347	8.23E-05	0.000715	0.000133	0.009320	-7.72E-21	0.000746	1.01E-05	.000000	60	-0.001229	-0.000196	-0.010522	
0.000227	4.47E-05	1.66E-05		76	0.000412	9.99E-06		145	0.001319	8.83E-05	.000000	-0.000483	-0.000412	-5.84E-06		
0.000228	0.000885	6.44E-05	0.007698	5.52E-05	0.000797	0.000108	0.006855	1.70E-06	0.000374	5.45E-06		61	-0.001296	-0.000194	-0.013142	
0.000228	0.000885	6.44E-05	0.007698	5.52E-05	0.000797	0.000108	0.006855	1.70E-06	0.000374	5.45E-06		61	-0.001296	-0.000194	-0.013142	
0.000210	0.000491	6.73E-05	0.006141	1.29E-05	0.000684	7.64E-06		Program	SAP2000	Nonlinear	Version 7.42	-0.000573	-0.000256	-5.73E-06		
0.000215	0.000408	1.35E-05		78	0.000886	8.62E-05	0.003690	File:2교부산형상S1-S403.OUT				62	-0.001334	-0.000191	-0.014583	
0.000227	0.001050	7.20E-05	0.003558	2.30E-06	0.000971	1.01E-05		<	MOVING	Page	LOAD	>	-0.000622	-0.001677	-5.53E-06	
0.000184	0.000613	1.02E-05		80	0.001046	0.000106	0.003063	48				63	-0.001339	-0.000195	-0.014695	
12	0.001157	7.61E-05	7.33E-08	2.94E-05	0.000827	1.38E-05		JOINT	DISPLACEMENTS			64	-0.001309	-0.000201	-0.013469	
0.000150	0.000802	6.49E-06		81	0.001105	0.000136	0.005468	48				-0.000591	-0.000373	-4.60E-06		
13	0.001251	7.86E-05	0.004213	6.29E-05	0.000790	1.71E-05		TRANSLOCATIONS AND ROTATIONS, IN LOCAL				65	-0.001248	-0.000204	-0.011043	
0.000168	0.000933	3.32E-06		82	0.001144	0.000164	0.007037	COORINATES				-0.000514	-0.000583	-3.69E-06		
14	0.001211	7.64E-05	0.007610	7.49E-05	0.000642	1.94E-05		66	-0.001012	-0.000227	-5.94E-06	-0.000164	-0.000176	-0.002003	-0.007703	
0.000214	0.000930	2.54E-06		83	0.001162	0.000185	0.007774	67	-0.001068	-0.000228	-6.11E-06	-0.001066	-0.000201	-0.003866		
15	0.001394	7.56E-05	0.010136	7.26E-05	0.000406	2.02E-05		COMB DL-G1-2 ----- MIN				-0.000284	-0.000778	-3.38E-06		
0.000245	0.000811	5.65E-06		84	0.001162	0.000196	0.007786	JOINT				68	-0.000967	-0.000201	-3.00E-07	
16	0.001438	7.62E-05	0.011670	6.39E-05	0.000212	2.01E-05		R1	R2	R3	U2	U3	-0.000209	-0.000744	-4.90E-06	
0.000259	0.000564	9.33E-06		85	0.001148	0.000197	0.007260	1	-0.001148	-0.000223	-5.00E-07	69	-0.000858	-0.000203	-0.003865	
17	0.001407	6.50E-05	0.012229	5.30E-05	0.000165	1.89E-05		-2.60E-05	-0.000392	-9.84E-06		-0.000284	-0.000558	-5.20E-06		
0.000261	0.000372	1.24E-05		86	0.001125	0.000188	0.006303	2	-0.001110	-0.000214	-0.006147	70	-0.000801	-0.000206	-0.007702	
18	0.001464	7.24E-05	0.011932	4.12E-05	0.000228	1.68E-05		-0.000147	-0.000382	-7.13E-06		71	-0.000742	-0.000207	-0.011041	
0.000259	0.000269	1.45E-05		87	0.001093	0.000170	0.005006	3	-0.001104	-0.000211	-0.012117	-0.000514	-0.000414	-4.90E-06		
19	0.001446	7.06E-05	0.011158	2.95E-05	0.000287	1.36E-05		-0.000290	-0.000348	-5.94E-06		-0.000514	-0.000414	-4.90E-06		
0.000255	0.000286	1.55E-05		88	0.001055	0.000144	0.003447	4	-0.001012	-0.000227	-6.27E-06	-0.000591	-0.000281	-4.72E-06	-0.013467	
20	0.001407	6.12E-05	0.009644	1.82E-05	0.000334	9.63E-06		-0.000402	-0.000303	-6.11E-06	-0.016709	-0.000591	-0.000281	-4.72E-06	-0.014693	
0.000248	0.000423	1.52E-05		89	0.001011	0.000116	0.001685	5	-0.001128	-0.000223	-0.019788	73	-0.000685	-0.000198	-0.014693	
21	0.001347	6.28E-05	0.007280	9.47E-06	0.000364	5.76E-06		6	-0.001128	-0.000223	-0.019788	-0.000628	-0.000219	-4.72E-06		
0.000224	0.000560	1.34E-05		90	0.000970	9.11E-05	3.26E-08	-0.000475	-0.000247	-6.22E-06		74	-0.000687	-0.000194	-0.014582	
22	0.001264	6.15E-05	0.004043	8.04E-06	0.000375	5.45E-06		7	-0.001122	-0.000225	-0.021197	-0.000622	-0.000263	-4.65E-06		
0.000183	0.000727	1.05E-05		91	0.001058	9.55E-05	2.27E-07	-0.000510	-0.000227	-6.27E-06		-0.000622	-0.000263	-4.65E-06		
23	0.001160	6.12E-05	1.62E-07	0.000254	0.000334	9.63E-06		8	-0.001098	-0.000228	-0.020878	-0.000573	-0.000434	-4.29E-06	-0.013141	
0.000155	0.000892	6.84E-06		92	0.000954	9.02E-05	0.001710	-0.000506	-0.000352	-6.24E-06		76	-0.000753	-0.000197	-0.010521	
24	0.001038	6.70E-05	0.004042	6.33E-05	0.001542	7.95E-05		9	-0.001059	-0.000224	-0.018878	78	-0.000628	-3.42E-06		
0.000183	0.000993	3.52E-06		93	0.000871	9.60E-05	0.003505	-0.000462	-0.000574	-6.50E-06		77	-0.000814	-0.000195	-0.007138	
25	0.000912	7.11E-05	0.007279	6.45E-05	0.001309	7.18E-05		9	-0.001012	-0.000216	-0.015224	-0.000373	-0.000722	-2.54E-06		
0.000224	0.000949	2.67E-06		94	0.000930	0.000101	0.005097	-0.000380	-0.000968	-6.90E-06		-0.000373	-0.000722	-2.54E-06		
26	0.000804	7.75E-05	0.009643	7.40E-05	0.001068	6.80E-06		-0.000380	-0.001008	-0.000208	-0.010364	-0.000266	-0.000868	-3.04E-06	-0.003502	
0.000248	0.000771	5.90E-06		95	0.000808	0.000104	0.006428	-0.000267	-0.001041	-7.32E-06		79	-0.000970	-0.000197	-3.28E-07	
27	0.000732	8.11E-05	0.011156	8.37E-05	0.000815	6.83E-05		11	-0.001069	-0.000205	-0.005027	-0.000217	-0.000664	-4.20E-06		
0.000257	0.000504	9.52E-06		96	0.000796	0.000104	0.007420	-0.001049	-0.001056	-7.54E-06		80	-0.001059	-0.000202	-0.004094	
28	0.000703	8.10E-05	0.011931	9.38E-05	0.000589	7.29E-05		12	-0.001155	-0.000202	-0.017E-06	-0.000310	-0.000551	-4.32E-06		
0.000251	0.000323	1.27E-05		97	0.001029	0.000102	0.007986	-5.86E-05	-0.001155	-0.000202		81	-0.001145	-0.000207	-0.008272	
29	0.000714	8.09E-05	0.012228	0.000106	0.000403	8.01E-05		13	-0.001260	-0.000201	-0.004374	-0.000439	-0.000397	-4.07E-06		
0.000262	0.000214	1.49E-05		98	0.000789	9.86E-05	0.008013	-9.47E-05	-0.000761	-6.54E-06		82	-0.001221	-0.000209	-0.012007	
30	0.000762	8.19E-05	0.011669	0.000123	0.000379	8.96E-05		14	-0.001374	-0.000202	-0.009048	-0.000562	-0.000225	-3.72E-06		
0.000259	0.000259	1.59E-05		Program	SAP2000	Nonlinear	Version 7.42	-0.000192	-0.000598	-6.25E-06		83	-0.001275	-0.000207	-0.014780	
31	0.000843	7.99E-05	0.010135	File:2교부산형상S1-S403.OUT				15	-0.001483	-0.000211	-0.013433	-0.000649	-6.66E-05	-3.45E-06		
0.000245	0.000422	1.5E-05		<	MOVING	Page	LOAD	>	-0.000295	-0.000216	-0.013433	-0.000649	-6.66E-05	-3.45E-06		
32	0.000944	7.32E-05	0.007610	16	0.001571	0.000225		16	-0.001571	-0.000225	-0.016830	-0.000693	-3.25E-05	-3.33E-06	-0.016252	
0.000214	0.000598	1.36E-05		17	-0.001623	-0.000233		-0.000379	-0.000259	-9.22E-06	-0.018692	85	-0.001303	-0.000196	-0.016403	
33	0.001053	7.23E-05	0.004213	17	-0.001623	-0.000233		-0.000425	-0.000214	-9.55E-06	-0.018692	-0.000697	-0.000178	-3.31E-06		
0.000168	0.000781	1.08E-05		TRANSLOC												

0.000631	-0.000587	-5.12E-05			0.000451	0.001665	8.12E-05	0.008662	0.000100	0.001296	0.000117	25	-0.001220	-0.000303	-0.012020
119	-0.000772	-0.002029	-0.017146	0.000556	0.000319	1.90E-05			103	0.001546	7.60E-05	0.005145	-0.000231	-0.000739	-8.61E-06
0.000626	-0.000675	-3.67E-05		0.000515	0.001620	7.43E-05	0.006863	0.000206	0.001434	0.000102		26	-0.001139	-0.000310	-0.017344
120	-0.000794	-0.000212	-0.015443	0.000515	0.000396	2.01E-05			104	0.001651	7.95E-05	0.009596	-0.000341	-0.000563	-1.19E-05
-0.000565	-0.000849	-3.46E-05			0.001567	6.82E-05	0.004720	0.000331	0.001440	9.00E-05		27	-0.001087	-0.000318	-0.021224
-0.000451	-0.001060	-0.000213	-0.012341	0.000450	0.000707	2.02E-05			105	0.001335	0.000415	0.012986	-0.000415	-0.000462	-1.41E-05
122	-0.000900	-0.000213	-0.008410	0.000367	0.000501	8.87E-05	0.002306	0.000417	0.001300	7.87E-05		28	-0.001063	-0.000319	-0.023194
-0.000292	-0.001160	-5.52E-05			0.001451	0.000102	5.05E-08		106	0.001793	8.72E-05	0.015091	-0.000449	-0.000335	-1.63E-05
123	-0.000977	-0.000214	-0.004212	0.000291	0.000516	1.68E-05			107	0.001824	8.79E-05	0.015888	-0.000447	-0.000436	-1.74E-05
-0.000119	-0.001149	-6.68E-05			0.001398	0.000117	5.23E-08	0.000483	0.000781	8.55E-05		30	-0.001096	-0.000311	-0.020743
124	-0.001068	-0.000219	-0.000455	6.77E-05	0.001582	1.87E-05			108	0.001827	8.62E-05	0.015518	-0.000404	-0.000681	-1.75E-05
-3.14E-05	-0.001039	-7.45E-05			0.001264	0.000145	0.002322	0.000476	0.001802	0.000100		31	-0.001154	-0.000303	-0.016572
125	-0.001164	-0.000223	-0.004832	0.000127	0.001494	2.05E-05			109	0.001802	8.28E-05	0.014433	-0.000321	-0.000987	-1.72E-05
-0.000169	-0.000866	-8.81E-05			0.001156	0.000173	0.004750	0.000449	0.000695	0.000114		32	-0.001237	-0.000292	-0.011187
126	-0.001262	-0.000227	-0.009637	0.000193	0.001244	2.16E-05			110	0.001749	7.77E-05	0.012362	-0.000212	-0.001136	-1.58E-05
-0.000357	-0.000689	-8.79E-05			Program	SAP2000	Nonlinear	Version	7.42	0.000396	0.000861	0.000127	33	-0.001341	-0.000290
-0.000524	-0.000513	-8.19E-05	-0.013974	0.000193	File:2교부선방향S1-S403.OUT				111	0.001667	7.16E-05	0.009177	-9.90E-05	-0.000273	-0.005433
128	-0.001409	-0.000226	-0.012727	<	MOVING	Page	LOAD	>	0.000314	0.001037	0.000134		34	-0.001459	-0.000296
-0.000646	-0.000379	-7.28E-05							112	0.001558	6.46E-05	0.004925	-5.70E-05	-0.001004	-1.16E-05
129	-0.001441	-0.000220	-0.019077						113	0.001425	6.44E-05	3.63E-07	35	-0.001592	-0.000303
-0.000714	-0.000403	-6.62E-05							114	7.48E-05	0.001417	0.000115	-0.000136	-0.000789	-9.09E-06
130	-0.001442	-0.000215	-0.019331						115	0.001524	7.21E-05	0.004925	-0.000259	-0.000442	-8.15E-06
-0.000734	-0.000569	-6.59E-05							0.000191	0.001122	8.24E-05	0.009176	-0.000377	-0.000291	-

[illegible]

-0.000119	-0.000139	-1.35E-05		130	-0.000774	-0.000103	-0.010143	JOINT DISPLACEMENTS				114	0.000961	1.37E-05	0.003716	
62	-0.000935	-0.000146	-0.010948	-8.20E-05	-7.82E-05	-4.32E-05		TRANSLATIONS AND ROTATIONS, IN LOCAL	COORDINATES	U1	U2	U3	0.000139	0.001226	4.31E-05	
-0.000119	-0.000126	-1.26E-05		131	-0.000758	-0.000107	-0.009439						115	0.000846	2.15E-05	0.006921
63	-0.000940	-0.000144	-0.011025	-7.02E-05	-0.000196	-3.46E-05		JOINT	R1	R2	R3	U3	0.000335	0.001185	4.16E-05	
-0.000115	-0.000198	-1.07E-05		132	-0.000728	-0.000113	-0.007937						116	0.000747	2.66E-05	0.009324
-0.000110	-0.000303	-7.90E-06	-0.010079	-5.76E-05	-0.000342	-3.08E-05		U1	U2	U3	U3	U3	0.000502	0.001032	4.26E-05	
65	-0.000874	-0.000117	-0.008219	-4.35E-05	-0.000484	-3.03E-05							117	0.000678	2.92E-05	0.010887
-9.85E-05	-0.000455	-4.58E-06		134	-0.000626	-0.000131	-0.002878	0.000529	0.000777	6.92E-06	0.005420	0.000625	0.000803	4.73E-05		
66	-0.000910	-0.000144	-0.005669	-2.61E-05	-0.000595	-2.94E-05		50	0.000917	5.40E-05	0.006841	0.000689	0.000638	5.64E-05		
-7.34E-05	-0.000557	-1.77E-06		135	-0.000567	-0.000141	-5.51E-06	0.000584	0.000469	6.68E-06	0.007155	0.000681	0.000661	2.67E-05	0.011988	
67	-0.000737	-8.24E-05	-0.002783	-6.04E-05	-0.000663	-3.50E-05		51	0.000905	4.89E-05	0.007915	0.000692	0.000543	6.73E-05		
-3.15E-05	-0.000578	-2.78E-06		136	-0.000596	-2.18E-05	0.000000	0.000594	0.000211	6.46E-06	0.008553	0.000634	0.000572	8.13E-05	0.011386	
68	-0.000666	-7.62E-05	-7.14E-07	-8.01E-06	-0.000195	-1.13E-06		52	0.000900	4.29E-05	0.008553	0.000634	0.000572	8.13E-05		
-6.26E-06	-0.000512	-5.52E-06		137	-0.000905	-1.65E-05	0.000000	0.000563	5.15E-05	6.18E-06	0.008553	0.000634	0.000572	8.13E-05		
69	-0.000607	-9.15E-05	-0.002783	-3.39E-23	-0.000390	-3.55E-06		53	0.000900	3.66E-05	0.008553	0.000634	0.000572	8.13E-05		
-3.12E-05	-0.000410	-8.70E-06		138	0.000000	0.000000	0.000000	0.000490	5.74E-05	5.83E-06	0.008553	0.000634	0.000572	8.13E-05		
70	-0.000560	-0.000113	-0.005668	-7.91E-06	-0.000371	-3.95E-06		54	0.000907	2.96E-05	0.007962	0.000353	0.000874	9.93E-06	0.007239	
-7.32E-05	-0.000313	-1.14E-05		139	-0.000934	-1.66E-05	0.000000	0.000376	0.000229	5.36E-06	0.007962	0.000353	0.000874	9.93E-06	0.007239	
71	-0.000526	-0.000136	-0.008217	-1.26E-05	-0.000327	-4.14E-06		55	0.000962	1.88E-05	0.006346	0.000164	0.001018	0.000113		
-9.84E-05	-0.000236	-1.31E-05		140	-0.000307	-2.18E-05	0.000000	0.000236	0.000430	6.32E-06	0.006346	0.000164	0.001018	0.000113		
72	-0.000504	-0.000152	-0.010077	-3.26E-05	-0.000481	-1.27E-05		56	0.001075	8.25E-06	0.003673	0.000164	0.001018	0.000113		
-0.000110	-0.000161	-1.34E-05		141	-0.001097	-5.19E-06	0.000000	0.001005	0.000636	8.95E-06	0.003673	0.000164	0.001018	0.000113		
73	-0.000494	-0.000160	-0.011024	-3.99E-05	-0.000217	-9.87E-06		57	0.001185	7.26E-06	0.003673	0.000164	0.001018	0.000113		
-0.000115	-0.000154	-1.24E-05		142	-0.001227	-3.44E-05	0.000000	5.06E-05	0.000825	1.09E-05	0.003673	0.000164	0.001018	0.000113		
74	-0.000495	-0.000157	-0.010947	-0.000121	-0.000517	-6.05E-06		58	0.001282	5.32E-06	0.004358	0.000334	0.001282	8.35E-05		
-0.000119	-0.000214	-1.04E-05		143	-3.89E-05	-1.11E-05	0.000000	0.000145	0.000942	1.10E-05	0.004358	0.000334	0.001282	8.35E-05		
75	-0.000507	-0.000145	-0.009856	-6.28E-06	-0.000512	-5.52E-06		59	0.001365	8.91E-06	0.007874	0.000525	0.001141	6.99E-05		
-0.000119	-0.000317	-7.57E-06		144	-0.001201	-0.000343	0.000000	0.000254	0.000944	1.09E-05	0.007874	0.000525	0.001141	6.99E-05		
76	-0.000531	-0.000123	-0.007861	-3.56E-21	-0.000451	-6.40E-06		60	0.001430	1.32E-05	0.010488	0.000680	0.000895	5.95E-05		
-0.000110	-0.000462	-4.22E-06		145	-0.000465	-6.12E-05	0.000000	0.000463	0.000919	1.09E-05	0.010488	0.000680	0.000895	5.95E-05		
77	-0.000565	-9.74E-05	-0.005288	-2.85E-06	-0.000814	-9.23E-07	7.42	61	0.001476	1.70E-05	0.012077	0.000780	0.000688	5.41E-05		
-8.69E-05	-0.000534	-1.80E-06		Program	SAP2000	Nonlinear	Version 7.42	0.000448	0.000564	1.02E-05	0.012077	0.000780	0.000688	5.41E-05		
-7.47E-05	-0.000532	-3.48E-06		File:2교부선형항S1-S403.OUT				62	0.001499	1.94E-05	0.012656	0.000828	0.000572	5.35E-05		
79	-0.000662	-7.51E-05	-7.59E-07	<	MOVING	Page	LOAD	63	0.001502	2.04E-05	0.012348	0.000816	0.000553	5.83E-05		
-8.30E-06	-0.000462	-6.40E-06		63				0.000487	0.000276	9.80E-06	0.012348	0.000816	0.000553	5.83E-05		
80	-0.000722	-9.50E-05	-0.002929	>				64	0.001484	1.92E-05	0.011539	0.000736	0.000588	7.03E-05		
-1.45E-05	-0.000349	-9.97E-06		JOINT DISPLACEMENTS				0.000444	0.000298	8.19E-06	0.011539	0.000736	0.000588	7.03E-05		
81	-0.000783	-0.000125	-0.006068	COMB DL-G2-2	-----	MAX		65	0.001444	1.62E-05	0.009969	0.000581	0.000649	8.78E-05		
-5.52E-05	-0.000232	-1.34E-05		TRANSLATIONS AND ROTATIONS, IN LOCAL				0.000359	0.000439	7.05E-06	0.009969	0.000581	0.000649	8.78E-05		
82	-0.000838	-0.000158	-0.008940	COORDINATES				66	0.001382	1.21E-05	0.007521	0.000330	0.000808	0.000108		
-7.76E-05	-0.000121	-1.59E-05		JOINT				67	0.001297	8.13E-06	0.004173	0.000124	0.000748	8.13E-06	0.004173	
83	-0.000878	-0.000187	-0.011110	1	0.000965	5.90E-05	3.20E-08	0.000124	0.000748	8.13E-06	0.004173	0.000124	0.000748	8.13E-06	0.004173	
-8.48E-05	-0.000215	-1.70E-05		0.000460	0.000946	3.77E-06	0.001669	68	0.001190	8.36E-06	1.62E-07	0.000241	0.001028	6.89E-06		
84	-0.000899	-0.000208	-0.012309	2	0.000877	4.60E-05	0.001669	69	0.001065	7.46E-05	0.004173	0.000241	0.001028	6.89E-06		
-8.32E-05	-2.80E-05	-1.68E-05		0.000610	0.000946	3.77E-06	0.001669	70	0.000936	2.43E-05	0.007521	0.000241	0.001028	6.89E-06		
85	-0.000901	-0.000220	-0.012522	3	0.000798	3.55E-05	0.003418	0.000243	0.000974	1.01E-05	0.009969	0.000241	0.001028	6.89E-06		
-7.72E-05	-0.000114	-1.56E-05		0.000610	0.000781	1.99E-06		71	0.000824	3.21E-05	0.009969	0.000241	0.001028	6.89E-06		
86	-0.000884	-0.000223	-0.011712	4	0.000753	3.03E-05	0.004968	0.000359	0.000794	9.98E-06	0.011538	0.000241	0.001028	6.89E-06		
-6.88E-05	-0.000252	-1.34E-05		0.000717	0.000570	2.15E-06		72	0.000750	3.71E-05	0.011538	0.000241	0.001028	6.89E-06		
87	-0.000848	-0.000216	-0.009914	5	0.000728	3.03E-05	0.006260	0.000487	0.000336	9.52E-06	0.011538	0.000241	0.001028	6.89E-06		
-5.89E-05	-0.000427	-1.02E-05		0.000778	0.000338	2.22E-06	0.007214	73	0.000721	3.89E-05	0.012346	0.000252	0.001421	7.61E-06		
88	-0.000796	-0.000200	-0.007209	6	0.000715	4.32E-05	0.007214	74	0.000731	3.71E-05	0.012654	0.000226	0.000791	1.05E-05		
-4.77E-05	-0.000602	-6.25E-06		0.000792	0.000124	2.19E-06	0.007740	0.000489	0.000221	9.12E-06	0.012654	0.000226	0.000791	1.05E-05		
89	-0.000728	-0.000177	-0.003666	7	0.000709	4.80E-05	0.007740	75	0.000780	3.17E-05	0.012654	0.000226	0.000791	1.05E-05		
-3.53E-05	-0.000755	-2.17E-05		0.000760	2.26E-05	2.10E-06	0.007740	0.000709	0.000661	8.36E-06	0.012654	0.000226	0.000791	1.05E-05		
90	-0.000657	-0.000155	-3.37E-07	8	0.000711	4.33E-05	0.007733	0.000364	0.000428	7.12E-06	0.007873	0.000226	0.000791	1.05E-05		
-2.46E-05	-0.000820	-9.23E-07		0.000685	7.21E-05	2.11E-06		77	0.000967	1.23E-05	0.007873	0.000226	0.000791	1.05E-05		
91	-0.000569	-0.000141	-5.59E-06	9	0.000733	2.82E-05	0.007003	0.000255	0.000608	6.32E-06	0.007873	0.000226	0.000791	1.05E-05		
-6.05E-05	-0.000208	-6.54E-05		0.000568	0.000230	2.35E-06	0.005443	0.000255	0.001078	6.72E-06	0.004357	0.000226	0.000791	1.05E-05		
92	-0.000547	-0.000135	-0.002879	10	0.000901	1.42E-05		76	0.001078	7.12E-06	0.004357	0.000226	0.000791	1.05E-05		
-2.60E-05	-0.000200	-6.87E-06		0.000422	0.000399	2.66E-06		79	0.001182	4.46E-06	7.25E-08	0.000226	0.000791	1.05E-05		
93	-0.000536	-0.000126	-0.005721	11	0.000886	7.37E-06	0.003049	0.000490	0.000953	8.73E-06	0.003672	0.000226	0.000791	1.05E-05		
-4.34E-05	-0.000182	-5.89E-05		0.000280	0.000549	2.91E-06		80	0.001269	7.31E-06	0.003672	0.000226	0.000791	1.05E-05		
94	-0.000538	-0.000135	-0.007937	12	0.000974	3.54E-06	5.24E-08	0.001005	0.001089	9.15E-06	0.003672					

-5.75E-05	-0.000399	-8.13E-06	-0.011934	JOINT	U1	U2	U3	0.000568	0.000561	1.12E-05	89	0.001531	8.03E-05	0.002373
37	-0.001223	-0.000259	-0.011934	R1	R2	R3		21	0.001623	2.82E-05	0.000268	0.000511	9.69E-06	
-8.33E-05	-0.000229	-1.23E-05		99	-0.000927	-0.000301	-0.014192	0.000455	0.000733	1.01E-05	90	0.001473	8.24E-05	5.81E-08
38	-0.001577	-0.000245	-0.014688	157	-0.001421	-0.000305		22	0.001516	1.01E-05	0.000148	0.000522	1.4E-06	
-9.21E-05	-7.22E-05	-1.69E-05		100	-0.000937	-0.000301	-0.009788	0.000337	0.000914	8.57E-06	91	0.001424	7.79E-05	3.43E-07
39	-0.001304	-0.000228	-0.016149	-0.000163	-0.001283	-7.61E-05		23	0.001388	1.53E-05	0.000184	0.002533	8.46E-05	
-9.26E-05	-2.26E-05	-2.09E-05		101	-0.000999	-0.000300	-0.004911	0.000258	0.001067	6.47E-06	92	0.001283	6.81E-05	0.002312
40	-0.001304	-0.000213	-0.016297	-0.000138	-0.001289	-9.00E-05		24	0.001246	2.47E-05	0.000495	0.001922	8.70E-05	
-8.82E-05	-0.000124	-2.41E-05		102	-0.001082	-0.000303	-0.000468	0.000338	0.001145	3.69E-06	93	0.001175	7.18E-05	0.004740
41	-0.001577	-0.000209	-0.015104	-9.66E-05	-0.001175	-7.00E-05		25	0.001102	1.71E-05	0.000910	0.000522	8.04E-06	
-8.07E-05	-0.000338	-2.63E-05		103	-0.001180	-0.000307	-0.004276	0.000455	0.001084	3.48E-06	94	0.001120	5.74E-05	0.006892
42	-0.001225	-0.000223	-0.012639	-0.000171	-0.001018	-0.000117		26	0.000978	4.86E-05	0.012227	0.000676	0.001260	7.74E-05
-7.10E-05	-0.000570	-2.74E-05		104	-0.001286	-0.000308	-0.008530	0.000568	0.000878	5.79E-06	95	0.001091	5.42E-05	0.008691
43	-0.001150	-0.000255	-0.009063	-0.000202	-0.000874	-0.000123		27	0.000894	6.51E-05	0.014266	0.000755	0.000912	7.77E-05
-5.93E-05	-0.000781	-2.73E-05		105	-0.001385	-0.000307	-0.012511	0.000648	0.000574	8.33E-06	96	0.001075	5.15E-05	0.010031
44	-0.001577	-0.000209	-0.004545	-0.000199	-0.001185	-5.04E-05		28	0.000858	7.29E-05	0.015338	0.000773	8.12E-05	
-4.60E-05	-0.000946	-2.56E-05		106	-0.001465	-0.000303	-0.015652	0.000688	0.000352	1.02E-05	97	0.001067	4.81E-05	0.010794
45	-0.000963	-0.000363	-1.13E-07	-0.000183	-0.000572	-0.000107		29	0.000869	7.24E-05	0.015701	0.000740	0.000405	8.88E-05
-3.38E-05	-0.001010	-2.30E-05		107	-0.001511	-0.000297	-0.017378	0.000690	0.000249	1.14E-05	98	0.001067	4.33E-05	0.010828
46	-0.001171	-0.000395	-5.15E-07	-0.000166	-0.000543	-9.20E-05		30	0.000925	6.25E-05	0.014912	0.000662	0.000409	0.000106
-0.000155	-0.000405	-1.47E-05		108	-0.001521	-0.000297	-0.017498	0.000649	0.000342	1.18E-05	99	0.001067	4.33E-05	0.010828
47	-0.001132	-0.000413	-0.006370	-0.000157	-0.000638	-7.94E-05		31	0.001020	4.47E-05	0.012838	Program	SAP2000	Nonlinear
-0.000162	-0.000392	-1.71E-05		109	-0.001487	-0.000300	-0.016010	0.000564	0.000554	1.14E-05	100	File:2교부산방향S1-S403.OUT	Nonlinear	Version 7.42
48	-0.001128	-0.000430	-0.012556	-0.000160	-0.000803	-6.58E-05		32	0.001140	3.25E-05	0.009516	<	MOVING	Page
-0.000178	-0.000356	-1.87E-05		110	-0.001412	-0.000301	-0.013094	0.000453	0.000773	1.04E-05	0.005178	>	LOAD	
Program	SAP2000	Nonlinear	Version 7.42	-0.000164	-0.001032	-5.60E-05		33	0.001268	2.38E-05	0.005178	71	JOINT DISPLACEMENTS	
File:2교부산방향S1-S403.OUT				-0.000131	-0.001312	-0.000340	-0.009152	0.000342	0.000954	8.75E-06	8.05E-08	COORDINATES		
<	MOVING	Page	LOAD	-0.000162	-0.001185	-0.000301	-0.004669	0.000263	0.001118	6.54E-06	0.004325	TRANSLATIONS AND ROTATIONS, IN	LOCAL	
67	-0.001227	-4.74E-05		112	-0.001197	-0.000301	-0.004669	0.000263	0.001118	6.54E-06	0.004325	COORDINATES		
JOINT DISPLACEMENTS				113	-0.001082	-0.000305	-0.000469	0.000324	0.001231	3.73E-06	0.007620			
TRANSLATIONS AND ROTATIONS, IN	LOCAL			114	-0.000983	-0.000312	-0.004670	0.000450	0.001204	3.48E-06	0.009707			
COORDINATES				-0.000130	-0.000980	-0.000316	-0.009153	0.000577	0.001006	5.07E-06	0.009707			
JOINT	U1	U2	U3	-0.000162	-0.000855	-6.67E-05	-0.013093	0.000675	0.001649	6.27E-05	0.010645			
R1	R2	R3		116	-0.000839	-0.000317	-0.013093	0.000675	0.000677	7.99E-06	0.010645			
49	-0.001144	-0.000438	-0.017310	-0.000164	-0.000722	-6.97E-05		39	0.001647	6.87E-05	0.010609			
-0.000195	-0.000306	-1.88E-05		117	-0.000793	-0.000313	-0.016008	0.000735	0.000407	1.03E-05	0.010609			
50	-0.001154	-0.000435	-0.020493	-0.000160	-0.000780	-6.94E-05	-0.017497	0.000735	0.000407	1.03E-05	0.010609			
-0.000212	-0.000250	-1.76E-05		118	-0.000780	-0.000307	-0.017497	0.000735	0.000407	1.03E-05	0.010609			
51	-0.001148	-0.000421	-0.021945	-0.000165	-0.000788	-6.90E-05		41	0.001594	5.44E-05	0.008540			
-0.000228	-0.000254	-1.54E-05		119	-0.000788	-0.000301	-0.017376	0.000740	0.000310	1.34E-05	0.006772			
52	-0.001124	-0.000408	-0.021604	-0.000166	-0.000788	-6.82E-05		42	0.001549	5.01E-05	0.006772			
-0.000241	-0.000389	-1.22E-05		120	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
53	-0.001084	-0.000387	-0.019526	-0.000163	-0.000788	-6.82E-05		43	0.001549	5.01E-05	0.006772			
-0.000249	-0.000627	-8.32E-06		121	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
54	-0.001035	-0.000360	-0.015739	-0.000203	-0.001154	-9.23E-05		44	0.001437	6.16E-05	0.002275			
-0.000246	-0.000981	-4.20E-06		122	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
55	-0.001030	-0.000330	-0.010711	-0.000203	-0.001154	-9.23E-05		45	0.001437	6.16E-05	0.002275			
-0.000222	-0.001084	-2.94E-06		123	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
56	-0.001094	-0.000303	-0.005195	-0.000203	-0.001154	-9.23E-05		46	0.001437	6.16E-05	0.002275			
-0.000177	-0.001089	-5.61E-06		124	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
57	-0.001183	-0.000292	-1.17E-06	-0.000138	-0.000885	-0.000122		47	0.001331	8.93E-05	0.002373			
-0.000158	-0.000954	-8.95E-06		125	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
58	-0.001291	-0.000304	-0.004507	-0.000138	-0.000885	-0.000122		48	0.001221	0.000103	0.004855			
-0.000212	-0.000777	-1.25E-05		126	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
59	-0.001408	-0.000324	-0.009319	-0.000138	-0.000885	-0.000122		49	0.001221	0.000103	0.004855			
-0.000256	-0.000608	-1.55E-05		127	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
60	-0.001520	-0.000344	-0.013833	-0.000138	-0.000885	-0.000122		50	0.001221	0.000103	0.004855			
-0.000282	-0.000423	-1.73E-05		128	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
61	-0.001611	-0.000360	-0.017332	-0.000138	-0.000885	-0.000122		51	0.001221	0.000103	0.004855			
-0.000292	-0.000261	-1.77E-05		129	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
62	-0.001664	-0.000365	-0.019249	-0.000138	-0.000885	-0.000122		52	0.001221	0.000103	0.004855			
-0.000291	-0.000221	-1.64E-05		130	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
63	-0.001674	-0.000367	-0.019385	-0.000138	-0.000885	-0.000122		53	0.001221	0.000103	0.004855			
-0.000287	-0.000336	-1.71E-05		131	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
64	-0.001636	-0.000360	-0.017729	-0.000138	-0.000885	-0.000122		54	0.001221	0.000103	0.004855			
-0.000284	-0.000523	-1.00E-05		132	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
65	-0.001556	-0.000342	-0.014469	-0.000138	-0.000885	-0.000122		55	0.001221	0.000103	0.004855			
-0.000271	-0.000794	-5.73E-06		133	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
66	-0.001444	-0.000321	-0.010000	-0.000138	-0.000885	-0.000122		56	0.001221	0.000103	0.004855			
-0.000242	-0.000974	-2.54E-06		134	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
67	-0.001315	-0.000301	-0.004930	-0.000138	-0.000885	-0.000122		57	0.001221	0.000103	0.004855			
-0.000194	-0.001017	-4.69E-06		135	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
68	-0.001190	-0.000293	-1.10E-06	-0.000138	-0.000885	-0.000122		58	0.001221	0.000103	0.004855			
-0.000155	-0.000915	-8.15E-06		136	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
69	-0.001083	-0.000312	-0.004930	-0.000138	-0.000885	-0.000122		59	0.001221	0.000103	0.004855			
-0.000194	-0.000974	-2.54E-06		137	-0.000788	-0.000301	-0.017376	0.000685	0.000388	1.42E-05	0.004658			
70	-0.000997	-0.000338	-0.009999	-0.000138										

-0.000206	-0.000388	-1.43E-05		73	-0.001080	-0.000425	-0.023712	-0.000233	-0.000517	-1.56E-05		57	0.000857	4.65E-05	6.27E-08		
5	-0.001293	-0.000284	-0.022447	-0.000551	-0.000341	-1.63E-05		142	-0.002836	-0.000474	.000000	3.65E-05	0.000694	8.60E-06			
-0.000249	-0.000310	-1.73E-05		72	-0.001083	-0.000417	-0.023542	-0.000464	-0.001108	-9.62E-06		58	0.000885	5.36E-05	0.003100		
6	-0.000670	-0.000205	-0.024146	-0.000551	-0.000341	-1.41E-05		141	-0.002836	-0.000474	.000000	0.000112	0.000694	1.13E-05			
-0.000274	-0.000265	-1.94E-05		75	-0.001113	-0.000408	-0.021203	-0.000225	-0.001143	-8.89E-06		59	0.000916	7.63E-05	0.005425		
7	-0.001253	-0.000296	-0.023668	-0.000526	-0.000693	-1.07E-05		144	-0.002618	-0.001164	.000000	0.000196	0.000800	1.32E-05			
-0.000280	-0.000404	-2.05E-05		76	-0.001172	-0.000388	-0.016937	-0.000192	-0.001049	-9.13E-06		60	0.000948	9.80E-05	0.006935		
8	-0.001214	-0.000310	-0.021656	-0.000470	-0.001005	-6.42E-06		145	-0.000991	-0.000546	.000000	0.000279	0.000710	1.43E-05			
-0.000264	-0.000676	-2.08E-05		77	-0.001257	-0.000366	-0.011434	-0.000151	-0.001737	-3.33E-06		61	0.000978	0.000114	0.007570		
9	-0.000319	-0.000319	-0.017543	-0.000389	-0.001488	-0.000428		Program	File:2교부산방향S1-S403.OUT	Nonlinear	Version 7.42	0.000342	1.46E-05	0.000246			
-0.000221	-0.001006	-2.01E-05		78	-0.001362	-0.000350	-0.005553	File:2교부산방향S1-S403.OUT	Nonlinear	Version 7.42	62	0.001003	0.000123	0.007423			
10	-0.001206	-0.000326	-0.012030	-0.000302	-0.001158	-5.62E-06					0.000372	0.000287	1.41E-05				
-0.000151	-0.001204	-1.80E-05		79	-0.001483	-0.000346	-1.17E-06				63	0.001019	0.000124	0.006691			
11	-0.001286	-0.000333	-0.005907	-0.000232	-0.001027	-9.13E-06		<	MOVING	Page	LOAD	>	0.000370	0.000192	1.27E-05		
-6.58E-05	-0.001231	-1.49E-05		80	-0.001618	-0.000369	-0.006429				75		0.001023	0.000117	0.006545		
12	-0.001391	-0.000336	-8.40E-07	-0.000287	-0.000810	-1.29E-05						64	0.000802	1.05E-05			
-2.32E-05	-0.001118	-1.12E-05		81	-0.001753	-0.000402	-0.013175					65	0.001012	0.000101	0.006104		
13	-0.001514	-0.000338	-0.005092	-0.000394	-0.000559	-1.64E-05						0.000377	0.000292	7.71E-06			
-6.72E-05	-0.000954	-8.84E-06		82	-0.001873	-0.000434	-0.019291					66	0.000982	7.98E-05	0.004915		
14	-0.001645	-0.000335	-0.010439	-0.000478	-0.000304	-1.90E-05						0.000187	0.000321	4.74E-06			
-0.000146	-0.000773	-9.77E-06		83	-0.001959	-0.000459	-0.023877					67	0.000929	2.59E-05	0.002872		
15	-0.001769	-0.000330	-0.015429	-0.000505	-0.000287	-8.14E-05						0.000337	0.000488	5.42E-06			
-0.000212	-0.000554	-1.29E-05		84	-0.002003	-0.000472	-0.026372					68	0.000856	4.26E-05	7.94E-08		
16	-0.001869	-0.000328	-0.019294	-0.000545	-5.89E-05	-1.99E-05						2.51E-05	0.000658	7.93E-06			
-0.000258	-0.000342	-1.64E-05		85	-0.002006	-0.000476	-0.026739					69	0.000763	5.82E-05	0.002872		
17	-0.001926	-0.000322	-0.021416	-0.000537	-0.000265	-1.87E-05						0.000317	0.000842	5.81E-05	3.47E-08		
-0.000277	-0.000249	-1.91E-05		86	-0.001967	-0.000485	-0.024919					70	0.000830	5.82E-06			
18	-0.001676	-0.000324	-0.021574	-0.000505	-0.000287	-1.63E-05						0.000389	0.001078	3.27E-06	0.001558		
-0.000276	-0.000352	-2.08E-05		87	-0.001888	-0.000484	-0.020995					3	0.000818	3.58E-05	0.003189		
19	-0.001891	-0.000331	-0.019755	-0.000452	-0.000977	-1.28E-05						0.000460	0.000900	3.15E-06			
-0.000258	-0.000574	-2.16E-05		88	-0.001773	-0.000473	-0.015181					4	0.000808	3.82E-05	0.004637		
20	-0.001800	-0.000333	-0.016168	-0.000379	-0.001332	-8.54E-06						0.000536	0.000699	6.61E-06			
-0.000215	-0.000878	-2.10E-05		89	-0.001626	-0.000456	-0.007678					0.000577	0.000448	9.72E-06			
21	-0.001676	-0.000333	-0.011237	-0.000291	-0.001624	-3.94E-06						6	0.000792	4.60E-05	0.006766		
-0.000146	-0.001084	-1.93E-05		90	-0.001475	-0.000442	-5.03E-07					0.000584	0.000225	1.20E-05			
22	-0.001531	-0.000335	-0.005599	-0.000219	-0.001733	-3.93E-06						7	0.000788	5.12E-05	0.007298		
-6.29E-05	-0.001146	-1.63E-05	-7.82E-07	91	-0.001426	-0.000458	-0.000599					8	0.000788	5.12E-05	0.007298		
23	-0.001388	-0.000336		-9.42E-05	-0.000601	-0.000209						0.000558	6.57E-05	1.32E-05			
-1.18E-05	-0.001067	-1.23E-05		92	-0.001378	-0.000436	-0.007714					9	0.000788	5.12E-05	0.007350		
24	-0.001261	-0.000342	-0.005597	-0.000160	-0.000393	-0.001364						0.000500	5.71E-05	1.35E-05			
-6.35E-05	-0.000914	-8.89E-06		93	-0.001352	-0.000414	-0.014872					10	0.000793	5.05E-05	0.006740		
25	-0.001154	-0.000344	-0.011234	-0.000293	-0.000765	-0.000142						0.000422	0.000202	1.26E-05			
-0.000147	-0.000731	-9.42E-06		94	-0.001357	-0.000393	-0.020466					11	0.000804	4.74E-05	0.005333		
26	-0.001075	-0.000342	-0.016164	-0.000387	-0.000688	-0.000121						0.000326	0.000776	1.07E-05			
-0.000215	-0.000656	-1.27E-05		95	-0.001361	-0.000373	-0.024311					0.000233	0.000534	7.87E-06			
27	-0.001023	-0.000339	-0.019752	-0.000447	-0.000604	-0.000100						12	0.000844	3.97E-05	6.39E-08		
-0.000258	-0.000380	-1.63E-05		96	-0.001351	-0.000355	-0.026117					0.000183	0.000681	4.84E-06			
28	-0.000999	-0.000331	-0.021572	-0.000477	-0.000635	-8.24E-05						13	0.000871	4.79E-05	0.003028		
-0.000276	-0.000316	-1.92E-05		97	-0.001322	-0.000356	-0.025772					0.000257	0.000716	2.97E-06			
29	-0.001002	-0.000323	-0.021415	-0.000481	-0.000778	-7.08E-05						0.000334	0.000788	2.14E-06			
-0.000277	-0.000777	-2.11E-05		98	-0.001327	-0.000359	-0.023346					14	0.000788	5.35E-05	0.005298		
30	-0.001032	-0.000324	-0.019293	-0.000461	-0.001052	-8.88E-05						15	0.000933	5.47E-05	0.006773		
-0.000258	-0.000620	-2.19E-05		Program	SAP2000	Nonlinear	Version 7.42					0.000418	0.000700	4.84E-06			
31	-0.001090	-0.000325	-0.015429	File:2교부산방향S1-S403.OUT								16	0.000963	5.24E-05	0.007393		
-0.000212	-0.000906	-2.13E-05										0.000482	0.000510	8.17E-06			
32	-0.001173	-0.000328	-0.010439									17	0.000988	5.39E-05	0.007250		
-0.000145	-0.001048	-1.94E-05										18	0.000518	0.000284	1.08E-05		
33	-0.001275	-0.000331	-0.005092									19	0.001003	5.40E-05	0.006535		
-6.67E-05	-0.001054	-1.65E-05										0.000517	0.000188	1.24E-05			
34	-0.001390	-0.000336	-8.40E-07									20	0.000996	4.71E-05	0.005971		
-2.31E-05	-0.000949	-1.27E-05										0.000419	0.000286	1.27E-05			
35	-0.001516	-0.000343	-0.005906									21	0.000967	4.66E-05	0.004809		
-6.60E-05	-0.000765	-9.38E-06										0.000333	0.000315	1.10E-05			
36	-0.001641	-0.000348	-0.012026									22	0.000915	4.20E-05	0.002811		
-0.000151	-0.000539	-9.80E-06										0.000248	0.000676	8.04E-06			
37	-0.001751	-0.000347	-0.017538									23	0.000642	3.53E-05	7.97E-08		
-0.000221	-0.000298	-1.30E-05										0.000175	0.000648	5.33E-06			
38	-0.001829	-0.000343	-0.021651									24	0.000751	4.41E-05	0.002811		
-0.000264	-0.000656	-1.74E-05										0.000248	0.000773	2.49E-06			
39	-0.001869	-0.000333	-0.023864									25	0.000650	5.34E-05	0.004809		
-0.000281	-0.000999	-2.11E-05										0.000333	0.000676	2.00E-06			
40	-0.001870	-0.000319	-0.024143									26	0.000562	5.64E-05	0.005971		
-0.000274	-0.000220	-2.41E-05										0.000419	0.000695	5.02E-06			
41	-0.001833	-0.000319	-0.022444									27	0.000511	5.44E-05	0.006401		
-0.000249	-0.000529	-2.61E-05										0.000481	0.000518	8.34E-06			
42	-0.001759	-0.000329	-0.018853									28	0.000503	4.92E-05	0.006534		
-0.000206	-0.000870	-2.73E-05										0.000517	0.000529	1.09E-05			
43	-0.001652	-0.000351	-0.013583									29	0.000524	4.97E-05	0.007248		
-0.000145	-0.001185	-2.73E-05										0.000518	0.000162	1.26E-05			
44	-0.001517	-0.000386	-0.006846									30	0.000216	5.06E-05	0.007391		
-7.56E-05	-0.000765	-9.38E-06										0.000481	0.000567	1.32E-05			
45	-0.001379	-0.000424	-3.33E-07														

0.000176	0.001127	6.97E-05		48	-0.000785	-0.000344	-0.010331	-0.000473	-0.000868	6.29E-05		32	0.001194	7.83E-05	0.009810
0.000126	0.000928	4.65E-05	0.005225	-0.000372	-0.000314	-1.51E-05		110	-0.001106	-0.000218	-0.011231	0.000453	0.000784	1.43E-05	
0.000298	0.001183	6.26E-05		Program SAP2000 Nonlinear Version 7.42				-0.000396	-0.001036	-6.09E-05		33	0.001331	8.71E-05	0.005381
127	0.000959	5.31E-05	0.006669	File:2교부산항량S1-S403.OUT				111	-0.001014	-0.000233	-0.007548	0.000342	0.000982	1.14E-05	
0.000423	0.001111	5.77E-05						-0.000288	-0.001116	-6.32E-05		34	0.001459	9.38E-05	8.80E-08
128	0.000972	5.68E-05	0.007315					112	-0.000914	-0.000246	-0.003677	0.000263	0.001174	7.82E-06	
0.000533	0.000927	5.64E-05						-0.000153	-0.000153	-6.80E-06		35	0.001568	9.54E-05	0.004518
129	0.000971	5.76E-05	0.007289	<	MOVING	Page	LOAD	>	113	-0.000823	-0.000249	-0.000446	0.000324	0.001312	4.45E-06
0.000609	0.000705	5.74E-05		79					-4.00E-05	-0.000939	-7.66E-05		36	0.001649	8.77E-05
130	0.000959	5.59E-05	0.006772	JOINT	DISPLACEMENTS				-0.000752	-0.000249	-0.003677	0.000450	0.001288	3.48E-06	
0.000647	0.000519	6.09E-05							-0.000153	-0.000750	-8.32E-05		37	0.001699	8.98E-05
131	0.000940	5.22E-05	0.005867	TRANSLATIONS AND ROTATIONS, IN LOCAL					115	-0.000700	-0.000238	-0.007547	0.000577	0.001074	6.68E-06
0.000642	0.000512	6.53E-05		COORDINATES					-0.000258	-0.000258	-8.31E-06		38	0.001568	9.32E-05
132	0.000914	4.73E-05	0.004653						116	-0.000669	-0.000223	-0.011229	0.000685	0.000717	0.010873
0.000582	0.000535	7.47E-05							-0.000396	-0.000545	-7.67E-05		39	0.001718	9.20E-05
133	0.000883	4.29E-05	0.003200	JOINT	DISPLACEMENTS				117	-0.000658	-0.000205	-0.014150	0.000760	0.000432	1.03E-05
0.000460	0.000572	8.67E-05		R1	R2	R3	U2	U3	-0.000473	-0.000532	-6.69E-05		40	0.001699	8.77E-05
134	0.000849	5.21E-05	0.001562	-0.000446	-0.000271	-1.52E-05	-0.014314		118	-0.000681	-0.000185	-0.015768	0.000792	0.000280	1.71E-05
0.000241	0.000723	9.00E-05		53	-0.000298	-0.000298	-0.016967		-0.000015	-0.000015	-6.00E-06		41	0.001685	9.12E-05
135	0.000817	6.51E-05	3.72E-05	-0.000494	-0.000216	-1.45E-05			119	-0.000677	-0.000178	-0.015833	0.000778	0.000319	1.90E-05
0.000204	0.000408	0.000140		51	-0.000218	-0.000283	-0.018094		-0.000510	-0.000641	-5.80E-05		42	0.001620	7.43E-05
136	0.000718	2.62E-05	0.000000	-0.000515	-0.000183	-1.30E-05			120	-0.000701	-0.000198	-0.014310	0.000717	0.000396	2.01E-05
0.000260	0.001152	5.82E-06		52	-0.000709	-0.000290	-0.017657		-0.000464	-0.000860	-5.59E-05		43	0.001567	6.82E-05
137	0.000712	2.14E-05	0.000000	-0.000509	-0.000353	-1.07E-05			121	-0.000731	-0.000216	-0.011363	0.000610	0.000457	2.02E-05
0.000165	0.000865	4.74E-05		56	-0.000791	-0.000248	-0.015733		-0.000391	-0.000524	-7.91E-05		44	0.001508	9.12E-05
138	0.000700	0.000000	0.000000	-0.000481	-0.000587	-7.58E-06			122	-0.000763	-0.000231	-0.007647	0.000468	0.000501	1.89E-05
0.000175	0.000648	5.33E-06		54	-0.000720	-0.000282	-0.012424		-0.000280	-0.001115	-5.88E-05		45	0.001451	0.000102
139	0.001613	2.16E-05	0.000000	-0.000422	-0.000786	-3.90E-06			123	-0.000794	-0.000243	-0.003769	0.000366	0.000516	1.68E-05
0.000189	0.000683	5.91E-06		55	-0.000747	-0.000267	-0.008243		-0.000163	-0.001084	-6.55E-05		46	0.001478	0.000117
140	0.001155	2.62E-05	0.000000	-0.000336	-0.000876	-2.51E-06			124	-0.000821	-0.000247	-0.000440	0.000160	0.001734	1.87E-05
0.000310	0.000734	1.00E-05		59	-0.000743	-0.000248	-0.003893		-0.000015	-0.000015	-6.00E-06		47	0.001581	9.12E-05
141	0.000728	4.43E-05	0.000000	-0.000252	-0.000835	-4.51E-06			125	-0.000844	-0.000249	-0.003873	0.000294	0.001624	2.05E-05
0.000181	0.001163	1.65E-05		57	-0.000852	-0.000231	-5.08E-07		-0.000170	-0.000795	-7.86E-05		48	0.001221	0.000173
142	0.001167	3.83E-05	0.000000	-0.000181	-0.000696	-7.10E-06			126	-0.000862	-0.000248	-0.008047	0.000432	0.001332	2.17E-05
0.000176	0.000688	8.60E-06		58	-0.000927	-0.000244	-0.003769		-0.000310	-0.000628	-8.25E-05		49	0.001332	2.17E-05
143	8.82E-06	2.53E-05	0.000000	-0.000225	-0.000536	-9.92E-06			127	-0.000872	-0.000243	-0.012085	0.000610	0.000457	2.02E-05
2.51E-05	0.000689	7.45E-06		-0.000323	-0.000729	-0.000240	-0.007803		-0.000426	-0.000765	-0.015365		50	0.001332	2.17E-05
144	0.001586	0.000375	0.000000	-0.000303	-0.000382	-1.23E-05			128	-0.000877	-0.000236	-0.015365	Program SAP2000 Nonlinear Version 7.42	File:2교부산항량S1-S403.OUT	
3.51E-05	0.000685	7.39E-06		60	-0.001101	-0.000258	-0.011614		-0.000509	-0.000379	-7.17E-05		51	0.001332	2.17E-05
145	0.001191	9.16E-05	0.000000	-0.000382	-0.000247	-1.40E-05			129	-0.000877	-0.000226	-0.017290	<	MOVING	Page
0.000137	0.000359	7.02E-06	Version 7.42	61	-0.001179	-0.000253	-0.014553		-0.000561	-0.000418	-6.46E-05		52	0.001332	2.17E-05
Program SAP2000 Nonlinear Version 7.42	File:2교부산항량S1-S403.OUT			-0.000441	-0.000219	-1.46E-05	-0.016073		-0.000519	-0.000720	-0.017703		53	0.001332	2.17E-05
				-0.000470	-0.000164	-1.39E-05			131	-0.000866	-0.000248	-0.016561	TRANSLATIONS AND ROTATIONS, IN LOCAL		
				63	-0.001242	-0.000249	-0.016016		-0.000557	-0.000806	-5.80E-05		54	0.001332	2.17E-05
				-0.000473	-0.000304	-1.20E-05	-0.014407		132	-0.000856	-0.000285	-0.013887	COORDINATES		
				64	-0.001213	-0.000262	-0.014407		-0.000489	-0.001027	-5.70E-05		55	0.001332	2.17E-05
				-0.000452	-0.000526	-9.14E-06	-0.011488		133	-0.000845	-0.000323	-0.010005	JOINT		
				65	-0.001219	-0.000265	-0.011488		-0.000374	-0.001234	-5.80E-05		56	0.001332	2.17E-05
				-0.000401	-0.000706	-5.37E-06	-0.007714		134	-0.000832	-0.000314	-0.005126	R1	R2	R3
				66	-0.001052	-0.000260	-0.007714		-0.000180	-0.001465	-6.43E-05		57	0.001332	2.17E-05
				67	-0.000949	-0.000248	-0.003681		135	-0.000820	-0.000395	-0.000625	U1	U2	U3
				-0.000323	-0.000802	-2.21E-06	-0.007714		136	-0.000820	-0.000395	-0.000625	0.001185	0.000195	0.007055
				68	-0.000949	-0.000248	-0.003681		137	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				69	-0.000785	-3.81E-06	-0.003681		138	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000174	-0.000658	-6.49E-06	-0.003681		139	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				70	-0.000782	-0.000252	-0.003680		140	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000241	-0.000488	-9.52E-06	-0.003680		141	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				71	-0.000782	-0.000252	-0.003680		142	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000323	-0.000321	-1.21E-05	-0.011485		143	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000421	-0.000392	-1.38E-05	-0.011485		144	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				72	-0.000658	-0.000268	-0.014404		145	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000452	-0.000526	-9.14E-06	-0.011488		146	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				73	-0.000692	-0.000255	-0.016014		147	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000473	-0.000304	-1.20E-05	-0.014407		148	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				74	-0.000782	-0.000252	-0.003680		149	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000323	-0.000802	-2.21E-06	-0.007714		150	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				75	-0.000782	-0.000252	-0.003680		151	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000241	-0.000488	-9.52E-06	-0.003680		152	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				76	-0.000782	-0.000252	-0.003680		153	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000323	-0.000321	-1.21E-05	-0.011485		154	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000421	-0.000392	-1.38E-05	-0.011485		155	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				77	-0.000692	-0.000255	-0.016014		156	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000473	-0.000304	-1.20E-05	-0.014407		157	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				78	-0.000782	-0.000252	-0.003680		158	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				-0.000323	-0.000802	-2.21E-06	-0.007714		159	-0.000820	-0.000395	-0.000625	0.001135	0.000208	0.008898
				79	-0.000782	-0.000252	-0.003680		160	-0.000820					

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69	0.001143	1.34E-05		0.005280	137	0.002780	5.09E-05	.000000	-0.000693	-0.000435	-1.30E-05	121	-0.001132	-0.000363	-0.016662	
70	0.001332	0.000110		0.005280	0.000241	0.001010	6.52E-06	.000000	53	-0.001325	-0.000430	-0.023883	-0.000502	-0.001300	-8.75E-05	
0.000128	0.001248	1.67E-05		0.009606	138	.000000	.000000	.000000	-0.000657	-0.000735	-9.27E-06	-0.000521	-0.001216	-0.000362	-0.011355	
71	0.001174	0.000128		0.009606	0.000252	0.001124	7.48E-06	.000000	54	-0.001276	-0.000409	-0.019295	-0.000360	-0.001440	-0.000102	
0.000243	0.001187	1.91E-05		0.012819	139	0.002720	5.11E-05	.000000	-0.000579	-0.001097	-5.22E-06	122	-0.001320	-0.000364	-0.005686	
72	0.000962	2.03E-05		0.012819	0.000279	0.001169	7.82E-06	.000000	55	-0.001288	-0.000383	-0.013177	-0.000216	-0.001436	-0.000116	
0.000359	0.000962	2.03E-05		0.014902	140	0.002209	3.65E-05	.000000	-0.000466	-0.001312	-3.42E-06	123	-0.001439	-0.000368	-0.000615	
73	0.000947	0.000166		0.014902	0.000338	0.000506	1.68E-05	.000000	56	-0.001370	-0.000358	-0.006430	-0.000103	-0.001302	-0.000131	
0.000443	0.000629	2.04E-05		0.015988	141	0.001017	8.83E-05	.000000	-0.000348	-0.001333	-6.02E-06	124	-0.001573	-0.000375	-0.006531	
74	0.001008	0.000174		0.015988	0.000252	0.001726	1.87E-05	.000000	57	-0.001482	-0.000346	-1.17E-06	-0.000213	-0.000174	-0.000385	
0.000487	0.000390	1.95E-05		0.016376	142	0.002755	3.83E-05	.000000	-0.000268	-0.001191	-9.62E-06	125	-0.001704	-0.000388	-0.013025	
75	0.000921	0.000170		0.016376	0.000252	0.000993	1.38E-05	.000000	58	-0.001616	-0.000357	-0.005553	-0.000394	-0.000843	-0.000145	
0.000489	0.000269	1.77E-05		0.015588	143	1.71E-09	4.88E-05	.000000	-0.000324	-0.000995	-1.32E-05	127	-0.001820	-0.000392	-0.018891	
76	0.000981	0.000156		0.015588	5.90E-05	0.001143	1.34E-05	.000000	59	-0.001760	-0.000374	-0.011435	-0.000542	-0.000602	-0.000136	
0.000448	0.000347	1.49E-05		0.013475	144	0.002696	0.000618	.000000	-0.000429	-0.000794	-1.60E-05	128	-0.001903	-0.000396	-0.023341	
77	0.001084	0.000137		0.013475	4.11E-05	0.001164	1.31E-05	.000000	60	-0.001896	-0.000391	-0.016939	-0.000646	-0.000409	-0.000118	
0.000364	0.000565	1.14E-05		0.010049	145	0.002273	0.000177	.000000	-0.000533	-0.000565	-1.78E-05	-0.000646	-0.000409	-0.000118	-0.025768	
78	0.001213	0.000119		0.010049	0.000187	0.000531	1.07E-05	.000000	-0.000615	-0.000347	-1.82E-05	-0.000714	-0.000418	-0.000101	-0.026114	
0.000255	0.000794	9.07E-06		0.005513	Program	SAP2000	Nonlinear	Version 7.42	61	-0.002006	-0.000403	-0.021205	-0.000714	-0.000418	-0.026114	
79	0.001351	0.000104		0.005513	File:2교부산발형S1-S403.OUT				62	-0.002070	-0.000406	-0.023544	-0.000734	-0.000621	-8.92E-05	
0.000145	0.000995	1.05E-05		8.63E-08					-0.000656	-0.000269	-1.71E-05	131	-0.001909	-0.000407	-0.024309	
80	0.001481	0.000104		8.63E-08					63	-0.002080	-0.000409	-0.023714	-0.000699	-0.000949	-0.023341	
6.51E-05	0.001191	1.31E-05		0.004623					-0.000659	-0.000390	-1.46E-05	132	-0.001833	-0.000419	-0.020465	
81	0.001675	0.000139		0.008072					64	-0.002034	-0.000407	-0.021702	-0.000604	-0.001284	-8.22E-05	
0.000112	0.001333	1.63E-05		0.008072					-0.000625	-0.000629	-1.11E-05	133	-0.001721	-0.000431	-0.014872	
82	0.001726	0.000164		0.010211					65	-0.001935	-0.000394	-0.017736	-0.000444	-0.001620	-8.56E-05	
0.000376	0.001096	2.08E-05		0.010211					-0.000552	-0.000963	-6.85E-06	134	-0.001578	-0.000446	-0.007712	
83	0.001748	0.000185		0.011147					66	-0.001799	-0.000375	-0.012291	-0.000208	-0.000375	-0.000123	
0.000490	0.000735	2.15E-05		0.011147					-0.000446	-0.001187	-3.31E-06	-0.000208	-0.000375	-0.000123	-0.000625	
84	0.001746	0.000196		0.011078					-0.000332	-0.001248	-5.29E-06	-0.006091	-9.41E-05	-0.002533	-9.11E-05	
0.000563	0.000435	2.13E-05		0.010277					68	-0.001486	-0.000349	-1.10E-06	136	-0.002209	-8.06E-05	.000000
85	0.001726	0.000197		0.010277					-0.000256	-0.001143	-8.89E-06	-5.27E-05	-0.000518	-9.62E-06	-0.023341	
0.000594	0.000298	2.03E-05		0.008897					69	-0.001352	-0.000367	-0.006090	137	-0.002722	-4.98E-05	.000000
86	0.001691	0.000188		0.008897					-0.000331	-0.000957	-1.25E-05	-6.86E-05	-0.001174	-1.12E-05	.000000	
0.000584	0.000324	1.83E-05		0.007055					-0.000445	-0.000753	-1.54E-05	-0.012290	-6.39E-05	-0.001124	-1.23E-05	
87	0.001646	0.000172		0.007055					71	-0.001159	-0.000412	-0.017733	139	-0.002781	-5.00E-05	.000000
0.000530	0.000401	1.55E-05		0.004855					-0.000552	-0.000575	-1.72E-05	140	-0.000998	-8.08E-05	.000000	
88	0.001591	0.000172		0.004855					72	-0.001105	-0.000425	-0.021699	-0.000141	-0.002295	-0.000465	.000000
0.000432	0.000465	1.18E-05		0.002373					-0.000625	-0.000390	-1.74E-05	-0.000136	-0.000243	-8.98E-06	.000000	
89	0.001531	0.000133		0.002373					73	-0.001080	-0.000425	-0.023712	-0.000249	-0.000517	-1.56E-05	.000000
0.000295	0.000511	9.69E-06		5.81E-08					-0.000659	-0.000341	-1.63E-05	142	-0.002836	-0.000474	.000000	
90	0.001473	0.000117		5.81E-08					74	-0.001083	-0.000417	-0.023542	-0.000480	-0.001108	-9.62E-06	.000000
0.000161	0.000527	1.07E-05		3.72E-05					-0.000657	-0.000446	-1.41E-05	143	-1.99E-06	-0.000571	.000000	
91	0.001424	0.000108		3.72E-05					-0.000615	-0.000893	-1.07E-05	-0.000256	-0.001143	-8.89E-06	.000000	
0.000254	0.002533	9.13E-05		0.006892					75	-0.001113	-0.000408	-0.021203	-0.000136	-0.002618	-0.000116	.000000
92	0.001283	0.000106		0.006892					-0.000332	-0.001248	-5.29E-06	-0.000223	-0.000419	-9.13E-06	.000000	
0.000330	0.001925	9.23E-05		0.006892					-0.000533	-0.001005	-6.42E-06	-0.000182	-0.000991	-0.000546	.000000	
93	0.001175	0.000107		0.006892					77	-0.001257	-0.000366	-0.011434	-0.000102	-0.001737	5.45E-06	.000000
0.000581	0.001620	8.52E-05		0.006892					-0.000429	-0.001158	-3.49E-06	Program	SAP2000	Nonlinear	Version 7.42	
94	0.001120	0.000108		0.006892					78	-0.001362	-0.000350	-0.005553	File:2교부산발형S1-S403.OUT			
0.000736	0.001284	8.17E-05		0.006892					-0.000446	-0.001158	-3.49E-06	-1.17E-06	-0.001102	-8.16E-05	-0.000642	
95	0.001091	0.000108		0.006892					79	-0.001483	-0.000346	-0.006429				
0.000816	0.000940	8.21E-05		0.006892					-0.000268	-0.001027	-9.13E-06					
96	0.001075	0.000107		0.006892					80	-0.001618	-0.000369	-0.006429				
0.000823	0.000622	8.66E-06		0.006892					-0.000348	-0.000810	-1.30E-05					
97	0.001067	0.000106		0.006892					81	-0.001753	-0.000402	-0.013175				
0.000779	0.000418	9.52E-05		0.006892					82	-0.001873	-0					

[illegible]

COMB DB-G1-1 ----- MIN				
JOINT	F1	F2	F3	
M1	M2	M3		
136	.000000	-0.466055	-31.667897	
.000000	.000000	.000000		
137	.000000	-0.853642	-48.992435	
.000000	.000000	.000000		
138	-8.756416	-8.120564	-59.729052	
.000000	.000000	.000000		
139	.000000	-0.911078	-48.914167	
.000000	.000000	.000000		
140	.000000	-0.230492	-31.620655	
.000000	.000000	.000000		
141	.000000	.000000	-16.868675	
.000000	.000000	.000000		
142	.000000	.000000	-27.752633	
.000000	.000000	.000000		
143	-8.785972	.000000	-36.995469	
.000000	.000000	.000000		
144	.000000	.000000	-27.862374	
.000000	.000000	.000000		
145	.000000	.000000	-16.445124	
.000000	.000000	.000000		

COMB DB-G1-2 ----- MAX				
JOINT	F1	F2	F3	
M1	M2	M3		
136	.000000	1.425096	764.608229	
.000000	.000000	.000000		
137	.000000	3.453065	822.878681	
.000000	.000000	.000000		
138	10.777622	3.400396	817.805278	
.000000	.000000	.000000		
139	.000000	2.776651	822.859255	
.000000	.000000	.000000		
140	.000000	1.209434	764.633001	
.000000	.000000	.000000		
141	.000000	.000000	177.006208	
.000000	.000000	.000000		
142	.000000	.000000	228.872194	
.000000	.000000	.000000		
143	10.706551	.000000	207.918795	
.000000	.000000	.000000		
144	.000000	.000000	228.768085	
.000000	.000000	.000000		
145	.000000	.000000	176.996309	
.000000	.000000	.000000		

COMB DB-G1-2 ----- MIN				
JOINT	F1	F2	F3	
M1	M2	M3		
136	.000000	-1.086196	-53.047796	
.000000	.000000	.000000		
137	.000000	-3.165436	-85.348258	
.000000	.000000	.000000		
138	-10.735064	-4.387563	-105.037162	
.000000	.000000	.000000		
139	.000000	-3.250428	-85.287269	
.000000	.000000	.000000		
140	.000000	-0.867202	-53.012611	
.000000	.000000	.000000		
141	.000000	.000000	-37.223331	
.000000	.000000	.000000		
Program	SAP2000	Nonlinear	Version 7.42	
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100				
R E S T R A I N T F O R C E S (R E A C T I O N S)				

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES				
JOINT	F1	F2	F3	
M1	M2	M3		
142	.000000	.000000	-59.347478	
.000000	.000000	.000000		
143	-10.748994	.000000	-77.683432	
.000000	.000000	.000000		
144	.000000	.000000	-59.465661	
.000000	.000000	.000000		
145	.000000	.000000	-37.282715	
.000000	.000000	.000000		

COMB DB-G1-3 ----- MAX				
JOINT	F1	F2	F3	
M1	M2	M3		
136	.000000	1.732415	744.744384	
.000000	.000000	.000000		
137	.000000	4.230455	821.142182	
.000000	.000000	.000000		
138	15.238942	4.271319	804.497809	
.000000	.000000	.000000		
139	.000000	3.730355	820.981750	
.000000	.000000	.000000		
140	.000000	1.585763	744.791394	
.000000	.000000	.000000		
141	.000000	.000000	519.181033	
.000000	.000000	.000000		
142	.000000	.000000	589.326251	
.000000	.000000	.000000		
143	15.178981	.000000	568.769178	
.000000	.000000	.000000		
144	.000000	.000000	589.257930	
.000000	.000000	.000000		
145	.000000	.000000	519.156011	
.000000	.000000	.000000		

COMB DB-G1-3 ----- MIN				
JOINT	F1	F2	F3	
M1	M2	M3		
136	.000000	-1.466079	-60.667544	
.000000	.000000	.000000		
137	.000000	-0.973950	-103.178763	
.000000	.000000	.000000		
138	-15.219398	-5.666840	-128.709993	
.000000	.000000	.000000		
139	.000000	-4.284133	-103.224479	
.000000	.000000	.000000		
140	.000000	-1.216599	-60.690299	
.000000	.000000	.000000		
141	.000000	.000000	-60.907690	
.000000	.000000	.000000		
142	.000000	.000000	-91.739734	
.000000	.000000	.000000		
143	-15.198455	.000000	-117.584107	
.000000	.000000	.000000		
144	.000000	.000000	-91.769620	
.000000	.000000	.000000		
145	.000000	.000000	-60.914142	
.000000	.000000	.000000		

COMB DB-G2-1 ----- MAX				
JOINT	F1	F2	F3	
M1	M2	M3		
136	.000000	0.298938	10.970091	
.000000	.000000	.000000		
137	.000000	0.819086	38.193965	
.000000	.000000	.000000		
138	9.040410	0.998311	25.541114	
.000000	.000000	.000000		

139	.000000	0.949018	37.940392	
.000000	.000000	.000000		
140	.000000	0.331450	11.003857	
.000000	.000000	.000000		
141	.000000	.000000	503.933989	
.000000	.000000	.000000		
142	.000000	.000000	536.899756	
.000000	.000000	.000000		
143	9.075410	.000000	534.172640	
.000000	.000000	.000000		
144	.000000	.000000	536.937853	
.000000	.000000	.000000		
145	.000000	.000000	503.904925	
.000000	.000000	.000000		
Program	SAP2000	Nonlinear	Version 7.42	
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R E S T R A I N T F O R C E S (R E A C T I O N S)				
FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES				

COMB DB-G2-1 ----- MIN				
JOINT	F1	F2	F3	
M1	M2	M3		
136	.000000	-0.523890	-21.684040	
.000000	.000000	.000000		
137	.000000	-0.664368	-28.934091	
.000000	.000000	.000000		
138	-9.099578	-1.283587	-37.997738	
.000000	.000000	.000000		
139	.000000	-1.200387	-29.088799	
.000000	.000000	.000000		
140	.000000	-0.443618	-21.601590	
.000000	.000000	.000000		
141	.000000	.000000	-35.506503	
.000000	.000000	.000000		
142	.000000	.000000	-48.936174	
.000000	.000000	.000000		
143	-9.016391	.000000	-60.445123	
.000000	.000000	.000000		
144	.000000	.000000	-48.813411	
.000000	.000000	.000000		
145	.000000	.000000	-35.434009	
.000000	.000000	.000000		

COMB DB-G2-2 ----- MAX				
JOINT	F1	F2	F3	
M1	M2	M3		
136	.000000	1.246833	170.800294	
.000000	.000000	.000000		
137	.000000	3.317764	232.730114	
.000000	.000000	.000000		
138	.000000	3.463796	212.177639	
.000000	.000000	.000000		
139	.000000	3.471483	232.412882	
.000000	.000000	.000000		
140	.000000	1.371781	170.859600	
.000000	.000000	.000000		
141	.000000	.000000	769.923960	
.000000	.000000	.000000		
142	.000000	.000000	820.651433	
.000000	.000000	.000000		
143	11.116135	.000000	815.251054	
.000000	.000000	.000000		
144	.000000	.000000	820.713589	
.000000	.000000	.000000		
145	.000000	.000000	769.865113	
.000000	.000000	.000000		

COMB DB-G2-2 ----- MIN				
JOINT	F1	F2	F3	
M1	M2	M3		
136	.000000	-1.256055	-31.070509	
.000000	.000000	.000000		
137	.000000	-3.295659	-61.564915	
.000000	.000000	.000000		
138	-11.145728	-9.971084	-79.324151	
.000000	.000000	.000000		
139	.000000	-3.919384	-61.775245	
.000000	.000000	.000000		
140	.000000	-1.165841	-31.184221	
.000000	.000000	.000000		
141	.000000	.000000	-59.868275	
.000000	.000000	.000000		
142	.000000	.000000	-84.398549	
.000000	.000000	.000000		
143	-11.049144	.000000	-105.369563	
.000000	.000000	.000000		
144	.000000	.000000	-84.244458	
.000000	.000000	.000000		
145	.000000	.000000	-59.773420	
.000000	.000000	.000000		

COMB DB-G2-3 ----- MAX				
JOINT	F1	F2	F3	
M1	M2	M3		
136	.000000	1.736800	511.138192	
.000000	.000000	.000000		
137	.000000	4.482563	593.834955	
.000000	.000000	.000000		
138	15.327073	4.596309	573.820491	
.000000	.000000	.000000		
139	.000000	4.614482	593.554759	
.000000	.000000	.000000		
140	.000000	1.836056	511.208878	
.000000	.000000	.000000		
141	.000000	.000000	751.825846	
.000000	.000000	.000000		
Program	SAP2000	Nonlinear	Version 7.42	
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R E S T R A I N T F O R C E S (R E A C T I O N S)				

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES				
JOINT	F1	F2	F3	
M1	M2	M3		
142	.000000	.000000	817.443370	
143	15.336269	.000000	800.556626	
144	.000000	.000000	817.450047	
145	.000000	.000000	751.759378	
.000000	.000000	.000000		

145	.000000	.000000	-87.553335
.000000	.000000	.000000	
COMB DL-G2-3 ----- MAX			
JOINT	F1	F2	F3
M1	M2	M3	
136	.000000	2.499349	582.977555
.000000	.000000	.000000	
137	.000000	6.500699	1357.639
.000000	.000000	.000000	
138	20.159613	8.476806	1262.747
.000000	.000000	.000000	
139	.000000	7.302085	1357.519
.000000	.000000	.000000	
140	.000000	2.310769	583.149037
.000000	.000000	.000000	
141	.000000	.000000	881.091291
.000000	.000000	.000000	
142	.000000	.000000	1887.322
.000000	.000000	.000000	
143	20.256629	.000000	1765.315
.000000	.000000	.000000	
144	.000000	.000000	1887.380
.000000	.000000	.000000	
145	.000000	.000000	880.936682
.000000	.000000	.000000	
COMB DL-G2-3 ----- MIN			
JOINT	F1	F2	F3
M1	M2	M3	
136	.000000	-2.435611	-86.062167
.000000	.000000	.000000	
137	.000000	-6.519991	-129.786222
.000000	.000000	.000000	
138	-20.310578	-9.428885	-291.958597
.000000	.000000	.000000	
139	.000000	-7.234192	-130.003105
.000000	.000000	.000000	
140	.000000	-2.308015	-86.172180
.000000	.000000	.000000	
141	.000000	.000000	-101.738098
.000000	.000000	.000000	
142	.000000	.000000	-139.585594
.000000	.000000	.000000	
143	-20.106051	.000000	-315.701879
.000000	.000000	.000000	
144	.000000	.000000	-139.476342
.000000	.000000	.000000	
145	.000000	.000000	-101.657661
.000000	.000000	.000000	
COMB DB ----- MAX			
JOINT	F1	F2	F3
M1	M2	M3	
136	.000000	1.736800	764.608229
.000000	.000000	.000000	
137	.000000	4.482563	822.878681
.000000	.000000	.000000	
138	15.327073	4.596309	817.805278
.000000	.000000	.000000	
139	.000000	4.614482	822.859255
.000000	.000000	.000000	
140	.000000	1.836056	764.633001
.000000	.000000	.000000	
141	.000000	.000000	769.923960
.000000	.000000	.000000	
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RESTRAINT FORCES (REACTIONS)			
FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES			
JOINT	F1	F2	F3
M1	M2	M3	
142	.000000	.000000	820.651433
.000000	.000000	.000000	
143	15.336269	.000000	815.251054
.000000	.000000	.000000	
144	.000000	.000000	820.713589
.000000	.000000	.000000	
145	.000000	.000000	769.865113
.000000	.000000	.000000	
COMB DB ----- MIN			
JOINT	F1	F2	F3
M1	M2	M3	
136	.000000	-1.597789	-60.667544
.000000	.000000	.000000	
137	.000000	-4.575390	-103.178763
.000000	.000000	.000000	
138	-15.377099	-6.655020	-128.709993
.000000	.000000	.000000	
139	.000000	-5.110110	-103.224479
.000000	.000000	.000000	
140	.000000	-1.500239	-60.690299
.000000	.000000	.000000	
141	.000000	.000000	-69.522073
.000000	.000000	.000000	
142	.000000	.000000	-101.317845
.000000	.000000	.000000	
143	-15.286344	.000000	-128.227205
.000000	.000000	.000000	
144	.000000	.000000	-101.240463
.000000	.000000	.000000	
145	.000000	.000000	-69.468295
.000000	.000000	.000000	
COMB DL ----- MAX			
JOINT	F1	F2	F3
M1	M2	M3	
136	.000000	2.499349	874.356564
.000000	.000000	.000000	
137	.000000	6.533646	1891.585
.000000	.000000	.000000	
138	20.159613	8.476806	1773.260
.000000	.000000	.000000	
139	.000000	7.302085	1891.397
.000000	.000000	.000000	
140	.000000	2.310769	874.351545
.000000	.000000	.000000	
141	.000000	.000000	900.407120
.000000	.000000	.000000	
142	.000000	.000000	1888.297
.000000	.000000	.000000	
143	20.256629	.000000	1773.744
.000000	.000000	.000000	
144	.000000	.000000	1888.277
.000000	.000000	.000000	
145	.000000	.000000	900.206458
.000000	.000000	.000000	
COMB DL ----- MIN			
JOINT	F1	F2	F3
M1	M2	M3	
136	.000000	-2.435611	-88.155830
.000000	.000000	.000000	
137	.000000	-6.519991	-142.142828
.000000	.000000	.000000	
138	-20.159613	-8.476806	-1773.260
.000000	.000000	.000000	
139	.000000	7.302085	-1891.397
.000000	.000000	.000000	
140	.000000	2.310769	-874.351545
.000000	.000000	.000000	
141	.000000	.000000	-900.407120
.000000	.000000	.000000	
142	.000000	.000000	-1888.297
.000000	.000000	.000000	
143	20.256629	.000000	-1773.744
.000000	.000000	.000000	
144	.000000	.000000	-1888.277
.000000	.000000	.000000	
145	.000000	.000000	-900.206458
.000000	.000000	.000000	

-723.269374 -16.806208 -186.961860
0.75000 -3.337388 -721.766747
-727.371840 -22.523256 -280.556812
1.00000 -3.941817 -694.096156
-731.474337 -28.925196 -374.141546

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

REL_DIST M2 P M3 V2 V3
0.00000 3.732432 32.267600 0.242682
614.951237 1.636401 0.886760
0.25000 3.722280 33.431456 0.242682
614.160055 1.665729 144.416892
0.50000 3.712595 32.640151
613.434180 5.674405 287.409616
0.75000 3.703418 32.858860
612.780128 11.720791 429.876023
1.00000 3.694800 33.085232
612.202463 18.260089 571.831696

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

REL_DIST M2 P M3 V2 V3
0.00000 -0.770980 -139.694033 -6.411621
-56.734044 -16.637786 -0.117019
0.25000 -0.774379 -139.292681 -6.411621
-57.471334 -11.441139 -34.649956
0.50000 -0.779569 -138.911522 -6.411621
-58.241636 -8.831900 -68.833319
0.75000 -0.780525 -138.552524 -6.411621
-59.356161 -7.716511 -103.197242
1.00000 -0.790689 -138.215761 -6.411621
-58.844363 -7.172560 -137.562183

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

REL_DIST M2 P M3 V2 V3
0.00000 9.291716 62.513111 0.920377
861.868785 4.538459 1.222630
0.25000 9.291479 62.516992
861.850103 4.687094 355.695457
0.50000 9.291254 62.521870
861.832956 9.679686 710.206986
0.75000 9.291400 62.526981
861.817496 17.115094 1064.706
1.00000 9.290839 62.532722
861.803825 25.089341 1419.195

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

REL_DIST M2 P M3 V2 V3
0.00000 -1.613876 -347.036088 -8.314466
-162.627713 -23.813274 -0.291455
0.25000 -1.613957 -347.026741 -8.314466
-162.645098 -17.710718 -66.508734
0.50000 -1.614079 -347.017867 -8.314466
-162.663260 -14.812704 -132.910876
0.75000 -1.614206 -347.009510 -8.314466
-162.681994 -13.716514 -191.813077
1.00000 -1.614338 -347.001671 -8.314466
-162.701055 -13.170737 -265.715371

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

REL_DIST M2 P M3 V2 V3
0.00000 18.05175 86.092653 4.605659
908.094075 10.674320 1.295471
0.25000 17.479661 93.307022
876.236132 9.246285 663.160705
0.50000 16.916544 102.181834
847.349314 13.121107 1295.494
0.75000 16.414321 114.324255 4.605659
821.784551 19.605926 1898.519
1.00000 15.924794 126.111479 4.605659
809.482934 26.721807 2473.513
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P M3 V2 V3
0.00000 -2.403720 -677.214200 -7.801278
-425.970955 -25.001231 -0.741218
0.25000 -2.507542 -654.636530 -7.801278
-432.173853 -19.915060 92.972785
0.50000 -2.776480 -633.123169 -7.801278
-463.610154 -19.444306 -186.087549
0.75000 -3.059863 -612.753214 -7.801278
-496.961557 -21.724205 -279.211084
1.00000 -3.353957 -593.649112 -7.801278
-530.687063 -24.821081 -372.330765

COMB DB ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 16.602261 59.714395 0.088333
727.060684 14.280450 1.051925
0.25000 18.889495 31.616478 0.088333
694.278755 11.200119 810.092703
0.50000 18.107918 65.337965 0.088333
673.043392 13.062854 1553.458
0.75000 17.410811 78.043877 0.088333
673.010728 19.923189 2235.056
1.00000 16.752062 97.161557 0.088333
672.985512 27.828729 2862.045

COMB DB ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -1.737415 -749.363029 -8.461869
-596.782005 -19.937435 -1.017205
0.25000 -1.737415 -718.505695 -8.461869
-596.782005 -17.637466 -67.242520
0.50000 -1.737527 -689.090569 -8.461869
-596.782005 -19.061209 -134.547937
0.75000 -2.013393 -661.156870 -8.461869
-596.782005 -22.906400 -201.850962
1.00000 -2.487897 -634.855449 -8.461869
-596.782005 -30.028202 -269.153986

COMB DL ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 21.581199 87.974168 7.714838
908.094075 17.820197 1.295471
0.25000 20.857958 92.037022
876.236132 13.352518 789.007138
0.50000 20.087757 106.096479
861.832956 13.887853 1536.380
0.75000 19.353129 120.943591
861.817496 19.605926 2243.179
1.00000 18.658098 136.271205 7.714838
861.803825 26.721807 2911.088

COMB DL ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -2.593569 -812.709951 -8.314466
-729.627656 -25.001231 -1.194228
0.25000 -2.622067 -781.004265 -8.314466
-732.872410 -19.915060 -93.377002
0.50000 -2.970254 -750.605463 -8.314466
-737.788782 -19.444306 -186.961860
0.75000 -3.337388 -721.766747 -8.314466
-742.724018 -22.523256 -280.556812
1.00000 -3.718157 -694.621056 -8.314466
-747.659290 -28.925196 -374.141546

COMB CAR ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 21.658199 87.974168 0.088333
908.094075 17.820197 1.295471
0.25000 20.857958 92.037022
876.236132 13.352518 810.092703
0.50000 20.087757 106.096479
861.832956 13.887853 1553.458
0.75000 19.353129 120.943591
861.817496 19.920189 2243.179
0.808333 18.658098 136.271205
861.803825 27.828729 2911.088
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -2.593569 -812.709951 -8.461869
-729.627656 -25.001231 -1.194228
0.25000 -2.622067 -781.004265 -8.461869
-732.872410 -19.915060 -93.377002
0.50000 -2.970254 -750.605463 -8.461869
-737.788782 -19.444306 -186.961860
0.75000 -3.337388 -721.766747 -8.461869
-742.724018 -22.906400 -280.556812
1.00000 -3.718157 -694.621056 -8.461869
-747.659290 -30.028202 -374.141546

COMB DESIGN ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 21.658199 87.974168 0.088333
908.094075 17.820197 1.295471
0.25000 20.857958 92.037022
876.236132 13.352518 810.092703
0.50000 20.087757 106.096479
861.832956 13.887853 1553.458
0.75000 19.353129 120.943591
861.817496 19.920189 2243.179
1.00000 18.658098 136.271205
861.803825 27.828729 2911.088

COMB DESIGN ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -2.593569 -812.709951 -8.461869
-729.627656 -25.001231 -1.194228
0.25000 -2.622067 -781.004265 -8.461869
-732.872410 -19.915060 -93.377002
0.50000 -2.970254 -750.605463 -8.461869
-737.788782 -19.444306 -186.961860
0.75000 -3.337388 -721.766747 -8.461869
-742.724018 -22.906400 -280.556812
1.00000 -3.718157 -694.621056 -8.461869
-747.659290 -30.028202 -374.141546

ELEM 2 ===== LENGTH =
5.009280

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

REL_DIST M2 P M3 V2 V3
0.00000 9.815107 47.276346 5.712236
42.329301 6.964811 1634.212
0.25000 9.222356 71.427059 5.712236
42.329301 6.308257 1962.278
0.50000 6.848098 95.381408 5.712236
42.329301 5.913508 2239.482
0.75000 8.100942 118.929249 5.712236
42.329301 5.681347 2469.795
1.00000 7.584063 144.811129 5.712236
42.329301 5.537922 2657.960

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

REL_DIST M2 P M3 V2 V3
0.00000 -1.110619 -372.115785 -0.134044
-474.752198 -21.976381 -112.110912
0.25000 -1.676386 -347.522978 -0.134044
-474.752198 -27.978573 -141.378723
0.50000 -2.243115 -323.870093 -0.134044
-474.752198 -34.292298 -170.656284
0.75000 -2.804288 -301.464898 -0.134044
-474.752198 -40.749431 -199.944349
1.00000 -3.414380 -280.446355 -0.134044
-474.752198 -47.449746 -229.232414

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

REL_DIST M2 P M3 V2 V3
0.00000 15.752639 74.689333 7.098077
190.659661 11.643666 2653.120
0.25000 14.961913 106.267832 7.098077
190.659661 10.886299 3156.943
0.50000 14.213627 137.558973 7.098077
190.659661 10.427382 3633.071
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FRAME ELEMENT INTERNAL FORCES

REL_DIST M2 P M3 V2 V3
0.00000 13.497864 168.312005 7.098077
190.659661 10.126755 4062.207
1.00000 12.822057 202.024991 7.098077
190.659661 9.933265 4436.203

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

REL_DIST M2 P M3 V2 V3
0.00000 -1.872486 -590.483032 -0.485196
-701.342479 -30.854000 -206.651689
0.25000 -2.615555 -557.917918 -0.485196
-701.342479 -37.387020 -262.070889

0.50000 -3.358872 -527.052349 -0.485196
-701.342479 -44.984418 -317.504814
0.75000 -4.094635 -497.814023
-701.342479 -52.635377 -277.949777
1.00000 -4.902074 -470.350264
-701.342479 -60.220368 -428.394740

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

REL_DIST M2 P M3 V2 V3
0.00000 17.165773 86.620575 6.525812
515.520454 24.405701 2862.256
0.25000 16.466855 114.660634 6.525812
515.520454 17.315580 3435.271
0.50000 15.799770 142.446843 6.525812
515.520454 30.856911 3989.760
0.75000 15.164224 169.755520 6.525812
515.520454 34.664038 4503.356
1.00000 14.564190 199.675167 6.525812
515.520454 38.781718 4972.644

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

REL_DIST M2 P M3 V2 V3
0.00000 -2.227741 -633.709033 -4.261308
-681.489000 -33.959990 -289.098308
0.25000 -2.887407 -604.810382 -4.261308
-681.489000 -39.091236 -343.673013
0.50000 -3.547335 -577.400717 -4.261308
-681.489000 -45.552024 -418.260707
0.75000 -4.200569 -551.436177 -4.261308
-681.489000 -52.160457 -492.858318
1.00000 -4.917118 -527.048930 -4.261308
-681.489000 -58.822695 -567.455929

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

REL_DIST M2 P M3 V2 V3
0.00000 3.310312 23.944250 0.140645
496.551179 21.303990 468.774991
0.25000 3.001124 24.290733
495.544503 26.369693 605.495909
0.50000 3.292945 24.336022
494.683840 33.467566 742.301489
0.75000 3.284959 24.970204
493.902690 40.241698 879.062403
1.00000 3.277496 25.556583
493.403330 37.315168 1015.566

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

REL_DIST M2 P M3 V2 V3
0.00000 -0.603055 -112.516729 -6.107624
-53.486902 -9.173528 -97.493039
0.25000 -0.611345 -112.141584 -6.107624
-54.445126 -8.013912 -127.084709
0.50000 -0.619616 -111.804696 -6.107624
-55.368556 -7.197991 -156.678620
0.75000 -0.627749 -111.485400 -6.107624
-56.380225 -6.590958 -186.268544
1.00000 -0.637072 -111.184785 -6.107624
-57.709839 -6.109460 -215.860467

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

REL_DIST M2 P M3 V2 V3
0.00000 7.531318 44.577560 0.488536
740.979984 29.042249 1236.582
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FRAME ELEMENT INTERNAL FORCES

REL_DIST M2 P M3 V2 V3
0.25000 7.530978 44.590396 0.488536
740.942856 36.073737 1501.804
0.50000 7.530671 60.403097 0.488536
740.910744 43.766420 1807.252
0.75000 7.530379 64.415567 0.488536
740.881595 51.758875 2125.361
1.00000 7.530103 44.629881 0.488536
740.863077 60.149137 2448.910

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

REL_DIST M2 P M3 V2 V3
0.00000 -1.256233 -262.618775 -7.584833
-237.341920 -13.796472 -189.301326
0.25000 -1.256540 -262.404876 -7.584833
-237.377446 -12.381300 -245.091903
0.50000 -1.256846 -262.392397 -7.584833
-237.412349 -11.933218 -300.882490
0.75000 -1.257149 -262.380570 -7.584833
-237.446474 -11.730773 -356.673076
1.00000 -1.257493 -262.369432 -7.584833
-237.498469 -11.692115 -412.463663

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

REL_DIST M2 P M3 V2 V3
0.00000 14.672920 78.257276 3.892589
742.412680 30.079202 2366.960
0.25000 14.154203 98.437756 3.892589
716.648645 30.21562 2863.380
0.50000 13.673037 118.424864 3.892589
705.033967 42.711327 3359.035
0.75000 13.214619 138.060126 3.892589
705.033967 49.714122 3828.099
1.00000 12.781387 160.060076 3.892589
705.033967 57.115657 4266.807

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

REL_DIST M2 P M3 V2 V3
0.00000 -2.012264 -534.175892 -7.000269
-463.479698 -30.992986 -262.544732
0.25000 -2.490972 -512.862795 -7.000269
-482.168926 -32.707384 -337.275796
0.50000 -2.969269 -493.184332 -7.000269
-514.546232 -35.633164 -412.018527
0.75000 -3.442227 -474.539119 -7.000269
-543.546561 -38.674700 -486.765258
1.00000 -3.970276 -457.007023 -7.000269
-590.146794 -41.428211 -561.511989

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

REL_DIST M2 P M3 V2 V3
0.00000 10.181659 68.523172 5.694710
53.094627 7.131098 1564.590
0.25000 9.550668 82.427447 5.694710
53.094627 6.265608 1897.556
0.50000 8.945515 97.141057 5.694710
53.094627 5.770945 2191.754
0.75000 8.369211 112.488665 5.694710
53.094627 5.487118 2448.087

1.00000 7.825725 128.260205 5.694710
53.094627 5.328463 2668.178

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

REL_DIST M2 P M3 V2 V3
0.00000 -2.133683 -361.771695 -0.201845
-624.173694 -18.766309 -155.224604
0.25000 -2.455140 -340.4485 -0.201845
-621.124659 -24.544855 -196.100201
0.50000 -2.814442 -312.939695 -0.201845
0.75000 -3.182249 -290.363495 -0.201845
-615.026554 -37.558894 -277.646891
1.00000 -3.561192 -269.198001 -0.201845
-611.977501 -44.732308 -318.570694
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P M3 V2 V3
0.00000 16.693499 118.471941 7.125772
214.868506 12.054186 2603.876
0.25000 15.876638 136.770655 7.125772
214.868506 11.259219 3142.302
0.50000 15.093027 156.127155 7.125772
214.868506 10.907300 3652.116
0.75000 14.348761 176.329106 7.125772
214.868506 10.300430 4116.662
1.00000 13.649161 197.109161 7.125772
214.868506 10.910223 4536.147

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

REL_DIST M2 P M3 V2 V3
0.00000 -3.523073 -592.546582 -0.755925
-814.823182 -28.955054 -287.154983
0.25000 -3.956140 -560.250068 -0.755925
-820.

0.75000 -1.951182 -330.160265 -7.841373
-211.651133 -13.107487 -500.410328 -7.841373
1.00000 -1.951327 -330.153120
-211.670742 -13.000080 -578.571924

COMB DL-G2-3 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 16.536297 124.768225 4.076006
941.329145 28.113696 2474.956
0.25000 16.013026 136.806372 4.076006
915.682935 34.058481 3044.201
0.50000 15.519281 149.559157 4.076006
892.689437 40.436474 3603.296
0.75000 15.039345 162.876436 4.076006
890.011375 48.194941 4134.826
1.00000 14.584794 176.599229 4.076006
890.013385 56.134130 4637.967

COMB DL-G2-3 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -3.441189 -585.879755 -7.317971
-503.341948 -30.220989 -572.520069
0.25000 -3.727497 -565.243014 -7.317971
-535.025761 -31.727285 -476.239213
0.50000 -4.034953 -545.594729 -7.317971
-568.317784 -33.999424 -579.826915
0.75000 -4.356334 -527.069621 -7.317971
-602.513661 -36.957172 -683.521000
1.00000 -4.689054 -509.835431 -7.317971
-635.589685 -40.324360 -787.079427

COMB DB ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 17.165773 86.620575 7.098077
742.412608 30.079202 2862.256
0.25000 16.466855 114.660634 7.098077
740.942656 36.064737 3435.271
0.50000 15.997770 142.446843 7.098077
740.910744 43.766420 3989.760
0.75000 15.640292 169.755200 7.098077
740.881595 51.758875 4503.356
1.00000 14.564190 202.024991 7.098077
740.863077 60.149137 4972.644

COMB DB ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -2.227741 -633.709033 -7.584833
-701.342479 -33.959990 -269.098308
0.25000 -2.887407 -604.810382 -7.584833
-701.342479 -39.091236 -547.613013
0.50000 -3.547335 -577.400717 -7.584833
-701.342479 -45.552024 -518.260707
0.75000 -4.250569 -551.436142 -7.584833
-701.342479 -52.635137 -492.856318
1.00000 -4.711711 -527.069621 -7.584833
-701.342479 -60.220368 -567.455929
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FRAME ELEMENT INTERNAL
FORCES
COMB DL ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 18.846972 136.349281 7.125772
941.578482 28.113696 2910.806
0.25000 18.119273 152.640906 7.125772
941.561511 34.058481 3545.752
0.50000 17.421148 169.874543 7.125772
941.545995 41.304235 4157.874
0.75000 16.758030 187.860437 7.125772
941.532095 49.529522 4730.228
1.00000 16.133709 206.360272 7.125772
941.519940 58.184366 5262.913

COMB DL ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -3.931697 -667.634963 -7.841373
-814.823182 -32.954871 -374.065016
0.25000 -4.317224 -638.862170 -7.841373
-820.307162 -37.972583 -478.034949
0.50000 -4.731171 -611.380252 -7.841373
-825.791175 -43.813369 -581.986850
0.75000 -5.163247 -585.416687 -7.841373
-831.275188 -50.420462 -685.759065
1.00000 -5.609794 -561.136211 -7.841373
-836.759201 -58.134873 -789.687505

COMB CAR ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 18.846972 136.349281 7.125772
941.578482 28.113696 2910.806
0.25000 18.119273 152.640906 7.125772
941.561511 36.064737 3545.752
0.50000 17.421148 169.874543 7.125772
941.545995 43.766420 4157.874
0.75000 16.758030 187.860437 7.125772
941.532095 51.758875 4730.228
1.00000 16.133709 206.360272 7.125772
941.519940 60.149137 5262.913

COMB CAR ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -3.931697 -667.634963 -7.841373
-814.823182 -33.959990 -374.065016
0.25000 -4.317224 -638.862170 -7.841373
-820.307162 -39.091236 -478.034949
0.50000 -4.731171 -611.380252 -7.841373
-825.791175 -45.520204 -581.986850
0.75000 -5.163247 -585.416687 -7.841373
-831.275188 -52.635137 -685.759065
1.00000 -5.609794 -561.136211 -7.841373
-836.759201 -60.220368 -789.687505

COMB DESIGN ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 18.846972 136.349281 7.125772
941.578482 28.113696 2910.806
0.25000 18.119273 152.640906 7.125772
941.561511 36.064737 3545.752
0.50000 17.421148 169.874543 7.125772
941.545995 43.766420 4157.874
0.75000 16.758030 187.860437 7.125772
941.532095 51.758875 4730.228
1.00000 16.133709 206.360272 7.125772
941.519940 60.149137 5262.913

COMB DESIGN ----- MIN

REL_DIST P M2 M3 V2 V3
0.00000 -3.931697 -667.634963 -7.841373
-814.823182 -33.959990 -374.065016
0.25000 -4.317224 -638.862170 -7.841373
-820.307162 -39.091236 -478.034949
0.50000 -4.731171 -611.380252 -7.841373
-825.791175 -45.520204 -581.986850
0.75000 -5.163247 -585.416687 -7.841373
-831.275188 -52.635137 -685.759065
1.00000 -5.609794 -561.136211 -7.841373
-836.759201 -60.220368 -789.687505
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FRAME ELEMENT INTERNAL
FORCES
ELEM 3 ===== LENGTH =
5.009284
COMB DB-G1-1 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 8.718180 112.960375 3.624398
45.453548 5.481179 2656.936
0.25000 8.200113 134.767511 3.624398
45.453548 5.315686 2850.033
0.50000 7.689413 156.852415 3.624398
45.453548 5.258109 3003.824
0.75000 7.195512 179.022940 3.624398
45.453548 5.287486 3130.785
1.00000 6.723301 200.927227 3.624398
45.453548 5.359677 3223.478

COMB DB-G1-1 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -2.570971 -317.032150 -1.156583
-417.578470 -51.293160 -229.108043
0.25000 -3.078991 -295.677551 -1.156583
-417.578470 -51.941421 -257.590465
0.50000 -3.599500 -274.805630 -1.156583
-417.578470 -53.131035 -286.072928
0.75000 -4.126841 -254.765501 -1.156583
-417.578470 -54.881689 -314.555848
1.00000 -4.651791 -235.738211 -1.156583
-417.578470 -57.552635 -343.038221

COMB DB-G1-2 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 14.139710 169.399313 4.666010
208.247910 9.718407 4435.284
0.25000 13.444403 197.972731 4.666010
208.247910 9.490008 4927.532
0.50000 12.770764 226.867293 4.666010
208.247910 9.461369 5000.258
0.75000 12.119582 255.871653 4.666010
208.247910 9.500245 5258.155
1.00000 11.496281 285.038179 4.666010
208.247910 9.675836 5486.452

COMB DB-G1-2 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -3.722585 -505.009960 -1.691452
-633.872634 -66.190906 -420.240242
0.25000 -4.392283 -476.488203 -1.691452
-633.872634 -66.976678 -482.863967
0.50000 -5.076972 -449.057601 -1.691452
-633.872634 -68.227964 -537.487693
0.75000 -5.769859 -422.727399 -1.691452
-633.872634 -70.142214 -592.111425
1.00000 -6.473195 -397.696119 -1.691452
-637.915007 -72.971729 -646.735158

COMB DB-G1-3 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 15.473026 173.332063 4.953475
499.402343 41.416195 4972.650
0.25000 14.856394 198.701231 4.953475
499.402343 41.390769 5323.532
0.50000 14.258490 224.357358 4.953475
499.402343 41.850094 5664.167
0.75000 13.680504 250.111072 4.953475
499.402343 42.749808 5996.291
1.00000 13.127296 275.985268 4.953475
499.402343 44.207875 6305.825

COMB DB-G1-3 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -3.922335 -539.677756 -3.985626
-622.817676 -64.729832 -567.397671
0.25000 -4.516759 -514.377554 -3.985626
-622.817676 -65.319365 -642.022151
0.50000 -5.124552 -490.026567 -3.985626
-622.817676 -66.446737 -716.656305
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FRAME ELEMENT INTERNAL
FORCES
REL_DIST M2 P M3 V2 V3
0.75000 -5.739729 -466.652133 -3.985626
-622.817676 -68.298056 -791.294058
1.00000 -6.363458 -444.32160 -3.985626
-622.817676 -70.916137 -865.941436

COMB DB-G2-1 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 3.096780 25.818142 1.106257
434.352836 50.769606 1016.840
0.25000 3.068995 25.84210 1.106257
434.313448 51.538179 1134.188
0.50000 3.080749 26.252756 1.106257
432.634540 52.932283 1231.900
0.75000 3.073366 26.572320 1.106257
431.892934 54.781720 1341.019
1.00000 3.066289 26.915124 1.106257
431.197697 57.113106 1451.874

COMB DB-G2-1 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -0.646208 -95.399669 -3.926865
-57.667044 -6.876687 -215.999710
0.25000 -0.653781 -95.061193 -3.926865
-58.485283 -6.379094 -246.765622
0.50000 -0.661479 -94.753912 -3.926865

-59.313485 -6.032929 -277.552449
0.75000 -0.669251 -94.459119
-60.149067 -5.781787 -308.340868
-61.105707 -5.617391 -339.141656

COMB DB-G2-2 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 6.955729 59.257276 1.704183
682.832162 64.642472 2450.627
0.25000 6.955419 59.268985 1.704183
682.797280 65.368772 2631.773
0.50000 6.955135 59.280786 1.704183
682.768396 66.894532 2848.037
0.75000 6.954862 59.292624 1.704183
682.740893 68.975061 3089.774
1.00000 6.954600 59.305325 1.704183
682.715109 71.828946 3347.697

COMB DB-G2-2 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -1.363578 -221.799061 -4.924461
-245.190115 -12.609348 -12.620390
0.25000 -1.363858 -221.786520 -4.924461
-245.220459 -12.577347 -469.934229
0.50000 -1.364143 -221.775136 -4.924461
-245.251171 -12.740285 -527.273175
0.75000 -1.364431 -221.764215 -4.924461
-245.282155 -13.006757 -584.612121
1.00000 -1.364743 -221.753811 -4.924461
-245.317633 -13.374576 -641.970882

COMB DB-G2-3 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 13.391772 139.745626 3.801244
691.681428 60.758414 4268.015
0.25000 12.962221 158.077566 3.801244
670.476752 61.224330 4587.686
0.50000 12.486560 176.589232 3.801244
657.882064 62.520160 4909.368
0.75000 12.065725 195.163460 3.801244
657.882064 64.357411 5230.561
1.00000 11.660737 214.442440 3.801244
657.882064 67.138217 5539.584

COMB DB-G2-3 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -3.123336 -457.430296 -5.279883
-432.945175 -47.170025 -561.572918
1.00000 -3.123336 -457.430296 -5.279883
-432.945175 -47.170025 -561.572918
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FRAME ELEMENT INTERNAL
FORCES
REL_DIST M2 P M3 V2 V3
0.25000 -3.557591 -438.486854 -5.279883
-463.935098 -46.792020 -637.236581
0.50000 -4.000410 -420.778643 -5.279883
-500.721533 -46.954382 -712.923236
0.75000 -4.448037 -403.784820 -5.279883
-547.93269 -47.75908 -789.609692
1.00000 -4.917105 -387.615722 -5.279883
-580.018288 -47.936862 -864.313966

COMB DL-G1-1 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 8.967087 106.098462 3.436863
56.886820 5.283604 2666.707
0.25000 8.418159 120.644510 3.436863
56.886820 5.106568 2886.176
0.50000 7.886652 136.026766 3.436863
56.886820 5.047968 3070.978
0.75000 7.376961 152.098193 3.436863
56.886820 5.063442 3221.179
1.00000 6.895222 168.731563 3.436863
56.886820 5.125456 3337.536

COMB DL-G1-1 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -3.240002 -294.930144 -1.030376
-528.394915 -48.253690 -318.399313
0.25000 -3.564524 -273.693831 -1.030376
-525.345863 -50.360390 -358.084081
0.50000 -3.928015 -253.314738 -1.030376
-522.298814 -52.673306 -397.800524
0.75000 -4.310519 -233.886024 -1.030376
-55.323858 -49.263029
1.00000 -4.706499 -215.561164 -1.030376
-516.198707 -58.273118 -478.286561

COMB DL-G1-2 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 14.705163 174.106713 4.568205
231.604673 11.083010 4534.581
0.25000 13.988446 193.144968 4.568205
231.604673 11.054350 4888.600
0.50000 13.298014 213.276570 4.568205
231.604673 11.187553 5215.750
0.75000 12.633191 234.332008 4.568205
231.604673 11.393181 5512.290
1.00000 12.004297 256.141991 4.568205
231.604673 11.682124 5765.202

COMB DL-G1-2 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -5.475719 -484.819008 -1.705625
-714.976453 63.988438 -596.258394
0.25000 -5.494794 -456.529178 -1.705625
-720.406465 -66.508400 -672.684989
0.50000 -5.917275 -430.008350 -1.705625
-725.944476 -69.311603 -749.616823
0.75000 -6.473014 -404.771610 -1.705625
-731.428488 -72.470142 -826.214955
1.00000 -6.964518 -380.991202 -1.705625
-736.912499 -75.930841 -902.756996

COMB DL-G1-3 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 16.881250 187.928695 4.848944
585.511018 40.928554 5262.455
0.25000 16.042955 204.882353 4.848944
585.511018 42.058489 5696.685
0.50000 15.426235 222.811364 4.848944
585.511018 43.523407 6114.226
0.75000 14.835841 241.558882 4.848944
585.511018 45.216861 6504.241
1.00000 14.275636 260.979382 4.848944

COMB DL-G1-3 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -3.922335 -539.677756 -3.985626
-622.817676 -64.729832 -567.397671
0.25000 -4.516759 -514.377554 -3.985626
-622.817676 -65.319365 -642.022151
0.50000 -5.124552 -490.026567 -3.985626
-622.817676 -66.446737 -716.656305

585.511018 47.240164 6856.330
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FRAME ELEMENT INTERNAL
FORCES
COMB DL-G1-3 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -5.406452 -545.100468 -3.879699
-710.803566 -63.244730 -789.604614
0.25000 -5.804732 -520.438985 -3.879699
-715.362208 -65.352907 -893.742146
0.50000 -6.228995 -496.816888 -3.879699
-719.920850 -67.839199 -998.320491
0.75000 -6.676557 -474.336898 -3.879699
-724.479482 -70.742692 -1102.600
1.00000 -7.140059 -453.153041 -3.879699
-729.038134 -73.974993 -1206.82

-633.872634	-70.142214	-791.294058			
1.00000	-64.731195	-444.432160	-5.279883		
-637.915007	-72.971729	-865.941436			
COMB	DL	-----	MAX		
REL_DIST	M2	P	V2	V3	
0.00000	16.681250	187.928695		4.848944	
851.671879	62.485144	5262.545			
0.25000	16.042955	204.882353		4.848944	
835.571379	65.067033	5698.685			
0.50000	15.426235	222.811364		4.848944	
835.556897	68.036097	6114.226			
0.75000	14.835841	241.556822		4.848944	
835.543726	71.421827	6504.241			
1.00000	14.275636	260.979382		4.848944	
835.531965	75.217136	6856.330			
COMB	DL	-----	MIN		
REL_DIST	M2	P	V2	V3	
0.00000	-5.406452	-545.100468		-5.176142	
-714.976453	-66.190906	-789.604614			
0.25000	-5.804732	-520.438985		-5.176142	
-720.460465	-66.976678	-893.742146			
0.50000	-6.228995	-496.816888		-5.176142	
-725.944476	-69.311603	-998.320491			
0.75000	-6.676557	-474.336898		-5.176142	
-731.428488	-72.470142	-1102.600			
1.00000	-7.140059	-453.153041		-5.176142	
-736.912499	-75.930841	-1206.826			
COMB	CAR	-----	MAX		
REL_DIST	M2	P	V2	V3	
0.00000	16.681250	187.928695		4.953475	
851.671879	64.642472	5262.545			
0.25000	16.042955	204.882353		4.953475	
835.571379	65.368772	5698.685			
0.50000	15.426235	226.867293		4.953475	
835.556897	68.036097	6114.226			
0.75000	14.835841	255.871653		4.953475	
835.543726	71.421827	6504.241			
1.00000	14.275636	285.036179		4.953475	
835.531965	75.217136	6856.330			
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FRAME	ELEMENT	INTERNAL			
FORCES					
COMB	CAR	-----	MIN		
REL_DIST	M2	P	V2	V3	
0.00000	-5.406452	-545.100468		-5.279883	
-714.976453	-66.190906	-789.604614			
0.25000	-5.804732	-520.438985		-5.279883	
-720.460465	-66.976678	-893.742146			
0.50000	-6.228995	-496.816888		-5.279883	
-725.944476	-69.311603	-998.320491			
0.75000	-6.676557	-474.336898		-5.279883	
-731.428488	-72.470142	-1102.600			
1.00000	-7.140059	-453.153041		-5.279883	
-736.912499	-75.930841	-1206.826			
COMB	DESIGN	-----	MAX		
REL_DIST	M2	P	V2	V3	
0.00000	16.681250	187.928695		4.953475	
851.671879	64.642472	5262.545			
0.25000	16.042955	204.882353		4.953475	
835.571379	65.368772	5698.685			
0.50000	15.426235	226.867293		4.953475	
835.556897	68.036097	6114.226			
0.75000	14.835841	255.871653		4.953475	
835.543726	71.421827	6504.241			
1.00000	14.275636	285.036179		4.953475	
835.531965	75.217136	6856.330			
COMB	DESIGN	-----	MIN		
REL_DIST	M2	P	V2	V3	
0.00000	-5.406452	-545.100468		-5.279883	
-714.976453	-66.190906	-789.604614			
0.25000	-5.804732	-520.438985		-5.279883	
-720.460465	-66.976678	-893.742146			
0.50000	-6.228995	-496.816888		-5.279883	
-725.944476	-69.311603	-998.320491			
0.75000	-6.676557	-474.336898		-5.279883	
-731.428488	-72.470142	-1102.600			
1.00000	-7.140059	-453.153041		-5.279883	
-736.912499	-75.930841	-1206.826			
ELEM	4	-----	LENGTH =		
5.010115					
COMB	DB-G1-1	-----	MAX		
REL_DIST	M2	P	V2	V3	
0.00000	7.966702	155.814048		3.031960	
46.189470	4.990977	3222.609			
0.25000	7.477243	175.401956		3.031960	
46.189470	4.773036	3338.287			
0.50000	6.990980	195.518908		3.031960	
46.189470	4.650553	341.621			
0.75000	6.517279	215.950192		3.031960	
46.189470	4.614948	3464.626			
1.00000	6.061348	236.323870		3.031960	
46.189470	4.608814	3478.378			
COMB	DB-G1-1	-----	MIN		
REL_DIST	M2	P	V2	V3	
0.00000	-3.400044	-281.994236		-3.330154	
-327.975982	-62.205222	-342.886128			
0.25000	-3.855324	-261.889553		-3.330154	
-327.975982	-60.305369	-371.185240			
0.50000	-4.328975	-242.130414		-3.330154	
-327.975982	-58.850839	-399.444352			
0.75000	-4.814999	-223.475787		-3.330154	
-327.975982	-58.177901	-227.723464			
1.00000	-5.304517	-204.851683		-3.330154	
-327.975982	-58.456648	-456.002576			
COMB	DB-G1-2	-----	MAX		
REL_DIST	M2	P	V2	V3	
0.00000	12.831463	241.837406		3.979605	
215.096859	8.978083	5485.632			
0.25000	12.171636	267.634960		3.979605	
215.096859	8.980483	5641.376			
0.50000	11.527718	294.093270		3.979605	
215.096859	9.091789	5775.223			
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FRAME		ELEMENT		INTERNAL	
FORCES					
REL	DIST	P	V2	V3	
T	M2	M3			
0.75000	10.900313	320.973032		3.997605	
215.096859	9.300390	5892.547			
1.00000	10.295318	346.266998		3.997605	
215.096859	9.538161	5984.330			
COMB DB-G1-2		-----		MIN	
REL	DIST	P	V2	V3	
T	M2	M3			
0.00000	-4.964160	-443.714797		-4.388569	
-520.458094	-80.037170	-646.542142			
0.25000	-5.567778	-416.761144		-4.388569	
-520.458094	-77.721446	-700.940019			
0.50000	-6.194410	-390.690023		-4.388569	
-520.458094	-76.058787	-755.378977			
0.75000	-6.837229	-365.512167		-4.388569	
-520.458094	-75.371982	-809.735774			
1.00000	-7.496807	-341.455370		-4.388569	
-525.343329	-75.748743	-864.133652			
COMB DB-G1-3		-----		MAX	
REL	DIST	P	V2	V3	
T	M2	M3			
0.00000	13.798046	240.400001		5.726344	
447.748505	47.300916	6305.802			
0.25000	13.213002	263.298963		5.726344	
447.748505	45.783855	6488.511			
0.50000	12.641583	286.785969		5.726344	
447.748505	44.702725	6659.987			
0.75000	12.084823	310.646754		5.726344	
447.748505	44.172423	6826.593			
1.00000	11.547997	334.854398		5.726344	
447.748505	44.429490	6975.275			
COMB DB-G1-3		-----		MIN	
REL	DIST	P	V2	V3	
T	M2	M3			
0.00000	-5.068895	-462.216797		-5.998738	
-537.688966	-77.349633	-865.868339			
0.25000	-5.604520	-438.312324		-5.998738	
-537.688966	-75.149090	-940.457632			
0.50000	-6.160824	-415.172069		-5.998738	
-537.688966	-68.633331	-1015.047			
0.75000	-6.731101	-392.825108		-5.998738	
-537.688966	-73.183815	-1089.636			
1.00000	-7.315938	-371.475252		-5.998738	
-537.937623	-73.657785	-1164.226			
COMB DB-G2-1		-----		MAX	
REL	DIST	P	V2	V3	
T	M2	M3			
0.00000	2.519600	26.305093		3.340837	
332.977237	61.965851	1452.988			
0.25000	2.511527	26.595718		3.340837	
332.048210	59.736349	1512.977			
0.50000	2.504117	26.893047		3.340837	
331.240315	58.225010	1576.257			
0.75000	2.496888	27.195305		3.340837	
330.477280	57.570350	1641.592			
1.00000	2.489888	27.522505		3.340837	
329.769840	57.828128	1709.183			
COMB DB-G2-1		-----		MIN	
REL	DIST	P	V2	V3	
T	M2	M3			
0.00000	-0.649178	-69.601065		-3.264458	
-56.912948	-5.649377	-339.318087			
0.25000	-0.656140	-69.276711		-3.264458	
-57.663457	-5.159828	-370.357749			
0.50000	-0.663331	-68.980934		-3.264458	
-58.444773	-4.783647	-401.397410			
0.75000	-0.670697	-68.694767		-3.264458	
-59.251370	-4.508893	-432.437072			
1.00000	-0.678755	-68.419949		-3.264458	
-60.181227	-4.284542	-463.476734			
COMB DB-G2-2		-----		MAX	
REL	DIST	P	V2	V3	
T	M2	M3			
0.00000	5.843020	78.370887		4.354686	
569.150712	77.960254	3349.171			
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FRAME		ELEMENT		INTERNAL	
FORCES					
REL	DIST	P	V2	V3	
T	M2	M3			
0.25000	5.842721	78.381654		4.354686	
569.116256	75.563667	3429.507			
0.50000	5.842446	78.392669		4.354686	
569.086295	73.922198	3539.752			
0.75000	5.842170	78.403866		4.354686	
569.057961	73.319147	3684.056			
1.00000	5.841919	78.415990		4.354686	
569.031723	73.902707	3851.282			
COMB DB-G2-2		-----		MIN	
REL	DIST	P	V2	V3	
T	M2	M3			
0.00000	-1.577564	-171.211815		-4.242842	
-236.618740	-13.432356	-642.166488			
0.25000	-1.577822	-171.199797		-4.242842	
-236.646575	-13.426538	-699.815840			
0.50000	-1.578089	-171.188839		-4.242842	
-236.675551	-13.591731	-757.465191			
0.75000	-1.578361	-171.178238		-4.242842	
-236.705464	-13.854429	-815.114543			
1.00000	-1.578660	-171.180506		-4.242842	
-236.739951	-14.223084	-872.763894			
COMB DB-G2-3		-----		MAX	
REL	DIST	P	V2	V3	
T	M2	M3			
0.00000	11.804632	190.719266		5.872985	
630.354773	72.608202	5540.604			
0.25000	11.359637	207.416616		5.872985	
593.303221	70.697378	5708.444			
0.50000	10.938433	224.523857		5.872985	
572.717672	69.463129	5875.594			
0.75000	10.527818	241.904667		5.872985	
559.076275	69.173535	6046.691			
1.00000	10.131081	260.128345		5.872985	
559.076275	69.965992	6210.722			
COMB DB-G2-3		-----		MIN	
REL	DIST	P	V2	V3	
T	M2	M3			
0.00000	-3.940063	-384.381655		-6.028509	
-377.940761	-53.426544	-864.389300			
0.25000	-4.353531	-366.354724		-6.028509	

1.00000	-8.461870	-371.472522	-6.028509	
-588.699954	-83.844894	-1629.384		
COMB DESIGN				MAX
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
705.449435	14.65769	241.837406	5.872985	
0.25000	81.753616	6855.541		
682.791616	13.817691	267.634960	5.872985	
0.50000	81.202646	7117.342		
661.400565	13.304861	294.093270	5.872985	
0.75000	81.243153	7354.966		
641.771463	12.755578	320.973032	5.872985	
0.00000	81.857167	7571.339		
641.308485	12.232953	348.256993	5.872985	
0.00000	83.083861	7756.369		
COMB DESIGN				MIN
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
-570.462266	-6.675083	-462.216797	-6.028509	
0.25000	-83.268353	-1206.717		
-575.021688	-7.086300	-438.312324	-6.028509	
0.50000	-82.651828	-1312.155		
-579.581110	-7.523363	-415.172069	-6.028509	
0.75000	-82.509745	-1417.838		
-584.140532	-7.983410	-392.825108	-6.028509	
1.00000	-82.938757	-1523.706		
-588.699954	-8.461870	-371.472522	-6.028509	
0.00000	-83.844894	-1629.384		
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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	5	LENGTH =		
5.009182				
COMB DB-G1-1				MAX
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
118.602766	7.451418	186.810703	3.070366	
0.25000	14.256971	9477.907		
118.602766	6.961025	205.463378	3.070366	
0.50000	3.723819	3522.544		
118.602766	6.471436	224.723309	3.070366	
0.75000	3.335117	3534.695		
118.602766	5.992435	244.379959	3.070366	
0.00000	3.071029	3515.057		
118.602766	5.926440	264.065936	3.070366	
0.25000	2.857854	3473.538		
COMB DB-G1-1				MIN
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
-230.632094	-4.039607	-254.425068	-3.978952	
0.25000	-63.402473	-455.865837		
-230.632094	-4.485172	-234.897951	-3.978952	
0.50000	-60.620268	-454.675341		
-230.632094	-5.254746	-513.484844	-3.978952	
0.75000	-5.432379	-196.947141		
-230.632094	-57.394451	-542.294348	-3.978952	
1.00000	-5.919427	-179.11713		
-230.632094	-57.342675	-571.103851		
COMB DB-G1-2				MAX
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
258.772926	11.782552	299.551804	4.074514	
0.25000	8.369398	5983.93		
258.772926	8.410670	6014.273	4.074514	
0.50000	10.473457	349.614263	4.074514	
258.772926	8.158519	6022.197		
0.75000	9.938128	375.55285	4.074514	
258.772926	8.919354	6019.196		
1.00000	9.232202	402.008215	4.074514	
258.772926	8.667194	6005.441		
COMB DB-G1-2				MIN
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
-402.487651	-6.157069	-392.208356	-5.151706	
0.25000	-83.027764	-863.951080		
-402.487651	-6.749766	-365.950403	-5.151706	
0.50000	-80.000823	-918.976726		
-402.487651	-7.398439	-340.474842	-5.151706	
0.75000	-77.759709	-974.002361		
-402.487651	-80.066484	-315.804098	-5.151706	
1.00000	-76.615406	-1029.028		
-404.527417	-86.64483	-292.184549	-5.151706	
0.00000	-76.681086	-1408.054		
COMB DB-G1-3				MAX
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
428.010326	12.298925	301.400176	6.202714	
0.25000	7.832889	6975.262		
425.804843	11.703511	323.276409	6.202714	
0.50000	45.419369	7002.247		
425.804843	11.127319	345.832096	6.202714	
0.75000	43.603040	7015.649		
425.804843	10.563566	368.954468	6.202714	
0.00000	42.450665	7027.894		
425.804843	10.017962	392.314520	6.202714	
0.25000	42.583213	7038.734		
COMB DB-G1-3				MIN
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
-487.221248	-6.182956	-394.393890	-6.668089	
0.25000	-80.140669	-1164.144		
-487.221248	-6.708088	-371.109204	-6.668089	
0.50000	-77.191027	-1238.944		
-487.221248	-7.257767	-348.499250	-6.668089	
0.75000	-75.037732	-1313.745		
-487.221248	-7.823930	-326.604282	-6.668089	
1.00000	-84.072092	-1388.546		
-487.221248	-7.409209	-305.644126	-6.668089	
0.00000	-74.092099	-1463.346		
COMB DB-G2-1				MAX
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
384.705107	-7.742572	-345.120373	-4.639906	
0.25000	-8.229374	-321.573606		
387.232808	-8.9597005	-1283.478	-4.639906	

224.778597	1.842072	26.762363	4.021426	
0.25000	63.123844	1709.666		
223.841381	8.83913	27.043487	4.021426	
0.50000	60.201605	1717.925		
223.024821	1.826398	27.332389	4.021426	
0.75000	58.125782	1730.763		
222.237682	1.819043	27.627279	4.021426	
1.00000	57.064000	1746.707		
221.486255	1.811895	27.947649	4.021426	
	56.985459	1766.778		
COMB DB-G2-1				MIN
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
-96.678273	-0.756359	-44.158540	-3.285553	
0.25000	-4.106243	-463.628843		
-97.420936	-0.763274	-43.839881	-3.285553	
0.50000	-3.255293	-494.099313		
-98.200860	-0.770451	-44.949086	-3.285553	
0.75000	-2.583376	-524.569784		
-99.011856	-0.777837	-43.287045	-3.285553	
1.00000	-2.061824	-555.040254	-3.285553	
-99.946686	-0.785944	-42.995680		
	-1.670896	-585.510725		
COMB DB-G2-2				MAX
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
443.519432	4.591806	101.023549	5.158995	
0.25000	4.591504	101.033964	5.158995	
443.454672	4.591226	101.044667	5.158995	
0.50000	4.591226	101.044667	5.158995	
443.454389	75.008193	3835.516	5.158995	
0.75000	4.590953	101.055592	5.158995	
443.425197	73.855457	3877.962	5.158995	
1.00000	4.590688	101.067463	5.158995	
443.397327	74.039917	3947.665		
COMB DB-G2-2				MIN
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
-307.815229	-1.955421	-122.321976	-4.273261	
0.25000	-14.084921	-872.922906		
-307.842774	-1.955677	-122.310168	-4.273261	
0.50000	-13.714497	-929.892986		
-307.867169	-1.955943	-122.299399	-4.273261	
0.75000	-1.956217	-966.863085		
-307.901775	-1.956517	-1043.833	-4.273261	
1.00000	-1.956517	-122.278892		
-307.936447	-1.956517	-1100.803		
COMB DB-G2-3				MAX
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
573.858347	75.899236	6211.214	6.669298	
0.25000	9.766691	252.90314	6.669298	
536.646885	73.251430	6223.260	6.669298	
0.50000	9.360999	269.427103	6.669298	
502.954247	71.420292	6245.645	6.669298	
0.75000	8.944183	266.292924	6.669298	
470.493086	70.665147	6270.415	6.669298	
1.00000	8.540033	304.042574	6.669298	
448.719652	71.110806	6300.899		
COMB DB-G2-3				MIN
REL_DIST	T	P	V2	V3
0.00000	M2	M3		
-378.306381	-4.828426	-317.418230	-6.402166	
0.25000	-54.252488	-1167.832		
-378.306381	-5.254746	-513.484844	-6.402166	
0.50000	-60.620268	-454.675341		
-378.306381	-5.254746	-513.484844	-6.402166	
0.75000	-5.432379	-196.947141		
-378.306381	-57.394451	-542.294348	-6.402166	
1.00000	-5.919427	-179.11713		
-378.306381	-57.342675	-571.103851		
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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	V2	V3
0.00000	M2	M3		
-410.671229	-6.661473	-296.063686	-6.402166	
0.25000	-5.218274	-299.781858		
-409.600343	-51.600210	-1243.400	-6.402166	
0.50000	-5.625003	-283.184628		
-443.230281	-49.801644	-1318.969	-6.402166	
0.75000	-6.043563	-267.09365		
-478.38493	-6.578715	-194.5157	-6.402166	
1.00000	-6.488888	-251.664536		
-518.350239	-48.218361	-1470.106		
COMB DL-G1-1				MAX
REL_DIST	T	P	V2	V3
0.00000	M3	M1		
135.029723	4.254912	3680.910	2.850445	
0.25000	7.048638	182.655993	2.850445	
135.955462	3.854578	3747.177	2.850445	
0.50000	6.578715	192.602306	2.850445	
136.084227	3.566878	3780.925	2.850445	
0.75000	6.122340	217.196627	2.850445	
136.084227	3.359823	3782.059	2.850445	
0.50000	5.689951	235.413481	2.850445	
136.084227	3.219194	3750.924		
COMB DL-G1-1				MIN
REL_DIST	T	P	V2	V3
0.00000	M3	M1		
234.761007	-4.901395	-218.501791	-3.450090	
0.25000	-66.354400	-636.756029	-3.450090	
-237.637756	-66.770801	-676.981250	-3.450090	
0.50000	-67.079373	-183.231959	-3.450090	
-234.717531	-65.507822	-717.305898	-3.450090	
0.75000	-6.087780	-166.712479	-3.450090	
-232.69009	-67.748918	-758.202498	-3.450090	
0.50000	-65.04642	-151.132539	-3.450090	
-228.620019	-62.548229	-798.613742		
COMB DL-G1-2				MAX
REL_DIST	T	P	V2	V3
0.00000	M3	M1		
195.189010	12.661898	6425.3845	4.051495	
0.25000	12.615031	302.406174	4.051495	
232.232810	12.615391	6506.577	4.051495	
0.50000	11.143306	324.524992	4.051495	
230.948366	12.736079	6556.662	4.051495	
0.75000	9.929140	347.520231	4.051495	
230.894831	13.058369	6582.719	4.051495	
1.00000	9.363923	371.368920	4.051495	
230.894831	13.577332	6578.211		
COMB DL-G1-2				MIN
REL_DIST	T	P	V2	V3
0.00000	M3	M1		
-394.705107	-7.925172	-345.120373	-4.639906	
0.25000	-8.893734	-321.573606	-4.639906	
-397.232808	-8.299505	-1283.748		

0.75000	-6.008533	-170.786351	-4.038603
-139.233048	-56.000323	-662.862870	
1.00000	-4.968995	-153.219410	-4.038603
-139.233048	-56.072701	-692.827170	
COMB DB-G1-2 ----- MAX			
REL_DIST	M2	P	V2
0.00000	10.429690	353.136757	4.257604
382.523688	8.639687	6005.478	
0.25000	9.761941	377.287621	4.257604
378.359292	9.045393	5941.361	
0.50000	9.106831	402.268046	4.257604
378.359292	9.478585	5956.597	
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FRAME	ELEMENT	INTERNAL	
REL_DIST	M2	P	V2
0.75000	8.465987	427.840220	4.257604
378.359292	9.926024	5763.104	
1.00000	7.846507	453.991459	4.257604
378.359292	10.398448	5650.047	
COMB DB-G1-2 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-7.305878	-342.817068	-5.183637
-294.595494	-83.713283	-1083.862	
0.25000	-7.897261	-316.822918	-5.183637
-294.595494	-80.581387	-1140.862	
0.50000	-8.516386	-291.606256	-5.183637
-294.595494	-78.308928	-1197.861	
0.75000	-9.156694	-267.221144	-5.183637
-294.595494	-77.213199	-1254.861	
1.00000	-9.818599	-243.947786	-5.183637
-294.595095	-77.414444	-1311.861	
COMB DB-G1-3 ----- MAX			
REL_DIST	M2	P	V2
0.00000	10.467844	374.193268	6.407835
472.372003	46.656178	7038.749	
0.25000	9.875817	395.626247	6.407835
472.372003	44.961490	6938.615	
0.50000	9.294502	417.797248	6.407835
472.372003	43.690308	6827.477	
0.75000	8.725951	440.493490	6.407835
472.372003	43.09106	6718.957	
1.00000	8.176209	463.683739	6.407835
472.372003	43.309129	6602.279	
COMB DB-G1-3 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-7.278513	-331.755373	-6.746112
-455.618156	-80.289360	-1463.247	
0.25000	-7.703191	-308.704529	-6.746112
-455.618156	-77.262074	-1538.803	
0.50000	-8.352547	-286.324983	-6.746112
-455.618156	-75.200874	-1614.359	
0.75000	-8.920717	-264.683511	-6.746112
-455.618156	-74.333932	-1689.915	
1.00000	-9.807191	-244.000703	-6.746112
-455.618156	-74.748658	-1765.471	
COMB DB-G2-1 ----- MAX			
REL_DIST	M2	P	V2
0.00000	1.143733	55.954505	4.091959
124.272305	62.397003	1766.768	
0.25000	1.135523	56.230716	4.091959
123.322592	59.408825	1727.453	
0.50000	1.127949	56.515334	4.091959
122.492935	57.305943	1692.177	
0.75000	1.120533	56.806541	4.091959
121.689565	56.291200	1661.773	
1.00000	1.113331	57.123724	4.091959
120.919134	56.347993	1636.751	
COMB DB-G2-1 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.958049	-23.128979	-3.392669
-209.026729	-1.396364	-585.656189	
0.25000	-0.964958	-22.813221	-3.392669
-209.776719	-0.915322	-614.460928	
0.50000	-0.972144	-22.525336	-3.392669
-210.566100	-0.947881	-643.265668	
0.75000	-0.979557	-22.246387	-3.392669
-211.388538	-0.996712	-672.070407	
1.00000	-0.992759	-21.978606	-3.392669
-212.334164	-1.033900	-700.875146	
COMB DB-G2-2 ----- MAX			
REL_DIST	M2	P	V2
0.00000	3.230144	156.017861	5.256787
323.594325	80.859722	3947.796	
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FRAME	ELEMENT	INTERNAL	
REL_DIST	M2	P	V2
0.00000	3.229840	156.028094	5.256787
323.559102	77.545238	3630.619	
0.50000	3.225593	156.038639	5.256787
323.528334	74.180455	3740.165	
0.75000	3.229284	156.049427	5.256787
323.498540	74.076258	3691.083	
1.00000	3.229018	156.061180	5.256787
323.469696	74.403952	3671.004	
COMB DB-G2-2 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-2.590955	-80.049210	-4.379051
-437.385483	-13.422268	-1100.942	
0.25000	-2.590851	-80.037510	-4.379051
-437.413300	-12.999552	-1155.950	
0.50000	-2.591118	-80.026845	-4.379051
-437.442575	-12.967716	-1201.959	
0.75000	-2.591392	-80.016510	-4.379051
-437.473075	-13.285106	-1265.967	
1.00000	-2.591694	-80.006588	-4.379051
-437.508147	-13.970452	-1320.975	
COMB DB-G2-3 ----- MAX			

REL_DIST	M2	P	V2
0.00000	8.410925	309.935126	6.872746
522.992056	77.171438	6300.766	
0.25000	7.959468	325.682140	6.872746
482.397398	74.452222	6192.807	
0.50000	7.529990	341.942499	6.872746
445.932439	72.585179	6083.991	
0.75000	7.109951	358.583310	6.872746
412.970751	71.877377	5982.713	
1.00000	6.702464	376.142975	6.872746
380.495891	72.448227	5893.940	
COMB DB-G2-3 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-5.912221	-257.053925	-6.494566
-448.890668	-53.295004	-1470.132	
0.25000	-6.301863	-239.586349	-6.494566
-477.674242	-50.638060	-1544.963	
0.50000	-6.708553	-223.156620	-6.494566
-504.412135	-49.127969	-1619.793	
0.75000	-7.128601	-207.252691	-6.494566
-538.559205	-48.528850	-1694.624	
1.00000	-7.576257	-192.033011	-6.494566
-576.603728	-48.665844	-1769.454	
COMB DL-G1-1 ----- MAX			
REL_DIST	M2	P	V2
0.00000	6.846527	198.731963	2.814377
236.612752	3.087009	3750.852	
0.25000	6.385648	215.692701	2.814377
239.661764	2.769215	3750.282	
0.50000	5.937452	233.494906	2.814377
242.711009	2.700616	3717.736	
0.75000	5.506526	252.063881	2.814377
245.333172	2.827433	3652.213	
1.00000	5.097009	271.201275	2.814377
247.008147	3.003957	3555.811	
COMB DL-G1-1 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-5.753892	-189.014837	-3.844016
-127.385604	-69.688526	-798.430404	
0.25000	-6.148558	-172.155849	-3.844016
-127.385604	-67.606488	-840.919443	
0.50000	-6.567751	-156.894386	-3.844016
-127.385604	-65.924205	-884.007975	
0.75000	-7.007585	-140.408216	-3.844016
-126.958755	-64.798009	-926.814087	
1.00000	-7.463952	-125.816107	-3.844016
-125.584718	-64.263648	-969.377626	
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FRAME	ELEMENT	INTERNAL	
REL_DIST	M2	P	V2
0.00000	10.355246	341.796938	3.997702
423.748914	13.529095	6578.104	
0.25000	9.749744	363.874913	3.997702
487.564975	14.112141	654.8191	
0.50000	9.162335	387.056565	3.997702
413.013809	14.749968	6461.765	
0.75000	8.598381	411.297579	3.997702
409.315639	15.397478	6365.002	
1.00000	8.062901	436.313728	3.997702
407.346346	16.062565	6238.339	
COMB DL-G1-2 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-9.228635	-291.54112	-5.081433
-273.119511	-95.806481	-1515.192	
0.25000	-9.744291	-268.979731	-5.081433
-273.119511	-93.709555	-1594.960	
0.50000	-10.292348	-247.651412	-5.081433
-273.352285	-92.155037	-1674.413	
0.75000	-10.868471	-227.362862	-5.081433
-275.130053	-91.216231	-1754.492	
1.00000	-11.467289	-208.263209	-5.081433
-278.652655	-90.816590	-1834.056	
COMB DL-G1-3 ----- MAX			
REL_DIST	M2	P	V2
0.00000	10.501251	382.630559	6.102605
502.101979	57.056746	7994.709	
0.25000	9.962125	402.295370	6.102605
487.543397	46.144159	7923.313	
0.50000	9.439071	422.950393	6.102605
493.114891	55.646266	7828.894	
0.75000	8.936866	444.531461	6.102605
489.967532	55.415514	7717.952	
1.00000	8.459993	466.809505	6.102605
488.343078	55.518573	7584.374	
COMB DL-G1-3 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-9.774433	-288.454721	-6.445465
-442.981648	-91.724565	-2040.690	
0.25000	-10.233658	-268.711515	-6.445465
-442.981648	-89.736201	-2146.151	
0.50000	-10.721718	-249.720427	-6.445465
-443.111725	-88.422047	-2251.301	
0.75000	-11.234745	-231.653903	-6.445465
-444.522948	-87.792970	-2357.083	
1.00000	-11.767945	-214.645789	-6.445465
-447.457024	-87.729900	-2462.356	
COMB DL-G2-1 ----- MAX			
REL_DIST	M2	P	V2
0.00000	1.452584	80.403121	3.945012
111.262574	70.662539	2326.259	
0.25000	1.445246	80.681318	3.945012
110.542224	68.470378	2296.411	
0.50000	1.438173	80.934176	3.945012
109.854464	66.686552	2267.566	
0.75000	1.431430	81.220803	3.945012
109.208063	65.460056	2238.863	
1.00000	1.425071	81.518700	3.945012
108.611066	64.821157	2212.823	
COMB DL-G2-1 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-1.796250	-27.007624	-3.000833
-237.492422	-1.614413	-82.1146785	
0.25000	-1.802361	-26.738389	-3.000833
-238.064054	-1.159777	-86.1648201	
0.50000	-1.808904	-26.480935	-3.000833

-238.868649		-1.172337		-902.213318		
0.750000		-1.815812		-26.237381		-3.000833
-239.352713		-1.224741		-942.712714		
1.000000		-1.823033		-26.009370		-3.000833
-240.053005		-1.284941		-983.168583		
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FRAME		ELEMENT		INTERNAL		
COMB DL-G2-2						MAX
REL_DIST		P		V2		V3
T		M2		M3		
0.00000		3.525636		196.616509		5.270260
315.204171		94.275952		4693.543		
0.25000		3.525464		196.622539		5.270260
315.187128		92.070458		4807.359		
0.50000		3.525299		196.628890		5.270260
315.170854		90.418987		4735.422		
0.75000		3.525142		196.635573		5.270260
315.155558		89.454406		4685.063		
1.00000		3.524994		196.642520		5.270260
315.141423		89.220608		4649.055		
COMB DL-G2-2						MIN
REL_DIST		P		V2		V3
T		M2		M3		
0.00000		-2.793331		-84.621664		-4.047028
-462.316682		-1.612885		-154.035		
0.25000		-2.794743		-84.615383		-4.047028
-462.330237		-1.694824		-1619.280		
0.50000		-2.792626		-84.609377		-4.047028
-462.344995		-17.105331		-1696.495		
0.75000		-2.797877		-84.603066		-4.047028
-462.360769		-17.761722		-1773.710		
1.00000		-2.779955		-84.598379		-4.047028
-462.377359		-18.719426		-1850.817		
COMB DL-G2-3						MAX
REL_DIST		P		V2		V3
T		M2		M3		
0.00000		8.480882		334.214012		6.685283
513.241708		90.081006		7355.017		
0.25000		8.083262		348.462992		6.685283
495.878568		89.418836		7278.209		
0.50000		7.698558		363.69642		6.685283
495.873361		82.262982		7188.221		
0.75000		7.330626		379.196398		6.685283
495.439271		86.750705		7091.970		
1.00000		6.982521		395.485872		6.685283
413.137807		86.937906		6992.580		
COMB DL-G2-3						MIN
REL_DIST		P		V2		V3
T		M2		M3		
0.00000		-8.142102		-229.146950		-6.115200
495.632479		-62.723882		-2501.863		
0.25000		-8.546529		-214.569485		-6.115200
495.975219		-61.260403		-2156.412		
0.50000		-8.903785		-200.581517		-6.115200
518.535965		-60.306929		-2261.221		
0.75000		-9.280179		-187.325095		-6.115200
-542.872266		-59.961471		-2365.823		
1.00000		-9.672266		-174.875973		-6.115200
-568.485002		-59.915109		-2470.274		
COMB DB						MAX
REL_DIST		P		V2		V3
T		M2		M3		
0.00000		10.467844		374.193268		6.872746
-462.992056		80.859722		7038.749		
0.25000		9.875817		395.626247		6.872746
-495.973798		89.418836		7278.209		
0.50000		9.294502		417.792748		6.872746
-472.372003		75.180455		6827.477		
0.75000		8.725851		440.493490		6.872746
-472.372003		74.076258		678.95739		
1.00000		8.176209		469.683739		6.872746
-472.372003		74.043952		6602.279		
COMB DB						MIN
REL_DIST		P		V2		V3
T		M2		M3		
0.00000		-7.305879		-342.817068		-6.746112
-565.618156		-83.713283		-1470.132		
0.25000		-7.897261		-316.822918		-6.746112
-517.674242		-80.581387		-1544.963		
0.50000		-8.516328		-291.606258		-6.746112
-504.412135		-78.380928		-1616.973		
0.75000		-9.156667		-267.221144		-6.746112
-538.559205		-77.213199		-249.3204		
1.00000		-9.818599		-234.037063		-6.746112
-576.603728		-77.014444		-1769.454		
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FRAME		ELEMENT		INTERNAL		
COMB DL						MAX
REL_DIST		P		V2		V3
T		M2		M3		
0.00000		10.501251		382.630559		6.685283
513.241708		94.275952		7994.703		
0.25000		9.962125		402.295370		6.685283
497.543397		92.070458		7923.313		
0.50000		9.439071		422.950393		6.685283
503.9114891		90.418987		7828.894		
0.75000		9.829586		444.314161		6.685283
489.975219		89.454406		7717.952		
1.00000		8.459993		467.809505		6.685283
488.343078		89.220608		7584.374		
COMB DL						MIN
REL_DIST		P		V2		V3
T		M2		M3		
0.00000		-9.774433		-291.154112		-6.445465
495.632479		-95.064811		-2501.863		
0.25000		10.233658		-268.979731		-6.445465
495.975219		-83.709555		-2156.412		
0.50000		-10.721178		-249.720042		-6.445465
518.535965		-92.155037		-2261.221		
0.75000		-11.234745		-231.653903		-6.445465
-542.872266		-91.216231		-2365.823		
1.00000		-11.767945		-214.645789		-6.445465
-568.485002		-90.816590		-2470.274		
COMB CAR						MAX
REL_DIST		P		V2		V3
T		M2		M3		
0.00000		10.501251		382.630559		6.872746
-462.992056		94.275952		7994.703		
0.25000		9.962125		402.295370		6.872746

1.00000	2.138571	249.703713	7.150421	
163.683355	63.445417	2227.527		
COMB DB-G2-2				MIN
REL_DIST	P	M2	M3	V2
T				
0.00000	-4.972931	-34.113056		-2.300792
-643.986443	-23.045400	-1522.271		
0.25000	-4.973192	-34.101670		-2.300792
-644.014008	-25.949753	-1563.604		
0.50000	-4.973465	-34.091469		-2.300792
-644.043216	-28.873840	-1604.937		
0.75000	-4.973746	-34.081671		-2.300792
-644.074945	-31.834445	-1646.271		
1.00000	-4.974055	-34.072365		-2.300792
-644.112201	-34.804090	-1687.604		
COMB DB-G2-3				MAX
REL_DIST	P	M2	M3	V2
T				
0.00000	6.001224	423.668991		7.768012
465.157383	67.373592	5008.787		
0.25000	5.543310	458.897497		7.768012
422.348857	73.029582	4673.726		
0.50000	5.111638	474.653656		7.768012
384.149672	69.047560	4346.509		
0.75000	4.692374	490.780111		7.768012
352.147754	66.931113	4040.269		
1.00000	4.290106	507.848075		7.768012
330.238564	64.631410	3755.902		
COMB DB-G2-3				MIN
REL_DIST	P	M2	M3	V2
T				
0.00000	-8.304678	-169.317423		-5.352582
-504.942354	-61.341450	-2061.292		
0.25000	-9.473835	-152.477134		-5.352582
-611.645580	-60.819585	-2131.229		
0.50000	-10.248662	-136.861794		-5.352582
-633.421022	-61.177604	-2201.176		
0.75000	-10.767980	-121.900974		-5.352582
-655.405564	-62.206293	-1271.220		
1.00000	-11.134017	-107.767232		-5.352582
-685.563234	-63.659977	-2341.265		
COMB DL-G1-1				MAX
REL_DIST	P	M2	M3	V2
T				
0.00000	5.451466	289.180182		1.273750
446.967974	8.917464	3086.657		
0.25000	5.049512	308.31205		1.273750
450.017165	11.257568	2943.209		
0.50000	4.660234	327.936207		1.273750
453.066356	13.664379	2769.721		
0.75000	4.289423	348.393242		1.273750
456.115546	16.110221	2565.994		
1.00000	3.942048	369.286240		1.273750
459.164737	18.652978	2332.688		
COMB DL-G1-1				MIN
REL_DIST	P	M2	M3	V2
T				
0.00000	-8.330437	-133.548196		-6.698084
-13.753465	-58.773842	-119.130448		-6.698084
0.25000	-8.789675	-119.130448		-6.698084
-13.753465	-58.773842	-119.130448		-6.698084
0.50000	-9.274565	-105.289100		-6.698084
-13.753465	-58.773842	-119.130448		-6.698084
0.75000	-9.779567	-92.204829		-6.698084
-13.753465	-58.773842	-119.130448		-6.698084
1.00000	-10.286668	-80.139917		-6.698084
-13.753465	-54.743788	-139.5157		
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FRAME ELEMENT INTERNAL FORCES				
COMB DL-G1-2				MAX
REL_DIST	P	M2	M3	V2
T				
0.00000	7.667223	500.597787		2.280045
676.460337	92.979588	6538.329		
0.25000	7.135049	525.184627		2.280045
670.976076	26.782506	5108.520		
0.50000	6.621049	550.919746		2.280045
665.491815	30.366195	4781.805		
0.75000	6.131645	577.555098		2.280045
660.007554	44.807250	4430.444		
1.00000	5.673843	604.830423		2.280045
654.523293	38.175715	4066.523		
COMB DL-G1-2				MIN
REL_DIST	P	M2	M3	V2
T				
0.00000	-13.605349	-197.854190		-8.315969
-180.247311	-93.812134	-2175.676		
0.25000	-14.020370	-178.716067		-8.315969
-180.247311	-86.122513	-2273.932		
0.50000	-14.837080	-160.368552		-8.315969
-180.247311	-83.058349	-2371.951		
0.75000	-15.497568	-143.043554		-8.315969
-180.247311	-78.780399	-2470.122		
1.00000	-16.780922	-127.064310		-8.315969
-180.247311	-75.175972	-2568.141		
COMB DL-G1-3				MAX
REL_DIST	P	M2	M3	V2
T				
0.00000	7.555038	580.688120		6.312412
658.672369	94.802370	6538.329		
0.25000	7.081341	602.590226		6.312412
654.113520	63.431901	6157.045		
0.50000	6.623791	625.513766		6.312412
649.554670	63.496341	5747.319		
0.75000	6.188286	649.237259		6.312412
644.958281	63.914851	5323.535		
1.00000	5.780548	673.528644		6.312412
640.436971	64.975447	4883.921		
COMB DL-G1-3				MIN
REL_DIST	P	M2	M3	V2
T				
0.00000	-15.201725	-186.521059		-8.341092
-501.634036	-94.287229	-2936.113		
0.25000	-15.734797	-169.487678		-8.341092
-501.634036	-90.674220	-3099.139		
0.50000	-16.298647	-153.157078		-8.341092
-501.634036	-87.672533	-3213.023		
0.75000	-16.868628	-137.736039		-8.341092
-501.634036	-85.429596	-3327.064		
1.00000	-17.492792	-123.512926		-8.341092
-501.634036	-84.055538	-3440.959		
COMB DL-G2-1				MAX
REL_DIST	P	M2	M3	V2
T				
0.00000	7.555038	580.688120		6.312412
658.672369	94.802370	6538.329		
0.25000	7.081341	602.590226		6.312412
654.113520	63.431901	6157.045		
0.50000	6.623791	625.513766		6.312412
649.554670	63.496341	5747.319		
0.75000	6.188286	649.237259		6.312412
644.958281	63.914851	5323.535		
1.00000	5.780548	673.528644		6.312412
640.436971	64.975447	4883.921		
COMB DL-G2-1				MIN
REL_DIST	P	M2	M3	V2
T				
0.00000	-15.201725	-186.521059		-8.341092
-501.634036	-94.287229	-2936.113		
0.25000	-15.734797	-169.487678		-8.341092
-501.634036	-90.674220	-3099.139		
0.50000	-16.298647	-153.157078		-8.341092
-501.634036	-87.672533	-3213.023		
0.75000	-16.868628	-137.736039		-8.341092
-501.634036	-85.429596	-3327.064		
1.00000	-17.492792	-123.512926		-8.341092
-501.634036	-84.055538	-3440.959		
COMB DL-G2-2				MAX
REL_DIST	P	M2	M3	V2
T				
0.00000	7.555038	580.688120		6.312412
658.672369	94.802370	6538.329		
0.25000	7.081341	602.590226		6.312412
654.113520	63.431901	6157.045		
0.50000	6.623791	625.513766		6.312412
649.554670	63.496341	5747.319		
0.75000	6.188286	649.237259		6.312412
644.958281	63.914851	5323.535		
1.00000	5.780548	673.528644		6.312412
640.436971	64.975447	4883.921		
COMB DL-G2-2				MIN
REL_DIST	P	M2	M3	V2
T				
0.00000	-15.201725	-186.521059		-8.341092
-501.634036	-94.287229	-2936.113		
0.25000	-15.734797	-169.487678		-8.341092
-501.634036	-90.674220	-3099.139		
0.50000	-16.298647	-153.157078		-8.341092
-501.634036	-87.672533	-3213.023		
0.75000	-16.868628	-137.736039		-8.341092
-501.634036	-85.429596	-3327.064		
1.00000	-17.492792	-123.512926		-8.341092
-501.634036	-84.055538	-3440.959		
COMB DL-G2-3				MAX
REL_DIST	P	M2	M3	V2
T				
0.00000	7.555038	580.688120		6.312412
658.672369	94.802370	6538.329		
0.25000	7.081341	602.590226		6.312412
654.113520	63.431901	6157.045		
0.50000	6.623791	625.513766		6.312412
649.554670	63.496341	5747.319		
0.75000	6.188286	649.237259		6.312412
644.958281	63.914851	5323.535		
1.00000	5.780548	673.528644		6.312412
640.436971	64.975447	4883.921		
COMB DL-G2-3				MIN
REL_DIST	P	M2	M3	V2
T				
0.00000	-15.201725	-186.521059		-8.341092
-501.634036	-94.287229	-2936.113		
0.25000	-15.734797	-169.487678		-8.341092
-501.634036	-90.674220	-3099.139		
0.50000	-16.298647	-153.157078		-8.341092
-501.634036	-87.672533	-3213.023		
0.75000	-16.868628	-137.736039		-8.341092
-501.634036	-85.429596	-3327.064		
1.00000	-17.492792	-123.512926		-8.341092
-501.634036	-84.055538	-3440.959		

0.00000	1.228244	142.200316	6.912700	
15.822477	65.735970	1881.084		
0.25000	12.221618	142.484212	6.912700	
15.036523	60.180453	175.05		
0.50000	1.215257	142.784002	6.912700	
14.277476	54.945764	1624.434		
0.75000	1.209236	143.096758	6.912700	
13.560712	50.301527	1497.789		
1.00000	1.203623	143.419627	6.912700	
12.995970	46.380984	1373.021		
COMB DL-G2-1				MIN
REL_DIST	P	M2	M3	V2
T				
0.00000	-3.465205	-10.878298		-1.339586
-481.016549	-6.124600	-1124.932		
0.25000	-3.472247	-10.637793		-1.339586
-481.567972	-8.452152	-1150.158		
0.50000	-3.479741	-10.408252		-1.339586
-482.177964	-10.871164	-1175.439		
0.75000	-3.487622	-10.192149		-1.339586
-482.838269	-13.353896	-1200.756		
1.00000	-3.495819	-9.993219		-1.339586
-483.538792	-15.946012	-1226.047		
Program	SAP2000	Nonlinear	Version	7.42
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FRAME ELEMENT INTERNAL FORCES				
COMB DL-G2-2				MAX
REL_DIST	P	M2	M3	V2
T				
0.00000	2.186830	323.163285		8.804

[illegible]

[illegible]

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

REL_DIST	M2	M3	V2	V3
0.00000	-12.946278	-85.339946		-2.718325
-941.784155	-110.386459	-3571.714		
0.25000	-12.946489	-85.335708		-2.718325
-941.796962	-113.853512	-3891.124		
0.50000	-12.946707	-85.331822		-2.718325
-941.816270	-118.146586	-4249.163		
0.75000	-12.946931	-85.328336		-2.718325
-941.833778	-123.288989	-4640.832		
1.00000	-12.947158	-85.325268		-2.718325
-941.851988	-128.798932	-5038.565		

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

REL_DIST	M2	M3	V2	V3
0.00000	6.419058	808.676925		8.226603
875.557057	78.504970	1508.474		
0.25000	6.210267	827.799594		8.226603
843.951911	77.443416	1344.912		
0.50000	6.165113	847.452031		8.226603
814.322969	79.080197	1254.827		
0.75000	6.137800	867.478209		8.226603
797.089827	81.956669	1206.113		
1.00000	6.126977	887.716235		8.226603
791.876829	85.499128	1223.178		
Program	SAP2000	Nonlinear	Version	7.42
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	M2	M3	V2	V3
0.00000	-23.605324	-120.003080		-5.900817
-1003.014	-119.083068	-5817.468		
0.25000	-24.121216	-111.155185		-5.900817
-1009.232	-120.641926	-6504.312		
0.50000	-24.635326	-103.051530		-5.900817
-1035.191	-123.412513	-7259.907		
0.75000	-25.169944	-95.820991		-5.900817
-1062.808	-127.433687	-9890.157		
1.00000	-25.712129	-89.532907		-5.900817
-1091.600	-132.204009	-8941.307		

COMB DB ----- MAX

REL_DIST	M2	M3	V2	V3
0.00000	4.184084	732.188330		8.265109
733.559502	62.563726	1147.306		
0.25000	4.184084	752.484116		8.265109
733.559502	63.189656	920.731300		
0.50000	4.184084	772.956051		8.265109
733.559502	63.956927	946.058224		
0.75000	4.184084	793.321835		8.265109
733.559502	64.889412	971.404022		
1.00000	4.184084	813.577700		8.265109
733.559502	65.924916	996.749821		

COMB DB ----- MIN

REL_DIST	M2	M3	V2	V3
0.00000	-18.741224	-100.053355		-6.978653
-770.244039	-86.687431	-3295.478		
0.25000	-19.295257	-86.043341		-6.978653
-770.244039	-86.687431	-3295.478		
0.50000	-19.857767	-76.099142		-6.978653
-770.244039	-85.869326	-64.318.375		
0.75000	-20.420616	-68.788804		-6.978653
-91.816250	-85.751620	-61.9343		
1.00000	-20.983987	-65.922443		-6.978653
-824.354050	-86.220222	-4493.738		

COMB DL ----- MAX

REL_DIST	M2	M3	V2	V3
0.00000	6.419058	994.038340		8.226603
971.131224	106.523820	1636.342		
0.25000	6.210267	1021.204		8.226603
966.572528	109.569326	1430.984		
0.50000	6.165113	1049.009		8.226603
962.013832	113.660055	1306.696		
0.75000	6.137800	1077.282		8.226603
957.902440	118.340335	1247.209		
1.00000	6.126977	1105.782		8.226603
955.644801	123.368122	1266.473		

COMB DL ----- MIN

REL_DIST	M2	M3	V2	V3
0.00000	-28.293088	-120.003080		-7.671194
-1003.014	-119.083068	-5817.468		
0.25000	-29.003380	-111.155185		-7.671194
-1009.232	-120.641926	-7567.027		
0.50000	-29.733607	-103.051530		-7.671194
-1035.191	-123.412513	-8546.979		
0.75000	-30.478117	-95.820991		-7.671194
-1062.808	-127.433687	-9890.157		
1.00000	-31.231961	-89.532907		-7.671194
-1091.600	-132.204009	-10749.459		

COMB CAR ----- MAX

REL_DIST	M2	M3	V2	V3
0.00000	6.419058	994.038340		8.265109
971.131224	106.523820	1636.342		
0.25000	6.210267	1021.204		8.265109
966.572528	109.569326	1430.984		
0.50000	6.165113	1049.009		8.265109
962.013832	113.660055	1306.696		
0.75000	6.137800	1077.282		8.265109
957.902440	118.340335	1247.209		
1.00000	6.126977	1105.782		8.265109
955.644801	123.368122	1266.473		
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL_DIST	M2	M3	V2	V3
0.00000	-28.293088	-120.003080		-7.671194
-1003.014	-119.083068	-5817.468		
0.25000	-29.003380	-111.155185		-7.671194
-1009.232	-120.641926	-7567.027		
0.50000	-29.733607	-103.051530		-7.671194
-1035.191	-123.412513	-8546.979		
0.75000	-30.478117	-95.820991		-7.671194
-1062.808	-127.433687	-9890.157		
1.00000	-31.231961	-89.532907		-7.671194

-1091.600 -132.204009 -10749.459

COMB DESIGN ----- MAX

REL_DIST	M2	M3	V2	V3
0.00000	6.419058	994.038340		8.265109
971.131224	106.523820	1636.342		
0.25000	6.210267	1021.204		8.265109
966.572528	109.569326	1430.984		
0.50000	6.165113	1049.009		8.265109
962.013832	113.660055	1306.696		
0.75000	6.137800	1077.282		8.265109
957.902440	118.340335	1247.209		
1.00000	6.126977	1105.782		8.265109
955.644801	123.368122	1266.473		

COMB DESIGN ----- MIN

REL_DIST	M2	M3	V2	V3
0.00000	-28.293088	-120.003080		-7.671194
-1003.014	-119.083068	-5817.468		
0.25000	-29.003380	-111.155185		-7.671194
-1009.232	-120.641926	-7567.027		
0.50000	-29.733607	-103.051530		-7.671194
-1035.191	-123.412513	-8546.979		
0.75000	-30.478117	-95.820991		-7.671194
-1062.808	-127.433687	-9890.157		
1.00000	-31.231961	-89.532907		-7.671194
-1091.600	-132.204009	-10749.459		

ELEM 12 ===== LENGTH = 5.008695

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

REL_DIST	M2	M3	V2	V3
0.00000	12.431546	34.317242		4.708552
251.020829	44.302284	425.526142		
0.25000	11.912550	34.317242		4.708552
251.020829	42.834772	382.554993		
0.50000	11.379881	34.317242		4.708552
251.020829	41.437139	339.553814		
0.75000	10.842758	34.317242		4.708552
251.020829	40.194056	476.754196		
1.00000	10.307204	37.274657		4.708552
251.020829	39.124002	740.224076		

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

REL_DIST	M2	M3	V2	V3
0.00000	-0.909379	-487.708149		-1.301830
-414.246637	-8.296296	-2421.732		
0.25000	-0.909379	-468.936272		-1.301830
-414.246637	-7.784236	-2283.828		
0.50000	-0.909379	-449.729035		-1.301830
-414.246637	-7.279826	-2145.928		
0.75000	-0.909379	-430.476415		-1.301830
-414.246637	-6.807241	-2008.359		
1.00000	-1.006595	-411.429832		-1.301830
-414.246637	-6.340166	-1870.899		

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

REL_DIST	M2	M3	V2	V3
0.00000	19.110077	62.682063		6.556986
460.816640	68.557194	775.735102		
0.25000	18.426560	62.682063		6.556986
460.816640	65.388401	697.246270		
0.50000	17.738190	62.682063		6.556986
460.816640	62.357689	618.754437		
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	M2	M3	V2	V3
0.00000	17.044824	62.682063		6.556986
460.816640	59.433077	780.660481		
0.25000	16.353261	76.049034		6.556986
460.816640	56.822867	1239.799		

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

REL_DIST	M2	M3	V2	V3
0.00000	-1.557784	-761.422387		-2.644455
-599.852008	-31.408397	-4000.167		
0.25000	-1.557784	-736.074419		-2.644455
-599.852008	-30.150885	-3803.989		
0.50000	-1.557784	-710.698777		-2.644455
-599.852008	-28.893658	-3607.990		
0.75000	-1.557784	-685.288872		-2.644455
-599.852008	-27.637317	-3412.314		
1.00000	-2.107367	-680.129810		-2.644455
-599.852008	-29.098989	-3216.639		

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

REL_DIST	M2	M3	V2	V3
0.00000	20.346689	60.980804		6.692299
731.249458	71.342476	996.773824		
0.25000	19.739970	60.980804		6.692299
731.249458	67.844008	895.734919		
0.50000	19.128387	60.980804		6.692299
731.249458	64.475253	794.696014		
0.75000	18.512330	60.980804		6.692299
731.249458	61.204453	906.905323		
1.00000	17.897887	92.153780		6.692299
731.249458	58.232454	1305.863		

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

REL_DIST	M2	M3	V2	V3
0.00000	-3.432510	-789.613395		-5.706702
-743.673498	-62.406534	-4493.513		
0.25000	-3.432510	-767.140493		-5.706702
-743.673498	-58.410972	-4326.021		
0.50000	-3.432510	-744.618960		-5.706702
-743.673498	-54.766529	-4159.225		
0.75000	-3.432510	-722.066380		-5.706702
-743.673498	-51.839290	-3993.027		
1.00000	-3.902710	-699.737330		-5.706702
-743.673498	-52.260851	-3827.167		

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

424.981807	3.716985	43.564317	1.584807
424.981807	4.994943	211.697409	

REL_DIST	P	V2	V3
0.00000	-4.291039 -789.613395	-7.403417	
-743.673498	-91.073967 -4493.513		
0.25000	-4.291039 -767.140043	-7.403417	
-743.673498	-84.243314 -4326.022		
0.50000	-4.370899 -744.618960	-7.403417	
-743.673498	-79.248197 -4159.225		
0.75000	-4.718085 -722.068307	-7.403417	
-743.673498	-75.336062 -3993.027		
1.00000	-5.116199 -699.737330	-7.403417	
-743.673498	-73.018526 -3827.167		
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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
0.00000	28.475217 147.056150	8.341907	
1066.048	133.933340 1266.511		
0.25000	27.718756 147.911164	8.341907	
1037.170	126.743297 1155.527		
0.50000	26.971949 155.793264	8.341907	
1009.821	119.832857 1180.827		
0.75000	26.240322 164.527330	8.341907	
984.439775	113.450417 1282.917		
1.00000	25.528457 173.997728	8.341907	
979.500926	107.680363 1464.146		
COMB	DL	MIN	
REL_DIST	P	V2	V3
0.00000	-6.683544 -1075.673	-8.716360	
-959.309183	-144.791683 -10749.833		
0.25000	-6.683630 -1046.303	-8.716360	
-961.621579	-135.883992 -9682.772		
0.50000	-6.804323 -1017.323	-8.716360	
-965.776070	-127.588036 -8690.219		
0.75000	-7.035925 -988.942293	-8.716360	
-970.334199	-119.962161 -792.867		
1.00000	-7.287726 -961.369691	-8.716360	
-974.892328	-113.664093 -6982.166		
COMB	CAR	MAX	
REL_DIST	P	V2	V3
0.00000	28.475217 147.056150	8.341907	
1066.048	133.933340 1266.511		
0.25000	27.718756 147.911164	8.341907	
1037.170	126.743297 1155.527		
0.50000	26.971949 155.793264	8.341907	
1009.821	119.832857 1180.827		
0.75000	26.240322 164.527330	8.341907	
984.439775	113.450417 1282.917		
1.00000	25.528457 173.997728	8.341907	
979.500926	107.680363 1464.146		
COMB	CAR	MIN	
REL_DIST	P	V2	V3
0.00000	-6.683544 -1075.673	-8.716360	
-959.309183	-144.791683 -10749.833		
0.25000	-6.683630 -1046.303	-8.716360	
-961.621579	-135.883992 -9682.772		
0.50000	-6.804323 -1017.323	-8.716360	
-965.776070	-127.588036 -8690.219		
0.75000	-7.035925 -988.942293	-8.716360	
-970.334199	-119.962161 -792.867		
1.00000	-7.287726 -961.369691	-8.716360	
-974.892328	-113.664093 -6982.166		
COMB	DESIGN	MAX	
REL_DIST	P	V2	V3
0.00000	28.475217 147.056150	8.341907	
1066.048	133.933340 1266.511		
0.25000	27.718756 147.911164	8.341907	
1037.170	126.743297 1155.527		
0.50000	26.971949 155.793264	8.341907	
1009.821	119.832857 1180.827		
0.75000	26.240322 164.527330	8.341907	
984.439775	113.450417 1282.917		
1.00000	25.528457 173.997728	8.341907	
979.500926	107.680363 1464.146		
COMB	DESIGN	MIN	
REL_DIST	P	V2	V3
0.00000	-6.683544 -1075.673	-8.716360	
-959.309183	-144.791683 -10749.833		
0.25000	-6.683630 -1046.303	-8.716360	
-961.621579	-135.883992 -9682.772		
0.50000	-6.804323 -1017.323	-8.716360	
-965.776070	-127.588036 -8690.219		
0.75000	-7.035925 -988.942293	-8.716360	
-970.334199	-119.962161 -792.867		
1.00000	-7.287726 -961.369691	-8.716360	
-974.892328	-113.664093 -6982.166		
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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 13 ===== LENGTH = 5.009155			
COMB	DB-G1-1	MAX	
REL_DIST	P	V2	V3
0.00000	10.627274 33.623749	6.058459	
152.993667	41.949794 739.510819		
0.25000	10.084879 48.981566	6.058459	
152.993667	38.988824 997.478087		
0.50000	9.588407 65.213481	6.058459	
152.993667	35.888407 122.9811		
0.75000	8.981661 82.30106	6.058459	
152.993667	32.956760 1436.356		
1.00000	8.435554 101.447372	6.058459	
152.993667	30.062025 1617.439		
COMB	DB-G1-1	MIN	
REL_DIST	P	V2	V3
0.00000	-1.107183 -418.150612	-0.411877	
-446.358153	-6.987478 -1870.249		
0.25000	-1.322359 -398.788636	-0.411877	
-446.358153	-6.515341 -1764.431		
0.50000	-1.768577 -379.277357	-0.411877	
-446.358153	-9.136199 -1658.614		
0.75000	-2.242204 -359.953832	-0.411877	

-446.358153	-13.770600	-1552.953	
1.00000	-2.767234 -341.062526	-0.411877	
-446.358153	-19.333583 -1447.873		
COMB	DB-G1-2	MAX	
REL_DIST	P	V2	V3
0.00000	16.766768 64.198094	7.974307	
346.030461	59.971072 1230.316		
0.25000	16.056227 84.609713	7.974307	
346.030461	56.023217 1614.203		
0.50000	15.346156 106.141266	7.974307	
346.030461	52.150986 1985.453		
0.75000	14.636291 129.304098	7.974307	
346.030461	48.305262 2355.566		
1.00000	13.933101 154.709286	7.974307	
346.030461	44.555245 2715.005		
COMB	DB-G1-2	MIN	
REL_DIST	P	V2	V3
0.00000	-1.828727 -661.573164	-1.106210	
-627.848387	-28.920926 -3216.041		
0.25000	-2.373656 -635.661503	-1.106210	
-627.848387	-30.440042 -3057.650		
0.50000	-2.951784 -610.019326	-1.106210	
-627.848387	-32.784159 -2899.259		
0.75000	-3.584332 -584.632327	-1.106210	
-627.848387	-36.351574 -2741.286		
1.00000	-4.273338 -559.766701	-1.106210	
-627.848387	-41.299770 -2563.788		
COMB	DB-G1-3	MAX	
REL_DIST	P	V2	V3
0.00000	18.586043 82.609671	7.586808	
174.74239	61.840339 1305.416		
0.25000	17.965176 100.719969	7.586808	
648.174239	57.628631 1683.968		
0.50000	17.334196 119.825717	7.586808	
648.174239	53.686890 2107.659		
0.75000	16.703381 140.370071	7.586808	
648.174239	49.769398 2546.967		
1.00000	16.078520 162.900700	7.586808	
648.174239	49.062308 2985.033		
COMB	DB-G1-3	MIN	
REL_DIST	P	V2	V3
0.00000	-3.877541 -700.088833	-5.018179	
-700.219759	-53.234741 -3827.066		
0.25000	-4.350268 -677.106038	-5.018179	
-700.219759	-52.761081 -3677.434		
0.50000	-4.863843 -654.342177	-5.018179	
-700.219759	-53.093115 -3528.241		
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REL_DIST	P	V2	V3
0.75000	-5.424946 -631.804993	-5.018179	
-700.219759	-54.566551 -3379.531		
1.00000	-6.036641 -609.732632	-5.018179	
-700.219759	-57.364245 -3231.277		
COMB	DB-G2-1	MAX	
REL_DIST	P	V2	V3
0.00000	4.370088 29.544580	0.251731	
458.830319	5.980898 211.626663		
0.25000	4.362211 29.782010	0.251731	
457.833052	7.121098 257.416799		
0.50000	4.354855 30.031406	0.251731	
456.981203	10.357899 350.431036		
0.75000	4.347515 30.307270	0.251731	
456.166108	14.587924 453.893486		
1.00000	4.340241 30.614295	0.251731	
455.371754	19.765400 564.586319		
COMB	DB-G2-1	MIN	
REL_DIST	P	V2	V3
0.00000	-3.320251 -107.632976	-6.265596	
-160.597296	-37.626921 -1001.210		
0.25000	-3.326123 -107.323156	-6.265596	
-161.420921	-34.791007 -1007.194		
0.50000	-3.332744 -107.036370	-6.265596	
-162.275139	-31.993822 -1013.543		
0.75000	-3.339687 -106.752208	-6.265596	
-163.159327	-29.290957 -1020.114		
1.00000	-3.347375 -106.472609	-6.265596	
-164.163282	-26.650437 -1027.515		
COMB	DB-G2-2	MAX	
REL_DIST	P	V2	V3
0.00000	8.790014 56.784524	1.247154	
742.331594	20.773408 566.141660		
0.25000	8.789722 56.793321	1.247154	
742.296413	19.904965 674.093024		
0.50000	8.789450 56.802561	1.247154	
742.262982	20.907226 878.550332		
0.75000	8.789176 56.812782	1.247154	
742.232758	25.735670 1132.827		
1.00000	8.788909 56.824158	1.247154	
742.203301	31.600321 1420.695		
COMB	DB-G2-2	MIN	
REL_DIST	P	V2	V3
0.00000	-4.563545 -273.943320	-8.216947	
-351.957615	-64.112586 -2189.813		
0.25000	-4.563627 -273.931841	-8.216947	
-341.988154	-59.858696 -2163.486		
0.50000	-4.564008 -273.921457	-8.216947	
-342.019826	-55.639537 -2127.414		
0.75000	-4.564265 -273.910689	-8.216947	
-342.052609	-51.628249 -2112.062		
1.00000	-4.564549 -273.900331	-8.216947	
-342.089838	-47.955526 -2087.171		
COMB	DB-G2-3	MAX	
REL_DIST	P	V2	V3
0.00000	16.227058 83.000420	4.814855	
776.963013	42.470623 1108.822		
0.25000	15.770626 96.422454	4.814855	
750.884368	39.935559 1404.044		
0.50000	15.328899 110.551516	4.814855	
750.884368	39.268482 1765.758		
0.75000	14.867711 125.905965	4.814855	
750.884368	41.834954 2152.355		
1.00000	14.450620 142.989442	4.814855	
750.884368	45.349617 2548.969		

COMB DB-G2-3 ----- MIN									
REL_DIST		P		V2		V3			
0.00000		-5.066538		-576.924333		-7.894938			
-527.767566		-75.824233		-3432.637					
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REL_DIST		P		V2		V3			
T		M2		M3					
0.25000		-5.409904		-559.656139		-7.894938			
-527.767566		-71.740715		-3333.828					
0.50000		-5.780662		-543.1152		-7.894938			
-554.990709		-68.170202		-3235.386					
-584.334343		-65.500942		-526.732127		-7.894938			
1.00000		-63.637567		-510.625404		-7.894938			
-622.067493		-63.634610		-3620.816					
COMB DL-G1-1 ----- MAX									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		13.341338		62.226013		8.45846			
236.220093		80.963442		770.422649					
0.25000		12.721198		71.875698		8.45846			
236.220093		72.847966		892.408131					
0.50000		12.124083		82.500581		8.45846			
236.220093		65.296877		1020.056					
0.75000		11.535699		94.015529		8.45846			
236.220093		58.406897		115.8005					
1.00000		10.966482		106.251430		8.45846			
236.220093		52.127643		1284.193					
COMB DL-G1-1 ----- MIN									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		-1.930906		-526.799978		-0.48781			
-580.159054		-9.724659		-502.666					
0.25000		-1.456068		-503.351730		-0.48781			
-577.110081		-10.632413		-3087.804					
0.50000		-1.747429		-480.252275		-0.48781			
-574.061108		-12.827860		-2417.133					
0.75000		-2.064655		-457.908745		-0.48781			
-571.012135		-16.120925		-2383.287					
1.00000		-2.404527		-436.104744		-0.48781			
-567.963162		-20.012015		-2092.281					
COMB DL-G1-2 ----- MAX									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		21.357101		110.592521		10.91909			
445.243286		112.871251		1313.958					
0.25000		20.571259		123.547972		10.91909			
445.243286		102.705932		1473.976					
0.50000		19.800758		137.803336		10.91909			
445.243286		93.211108		1670.130					
0.75000		19.050670		153.261084		10.91909			
445.243286		84.379323		1908.986					
1.00000		18.244443		169.708117		10.91909			
445.243286		76.263845		2173.851					
COMB DL-G1-2 ----- MIN									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		-2.502804		-843.680380		-1.64713			
-78.119573		-38.848381		-5933.728					
0.25000		-2.852463		-813.409008		-1.64713			
-783.630443		-38.741465		-5259.868					
0.50000		-3.239190		-783.703224		-1.64713			
-789.086881		-39.656044		-4659.371					
0.75000		-3.680098		-754.932029		-1.64713			
-794.571182		-4.751547		-430.853					
1.00000		-4.110999		-726.933005		-1.64713			
-800.055052		-44.933320		-3674.788					
COMB DL-G1-3 ----- MAX									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		24.986225		136.720358		10.36192			
821.876456		112.020786		1464.223					
0.25000		24.259190		148.24066		10.36192			
-209.932767		-81.092000		-628.119					
0.50000		23.585988		160.928540		10.36192			
821.876456		93.725209		1860.377					
0.75000		22.930627		174.880458		10.36192			
821.876456		86.208007		2151.157					
1.00000		22.263227		169.311752		10.36192			
821.876456		78.112247		2485.269					
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REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		-5.442163		-908.407637		-6.88057			
-905.374243		-86.553712		-6982.893					
0.25000		-5.753340		-881.435368		-6.88057			
-260.04180		-81.092000		-628.119					
0.50000		-6.097544		-854.965776		-6.88057			
-914.492700		-76.945729		-5664.945					
0.75000		-6.472127		-829.239405		-6.88057			
-919.049816		-74.375130		-5132.798					
1.00000		-6.873463		-804.380351		-6.88057			
-923.608340		-73.312058		-4663.231					
COMB DL-G2-1 ----- MAX									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		7.276556		52.121822		0.30485			
602.369479		9.228291		334.631621					
0.25000		7.064072		52.387165		0.30485			
601.689272		10.616434		362.491195					
0.50000		7.055682		51.730442		0.30485			
601.040025		12.798284		418.278379					
0.75000		6.850258		52.774787		0.30485			
600.430330		16.139889		495.853379					
1.00000		7.039702		52.990448		0.30485			
599.867333		20.506054		591.348325					
COMB DL-G2-1 ----- MIN									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		-4.901572		-150.797786		-8.42352			
-259.570208		-7.765145		-160.486					
0.25000		-4.905382		-150.459884		-8.42352			
-260.04180		-8.025868		-1508.431					
0.50000		-4.910844		-150.121069		-8.42352			
-260.891960		-6.314953		-1438.022					

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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	M2	P	M3	V2 V3
T	M2	M3		
0.00000	-7.153499	-908.407637		-11.149242
-905.374243	-120.917132	-6982.893		
0.25000	-7.387819	-881.435368		-11.149242
-909.932767	-11.1229729	-6291.119		
0.50000	-7.646578	-854.965776		-11.149242
-914.492709	-102.547150	-5664.945		
0.75000	-7.927938	-829.239405		-11.149242
-919.049816	-95.104547	-5132.798		
1.00000	-8.229424	-804.380451		-11.149242
-923.608340	-88.796049	-4683.231		
COMB DESIGN MAX				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	24.986225	136.720358		10.919094
1005.430	112.781251	1464.223		
0.25000	24.285980	148.246064		10.919094
981.491641	102.705932	1683.968		
0.50000	23.599199	160.928540		10.919094
958.907545	93.725209	2107.659		
0.75000	22.930621	174.680458		10.919094
948.455553	86.208007	2546.967		
1.00000	22.283227	189.311772		10.919094
945.773592	81.171227	2985.033		
COMB DESIGN MIN				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	-7.153499	-908.407637		-11.149242
-905.374243	-120.917132	-6982.893		
0.25000	-7.387819	-881.435368		-11.149242
-909.932767	-11.1229729	-6291.119		
0.50000	-7.646578	-854.965776		-11.149242
-914.492709	-102.547150	-5664.945		
0.75000	-7.927938	-829.239405		-11.149242
-919.049816	-95.104547	-5132.798		
1.00000	-8.229424	-804.380451		-11.149242
-923.608340	-88.796049	-4683.231		
ELEM 14 LENGTH = 5.009649				
COMB DB-G1-1 MAX				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	9.080227	80.689780		6.072051
68.223245	32.467171	1616.552		
0.25000	8.524744	97.587852		6.072051
68.223245	29.310729	1803.903		
0.50000	7.959905	115.460535		6.072051
68.223245	26.189361	1966.829		
0.75000	7.396413	134.119347		6.072051
68.223245	23.088452	2105.033		
1.00000	6.840874	153.186023		6.072051
68.223245	20.066371	2220.873		
COMB DB-G1-1 MIN				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	-2.185165	-366.252361		-0.370201
-413.128521	-2.1785139	-1447.535		
0.25000	-2.651118	-346.846369		-0.370201
-413.128521	-24.485190	-1368.222		
0.50000	-3.147287	-327.320927		-0.370201
-413.128521	-28.004233	-1288.910		
0.75000	-3.668962	-308.1091		-0.370201
-413.128521	-32.407640	-1209.806		
1.00000	-4.206827	-289.455255		-0.370201
-413.128521	-37.831879	-1130.754		
COMB DB-G1-2 MAX				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	14.652262	122.469070		7.928034
242.453776	47.246214	2714.250		
0.25000	13.923074	144.815651		7.928034
242.453776	43.268596	2985.114		
0.50000	13.194912	168.426438		7.928034
242.453776	39.291683	3253.423		
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COMB CAR MIN				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.75000	12.468359	193.091217		7.928034
242.453776	35.329506	3521.740		
1.00000	11.750910	218.775856		7.928034
242.453776	31.384058	3780.575		
COMB DB-G1-2 MIN				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	-3.418805	-581.974816		-1.183815
-587.439932	-46.177935	-2985.502		
0.25000	-4.020542	-555.875290		-1.183815
-587.439932	-47.608488	-2456.412		
0.50000	-4.660968	-530.164644		-1.183815
-587.439932	-49.909078	-2329.323		
0.75000	-5.347892	-504.829535		-1.183815
-587.439932	-53.444729	-2202.546		
1.00000	-6.042380	-480.170221		-1.183815
-588.808627	-58.051407	-2075.770		
COMB DB-G1-3 MAX				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	16.804599	135.041791		7.502943
531.216969	53.742938	2985.086		
0.25000	16.157240	154.873641		7.502943
531.216969	51.724284	3300.217		
0.50000	15.510226	175.828474		7.502943
531.216969	50.177681	3626.786		
0.75000	14.864647	197.718082		7.502943
531.216969	49.378053	3965.979		
1.00000	14.227207	220.492467		7.502943
531.216969	49.078367	4305.306		
COMB DB-G1-3 MIN				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	-5.477570	-617.347735		-5.021433
-605.499139	-63.089127	-3231.267		
0.25000	-6.012203	-594.202279		-5.021433
-605.499139	-62.354531	-3095.975		
0.50000	-6.581225	-571.380817		-5.021433

-605.499139	-62.511598	-2960.683		
0.75000	-7.179886	-548.893760		-5.021433
-605.499139	-63.661977	-2825.688		
1.00000	-7.808919	-527.003999		-5.021433
-605.499139	-65.859982	-2690.853		
COMB DB-G2-1 MAX				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	4.689268	30.687680		0.248162
421.463307	22.101248	565.682078		
0.25000	4.681123	30.943172		0.248162
420.474921	24.450230	653.962297		
0.50000	4.673540	31.212725		0.248162
419.646513	27.730085	748.909229		
0.75000	4.665966	31.494837		0.248162
418.841448	31.936743	849.775132		
1.00000	4.658457	31.808337		0.248162
418.058144	37.076380	954.411571		
COMB DB-G2-1 MIN				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	-3.605634	-98.842003		-6.321633
-71.04223	-29.723195	-1027.840		
0.25000	-3.611181	-98.526840		-6.321633
-72.573823	-25.738973	-1011.059		
0.50000	-3.618636	-98.235470		-6.321633
-73.368944	-22.767558	-994.349890		
0.75000	-3.625712	-97.948016		-6.321633
-74.240946	-19.815697	-977.844413		
1.00000	-3.633671	-97.655947		-6.321633
-75.231642	-16.908154	-961.343738		
COMB DB-G2-2 MAX				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	8.871614	58.526456		1.118810
690.290749	34.785048	1422.190		
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REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.25000	8.871312	58.535922		1.118810
690.254092	37.245222	1567.623		
0.50000	8.871031	58.545908		1.118810
690.223328	40.776802	1755.193		
0.75000	8.870751	58.556360		1.118810
690.193471	45.532240	1985.137		
1.00000	8.870473	58.567976		1.118810
690.164418	51.315832	2242.735		
COMB DB-G2-2 MIN				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	-4.969120	-245.114906		-8.261532
-234.076089	-51.018235	-2087.663		
0.25000	-4.969353	-245.103198		-8.261532
-234.104629	-46.458151	-2034.338		
0.50000	-4.969601	-245.092434		-8.261532
-234.134783	-41.931894	-1981.265		
0.75000	-4.969863	-245.081784		-8.261532
-234.168452	-37.431312	-1928.259		
1.00000	-4.970158	-245.071334		-8.261532
-234.203194	-32.958078	-1875.342		
COMB DB-G2-3 MAX				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	15.302147	116.579142		4.779462
714.398156	49.462366	2549.981		
0.25000	14.832016	131.149782		4.779462
691.313506	49.889476	2628.185		
0.50000	14.377951	146.533859		4.779462
670.066543	51.274142	3125.665		
0.75000	13.924648	162.618589		4.779462
664.485593	53.747332	3442.253		
1.00000	13.476287	179.919957		4.779462
664.485593	57.146448	3764.364		
COMB DB-G2-3 MIN				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	-6.231172	-514.028072		-8.033636
-408.744584	-70.486742	-3041.111		
0.25000	-6.607270	-496.528387		-8.033636
-432.327611	-66.464382	-2934.086		
0.50000	-7.007619	-479.859079		-8.033636
-461.645080	-63.220667	-2827.355		
0.75000	-7.429441	-463.401458		-8.033636
-499.701473	-60.487280	-2720.790		
1.00000	-7.887222	-447.321742		-8.033636
-542.327414	-58.011257	-2614.302		
COMB DL-G1-1 MAX				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	10.874275	90.905781		8.474967
123.280336	55.557804	1283.424		
0.25000	10.312043	102.525523		8.474967
123.280336	48.565408	1443.814		
0.50000	9.759522	115.351199		8.474967
123.280336	42.211534	1607.053		
0.75000	9.222115	128.662993		8.474967
123.280336	36.452736	1810.189		
1.00000	8.704930	142.880680		8.474967
123.280336	31.123763	2001.538		
COMB DL-G1-1 MIN				
REL_DIST	M2	P	M3	V2 V3
T	M2	M3		
0.00000	-2.077288	-429.625321		-0.461609
-520.273666	-23.000561	-2092.627		
0.25000	-2.396898	-407.961304		-0.461609
-508.073477	-25.345888	-1880.371		
0.50000	-2.746674	-386.718371		-0.461609
-514.175086	-28.712201	-1709.119		
0.75000	-3.123481	-366.903809		-0.461609
-511.125796	-33.170500	-1629.171		
0.00000	-3.523187	-346.274435		-0.461609
-508.075217	-38.450112	-1575.609		
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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	M2	P	M3	V2 V3
T	M2	M3		

0.25000 7.332021 134.367978 5.368575
42.546142 19.103537 2360.015
0.50000 6.730366 152.634886 5.368575
42.546142 16.604243 2475.485
0.75000 6.132514 171.735737 5.368575
42.546142 14.117374 2565.651
1.00000 5.546088 191.249475 5.368575
42.546142 11.644188 2631.217

COMB DB-G1-1 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 -3.296958 -327.793113 -1.468855
-341.369959 -41.455330 -170.633
0.25000 -3.792509 -307.964341 -1.468855
-341.369959 -42.510035 -1068.354
0.50000 -4.322111 -288.089163 -1.468855
-341.369959 -44.299424 -1006.076
0.75000 -4.879641 -268.618452 -1.468855
-341.369959 -47.108296 -943.797230
1.00000 -5.454937 -249.831206 -1.468855
-341.369959 -51.009236 -881.558622

COMB DB-G1-2 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 12.992063 181.025562 7.123690
217.763569 33.103481 3779.825
0.25000 12.212187 203.871341 7.123690
217.763569 29.905383 3972.472
0.50000 11.434948 228.061798 7.123690
217.763569 26.707434 4158.996
0.75000 10.622966 253.336723 7.123690
217.763569 23.509929 4343.865
1.00000 9.905210 279.664295 7.123690
217.763569 20.312674 4516.180

COMB DB-G1-2 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 -4.893931 -517.149301 -2.702645
-506.006669 -64.499331 -2075.711
0.25000 -5.425872 -490.425382 -2.702645
-506.006669 -64.008148 -1968.833
0.50000 -6.220342 -464.178937 -2.702645
-506.006669 -64.515552 -1861.955
0.75000 -6.940859 -438.467970 -2.702645
-506.006669 -66.193793 -1755.076
1.00000 -7.697734 -413.617378 -2.702645
-516.797603 -69.152513 -1648.258

COMB DB-G1-3 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 15.325587 189.232716 7.346432
460.181669 53.681316 4305.284
0.25000 14.633270 209.503678 7.346432
460.181669 51.151301 4526.180
0.50000 13.426241 230.704862 7.346432
460.181669 49.113472 4752.810
0.75000 13.256812 253.400492 7.346432
460.181669 47.838787 4989.504
1.00000 12.583577 276.743272 7.346432
460.181669 47.182304 5224.644

COMB DB-G1-3 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 -7.004224 -541.452821 -5.928040
-499.532253 -72.589253 -2690.911
0.25000 -7.574348 -517.757824 -5.928040
-499.532253 -70.420345 -2564.474
0.50000 -8.182608 -494.463018 -5.928040
-499.532253 -69.165373 -2438.037
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< MOVING 187 LOAD >
F R A M E E L E M E N T I N T E R N A L
REL_DIST M2 P V2 V3
T M2 M3
0.75000 -8.822752 -471.643791 -5.928040
-499.532253 -88.982569 -2311.001
1.00000 -9.494623 -449.589955 -5.928040
-504.925039 -69.952788 -2185.217

COMB DB-G2-1 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 4.857501 31.479359 1.526142
343.861106 40.706958 955.399281
0.25000 4.848747 31.744225 1.526142
342.859319 41.371740 1018.945
0.50000 4.840590 32.022804 1.526142
341.994836 43.021925 1088.058
0.75000 4.832501 32.312921 1.526142
341.194260 45.704638 1161.819
1.00000 4.824554 32.635899 1.526142
340.438481 49.446959 1238.767

COMB DB-G2-1 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 -3.893432 -80.445372 -5.627374
-51.433782 -18.354403 -961.462443
0.25000 -3.900223 -80.118682 -5.627374
-52.207316 -15.964459 -929.278339
0.50000 -3.907434 -79.819527 -5.627374
-53.024039 -13.587169 -897.222185
0.75000 -3.915010 -79.526438 -5.627374
-53.879862 -11.218904 -865.160303
1.00000 -3.923529 -79.242106 -5.627374
-54.876242 -8.861818 -833.110847

COMB DB-G2-2 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 8.756687 72.758470 2.499840
590.316554 56.046882 2244.118
0.25000 8.756363 72.768284 2.499840
590.279397 56.956821 2336.834
0.50000 8.756961 72.78604 2.499840
590.247336 57.891751 2466.214
0.75000 8.755761 72.789352 2.499840
590.217607 60.725013 2636.336
1.00000 8.755467 72.801320 2.499840
590.189574 64.768185 2834.077

COMB DB-G2-2 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 -5.728816 -203.39863 -7.423752
-202.000774 -35.251871 -1875.564
0.25000 -5.477067 -203.527758 -7.423752
-202.029465 -31.367639 -1804.288
0.50000 -5.477335 -203.516675 -7.423752
-202.059756 -27.492711 -1733.092

0.75000 -5.477615 -203.505817 -7.423752
-202.091462 -23.619818 -1661.896
1.00000 -5.477931 -203.495283 -7.423752
-202.128452 -19.774076 -1590.700

COMB DB-G2-3 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 14.444820 156.467455 5.678823
647.114470 62.158762 3765.286
0.25000 13.940817 171.466387 5.678823
612.214331 61.115774 3960.884
0.50000 13.454363 187.294254 5.678823
590.706849 60.101539 4169.847
0.75000 12.971596 203.805627 5.678823
576.755821 62.279151 4395.362
1.00000 12.497561 221.585651 5.678823
576.755821 64.546200 4624.945

COMB DB-G2-3 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 -7.379452 -447.535558 -7.981460
-343.279077 -64.980236 -2614.471
Program SAP2000 Nonlinear Version 7.42
File:2교부산방항S1-S403.OUT
< MOVING 188 LOAD >
F R A M E E L E M E N T I N T E R N A L
REL_DIST M2 P V2 V3
T M2 M3
0.25000 -7.702556 -429.520081 -7.981460
-375.662209 -60.750783 -2501.670
0.50000 -8.211778 -412.432806 -7.981460
-410.485268 -57.329881 -2388.945
0.75000 -8.663115 -395.698803 -7.981460
-447.298716 -54.466819 -2276.221
1.00000 -9.152993 -379.486277 -7.981460
-489.010299 -51.942196 -2163.543

COMB DL-G1-1 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 9.236680 116.995929 7.049381
60.922173 33.391854 200.2395
0.25000 8.699344 130.213422 7.049381
60.922173 28.706407 2202.511
0.50000 8.172445 144.476476 7.049381
60.922173 24.415036 2374.563
0.75000 7.682577 159.604923 7.049381
60.922173 20.424407 2515.567
1.00000 7.175629 175.398290 7.049381
60.922173 16.653114 2626.144

COMB DL-G1-1 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 -2.933454 -359.933718 -1.360353
-399.421517 -42.489222 -1575.536
0.25000 -3.311825 -339.412374 -1.360353
-396.372503 -44.221145 -1543.875
0.50000 -3.722944 -319.344409 -1.360353
-393.323489 -46.771176 -1511.998
0.75000 -4.162337 -299.925023 -1.360353
-390.274475 -50.177535 -1480.083
1.00000 -4.624877 -281.381674 -1.360353
-387.225461 -54.272775 -1448.177

COMB DL-G1-2 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 -4.977847 -587.541052 -2.768418
-580.057357 -67.685460 -2902.528
0.25000 -5.467498 -560.741277 -2.768418
-585.541301 -68.339723 -2856.575
0.50000 -5.999734 -534.578465 -2.768418
-591.025244 -69.926644 -2810.712
0.75000 -6.669146 -509.312373 -2.768418
-596.509187 -72.484337 -2764.566
1.00000 -7.169167 -485.218741 -2.768418
-604.179530 -75.825158 -2718.459

COMB DL-G1-3 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 15.276905 195.596916 9.261034
238.531055 51.590989 3458.517
0.25000 14.577769 213.026734 9.261034
238.531055 45.582923 3775.120
0.50000 13.893396 231.843581 9.261034
238.531055 40.021408 4064.571
0.75000 13.231791 251.827468 9.261034
238.531055 34.815286 4335.163
1.00000 12.600199 272.723689 9.261034
238.525158 29.902506 4573.594

COMB DL-G1-2 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 -4.977847 -587.541052 -2.768418
-580.057357 -67.685460 -2902.528
0.25000 -5.467498 -560.741277 -2.768418
-585.541301 -68.339723 -2856.575
0.50000 -5.999734 -534.578465 -2.768418
-591.025244 -69.926644 -2810.712
0.75000 -6.669146 -509.312373 -2.768418
-596.509187 -72.484337 -2764.566
1.00000 -7.169167 -485.218741 -2.768418
-604.179530 -75.825158 -2718.459

COMB DL-G1-3 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 19.368747 213.425980 9.329072
511.177812 72.779755 4096.440
0.25000 18.746018 228.942821 9.329072
511.177812 68.205842 4473.479
0.50000 18.136386 245.694179 9.329072
511.177812 64.460880 4830.838
0.75000 17.547048 263.483612 9.329072
511.177812 61.539984 5174.944
1.00000 16.984416 282.084038 9.329072
511.177812 59.352707 5491.983
Program SAP2000 Nonlinear Version 7.42
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< MOVING 189 LOAD >
F R A M E E L E M E N T I N T E R N A L
REL_DIST M2 P V2 V3
T M2 M3
0.00000 19.368747 213.425980 9.329072
511.177812 72.779755 4096.440
0.25000 18.746018 228.942821 9.329072
511.177812 68.205842 4473.479
0.50000 18.136386 245.694179 9.329072
511.177812 64.460880 4830.838
0.75000 17.547048 263.483612 9.329072
511.177812 61.539984 5174.944
1.00000 16.984416 282.084038 9.329072
511.177812 59.352707 5491.983
Program SAP2000 Nonlinear Version 7.42
File:2교부산방항S1-S403.OUT

COMB DL-G2-1 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 8.011795 -647.936702 -6.972011
-598.308909 -82.306786 -3882.295
0.25000 -8.448022 -624.069495 -6.972011
-602.867495 -79.820974 -3831.808
0.50000 -8.922189 -600.777824 -6.972011
-607.426080 -78.452293 -3781.099
0.75000 -9.429438 -578.263140 -6.972011
-611.984666 -78.220193 -3730.298
1.00000 -9.963942 -556.801724 -6.972011
-616.543251 -78.914776 -3628.315

COMB DL-G2-1 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 7.441344 43.477123 1.322220

412.724762 42.422200 1091.131
0.25000 7.433172 43.690757 1.322220
412.052024 43.902653 199.375
0.50000 7.425211 43.922365 1.322220
411.359656 46.212597 1309.078
0.75000 7.417548 44.169420 1.322220
410.739175 49.484785 1419.861
1.00000 7.410263 44.429243 1.322220
410.173165 53.514330 1530.862

COMB DL-G2-1 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 -5.192878 -131.076077 -7.147011
-73.090015 -30.568599 -1873.984
0.25000 -5.198477 -130.758108 -7.147011
-73.397353 -25.735303 -1381.663
0.50000 -5.204586 -130.449742 -7.147011
-74.444681 -21.321826 -1389.386
0.75000 -5.211148 -130.154027 -7.147011
-75.195613 -17.259466 -1397.130
1.00000 -5.218099 -129.874086 -7.147011
-75.981426 -13.459169 -1404.862

COMB DL-G2-2 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 12.901445 102.880683 2.588315
670.326639 62.024041 2370.409
0.25000 12.901254 102.885668 2.588315
670.310028 63.119599 2570.535
0.50000 12.901063 102.891073 2.588315
670.294223 65.215142 2786.028
0.75000 12.900890 102.896840 2.588315
670.279483 68.401007 3024.775
1.00000 12.900721 102.902905 2.588315
670.266030 72.524431 3273.152

COMB DL-G2-2 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 -7.444342 -301.785143 -9.496846
-246.494776 -51.640562 -2665.017
0.25000 -7.644473 -301.757729 -9.496846
-246.510132 -44.990928 -2665.500
0.50000 -7.644615 -301.750540 -9.496846
-246.526787 -38.862595 -2666.052
0.75000 -7.644769 -301.743647 -9.496846
-246.544528 -33.180564 -2666.586
1.00000 -7.644930 -301.737123 -9.496846
-246.563039 -27.918068 -2667.112

COMB DL-G2-3 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 18.787974 185.519827 6.750652
729.413614 77.211517 3699.351
0.25000 18.385693 197.033859 6.750652
753.768429 75.491134 4039.738
0.50000 17.896026 209.490246 6.750652
683.303464 74.879984 4369.246
0.75000 17.471426 222.747845 6.750652
662.621221 75.423000 4695.506
1.00000 17.066630 236.651553 6.750652
646.109137 75.468366 4930.838
Program SAP2000 Nonlinear Version 7.42
File:2교부산방항S1-S403.OUT
< MOVING 190 LOAD >
F R A M E E L E M E N T I N T E R N A L
REL_DIST M2 P V2 V3
T M2 M3
0.00000 18.787974 185.519827 6.750652
729.413614 77.211517 3699.351
0.25000 18.385693 197.033859 6.750652
753.768429 75.491134 4039.738
0.50000 17.896026 209.490246 6.750652
683.303464 74.879984 4369.246
0.75000 17.471426 222.747845 6.750652
662.621221 75.423000 4695.506
1.00000 17.066630 236.651553 6.750652
646.109137 75.468366 4930.838
Program SAP2000 Nonlinear Version 7.42
File:2교부산방항S1-S403.OUT

COMB DL-G2-3 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 18.787974 185.519827 6.750652
729.413614 77.211517 3699.351
0.25000 18.385693 197.033859 6.750652
753.768429 75.491134 4039.738
0.50000 17.896026 209.490246 6.750652
683.303464 74.879984 4369.246
0.75000 17.471426 222.747845 6.750652
662.621221 75.423000 4695.506
1.00000 17.066630 236.651553 6.750652
646.109137 75.468366 4930.838
Program SAP2000 Nonlinear Version 7.42
File:2교부산방항S1-S403.OUT

COMB DL-G2-3 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 18.787974 185.519827 6.750652
729.413614 77.211517 3699.351
0.25000 18.385693 197.033859 6.750652
753.768429 75.491134 4039.738
0.50000 17.896026 209.490246 6.750652
683.303464 74.879984 4369.246
0.75000 17.471426 222.747845 6.750652
662.621221 75.423000 4695.506
1.00000 17.066630 236.651553 6.750652
646.109137 75.468366 4930.838
Program SAP2000 Nonlinear Version 7.42
File:2교부산방항S1-S403.OUT

COMB DB-G1-1 MAX
REL_DIST M2 P V2 V3
T M2 M3
0.00000 15.276905 195.596916 9.261034
238.531055 51.590989 3458.517
0.25000 14.577769 213.026734 9.261034
238.531055 45.582923 3775.120
0.50000 13.893396 231.843581 9.261034
238.531055 40.021408 4064.571
0.75000 13.231791 251.827468 9.261034
238.531055 34.815286 4335.163
1.00000 12.600199 272.723689 9.261034
238.525158 29.902506 4573.594

COMB DB-G1-1 MIN
REL_DIST M2 P V2 V3
T M2 M3
0.00000 15.276905 195.596916 9.261034
238.531055 51.590989 3458.517
0.25000 14.577769 213.026734 9.261034
238.531055 45.582923 3775.120
0.50000 13.893396 231.843581 9.261034

0.00000 13.416404 238.948048 7.444426
401.968409 51.505457 5224.601 7.444426
0.25000 12.683500 260.143062
401.968409 48.661071 5345.617
0.50000 11.956153 282.518257 7.444426
401.968409 46.409649 5460.139
0.75000 11.238767 305.798106 7.444426
401.968409 44.886321 5580.462
1.00000 10.539324 329.907285 7.444426
401.968409 44.130561 5697.204

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

REL_DIST M2 P M3 V2 V3
0.00000 -8.512939 -467.885918 -6.891657
-453.819761 -76.784032 -2185.305
0.25000 -9.131360 -443.543417 -6.891657
-453.819761 -73.301517 -2063.442
0.50000 -9.787738 -419.728567 -6.891657
-453.819761 -70.707444 -1941.844
0.75000 10.474358 -396.539211 -6.891657
-453.819761 -69.259113 -1819.849
1.00000 -11.190278 -374.257915 -6.891657
-460.245598 -69.205746 -1698.054

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

REL_DIST M2 P M3 V2 V3
0.00000 4.850284 32.048812 3.011512
252.167885 53.825122 1239.394
0.25000 4.841076 32.324552 3.011512
251.176858 52.695814 1265.709
0.50000 4.832470 32.313226 3.011512
250.322467 52.561879 1299.605
0.75000 4.823997 32.912321 3.011512
249.506734 53.546625 1337.581
1.00000 4.815736 33.242865 3.011512
248.737476 51.752298 1379.800

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

REL_DIST M2 P M3 V2 V3
0.00000 -4.160251 -59.142574 -4.759883
-51.193534 -9.779821 -833.082674
0.25000 -4.167563 -58.809374 -4.759883
-51.975876 -8.224381 -792.143975
0.50000 -4.175294 -58.504620 -4.759883
-52.797053 -6.689595 -751.205653
0.75000 -4.183371 -58.208013 -4.759883
-53.650146 -5.161749 -710.267331
1.00000 -4.192356 -57.922153 -4.759883
-54.638967 -3.639605 -669.329099

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

REL_DIST M2 P M3 V2 V3
0.00000 8.329328 88.415631 4.265615
477.343373 70.402368 2634.927
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FRAME ELEMENT INTERNAL

REL_DIST M2 P M3 V2 V3
0.25000 8.328986 88.425846 4.265615
477.306615 68.647378 2859.344
0.50000 8.328668 88.436541 4.265615
477.274928 67.977541 2912.413
0.75000 8.328354 88.474622 4.265615
477.244673 68.697358 3007.776
1.00000 9.389048 96.459010 4.265615
477.216140 70.881014 3132.835

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

REL_DIST M2 P M3 V2 V3
0.00000 -6.014214 -158.253877 -6.399079
-222.467560 -21.362654 -1590.724
0.25000 -6.014485 -158.241531 -6.399079
-222.496579 -18.441470 -1509.129
0.50000 -6.014771 -158.230241 -6.399079
-222.527037 -15.251093 -1427.634
0.75000 -6.015070 -158.219252 -6.399079
-222.556676 -12.609686 -1345.939
1.00000 -6.015403 -158.208662 -6.399079
-222.595352 -9.800035 -1264.344

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

REL_DIST M2 P M3 V2 V3
0.00000 13.130098 194.909718 6.826816
585.320446 69.925363 4625.550
0.25000 12.688222 219.459208 6.826816
546.387788 67.536950 4724.303
0.50000 12.085471 227.005900 6.826816
511.497352 66.127938 4825.960
0.75000 11.580145 244.085904 6.826816
487.660182 65.969761 4944.454
1.00000 11.083214 262.363797 6.826816
477.476657 67.608885 5064.826

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

REL_DIST M2 P M3 V2 V3
0.00000 -8.548178 -379.914510 -7.846504
-317.405543 -58.508442 -2163.608
0.25000 -8.983950 -361.471512 -7.846504
-349.588240 -54.225222 -2047.209
0.50000 -9.445660 -344.036922 -7.846504
-384.233267 -50.816373 -1930.848
0.75000 -9.928369 -327.060331 -7.846504
-420.781905 -48.047599 -1814.486
1.00000 -10.447651 -310.726261 -7.846504
-462.087731 -45.780909 -1698.124

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

REL_DIST M2 P M3 V2 V3
0.00000 7.850487 143.131966 5.452079
8.1011524 17.891285 2625.285
0.25000 7.343198 157.866596 5.452079
86.101524 15.146021 2757.193
0.50000 6.849777 173.638842 5.452079
86.101524 12.620151 2857.977
0.75000 6.376173 190.246350 5.452079
86.101524 10.282221 2944.454
1.00000 5.928245 202.482660 5.452079
86.101524 7.981105 2964.481

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

REL_DIST M2 P M3 V2 V3
0.00000 -3.839065 -306.637339 -2.661230
-293.405102 -59.048255 -1448.091
0.25000 -4.276660 -287.003354 -2.661230
-290.355792 -59.125870 -1427.661

0.50000 -4.747168 -267.883213 -2.661230
-287.305438 -59.894582 -1407.721
0.75000 -5.245571 -249.523897 -2.661230
-284.257028 -61.410384 1387.841
1.00000 -5.766686 -232.097617 -2.661230
-281.207646 -63.553027 -1368.088
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FRAME ELEMENT INTERNAL

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

REL_DIST M2 P M3 V2 V3
0.00000 13.003024 242.026633 7.466495
248.289700 31.164860 4572.778
0.25000 12.338873 261.360197 7.466495
245.528360 27.696988 4764.871
0.50000 11.694291 282.061897 7.466495
245.485627 24.696033 4928.552
0.75000 11.076096 303.853438 7.466495
245.462607 21.965912 5070.389
1.00000 10.491314 326.561594 7.466495
245.487653 19.322248 5181.656

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

REL_DIST M2 P M3 V2 V3
0.00000 -6.341581 -498.690186 -4.348041
-455.955043 -83.004918 -2718.440
0.25000 -6.903335 -472.989670 -4.348041
-450.215149 -82.030996 -2686.735
0.50000 -7.507683 -448.018670 -4.348041
-465.657020 -82.043527 -2654.942
0.75000 -8.148572 -424.088946 -4.348041
-471.141625 -82.980153 -2623.203
1.00000 -8.819342 -401.408873 -4.348041
-479.738120 -85.065775 -2591.629

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

REL_DIST M2 P M3 V2 V3
0.00000 16.93601 262.526598 8.537669
443.882896 64.109646 5491.794
0.25000 16.325261 279.741541 8.537669
443.002413 60.850507 5713.345
0.50000 15.751226 298.174467 8.537669
442.995595 58.402828 5913.948
0.75000 15.200667 317.603704 8.537669
442.995595 56.64296 6100.176
1.00000 14.679862 337.794606 8.537669
442.995595 55.485732 6261.634

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

REL_DIST M2 P M3 V2 V3
0.00000 -9.479519 -544.944211 -7.434655
-503.419803 -86.359407 -3628.389
0.25000 -9.980161 -522.057855 -7.434655
-507.098455 -83.613305 -3584.440
0.50000 10.518727 -499.819242 -7.434655
-511.650773 -81.962375 -3545.914
0.75000 -11.089834 -478.506330 -7.434655
-516.209908 -81.320928 -3512.328
1.00000 -11.687522 -458.305261 -7.434655
-520.869511 -81.904163 -3478.894

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

REL_DIST M2 P M3 V2 V3
0.00000 7.147355 49.652548 2.665638
293.205270 58.604882 1531.691
0.25000 7.139417 49.885432 2.665638
292.487900 58.500180 1593.187
0.50000 7.131748 50.135601 2.665638
291.808293 59.011492 1655.618
0.75000 7.124424 50.400343 2.665638
291.170776 60.356361 1718.897
1.00000 7.117514 50.676816 2.665638
290.603165 62.546064 1783.310

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

REL_DIST M2 P M3 V2 V3
0.00000 -5.517637 -106.730751 -5.490294
-279.529333 -14.998481 -1404.954
0.25000 -5.523861 -106.423277 -5.490294
-281.61966 12.162754 -1400.828
0.50000 -5.530587 -106.127020 -5.490294
-80.845674 -9.601143 -1396.718
0.75000 -5.537752 -105.845150 -5.490294
-1.7570590 -7.284291 -1392.603
1.00000 -5.545280 -105.579813 -5.490294
-82.26903 -5.181703 -1393.489
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FRAME ELEMENT INTERNAL

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

REL_DIST M2 P M3 V2 V3
0.00000 11.895164 125.266511 4.207860
524.678258 78.813334 3274.231
0.25000 11.894979 125.271944 4.207860
524.661239 78.327080 3375.800
0.50000 11.894800 125.277779 4.207860
524.645122 78.852173 3492.407
0.75000 11.894629 125.283956 4.207860
524.630149 80.320845 3631.524
1.00000 11.894468 125.290407 4.207860
524.616528 82.773601 3783.335

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

REL_DIST M2 P M3 V2 V3
0.00000 -8.301995 -246.939830 -7.621897
-265.630839 -29.867563 -2667.303
0.25000 -8.302140 -246.932659 -7.621897
-265.645803 -25.853373 -2654.017
0.50000 -8.302297 -246.925751 -7.621897
-265.661978 -22.382087 -2640.611
0.75000 -8.302464 -246.919180 -7.621897
-265.679126 -19.257747 -2627.487
1.00000 -8.302639 -246.912995 -7.621897
-265.696994 -16.857519 -2614.213

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

REL_DIST M2 P M3 V2 V3
0.00000 16.841872 226.135847 7.325334
624.711716 83.021710 5005.462

0.25000 16.408963 238.793712 7.325334
599.456554 81.080107 5202.238
0.50000 15.989288 252.371870 7.325334
595.480706 80.344706 5387.079
0.75000 15.587782 266.712453 7.325334
553.421008 80.683158 5567.220
1.00000 15.208779 281.652018 7.325334
533.801251 82.046088 5732.847

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

REL_DIST M2 P M3 V2 V3
0.00000 -10.245779 -468.884240 -8.845608
-405.118966 -68.725107 3596.487
0.25000 10.598804 -452.112555 -8.845608
-429.061058 -64.391273 -3569.809
0.50000 -10.979539 -435.884297 -8.845608
-455.284749 -60.962927 -3543.101
0.75000 -11.384106 -420.387839 -8.845608
-483.161567 -58.279493 -3516.414
1.00000 -11.808374 -405.754865 -8.845608
-512.096355 -56.621273 -3489.831

COMB DB ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 13.416404 238.948048 7.444426
585.320446 70.402363 2524.601
0.25000 12.683500 260.143062 7.444426
546.387788 68.647378 2545.617
0.50000 12.085471 227.005900 7.444426
511.497352 67.977541 2540.139
0.75000 11.580145 249.796764 7.444426
487.660182 66.897358 2580.462
1.00000 11.087534 262.363797 7.444426
477.476657 70.881014 2597.204

COMB DB ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -8.548178 -467.885918 -7.846504
-453.819761 -76.784032 -2185.305
0.25000 -9.131360 -443.543417 -7.846504
-453.819761 -73.311242 -2063.442
0.50000 -9.787738 -419.728567 -7.846504
-453.819761 -72.098861 -419.728567
0.75000 -10.473558 -396.539211 -7.846504
-453.819761 -71.859868 -396.539211
1.00000 -11.190278 -374.257915 -7.846504
-462.087731 -73.118434 -1698.124
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FRAME ELEMENT INTERNAL

COMB DL ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 16.916801 262.526598 8.537669
624.711716 83.021710 5491.794
0.25000 16.408963 279.741541 8.537669
599.456554 81.080107 5713.345
0.50000 15.989288 298.174467 8.537669
575.484706 80.344747 5913.948
0.75000 15.587782 317.603704 8.537669
553.421008 80.683158 6100.176
1.00000 15.208779 337.794606 8.537669
533.801251 82.773601 6261.634

COMB DL ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -10.245779 -468.884240 -8.845608
-405.118966 -68.725107 3596.487
0.25000 -10.598804 -452.057855 -8.845608
-429.061058 -64.391273 -3569.809
0.50000 -10.979539 -435.884297 -8.845608
-455.284749 -60.962927 -3543.101
0.75000 -11.384106 -420.387839 -8.845608
-483.161567 -58.279493 -3516.414
1.00000 -11.808374 -405.754865 -8.845608
-512.096355 -56.621273 -3489.831

COMB CAR ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 16.916801 262.526598 8.537669
624.711716 83.021710 5491.794
0.25000 16.408963 279.741541 8.537669
599.456554 81.080107 5713.345
0.50000 15.989288 298.174467 8.537669
575.484706 80.344747 5913.948
0.75000 15.587782 317.603704 8.537669
553.421008 80.683158 6100.176
1.00000 15.208779 337.794606 8.537669
533.801251 82.773601 6261.634

COMB CAR ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -10.245779 -468.884240 -8.845608
-405.118966 -68.725107 3596.487
0.25000 -10.598804 -452.057855 -8.845608
-429.061058 -64.391273 -3569.809
0.50000 -10.979539 -435.884297 -8.845608
-455.284749 -60.962927 -3543.101
0.75000 -11.384106 -420.387839 -8.845608
-483.161567 -58.279493 -3516.414
1.00000 -11.808374 -405.754865 -8.845608
-512.096355 -56.621273 -3489.831

COMB DESIGN ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 16.916801 262.526598 8.537669
624.711716 83.021710 5491.794
0.25000 16.408963 279.741541 8.537669
599.456554 81.080107 5713.345
0.50000 15.989288 298.174467 8.537669
575.484706 80.344747 5913.948
0.75000 15.587782 317.603704 8.537669
553.421008 80.683158 6100.176
1.00000 15.208779 337.794606 8.537669
533.801251 82.773601 6261.634

COMB DESIGN ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -10.245779 -468.884240 -8.845608
-

356.669869 76.872431 3133.024 5.406484
0.25000 7.647749 116.530018
356.633522 73.670698 3077.414
0.50000 7.647414 116.540060
356.602139 72.168655 3049.955
0.75000 7.647087 116.552248
356.572043 73.308989 3065.684
1.00000 7.646770 116.564628
356.543508 73.941509 3110.524

COMB DL-G2-2 ----- MIN
REL DIST T M2 P M3 V2 V3
-342.388495 -6.39520 -111.639397 -5.478606
0.25000 -10.740588 -1264.267
0.50000 -6.639815 -111.626013 -5.478606
-342.417257 -8.683988 -1177.646
0.50000 -6.640123 -111.614717 -5.478606
-342.447522 -8.150291 -1091.028
0.75000 -6.640443 -111.603755 -5.478606
-342.479010 -8.024062 -1004.438
1.00000 -6.640795 -111.593220 -5.478606
-342.515416 -8.469076 -1037.506

COMB DB-G2-3 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 11.538197 245.331844 7.511295
525.482217 73.921601 5065.003
0.25000 10.981029 261.492487 7.511295
484.393792 69.791824 5048.177
0.50000 10.446565 278.386572 7.511295
449.751977 68.622458 5032.344
0.75000 9.922147 295.831128 7.511295
416.623227 69.059873 5038.912
1.00000 9.416407 314.359650 7.511295
385.744195 70.825532 5047.952

COMB DB-G2-3 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -10.009817 -311.093185 -7.476341
-377.379724 -5.711201 -1698.127
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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
0.25000 -10.844186 -292.553518 -7.476341
-408.482458 -47.743214 -1579.818
0.50000 -10.982053 -275.087734 -7.476341
-441.770873 -48.200860 -1461.512
0.75000 -11.498092 -258.149449 -7.476341
-476.971984 -45.714521 -1343.229
1.00000 -12.047442 -241.911412 -7.476341
-518.111669 -46.152343 -1390.868

COMB DL-G1-1 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 6.777037 173.142221 4.190012
170.247527 8.497117 2964.238
0.25000 6.303383 189.261573 4.190012
172.957234 7.085736 3028.896
0.50000 5.846724 206.369517 4.190012
174.769523 5.846608 3057.877
0.75000 5.413612 224.278198 4.190012
175.643174 4.825085 3056.656
1.00000 5.008849 242.782777 4.190012
175.738164 3.966066 3023.577

COMB DL-G1-1 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -6.971553 -263.631886 -3.810667
-192.152038 -48.327042 -1368.104
0.25000 -5.476218 -245.043767 -3.810667
-191.812557 -6.832863 -1355.154
0.50000 -6.013162 -227.060179 -3.810667
-190.575659 -65.925664 -1342.400
0.75000 -6.577481 -209.850162 -3.810667
-188.400122 -65.836436 -1329.710
1.00000 -7.163823 -193.637937 -3.810667
-185.445925 -66.462118 -1316.995

COMB DL-G1-2 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 11.166120 296.722526 6.102167
344.511360 19.964478 5181.405
0.25000 10.542028 317.175086 6.102167
335.817926 17.446496 5249.011
0.50000 9.940732 340.138351 6.102167
332.405682 17.211871 5287.077
0.75000 9.370562 363.586598 6.102167
330.752419 16.289142 5301.942
1.00000 8.837379 387.855472 6.102167
330.572653 15.576343 5286.969

COMB DL-G1-2 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -8.115860 -425.003926 -5.696248
-346.552506 -91.868834 -2591.673
0.25000 -8.760117 -400.640289 -5.696248
-346.978529 -89.735362 -2568.223
0.50000 -9.446318 -377.109828 -5.696248
-349.050540 -88.781412 -2544.711
0.75000 10.166530 -354.630352 -5.696248
-352.881532 -88.527676 -2521.325
1.00000 -10.919944 -333.474201 -5.696248
-361.664783 -89.186289 -2497.874

COMB DL-G1-3 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 14.739341 329.107936 8.048111
467.625077 19.39846 6261.570
0.25000 14.183644 347.856683 8.048111
462.769536 17.919162 6324.437
0.50000 13.648312 367.775522 8.048111
459.903440 15.399910 6365.120
0.75000 13.140687 388.652819 8.048111
458.585532 14.298793 6390.258
1.00000 12.666002 410.262634 8.048111
458.484740 13.675382 6392.932
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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 14.911395 329.107936 8.048111
554.323506 89.475545 6261.570
0.25000 14.499202 347.856852 8.048111

COMB DL-G1-3 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -11.340677 -456.838045 -7.835460
-460.966218 -88.511245 -3478.935
0.25000 -11.914931 -435.143298 -7.835460
-461.253621 -85.626114 -3448.456
0.50000 12.526581 -414.189054 -7.835460
-462.946369 -84.083746 -3417.915
0.75000 -13.170290 -394.169494 -7.835460
-466.187306 -83.562728 -3387.486
1.00000 -13.839976 -375.327759 -7.835460
-471.074582 -84.153959 -3356.997

COMB DL-G2-1 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 6.613595 66.336810 3.863955
186.934255 67.916735 1783.558
0.25000 6.605947 66.586144 3.863955
186.204242 66.299094 1792.677
0.50000 6.598602 66.852472 3.863955
185.508320 65.235957 1802.519
0.75000 6.591633 67.133257 3.863955
184.656876 64.943277 1813.354
1.00000 6.585727 67.415125 3.863955
184.259247 65.451895 1825.631

COMB DL-G2-1 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -5.837831 -82.909393 -4.154607
-165.368105 -6.040690 -1388.471
0.25000 -5.844809 -82.616461 -4.154607
-165.968874 -4.721210 -1377.350
0.50000 -5.852290 -82.335343 -4.154607
-166.622745 -3.635052 -1366.235
0.75000 -5.860210 -82.068431 -4.154607
-167.320814 -2.738923 -1355.120
1.00000 -5.868495 -81.818648 -4.154607
-168.053093 -2.192311 -1344.005

COMB DL-G2-2 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 10.670602 165.135941 5.689558
397.822336 89.475545 6261.570
0.25000 10.670424 165.141755 5.689558
397.805046 87.398738 3779.355
0.50000 10.670252 165.147965 5.689558
397.788565 86.095129 3789.583
0.75000 10.670090 165.154514 5.689558
397.773134 85.940226 3821.640
1.00000 10.669938 165.161337 5.689558
397.758971 86.845187 3868.261

COMB DL-G2-2 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -9.081079 -195.693973 -6.056516
-374.009394 -17.575612 -2614.216
0.25000 -9.081241 -195.687140 -6.056516
-374.023622 -15.815379 -2592.658
0.50000 -9.081415 -195.680584 -6.056516
-374.031918 -14.762486 -2571.077
0.75000 -9.081599 -195.674360 -6.056516
-374.055649 -13.986595 -2549.535
1.00000 -9.081792 -195.668536 -6.056516
-374.072987 -13.883035 -2527.975

COMB DL-G2-3 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 14.911395 329.107936 8.048111
554.323506 89.475545 6261.570
0.25000 14.499202 347.856852 8.048111
527.458368 87.398738 3779.355
0.50000 14.102798 367.772336 8.048111
501.784047 86.095129 3789.583
0.75000 13.726705 388.652819 8.048111
477.904591 85.940226 3821.640
1.00000 13.747931 410.262634 8.048111
458.484740 86.845187 3868.261

COMB DL-G2-3 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 14.911395 329.107936 8.048111
554.323506 89.475545 6261.570
0.25000 14.499202 347.856852 8.048111
527.458368 87.398738 3779.355
0.50000 14.102798 367.772336 8.048111
501.784047 86.095129 3789.583
0.75000 13.726705 388.652819 8.048111
477.904591 85.940226 3821.640
1.00000 13.747931 410.262634 8.048111
458.484740 86.845187 3868.261

COMB DL-G2-3 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -9.081079 -195.693973 -6.056516
-374.009394 -17.575612 -2614.216
0.25000 -9.081241 -195.687140 -6.056516
-374.023622 -15.815379 -2592.658
0.50000 -9.081415 -195.680584 -6.056516
-374.031918 -14.762486 -2571.077
0.75000 -9.081599 -195.674360 -6.056516
-374.055649 -13.986595 -2549.535
1.00000 -9.081792 -195.668536 -6.056516
-374.072987 -13.883035 -2527.975

COMB DB ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 11.538197 245.331844 7.511295
525.482217 73.921601 5065.003
0.25000 10.981029 261.492487 7.511295
484.393792 69.791824 5048.177
0.50000 10.446565 278.386572 7.511295
449.751977 68.622458 5032.344
0.75000 9.922147 295.831128 7.511295
416.623227 69.059873 5038.912
1.00000 9.416407 314.359650 7.511295
385.744195 70.825532 5047.952

COMB DB ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -10.009817 -311.093185 -7.476341
-377.379724 -5.711201 -1698.127
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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 14.911395 329.107936 8.048111
554.323506 89.475545 6261.570
0.25000 14.499202 347.856852 8.048111

527.458368 87.398738 3624.437
0.50000 14.102798 367.772336 8.048111
501.784047 86.095129 3779.355
0.75000 13.726705 388.652819 8.048111
477.904591 85.940226 3821.640
1.00000 13.747931 410.262634 8.048111
458.484740 86.845187 3868.261

COMB DL ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -11.757913 -456.838045 -7.835460
-460.966218 -91.868834 -3489.855
0.25000 12.158462 -435.143298 -7.835460
-465.032783 -89.735362 -3460.065
0.50000 -12.586510 -414.189054 -7.835460
-489.149145 -88.781412 -3430.278
0.75000 -13.170290 -394.169494 -7.835460
-514.996940 -88.527676 -3400.574
1.00000 -13.839976 -375.327759 -7.835460
-542.009852 -89.186289 -3370.809

COMB CAR ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 14.911395 329.107936 8.048111
554.323506 89.475545 6261.570
0.25000 14.499202 347.856852 8.048111
527.458368 87.398738 3779.355
0.50000 14.102798 367.772336 8.048111
501.784047 86.095129 3789.583
0.75000 13.726705 388.652819 8.048111
477.904591 85.940226 3821.640
1.00000 13.747931 410.262634 8.048111
458.484740 86.845187 3868.261

COMB CAR ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -11.757913 -456.838045 -7.835460
-460.966218 -91.868834 -3489.855
0.25000 12.158462 -435.143298 -7.835460
-465.032783 -89.735362 -3460.065
0.50000 -12.586510 -414.189054 -7.835460
-489.149145 -88.781412 -3430.278
0.75000 -13.170290 -394.169494 -7.835460
-514.996940 -88.527676 -3400.574
1.00000 -13.839976 -375.327759 -7.835460
-542.009852 -89.186289 -3370.809

COMB DESIGN ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 14.911395 329.107936 8.048111
554.323506 89.475545 6261.570
0.25000 14.499202 347.856852 8.048111
527.458368 87.398738 3779.355
0.50000 14.102798 367.772336 8.048111
501.784047 86.095129 3789.583
0.75000 13.726705 388.652819 8.048111
477.904591 85.940226 3821.640
1.00000 13.747931 410.262634 8.048111
458.484740 86.845187 3868.261

COMB DESIGN ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -11.757913 -456.838045 -7.835460
-460.966218 -91.868834 -3489.855
0.25000 12.158462 -435.143298 -7.835460
-465.032783 -89.735362 -3460.065
0.50000 -12.586510 -414.189054 -7.835460
-489.149145 -88.781412 -3430.278
0.75000 -13.170290 -394.169494 -7.835460
-514.996940 -88.527676 -3400.574
1.00000 -13.839976 -375.327759 -7.835460
-542.009852 -89.186289 -3370.809

ELEM 5.009197 18 ----- LENGTH =
COMB DB-G1-1 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 3.615751 211.620988 3.031674
248.137670 2.613570 2851.081
0.25000 2.963905 230.646517 3.031674
248.137670 3.018714 2843.125
0.50000 2.533242 250.501263 3.031674
248.137670 4.407496 2807.106
0.75000 2.533242 270.918709 3.031674
248.137670 5.835911 2741.630
1.00000 2.533242 291.460124 3.031674
248.137670 7.286699 2646.898

COMB DB-G1-1 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -7.065153 -227.012634 -4.536581
-75.913621 -63.998585 -546.664294
0.25000 -7.601369 -206.587730 -4.536581
-75.913621 -60.616637 -588.914689
0.50000 -8.313969 -186.443698 -4.536581
-75.913621 -58.301286 -632.165084
0.75000 -8.966751 -167.020580 -4.536581
-75.913621 -57.079703 -675.415479
1.00000 -9.624235 -148.584365 -4.536581
-75.913621 -57.075239 -718.665874

COMB DB-G1-2 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 6.374008 349.261194 4.424570
418.815146 9.481196 4904.095
0.25000 5.513312 374.394129 4.424570
407.343820 9.321220 4828.676
0.50000 4.689716 400.572912 4.424570
407.343820 11.161332 4737.192
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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 14.911395 329.107936 8.048111
554.323506 89.475545 6261.570
0.25000 14.499202 347.856852 8.048111

COMB DB-G1-2 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -10.248472 -338.722602 -6.124993
-218.138379 -83.460163 -1032.540
0.25000 -11.220691 -311.285615 -6.124993
-218.138379 -80.352380 -1111.175
0.50000 12.043720 -284.715716 -6.124993
-218.138379 -78.232277 -1189.810
0.75000 -12.887874 -259.084764 -6.124993
-218.138379 -77.368219 -1268.445
1.00000 -13.752359 -234.700715 -6.124993
-224.968683 -77.917512 -1347.080

COMB DB-G1-3 ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 8.664675 375.255338 6.961878
468.989508 46.458866 5690.487
0.25000 7.900781 397.561129 6.961878
456.930446 44.024146 5569.837
0.50000 7.177060 420.797221 6.961878
456.930446 43.936467 5445.474
0.75000 6.898222 444.687679 6.961878
456.930446 44.613388 5326.144
1.00000 6.898222 469.149405 6.961878
456.930446 46.220701 5159.576

COMB DB-G1-3 ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -12.500565 -336.435947 -7.411192
-3

T	M2	M3	
0.00000	5.746160	209.738051	3.095450
269.626101	3.851899	3023.81	
0.25000	5.227402	227.093707	3.095450
272.675115	4.278326	3016.491	
0.50000	4.928367	245.407247	3.095450
275.724084	5.128688	2977.334	
0.75000	4.555010	264.489381	3.095450
278.773145	6.287461	2906.127	
4.00000	4.820000	282.029	3.095450
281.816384	7.589625	2803.377	

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

REL_DIST	P	M3	V2	V3
0.00000	-6.320630	-227.502903		-5.060595
-103.993699	-70.612784	-1317.081		
0.25000	-6.885373	-210.145985		-5.060595
-103.993699	-67.829130	-1310.514		
0.50000	-7.480641	-193.400381		-5.060595
-103.993699	-65.583007	-1304.148		
0.75000	-8.100871	-177.491190		-5.060595
-103.993699	-63.979489	-1297.827		
1.00000	-8.740075	-162.587411		-5.060595
-103.987829	-63.213546	-1291.482		
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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	M2	P	M3	V2

0.00000	9.377455	362.613118		4.815962
466.559143	15.341733	5287.288		
0.25000	8.819236	385.217735		4.815962
458.443708	15.722051	5229.687		
0.50000	8.267423	409.094509		4.815962
452.959715	17.290130	5140.619		
0.75000	7.789090	434.031719		4.815962
447.649664	19.326435	5029.657		
1.00000	7.332040	459.706078		4.815962
443.778719	21.689255	4889.352		

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

REL_DIST	P	M3	V2	V3
0.00000	-10.244218	-362.810969		-7.137073
-260.250120	-95.450447	-2497.950		
0.25000	-10.963228	-339.996301		-7.137073
-260.250120	-92.206817	-2481.917		
0.50000	-11.722081	-318.023360		-7.137073
-260.250120	-89.882180	-2465.888		
0.75000	-12.513983	-297.181470		-7.137073
-260.423986	-89.659439	-2374.112		
1.00000	-13.313329	-277.668173		-7.137073
-264.338457	-88.297867	-2433.776		

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

REL_DIST	M2	P	M3	V2
0.00000	12.466458	412.077738		7.657069
522.565058	57.232005	6393.024		
0.25000	11.989625	432.211031		7.657069
518.001922	55.588202	6298.563		
0.50000	11.516370	453.476552		7.657069
513.443292	55.526571	6177.875		
0.75000	11.072915	475.668652		7.657069
508.964957	56.300252	6042.840		
1.00000	10.666299	498.548733		7.657069
505.635701	57.811450	5886.132		

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

REL_DIST	P	M3	V2	V3
0.00000	-13.482740	-387.476269		-8.432886
-447.719291	-89.854821	-2397.996		
0.25000	-14.123732	-367.163071		-8.432886
-447.719291	-87.775561	-3329.379		
0.50000	-14.800164	-347.598006		-8.432886
-447.719291	-85.834922	-3301.751		
0.75000	-15.060339	-329.039005		-8.432886
-447.799514	-85.664844	-3274.112		
1.00000	-16.234546	-311.662529		-8.432886
-449.028844	-86.438057	-3246.502		

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

REL_DIST	M2	P	M3	V2
0.00000	5.866230	93.536590		5.178669
101.160568	70.196008	1825.304		
0.25000	5.859109	93.801537		5.178669
100.408104	67.043206	1781.385		
0.50000	5.852552	94.089137		5.178669
99.689483	64.221342	1738.534		
0.75000	5.845976	94.378681		5.178669
99.015089	62.37920	1696.644		
1.00000	5.840120	94.685397		5.178669
98.394282	61.063081	1656.376		

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

REL_DIST	P	M3	V2	V3
0.00000	-6.061731	-71.480182		-2.997192
-275.943412	-2.459153	-1343.909		
0.25000	-6.069432	-71.203162		-2.997192
-276.520632	-2.235085	-1326.685		
0.50000	-6.077622	-70.937894		-2.997192
-277.150544	-2.642180	-1309.466		
0.75000	-6.086222	-70.687599		-2.997192
-277.824560	-3.626465	-1292.848		
1.00000	-6.095154	-70.454424		-2.997192
-278.532316	-4.792342	-1275.041		
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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	M2	P	M3	V2

0.00000	9.11828	220.189527		7.193709
291.300115	93.113274	3867.869		
0.25000	9.211662	220.195704		7.193709
291.282315	89.564883	3759.273		
0.50000	9.211503	220.202269		7.193709
291.265317	86.911876	3661.988		
0.75000	9.210905	220.209180		7.193709
291.249365	85.450535	3587.497		
1.00000	9.211218	220.216313		7.193709
291.234674	85.034441	3528.214		

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

REL_DIST	M2	P	M3	V2
0.00000	-9.839919	-162.706940		-4.687034
-505.692485	-13.995745	-2527.837		
0.25000	-9.840099	-162.790476		-4.687034
-505.706161	-14.803981	-2499.098		
0.50000	-9.840289	-162.784288		-4.687034
-505.721100	-16.419256	-2470.369		
0.75000	-9.840489	-162.778450		-4.687034
-505.737082	-18.686467	-2441.647		
1.00000	-9.840697	-162.773012		-4.687034
-505.753865	-21.322235	-2412.919		

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

REL_DIST	M2	P	M3	V2
0.00000	12.783541	364.289000		8.699201
526.167049	90.388813	5855.997		
0.25000	12.407140	378.891172		8.699201
497.417100	87.386878	5753.040		
0.50000	12.048465	394.361390		8.699201
469.850821	85.515275	5634.172		
0.75000	11.712849	410.554659		8.699201
444.059584	84.882648	5510.623		
1.00000	11.404335	427.302263		8.699201
420.591151	85.303606	5374.960		

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

REL_DIST	M2	M3	V2	V3
0.00000	-13.418184	-331.361640		-7.549473
-523.353296	-61.508354	-3370.726		
0.25000	-13.862935	-316.361135		-7.549473
-543.199145	-59.862304	-3338.397		
0.50000	-14.334006	-301.956291		-7.549473
-565.347435	-59.509738	-3306.078		
0.75000	-14.827100	-288.329512		-7.549473
-589.276874	-60.200602	-3273.772		
1.00000	-15.337501	-275.603961		-7.549473
-614.359331	-61.536229	-3241.483		

COMB DB ----- MAX

REL_DIST	P	M3	V2	V3
0.00000	9.406634	375.255338		7.848288
474.059535	80.051552	5690.487		
0.25000	8.846043	397.561129		7.848288
456.930446	76.325891	5569.837		
0.50000	8.311267	420.797221		7.848288
456.930446	73.652013	5445.474		
0.75000	7.820723	444.687679		7.848288
456.930446	72.363438	5326.144		
1.00000	7.437337	469.149405		7.848288
456.930446	72.545646	5199.576		

COMB DB ----- MIN

REL_DIST	M2	P	M3	V2
0.00000	-12.500565	-338.722602		-7.411192
-469.595580	-83.460163	-1390.844		
0.25000	-13.204366	-312.104560		-7.411192
-480.251090	-80.352380	-1489.106		
0.50000	-13.935576	-288.521727		-7.411192
-505.378167	-78.232277	-1569.678		
0.75000	-14.685542	-265.772789		-7.411192
-541.031576	-77.368219	-1690.249		
1.00000	-15.452955	-244.132896		-7.411192
-579.599661	-77.917512	-1790.820		
Program SAP2000 Nonlinear Version 7.42				
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<	MOVING	207	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 ----- MAX				
REL_DIST	M2	P	M3	V2

0.00000	12.783541	412.077738		8.699201
526.167049	93.113274	6393.024		
0.25000	12.407140	432.211031		8.699201
518.001922	89.564883	6298.563		
0.50000	12.048465	453.476552		8.699201
513.443292	86.911876	6177.875		
0.75000	11.712849	475.668652		8.699201
508.964957	85.450535	6042.840		
1.00000	11.404335	498.548733		8.699201
505.635701	85.303606	5886.132		

COMB DL ----- MIN

REL_DIST	M2	P	M3	V2
0.00000	-13.482740	-387.476269		-8.432886
-523.353296	-95.455047	-3370.726		
0.25000	-14.123732	-367.163071		-8.432886
-543.199145	-92.206817	-3338.397		
0.50000	-14.800164	-347.598006		-8.432886
-565.347435	-89.882180	-3306.078		
0.75000	-15.060339	-329.039005		-8.432886
-589.276874	-89.659439	-3274.112		
1.00000	-16.234546	-311.662529		-8.432886
-614.359331	-88.297867	-3246.502		

COMB CAR ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.783541	412.077738	8.699201
526.167049	93.113274	6393.024	
0.25000	12.407140	432.211031	8.699201
518.001922	89.564883	6298.563	
0.50000	12.048465	453.476552	8.699201
513.443292	86.911876	6177.875	
0.75000	11.712849	475.668552	8.699201
508.964957	85.450535	6042.840	
1.00000	11.404335	498.548733	8.699201
505.625701	85.203696	5891.123	

0.00000	10.434565	510.435520	7.603751
607.361364	60.493907	5886.343	
0.25000	10.006187	531.960318	7.603751
602.802983	61.423989	593.950	
0.50000	9.609104	554.567412	7.603751
598.244602	62.882610	5352.896	
0.75000	9.525344	508.047171	7.603751
593.686221	64.853015	575.7744	
1.00000	9.468699	602.163370	7.603751
589.127840	67.565625	4742.782	
Program SAP2000 Nonlinear Version 7.42 File:2교부산반항S1-S403.OUT			
< MOVING Page 211 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-G1-3 ----- MIN			
REL_DIST	M2	M3	V2
0.00000	-16.192823	-331.418397	-9.465620
-502.265219	-90.922029	-3246.460	
0.25000	-16.190420	-312.657726	-9.465620
-502.265219	-88.927113	-3275.855	
0.50000	-17.645701	-294.693764	-9.465620
-502.265219	-87.668871	-3265.454	
0.75000	-18.409686	-277.751449	-9.465620
-502.265219	-87.328904	-3255.078	
1.00000	-19.187526	-261.982777	-9.465620
-502.265219	-87.938232	-3244.622	
COMB DL-G2-1 ----- MAX			
REL_DIST	M2	P	V2
0.00000	5.074977	120.255065	7.003748
79.691732	65.514682	1655.472	
0.25000	5.068488	120.534899	7.003748
78.918636	60.327237	1565.241	
0.50000	5.062282	120.831025	7.003748
78.175229	55.675929	1475.501	
0.75000	5.056622	121.140937	7.003748
77.473289	51.876209	1387.276	
1.00000	5.051538	121.461746	7.003748
76.822356	49.079432	1300.512	
COMB DL-G2-1 ----- MIN			
REL_DIST	M2	M3	V2
0.00000	-6.161564	-65.765087	-1.823334
-390.688187	-4.906031	-1274.850	
0.25000	-6.170123	-65.505382	-1.823334
-391.243370	-7.142194	-1248.425	
0.50000	-6.179138	-65.257485	-1.823334
-391.855907	-9.675831	-1222.007	
0.75000	-6.188501	-65.024433	-1.823334
-392.517063	-12.161165	-1195.605	
1.00000	-6.196115	-64.800393	-1.823334
-393.217021	-15.724836	-1169.274	
COMB DL-G2-2 ----- MAX			
REL_DIST	M2	M3	V2
0.00000	7.772940	278.088513	9.374952
251.344740	90.291064	3527.061	
0.25000	7.772787	278.095034	9.374952
251.326475	85.130891	3321.890	
0.50000	7.772643	278.101936	9.374952
251.308909	80.676212	3125.457	
0.75000	7.772511	278.109161	9.374952
251.292320	77.165153	2952.413	
1.00000	7.772392	278.116641	9.374952
251.276950	74.784888	2795.684	
COMB DL-G2-2 ----- MIN			
REL_DIST	M2	M3	V2
0.00000	-10.612889	-141.177410	-3.256832
-642.856592	-21.069258	-224.612	
0.25000	-10.613298	-141.165564	-3.256832
-642.869789	-24.925209	-2373.142	
0.50000	-10.613298	-141.165564	-3.256832
-642.884335	-29.176135	-2333.664	
0.75000	-10.613515	-141.160126	-3.256832
-642.900031	-33.763915	-2294.207	
1.00000	-10.613739	-141.155085	-3.256832
-642.916647	-38.856278	-2254.787	
COMB DL-G2-3 ----- MAX			
REL_DIST	M2	P	V2
0.00000	10.782557	452.680379	10.007481
556.782235	89.653185	5374.384	
0.25000	10.447013	468.192471	10.007481
526.320573	86.394028	5126.261	
0.50000	10.132944	484.545133	10.007481
493.905863	83.854415	4850.952	
0.75000	9.844972	501.604897	10.007481
469.175734	82.319245	4590.035	
1.00000	9.698222	519.189414	10.007481
443.632416	82.175485	4309.586	
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< MOVING Page 212 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	M2	M3	V2
0.00000	-15.408583	-286.573080	-7.205154
-633.033690	-65.799548	-3241.277	
0.25000	-15.405627	-272.607846	-7.205154
-643.644557	-66.379105	-3205.067	
0.50000	-16.419911	-259.266992	-7.205154
-644.288643	-31.630447	-416.861	
0.75000	-16.550448	-246.703533	-7.205154
-686.865621	-69.649168	-3132.756	
1.00000	-17.502142	-235.037180	-7.205154
-710.776487	-72.491282	-3096.634	
COMB DB ----- MAX			
REL_DIST	M2	P	V2
0.00000	7.041843	451.436411	8.307926
595.459923	75.926807	4468.427	
0.25000	6.537286	473.712823	8.307926
498.695967	62.776646	4956.435	
0.50000	6.227103	496.817716	8.307926
498.695967	68.365511	4708.664	
0.75000	6.227103	520.475743	8.307926
498.695967	65.510056	4468.427	
1.00000	6.227103	544.607900	8.307926
498.695967	65.416119	4233.514	
COMB DB ----- MIN			
REL_DIST	M2	M3	V2
0.00000	3.463451	481.604781	1.464067
569.827419	28.628649	3751.606	

REL DIST	M2	M3	V2	V3
0.00000	-14.994054	-281.280507	-7.474616	
-575.341601	-83.725811	-1790.735		
0.25000	-15.711337	-257.440156	-7.474616	
-576.369122	-79.202936	-1894.817		
0.50000	-16.445855	-234.462227	-7.474616	
-579.973010	-77.452399	-1998.993		
0.75000	-17.187113	-212.423722	-7.474616	
-601.407611	-76.858797	-2103.316		
1.00000	-17.933202	-191.594426	-7.474616	
-638.730982	-77.553632	-2207.752		
COMB DL ----- MAX				
REL DIST	M2	M3	V2	V3
0.00000	10.782557	510.435520	10.007481	
607.361364	90.291064	5886.343		
0.25000	10.447013	531.960318	10.007481	
602.802983	86.394028	5633.950		
0.50000	10.132944	554.567412	10.007481	
598.244602	83.854415	5352.896		
0.75000	9.844972	578.046171	10.007481	
593.686221	82.319245	5057.774		
1.00000	9.698222	602.163370	10.007481	
589.127840	82.175485	4742.782		
COMB DL ----- MIN				
REL DIST	M2	M3	V2	V3
0.00000	-16.192823	-331.418397	-9.465620	
-642.856592	-93.219096	-3246.460		
0.25000	-16.904220	-312.657726	-9.465620	
-643.644557	-89.152600	-3275.855		
0.50000	-17.645701	-294.693764	-9.465620	
-654.288643	-87.668871	-3265.454		
0.75000	-18.409686	-277.751449	-9.465620	
-686.865621	-87.328904	-3255.078		
1.00000	-19.187526	-261.982777	-9.465620	
-710.776487	-87.938232	-3244.622		
COMB CAR ----- MAX				
REL DIST	M2	M3	V2	V3
0.00000	10.782557	510.435520	10.007481	
607.361364	90.291064	5886.343		
0.25000	10.447013	531.960318	10.007481	
602.802983	86.394028	5633.950		
0.50000	10.132944	554.567412	10.007481	
598.244602	83.854415	5352.896		
0.75000	9.844972	578.046171	10.007481	
593.686221	82.319245	5057.774		
1.00000	9.698222	602.163370	10.007481	
589.127840	82.175485	4742.782		
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< MOVING Page 213 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	M2	M3	V2	V3
0.00000	-16.192823	-331.418397	-9.465620	
-642.856592	-93.219096	-3246.460		
0.25000	-16.904220	-312.657726	-9.465620	
-643.644557	-89.152600	-3275.855		
0.50000	-17.645701	-294.693764	-9.465620	
-654.288643	-87.668871	-3265.454		
0.75000	-18.409686	-277.751449	-9.465620	
-686.865621	-87.328904	-3255.078		
1.00000	-19.187526	-261.982777	-9.465620	
-710.776487	-87.938232	-3244.622		
COMB DESIGN ----- MAX				
REL DIST	M2	M3	V2	V3
0.00000	10.782557	510.435520	10.007481	
607.361364	90.291064	5886.343		
0.25000	10.447013	531.960318	10.007481	
602.802983	86.394028	5633.950		
0.50000	10.132944	554.567412	10.007481	
598.244602	83.854415	5352.896		
0.75000	9.844972	578.046171	10.007481	
593.686221	82.319245	5057.774		
1.00000	9.698222	602.163370	10.007481	
589.127840	82.175485	4742.782		
COMB DESIGN ----- MIN				
REL DIST	M2	M3	V2	V3
0.00000	-16.192823	-331.418397	-9.465620	
-642.856592	-93.219096	-3246.460		
0.25000	-16.904220	-312.657726	-9.465620	
-643.644557	-89.152600	-3275.855		
0.50000	-17.645701	-294.693764	-9.465620	
-654.288643	-87.668871	-3265.454		
0.75000	-18.409686	-277.751449	-9.465620	
-686.865621	-87.328904	-3255.078		
1.00000	-19.187526	-261.982777	-9.465620	
-710.776487	-87.938232	-3244.622		
ELEM 20 ===== LENGTH =				
5.008812				
COMB DB-G1-1 ----- MAX				
REL DIST	M2	M3	V2	V3
0.00000	2.493960	290.156337	0.488400	
393.870388	17.546241	2216.492		
0.25000	2.493960	309.035201	0.488400	
393.870388	20.664675	2089.201		
0.50000	2.493960	328.538067	0.488400	
393.870388	23.825943	1937.671		
0.75000	2.493960	348.392381	0.488400	
393.870388	27.028704	1761.592		
1.00000	2.493960	368.148565	0.488400	
393.870388	30.263089	1561.926		
COMB DB-G1-1 ----- MIN				
REL DIST	M2	M3	V2	V3
0.00000	-10.629242	-151.315731	-6.498978	
-52.742253	-50.405275	-921.676024		
0.25000	-11.202495	-131.950199	-6.498978	
-52.742253	-44.205577	-986.893439		
0.50000	-11.772103	-113.040512	-6.498978	
-52.742253	-38.678978	-152.112		
0.75000	-12.324170	-95.006379	-6.498978	
-52.742253	-34.161173	-1117.330		
1.00000	-12.840837	-78.028434	-6.498978	
-52.742253	-30.754667	-1182.760		
COMB DB-G1-2 ----- MAX				
REL DIST	M2	M3	V2	V3
0.00000	3.463451	484.04781	1.464067	
569.827419	28.286489	3751.808		

FRAME ELEMENT INTERNAL FORCES					
COMB DL-G2-2 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	6.453995	327.201874		11.708556	
305.003519	71.989663	2794.087			
0.25000	6.453862	327.208774		11.708556	
304.984647	72.068192	2507.116			
0.50000	6.453741	327.216029		11.708556	
304.966600	66.127233	2228.634			
0.75000	6.453635	327.223576		11.708556	
304.949602	61.380814	2032.008			
1.00000	6.453617	327.231344		11.708556	
304.933892	58.123739	1922.583			
COMB DL-G2-2 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-11.140539	-128.142051		-2.056505	
-792.380473	-39.525450	-2254.288			
0.25000	-11.140754	-128.136409		-2.056505	
-792.393772	-45.750726	-2195.756			
0.50000	-11.140976	-128.131071		-2.056505	
-792.408384	-52.472935	-2137.233			
0.75000	-11.141202	-128.126093		-2.056505	
-792.424103	-59.855822	-2153.609			
1.00000	-11.141428	-128.125356		-2.056505	
-792.440695	-68.075410	-2264.709			
COMB DL-G2-3 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	8.885532	543.835563		11.471379	
647.076321	85.907354	4308.750			
0.25000	8.881354	560.360424		11.471379	
615.030775	82.799223	3923.482			
0.50000	8.493521	577.663274		11.471379	
584.089490	80.573699	3521.512			
0.75000	8.465145	595.609141		11.471379	
554.912023	79.645100	3226.873			
1.00000	8.454638	614.005987		11.471379	
528.103515	80.383784	3016.596			
COMB DL-G2-3 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-17.425435	-250.756396		-7.166374	
-773.018143	-76.949274	-3096.312			
0.25000	-17.952405	-237.969696		-7.166374	
-774.358408	-78.947746	-3093.057			
0.50000	-18.493107	-225.830325		-7.166374	
-794.638266	-81.765526	-3011.043			
0.75000	-19.040066	-214.91654		-7.166374	
-816.845592	-85.671072	-3117.064			
1.00000	-19.584837	-204.113270		-7.166374	
-840.375022	-90.837376	-3345.218			
COMB DB ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	5.048312	529.75933		8.857627	
575.706292	69.989296	4233.575			
0.25000	5.048312	551.897337		8.857627	
575.706292	65.280069	3876.727			
0.50000	5.048312	574.716609		8.857627	
575.706292	61.441480	3520.873			
0.75000	5.048312	597.950487		8.857627	
575.706292	58.709371	3179.430			
1.00000	5.048312	621.526996		8.857627	
575.706292	57.198867	2851.510			
COMB DB ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-17.472881	-226.387858		-8.304964	
-659.553654	-82.495562	-2207.694			
0.25000	-18.146842	-203.244260		-8.304964	
-659.612021	-78.129467	-2039.483			
0.50000	-18.616322	-181.056608		-8.304964	
-659.611843	-75.980286	-2431.272			
0.75000	-19.466431	-159.878976		-8.304964	
-665.786390	-74.214304	-2543.108			
1.00000	-20.092580	-139.952913		-8.304964	
-691.568077	-75.160951	-2655.221			
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<	MOVING	LOAD	>		
FRAME ELEMENT INTERNAL FORCES					
COMB DL ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	8.885532	624.385628		11.708556	
744.558613	85.907354	4743.051			
0.25000	8.881354	647.439026		11.708556	
740.000377	82.799223	4330.436			
0.50000	8.493521	671.512261		11.708556	
735.442142	80.573699	3892.945			
0.75000	8.465145	696.383214		11.708556	
730.883906	79.645100	3573.560			
1.00000	8.454638	721.787301		11.708556	
726.325670	83.311533	3330.293			
COMB DL ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-19.189495	-283.128118		-11.325236	
-792.380473	-91.949025	-3244.556			
0.25000	-19.940380	-266.219727		-11.325236	
-792.393772	-89.297588	-3248.366			
0.50000	-20.706925	-250.124203		-11.325236	
-794.638266	-87.661038	-3250.787			
0.75000	-21.478297	-235.052165		-11.325236	
-816.845592	-87.355999	-3426.088			
1.00000	-22.238249	-221.255395		-11.325236	
-840.375022	-90.837376	-3711.760			
COMB CAR ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	8.885532	624.385628		11.708556	
744.558613	85.907354	4743.051			
0.25000	8.881354	647.439026		11.708556	
740.000377	82.799223	4330.436			
0.50000	8.493521	671.512261		11.708556	
735.442142	80.573699	3892.945			
0.75000	8.465145	696.383214		11.708556	
730.883906	79.645100	3573.560			
1.00000	8.454638	721.787301		11.708556	
726.325670	83.311533	3330.293			
COMB CAR ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-19.189495	-283.128118		-11.325236	
-792.380473	-91.949025	-3244.556			
0.25000	-19.940380	-266.219727		-11.325236	
-792.393772	-89.297588	-3248.366			
0.50000	-20.706925	-250.124203		-11.325236	
-794.638266	-87.661038	-3250.787			
0.75000	-21.478297	-235.052165		-11.325236	
-816.845592	-87.355999	-3426.088			
1.00000	-22.238249	-221.255395		-11.325236	
-840.375022	-90.837376	-3711.760			
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FRAME ELEMENT INTERNAL FORCES					
ELEM	21	LENGTH = 5.009719			
COMB DB-G1-1 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	2.236051	341.530524		0.554239	
424.129562	31.490117	1562.890			
0.25000	2.236051	360.466439		0.554239	
424.129562	34.161382	1373.398			
0.50000	2.236051	379.908645		0.554239	
424.129562	36.974194	1161.765			
0.75000	2.236051	399.598654		0.554239	
424.129562	39.816467	928.600834			
1.00000	2.236051	419.116298		0.554239	
424.129562	42.728056	673.083721			
COMB DB-G1-1 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-12.537974	-100.662016		-6.949480	
-132.424911	-32.313678	-1153.089			
0.25000	-12.979696	-81.655284		-6.949480	
-132.424911	-25.161793	-1272.836			
0.50000	-13.383411	-64.245624		-6.949480	
-132.424911	-18.668668	-1362.631			
0.75000	-13.733313	-48.033995		-6.949480	
-132.424911	-13.166403	-1452.944			
1.00000	-14.009545	-39.539255		-6.949480	
-132.424911	-8.842411	-1543.387			
COMB DB-G1-2 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	3.228683	560.931772		1.744924	
598.903107	46.650584	2612.556			
0.25000	3.228683	585.922401		1.744924	
598.903107	50.413502	2241.625			
0.50000	3.228683	611.509765		1.744924	
598.903107	54.229975	1864.400			
0.75000	3.228683	637.394260		1.744924	
598.903107	58.134709	1492.804			
1.00000	3.228683	663.598201		1.744924	
598.903107	62.086329	1122.680			
COMB DB-G1-2 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-18.895298	-157.589370		-8.852293	
-315.836680	-61.687154	-2116.801			
0.25000	-19.507059	-131.949143		-8.852293	
-315.836680	-55.090445	-2250.481			
0.50000	-20.068132	-108.637320		-8.852293	
-315.836680	-49.288525	-2384.361			
0.75000	-20.559840	-87.069419		-8.852293	
-315.836680	-44.650235	-2518.646			
1.00000	-20.978825	-73.285150		-8.852293	
-315.836680	-41.376603	-2653.346			
COMB DB-G1-3 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	3.976350	611.539868		6.296475	
659.450984	60.94297	2851.528			
0.25000	3.976350	633.720374		6.296475	
659.450984	58.459748	2401.991			
0.50000	3.976350	656.433541		6.296475	
659.450984	57.252741	1995.718			
0.75000	3.976350	679.411380		6.296475	
659.450984	59.553422	1663.061			
1.00000	3.976350	702.650801		6.296475	
659.450984	63.631518	1335.981			
COMB DB-G1-3 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-20.06701	-170.794263		-8.395661	
-604.120937	-78.460538	-2655.213			
0.25000	-20.548451	-148.077684		-8.395661	
-604.120937	-74.142432	-2780.609			
0.50000	-21.045235	-127.401408		-8.395661	
-604.120937	-70.605306	-2905.075			
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FRAME ELEMENT INTERNAL FORCES					

1.00000	-21.648976	-184.834637	-7.465633	
-960.665390	-119.149787	-5027.604		
COMB	DB		MAX	
REL_DIST	P	M2	V2	V3
T		M2	M3	
0.00000	4.175231	611.539868	9.760600	
659.450984	60.983487	2851.528		
0.25000	4.175231	633.720374	9.760600	
659.450984	58.459748	2401.991		
0.50000	4.175231	656.433541	9.760600	
659.450984	57.252741	1995.718		
0.75000	4.175231	679.411380	9.760600	
659.450984	59.553422	1663.061		
1.00000	4.175231	702.650801	9.760600	
659.450984	63.631518	1335.981		
COMB	DB		MIN	
REL_DIST	P	M2	V2	V3
T		M2	M3	
0.00000	-20.006701	-170.794263	-8.852293	
-706.298969	-81.196597	-2655.213		
0.25000	-20.548451	-148.077684	-8.852293	
-706.298969	-81.574088	-2780.069		
0.50000	-21.452335	-127.401408	-8.852293	
-706.298969	-82.932869	-2905.075		
0.75000	-21.480385	-108.282970	-8.852293	
-717.766118	-85.074199	-3030.939		
1.00000	-21.849949	-96.140823	-8.852293	
-746.249318	-87.775750	-3157.158		
COMB	DL		MAX	
REL_DIST	P	M2	V2	V3
T		M2	M3	
0.00000	7.599085	756.259533	12.488379	
870.574275	87.190705	3330.139		
0.25000	7.572736	781.314238	12.488379	
866.015237	90.127162	3058.906		
0.50000	7.561801	807.278984	12.488379	
861.457359	94.340961	2840.678		
0.75000	7.561321	833.953752	12.488379	
856.897161	100.807493	2710.336		
1.00000	7.561239	861.124168	12.488379	
852.338123	109.924313	2638.875		
COMB	DL		MIN	
REL_DIST	P	M2	V2	V3
T		M2	M3	
0.00000	-22.683733	-240.415771	-11.981709	
-894.443968	-96.317529	-3711.031		
0.25000	-23.423507	-225.635297	-11.981709	
-895.105149	-99.954991	-4099.330		
0.50000	-24.141355	-211.723375	-11.981709	
-912.716656	-104.804268	-4589.293		
0.75000	-24.821408	-198.936585	-11.981709	
-936.086968	-111.168480	-5150.265		
1.00000	-25.456027	-187.381565	-11.981709	
-960.665390	-119.149787	-5801.736		
COMB	CAR		MAX	
REL_DIST	P	M2	V2	V3
T		M2	M3	
0.00000	7.599085	756.259533	12.488379	
870.574275	87.190705	3330.139		
0.25000	7.572736	781.314238	12.488379	
866.015237	90.127162	3058.906		
0.50000	7.561801	807.278984	12.488379	
861.457359	94.340961	2840.678		
0.75000	7.561321	833.953752	12.488379	
856.897161	100.807493	2710.336		
1.00000	7.561239	861.124168	12.488379	
852.338123	109.924313	2638.875		
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COMB	CAR		MIN	
REL_DIST	P	M2	V2	V3
T		M2	M3	
0.00000	-22.683733	-240.415771	-11.981709	
-894.443968	-96.317529	-3711.031		
0.25000	-23.423507	-225.635297	-11.981709	
-895.105149	-99.954991	-4099.330		
0.50000	-24.141355	-211.723375	-11.981709	
-912.716656	-104.804268	-4589.293		
0.75000	-24.821408	-198.936585	-11.981709	
-936.086968	-111.168480	-5150.265		
1.00000	-25.456027	-187.381565	-11.981709	
-960.665390	-119.149787	-5801.736		
COMB	DESIGN		MAX	
REL_DIST	P	M2	V2	V3
T		M2	M3	
0.00000	7.599085	756.259533	12.488379	
870.574275	87.190705	3330.139		
0.25000	7.572736	781.314238	12.488379	
866.015237	90.127162	3058.906		
0.50000	7.561801	807.278984	12.488379	
861.457359	94.340961	2840.678		
0.75000	7.561321	833.953752	12.488379	
856.897161	100.807493	2710.336		
1.00000	7.561239	861.124168	12.488379	
852.338123	109.924313	2638.875		
COMB	DESIGN		MIN	
REL_DIST	P	M2	V2	V3
T		M2	M3	
0.00000	-22.683733	-240.415771	-11.981709	
-894.443968	-96.317529	-3711.031		
0.25000	-23.423507	-225.635297	-11.981709	
-895.105149	-99.954991	-4099.330		
0.50000	-24.141355	-211.723375	-11.981709	
-912.716656	-104.804268	-4589.293		
0.75000	-24.821408	-198.936585	-11.981709	
-936.086968	-111.168480	-5150.265		
1.00000	-25.456027	-187.381565	-11.981709	
-960.665390	-119.149787	-5801.736		
ELEM	22	=====	LENGTH =	5.009669
COMB	DB-G1-1		MAX	
REL_DIST	P	M2	V2	V3
T		M2	M3	
0.00000	1.930798	411.035037	1.441383	
395.539154	44.356265	673.735246		
0.25000	1.908798	430.198560	1.441383	
395.539154	44.599780	441.800780		
0.50000	1.908798	449.583558	1.441383	
395.539154	45.030333	460.524721		
0.75000	1.908798	468.891818	1.441383	
395.539154	45.601762	479.248661		
1.00000	1.908798	487.617707	1.441383	
395.539154	46.345855	498.742311		
COMB	DB-G1-1		MIN	

REL_DIST		P	V2		V3
T	M2	M3			
0.00000	-14.059548	-41.092273			-5.624599
-232.876625	-8.804496	-1543.942			
0.25000	-14.215575	-41.092273			-5.624599
-232.876625	-8.939791	-1666.180			
0.50000	-14.284191	-41.092273			-5.624599
-232.876625	-9.617093	-1788.420			
0.75000	-14.284191	-41.092273			-5.624599
-232.876625	-10.296384	-1910.867			
1.00000	-14.284191	-41.092273			-5.624599
-232.876625	-10.977176	-2045.712			
COMB DB-G1-2					MAX
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	2.910420	660.454859			3.724631
572.817945	63.822812	1123.236			
0.25000	2.910420	685.797859			3.724631
572.817945	65.011494	817.003132			
0.50000	2.910420	711.409211			3.724631
572.817945	66.422664	848.673965			
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REL_DIST		P	V2		V3
T	M2	M3			
0.75000	2.910420	736.929964			3.724631
572.817945	68.084677	880.344798			
1.00000	2.910420	762.303857			3.724631
572.817945	69.881621	913.246653			
COMB DB-G1-2					MIN
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	-21.388410	-79.986357			-7.481554
-436.808442	-41.191694	-2653.852			
0.25000	-21.659054	-75.189669			-7.481554
-436.808442	-37.900289	-2826.061			
0.50000	-21.816967	-75.189669			-7.481554
-436.808442	-37.847319	-2998.700			
0.75000	-21.836691	-75.189669			-7.481554
-436.808442	-40.575578	-3170.480			
1.00000	-21.836691	-75.189669			-7.481554
-436.808442	-43.303152	-3357.293			
COMB DB-G1-3					MAX
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	3.431833	701.182453			7.429155
704.512118	65.180264	1336.411			
0.25000	3.431833	723.673504			7.429155
704.512118	66.865130	1069.273			
0.50000	3.431833	746.403745			7.429155
704.512118	68.747672	1105.899			
0.75000	3.431833	769.052469			7.429155
704.512118	70.851151	1142.524			
1.00000	3.431833	791.545815			7.429155
704.512118	73.082231	1180.283			
COMB DB-G1-3					MIN
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	-21.977380	-100.884798			-7.563317
-695.397014	-68.248709	-3157.250			
0.25000	-22.214848	-97.038950			-7.563317
-695.397014	-65.394976	-3300.387			
0.50000	-22.352151	-97.038950			-7.563317
-695.397014	-66.008303	-3444.050			
0.75000	-22.367359	-97.038950			-7.563317
-695.397014	-68.744611	-3588.266			
1.00000	-22.367359	-97.038950			-7.563317
-695.397014	-71.563193	-3745.925			
COMB DB-G2-1					MAX
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	2.296391	99.601899			5.726537
242.824582	11.357667	387.703931			
0.25000	2.296391	99.891725			5.726537
241.757064	6.888312	393.207233			
0.50000	2.296391	100.184223			5.726537
240.863227	7.324551	401.371727			
0.75000	2.296391	100.476669			5.726537
240.001384	7.765290	409.701743			
0.25000	2.296391	100.791612			5.726537
239.178525	8.206065	418.083210			
COMB DB-G2-1					MIN
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	-3.675000	-42.736194			-1.751377
-402.919921	-41.341643	-827.126329			
0.25000	-3.680692	-42.452954			-1.751377
-403.801888	-41.229150	-794.045894			
0.50000	-3.685209	-42.289222			-1.751377
-404.750289	-41.320675	-761.862901			
0.75000	-3.688383	-42.289222			-1.751377
-405.734771	-41.529313	-731.280176			
1.00000	-3.690964	-42.289222			-1.751377
-406.848214	-41.905474	-701.623866			
COMB DB-G2-2					MAX
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	2.930500	283.098471			8.666053
438.968383	23.913986	763.867304			
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REL_DIST		P	V2		V3
T	M2	M3			
0.25000	2.930500	283.109208			8.666053
438.928800	24.091581	759.373232			
0.50000	2.930500	283.120045			8.666053
438.895662	25.569467	778.714062			
0.75000	2.930500	283.130879			8.666053
438.863709	27.047354	798.073672			
1.00000	2.930500	283.142550			8.666053
438.833200	28.572128	817.754733			
COMB DB-G2-2					MIN
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	-8.333824	-69.709345			-2.908627
-680.025959	-74.650846	-1806.355			
0.25000	-8.334035	-69.698844			-2.908627
-680.125293	-76.431582	-1794.768			

[illegible]

ELEM	24	=====	LENGTH =	REL_DIST	M2	P	M3	V2	V3	0.75000	-10.805223	-781.331278	-7.661132	0.50000	23.254648	211.709282	11.584815		
5.009724										-864.952188	-90.475831	-4118.727	-7.661132	911.493952	103.886474	2841.101	11.584815		
COMB DB-G1-1	MAX				0.25000	11.915882	68.578595	1.235561		1.00000	11.379296	-756.275460		0.75000	22.645183	225.601605	11.584815		
REL_DIST	P	V2	V3		705.499379	22.209696	799.173889			-869.511231	-89.094744	-3733.536		1.00000	22.094793	240.382878	11.584815		
0.00000	M2	M3			0.50000	11.915582	68.587907	1.235561		COMB DL-G2-1	MAX			COMB	DL	-----	MIN		
132.497011	7.639980	39.537769	6.652920		705.466996	24.977333	866.007975	1.235561		REL_DIST	M2	P	M3	V2	V3				
0.25000	6.881332	48.013449	6.652920		0.75000	11.915312	68.598230			0.00000	9.192839	69.263057	0.528777	REL_DIST	M2	M3	V2	V3	
132.497011	928.612189				705.435858	30.363718	1031.262			576.327959	15.937058	812.343632	0.528777	T					
0.50000	6.219389	64.221878	6.652920		11.915071	68.609841				0.25000	9.183914	69.433133	0.528777	0.00000	-10.983955	-861.144561	-11.964613		
132.497011	161.861				705.405642	36.850486	1317.305	1.235561		575.628582	17.410550	792.552713	0.528777	-851.275061	-134.546866	-5802.478	-11.964613		
0.75000	5.895067	81.626978	6.652920		REL_DIST	M2	P	M3	V2	0.50000	9.175733	69.621742	0.528777	0.25000	-11.370677	-833.974687	-11.964613		
132.497011	1373.583				0.00000	-6.294890	-275.527654	-8.865377		574.957216	19.919333	791.917888	0.528777	-855.834104	-124.049024	-5151.023	-11.964613		
1.00000	5.895067	100.630064	6.652920		1.00000	-74.089531	-1807.727			574.322256	23.671705	823.061209	0.528777	0.50000	-11.764073	-807.302237	-11.964613		
132.497011	1563.173				-309.517123	-74.089531	-1807.727			1.00000	9.161545	70.048312	0.528777	-860.394275	-114.698510	-4590.094	-11.964613		
COMB DB-G1-1	MIN				0.25000	-6.295279	-275.515947	-8.865377		573.732537	28.502573	889.913102		0.75000	-12.161259	-781.331278	-11.964613		
REL_DIST	P	V2	V3		-309.548043	-69.129424	-1787.120			COMB DL-G2-1	MIN			REL_DIST	M2	P	M3	V2	V3
0.00000	-9.606371	-1543.879	-0.445913		0.50000	-6.295634	-275.505184	-8.865377		REL_DIST	M2	P	M3	V2	V3				
0.25000	-3301.334	-399.632181	-0.445913		0.75000	-6.296004	-275.494509	-8.865377		0.00000	-7.179109	-142.063255	-0.902656	0.00000	24.656509	167.352139	11.584815		
-423.849034					-309.614340	-59.311599	-1746.877			0.25000	-7.185761	-141.717038	-0.902656	959.430276	123.346204	2639.067	11.584815		
-423.849034					1.00000	-6.296380	-275.484004	-8.865377		0.50000	-7.190821	-141.717038	-0.902656	0.25000	23.924678	198.906871	11.584815		
-423.849034					-309.653240	-54.528193	-1727.950			0.00000	-7.192563	-141.378384	-0.902656	934.870013	113.094235	2710.611	11.584815		
REL_DIST	P	V2	V3		COMB DB-G2-3	MAX				0.50000	-63.270936	-1181.132	-0.902656	0.50000	23.254648	211.709282	11.584815		
0.00000	-4.846576	-360.503118	-0.445913		REL_DIST	M2	P	M3	V2	0.75000	-7.199419	-141.049633	-0.902656	911.493952	103.886474	2841.101	11.584815		
-423.849034					T	0.00000	17.069230	94.328800	5.149355	-223.939646	-56.303450	-1130.589	-0.902656	0.75000	22.645183	225.601605	11.584815		
1.00000	-5.684829	-341.568032	-0.445913		T	745.60248	44.117892	1225.432		0.00000	-7.206292	-140.733749		893.917063	96.315636	3059.479	11.584815		
-423.849034					0.25000	16.501802	106.227315	5.149355		-224.750582	-49.991792	-1103.204		1.00000	22.094793	240.382878	11.584815		
REL_DIST	P	V2	V3		717.151644	41.326830	1454.681	5.149355		Program	SAP2000	Nonlinear	Version 7.42	893.258060	91.086706	3330.777			
0.00000	-14.605458	-172.320	-0.445913		0.50000	15.996261	120.414469	5.149355		File:2교부산발행S1-S403.OUT									
0.25000	-16.405458	-172.320	-0.445913		705.766268	42.185376	1695.916	5.149355		<	MOVING	Page	LOAD	>	COMB	CAR	-----	MIN	
0.50000	-16.405458	-172.320	-0.445913		0.75000	15.542220	135.948503	5.149355		REL_DIST	M2	P	M3	V2	V3				
0.75000	-16.405458	-172.320	-0.445913		705.66268	45.163202	2006.930	5.149355		0.00000	15.618216	127.207448	1.894005	0.00000	-10.983955	-861.144561	-11.964613		
1.00000	-16.405458	-172.320	-0.445913		15.137808	153.224001	2407.859	5.149355		0.25000	15.618216	127.207448	1.894005	-851.275061	-134.546866	-5802.478	-11.964613		
COMB DB-G2-2	MAX				705.766268	49.163428	2407.859	5.149355		0.50000	15.618216	127.207448	1.894005	0.25000	-11.370677	-833.974687	-11.964613		
REL_DIST	P	V2	V3		COMB DB-G2-3	MIN				0.75000	15.618216	127.207448	1.894005	-855.834104	-124.049024	-5151.023	-11.964613		
0.00000	-7.511757	-579.312043	-8.514469		REL_DIST	M2	P	M3	V2	REL_DIST	M2	P	M3	V2	V3				
-486.178133	-87.150105	-2834.071	-8.514469		0.00000	-8.184508	-561.780967	-8.514469		0.00000	15.618216	127.207448	1.894005	-860.394275	-114.698510	-4590.094	-11.964613		
0.25000	-8.184508	-561.780967	-8.514469		-489.232960	-82.228183	-2751.660	-8.514469		0.25000	15.618216	127.207448	1.894005	0.75000	-12.161259	-781.331278	-11.964613		
0.50000	-8.184508	-561.780967	-8.514469		0.50000	-8.001050	-545.056019	-8.514469		0.50000	15.618216	127.207448	1.894005	-864.952188	-106.709253	-4118.727	-11.964613		
0.75000	-8.184508	-561.780967	-8.514469		-520.615251	-77.868289	-2669.780	-8.514469		1.00000	15.618216	127.207448	1.894005	1.00000	-12.558913	-756.275460	-11.964613		
1.00000	-8.184508	-561.780967	-8.514469		0.75000	-4.202960	-528.495828	-8.514469		COMB DL-G2-2	MAX			COMB DESIGN	-----	MAX			
REL_DIST	P	V2	V3		0.50000	-74.168504	-2588.172	-8.514469		REL_DIST	M2	P	M3	V2	V3				
0.75000	-10.057146	-512.265534	-8.514469		1.00000	-71.277352	-2507.519	-8.514469		0.00000	15.617488	127.220641	1.894005	REL_DIST	M2	P	M3	V2	V3
COMB DL-G1-1	MAX				-591.129162	-71.277352	-2507.519	-8.514469		0.25000	15.617488	127.220641	1.894005	0.00000	24.656509	167.352139	11.584815		
REL_DIST	P	V2	V3		COMB DL-G1-2	MIN				0.50000	15.617488	127.220641	1.894005	959.430276	123.346204	2639.067	11.584815		
0.00000	12.462107	83.721410	8.980717		REL_DIST	M2	P	M3	V2	REL_DIST	M2	P	M3	V2	V3				
0.25000	81.346010	1230.493	8.980717		0.00000	-11.819153	93.380027	8.980717		0.00000	-9.420604	-362.789621	-11.964613	0.25000	23.924678	198.906871	11.584815		
0.50000	72.808069	1318.587	8.980717		203.807630	11.230699	104.077122	8.980717		-429.257855	-123.595464	-3099.116	-11.964613	0.50000	23.254648	211.709282	11.584815		
0.75000	64.854343	1416.528	8.980717		203.807630	64.854343	1416.528	8.980717		-429.273059	-112.200320	-2812.175	-11.964613	0.75000	23.254648	211.709282	11.584815		
1.00000	115.683551	115.683551	8.980717		0.50000	10.695551	115.683551	8.980717		0.50000	-9.420917	-362.773669	-11.964613	911.493952	103.886474	2841.101	11.584815		
REL_DIST	P	V2	V3		203.807630	57.617936	522.233	8.980717		-429.289723	-101.52395	-2576.747	-11.964613	0.75000	22.645183	225.601605	11.584815		
0.00000	10.212742	127.998975	8.980717		1.00000	10.212742	127.998975	8.980717		0.75000	-9.420176	-362.766014	-11.964613	893.917063	96.315636	3059.479	11.584815		
COMB DL-G1-1	MIN				203.807630	51.090436	1634.085	8.980717		-429.307708	-91.749165	-2394.722	-11.964613	1.00000	22.094793	240.382878	11.584815		
REL_DIST	P	V2	V3		COMB DL-G1-2	MAX				1.00000	-9.421236	-362.758660	-11.964613	COMB DESIGN	-----	MIN			
0.00000	-3.401918	-500.392080	-0.867791		REL_DIST	M2	P	M3	V2	REL_DIST	M2	P	M3	V2	V3				
-554.820485	-21.752844	-2905.017	-0.867791		0.00000	-21.752844	-2905.017	-0.867791		0.00000	23.470064	184.821160	7.128953	-851.275061	-134.546866	-5802.478	-11.964613		
0.25000	-3.895879	-476.772826	-0.867791		-551.771165	-21.466721	-2523.209	-0.867791		0.25000	22.958614	193.697444	7.128953	0.25000	-11.370677	-833.974687	-11.964613		
-548.721846	-23.294450	-2187.818	-0.867791		0.50000	-4.904484	-430.946908	-0.867791		-429.273059	-112.200320	-2812.175	-11.964613	-855.834104	-124.049024	-5151.023	-11.964613		
0.75000	-4.904484	-430.946908	-0.867791		0.75000	-26.425938	-1896.817	-0.867791		0.50000	-9.420917	-362.773669	-11.964613	0.50000	-11.764073	-807.302237	-11.964613		
-545.672526	-26.425938	-1896.817	-0.867791		1.00000	-5.411124	-409.114319	-0.867791		0.75000	-9.420176	-362.766014	-11.964613	-860.394275	-114.698510	-4590.094	-11.964613		
0.25000	-5.411124	-409.114319	-0.867791		-542.623206	-30.688246	-1648.936	-0.867791		1.00000	-9.421236	-362.758660	-11.964613	0.75000	-12.161259	-781.331278	-11.964613		
REL_DIST	P	V2	V3		Program	SAP2000	Nonlinear	Version 7.42		-429.326847	-82.831664	-2264.966		1.00000	-12.558913	-756.275460	-11.964613		
0.00000	17.112770	96.123075	8.057724		File:2교부산발행S1-S403.OUT					COMB DL-G2-3	MAX			COMB	DL	-----	MIN		
603.832817	63.992815	1336.028	8.057724																

1.00000	-9.689224	-481.598211	-1.485289
-569.480377	-62.395522	-1697.870	
COMB DB-G1-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	14.726113	139.938617	7.503192
496.366333	57.359513	2851.962	
0.25000	14.150373	159.856472	7.503192
496.366333	54.855427	3180.050	
0.50000	13.616738	181.043819	7.503192
496.366333	52.766238	3521.609	
0.75000	13.123310	203.231689	7.503192
496.366333	51.440184	3877.554	
0.00000	13.077595	226.374805	7.503192
496.366333	50.647002	4234.461	
COMB DB-G1-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.542272	-621.512916	-5.289873
-575.472582	-71.857224	-2656.141	
0.25000	-9.292282	-597.937784	-5.289873
-575.472582	-70.284496	-2544.007	
0.50000	-9.694228	-574.706186	-5.289873
-575.472582	-69.595883	-2432.156	
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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-10.652836	-551.888940	-5.289873
-575.472582	-69.948643	-2320.349	
1.00000	-11.282564	-529.769064	-5.289873
-575.472582	-71.473508	-2208.542	
COMB DB-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.338793	36.984630	0.449825
400.889781	26.711596	505.249457	
0.25000	6.331361	37.244440	0.449825
399.872898	28.765517	590.390818	
0.50000	6.324758	37.818539	0.449825
399.024082	31.746283	683.841272	
0.75000	6.318612	37.804685	0.449825
398.219834	35.746410	763.708041	
0.00000	6.312918	38.123682	0.449825
397.454924	40.672456	888.810119	
COMB DB-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.222778	-100.785944	-6.311729
-53.875840	-32.222655	-854.700715	
0.25000	-4.235853	-100.462414	-6.311729
-54.683566	-28.690734	-840.344497	
0.50000	-4.243361	-100.165555	-6.311729
-55.525726	-25.168310	-825.998279	
0.75000	-4.250395	-99.874662	-6.311729
-56.400599	-21.656737	-811.874096	
1.00000	-4.258015	-99.591447	-6.311729
-57.414626	-18.159482	-797.784152	
COMB DB-G2-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.979153	69.641879	1.136803
659.422085	41.095016	1318.775	
0.25000	10.978878	69.651505	1.136803
659.384407	43.211970	1461.840	
0.50000	10.978633	69.661660	1.136803
659.352887	46.374125	1649.315	
0.75000	10.978408	69.672261	1.136803
659.323060	49.540767	1881.410	
1.00000	10.978195	69.684088	1.136803
659.294687	56.316844	2143.863	
COMB DB-G2-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.565993	-248.174940	-8.321017
-212.851099	-58.679842	-1728.416	
0.25000	-5.566292	-248.162952	-8.321017
-212.880955	-53.338679	-1683.729	
0.50000	-5.566570	-248.151966	-8.321017
-212.912187	-48.013533	-1639.095	
0.75000	-5.566831	-248.141178	-8.321017
-212.944631	-42.740461	-1554.729	
1.00000	-5.567113	-248.130685	-8.321017
-212.982240	-37.472356	-1450.363	
COMB DB-G2-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	15.264426	124.468899	4.890007
691.500412	54.491440	2408.841	
0.25000	14.840992	139.274472	4.890007
665.636049	54.453142	2694.558	
0.50000	14.456650	154.870133	4.890007
643.565857	55.352855	3001.787	
0.75000	14.100091	171.179106	4.890007
637.824282	57.351741	328.8182	
1.00000	13.771174	188.777677	4.890007
637.824282	60.377533	3665.029	
COMB DB-G2-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.482637	-518.248314	-8.223885
-380.162612	-79.490323	-2507.807	
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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-8.988720	-500.366587	-8.223885
-405.903558	-74.255307	-2341.095	
0.50000	-9.461006	-483.376124	-8.223885
-435.902031	-70.065313	-2330.026	
0.75000	-9.903856	-466.690481	-8.223885
-474.371720	-66.367681	-2241.400	
1.00000	-10.352603	-450.491056	-8.223885
-517.532118	-63.073799	-2152.774	
COMB DL-G1-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	

0.00000	10.180840	109.695692	8.569452
104.286162	54.304142	1633.288	
0.25000	9.725587	121.381260	8.569452
104.286162	47.129126	177.9126	
0.50000	9.300253	134.108954	8.569452
104.286162	40.548044	1927.650	
0.75000	8.905515	147.718704	8.569452
104.286162	34.509600	2121.563	
1.00000	8.577258	162.002808	8.569452
104.286162	28.901245	2288.475	
COMB DL-G1-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.800903	-405.758272	-0.863157
-493.000987	-33.632977	-1649.337	
0.25000	-5.250188	-383.824019	-0.863157
-489.952304	-35.360349	-1478.516	
0.50000	-5.710248	-362.328006	-0.863157
-486.903524	-38.089068	-1350.409	
0.75000	-6.181711	-341.473214	-0.863157
-483.854744	-41.891694	-1324.802	
1.00000	-6.650915	-321.471287	-0.863157
-480.805963	-46.586248	-1305.140	
COMB DL-G1-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	16.455219	187.739244	10.985382
283.553672	83.063003	2823.380	
0.25000	15.856035	203.250245	10.985382
283.553672	73.966314	3034.081	
0.50000	15.295943	220.175842	10.985382
283.553672	65.568992	3289.186	
0.75000	14.775802	238.268407	10.985382
283.553672	57.716525	3647.075	
1.00000	14.296123	257.264003	10.985382
283.553672	50.324233	3974.446	
COMB DL-G1-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.968489	-657.866098	-2.145274
-682.318735	-64.944970	-2912.109	
0.25000	-7.540707	-629.336101	-2.145274
-687.802257	-65.441673	-2637.375	
0.50000	-8.127316	-601.425953	-2.145274
-693.268570	-67.040037	-2450.692	
0.75000	-8.724968	-574.403355	-2.145274
-698.769302	-69.817548	-2430.523	
1.00000	-9.329863	-548.526031	-2.145274
-704.252825	-73.544636	-2415.751	
COMB DL-G1-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	21.090963	221.229876	10.511113
612.156975	96.557923	3330.906	
0.25000	20.557503	235.046689	10.511113
612.156975	89.466538	3574.365	
0.50000	20.058855	250.099236	10.511113
612.156975	83.459259	3893.943	
0.75000	19.595788	266.201135	10.511113
612.156975	78.566294	4331.640	
1.00000	19.167673	282.123610	10.511113
612.156975	74.579541	4744.278	
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REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-10.315917	-721.809610	-7.386356
-725.658754	-95.866308	-3734.261	
0.25000	-10.826033	-696.398142	-7.386356
-730.216990	-91.512179	-3449.712	
0.50000	-11.348932	-671.535410	-7.386356
-734.775225	-88.700745	-3275.579	
0.75000	-11.881648	-647.462577	-7.386356
-739.333461	-87.310858	-3249.548	
1.00000	-12.420008	-624.408485	-7.386356
-743.891696	-87.079329	-3245.677	
COMB DL-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.672152	62.972947	0.697625
511.621349	31.636122	891.177894	
0.25000	6.664839	63.168184	0.697625
510.922691	33.656389	953.255255	
0.50000	6.657990	63.381431	0.697625
510.250700	36.701565	1052.119	
0.75000	6.651615	63.610034	0.697625
509.645762	40.823439	1175.387	
1.00000	6.645721	63.851601	0.697625
509.086558	45.829891	1299.479	
COMB DL-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.421111	-137.942384	-8.772390
-118.688545	-53.472891	-1103.207	
0.25000	-6.420248	-137.609287	-8.772390
-119.353991	-46.291007	-1070.004	
0.50000	-6.433587	-137.285428	-8.772390
-120.073386	-39.684432	-1083.907	
0.75000	-6.440092	-136.974170	-8.772390
-120.837895	-33.591046	-1126.521	
1.00000	-6.446722	-136.678023	-8.772390
-121.636732	-27.912266	-1169.199	
COMB DL-G2-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	14.289952	128.107076	1.850581
791.869715	57.596065	1922.948	
0.25000	14.289782	128.111635	1.850581
791.853123	59.065782	2032.433	
0.50000	14.289622	128.116614	1.850581
791.837406	61.661870	2229.151	
0.75000	14.289473	128.121953	1.850581
791.822798	65.486636	2507.634	
1.00000	14.289335	128.127595	1.850581
791.809491	70.318754	2794.589	
COMB DL-G2-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.681405	-327.216288	-11.405028
-57.113542	-87.113542	-2265.171	
0.25000	-8.681547	-327.208520	-11.405028
-304.412161	-77.430475	-2154.129	
0.50000	-8.681695	-327.200975	-11.405028
-304.429140	-68.431339	-2137.798	
0.75000	-8.681846	-327.193722	-11.405028

0.75000 -3.753842 -84.109667 -5.236172
-59.224963 -11.908138 -715.599033
1.00000 -3.760866 -83.824633
-60.215827 -9.182001 -688.291399

COMB DB-G2-2 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 9.619831 80.306196 3.035734
575.897376 61.977331 2145.146
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FRAME ELEMENT INTERNAL
FORCES
REL_DIST M2 P M3 V2 V3
T 0.00000 9.619831 80.306196 3.035734
0.25000 61.587444 2243.452
0.50000 9.619327 80.326745 3.035734
575.828930 62.339683 2381.626
0.75000 9.619098 80.337665 3.035734
575.799296 64.471589 2560.814
1.00000 9.618879 80.349769 3.035734
575.771773 67.863951 2768.599

COMB DB-G2-2 ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -5.080961 -209.742500 -7.031173
-212.304909 -40.329564 1550.574
0.25000 -5.081195 -209.702076 -7.031173
-212.334261 -35.895273 -1490.477
0.50000 -5.081424 -209.719074 -7.031173
-212.364911 -31.469598 -1430.528
0.75000 -5.081652 -209.708149 -7.031173
-212.396638 -27.049782 1370.691
1.00000 -5.081913 -209.697589 -7.031173
-212.433389 -22.651363 -1310.853

COMB DB-G2-3 ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 13.766133 161.704233 6.049414
638.006431 66.453203 3665.867
0.25000 13.381547 177.073675 6.049414
600.777924 64.691200 3873.476
0.50000 13.024083 193.267805 6.049414
579.338157 63.957765 4095.864
0.75000 12.682009 210.115142 6.049414
565.923266 64.470733 4332.912
1.00000 12.357347 228.185528 6.049414
565.923266 67.12435 4573.567

COMB DB-G2-3 ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -8.810546 -452.993139 -7.903957
-347.338623 -70.981292 -2152.938
0.25000 -8.181045 -434.718626 -7.903957
-379.889377 -65.942089 -2058.947
0.50000 -9.545808 -417.408453 -7.903957
-415.145050 -61.757620 -1965.138
0.75000 -9.906851 -400.510334 -7.903957
-452.125040 -58.194775 -1871.502
1.00000 10.293685 -384.200251 -7.903957
-493.783877 -55.020209 -1777.908

COMB DL-G1-1 ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 9.088056 135.433312 6.698790
63.495816 31.174461 2287.240
0.25000 8.702178 148.864531 6.698790
63.495816 26.584269 2463.347
0.50000 8.331567 163.328644 6.698790
63.495816 22.51791 2608.758
0.75000 7.979380 178.633219 6.698790
63.495816 18.382847 2722.534
1.00000 7.648624 194.595958 6.698790
63.495816 14.607047 2804.863

COMB DL-G1-1 ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -8.589108 -336.341357 -1.908036
-382.310847 -50.918818 -1304.828
0.25000 -8.258889 -315.59899 -1.908036
-379.261354 -51.785595 -1301.712
0.50000 -6.729535 -295.361199 -1.908036
-376.212021 -53.473276 -1298.619
0.75000 -7.186565 -275.838061 -1.908036
-373.162367 -56.003795 1295.058
1.00000 7.653197 -257.225646 -1.908036
-370.112874 -59.220966 -1292.079
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FRAME ELEMENT INTERNAL
FORCES
COMB DL-G1-2 ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 14.586784 230.057802 8.902593
242.355517 52.564828 3973.177
0.25000 14.066517 247.750357 8.902593
242.355517 46.417611 4241.965
0.50000 13.567499 266.801109 8.902593
242.355517 40.669670 4483.033
0.75000 13.039685 286.982730 8.902593
242.355517 35.224021 4701.264
1.00000 12.694733 308.050912 8.902593
242.351089 29.996435 4891.349

COMB DL-G1-2 ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -8.452614 -547.428912 -3.356369
-566.332065 -79.991127 -2415.523
0.25000 -8.999306 -520.352926 -3.356369
-571.816870 -79.559722 -2420.299
0.50000 -9.568603 -493.986961 -3.356369
-577.301675 -80.036077 -2424.991
0.75000 -10.156520 -468.600195 -3.356369
-582.786480 -81.461324 -2429.732
1.00000 -10.758141 -444.444182 -3.356369
-589.734312 -83.628866 -2434.627

COMB DL-G1-3 ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 18.601008 261.985840 9.361215

501.649026 79.995490 4744.005
0.25000 18.138310 277.737295 9.361215
501.649026 74.867748 5059.043
0.50000 17.694333 294.697892 9.361215
501.649026 70.484146 5354.188
0.75000 17.272842 312.664641 9.361215
501.649026 66.832300 5635.253
1.00000 16.877023 331.419794 9.361215
501.649026 63.776150 5887.646

COMB DL-G1-3 ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -11.349659 -602.135530 -7.346794
-588.879108 -94.522537 -3245.752
0.25000 -11.836898 -578.021948 -7.346794
-593.438410 -91.018875 -3256.154
0.50000 -12.344244 -554.540505 -7.346794
-597.997712 -88.569736 -3266.453
0.75000 -12.868173 -531.925832 -7.346794
-602.557014 -87.164998 -3231.842
1.00000 -13.404240 -510.408066 -7.346794
-607.116315 -86.603954 -3247.336

COMB DL-G2-1 ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 7.759910 64.799859 1.832928
392.767974 50.375881 1300.788
0.25000 7.753014 65.015878 1.832928
392.685225 51.363298 1387.550
0.50000 7.746428 65.249078 1.832928
391.406834 53.098455 1475.775
0.75000 7.740198 65.496993 1.832928
390.794437 55.726792 1565.519
1.00000 7.734359 65.756859 1.832928
390.239180 59.064030 1655.570

COMB DL-G2-1 ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -5.872247 -121.445833 -6.917241
-76.402614 -30.426685 -1169.534
0.25000 -5.878254 -121.125024 -6.917241
-77.054108 -25.678517 -1195.861
0.50000 -5.884574 -120.815061 -6.917241
-77.756238 -21.277478 -1222.262
0.75000 -5.891154 -120.518685 -6.917241
-78.499934 -17.137144 -1248.676
1.00000 -5.897947 -120.239078 -6.917241
-79.273745 -13.180955 -1275.099
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FRAME ELEMENT INTERNAL
FORCES
COMB DL-G2-2 ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 12.553948 141.142572 3.241386
642.036262 75.879206 2796.312
0.25000 12.553787 141.147613 3.241386
642.019651 76.081592 2953.032
0.50000 12.553633 141.153055 3.241386
642.003950 77.203819 3126.091
0.75000 12.549817 141.158840 3.241386
641.989403 79.306667 3322.537
1.00000 12.553531 141.164905 3.241386
641.976202 82.205892 3527.678

COMB DL-G2-2 ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -8.253980 -278.074070 -9.197683
-250.641078 -55.192773 -2255.388
0.25000 -8.254127 -278.066590 -9.197683
-250.654478 -48.479265 -2294.786
0.50000 -8.254262 -278.059365 -9.197683
-250.673067 -42.178183 -2334.228
0.75000 -8.254420 -278.054640 -9.197683
-250.690663 -36.195518 -2373.670
1.00000 -8.254579 -278.045940 -9.197683
-250.708940 -30.446438 -2413.132

COMB DL-G2-3 ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 18.421644 235.031575 7.163114
709.843961 88.880409 4310.634
0.25000 18.063883 246.694029 7.163114
685.933978 86.323538 4591.087
0.50000 17.721526 259.270847 7.163114
663.381401 84.788283 4861.060
0.75000 17.397015 272.614333 7.163114
642.734464 84.405040 5127.380
1.00000 17.092666 286.575760 7.163114
632.236917 85.150382 5375.456

COMB DL-G2-3 ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -11.550804 -602.135530 -9.744648
-588.879108 -94.522537 -3245.752
0.25000 -11.893193 -578.021948 -9.744648
-593.438410 -91.018875 -3256.154
0.50000 -12.344244 -554.540505 -9.744648
-597.997712 -88.569736 -3266.453
0.75000 -12.868173 -531.925832 -9.744648
-602.557014 -87.164998 -3231.842
1.00000 -13.404240 -510.408066 -9.744648
-607.116315 -86.603954 -3247.336

COMB DB ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 18.601008 261.985840 9.361215
709.843961 88.880409 4744.005
0.25000 18.138310 277.737295 9.361215
685.933978 86.323538 5059.043
0.50000 17.721526 294.697892 9.361215
663.381401 84.788283 5354.188
0.75000 17.397015 312.664641 9.361215
642.734464 84.405040 5635.253
1.00000 17.092666 331.419794 9.361215
641.976202 85.150382 5887.646

COMB DB ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -11.550804 -602.135530 -9.744648
-588.879108 -94.522537 -3245.752
0.25000 -11.893193 -578.021948 -9.744648
-593.438410 -91.018875 -3256.154
0.50000 -12.344244 -554.540505 -9.744648
-597.997712 -88.569736 -3266.453
0.75000 -12.868173 -531.925832 -9.744648
-602.557014 -87.164998 -3231.842
1.00000 -13.404240 -510.408066 -9.744648
-607.116315 -86.603954 -3247.336
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FRAME ELEMENT INTERNAL
FORCES
COMB DB-G1-1 ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 5.307958 148.627871 4.275769
75.917233 11.958292 2647.531
0.25000 4.919859 167.065511 4.275769
75.917233 10.265970 2742.159
0.50000 4.533609 186.499200 4.275769
75.917233 8.579898 2807.532
0.75000 4.159649 206.633284 4.275769
75.917233 6.903030 2843.452
1.00000 4.108777 227.057502 4.275769
75.917233 5.246179 2851.312

COMB DB-G1-1 ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -6.340300 -291.417419 -3.202796
-248.044045 -56.304007 -718.974875
0.25000 -6.893837 -270.875103 -3.202796
-248.044045 -55.231941 -675.701992
0.50000 -7.267754 -250.459447 -3.202796
-248.044045 -54.938340 -632.429109
0.75000 -7.652532 -230.606364 -3.202796
-248.044045 -55.305040 -599.156226
1.00000 -8.040551 -211.582344 -3.202796
-248.044045 -57.709936 -545.883342

1.00000 -11.722895 -451.376653 -7.903957
-508.800008 -73.290157 -1791.408
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL
FORCES
COMB DL ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 18.601008 261.985840 9.361215
709.843961 88.880409 4744.005
0.25000 18.138310 277.737295 9.361215
685.933978 86.323538 5059.043
0.50000 17.721526 294.697892 9.361215
663.381401 84.788283 5354.188
0.75000 17.397015 312.664641 9.361215
642.734464 84.405040 5635.253
1.00000 17.092666 331.419794 9.361215
641.976202 85.150382 5887.646

COMB DL ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -11.550804 -602.135530 -9.744648
-588.879108 -94.522537 -3245.752
0.25000 -11.893193 -578.021948 -9.744648
-593.438410 -91.018875 -3256.154
0.50000 -12.344244 -554.540505 -9.744648
-597.997712 -88.569736 -3266.453
0.75000 -12.868173 -531.925832 -9.744648
-602.557014 -87.164998 -3231.842
1.00000 -13.404240 -510.408066 -9.744648
-607.116315 -86.603954 -3247.336

COMB CAR ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 18.601008 261.985840 9.361215
709.843961 88.880409 4744.005
0.25000 18.138310 277.737295 9.361215
685.933978 86.323538 5059.043
0.50000 17.721526 294.697892 9.361215
663.381401 84.788283 5354.188
0.75000 17.397015 312.664641 9.361215
642.734464 84.405040 5635.253
1.00000 17.092666 331.419794 9.361215
641.976202 85.150382 5887.646

COMB CAR ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -11.550804 -602.135530 -9.744648
-588.879108 -94.522537 -3245.752
0.25000 -11.893193 -578.021948 -9.744648
-593.438410 -91.018875 -3256.154
0.50000 -12.344244 -554.540505 -9.744648
-597.997712 -88.569736 -3266.453
0.75000 -12.868173 -531.925832 -9.744648
-602.557014 -87.164998 -3231.842
1.00000 -13.404240 -510.408066 -9.744648
-607.116315 -86.603954 -3247.336

COMB DESIGN ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 18.601008 261.985840 9.361215
709.843961 88.880409 4744.005
0.25000 18.138310 277.737295 9.361215
685.933978 86.323538 5059.043
0.50000 17.721526 294.697892 9.361215
663.381401 84.788283 5354.188
0.75000 17.397015 312.664641 9.361215
642.734464 84.405040 5635.253
1.00000 17.092666 331.419794 9.361215
641.976202 85.150382 5887.646

COMB DESIGN ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -11.550804 -602.135530 -9.744648
-588.879108 -94.522537 -3245.752
0.25000 -11.893193 -578.021948 -9.744648
-593.438410 -91.018875 -3256.154
0.50000 -12.344244 -554.540505 -9.744648
-597.997712 -88.569736 -3266.453
0.75000 -12.868173 -531.925832 -9.744648
-602.557014 -87.164998 -3231.842
1.00000 -13.404240 -510.408066 -9.744648
-607.116315 -86.603954 -3247.336
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FRAME ELEMENT INTERNAL
FORCES
ELEM 5.009197 27 ===== LENGTH =

COMB DB-G1-1 ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 5.307958 148.627871 4.275769
75.917233 11.958292 2647.531
0.25000 4.919859 167.065511 4.275769
75.917233 10.265970 2742.159
0.50000 4.533609 186.499200 4.275769
75.917233 8.579898 2807.532
0.75000 4.159649 206.633284 4.275769
75.917233 6.903030 2843.452
1.00000 4.108777 227.057502 4.275769
75.917233 5.246179 2851.312

COMB DB-G1-1 ----- MIN
REL_DIST M2 P M3 V2 V3
T 0.00000 -6.340300 -291.417419 -3.202796
-248.044045 -56.304007 -718.974875
0.25000 -6.893837 -270.875103 -3.202796
-248.044045 -55.231941 -675.701992
0.50000 -7.267754 -250.459447 -3.202796
-248.044045 -54.938340 -632.429109
0.75000 -7.652532 -230.606364 -3.202796
-248.044045 -55.305040 -599.156226
1.00000 -8.040551 -211.582344 -3.202796
-248.044045 -57.709936 -545.883342

COMB DB-G1-2 ----- MAX
REL_DIST M2 P M3 V2 V3
T 0.00000 9.511632 234.765359 5.773736
225.053267 20.882310 4525.272
0.25000 8.972114 259.152073 5.773736

218.130638 18.643346 4640.142
0.50000 8.446637 284.784876 5.773736
218.130638 16.417017 4737.818
0.75000 7.937192 313.35456 5.773736
218.130638 14.216337 4

254				
F R A M E E L E M E N T I N T E R N A L				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.25000	-9.205622	-365.727649		-7.585701
-362.016521	-57.851886	-1681.318		-7.585701
0.50000	-9.539553	-348.260500		-7.585701
-396.525699	-53.955713	-1584.659		-7.585701
0.75000	-9.883543	-331.263372		-7.585701
-432.923605	-50.679117	-1488.001		-7.585701
1.00000	-10.259547	-314.913492		-7.585701
-473.984311	-47.784835	-1391.342		-7.585701
COMB DL-G1-1 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	8.327442	162.607549		4.994727
103.964432	16.119983	2804.137		4.994727
0.25000	7.964857	177.518552		4.994727
103.970630	13.555376	2906.809		4.994727
0.50000	7.611658	193.433464		4.994727
103.970630	11.180717	2977.928		4.994727
103.970630	7.726244	210.174061		4.994727
1.00000	6.951746	227.320664		4.994727
103.970630	6.768698	3024.300		4.994727
COMB DL-G1-1 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	-6.651716	-284.103445		-3.095965
-281.771674	-64.476166	-1291.925		-3.095965
0.25000	-7.070300	-264.470877		-3.095965
-278.728770	-63.807726	-1298.195		-3.095965
0.50000	-7.508972	-245.383194		-3.095965
-275.679746	-63.797557	-1304.450		-3.095965
0.75000	-7.963860	-227.079320		-3.095965
-272.630741	-64.500626	-1310.784		-3.095965
1.00000	-8.430744	-209.725739		-3.095965
-269.581726	-65.793194	-1317.305		-3.095965
COMB DL-G1-2 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	13.024893	277.695920		6.993777
264.372556	31.524397	4890.579		6.993777
0.25000	12.549622	297.213248		6.993777
260.425079	27.767557	5000.712		6.993777
0.50000	12.070422	318.068191		6.993777
260.249544	24.378286	5141.627		6.993777
0.75000	11.610264	340.034867		6.993777
260.249544	21.395011	5230.582		6.993777
1.00000	11.176378	362.850580		6.993777
260.248029	18.609575	5288.113		6.993777
COMB DL-G1-2 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	-9.692876	-459.652720		-4.824862
-443.726869	-91.246210	-2434.514		-4.824862
0.25000	-10.231272	-433.966049		-4.824862
-447.594183	-89.064571	-2450.490		-4.824862
0.50000	-10.797202	-409.055703		-4.824862
-452.902581	-87.766604	-2466.395		-4.824862
0.75000	-11.385732	-385.181679		-4.824862
-458.386548	-87.517413	-2482.386		-4.824862
1.00000	-11.991378	-362.580517		-4.824862
-466.481273	-87.988522	-2498.365		-4.824862
COMB DL-G1-3 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	16.150979	311.681463		8.403803
449.073670	69.136073	5887.444		8.403803
0.25000	15.712361	329.061527		8.403803
447.841102	65.118392	6043.989		8.403803
0.50000	15.286217	347.632148		8.403803
447.759805	61.750179	6178.963		8.403803
0.75000	14.877606	367.191623		8.403803
447.759805	59.175050	6299.537		8.403803
1.00000	14.491107	387.505765		8.403803
447.759805	57.178473	6393.922		8.403803
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F R A M E E L E M E N T I N T E R N A L				
COMB DL-G1-3 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	-12.231740	-498.499208		-7.645844
-505.556485	-94.538968	-3247.371		-7.645844
0.25000	-12.711501	-475.624666		-7.645844
-508.882503	-90.625743	-3274.924		-7.645844
0.50000	-13.215747	-453.439402		-7.645844
-513.359780	-87.766604	-3306.712		-7.645844
0.75000	-13.740072	-432.176877		-7.645844
-517.918386	-87.517413	-3338.989		-7.645844
1.00000	-14.279588	-412.046636		-7.645844
-522.476972	-84.667680	-3357.509		-7.645844
COMB DL-G2-1 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	6.463164	70.447514		3.100395
278.624368	14.733722	1656.533		3.100395
0.25000	6.456445	70.680762		3.100395
277.916636	14.021131	1696.799		3.100395
0.50000	6.449964	70.931245		3.100395
277.242613	13.866990	1738.698		3.100395
0.75000	6.443781	71.196461		3.100395
276.612663	14.443579	1781.545		3.100395
1.00000	6.437952	71.735732		3.100395
276.036399	15.710738	1825.453		3.100395
COMB DL-G2-1 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	-5.442523	-94.687474		-5.156714
-98.406767	-14.933037	-1275.268		-5.156714
0.25000	-5.448549	-94.380819		-5.156714
-99.027464	-12.139317	-1292.468		-5.156714
0.50000	-5.454956	-94.085390		-5.156714
-99.701782	-9.540749	-1309.669		-5.156714
0.75000	-5.461692	-93.803847		-5.156714
-100.420364	-7.084834	-1326.871		-5.156714
1.00000	-5.468697	-93.538930		-5.156714
-101.172995	-4.722818	-1344.067		-5.156714
COMB DL-G2-2 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	10.318257	162.763221		4.775713
505.852917	89.157561	3528.641		4.775713

0.25000	10.318100	162.768661		4.775713
505.836132	87.396966	3587.940		4.775713
0.50000	10.317948	162.774503		4.775713
505.820152	86.511944	3662.420		4.775713
0.75000	10.317803	162.780690		4.775713
505.805212	86.650416	3759.686		4.775713
1.00000	10.317667	162.787155		4.775713
505.791533	87.652047	3868.253		4.775713
COMB DL-G2-2 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	-8.022292	-220.203786		-7.219210
-291.232029	-32.573334	-2413.403		-7.219210
0.25000	-8.022433	-220.196635		-7.219210
-291.246717	-28.168191	-2442.101		-7.219210
0.50000	-8.022582	-220.189746		-7.219210
-291.262668	-24.144415	-2470.785		-7.219210
0.75000	-8.022739	-220.183184		-7.219210
-291.279664	-20.535392	-2499.473		-7.219210
1.00000	-8.022902	-220.177007		-7.219210
-291.297466	-17.155653	-2528.162		-7.219210
COMB DL-G2-3 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	15.777074	275.618147		7.601253
614.474943	91.679748	5375.953		7.601253
0.25000	15.432976	288.344927		7.601253
589.375824	88.716859	5511.530		7.601253
0.50000	15.099914	301.979480		7.601253
565.461711	86.701073	5635.053		7.601253
0.75000	14.781411	316.380581		7.601253
543.319103	85.763332	5753.801		7.601253
1.00000	14.480744	331.383659		7.601253
523.478211	85.745548	5856.703		7.601253
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F R A M E E L E M E N T I N T E R N A L				
COMB DL-G2-3 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	-11.905755	-427.265121		-8.677782
-420.595897	-73.959643	-3242.263		-8.677782
0.25000	-12.245981	-410.517507		-8.677782
-444.057796	-68.791799	-3274.483		-8.677782
0.50000	-12.605276	-394.330169		-8.677782
-469.847753	-64.353651	-3306.712		-8.677782
0.75000	-12.981083	-378.862820		-8.677782
-497.408056	-60.730600	-3338.989		-8.677782
1.00000	-13.369828	-364.263610		-8.677782
-526.152893	-57.643112	-3371.192		-8.677782
COMB DB ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	11.881684	244.184314		7.333137
579.648810	74.508003	5200.491		7.333137
0.25000	11.499806	265.826538		7.333137
569.375824	72.092522	5326.910		7.333137
0.50000	11.140370	288.577073		7.333137
506.428479	70.805305	5446.119		7.333137
0.75000	10.791077	312.160484		7.333137
480.273934	70.870540	5570.399		7.333137
1.00000	10.455172	338.791438		7.333137
499.569586	72.350472	5690.939		7.333137
COMB DB ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	-10.904828	-469.067104		-7.585701
-456.820241	-81.254878	-1791.488		-7.585701
0.25000	-10.518818	-444.607597		-7.585701
-456.820241	-77.230617	-1690.880		-7.585701
0.50000	-10.962964	-420.719703		-7.585701
-456.820241	-74.836620	-1590.271		-7.585701
0.75000	-11.420212	-397.486399		-7.585701
-456.820241	-74.179627	-1489.662		-7.585701
1.00000	-11.895058	-375.183463		-7.585701
-473.984311	-74.922319	-1391.342		-7.585701
COMB DL ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	16.150979	311.681463		8.403803
614.474943	91.679748	5887.444		8.403803
0.25000	15.712361	329.061527		8.403803
589.375824	88.716859	6043.989		8.403803
0.50000	15.286217	347.632148		8.403803
565.461711	86.701073	6178.963		8.403803
0.75000	14.877606	367.191623		8.403803
543.319103	86.650416	6299.537		8.403803
1.00000	14.491107	387.505765		8.403803
523.478211	87.652047	6393.922		8.403803
COMB DL ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	-12.231740	-498.499208		-8.677782
-505.556485	-94.538968	-3247.371		-8.677782
0.25000	-12.711501	-475.624666		-8.677782
-508.882503	-90.625743	-3274.942		-8.677782
0.50000	-13.215477	-453.439402		-8.677782
-513.359780	-87.766044	-3306.712		-8.677782
0.75000	-13.740077	-432.176820		-8.677782
-517.918386	-87.571413	-3338.989		-8.677782
1.00000	-14.279588	-412.046636		-8.677782
-526.152893	-87.888522	-3371.192		-8.677782
COMB CAR ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3
0.00000	16.150979	311.681463		8.403803
614.474943	91.679748	5887.444		8.403803
0.25000	15.712361	329.061527		8.403803
589.375824	88.716859	6043.989		8.403803
0.50000	15.286217	347.632148		8.403803
565.461711	86.701073	6178.963		8.403803
0.75000	14.877606	367.191623		8.403803
543.319103	86.650416	6299.537		8.403803
1.00000	14.491107	387.505765		8.403803
523.478211	87.652047	6393.922		8.403803
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F R A M E E L E M E N T I N T E R N A L				
COMB CAR ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P	V2	V3

COMB DL-G1-2					MIN					77.106629 75.465081 5693.137 7.741169					REL DIST T M2 P M3 V2 V3					0.25000 7.229819 327.096889 8.129736				
REL DIST T M2 P M3 V2 V3					441.896222 72.567723 5687.009 7.741169					-0.00000 -6.906599 -224.66482 -4.814902					420.175246 71.219995 4943.618 8.129736									
0.00000 -11.110051 -387.833177 -6.177218					0.75000 8.815048 369.824124 7.741169					-63.554379 -64.015029 -669.646735 -4.814902					383.648983 68.519469 4826.1010 8.129736									
-330.529978 -96.042577 -336.890290					424.285921 71.428285 5697.410 7.741169					0.25000 -7.265327 -724.61862 -4.814902					0.75000 6.965582 361.505997 8.129736									
0.25000 -11.664897 -363.566205 -6.177218					1.00000 8.374925 597.489032 7.741169					63.554379 -64.015033 -702.567674 -4.814902					349.023234 67.021770 434.432 8.129736									
-330.708589 -92.596535 -2521.688					424.285921 72.668264 5697.323					0.50000 -7.648895 -184.604714 -4.814902					0.25000 6.603166 379.942401 8.129736									
0.50000 -12.249988 -340.118833 -6.177218					COMB DB DB ----- MIN					-63.554379 -58.003048 -775.466832 -4.814902					316.856787 67.021341 4625.668									
-332.357880 -89.789640 -2545.018					REL DIST T M2 P M3 V2 V3					-63.554379 -51.553251 -828.382376 -4.814902					COMB DB-G2-3 ----- MIN									
0.75000 -12.859818 -317.759047					0.00000 -10.483632 -395.422349 -7.363855					0.25000 -10.906207 -370.228337 -7.363855					REL DIST T M2 P M3 V2 V3									
-335.158844 -88.513014					-422.081563 -62.682049 -1391.365					0.50000 -11.824423 -323.333724 -7.363855					0.00000 -9.469733 -262.352170 -6.649517									
1.00000 -13.488719 296.708653 -6.177218					0.25000 -10.906207 -370.228337					0.75000 -11.244421 -283.558732 -7.363855					-477.892594 -49.755120 -1697.893									
-344.408775 -86.038136 -2591.768					0.50000 -11.354775 -346.394310 -7.363855					REL DIST T M2 P M3 V2 V3					Program SAP2000 Nonlinear Version 7.42									
COMB DL-G1-3 ----- MAX					-449.564363 -75.221924 1461.334					0.00000 -10.230387 -336.968653 -6.526826					File:2교부산반향S1-S403.OUT									
REL DIST T M2 P M3 V2 V3					542.236034 95.399660 6393.837					-215.032918 -12.721811 -234.470670 -6.526826					COMB DB-G1-2 ----- MIN									
0.00000 13.907398 375.363789 7.998775					0.25000 13.466295 394.215680 8.307093					0.50000 12.213081 4728.376					0.25000 7.157931 309.754572									
471.236308 62.583730 6393.837					515.161277 91.995176 6390.993 8.307093					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
0.25000 13.466295 394.215680 7.998775					0.50000 13.036641 414.226733 8.307093					1.00000 14.225296 4630.223					0.25000 7.278264 376.708083									
466.311449 59.310657 6390.993					465.192378 87.454317 6325.128 8.307093					0.25000 12.213081 4728.376					413.554937 10.204448 4821.817									
0.50000 13.036641 414.226733 7.998775					461.080460 53.229871 6262.063					0.50000 7.614363 402.828710					413.554937 12.213081 4728.376									
463.066981 56.451977 6395.839					465.192378 87.454317 6325.128 8.307093					0.75000 6.167817 429.654093					413.554937 14.225296 4630.223									
0.75000 12.624331 435.192510 7.998775					461.080460 53.229871 6262.063					1.00000 5.92041 457.099157					413.554937 16.238037 4515.814									
461.370428 54.474415 6325.128					< MOVING Page LOAD >					COMB DB-G1-2 ----- MIN					REL DIST T M2 P M3 V2 V3									
1.00000 12.234406 456.880001 7.998775					0.00000 -10.230387 -336.968653 -6.526826					0.25000 -10.715331 -309.754572 -6.526826					0.50000 -12.213081 -4728.376									
461.080460 53.229871 6262.063					COMB DL-G1-3 ----- MAX					-215.032918 -12.721811 -234.470670 -6.526826					0.75000 16.167817 429.654093									
REL DIST T M2 P M3 V2 V3					COMB DL-G1-3 ----- MIN					0.00000 -10.230387 -336.968653 -6.526826					1.00000 5.92041 457.099157									
0.00000 -13.04923 -410.248621 -8.084361					REL DIST T M2 P M3 V2 V3					0.25000 -10.715331 -309.754572 -6.526826					413.554937 16.238037 4515.814									
458.390852 -92.693662 -134.110732					0.00000 13.907398 375.363789 8.307093					0.50000 -12.213081 -4728.376					COMB DB-G1-2 ----- MIN									
-458.490933 -88.473784 -3387.935					542.236034 95.399660 6393.837					0.75000 16.167817 429.654093					1.00000 5.92041 457.099157									
0.50000 -14.320400 -367.760807 -8.084361					0.25000 13.466295 394.215680 8.307093					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
-459.805310 -84.963716 -319.1812.294					515.161277 91.995176 6390.993 8.307093					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
0.75000 -14.863676 -347.848418					0.50000 13.036641 414.226733 8.307093					1.00000 14.225296 4630.223					0.25000 7.278264 376.708083									
-462.667601 -93.036666 -329.101425					465.192378 87.454317 6325.128 8.307093					0.25000 12.213081 4728.376					413.554937 10.204448 4821.817									
1.00000 -15.423807 -329.101425					461.080460 53.229871 6262.063					0.50000 7.614363 402.828710					413.554937 12.213081 4728.376									
-467.478664 -82.361750 -3479.094					COMB DL-G2-1 ----- MAX					-215.032918 -12.721811 -234.470670 -6.526826					0.75000 16.167817 429.654093									
COMB DL-G2-1 ----- MAX					REL DIST T M2 P M3 V2 V3					0.25000 -10.715331 -309.754572 -6.526826					1.00000 5.92041 457.099157									
REL DIST T M2 P M3 V2 V3					COMB DL-G2-1 ----- MIN					0.00000 -10.230387 -336.968653 -6.526826					413.554937 16.238037 4515.814									
0.00000 4.969643 81.810766 4.298638					REL DIST T M2 P M3 V2 V3					0.25000 -10.715331 -309.754572 -6.526826					0.50000 -12.213081 -4728.376									
168.195509 71.958993 1825.766					0.00000 -13.04923 -410.248621 -8.084361					0.75000 16.167817 429.654093					1.00000 5.92041 457.099157									
0.25000 4.962889 82.060805 4.298638					-458.390852 -96.042577 -3371.275					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
167.464598 69.547355 1813.502					0.25000 13.792949 -388.640516 -8.084361					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
4.965636 4.965636 82.327667					515.161277 91.995176 6390.993 8.307093					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
166.765869 67.572232 1802.688					0.50000 -14.320400 -367.760807 -8.084361					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
0.75000 4.950148 82.608908 4.298638					-501.591669 -89.789640 -3430.674					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
166.111642 66.198039 1792.870					0.75000 -14.863676 -347.848418 -8.084361					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
1.00000 4.942494 82.901665 4.298638					-527.260281 -88.513014 -3460.364					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
165.511068 65.639396 1783.764					1.00000 15.423807 -329.101425 -8.084361					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
COMB DL-G2-1 ----- MAX					-554.122616 -88.038136 -3490.058					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
REL DIST T M2 P M3 V2 V3					COMB DL-G2-1 ----- MIN					0.00000 -10.230387 -336.968653 -6.526826					1.00000 5.92041 457.099157									
0.00000 -5.052668 -67.433209 -3.880851					REL DIST T M2 P M3 V2 V3					0.25000 -10.715331 -309.754572 -6.526826					0.50000 -12.213081 -4728.376									
184.195924 -1.1410732 -134.110732					0.00000 13.907398 375.363789 8.307093					0.75000 16.167817 429.654093					1.00000 5.92041 457.099157									
0.25000 -0.502597 -67.140736 -3.880851					542.236034 95.399660 6393.837					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
-184.783407 -4.716106 -1355.262					0.25000 13.466295 394.215680 8.307093					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
0.50000 -0.506932 -66.859973 -3.880851					0.50000 13.907398 375.363789 8.307093					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
-185.434913 -3.389632 -1366.361					0.75000 16.167817 429.654093					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
0.75000 -5.076448 -66.593821 -3.880851					0.50000 13.036641 414.226733 8.307093					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
166.765869 67.572232 1802.688					465.192378 87.454317 6325.128 8.307093					0.25000 12.213081 4728.376					425.332904 7.157931 4699.722									
1.00000 -5.083849 -66.344406 -3.880851					461.080460 53.229871 6262.063					0.50000 7.614363 402.828710					413.554937 10.204448 4821.817									
-186.860513 -1.006340 -1388.554					465.192378 87.454317 6325.128 8.307093					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
Program SAP2000 Nonlinear Version 7.42					461.080460 53.229871 6262.063					0.50000 7.614363 402.828710					413.554937 10.204448 4821.817									
File:2교부산반향S1-S403.OUT					COMB DL-G2-1 ----- MAX					-215.032918 -12.721811 -234.470670 -6.526826					0.75000 16.167817 429.654093									
< MOVING Page LOAD >					COMB DL-G2-1 ----- MIN					0.00000 -10.230387 -336.968653 -6.526826					1.00000 5.92041 457.099157									
261					COMB DL-G2-1 ----- MAX					0.25000 -10.715331 -309.754572 -6.526826					0.50000 -12.213081 -4728.376									
FRAME ELEMENT INTERNAL FORCES					COMB DL-G2-1 ----- MIN					0.00000 -10.230387 -336.968653 -6.526826					1.00000 5.92041 457.099157									
COMB DL-G2-2 ----- MAX					REL DIST T M2 P M3 V2 V3					0.25000 -10.715331 -309.754572 -6.526826					0.50000 -12.213081 -4728.376									
REL DIST T M2 P M3 V2 V3					COMB DL-G2-2 ----- MIN					0.00000 -10.230387 -336.968653 -6.526826					1.00000 5.92041 457.099157									
0.00000 7.915488 195.670509 6.266449					REL DIST T M2 P M3 V2 V3					0.25000 -10.715331 -309.754572 -6.526826					0.50000 -12.213081 -4728.376									
374.15408 95.682639 195.67339 6.266449					542.236034 95.399660 6393.837					0.75000 16.167817 429.654093					1.00000 5.92041 457.099157									
0.25000 7.915330 195.67339 6.266449					0.25000 13.466295 394.215680 8.307093					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
374.259097 91.995176 3822.029 6.266449					0.50000 13.907398 375.363789 8.307093					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
0.50000 7.915177 195.682562 6.266449					0.75000 16.167817 429.654093					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
374.245559 91.92667 3789.965 6.266449					0.50000 13.036641 414.226733 8.307093					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
0.75000 7.915032 195.689121 6.266449					465.192378 87.454317 6325.128 8.307093					0.25000 12.213081 4728.376					425.332904 7.157931 4699.722									
374.227057 87.794517 379.7476 6.266449					461.080460 53.229871 6262.063					0.50000 7.614363 402.828710					413.554937 10.204448 4821.817									
1.00000 7.914895 195.695949 6.266449					465.192378 87.454317 6325.128 8.307093					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
374.212812 86.737212 1784.092					COMB DL-G2-2 ----- MIN					-215.032918 -12.721811 -234.470670 -6.526826					0.75000 16.167817 429.654093									
COMB DL-G2-2 ----- MIN					REL DIST T M2 P M3 V2 V3					0.25000 -10.715331 -309.754572 -6.526826					0.50000 -12.213081 -4728.376									
REL DIST T M2 P M3 V2 V3					COMB DL-G2-2 ----- MAX					0.00000 -10.230387 -336.968653 -6.526826					1.00000 5.92041 457.099157									
0.00000 -7.971298 -165.170077 -5.726230					REL DIST T M2 P M3 V2 V3					0.25000 -10.715331 -309.754572 -6.526826					0.50000 -12.213081 -4728.376									
-397.562275 -18.832905 -2528.300					542.236034 95.399660 6393.837					0.75000 16.167817 429.654093					1.00000 5.92041 457.099157									
0.25000 -7.971445 -165.163255 -5.726230					0.25000 13.466295 394.215680 8.307093					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
-397.576431 -16.508042 -2549.818					0.50000 13.907398 375.363789 8.307093					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
-397.591866 -14.443294 -2571.342					0.75000 16.167817 429.654093					0.50000 12.213081 4728.376					425.332904 7.157931 4699.722									
0.75000 -7.971768 -165.150500 -5.726230					0.50000 13.036641 414.226733 8.307093					0.75000 16.167817 429.654093					425.332904 7.157931 4699.722									
-3																								

REL_DIST	P	M3	V2	V3
0.00000	-4.639766	-50.680379		-2.761889
-290.789847	-2.066128	-1388.578		
0.25000	-4.646387	-50.403947		-2.761889
-291.363891	-1.620138	-1392.677		
0.50000	-4.653443	-50.139243		-2.761889
-291.995060	-2.096964	-1396.775		
0.75000	-4.660375	-49.889123		-2.761889
-292.674720	-2.995495	-1400.887		
1.00000	-4.668628	-49.656226		-2.761889
-293.392382	-4.178106	-1404.971		

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

REL_DIST	P	M3	V2	V3
0.00000	5.686959	246.932503		7.891571
265.755898	94.132918	3783.695		
0.25000	5.686805	246.936865		7.891571
265.738036	88.961301	3581.845		
0.50000	5.686657	246.945259		7.891571
265.720896	84.672985	3492.737		
0.75000	5.686515	246.952163		7.891571
265.704728	81.664328	3376.084		
1.00000	5.686383	246.959332		7.891571
265.689768	80.006684	3274.512		

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

REL_DIST	P	M3	V2	V3
0.00000	-7.965902	-125.296451		-4.392197
-525.016112	-12.639257	-2614.372		
0.25000	-7.966057	-125.290001		-4.392197
-525.029739	-12.856336	-2627.608		
0.50000	-7.966221	-125.283825		-4.392197
-525.047077	-13.802647	-2640.772		
0.75000	-7.966395	-125.277382		-4.392197
-525.060825	-15.452715	-2654.085		
1.00000	-7.966575	-125.272558		-4.392197
-525.077851	-17.715289	-2667.319		

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

REL_DIST	P	M3	V2	V3
0.00000	10.574590	405.780073		9.150464
511.929483	90.988852	5733.349		
0.25000	10.292761	420.412610		9.150464
482.932277	86.799022	5621.777		
0.50000	9.909605	435.911123		9.150464
455.125915	83.453600	5387.566		
0.75000	9.597365	452.31082		9.150464
428.941659	81.288335	5202.620		
1.00000	9.303944	468.898556		9.150464
405.007069	80.542645	5005.869		
Program	SAP2000	Nonlinear	Version	7.42
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	P	M3	V2	V3
0.00000	-13.174513	-281.659539		-7.532198
-534.278556	-60.011836	-3490.027		
0.25000	-13.421112	-266.722177		-7.532198
-553.904315	-57.707669	-3516.585		
0.50000	-13.931843	-252.384246		-7.532198
-575.976086	-56.330463	-3543.229		
0.75000	-14.340140	-238.80967		-7.532198
-599.957869	-55.906352	-3569.814		
1.00000	-14.703944	-226.189876		-7.532198
-625.215658	-56.441195	-3596.462		

COMB DB ----- MAX

REL_DIST	P	M3	V2	V3
0.00000	8.527239	374.296170		8.129736
461.460160	79.417938	5697.387		
0.25000	8.014570	396.572943		8.129736
453.356873	74.944878	5580.634		
0.50000	7.714856	419.756982		8.129736
453.356873	71.568210	5480.289		
0.75000	7.030387	443.566296		8.129736
453.356873	69.627468	5345.750		
1.00000	6.712967	467.903576		8.129736
453.356873	69.198687	5224.728		

COMB DB ----- MIN

REL_DIST	P	M3	V2	V3
0.00000	-10.98429	-336.988653		-7.516034
-477.892594	-81.954354	-1697.893		
0.25000	-11.403590	-309.785472		-7.516034
-488.221254	-78.377156	-1819.541		
0.50000	-11.896970	-283.559732		-7.516034
-512.163316	-75.799755	-1941.279		
0.75000	-12.832334	-260.145940		-7.516034
-547.061549	-74.529581	-2063.417		
1.00000	-12.898547	-238.954014		-7.516034
-585.990289	-74.727181	-2184.822		

COMB DL ----- MAX

REL_DIST	P	M3	V2	V3
0.00000	11.542764	458.329399		9.150464
520.587888	94.132918	6262.136		
0.25000	11.110684	478.527722		9.150464
516.029642	88.961301	6100.722		
0.50000	10.690673	499.843691		9.150464
511.471397	84.672985	5914.429		
0.75000	10.288708	522.072626		9.150464
506.921565	81.664328	5713.854		
1.00000	9.910306	544.952429		9.150464
503.259635	80.542645	5492.196		

COMB DL ----- MIN

REL_DIST	P	M3	V2	V3
0.00000	-14.889775	-337.808075		-8.769815
-534.278556	-94.689897	-3490.027		
0.25000	-15.000593	-317.620870		-8.769815
-553.904315	-90.728000	-3516.585		
0.50000	-15.538750	-298.195292		-8.769815
-575.976086	-87.221341	-3545.996		
0.75000	-16.099551	-279.765875		-8.769815
-599.957869	-84.605389	-3594.402		
1.00000	-16.677065	-262.546564		-8.769815
-625.215658	-82.971218	-3679.479		

COMB CAR ----- MAX

REL_DIST	P	M3	V2	V3
0.00000	11.542764	458.329399		9.150464
520.587888	94.132918	6262.136		
0.25000	11.110684	478.527722		9.150464
516.029642	88.961301	6100.722		

0.50000	10.690673	499.843691	9.150464
511.471397	84.672985	5914.429	
0.75000	10.288708	522.072626	9.150464
506.921565	81.664328	5713.854	
1.00000	9.910306	544.952429	9.150464
503.259635	80.542645	5492.196	
Program	SAP2000	Nonlinear	Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	M3	V2	V3
0.00000	-14.489775	-337.808075		-8.769815
-534.278556	-94.689897	-3490.027		
0.25000	-15.000593	-317.620870		-8.769815
-553.904315	-90.728000	-3516.585		
0.50000	-15.538750	-298.195292		-8.769815
-575.976086	-87.221341	-3545.996		
0.75000	-16.099551	-279.765875		-8.769815
-599.957869	-84.605389	-3594.402		
1.00000	-16.677065	-262.546564		-8.769815
-625.215658	-82.971218	-3679.479		

COMB DESIGN ----- MAX

REL_DIST	P	M3	V2	V3
0.00000	11.542764	458.329399		9.150464
520.587888	94.132918	6262.136		
0.25000	11.110684	478.527722		9.150464
516.029642	88.961301	6100.722		
0.50000	10.690673	499.843691		9.150464
511.471397	84.672985	5914.429		
0.75000	10.288708	522.072626		9.150464
506.921565	81.664328	5713.854		
1.00000	9.910306	544.952429		9.150464
503.259635	80.542645	5492.196		

COMB DESIGN ----- MIN

REL_DIST	P	M3	V2	V3
0.00000	-14.489775	-337.808075		-8.769815
-534.278556	-94.689897	-3490.027		
0.25000	-15.000593	-317.620870		-8.769815
-553.904315	-90.728000	-3516.585		
0.50000	-15.538750	-298.195292		-8.769815
-575.976086	-87.221341	-3545.996		
0.75000	-16.099551	-279.765875		-8.769815
-599.957869	-84.605389	-3594.402		
1.00000	-16.677065	-262.546564		-8.769815
-625.215658	-82.971218	-3679.479		

ELEM 30 ===== LENGTH =

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

REL_DIST	P	M3	V2	V3
0.00000	4.406619	249.935484		1.367599
341.409626	9.062755	2631.223		
0.25000	3.978774	268.622301		1.367599
341.409626	11.280499	2565.647		
0.50000	3.554491	288.092890		1.367599
341.409626	13.532407	2475.473		
0.75000	3.461569	307.988015		1.367599
341.409626	15.796987	2359.997		
1.00000	3.461569	327.796845		1.367599
341.409626	18.073878	2219.981		

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

REL_DIST	P	M3	V2	V3
0.00000	-7.366561	-191.245432		-5.645797
-42.581680	-60.623874	-881.329121		
0.25000	-7.745310	-171.732157		-5.645797
-42.581680	-55.800688	-943.539975		
0.50000	-8.147685	-152.631540		-5.645797
-42.581680	-51.661287	-1005.794		
0.75000	-8.566989	-134.364631		-5.645797
-42.581680	-48.542584	-1068.048		
1.00000	-8.992797	-117.158778		-5.645797
-42.581680	-46.557830	-1130.303		

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

REL_DIST	P	M3	V2	V3
0.00000	6.697826	413.653020		2.621875
517.001048	17.070244	4516.268		
0.25000	6.101441	438.504154		2.621875
506.130370	20.091286	4343.921		
0.50000	5.523064	464.216070		2.621875
506.130370	23.132418	4159.022		
Program	SAP2000	Nonlinear	Version 7.42	
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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	M3	V2	V3
0.75000	5.067678	490.463926		2.621875
506.130370	26.179165	3972.488		
1.00000	5.067678	517.187592		2.621875
506.130370	29.226368	3779.804		

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

REL_DIST	P	M3	V2	V3
0.00000	-11.418594	-279.645652		-7.417772
-217.755437	-81.609368	-1647.862		
0.25000	-11.937418	-253.318860		-7.417772
-217.755437	-78.521350	-1754.640		
0.50000	-12.486227	-228.044525		-7.417772
-217.755437	-72.319242	-1861.481		
0.75000	-13.057227	-203.855010		-7.417772
-217.755437	-69.283172	-1968.323		
1.00000	-13.650647	-181.010207		-7.417772
-217.755437	-67.539337	-2075.164		

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

REL_DIST	P	M3	V2	V3
0.00000	7.244849	449.634657		6.239679
505.197871	50.716022	5224.788		
0.25000	6.716871	471.688927		6.239679

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-14.170050	-236.666263	-7.053293
-653.443014	-62.134659	-3596.322	
0.25000	-14.562990	-222.762547	-7.053293
-662.887529	-61.863806	-3617.857	
0.50000	-14.977342	-209.499956	-7.053293
-683.573022	-62.320404	-3639.539	
0.75000	-15.409504	-197.044567	-7.053293
-706.037370	-63.567524	-3661.036	
1.00000	-15.855215	-185.540369	-7.053293
-729.685537	-65.728087	-3682.769	
COMB	DB	MAX	
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	7.244849	449.634657	8.511213
517.001048	66.167051	5224.788	
0.25000	7.611671	471.688927	8.511213
506.130370	70.033313	4989.655	
0.50000	6.204312	494.508939	8.511213
506.130370	65.410226	4752.829	
0.75000	5.814230	517.804561	8.511213
506.130370	63.336030	4526.154	
1.00000	5.814230	541.499731	8.511213
506.130370	62.532088	4305.190	
COMB	DB	MIN	
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	-11.953928	-279.645652	-7.425762
-590.293192	-81.609638	-2184.738	
0.25000	-12.413608	-253.390524	-7.425762
-590.321218	-76.521350	-2311.077	
0.50000	-12.899952	-230.961194	-7.425762
-590.744795	-73.911115	-2437.472	
0.75000	-13.405997	-209.495185	-7.425762
-612.254095	-72.539853	-2563.867	
1.00000	-13.931356	-189.225037	-7.425762
-647.101399	-72.479993	-2690.262	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S403.OUT			
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FRAME	ELEMENT	INTERNAL	
FORCES			
COMB	DL	MAX	
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	5.989932	556.937379	10.345174
616.872481	86.177333	5492.382	
0.25000	9.177215	578.297931	10.345174
612.313896	81.793891	5175.563	
0.50000	8.769645	600.795124	10.345174
607.755310	78.327205	4831.158	
0.75000	8.382433	624.105247	10.345174
603.196725	76.128481	4473.716	
1.00000	8.020869	647.970283	10.345174
598.638140	75.261471	4096.599	
COMB	DL	MIN	
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	-16.258336	-282.105236	-9.644466
-670.605538	-89.527240	-3679.415	
0.25000	-16.800756	-263.505378	-9.644466
-670.618992	-83.745842	-3730.048	
0.50000	-17.370113	-245.709844	-9.644466
-683.573022	-80.250024	-3780.791	
0.75000	-17.961104	-228.958204	-9.644466
-706.037370	-78.717685	-3831.317	
1.00000	-18.567555	-213.453767	-9.644466
-729.685537	-78.250918	-3882.154	
COMB	CAR	MAX	
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	5.989932	556.937379	10.345174
616.872481	86.177333	5492.382	
0.25000	9.177215	578.297931	10.345174
612.313896	81.793891	5175.563	
0.50000	8.769645	600.795124	10.345174
607.755310	78.327205	4831.158	
0.75000	8.382433	624.105247	10.345174
603.196725	76.128481	4526.154	
1.00000	8.020869	647.970283	10.345174
598.638140	75.261471	4305.190	
COMB	CAR	MIN	
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	-16.258336	-282.105236	-9.644466
-670.605538	-89.527240	-3679.415	
0.25000	-16.800756	-263.505378	-9.644466
-670.618992	-83.745842	-3730.048	
0.50000	-17.370113	-245.709844	-9.644466
-683.573022	-80.250024	-3780.791	
0.75000	-17.961104	-228.958204	-9.644466
-706.037370	-78.717685	-3831.317	
1.00000	-18.567555	-213.453767	-9.644466
-729.685537	-78.250918	-3882.154	
COMB	DESIGN	MAX	
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	5.989932	556.937379	10.345174
616.872481	86.177333	5492.382	
0.25000	9.177215	578.297931	10.345174
612.313896	81.793891	5175.563	
0.50000	8.769645	600.795124	10.345174
607.755310	78.327205	4831.158	
0.75000	8.382433	624.105247	10.345174
603.196725	76.128481	4526.154	
1.00000	8.020869	647.970283	10.345174
598.638140	75.261471	4305.190	
COMB	DESIGN	MIN	
REL_DIST <th>P</th> <th>V2</th> <th>V3</th>	P	V2	V3
T	M2	M3	
0.00000	-16.258336	-282.105236	-9.644466
-670.605538	-89.527240	-3679.415	
0.25000	-16.800756	-263.505378	-9.644466
-670.618992	-83.745842	-3730.048	
0.50000	-17.370113	-245.709844	-9.644466
-683.573022	-80.250024	-3780.791	
0.75000	-17.961104	-228.958204	-9.644466
-706.037370	-78.717685	-3831.317	
1.00000	-18.567555	-213.453767	-9.644466
-729.685537	-78.250918	-3882.154	
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FRAME	ELEMENT	INTERNAL	
FORCES			

ELEM	31	=====	LENGTH	=
5.009649				
COMB	DB-G1-1	-----	MAX	
REL_DIST	P		V2	V3
T	M2		M3	
0.00000	3.620510		289.465366	0.540833
413.302652	19.426162		2220.818	
0.25000	3.312769		308.108162	0.540833
413.302652	22.239953		2105.443	
0.50000	3.312769		327.318662	0.540833
413.302652	25.085542		1966.770	
0.75000	3.312769		346.843465	0.540833
413.302652	27.939538		1803.749	
1.00000	3.312769		366.248775	0.540833
413.302652	30.879624		1616.507	
COMB	DB-G1-1	-----	MIN	
REL_DIST	P		V2	V3
T	M2		M3	
0.00000	-7.995782		-153.190348	-6.346574
-68.236752	-50.031220		-1130.415	
0.25000	-8.391354		-134.124292	-6.346574
-68.236752	-43.770849		-1209.443	
0.50000	-8.807667		-115.465854	-6.346574
-68.236752	-38.082152		-1288.519	
0.75000	-9.238050		-97.593325	-6.346574
-68.236752	-33.286908		-1367.808	
1.00000	-9.672584		-80.695519	-6.346574
-68.236752	-29.499490		-1447.097	
COMB	DB-G1-2	-----	MAX	
REL_DIST	P		V2	V3
T	M2		M3	
0.00000	5.136978		480.198387	1.371385
589.667597	30.636426		3780.556	
0.25000	4.535028		504.857673	1.371385
587.673631	34.382489		3521.686	
0.50000	4.373791		530.192875	1.371385
587.673631	38.178445		3253.342	
0.75000	4.373791		555.903444	1.371385
587.673631	42.001693		2985.006	
1.00000	4.373791		582.002500	1.371385
587.673631	45.826554		2714.131	
COMB	DB-G1-2	-----	MIN	
REL_DIST	P		V2	V3
T	M2		M3	
0.00000	-12.819829		-218.768660	-8.189702
-242.430443	-73.532406		-2075.213	
0.25000	-13.360195		-193.084442	-8.189702
-242.430443	-67.115925		-2201.956	
0.50000	-13.925587		-168.420518	-8.189702
-242.430443	-61.374513		-2328.699	
0.75000	-14.508369		-144.810905	-8.189702
-242.430443	-56.691394		-2455.749	
1.00000	-15.109414		-122.465350	-8.189702
-242.430443	-53.225514		-2582.805	
COMB	DB-G1-3	-----	MAX	
REL_DIST	P		V2	V3
T	M2		M3	
0.00000	5.605343		527.046177	5.597381
605.683718	55.807562		4305.247	
0.25000	5.117297		548.930246	5.597381
605.683718	54.734719		3965.875	
0.50000	4.988099		571.417333	5.597381
605.683718	54.108812		3626.649	
0.75000	4.988099		594.238692	5.597381
605.683718	53.959862		3300.046	
1.00000	4.988099		617.383718	5.597381
605.683718	54.623902		2984.901	
COMB	DB-G1-3	-----	MIN	
REL_DIST	P		V2	V3
T	M2		M3	
0.00000	-13.109018		-220.493327	-7.891843
-531.303538	-78.954210		-2690.201	
0.25000	-13.587845		-197.719333	-7.891843
-531.303538	-74.785876		-2824.989	
0.50000	-14.088989		-175.830469	-7.891843
-531.303538	-71.288206		-2959.967	
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FRAME	ELEMENT	INTERNAL		
FORCES				
REL_DIST	P		V2	V3
T	M2		M3	
0.75000	-14.605608		-154.876637	-7.891843
-531.303538	-68.769978		-3095.220	
1.00000	-15.137899		-135.054669	-7.891843
-531.303538	-67.354711		-3230.476	
COMB	DB-G2-1	-----	MAX	
REL_DIST	P		V2	V3
T	M2		M3	
0.00000	1.925289		97.682910	6.722558
75.233071	48.062288		954.413721	
0.25000	1.917274		97.965048	6.722558
74.242188	41.466034		849.755462	
0.50000	1.909982		98.252556	6.722558
73.387944	35.690713		748.877979	
0.75000	1.902957		98.543157	6.722558
72.574590	30.878236		653.921964	
1.00000	1.902214		98.859132	6.722558
71.804766	27.157607		565.634630	
COMB	DB-G2-1	-----	MIN	
REL_DIST	P		V2	V3
T	M2		M3	
0.00000	-2.311384		-31.817102	-0.548723
-14.252562	-14.964380		-961.184623	
0.25000	-2.318258		-31.503576	-0.548723
-419.035877	-17.434988		-977.685171	
0.50000	-2.325338		-31.221498	-0.548723
-419.840959	-19.935607		-994.185720	
0.75000	-2.332559		-30.951986	-0.548723
-420.669143	-22.505695		-1010.895	
1.00000	-2.340518		-30.696576	-0.548723
-421.657570	-25.096174		-1027.672	
COMB	DB-G2-2	-----	MAX	
REL_DIST	P		V2	V3
T	M2		M3	
0.00000	2.564227		245.114872	8.896029
234.234372	64.782600		2242.780	
0.25000	2.563930		245.125325	8.896029
234.197623	57.139427		1985.127	
0.50000	2.563660		245.135976	8.896029
234.165945	50.379795		1755.143	
0.75000	2.563400		245.146742	8.896029
234.135784	44.739231		1567.530	
1.00000	2.563371		245.158450	8.896029
234.107235	40.425396		1422.075	
COMB	DB-G2-2	-----	MIN	

REL_DIST		P	V2		V3
T	M2	M3			
0.00000	-5.486772	-58.574907	-1.489858		
-690.341586	-31.137175	-1874.996			
0.25000	-5.487026	-58.563289	-1.489858		
-690.370639	-34.929519	-1927.907			
0.50000	-5.487288	-58.552839	-1.489858		
-690.400497	-38.828746	-1980.902			
0.75000	-5.487556	-58.542854	-1.489858		
-690.431253	-42.808792	-2033.970			
1.00000	-5.487851	-58.533392	-1.489858		
-690.467911	-46.862070	-2087.282			
COMB DB-G2-3					MAX
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	5.360699	447.369725	8.633882		
542.497681	68.601193	3764.336			
0.25000	4.936586	463.451371	8.633882		
499.861845	63.453510	3442.167			
0.50000	4.538954	479.910505	8.633882		
492.190797	59.276850	3125.538			
0.75000	4.460246	496.580010	8.633882		
432.500731	56.012910	2828.015			
1.00000	4.462103	514.080321	8.633882		
408.837353	53.931311	2549.792			
COMB DB-G2-3					MIN
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	-11.064245	-179.915385	-5.135278		
-664.660158	-65.854270	-2613.737			
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REL_DIST		P	V2		V3
T	M2	M3			
0.25000	-11.435960	-162.613335	-5.135278		
-664.660158	-65.854186	-270.205			
0.50000	-11.821712	-146.529699	-5.135278		
-670.154312	-65.854268	-2826.742			
0.75000	-12.217318	-131.147679	-5.135278		
-691.402753	-66.939252	-2933.450			
1.00000	-12.639538	-116.579479	-5.135278		
-714.423357	-68.511327	-3040.447			
COMB DL-G1-1					MAX
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	5.724805	346.262344	0.713875		
508.374329	23.769461	2001.562			
0.25000	5.400628	366.083473	0.713875		
511.429447	27.932340	1810.154			
0.50000	5.089148	386.711708	0.713875		
507.042337	32.811495	1607.182			
0.75000	4.835553	407.946520	0.713875		
517.523257	37.218187	1444.145			
1.00000	4.723885	429.621803	0.713875		
520.572817	42.171818	1283.472			
COMB DL-G1-1					MIN
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	-10.991071	-142.872820	-8.736428		
-123.438334	-50.424074	-1575.768			
0.25000	-11.487384	-128.674814	-8.736428		
-123.438334	-43.994612	-1628.925			
0.50000	-12.004747	-115.172388	-8.736428		
-123.438334	-37.993755	-1708.629			
0.75000	-12.538337	-102.584114	-8.736428		
-123.438334	-32.815600	-1879.855			
1.00000	-13.007388	-90.799433	-8.736428		
-123.438334	-28.803912	-2092.130			
COMB DL-G1-2					MAX
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	7.949522	590.133836	2.039381		
736.626193	64.046813	3459.905			
0.25000	7.508995	615.808572	2.039381		
731.141575	66.432645	3085.554			
0.50000	6.997137	642.536383	2.039381		
725.657314	57.119668	2698.922			
0.75000	6.690781	670.071933	2.039381		
720.172874	59.286092	2419.795			
1.00000	6.480011	698.204777	2.039381		
714.688434	66.613136	2173.195			
COMB DL-G1-2					MIN
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	-17.429549	-221.867372	-11.244756		
-10.952842	-68.805563	-1902.644			
0.25000	-18.075400	-202.958112	-11.244756		
-310.962842	-69.861069	-2973.404			
0.50000	-18.749453	-185.022432	-11.244756		
-310.962842	-63.864522	-3073.438			
0.75000	-19.445311	-168.294055	-11.244756		
-310.962842	-53.991034	-3305.539			
1.00000	-20.157624	-152.918068	-11.244756		
-310.962842	-55.150384	-3674.431			
COMB DL-G1-3					MAX
REL_DIST		P	V2		V3
T	M2	M3			
0.00000	8.063654	671.555577	7.459074		
786.892666	67.262569	4096.866			
0.25000	7.671701	694.428880	7.459074		
782.333688	68.622086	3621.544			
0.50000	7.296741	712.238681	7.459074		
777.744670	70.408910	3137.111			
0.75000	6.944184	742.766433	7.459074		
773.215621	73.201848	2784.057			
1.00000	6.767354	767.828604	7.459074		
768.656675	77.431357	2485.471			
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REL_DIST		P	V2		V3
T	M2	M3			
0.00000	-18.732634	-234.562549	-10.816573		
-656.741552	-83.138782	-3882.038			
0.25000	-19.308321	-217.733054	-10.816573		
-656.741552	-79.480671	-3939.604			
0.50000	-19.908519	-201.772292	-10.816573		
-656.741552	-76.845151	-4023.626			
0.75000	-20.528215	-186.881789	-10.816573		
-656.741552	-76.845151	-4023.626			

T M2 M3				
0.00000	-18.732634	-234.562549	-11.244756	
-834.129197	-83.138782	-3882.038		
0.25000	-19.308321	-217.733054	-11.244756	
-834.142661	-79.480671	-3939.604		
0.50000	-19.908518	-201.772229	-11.244756	
-836.764111	-76.864151	-4023.626		
0.75000	-20.528215	-186.881789	-11.244756	
-858.086610	-77.652484	-4329.237		
1.00000	-21.162593	-173.195170	-11.244756	
-880.363847	-82.168553	-4682.906		
COMB CAR				
MAX				
REL_DIST P M2 M3 V2 V3				
0.00000	8.063654	671.555577	11.796008	
786.892666	79.966107	4305.247		
0.25000	7.671701	694.428880	11.796008	
782.333668	76.125140	3965.875		
0.50000	7.296741	718.238681	11.796008	
777.774670	73.278350	3626.649		
0.75000	6.944184	742.766433	11.796008	
773.215672	73.201848	3300.046		
1.00000	6.767354	767.828604	11.796008	
768.656675	77.431357	2984.901		
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FRAME ELEMENT INTERNAL FORCES				
COMB CAR				
MIN				
REL_DIST P M2 M3 V2 V3				
0.00000	-18.732634	-234.562549	-11.244756	
-834.129197	-83.138782	-3882.038		
0.25000	-19.308321	-217.733054	-11.244756	
-834.142661	-79.480671	-3939.604		
0.50000	-19.908518	-201.772229	-11.244756	
-836.764111	-76.864151	-4023.626		
0.75000	-20.528215	-186.881789	-11.244756	
-858.086610	-77.652484	-4329.237		
1.00000	-21.162593	-173.195170	-11.244756	
-880.363847	-82.168553	-4682.906		
COMB DESIGN				
MIN				
REL_DIST P M2 M3 V2 V3				
0.00000	8.063654	671.555577	11.796008	
786.892666	79.966107	4305.247		
0.25000	7.671701	694.428880	11.796008	
782.333668	76.125140	3965.875		
0.50000	7.296741	718.238681	11.796008	
777.774670	73.278350	3626.649		
0.75000	6.944184	742.766433	11.796008	
773.215672	73.201848	3300.046		
1.00000	6.767354	767.828604	11.796008	
768.656675	77.431357	2984.901		
COMB DESIGN				
MIN				
REL_DIST P M2 M3 V2 V3				
0.00000	-18.732634	-234.562549	-11.244756	
-834.129197	-83.138782	-3882.038		
0.25000	-19.308321	-217.733054	-11.244756	
-834.142661	-79.480671	-3939.604		
0.50000	-19.908518	-201.772229	-11.244756	
-836.764111	-76.864151	-4023.626		
0.75000	-20.528215	-186.881789	-11.244756	
-858.086610	-77.652484	-4329.237		
1.00000	-21.162593	-173.195170	-11.244756	
-880.363847	-82.168553	-4682.906		
ELEM 32 ===== LENGTH = 5.009186				
COMB DB-G1-1				
MAX				
REL_DIST P M2 M3 V2 V3				
0.00000	3.189654	341.029629	0.601886	
446.654328	32.833309	1617.440		
0.25000	3.189654	359.920574	0.601886	
446.654328	35.378502	1436.402		
0.50000	3.189654	379.244300	0.601886	
446.654328	38.005251	1230.073		
0.75000	3.189654	398.756944	0.601886	
446.654328	40.714565	997.614882		
1.00000	3.189654	418.120918	0.601886	
446.654328	43.460328	739.689396		
COMB DB-G1-1				
MIN				
REL_DIST P M2 M3 V2 V3				
0.00000	-9.175254	-101.479114	-6.343989	
-152.774629	-31.684671	-1447.449		
0.25000	-9.600255	-82.558578	-6.343989	
-152.774629	-25.029883	-1552.517		
0.50000	-10.041466	-65.237219	-6.343989	
-152.774629	-19.035772	-1658.164		
0.75000	-10.492626	-39.601267	-6.343989	
-152.774629	-7.796679	-1763.973		
1.00000	-10.944536	-64.641397	-6.343989	
-152.774629	-9.498655	-1869.783		
COMB DB-G1-2				
MAX				
REL_DIST P M2 M3 V2 V3				
0.00000	4.252213	559.745142	1.687627	
628.187199	47.932228	2714.943		
0.25000	4.252213	584.612530	1.687627	
628.187199	51.414395	2355.562		
0.50000	4.252213	610.000912	1.687627	
628.187199	55.016442	1985.494		
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FRAME ELEMENT INTERNAL FORCES				
REL_DIST P M2 M3 V2 V3				
0.75000	4.252213	635.644559	1.687627	
628.187199	58.641199	1614.288		
1.00000	4.252213	661.559265	1.687627	
628.187199	62.358719	1239.469		
COMB DB-G1-2				
MIN				
REL_DIST P M2 M3 V2 V3				
0.00000	-14.926921	-154.749756	-8.250750	
-345.755963	-57.831305	-2583.099		
0.25000	-15.018655	-129.340341	-8.250750	
-345.755963	-51.541237	-2740.581		
0.50000	-16.096325	-106.172243	-8.250750	
-345.755963	-45.974337	-2698.523		

0.75000 -16.703214 -84.637508 -8.250750				
-345.755963 -41.438726 -3056.896				
1.00000 -17.323555 -64.223266 -8.250750				
-345.755963 -38.063016 -3215.269				
COMB DB-G1-3				
MAX				
REL_DIST P M2 M3 V2 V3				
0.00000	4.754698	609.725309	5.962751	
700.654388	59.509486	2984.869		
0.25000	4.754698	631.799139	5.962751	
700.654388	57.996278	2546.851		
0.50000	4.754698	654.337503	5.962751	
700.654388	56.947602	2107.585		
0.75000	4.754698	677.102628	5.962751	
700.654388	60.306183	1683.959		
1.00000	4.754698	700.088106	5.962751	
700.654388	64.325278	1305.562		
COMB DB-G1-3				
MIN				
REL_DIST P M2 M3 V2 V3				
0.00000	-15.513261	-162.951692	-8.001095	
-648.180547	-73.184354	-3230.482		
0.25000	-16.022959	-140.418108	-8.001095	
-648.180547	-68.819488	-3378.707		
0.50000	-16.550058	-119.886242	-8.001095	
-648.180547	-65.194791	-3527.371		
0.75000	-17.088218	-100.759631	-8.001095	
-648.180547	-62.578361	-3676.536		
1.00000	-17.637790	-82.646944	-8.001095	
-648.180547	-61.048586	-3826.139		
COMB DB-G2-1				
MAX				
REL_DIST P M2 M3 V2 V3				
0.00000	1.707922	106.500636	6.687870	
164.387471	30.459807	564.459889		
0.25000	1.700015	106.780312	6.687870	
163.383604	23.787794	453.769300		
0.50000	1.698615	107.084535	6.687870	
162.469498	17.890958	350.297876		
0.75000	1.698615	107.351386	6.687870	
161.645362	13.020225	257.286592		
1.00000	1.698615	107.661268	6.687870	
160.821798	9.210575	211.666904		
COMB DB-G2-1				
MIN				
REL_DIST P M2 M3 V2 V3				
0.00000	-2.082055	-30.632754	-0.589858	
-455.790150	-27.708075	-1027.331		
0.25000	-2.089147	-30.325684	-0.589858	
-456.584588	-29.742777	-1019.910		
0.50000	-2.096401	-30.049796	-0.589858	
-457.399813	-31.909047	-1013.321		
0.75000	-2.103766	-29.800401	-0.589858	
-458.251732	-34.121578	-1006.954		
1.00000	-2.111790	-29.552895	-0.589858	
-459.249113	-36.427403	-1000.945		
COMB DB-G2-2				
MAX				
REL_DIST P M2 M3 V2 V3				
0.00000	2.334219	273.946026	9.142518	
342.336594	44.843572	1420.530		
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FRAME ELEMENT INTERNAL FORCES				
REL_DIST P M2 M3 V2 V3				
0.25000	2.333926	273.956387	9.142518	
342.299368	37.104137	1132.645		
0.50000	2.333873	273.968917	9.142518	
342.266588	30.183095	878.508292		
0.75000	2.333873	273.975743	9.142518	
342.234919	24.388485	673.877787		
1.00000	2.333873	273.989025	9.142518	
342.204382	22.483258	566.142412		
COMB DB-G2-2				
MIN				
REL_DIST P M2 M3 V2 V3				
0.00000	-5.809045	-56.855574	-1.645408	
-742.699416	-50.742759	-2066.765		
0.25000	-5.809301	-56.844196	-1.645408	
-742.728877	-54.462489	-2111.619		
0.50000	-5.809576	-56.833974	-1.645408	
-742.759106	-58.294018	-2136.989		
0.75000	-5.809849	-56.824734	-1.645408	
-742.790739	-62.239955	-2162.965		
1.00000	-5.810147	-56.815939	-1.645408	
-742.827724	-66.214447	-2189.282		
COMB DB-G2-3				
MAX				
REL_DIST P M2 M3 V2 V3				
0.00000	4.271771	510.676126	8.804623	
622.275161	48.779617	2548.740		
0.25000	4.203118	526.758396	8.804623	
585.028986	53.519919	2152.150		
0.50000	4.203118	543.143687	8.804623	
555.279304	49.033174	1785.570		
0.75000	4.381071	559.883035	8.804623	
528.136093	45.963552	1403.8787		
1.00000	4.203118	576.957725	8.804623	
528.150799	45.416767	1108.886		
COMB DB-G2-3				
MIN				
REL_DIST P M2 M3 V2 V3				
0.00000	-12.339639	-143.028612	-5.210843	
-751.164884	-75.559215	-3040.133		
0.25000	-12.728965	-125.997103	-5.210843	
-751.164884	-76.412818	-3137.115		
0.50000	-13.129357	-110.585607	-5.210843	
-751.164884	-76.711933	-3234.632		
0.75000	-13.536905	-96.455522	-5.210843	
-751.164884	-77.602882	-3333.028		
1.00000	-13.967589	-83.033375	-5.210843	
-777.428451	-79.493831	-3431.802		
COMB DL-G1-1				
MAX				
REL_DIST P M2 M3 V2 V3				
0.00000	4.775832	436.073767	0.774140	
568.402012	39.375958	1284.279		
0.25000	4.586808	457.72038	0.774140	
571.451005	50.492469	1150.893		
0.50000	4.466195	480.232144	0.774140	
574.499937	56.074722	1020.150		
0.75000	4.381071	505.268682	0.774140	
577.548990	62.349819	893.557622		
1.00000	4.313001	526.790503	0.774140	
580.597982	69.395039	770.591371		

0.00000 -22.321825 -189.358863 -11.408015
-946.411572 -88.107998 -4682.092
0.25000 -22.955125 -174.732215 -11.408015
-947.105887 -91.520872 -51.81842
0.50000 -23.611743 -160.990394 -11.408015
-959.616421 -96.084867 -5663.830
0.75000 -24.287606 -148.295903 -11.408015
-982.197575 -102.043485 -6280.044
1.00000 -24.978394 -136.761881 -11.408015
-1005.136 -101.52024 -6981.766
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ELEM 33 ===== LENGTH =
5.009729

COMB DB-G1-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 3.067030 411.382723 1.398028
414.688715 46.601429 740.401241
0.25000 3.067030 430.437275 1.398028
414.688715 46.146870 476.906019
0.50000 3.067030 449.698106 1.398028
414.688715 46.957945 339.612657
0.75000 3.067030 468.913750 1.398028
414.688715 47.746429 382.580781
1.00000 3.067030 487.694076 1.398028
414.688715 47.919899 425.548905

COMB DB-G1-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -10.753597 -37.301504
-250.968880 -9.763483 -1870.435
0.25000 -11.168594 -34.307743
-250.968880 -7.023400 -2007.925
0.50000 -11.632117 -34.307743
-250.968880 -7.770263 -2145.517
0.75000 -12.077421 -34.307743
-250.968880 -8.517992 -2283.446
1.00000 -12.513757 -34.307743
-250.968880 -9.297374 -2421.380

COMB DB-G1-2 ----- MAX
REL_DIST M2 P V2 V3
0.00000 4.160078 660.076449 3.362425
600.353576 64.643821 1239.941
0.25000 4.160078 685.247488 3.362425
600.353576 66.504517 780.856577
0.50000 4.160078 710.689203 3.362425
600.353576 68.937328 618.561336
0.75000 4.160078 736.056597 3.362425
600.353576 71.490816 697.362679
1.00000 4.160078 761.416564 3.362425
600.353576 74.209048 775.869167

COMB DB-G1-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -17.399627 -76.084729 -6.885650
-460.606160 -37.877660 -3215.869
0.25000 -17.989997 -62.683221 -6.885650
-460.606160 -34.479547 -3411.563
0.50000 -18.590744 -62.683221 -6.885650
-460.606160 -31.996513 -3607.259
0.75000 -19.194184 -62.683221 -6.885650
-460.606160 -33.602703 -3903.270
1.00000 -19.800434 -62.683221 -6.885650
-460.606160 -36.097321 -3999.467

COMB DB-G1-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 4.593300 699.702211 6.752842
744.361377 65.927797 1306.015
0.25000 4.593300 722.041830 6.752842
744.361377 68.466798 907.152488
0.50000 4.593300 744.604851 6.752842
744.361377 71.550575 734.893535
0.75000 4.593300 767.136337 6.752842
744.361377 74.742750 895.986700
1.00000 4.593300 789.620303 6.752842
744.361377 78.085120 997.079864

COMB DB-G1-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -18.015849 -92.211667 -7.147416
-731.397021 -62.596854 -3826.240
0.25000 -18.599139 -80.717471 -7.147416
-731.397021 -59.494824 -3992.068
0.50000 -19.071687 -80.717471 -7.147416
-731.397021 -57.373309 -4158.229
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REL_DIST M2 P V2 V3
0.00000 -19.068604 -80.717471 -7.147416
-731.397021 -59.387576 -4324.993
1.00000 -20.143395 -80.717471 -7.147416
-731.397021 -62.212349 -4492.448

COMB DB-G2-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 1.577926 98.681050 5.303178
267.540010 10.288870 211.740655
0.25000 1.577926 98.687728 5.303178
266.503775 7.442313 243.853792
0.50000 1.577926 99.257029 5.303178
265.628435 9.186380 276.522697
0.75000 1.577926 99.548661 5.303178
264.779162 8.955331 311.826165
1.00000 1.577926 99.858837 5.303178
263.962084 9.713674 347.233154

COMB DB-G2-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -1.886555 -63.045835 -1.771385
-425.546217 -39.481874 -1070.731
0.25000 -1.893911 -43.325230 -1.771385
-426.401171 -39.336696 -965.996430
0.50000 -1.901371 -43.079970 -1.771385
-427.331864 -39.389964 -932.675175
0.75000 -1.908870 -43.071570 -1.771385

-428.287161 -39.580629 -899.907046
-1.00000 -1.917003 -43.071570 -1.771385
-429.363774 -39.897210 -868.320323

COMB DB-G2-2 ----- MAX
REL_DIST M2 P V2 V3
0.00000 2.227311 280.818921 7.874884
472.660581 21.691849 566.057044
0.25000 2.227311 280.829542 7.874884
472.622158 23.804999 474.526138
0.50000 2.227311 280.840260 7.874884
472.589707 26.272394 543.965087
0.75000 2.227311 280.850598 7.874884
472.558221 28.739822 613.501560
1.00000 2.227311 280.862558 7.874884
472.527928 31.207336 683.041913

COMB DB-G2-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -6.476017 -66.225334 -3.092249
-709.940684 -68.140467 -2188.403
0.25000 -6.476289 -66.214936 -3.092249
-709.972425 -69.585601 -2181.042
0.50000 -6.476566 -66.205850 -3.092249
-710.006932 -71.217941 -2175.109
0.75000 -6.476843 -66.205510 -3.092249
-710.042350 -73.104392 -2169.874
1.00000 -6.477145 -66.205510 -3.092249
-710.082271 -75.207178 -2165.138

COMB DB-G2-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 4.055185 565.912867 8.599558
678.662472 45.880240 1108.959
0.25000 4.055185 582.291622 8.599558
645.865408 48.238792 828.149714
0.50000 4.055185 598.829584 8.599558
634.108696 51.252311 766.468942
0.75000 4.055185 615.369081 8.599558
634.108696 54.313014 814.150383
1.00000 4.055185 632.521348 8.599558
634.108696 57.448333 961.859173

COMB DB-G2-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -14.115127 -107.225338 -5.665631
-772.521404 -83.154492 -3431.319
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REL_DIST M2 P V2 V3
0.00000 -14.517072 -91.926187 -5.665631
-772.521404 -82.550154 -3518.172
0.50000 -14.925192 -87.860340 -5.665631
-772.521404 -82.309866 -3607.546
0.75000 -15.335453 -87.860340 -5.665631
-793.134829 -82.768634 -3696.926
1.00000 -15.764041 -87.860340 -5.665631
-824.683732 -83.773614 -3786.788

COMB DL-G1-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 4.777130 558.307967 1.646034
538.781608 73.293478 770.860741
0.25000 4.120383 582.499517 1.646034
541.830947 76.494230 663.684611
0.50000 4.080551 607.345117 1.646034
544.880285 80.340265 568.453078
0.75000 4.057329 632.663203 1.646034
547.929624 84.842367 501.126050
1.00000 4.049676 658.278198 1.646034
550.677162 89.686437 542.381167

COMB DL-G1-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -16.128444 -67.211191 -6.014270
-367.996682 -13.341142 -3501.369
0.25000 -16.733918 -57.705331 -6.014270
-367.996682 -10.899931 -4017.806
0.50000 -17.355731 -48.986265 -6.014270
-367.996682 -10.750895 -4582.415
0.75000 -17.989287 -47.941677 -6.014270
-367.996682 -11.438700 -5198.973
1.00000 -18.629898 -47.673468 -6.014270
-367.694833 -12.466481 -5872.025

COMB DL-G1-2 ----- MAX
REL_DIST M2 P V2 V3
0.00000 5.786799 902.025806 3.825919
757.298357 105.305248 1314.305
0.25000 5.705531 932.989027 3.825919
751.813830 110.602164 1115.443
0.50000 5.648037 964.840572 3.825919
748.329302 116.634991 900.058767
0.75000 5.614152 997.386229 3.825919
741.457493 123.503666 909.264356
1.00000 5.602470 1030.325 3.825919
738.744007 130.907710 989.795436

COMB DL-G1-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -25.394542 -119.106321 -8.654390
-596.101887 -44.390017 -5932.033
0.25000 -26.177375 -105.923690 -8.654390
-599.101887 -43.287724 -6743.535
0.50000 -26.982961 -93.820420 -8.654390
-596.101887 -43.225584 -7631.086
0.75000 -27.805798 -88.556046 -8.654390
-596.714605 -44.294533 -8606.253
1.00000 28.639475 -87.972821 -8.654390
-599.458608 -46.890744 -9662.650

COMB DL-G1-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 6.267061 961.362490 7.622457
976.462099 106.597110 1464.316
0.25000 6.194976 988.959214 7.622457
971.903028 112.273447 1283.073
0.50000 6.143909 1017.346 7.622457
967.343957 118.899735 1181.083
0.75000 6.113662 1046.328 7.622457
963.188079 126.302925 1155.830
1.00000 6.103530 1075.704 7.622457
960.875104 134.184665 1266.862
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F O R C E S

COMB DL-G1-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -26.330539 -152.897921 -9.190486
-941.488187 -66.044954 -6981.039
0.25000 -27.028049 -141.183299 -9.190486
-941.488187 -87.806220 -7791.848
0.50000 -27.744599 -130.430403 -9.190486
-941.488187 -90.906669 -8689.317
0.75000 -28.478558 -125.875557 -9.190486
-941.691378 -95.030179 -9681.976
1.00000 -29.221106 -125.364711 -9.190486
-944.137432 -100.695958 -10749.136

COMB DL-G2-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 2.333152 140.288696 6.116195
401.545476 14.160440 334.219953
0.25000 2.328596 140.628073 6.116195
400.783710 11.763586 343.685017
0.50000 2.327679 140.979887 6.116195
400.025544 11.505954 367.330016
0.75000 2.327109 141.341860 6.116195
399.389351 12.179261 401.996128
1.00000 2.326877 141.711409 6.116195
398.770849 13.066204 443.911482

COMB DL-G2-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -3.322621 -82.546540 -1.943353
-564.609033 -67.618799 -3602.666
0.25000 -3.331554 -82.368340 -1.943353
-565.241065 -70.389024 -1662.899
0.50000 -3.340831 -82.180590 -1.943353
-565.926298 -73.800460 -1740.038
0.75000 -3.350389 -82.021257 -1.943353
-566.657925 -77.759866 -1930.599
1.00000 -3.360164 -81.929890 -1.943353
-567.428122 -82.108355 -1929.771

COMB DL-G2-2 ----- MAX
REL_DIST M2 P V2 V3
0.00000 3.211047 403.562812 9.077021
651.419013 36.463111 758.525854
0.25000 3.210937 403.570710 9.077021
651.401031 36.869154 698.860131
0.50000 3.210915 403.578899 9.077021
651.384007 39.190033 711.795790
0.75000 3.210901 403.587326 9.077021
651.368113 42.484314 782.019652
1.00000 3.210896 403.595931 9.077021
651.353504 45.858420 870.364575

COMB DL-G2-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -9.949876 -120.274369 -3.896421
-889.484553 -91.948173 -120.269915
0.25000 -9.950084 -120.269915 -3.896421
-889.499526 -111.629879 -3969.624
0.50000 -9.950300 -120.265799 -3.896421
-889.515751 -118.166251 -4289.763
0.75000 -9.950523 -120.266027 -3.896421
-889.539365 -120.266443 -4653.394
1.00000 -9.950751 -120.259844 -3.896421
-889.551306 -133.123508 -5038.703

COMB DL-G2-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 5.757423 777.080296 9.688844
918.764128 78.545106 1302.924
0.25000 5.696280 796.443029 9.688844
887.820490 81.020655 1172.411
0.50000 5.652595 816.435241 9.688844
858.522466 85.501488 1115.312
0.75000 5.626033 836.922054 9.688844
840.339838 91.165263 1120.516
1.00000 5.615912 857.765135 9.688844
834.978984 97.192668 1223.656
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COMB DL-G2-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -20.739002 -174.149671 -7.337237
-980.577193 -115.073199 -6013.725
0.25000 -21.238198 -164.663622 -7.337237
-985.553400 -118.875275 -6637.459
0.50000 -21.754162 -155.925980 -7.337237
-1010.940 -123.878890 -7333.301
0.75000 -22.283415 -148.045018 -7.337237
-1038.298 -130.151310 -8106.425
1.00000 -22.821968 -147.194663 -7.337237
-1067.189 -136.951958 -8941.148

COMB DB ----- MAX
REL_DIST M2 P V2 V3
0.00000 4.933000 607.022211 8.599558
744.361377 65.927797 1306.015
0.25000 4.593300 722.041830 8.599558
744.361377 68.466798 907.152488
0.50000 4.593300 744.604851 8.599558
744.361377 71.550575 734.893535
0.75000 4.593300 767.136337 8.599558
744.361377 74.742750 895.986700
1.00000 4.593300 789.620303 8.599558
744.361377 78.085120 997.079864

COMB DB ----- MIN
REL_DIST M2 P V2 V3
0.00000 -18.015849 -92.225338 -7.147416
-772.521404 -83.154492 -3826.240
0.25000 -18.593139 -91.926187 -7.147416
-772.521404 -82.550154 -3518.172
0.50000 -19.071687 -87.860340 -7.147416
-772.521404 -82.309866 -3607.546
0.75000 -19.606604 -87.860340 -7.147416
-793.134829 -82.768634 -3624.993
1.00000 -20.143395 -87.860340 -7.147416

-824.683732 -83.773614 -4492.448

COMB DL ----- MAX
REL_DIST M2 P V2 V3
0.00000 6.267061 961.362490 9.688844
976.462099 106.597110 1464.316
0.25000 6.194976 988.959214 9.688844
971.903028 112.273447 1283.073
0.50000 6.143909 1017.346 9.688844
967.343957 118.899735 1181.083
0.75000 6.113662 1046.328 9.688844
963.188079 126.302925 1155.830
1.00000 6.103530 1075.704 9.688844
960.875104 134.184665 1266.862

COMB DL ----- MIN
REL_DIST M2 P V2 V3
0.00000 -26.330539 -174.149671 -9.190486
-980.577193 -115.073199 -6981.039
0.25000 -27.028049 -164.663622 -9.190486
-985.553400 -118.875275 -7791.848
0.50000 -27.744599 -155.925980 -9.190486
-1010.940 -123.878890 -8689.317
0.75000 -28.478558 -148.045018 -9.190486
-1038.298 -130.151310 -9681.976
1.00000 -29.221106 -147.194663 -9.190486
-1067.189 -136.95195

FRAME ELEMENT INTERNAL FORCES				
REL DIST	M2	P	V2	V3
0.75000	18.255796	38.279065		6.492391
458.075114	65.681781	70.584020		
1.00000	17.707559	57.062490		6.492391
458.075114	62.416750	963.075738		
COMB DB-G1-2				MIN
REL DIST	M2	P	V2	V3
0.00000	-1.897664	-774.254623		-2.689499
-591.382871	-32.117573	-4000.502		
0.25000	-1.897664	-751.396660		-2.689499
-591.382871	-31.382155	-3424.497		
0.50000	-1.897664	-728.443326		-2.689499
-591.382871	-30.646763	-3011.546		
0.75000	-1.897664	-705.371297		-2.689499
-591.382871	-29.944661	-2850.457		
1.00000	-1.897664	-682.495987		-2.689499
-591.382871	-29.281990	-2689.369		
COMB DB-G1-3				MAX
REL DIST	M2	P	V2	V3
0.00000	20.895610	45.104615		6.674501
726.117245	81.432372	997.052699		
0.25000	20.421786	45.105502		6.674501
726.117245	76.921756	971.695305		
0.50000	19.941823	51.534233		6.674501
726.117245	72.668213	946.337912		
0.75000	19.455448	61.090107		6.674501
726.117245	68.977281	921.000531		
1.00000	18.968855	77.606075		6.674501
726.117245	65.853376	1147.502		
COMB DB-G1-3				MIN
REL DIST	M2	P	V2	V3
0.00000	-3.087556	-913.517706		-5.690414
-733.320181	-80.965938	-4492.686		
0.25000	-3.087556	-793.260978		-5.690414
-733.320181	-59.325801	-3846.688		
0.50000	-3.087556	-772.895440		-5.690414
-733.320181	-58.202460	-3418.832		
0.75000	-3.087556	-752.424274		-5.690414
-733.320181	-57.259810	-3295.909		
1.00000	-3.087556	-732.129522		-5.690414
-733.320181	-56.478713	-3173.764		
COMB DB-G2-1				MAX
REL DIST	M2	P	V2	V3
0.00000	2.967715	51.347813		1.665096
428.396021	9.325170	347.250211		
0.25000	2.967102	51.478847		1.665096
427.303418	9.081945	343.091421		
0.50000	2.954955	51.637401		1.665096
426.330785	8.840102	338.932631		
0.75000	2.948759	51.862051		1.665096
425.380933	8.599771	334.999848		
1.00000	2.942539	52.123476		1.665096
424.490929	8.363040	333.161516		
COMB DB-G2-1				MIN
REL DIST	M2	P	V2	V3
0.00000	-2.668805	-113.719730		-4.933276
-258.302341	-44.707873	-867.356256		
0.25000	-2.668805	-113.429986		-4.933276
-259.098022	-41.211169	-743.665111		
0.50000	-2.717538	-113.162493		-4.933276
-259.937443	-40.426505	-707.800081		
0.75000	-2.717692	-112.893838		-4.933276
-260.815524	-39.925057	-753.900242		
1.00000	-2.183114	-112.626248		-4.933276
-261.864488	-39.571506	-801.570699		
COMB DB-G2-2				MAX
REL DIST	M2	P	V2	V3
0.00000	7.798408	63.698705		2.446609
707.879020	30.600135	683.041675		
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FRAME ELEMENT INTERNAL FORCES				
REL DIST	M2	P	V2	V3
0.25000	7.798162	63.703561		2.446609
707.838506	29.230868	671.728100		
0.50000	7.797935	63.709459		2.446609
707.802444	28.326091	660.414525		
0.75000	7.797706	63.717771		2.446609
707.767186	27.189150	649.109343		
1.00000	7.797475	63.727459		2.446609
707.734185	26.052228	661.797244		
COMB DB-G2-2				MIN
REL DIST	M2	P	V2	V3
0.00000	-2.872112	-306.137764		-6.546443
-462.637307	-77.110757	-2163.755		
0.25000	-2.872112	-306.127027		-6.546443
-462.666807	-72.985092	-1855.214		
0.50000	-2.872214	-306.117117		-6.546443
-462.697928	-71.709057	-1708.978		
0.75000	-2.872414	-306.107163		-6.546443
-462.730481	-70.654440	-1742.688		
1.00000	-2.872643	-306.097249		-6.546443
-462.769376	-69.818097	-1777.563		
COMB DB-G2-3				MAX
REL DIST	M2	P	V2	V3
0.00000	16.818834	65.905439		5.219127
823.796923	58.598419	961.841727		
0.25000	16.818834	65.905439		5.219127
791.147665	55.989604	905.966307		
0.50000	16.104793	76.079524		5.219127
769.476580	53.436175	920.090888		
0.75000	15.749408	86.030719		5.219127
769.476580	51.215937	905.069745		
1.00000	15.392915	100.040962		5.219127
769.476580	49.140393	1057.157		
COMB DB-G2-3				MIN
REL DIST	M2	P	V2	V3
0.00000	-3.463327	-659.259810		-7.289929
-623.689626	-88.154789	-3786.063		
0.25000	-3.463327	-643.569214		-7.289929
-623.689626	-83.121442	-3244.479		
0.50000	-3.463250	-628.459053		-7.289929

-623.689626	-81.179309	-2921.280		
0.75000	-3.463250	-613.279143		-7.289929
-635.960922	-79.965441	-2872.861		
1.00000	-3.745899	-598.197294		-7.289929
-669.041234	-78.942843	-2825.517		
COMB DL-G1-1 ----- MAX				
REL DIST	M2	P	V2	V3
0.00000	17.867017	15.960216		5.299142
326.566775	99.043449	542.369100		
0.25000	17.241317	16.882761		5.299142
326.857149	94.146714	534.146494		
0.50000	16.617200	13.758608		5.299142
326.857149	89.435449	589.000109		
0.75000	15.999360	31.557514		5.299142
326.857149	84.887418	689.038777		
1.00000	15.392506	40.116748		5.299142
326.857149	80.788444	801.231330		
COMB DL-G1-1 ----- MIN				
REL DIST	M2	P	V2	V3
0.00000	-1.220963	-668.206229		-1.446999
-580.709749	-12.363596	-5872.259		
0.25000	-1.224769	-643.359313		-1.446999
-577.948988	-12.014975	-5178.359		
0.50000	-1.241827	-618.705137		-1.446999
-574.899900	-11.667664	-4533.204		
0.75000	-1.273940	-594.365867		-1.446999
-571.850811	-11.321398	-3934.917		
1.00000	-1.351001	-570.588812		-1.446999
-568.801723	-11.276910	-3382.798		
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FRAME ELEMENT INTERNAL FORCES				
COMB DL-G1-2 ----- MAX				
REL DIST	M2	P	V2	V3
0.00000	27.664052	30.048225		7.089287
552.959159	139.792639	989.743337		
0.25000	26.863934	34.461808		7.089287
549.759433	133.284864	974.609375		
0.50000	26.067262	44.194675		7.089287
549.086963	127.154268	1047.603		
0.75000	25.279998	55.178184		7.089287
549.086963	121.478096	1186.866		
1.00000	24.507666	67.227018		7.089287
549.086963	116.333005	1392.677		
COMB DL-G1-2 ----- MIN				
REL DIST	M2	P	V2	V3
0.00000	-1.844626	-1047.869		-2.781573
-770.350752	-45.062330	-9662.859		
0.25000	-1.859412	-1015.877		-2.781573
-772.999067	-43.304693	-8575.872		
0.50000	-1.893469	-984.156718		-2.781573
-777.810674	-41.950327	-7552.797		
0.75000	-1.964464	-952.932302		-2.781573
-783.294750	-40.971599	-6608.151		
1.00000	-2.251191	-922.465139		-2.781573
-788.778827	-41.274400	-5738.850		
COMB DL-G1-3 ----- MAX				
REL DIST	M2	P	V2	V3
0.00000	30.079222	61.367650		7.430973
926.930509	141.563012	1266.819		
0.25000	29.294809	65.187818		7.430973
924.629772	135.115594	1247.552		
0.50000	28.584614	73.829815		7.430973
924.182344	129.066303	1307.024		
0.75000	27.882832	83.583826		7.430973
924.182344	123.305311	1491.354		
1.00000	27.194320	94.284490		7.430973
924.182344	118.084159	1636.733		
COMB DL-G1-3 ----- MIN				
REL DIST	M2	P	V2	V3
0.00000	-3.701673	-1105.722		-5.995487
-954.929042	-104.362601	-10748.823		
0.25000	-3.714487	-1077.214		-5.995487
-957.186959	-100.216021	-9617.520		
0.50000	-3.744181	-1048.952		-5.995487
-961.298228	-96.495121	-8546.593		
0.75000	-3.800817	-1021.124		-5.995487
-965.856924	-93.037054	-7566.779		
1.00000	-4.055367	-993.965151		-5.995487
-970.415620	-90.806796	-6693.154		
COMB DL-G2-1 ----- MAX				
REL DIST	M2	P	V2	V3
0.00000	5.351115	67.301119		1.564275
609.822582	12.506640	443.924279		
0.25000	5.342394	67.437114		1.564275
609.053389	12.188688	438.581194		
0.50000	5.333758	67.580436		1.564275
608.314054	11.997860	436.764023		
0.75000	5.325273	67.746242		1.564275
607.612706	12.091994	441.99036		
1.00000	5.317001	67.927258		1.564275
606.958457	12.582962	456.951163		
COMB DL-G2-1 ----- MIN				
REL DIST	M2	P	V2	V3
0.00000	-3.284232	-156.005780		-5.177765
-342.894087	-91.530284	-1929.516		
0.25000	-3.287326	-155.64183		-5.177765
-343.502417	-87.020298	-1822.584		
0.50000	-3.290953	-155.291487		-5.177765
-344.174708	-83.568248	-1720.244		
0.75000	-3.295001	-154.944711		-5.177765
-344.903451	-80.538119	-1626.247		
1.00000	-3.299428	-154.608228		-5.177765
-345.682804	-77.155903	-1546.104		
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FRAME ELEMENT INTERNAL FORCES				
COMB DL-G2-2 ----- MAX				
REL DIST	M2	P	V2	V3
0.00000	12.656875	85.312623		2.726919
940.547767	44.522407	870.363365		
0.25000	12.656672	85.315686		2.726919

0.25000	3.384608	26.046878	0.203693
461.728311	8.958583	330.273202	
0.50000	3.378429	26.277156	0.203693
460.851169	12.683266	327.167943	
0.75000	3.372235	26.535135	0.203693
460.000282	17.387075	366.334877	
1.00000	3.366073	26.825735	0.203693
459.172066	23.056295	483.977852	
COMB DB-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.979697	-122.647294	-6.696006
-150.515349	-1.779941	-802.101006	
0.25000	-1.984597	-122.353665	-6.696006
-151.340189	-39.165731	-120.598306	
0.50000	-1.989946	-122.084907	-6.696006
-152.210003	-36.598860	-840.065882	
0.75000	-1.995676	-121.817754	-6.696006
-153.123831	-34.034909	-859.747374	
1.00000	-2.002237	-121.554455	-6.696006
-154.175926	-31.498364	-879.858894	
COMB DB-G2-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.150262	36.913397	0.600903
740.774748	25.302130	661.935683	
0.25000	8.150012	36.921389	0.600903
740.736048	24.551131	696.693822	
0.50000	8.149783	36.929921	0.600903
740.703479	25.950828	765.950187	
0.75000	8.149553	36.939480	0.600903
740.671927	31.277667	950.243541	
1.00000	8.149325	36.950248	0.600903
740.641212	37.689797	1254.894	
COMB DB-G2-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.759334	-304.025264	-8.464562
-225.796413	-1.716575	-1170.341	
0.25000	-2.759516	-304.014383	-8.464562
-325.826998	-67.617228	-1779.319	
0.50000	-2.759714	-304.004427	-8.464562
-325.852950	-63.919405	-1780.842	
0.75000	-2.759922	-303.994529	-8.464562
-325.893133	-60.296109	-1782.608	
1.00000	-2.760170	-303.995774	-8.464562
-325.932149	-56.711733	-1785.139	
COMB DB-G2-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	16.205617	60.231541	4.584666
778.444304	48.523537	1057.013	
0.25000	15.832549	72.525703	4.584666
749.791753	45.236246	127.6783	
0.50000	15.175685	95.103790	4.584666
743.623429	44.499816	1520.865	
0.75000	15.118343	924.94532	4.584666
743.623429	47.368495	1855.096	
1.00000	14.764119	115.118942	4.584666
743.623429	51.423843	2283.685	
COMB DB-G2-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.388552	-614.811302	-7.965986
-515.170342	-82.517062	-2825.942	
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REL_DIST	P	V2	V3
T	M2	M3	
0.25000	-3.478144	-598.695818	-7.965986
-515.170342	-78.898494	-2768.446	
0.50000	-3.477498	-583.359722	-7.965986
-538.420982	-75.801300	-2711.473	
0.75000	-4.100001	-568.140556	-7.965986
-589.192027	-73.316761	-2738.182	
1.00000	-4.460009	-553.207453	-7.965986
-605.171471	-71.353485	-2598.623	
COMB DL-G1-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	14.726588	34.239930	8.698632
187.491309	83.766067	800.960612	
0.25000	14.141080	42.828078	8.698632
187.491309	74.687247	932.312294	
0.50000	13.560251	52.400546	8.698632
187.491309	66.904347	1076.383	
0.75000	12.988523	62.820261	8.698632
187.491309	59.963147	1233.477	
1.00000	12.430920	73.865641	8.698632
187.491309	53.707959	1406.265	
COMB DL-G1-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.415819	-538.16098	-0.275310
-609.573825	-10.986901	-3383.638	
0.25000	-1.157989	-515.317577	-0.275310
-606.524663	-11.235475	-2935.863	
0.50000	-1.734816	-492.434149	-0.275310
-603.475794	-13.132718	-2535.220	
0.75000	-1.973811	-470.039323	-0.275310
-600.426925	-18.432662	-2182.287	
1.00000	-2.230824	-448.364762	-0.275310
-597.377356	-20.876777	-1880.716	
COMB DL-G1-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	23.268260	58.431179	10.631756
385.110303	118.885041	1392.427	
0.25000	22.216594	70.080755	10.631756
385.110303	108.285455	1572.963	
0.50000	21.718033	83.062758	10.631756
385.110303	98.506289	1801.246	
0.75000	21.039145	97.211050	10.631756
385.110303	89.895326	2086.852	
1.00000	20.325374	112.253998	10.631756
385.110303	82.277481	2423.861	
COMB DL-G1-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.519912	-864.118801	-1.020586
-809.129703	-42.064120	-5739.744	
0.25000	-2.378969	-834.261167	-1.020586
-814.613385	-42.462738	-5008.320	
0.50000	-2.676468	-804.726677	-1.020586
-820.097068	-43.900641	-4357.597	

0.75000	-3.003587	-775.871866	-1.020586
-825.580750	-46.603322	-3789.785	
1.00000	-3.356992	-747.952562	-1.020586
-831.064432	-50.465226	-3314.137	
COMB DL-G1-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	26.196588	69.156989	9.818969
791.420538	119.839385	1636.661	
0.25000	25.526563	79.514959	9.818969
791.420538	110.165701	1819.455	
0.50000	24.862818	91.058195	9.818969
791.420538	101.606561	2067.461	
0.75000	24.209822	103.641639	9.818969
791.420538	94.716672	2415.931	
1.00000	23.573748	117.017326	9.818969
791.420538	90.549957	2844.772	
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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	
0.00000	-3.679812	-938.346633	-6.301070
-896.282549	-93.661450	-5493.802	
0.25000	-3.896415	-911.654510	-6.301070
-900.840918	-88.832019	-5927.953	
0.50000	-4.160461	-885.339306	-6.301070
-905.399286	-85.312816	-5255.416	
0.75000	-4.451222	-859.628644	-6.301070
-909.957654	-83.461581	-4682.405	
1.00000	-4.764585	-834.749438	-6.301070
-914.516023	-83.160386	-4219.486	
COMB DL-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.925023	33.888396	0.273058
643.684693	12.488752	457.227993	
0.25000	5.916876	34.045532	0.273058
642.982582	14.017451	483.653559	
0.50000	5.908439	34.220573	0.273058
642.306985	16.571970	531.660782	
0.75000	5.900371	34.412137	0.273058
641.666518	20.337461	620.677665	
1.00000	5.892541	34.618125	0.273058
641.070695	25.195178	753.488331	
COMB DL-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.773246	-166.321396	-8.769824
-198.995613	-81.899698	-1545.396	
0.25000	-2.776927	-165.980622	-8.769824
-199.638798	-74.111027	-1426.819	
0.50000	-2.781057	-165.646074	-8.769824
-204.250511	-68.893534	-1333.704	
0.75000	-2.785600	-165.320565	-8.769824
-201.109086	-60.343635	-1275.602	
1.00000	-2.790512	-165.006726	-8.769824
-201.923421	-54.457535	-1262.547	
COMB DL-G2-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.620809	50.376126	0.853205
966.475461	37.930783	955.912060	
0.25000	12.620809	50.376126	0.853205
966.458809	37.944664	1003.335	
0.50000	12.620423	50.383894	0.853205
966.442781	40.223572	1113.454	
0.75000	12.620235	50.388374	0.853205
966.427583	43.905433	1326.434	
1.00000	12.620053	50.393192	0.853205
966.413431	48.862105	1627.446	
COMB DL-G2-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.724389	-410.249272	-11.023188
-404.261622	-125.199584	-3570.689	
0.25000	-3.724475	-410.241335	-11.023188
-404.276791	-115.033210	-3225.813	
0.50000	-3.724571	-410.233542	-11.023188
-404.293454	-105.557500	-2936.408	
0.75000	-3.724678	-410.225962	-11.023188
-404.311480	-96.934081	-2712.842	
1.00000	-3.724793	-410.218654	-11.023188
-404.330701	-89.093805	-2581.318	
COMB DL-G2-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	22.463599	75.525355	5.908349
1020.923	85.638804	1508.049	
0.25000	21.900612	80.613793	5.908349
996.226233	81.112738	1652.803	
0.50000	21.522809	92.620705	5.908349
972.640928	78.920543	1861.765	
0.75000	21.063747	102.458988	5.908349
956.762793	78.364158	2172.187	
1.00000	20.617114	112.971692	5.908349
956.087484	79.356900	2572.662	
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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	
0.00000	-4.408737	-938.346633	-11.023188
-896.282549	-130.504553	-6693.802	
0.25000	-4.595265	-911.654510	-11.023188
-900.840918	-121.435865	-5927.953	
0.50000	-4.804728	-885.339306	-11.023188
-905.399286	-113.448291	-5255.416	
0.75000	-5.035189	-859.628644	-11.023188
-909.957654	-106.749491	-4682.405	
1.00000	-5.283752	-834.749438	-11.023188
-914.516023	-101.169973	-4219.486	
COMB DESIGN ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	26.196588	75.525355	10.631756
1020.923	119.839385	1636.661	
0.25000	25.526563	83.613793	10.631756
996.226233	110.165701	1819.455	
0.50000	24.862818	92.620705	10.63

0.00000 15.732974 74.851832 4.577798
731.511184 53.973013 2284.728
0.25000 15.337935 68.245594 4.577798
708.906253 50.930676 2509.676
0.50000 14.960949 102.522210 4.577798
686.291362 55.149548 2966.843
0.75000 14.587040 117.531626 4.577798
672.575722 57.843910 3354.401
1.00000 14.220315 133.855588 4.577798
672.575722 61.968596 3755.757

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

REL_DIST M2 P M3 V2 V3
0.00000 -3.517323 -564.480267 -7.891378
-411.963280 -78.039010 -2598.930
0.25000 -3.812421 -547.844860 -7.891378
-426.046328 -74.137352 -2534.293
0.50000 -4.132930 -532.084830 -7.891378
-456.262942 -70.679516 -2469.898
0.75000 -4.475770 -516.604923 -7.891378
-489.228482 -67.795504 -2405.546
1.00000 -4.857120 -501.538922 -7.891378
-533.555749 -65.580480 -2341.365

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

REL_DIST M2 P M3 V2 V3
0.00000 12.585595 57.704159 8.735426
77.765954 56.073607 1405.393
0.25000 12.01726 68.200317 8.735426
77.765954 48.750136 1622.676
0.50000 11.459286 79.700897 8.735426
77.765954 42.068139 1860.897
0.75000 10.909699 92.022732 8.735426
77.765954 36.019332 2109.855
1.00000 10.371720 104.967517 8.735426
77.765954 30.517611 2334.741

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

REL_DIST M2 P M3 V2 V3
0.00000 -1.908845 -441.172655 -0.378219
-560.666859 -22.579912 -1881.441
0.25000 -2.143930 -419.317287 -0.378219
-557.617515 -24.612717 -1676.195
0.50000 -2.405209 -397.823636 -0.378219
-554.568172 -27.726568 -1551.695
0.75000 -2.688948 -376.891213 -0.378219
-551.518828 -32.043553 -1469.158
1.00000 -2.990184 -356.742133 -0.378219
-548.469484 -37.396579 -1391.958
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P M3 V2 V3
0.00000 20.164067 91.873116 10.630814
253.124191 84.194588 2422.991
0.25000 19.431881 105.910637 10.630814
253.124191 75.430566 2772.307
0.50000 18.707932 121.283113 10.630814
253.124191 67.36257 3185.1
0.75000 17.999967 137.766390 10.630814
253.124191 59.978342 3641.246
1.00000 17.313895 155.108277 10.630814
253.124191 53.177638 4069.043

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

REL_DIST M2 P M3 V2 V3
0.00000 -2.838465 -718.717133 -1.085919
-781.256339 -53.580636 -3315.025
0.25000 -3.154826 -690.280140 -1.085919
-766.740875 -55.018891 -2999.810
0.50000 -3.506582 -662.381479 -1.085919
-772.225412 -57.643501 -2815.619
0.75000 -3.888193 -635.266781 -1.085919
-777.709948 -41.585054 -2689.396
1.00000 -4.204487 -609.224847 -1.085919
-783.194484 -66.628257 -2568.621

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

REL_DIST M2 P M3 V2 V3
0.00000 23.261127 91.161183 9.881214
635.392894 93.725853 2844.969
0.25000 22.608825 103.652228 9.881214
635.392894 87.170799 3279.123
0.50000 21.963814 117.330418 9.881214
635.392894 81.826389 3793.684
0.75000 21.332992 131.996628 9.881214
635.392894 77.773833 4350.410
1.00000 20.721784 147.425943 9.881214
635.392894 74.786777 4885.430

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

REL_DIST M2 P M3 V2 V3
0.00000 -4.066641 -795.708840 -6.374657
-777.333478 -47.731904 -2420.433
0.25000 -4.348811 -770.378817 -6.374657
-781.892557 -84.539451 -3906.867
0.50000 -4.660993 -745.526691 -6.374657
-786.451635 -82.843822 -3727.145
0.75000 -5.000468 -721.371401 -6.374657
-791.010714 -82.747959 -3600.514
1.00000 -5.360930 -698.152598 -6.374657
-795.569792 -84.000309 -3441.325

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

REL_DIST M2 P M3 V2 V3
0.00000 6.048988 11.700780 0.426179
593.180820 26.592382 755.050651
0.25000 6.040598 11.881370 0.426179
592.478134 28.915171 897.978393
0.50000 6.032366 12.073908 0.426179
591.812444 32.381101 1053.784
0.75000 6.024365 12.292216 0.426179
591.193968 37.056930 1212.121
1.00000 6.016677 12.517169 0.426179
590.631709 42.741390 1371.704

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

REL_DIST M2 P M3 V2 V3
0.00000 -2.669278 -159.218844 -8.948617
-53.926876 -12.073908 12.073908
0.25000 -2.373463 -158.866761 -8.948617
-84.599901 49.882056 -1245.595
0.50000 -2.378088 -158.563041 -8.948617
-85.328045 43.380350 -1238.778
0.75000 -2.383103 -158.251071 -8.948617

-86.102078 -37.504885 -1232.395
1.00000 -2.388443 -157.953272 -8.948617
-86.911966 -32.134485 -1226.024
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P M3 V2 V3
0.00000 12.138747 31.623257 0.944864
892.410811 50.382947 1629.372
0.25000 12.138551 31.627475 0.944864
892.394125 52.669332 1887.671
0.50000 12.138360 31.632100 0.944864
892.378316 56.228680 2206.282
0.75000 12.138173 31.637074 0.944864
892.363617 61.176054 2558.704
1.00000 12.137994 31.642330 0.944864
892.350246 67.279357 2919.120

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

REL_DIST M2 P M3 V2 V3
0.00000 -3.274038 -371.702921 -11.083111
-265.565892 -32.103906 -2581.492
0.25000 -3.274136 -371.695179 -11.083111
-265.581778 -82.988517 -2492.250
0.50000 -3.274244 -371.687636 -11.083111
-265.598962 -74.682442 -2447.025
0.75000 -3.274361 -371.680367 -11.083111
-265.617231 -67.133301 -2409.788
1.00000 -3.274486 -371.673430 -11.083111
-265.636347 -60.190467 -2372.548

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

REL_DIST M2 P M3 V2 V3
0.00000 20.595974 74.977135 6.049409
905.860973 81.055132 2573.951
0.25000 20.128213 84.479769 6.049409
892.000667 78.687013 2976.365
0.50000 19.667443 94.892117 6.049409
859.675653 78.300546 3453.800
0.75000 19.218243 106.070717 6.049409
839.201033 79.404577 3965.720
1.00000 18.784692 117.863642 6.049409
836.831883 81.866969 4462.292

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

REL_DIST M2 P M3 V2 V3
0.00000 -4.372789 -680.996555 -10.368447
-523.051179 -107.279580 -3811.723
0.25000 -4.590416 -662.657523 -10.368447
-550.452468 -99.560622 -3581.308
0.50000 -4.831283 -644.720813 -10.368447
-580.259916 -93.087735 -3453.339
0.75000 -5.091789 -627.365877 -10.368447
-611.926267 -87.865774 -3361.475
1.00000 -5.369697 -610.738001 -10.368447
-644.601697 -83.625689 -3271.672

COMB DB ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 18.493078 101.389208 7.922145
731.511184 55.635334 2696.063
0.25000 17.974024 121.609085 7.922145
731.511184 53.853276 3064.608
0.50000 17.457113 143.260913 7.922145
710.369460 55.149548 3459.267
0.75000 16.944236 166.081844 7.922145
710.339084 57.843910 3879.450
1.00000 16.441836 190.039734 7.922145
710.310175 61.968596 4307.959

COMB DB ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -3.517323 -669.043520 -8.266137
-615.772643 -78.039010 -2758.330
0.25000 -3.812421 -647.329809 -8.266137
-615.772643 -74.137352 -2668.481
0.50000 -4.132930 -625.931387 -8.266137
-615.772643 -70.679516 -2578.933
0.75000 -4.475770 -604.913676 -8.266137
-615.772643 -69.031003 -2489.590
1.00000 -4.871099 -584.556070 -8.266137
-615.772643 -71.447314 -2400.401
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 23.261127 91.873116 10.630814
905.860973 93.725853 2844.969
0.25000 22.608825 105.910637 10.630814
892.394125 87.170799 3279.123
0.50000 21.963814 121.283113 10.630814
892.378316 81.826389 3793.684
0.75000 21.332992 137.766390 10.630814
892.363617 79.404577 4350.410
1.00000 20.721784 155.108277 10.630814
892.350246 81.866969 4885.430

COMB DL ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 6.048988 11.700780 0.426179
593.180820 26.592382 755.050651
0.25000 6.040598 11.881370 0.426179
592.478134 28.915171 897.978393
0.50000 6.032366 12.073908 0.426179
591.812444 32.381101 1053.784
0.75000 6.024365 12.292216 0.426179
591.193968 37.056930 1212.121
1.00000 6.016677 12.517169 0.426179
590.631709 42.741390 1371.704

COMB CAR ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 23.261127 91.873116 10.630814
905.860973 93.725853 2844.969
0.25000 22.608825 121.609085 10.630814
892.394125 87.170799 3279.123
0.50000 21.963814 143.260913 10.630814

892.378316 81.826389 3793.684
0.75000 21.332992 166.081844 10.630814
892.353617 19.404577 4350.410
1.00000 20.721784 190.039734 10.630814
892.350246 81.866969 4885.430

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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P M3 V2 V3
0.00000 -4.372789 -795.708840 -11.083111
-777.333478 -107.279580 -4220.433
0.25000 -4.590416 -770.378817 -11.083111
-781.892557 -99.560622 -3906.867
0.50000 -4.831283 -745.526691 -11.083111
-786.451635 -93.087735 -3727.145
0.75000 -5.091789 -721.371401 -11.083111
-791.010714 -87.865774 -3600.514
1.00000 -5.369697 -698.152598 -11.083111
-795.569792 -84.000309 -3441.325

COMB DESIGN ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 23.261127 101.389208 10.630814
905.860973 93.725853 2844.969
0.25000 22.608825 121.609085 10.630814
892.394125 87.170799 3279.123
0.50000 21.963814 143.260913 10.630814
892.378316 81.826389 3793.684
0.75000 21.332992 166.081844 10.630814
892.353617 19.404577 4350.410
1.00000 20.721784 190.039734 10.630814
892.350246 81.866969 4885.430

COMB DESIGN ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -4.372789 -795.708840 -11.083111
-777.333478 -107.279580 -4220.433
0.25000 -4.590416 -770.378817 -11.083111
-781.892557 -99.560622 -3906.867
0.50000 -4.831283 -745.526691 -11.083111
-786.451635 -93.087735 -3727.145
0.75000 -5.091789 -721.371401 -11.083111
-791.010714 -87.865774 -3600.514
1.00000 -5.369697 -698.152598 -11.083111
-795.569792 84.000309 -3441.325
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FRAME ELEMENT INTERNAL FORCES

ELEM 37 ----- LENGTH =

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

REL_DIST M2 P M3 V2 V3
0.00000 9.745033 99.436536 5.304404
11.030830 20.401450 2232.312
0.25000 9.291082 115.495922 5.304404
11.030830 18.120098 2419.630
0.50000 8.832077 132.640630 5.304404
11.030830 15.848433 2585.134
0.75000 8.783919 150.609300 5.304404
11.030830 13.524335 4615.631
1.00000 7.935403 168.951822 5.304404
11.030830 11.333904 2847.189

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

REL_DIST M2 P M3 V2 V3
0.00000 -1.946584 -350.641649 -1.648300
-377.378866 -39.472201 -1000.628
0.25000 -2.311384 -332.013086 -1.648300
-377.378866 -40.292862 -957.964880
0.50000 -2.708777 -313.383164 -1.648300
-377.378866 -41.902802 -915.301560
0.75000 -3.132364 -295.164746 -1.648300
-377.378866 -44.586572 -872.750047
1.00000 -3.571265 -277.598531 -1.648300
-377.378866 -48.410621 -830.225321

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

REL_DIST M2 P M3 V2 V3
0.00000 15.752392 150.547014 6.589832
172.60917 30.014150 3790.789
0.25000 15.140896 171.946860 6.589832
172.260917 30.086850 4064.103
0.50000 14.536239 194.710340 6.589832
172.260917 27.160291 4338.487
0.75000 13.938890 218.533015 6.589832
172.260917 24.423355 4615.631
1.00000 13.355221 243.350495 6.589832
172.260917 21.324705 4882.177

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

REL_DIST M2 P M3 V2 V3
0.00000 -2.949544 -561.647705 -2.577713
-554.480221 -66.213297 -1843.981
0.25000 -3.433684 -536.463419 -2.577713
-554.480221 -65.828760 -1772.445
0.50000 -3.958939 -511.802445 -2.577713
-554.480221 -66.433797 -1700.909
0.75000 -4.517896 -487.696263 -2.577713
-554.480221 -68.279252 -1629.523
1.00000 -5.109828 -464.421911 -2.577713
-554.480221 -71.470407 -1558.158

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

REL_DIST M2 P M3 V2 V3
0.00000 17.237629 142.499363 7.061401
446.826908 59.929153 4037.863
0.25000 16.695419 161.484152 7.061401
446.826908 53.603614 4625.203
0.50000 16.158707 181.682149 7.061401
446.826908 51.804102 4957.680
0.75000 15.628464 202.821413 7.061401
446.826908 50.815322 5255.783
1.00000 15.110390 224.822418 7.061401
446.826908 50.468259 5654.986

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

REL_DIST M2 P M3 V2 V3
0.00000 -3.668034 -601.817149 -5.644548
-542.709084 -77.861517 -2400.486
0.25000 -4.097620 -579.490152 -5.644548
-542.709084 75.868945 -2318.924

180.359074	53.645186	4067.733	
0.25000	16.690692	143.144920	8.323789
180.359074	46.118721	4437.078	
0.50000	15.900345	160.431392	8.323789
180.359074	43.082416	4782.744	
0.75000	15.308674	178.75826	8.323789
180.359074	38.448330	5109.410	
1.00000	14.651511	197.924742	8.323789
180.359074	34.115601	5401.855	

COMB DL-G1-2					MIN
REL_DIST	T	M2	M3	V2	V3
0.00000	-3.414825	-604.806183			-2.254643
-654.418910	-71.508182	-2568.706			
0.25000	-3.772134	-577.545356			-2.254643
-659.902078	-72.284663	-2470.611			
0.50000	-4.163078	-550.933308			-2.254643
-665.385245	-74.068978	-2372.518			
0.75000	-4.583062	-525.206516			-2.254643
-670.868412	-76.888799	-2274.386			
1.00000	-5.026266	-500.648149			-2.254643
-676.351579	-80.505575	-2176.307			

COMB DL-G1-3					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	20.278123	123.574006			8.471749
501.790473	77.627465	4885.142			
0.25000	19.644001	137.831193			8.471749
501.790473	77.627465	5324.577			
0.50000	19.644001	153.217909			8.471749
501.790473	70.652033	5748.244			
0.75000	18.412738	169.545750			8.471749
501.790473	68.517927	6157.895			
1.00000	17.827322	186.588763			8.471749
501.790473	67.084848	6536.992			
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COMB DL-G1-3					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	20.278123	123.574006			8.471749
501.790473	77.627465	4885.142			
0.25000	19.644001	137.831193			8.471749
501.790473	77.627465	5324.577			
0.50000	19.644001	153.217909			8.471749
501.790473	70.652033	5748.244			
0.75000	18.412738	169.545750			8.471749
501.790473	68.517927	6157.895			
1.00000	17.827322	186.588763			8.471749
501.790473	67.084848	6536.992			
Program	SAP2000	Nonlinear	Version	7.42	
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COMB DL-G2-1					MIN
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.394161	-673.506372			-6.271117
-640.366413	-89.330137	-3441.540			
0.25000	-4.712143	-649.227934			-6.271117
-644.924345	-87.252060	-3327.580			
0.50000	-5.060068	-625.525169			-6.271117
-649.482294	-86.393561	-3213.623			
0.75000	-5.434133	-602.608813			-6.271117
-654.040234	-86.727073	-3099.635			
1.00000	-5.828251	-580.732098			-6.271117
-658.598175	-87.967305	-2936.804			

COMB DL-G2-1					MIN
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.394161	-673.506372			-6.271117
-640.366413	-89.330137	-3441.540			
0.25000	-4.712143	-649.227934			-6.271117
-644.924345	-87.252060	-3327.580			
0.50000	-5.060068	-625.525169			-6.271117
-649.482294	-86.393561	-3213.623			
0.75000	-5.434133	-602.608813			-6.271117
-654.040234	-86.727073	-3099.635			
1.00000	-5.828251	-580.732098			-6.271117
-658.598175	-87.967305	-2936.804			

COMB DL-G2-2					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.394161	-673.506372			-6.271117
-640.366413	-89.330137	-3441.540			
0.25000	-4.712143	-649.227934			-6.271117
-644.924345	-87.252060	-3327.580			
0.50000	-5.060068	-625.525169			-6.271117
-649.482294	-86.393561	-3213.623			
0.75000	-5.434133	-602.608813			-6.271117
-654.040234	-86.727073	-3099.635			
1.00000	-5.828251	-580.732098			-6.271117
-658.598175	-87.967305	-2936.804			

COMB DL-G2-2					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.394161	-673.506372			-6.271117
-640.366413	-89.330137	-3441.540			
0.25000	-4.712143	-649.227934			-6.271117
-644.924345	-87.252060	-3327.580			
0.50000	-5.060068	-625.525169			-6.271117
-649.482294	-86.393561	-3213.623			
0.75000	-5.434133	-602.608813			-6.271117
-654.040234	-86.727073	-3099.635			
1.00000	-5.828251	-580.732098			-6.271117
-658.598175	-87.967305	-2936.804			

COMB DL-G2-3					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.394161	-673.506372			-6.271117
-640.366413	-89.330137	-3441.540			
0.25000	-4.712143	-649.227934			-6.271117
-644.924345	-87.252060	-3327.580			
0.50000	-5.060068	-625.525169			-6.271117
-649.482294	-86.393561	-3213.623			
0.75000	-5.434133	-602.608813			-6.271117
-654.040234	-86.727073	-3099.635			
1.00000	-5.828251	-580.732098			-6.271117
-658.598175	-87.967305	-2936.804			

COMB DL-G2-3					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.394161	-673.506372			-6.271117
-640.366413	-89.330137	-3441.540			
0.25000	-4.712143	-649.227934			-6.271117
-644.924345	-87.252060	-3327.580			
0.50000	-5.060068	-625.525169			-6.271117
-649.482294	-86.393561	-3213.623			
0.75000	-5.434133	-602.608813			-6.271117
-654.040234	-86.727073	-3099.635			
1.00000	-5.828251	-580.732098			-6.271117
-658.598175	-87.967305	-2936.804			

COMB DB					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.375790	-585.130734			-8.889441
-415.540382	-89.267280	-3271.925			
0.25000	-4.615686	-567.429847			-8.889441
-442.042424	-84.072643	-3173.799			
0.50000	-4.878278	-550.225442			-8.889441
-470.783050	-79.807733	-3075.646			
0.75000	-5.160510	-533.667639			-8.889441
-501.187078	-76.364867	-2977.528			
1.00000	-5.400000	-517.910433			-8.889441
-532.620633	-73.504819	-2879.439			

COMB DB					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.375790	-585.130734			-8.889441
-415.540382	-89.267280	-3271.925			
0.25000	-4.615686	-567.429847			-8.889441
-442.042424	-84.072643	-3173.799			
0.50000	-4.878278	-550.225442			-8.889441
-470.783050	-79.807733	-3075.646			
0.75000	-5.160510	-533.667639			-8.889441
-501.187078	-76.364867	-2977.528			
1.00000	-5.400000	-517.910433			-8.889441
-532.620633	-73.504819	-2879.439			

COMB DB					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.375790	-585.130734			-8.889441
-415.540382	-89.267280	-3271.925			
0.25000	-4.615686	-567.429847			-8.889441
-442.042424	-84.072643	-3173.799			
0.50000	-4.878278	-550.225442			-8.889441
-470.783050	-79.807733	-3075.646			
0.75000	-5.160510	-533.667639			-8.889441
-501.187078	-76.364867	-2977.528			
1.00000	-5.400000	-517.910433			-8.889441
-532.620633	-73.504819	-2879.439			

COMB DB					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.375790	-585.130734			-8.889441
-415.540382	-89.267280	-3271.925			
0.25000	-4.615686	-567.429847			-8.889441
-442.042424	-84.072643	-3173.799			
0.50000	-4.878278	-550.225442			-8.889441
-470.783050	-79.807733	-3075.646			
0.75000	-5.160510	-533.667639			-8.889441
-501.187078	-76.364867	-2977.528			
1.00000	-5.400000	-517.910433			-8.889441
-532.620633	-73.504819	-2879.439			

COMB DB					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.375790	-585.130734			-8.889441
-415.540382	-89.267280	-3271.925			
0.25000	-4.615686	-567.429847			-8.889441
-442.042424	-84.072643	-3173.799			
0.50000	-4.878278	-550.225442			-8.889441
-470.783050	-79.807733	-3075.646			
0.75000	-5.160510	-533.667639			-8.889441
-501.187078	-76.364867	-2977.528			
1.00000	-5.400000	-517.910433			-8.889441
-532.620633	-73.504819	-2879.439			

COMB DB					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	-4.375790	-585.130734			-8.889441
-415.540382	-89.267280	-3271.925			
0.25000	-4.615686	-567.429847			-8.889441
-442.042424	-84.072643	-3173.799			
0.50000	-4.878278	-550.225442			-8.889441
-470.783050	-79.807733	-3075.646			
0.75000	-5.160510	-533.667639			-8.889441
-501.187078	-76.364867	-2977.528			
1.00000	-5.400000	-517.910433			-8.889441
-532.620633	-73.504819	-2879.439			

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FRAME ELEMENT INTERNAL FORCES					
COMB	CAR	----- MIN			
REL DIST	P	V2	V3		
T	M2	M3			

0.25000 4.868274 12.550346 2.556545
363.415266 61.885532 1962.747
0.50000 4.860256 12.780629 2.556545
362.756033 62.690897 2044.845
0.75000 4.852552 12.032957 2.556545
362.149093 64.140342 2127.906
1.00000 4.845218 13.277983 2.556545
361.601635 66.187731 2212.320

COMB DL-G2-1 ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -1.827948 -115.055333 -4.934562
-30.153931 -18.489451 -1124.934
0.25000 -1.832879 -114.743626 -4.934562
-30.795237 -16.433420 -1089.575
0.50000 -1.838228 -114.443375 -4.934562
-31.480647 -14.556734 -1054.213
0.75000 -1.843930 -114.157316 -4.934562
-32.200367 -12.777926 -1018.842
1.00000 -1.849932 -113.887481 -4.934562
-32.945488 -11.046269 -983.479737
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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 V2 V3

0.00000 9.370077 52.515188 3.616151
609.242191 61.558881 3972.757
0.25000 9.369885 52.520202 3.616151
609.225518 67.335411 4115.597
0.50000 9.369698 52.525575 3.616151
609.209882 67.874412 4275.148
0.75000 9.369518 52.531253 3.616151
609.195482 69.017296 4457.636
1.00000 9.369347 52.537181 3.616151
609.182484 90.761091 4648.513

COMB DL-G2-2 ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -2.787964 -261.628180 -6.430445
-214.048601 -41.371434 -2135.467
0.25000 -2.788079 -261.620911 -6.430445
-214.063767 -38.331768 -2064.421
0.50000 -2.788203 -261.613911 -6.430445
-214.079962 -35.552724 -1993.384
0.75000 -2.788337 -261.607243 -6.430445
-214.096976 -32.800871 -1922.283
1.00000 -2.788477 -261.600955 -6.430445
-214.114586 -30.066333 -1851.217

COMB DL-G2-3 ----- MAX
REL_DIST T M2 M3 V2 V3

0.00000 15.843339 127.038011 6.289680
664.647006 61.519439 454.750189
0.25000 15.388367 138.649170 6.289680
639.919936 90.318466 6261.165
0.50000 14.944865 151.086363 6.289680
616.748001 89.782942 6510.522
0.75000 14.516811 164.214469 6.289680
598.660855 89.918532 6755.636
1.00000 14.107824 177.900131 6.289680
577.073632 90.623895 6982.830

COMB DL-G2-3 ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -4.478587 -488.294862 -7.420386
-388.941251 -78.936812 -2879.581
0.25000 -4.743716 -471.257612 -7.420386
-413.737199 -75.485114 -2777.416
0.50000 -5.031361 -454.750189 -7.420386
-440.539056 -72.612182 -2675.245
0.75000 -5.337970 -438.963615 -7.420386
-468.799511 -70.136492 -2572.977
1.00000 -5.660491 -424.004273 -7.420386
-497.968425 -67.951358 -2470.772

COMB DB ----- MAX
REL_DIST T M2 M3 V2 V3

0.00000 16.010286 196.484333 6.912556
637.951251 76.519439 565.980
0.25000 15.435580 198.925352 6.912556
599.088524 74.710518 5887.168
0.50000 14.866678 242.594011 6.912556
569.222447 73.988180 6123.256
0.75000 14.305489 267.193025 6.912556
553.572298 74.140888 6394.185
1.00000 13.757393 292.689826 6.912556
553.545180 76.441993 6602.583

COMB DB ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -4.243915 -534.647640 -6.919957
-508.898300 -82.624144 -2074.642
0.25000 -4.714590 -511.769578 -6.919957
-508.898300 -79.714328 -1997.372
0.50000 -5.219423 -489.350639 -6.919957
-508.898300 -77.624605 -1920.102
0.75000 -5.751671 -467.462916 -6.919957
-508.898300 -76.585470 -1842.867
1.00000 -6.310595 -446.334158 -6.919957
-508.898300 -76.726805 -1769.677
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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 V2 V3

0.00000 17.559597 164.963786 7.282915
664.647006 91.681519 6538.767
0.25000 16.933132 182.593418 7.282915
663.919936 90.318466 6261.165
0.50000 16.319421 201.462513 7.282915
616.748001 89.782942 7100.532
0.75000 15.724889 221.361271 7.282915
609.195482 89.891852 7357.705
1.00000 15.154106 242.061015 7.282915
609.182484 90.761091 7585.213

COMB DL ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -4.754978 -564.404060 -7.420386
-549.579573 -93.731397 -2937.020
0.25000 -5.111672 -541.094357 -7.420386
-554.013770 -91.846177 2828.541
0.50000 -5.498228 -518.418311 -7.420386
-558.572485 -90.633445 -2719.999
0.75000 -5.910676 -496.619237 -7.420386
-563.131199 -90.140437 -2572.977
1.00000 -6.343646 -475.873969 -7.420386
-567.689914 -90.238988 -2470.772

0.00000 17.559597 164.963786 7.282915
664.647006 91.681519 6538.767
0.25000 16.933132 218.925352 7.282915
639.919936 90.318466 6262.194
0.50000 16.319421 242.594011 7.282915
616.748001 89.782942 7100.532
0.75000 15.724889 267.193025 7.282915
609.195482 89.891852 7357.705
1.00000 15.154106 292.689826 7.282915
609.182484 90.761091 7585.213

COMB CAR ----- MAX
REL_DIST T M2 M3 V2 V3

0.00000 17.559597 164.963786 7.282915
664.647006 91.681519 6538.767
0.25000 16.933132 218.925352 7.282915
639.919936 90.318466 6262.194
0.50000 16.319421 242.594011 7.282915
616.748001 89.782942 7100.532
0.75000 15.724889 267.193025 7.282915
609.195482 89.891852 7357.705
1.00000 15.154106 292.689826 7.282915
609.182484 90.761091 7585.213

COMB CAR ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -4.754978 -564.404060 -7.420386
-549.579573 -93.731397 -2937.020
0.25000 -5.111672 -541.094357 -7.420386
-554.013770 -91.846177 2828.541
0.50000 -5.498228 -518.418311 -7.420386
-558.572485 -90.633445 -2719.999
0.75000 -5.910676 -496.619237 -7.420386
-563.131199 -90.140437 -2572.977
1.00000 -6.343646 -475.873969 -7.420386
-567.689914 -90.238988 -2470.772

COMB DESIGN ----- MAX
REL_DIST T M2 M3 V2 V3

0.00000 17.559597 164.963786 7.282915
664.647006 91.681519 6538.767
0.25000 16.933132 218.925352 7.282915
639.919936 90.318466 6262.194
0.50000 16.319421 242.594011 7.282915
616.748001 89.782942 7100.532
0.75000 15.724889 267.193025 7.282915
609.195482 89.891852 7357.705
1.00000 15.154106 292.689826 7.282915
609.182484 90.761091 7585.213

COMB DESIGN ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -4.754978 -564.404060 -7.420386
-549.579573 -93.731397 -2937.020
0.25000 -5.111672 -541.094357 -7.420386
-554.013770 -91.846177 2828.541
0.50000 -5.498228 -518.418311 -7.420386
-558.572485 -90.633445 -2719.999
0.75000 -5.910676 -496.619237 -7.420386
-563.131199 -90.140437 -2572.977
1.00000 -6.343646 -475.873969 -7.420386
-567.689914 -90.238988 -2470.772
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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 39 ----- LENGTH =
5.009192

COMB DB-G1-1 ----- MAX
REL_DIST T M2 M3 V2 V3

0.00000 8.391924 153.245968 3.954827
139.189521 7.070311 3277.091
0.25000 7.892675 170.810794 3.954827
139.189521 6.567134 3372.202
0.50000 7.369965 189.256887 3.954827
139.189521 6.078911 3436.726
0.75000 6.893763 208.340882 3.954827
139.189521 5.609126 3470.300
1.00000 6.408672 227.664075 3.954827
139.189521 5.152235 3474.786

COMB DB-G1-1 ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -3.030562 -291.054830 -3.270474
-219.768546 -59.580419 -692.970679
0.25000 -4.584544 -271.606527 -3.270474
-219.768546 -58.420626 -662.495886
0.50000 -3.913851 -252.240229 -3.270474
-219.768546 -58.031228 -632.021094
0.75000 -4.390681 -233.322417 -3.270474
-219.768546 -48.961858 -601.546301
1.00000 -4.879272 -215.064180 -3.270474
-219.768546 -60.470159 -571.071508

COMB DB-G1-2 ----- MAX
REL_DIST T M2 M3 V2 V3

0.00000 13.413745 244.002019 5.166188
294.896313 15.041963 5650.474
0.25000 12.745225 267.273937 5.166188
294.697029 14.226330 5763.429
0.50000 12.084889 291.657316 5.166188
294.697029 13.420406 5955.858
0.75000 11.432995 316.871883 5.166188
294.697029 12.624033 5941.567
1.00000 10.794877 342.863207 5.166188
294.697029 11.843142 6005.660

COMB DB-G1-2 ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -4.607506 -453.959082 -4.399532
-378.204605 -83.626544 -1312.100
0.25000 -5.172498 -427.811532 -4.399532
-378.204605 -81.144957 -1255.087
0.50000 -5.772342 -402.243539 -4.399532
-378.204605 -79.626932 -1198.073
0.75000 -6.400045 -377.267252 -4.399532
-378.204605 -79.320559 -1141.060
1.00000 -7.054855 -353.120109 -4.399532
-382.292503 -80.350595 -1084.047

COMB DB-G1-3 ----- MAX
REL_DIST T M2 M3 V2 V3

0.00000 14.202152 244.065601 6.890924
455.888396 52.571091 6602.632
0.25000 13.609207 264.716813 6.890924
455.888396 50.707618 6719.243

0.50000 13.023006 286.356692 6.890924
455.888396 49.348483 6827.719
0.75000 12.444290 308.734746 6.890924
455.888396 48.727440 6938.828
1.00000 11.877838 331.782680 6.890924
455.888396 48.901992 7038.961

COMB DB-G1-3 ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -4.952838 -463.662505 -6.398367
-472.076793 -83.325371 -1765.745
0.25000 -5.454286 -440.475537 -6.398367
-472.076793 80.507327 1690.178
0.50000 -5.986729 -417.782987 -6.398367
-472.076793 78.550660 -1614.612
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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

0.00000 -6.543916 -395.615616 -6.398367
-472.076793 -77.677255 -1539.045
1.00000 -7.124672 -374.185903 -6.398367
-472.076793 -77.996178 -1463.478

COMB DB-G2-1 ----- MAX
REL_DIST T M2 M3 V2 V3

0.00000 2.266727 21.562876 3.529406
212.544056 63.166419 1636.687
0.25000 2.278731 22.230707 3.529406
211.594813 61.455474 1661.740
0.50000 2.271335 22.509688 3.529406
210.772191 60.764444 1692.185
0.75000 2.264039 22.797594 3.529406
209.982636 61.187120 1727.491
1.00000 2.256880 23.113304 3.529406
209.232467 62.619245 1766.836

COMB DB-G2-1 ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -1.232547 -57.130261 -3.951733
-120.709915 -7.973051 -700.934061
0.25000 -1.238972 -56.813095 -3.951733
-12.479959 -7.364154 -672.132430
0.50000 -1.245749 -56.521967 -3.951733
-122.282933 -6.770711 -643.330798
0.75000 -1.252823 -56.237437 -3.951733
-123.112184 -6.186826 -614.529167
1.00000 -1.260682 -55.961329 -3.951733
-124.061572 -5.618071 -585.727535

COMB DB-G2-2 ----- MAX
REL_DIST T M2 M3 V2 V3

0.00000 5.648054 80.001328 4.619674
437.926613 82.851718 3671.052
0.25000 5.645758 80.011251 4.619674
437.891540 80.427711 3691.140
0.50000 5.645484 80.021587 4.619674
437.861033 79.155427 3740.256
0.75000 5.645214 80.032253 4.619674
437.831751 79.227578 3830.722
1.00000 5.644949 80.043951 4.619674
437.803928 80.600191 3947.943

COMB DB-G2-2 ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -2.242901 -156.066776 -5.148526
-323.099168 -22.670183 -1321.115
0.25000 -2.243139 -156.050524 -5.148526
-323.127728 -21.248540 -1266.109
0.50000 -2.243390 -156.044239 -5.148526
-323.157507 -19.831329 -1211.103
0.75000 -2.243652 -156.033697 -5.148526
-323.188260 -18.417325 -1156.097
1.00000 -2.243943 -156.023458 -5.148526
-323.223471 -17.015388 -1101.091

COMB DB-G2-3 ----- MAX
REL_DIST T M2 M3 V2 V3

0.00000 11.912177 192.055648 6.736005
577.144045 79.959888 5894.175
0.25000 11.466415 207.276280 6.736005
539.085595 77.564665 5988.402
0.50000 11.040155 223.180518 6.736005
504.982863 76.202223 6084.182
0.75000 10.619476 239.610168 6.736005
472.180414 76.063652 6192.989
1.00000 10.207301 257.075394 6.736005
449.354391 77.030645 6300.975

COMB DB-G2-3 ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -4.344828 -376.124317 -6.757087
-380.089438 -61.231100 -1769.690
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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

0.00000 -4.712240 -358.563307 -6.757087
-411.602285 -56.299883 -1694.855
0.50000 -5.101094 -341.929125 -6.757087
-445.486244 -56.163347 -1620.020
0.75000 -5.507508 -325.672593 -6.757087
-481.329102 -54.609986 -1545.185
1.00000 -5.944874 -309.929791 -6.757087
-522.505550 -53.542859 -1470.350

COMB DL-G1-1 ----- MIN
REL_DIST T M2 M3 V2 V3

0.00000 -3.030236 -271.217864 -2.838998
-247.050951 -66.547390 -969.587567
0.25000 -3.363417 -252.101466 -2.838998
-245.380398 -66.542722 -9

543.414057 94.342955 7092.510 6.352634
0.50000 12.082644 200.617554
519.074807 93.312830 7188.752
0.75000 11.871444 214.612214
496.513214 92.940611 7278.880
1.00000 11.278795 229.183045
476.164728 93.103834 7356.638
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FRAME ELEMENT INTERNAL
FORCES

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

REL_DIST M2 P M3 V2 V3
0.00000 -4.718567 -395.504903 -6.696498
-412.787343 -73.440382 -2470.820
0.25000 -5.003954 -379.234574 -6.696498
-435.080711 -70.954861 -2366.232
0.50000 -5.311911 -363.509286 -6.696498
-459.507325 -68.775705 -2261.70
0.75000 -5.639771 -348.477992 -6.696498
-485.603290 -66.921811 -2156.944
1.00000 -5.984657 -324.236487 -6.696498
-512.860574 -65.291640 -2052.310

COMB DB ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 14.02152 244.065601 6.890924
577.140405 82.851718 6602.632
0.25000 13.609207 267.27937 6.890924
539.08595 80.427111 6719.243
0.50000 13.023006 291.657316 6.890924
504.928263 79.155427 6827.719
0.75000 12.444290 316.871883 6.890924
472.180414 79.227578 6938.828
1.00000 11.877836 342.863207 6.890924
459.888396 80.600191 7038.961

COMB DB ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -4.952838 -463.662505 -6.757087
-472.076793 -83.626544 -1769.690
0.25000 -5.454286 -440.475537 -6.757087
-472.076793 -81.144957 -1694.855
0.50000 -5.986729 -417.782987 -6.757087
-472.076793 -79.626932 -1620.020
0.75000 -6.543916 -395.615616 -6.757087
-481.929102 -79.320559 -1545.185
1.00000 -7.124672 -374.185903 -6.757087
-522.505550 -80.350599 -1470.350

COMB DL ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 14.557241 214.708138 6.655351
569.031812 97.074294 7585.134
0.25000 13.953814 267.27937 6.655351
543.414057 95.934441 7718.593
0.50000 13.365233 249.767178 6.655351
519.074807 95.319852 7829.523
0.75000 12.796113 269.065722 6.655351
496.513214 95.347208 7924.056
1.00000 12.250978 291.230158 6.655351
476.164728 95.931167 7995.151

COMB DL ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -5.216182 -466.838607 -6.696498
-488.074051 -96.538587 -2470.820
0.25000 -5.605352 -444.584175 -6.696498
-489.692632 -94.799427 -2366.232
0.50000 -6.024148 -423.005107 -6.696498
-492.833846 -60.244182 -2366.232
0.75000 -6.468925 -402.316197 -6.696498
-497.259730 -63.294954 -2156.944
1.00000 -6.935691 -382.653079 -6.696498
-512.860574 -93.879779 -2052.310

COMB CAR ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 14.557241 244.065601 6.890924
577.140405 97.074294 7585.134
0.25000 13.953814 267.27937 6.890924
543.414057 95.934441 7718.593
0.50000 13.365233 291.657316 6.890924
519.074807 95.319852 7829.523
0.75000 12.796113 269.065722 6.890924
496.513214 95.347208 7924.056
1.00000 12.250978 291.230158 6.890924
476.164728 95.931167 7995.151
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FRAME ELEMENT INTERNAL
FORCES

COMB CAR ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -5.216182 -466.838607 -6.757087
-488.074051 -96.538587 -2470.820
0.25000 -5.605352 -444.584175 -6.757087
-489.692632 -94.799427 -2366.232
0.50000 -6.024148 -423.005107 -6.757087
-492.833846 -60.244182 -2366.232
0.75000 -6.468925 -402.316197 -6.757087
-497.259730 -63.294954 -2156.944
1.00000 -6.935691 -382.653079 -6.757087
-522.505550 -93.879779 -2052.310

COMB DESIGN ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 14.557241 244.065601 6.890924
577.140405 97.074294 7585.134
0.25000 13.953814 267.27937 6.890924
543.414057 95.934441 7718.593
0.50000 13.365233 291.657316 6.890924
519.074807 95.319852 7829.523
0.75000 12.796113 269.065722 6.890924
496.513214 95.347208 7924.056
1.00000 12.250978 291.230158 6.890924
476.164728 95.931167 7995.151

COMB DESIGN ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -5.216182 -466.838607 -6.757087

-488.074051 -96.538587 -2470.820
0.25000 -5.605352 -444.584175 -6.757087
-489.692632 -94.799427 -2366.232
0.50000 -6.024148 -423.005107 -6.757087
-492.833846 -60.244182 -2366.232
0.75000 -6.468925 -402.316197 -6.757087
-497.259730 -63.294954 -2156.944
1.00000 -6.935691 -382.653079 -6.757087
-522.505550 -93.879779 -2052.310

ELEM 40 ===== LENGTH =
5.010239

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

REL_DIST M2 P M3 V2 V3
0.00000 7.696693 179.114511 3.919489
230.308626 5.054781 3473.660
0.25000 7.173373 196.951825 3.919489
230.308626 4.947599 3515.205
0.50000 6.645651 215.621556 3.919489
230.308626 4.844996 3534.829
0.75000 6.123218 234.907455 3.919489
230.308626 4.757536 3522.652
1.00000 5.610770 254.437488 3.919489
230.308626 4.681428 3478.016

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

REL_DIST M2 P M3 V2 V3
0.00000 -3.712761 -264.070334 -3.161868
-118.894126 -65.059703 -571.212907
0.25000 -4.164730 -244.380408 -3.161868
-118.894126 -64.082221 -542.390807
0.50000 -4.643087 -224.719261 -3.161868
-118.894126 -63.833922 -513.568708
0.75000 -5.142455 -205.455069 -3.161868
-118.894126 -64.568272 -484.746609
1.00000 -5.653856 -186.798210 -3.161868
-118.894126 -66.369518 -155.924510

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

REL_DIST M2 P M3 V2 V3
0.00000 12.064859 292.194536 5.234369
403.914560 11.520715 6005.643
0.25000 11.365166 315.818356 5.234369
403.914560 11.125446 6019.254
0.50000 10.672445 340.493099 5.234369
403.914560 10.744827 6022.401
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FRAME ELEMENT INTERNAL
FORCES

REL_DIST M2 P M3 V2 V3
0.75000 9.986712 365.973193 5.234369
402.022790 10.360196 6014.458
1.00000 9.313384 392.235495 5.234369
402.022790 9.975842 5984.104

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

REL_DIST M2 P M3 V2 V3
0.00000 -5.815075 -401.991633 -4.219681
-259.167747 -87.458237 -1084.248
0.25000 -6.411602 -375.531505 -4.219681
-259.167747 -85.281180 -1029.203
0.50000 -7.041532 -349.587494 -4.219681
-259.167747 -84.018973 -974.157103
0.75000 -7.698802 -324.189889 -4.219681
-259.167747 -83.881588 -919.111650
1.00000 -8.383539 -299.517135 -4.219681
-266.515502 -85.000497 -864.066197

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

REL_DIST M2 P M3 V2 V3
0.00000 12.275728 305.638621 6.926851
486.806035 52.844779 7038.935
0.25000 11.655097 326.602480 6.926851
486.806035 51.395632 7025.127
0.50000 11.040122 348.501131 6.926851
486.806035 50.395264 7015.889
0.75000 10.431340 371.114895 6.926851
486.806035 50.141813 7002.491
1.00000 9.833599 394.403839 6.926851
486.806035 50.539916 6975.477

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

REL_DIST M2 P M3 V2 V3
0.00000 -5.961581 -392.306553 -6.206916
-426.217956 -84.549862 -1463.582
0.25000 -6.491028 -368.841888 -6.206916
-426.217956 -82.258380 -1388.760
0.50000 -7.001883 -345.815047 -6.206916
-426.217956 -68.802501 -1313.937
0.75000 -7.633629 -323.255312 -6.206916
-426.217956 -80.353648 -1239.115
1.00000 -8.240944 -301.375977 -6.206916
-428.589702 -81.027171 -1164.293

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

REL_DIST M2 P M3 V2 V3
0.00000 1.423862 42.981006 3.448118
99.971910 68.153905 1766.808
0.25000 1.415528 43.252475 3.448118
99.036974 66.604711 1746.760
0.50000 1.407790 43.534609 3.448118
98.226068 66.021792 1730.844
0.75000 1.400141 43.825474 3.448118
97.446222 66.438848 1718.046
1.00000 1.392616 44.144246 3.448118
96.703634 67.867657 1709.810

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

REL_DIST M2 P M3 V2 V3
0.00000 -1.056414 -27.956777 -3.927249
-221.510387 -5.788589 -585.573697
0.25000 -1.063186 -27.636363 -3.927249
-222.262050 -5.566229 -555.099764
0.50000 -1.070297 -27.341446 -3.927249
-223.064978 -5.357894 -524.625831
0.75000 -1.077699 -27.052538 -3.927249
-223.866386 -5.154850 -494.151898
1.00000 -1.085893 -26.771431 -3.927249
-224.804018 -4.954166 -463.677964

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

REL_DIST M2 P M3 V2 V3
0.00000 9.407359 122.261456 4.603697
307.876584 87.616616 3947.943

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FRAME ELEMENT INTERNAL
FORCES

REL_DIST M2 P M3 V2 V3
0.25000 4.073270 122.271514 4.603697
307.841908 85.328455 3878.063
0.50000 4.072963 122.281966 4.603697
307.811835 84.122789 3835.670
0.75000 4.072700 122.292742 4.603697
307.782913 84.202918 3830.378
1.00000 4.072421 122.304554 4.603697
307.755371 85.485086 3852.141

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

REL_DIST M2 P M3 V2 V3
0.00000 -2.373190 -101.064511 -5.084202
-443.541834 -17.514545 -11100.943
0.25000 -2.373441 -101.052639 -5.084202
-443.569713 -16.614980 -1043.964
0.50000 -2.373704 -101.041713 -5.084202
-443.598916 -15.716149 -986.984949
0.75000 -2.373979 -101.031009 -5.084202
-443.629211 -14.817787 -930.005759
-443.663987 -13.922382 -873.026570

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

REL_DIST M2 P M3 V2 V3
0.00000 9.930735 251.656937 6.763651
517.940367 83.187810 6301.079
0.25000 9.465159 267.096006 6.763651
478.227080 80.915714 6270.593
0.50000 9.018583 283.185223 6.763651
442.828584 79.614439 6245.861
0.75000 8.576775 299.785798 6.763651
409.208563 79.459406 6229.502
1.00000 8.142663 317.427013 6.763651
377.944832 80.390798 6211.459

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

REL_DIST M2 P M3 V2 V3
0.00000 -5.019021 -304.029447 -6.588514
-44.019040 -59.138696 -1470.7320
0.25000 -5.406548 -286.278902 -6.588514
-470.921416 -56.846654 -1394.734
0.50000 -5.814730 -269.408607 -6.588514
-503.402531 -55.293864 -1319.149
0.75000 -6.240150 -252.882941 -6.588514
-537.116548 -54.267796 -1243.563
1.00000 -6.696822 -236.832012 -6.588514
-574.344766 -53.560034 -1167.977

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

REL_DIST M2 P M3 V2 V3
0.00000 6.935514 151.148864 3.995771
228.241704 7.077161 3751.107
0.25000 6.432082 166.745906 3.995771
231.291338 6.963545 3782.303
0.50000 5.940403 183.761222 3.995771
234.340510 6.906265 3781.199
0.75000 5.465488 200.594095 3.995771
237.249630 6.839515 3747.418
1.00000 5.011214 218.543568 3.995771
239.351376 6.787261 3681.105

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

REL_DIST M2 P M3 V2 V3
0.00000 -3.432719 -235.460425 -2.823453
-136.362179 -71.186829 -79.70970
0.25000 -3.801423 -217.253505 -2.823453
-136.362179 -73.970170 -758.377530
0.50000 -4.196649 -199.602506 -2.823453
-136.362179 -74.181106 -717.952176
0.75000 -4.615118 -182.658368 -2.823453
-136.362179 -74.189402 -677.911181
1.00000 -5.053072 -166.573102 -2.823453
-135.273777 -76.114800 -636.684648

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FRAME ELEMENT INTERNAL
FORCES

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

REL_DIST M2 P M3 V2 V3
0.00000 10.821103 256.953617 4.759486
401.727256 18.09212 6578.613
0.25000 10.163651 277.334349 4.759486
396.241199 17.429946 6583.181
0.50000 9.523018 298.952350 4.759486
390.817299 16.777472 6557.160
0.75000 8.904996 321.634958 4.759486
386.643178 16.145311 6507.070
1.00000 8.314500 345.174157 4.759486
384.141142 15.555374 6425.777

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

REL_DIST M2 P M3 V2 V3
0.00000 -5.421039 -371.415790 -3.994658
-291.305256 -10.030937 -1515.985
0.25000 -5.902585 -347.579364 -3.994658
-291.305256 -99.594629 -1438.762
0.50000 -6.418386 -324.511964 -3.994658
-291.356413 -98.841706 -1361.640
0.75000 -6.966080 -302.405441 -3.994658
-292.676009 -98.674010 -1284.401
1.00000 -7.540066 -281.444618 -3.994658
-295.659303 -98.989567 -1207.385

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

REL_DIST M2 P M3 V2 V3
0.00000 11.72878 279.959591 6.307890
489.944786 65.474372 7995.226
0.25000 11.187369 297.209838 6.307890
485.385274 64.280905 7968.599
0.50000 10.616748 316.461286 6.307890
480.843755 63.260209 7917.537
0.75000 10.066209 336.659662 6.307890
477.271840 62.582452 7849.252
1.00000 9.540295 357.619523 6.307890
475.172105 62.057930 7756.647

REL_DIST M2 P M3 V2 V3
0.00000 -6.026545 -382.259926 -5.817400
-456.688676 -

COMB	DL	-----	MAX		
REL_DIST	T	M2	P	M3	V2
0.00000	11.772878	279.059591	6.307890		
510.686769	103.299448	7995.226			
0.25000	11.187369	297.209838	6.307890		
485.385274	101.786022	7968.599			
0.50000	10.616748	316.451286	6.307890		
480.843755	100.764874	7917.537			
0.75000	10.066293	336.659662	6.307890		
477.271840	100.359305	7849.262			
1.00000	9.540295	357.619523	6.307890		
475.172105	100.519887	7756.647			
COMB	DL	-----	MIN		
REL_DIST	T	M2	P	M3	V2
0.00000	-6.026545	-302.259926	-6.190815		
-488.272187	-100.830937	-2052.295			
0.25000	-6.455803	-361.033737	-6.190815		
-508.214005	-99.594629	-1946.748			
0.50000	-6.914766	-340.409048	-6.190815		
-530.297513	-98.841706	-1841.193			
0.75000	-7.402487	-320.802599	-6.190815		
-554.067337	-98.674010	-1735.625			
1.00000	-7.913595	-302.133759	-6.190815		
-579.014515	-98.989567	-1630.018			
COMB	CAR	-----	MAX		
REL_DIST	T	M2	P	M3	V2
0.00000	12.275728	305.638621	6.926851		
517.940367	103.299448	7995.226			
0.25000	11.655097	326.602480	6.926851		
486.806035	101.786022	7968.599			
0.50000	11.040122	348.501131	6.926851		
486.806035	100.764874	7917.537			
0.75000	10.431340	371.114895	6.926851		
486.806035	100.359305	7849.262			
1.00000	9.833599	394.403839	6.926851		
486.806035	100.519887	7756.647			
COMB	CAR	-----	MIN		
REL_DIST	T	M2	P	M3	V2
0.00000	-6.026545	-401.991633	-6.588514		
-488.272187	-100.830937	-2052.295			
0.25000	-6.491028	-375.531505	-6.588514		
-508.214005	-99.594629	-1946.748			
0.50000	-7.050183	-349.587494	-6.588514		
-530.297513	-98.841706	-1841.193			
0.75000	-7.698022	-324.169898	-6.588514		
-554.067337	-98.674010	-1735.625			
1.00000	-8.383539	-302.133759	-6.588514		
-579.014515	-98.989567	-1630.018			
COMB	DESIGN	-----	MAX		
REL_DIST	T	M2	P	M3	V2
0.00000	12.275728	305.638621	6.926851		
517.940367	103.299448	7995.226			
0.25000	11.655097	326.602480	6.926851		
486.806035	101.786022	7968.599			
0.50000	11.040122	348.501131	6.926851		
486.806035	100.764874	7917.537			
0.75000	10.431340	371.114895	6.926851		
486.806035	100.359305	7849.262			
1.00000	9.833599	394.403839	6.926851		
486.806035	100.519887	7756.647			
COMB	DESIGN	-----	MIN		
REL_DIST	T	M2	P	M3	V2
0.00000	-6.026545	-401.991633	-6.588514		
-488.272187	-100.830937	-2052.295			
0.25000	-6.491028	-375.531505	-6.588514		
-508.214005	-99.594629	-1946.748			
0.50000	-7.050183	-349.587494	-6.588514		
-530.297513	-98.841706	-1841.193			
0.75000	-7.698022	-324.169898	-6.588514		
-554.067337	-98.674010	-1735.625			
1.00000	-8.383539	-302.133759	-6.588514		
-579.014515	-98.989567	-1630.018			
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FRAME	ELEMENT	INTERNAL			
FORCES					
ELEM	41	=====	LENGTH =		
5.009117					
COMB	DB-G1-1	-----	MAX		
REL_DIST	T	M2	P	M3	V2
0.00000	6.778323	304.87894	3.289576		
327.960867	4.430006	247.48645			
0.25000	6.230055	223.175029	3.289576		
327.960867	4.430006	247.48645			
0.50000	5.675213	242.150748	3.289576		
327.960867	4.424540	3418.641			
0.75000	5.123426	261.915160	3.289576		
327.960867	4.436257	3338.295			
1.00000	4.579465	282.006923	3.289576		
327.960867	4.457259	3222.610			
COMB	DB-G1-1	-----	MIN		
REL_DIST	T	M2	P	M3	V2
0.00000	-4.430150	-236.294582	-3.125253		
-46.218982	-70.916646	-456.055304			
0.25000	-4.900457	-215.925145	-3.125253		
-46.218982	-69.753139	-427.772554			
0.50000	-5.398135	-195.498313	-3.125253		
-46.218982	-69.218285	-399.468905			
0.75000	-5.918246	-175.385691	-3.125253		
-46.218982	-69.543290	-371.207056			
1.00000	-6.452199	-155.801861	-3.125253		
-46.218982	-70.789743	-342.924307			
COMB	DB-G1-2	-----	MAX		
REL_DIST	T	M2	P	M3	V2
0.00000	10.316445	341.513600	4.506798		
525.501929	9.493355	5984.478			
0.25000	9.953590	365.567331	4.506798		
520.568711	9.220038	5892.656			
0.50000	8.859507	390.741667	4.506798		
520.568711	9.846684	5775.293			
0.75000	8.137558	416.808591	4.506798		
520.568711	8.674096	5641.414			
1.00000	7.425178	4473.756646	4.506798		
520.568711	8.401607	5485.659			
COMB	DB-G1-2	-----	MIN		
REL_DIST	T	M2	P	M3	V2
0.00000	-7.408540	-348.210918	-5.845558		
-641.213089	-105.559638	-1629.971			
0.25000	-7.958485	-320.923116	-5.845558		
-641.213089	-103.491933	-1524.222			
0.50000	-8.357590	-275.424221	-5.845558		
-661.326590	-101.864655	-1418.339			
0.75000	-8.888731	-256.634170	-5.845558		
-682.712419	-100.767751	-1312.491			
1.00000	-9.444908	-238.848492	-5.845558		
-705.362562	-100.094117	-1206.909			
COMB	CAR	-----	MIN		
REL_DIST	T	M2	P	M3	V2
0.00000	-7.408540	-348.210918	-5.845558		
-641.213089	-105.559638	-1629.971			
0.25000	-7.958485	-320.923116	-5.845558		
-641.213089	-103.491933	-1524.222			
0.50000	-8.357590	-275.424221	-5.845558		
-661.326590	-101.864655	-1418.339			
0.75000	-8.888731	-256.634170	-5.845558		
-682.712419	-100.767751	-1312.491			
1.00000	-9.444908	-238.848492	-5.845558		
-705.362562	-100.094117	-1206.909			
COMB	DB-G2-1	-----	MAX		
REL_DIST	T	M2	P	M3	V2
0.00000	7.634853	320.588117	5.831157		
532.239909	102.486262	7092.877			
0.25000	7.227124	334.701758	5.831157		
502.787718	100.207959	6990.603			
0.50000	6.832027	349.697531	5.831157		
474.438748	98.336650	6666.386			
0.75000	6.452505	365.464787	5.831157		
447.725655	96.950055	6432.976			
1.00000	6.091949	381.896845	5.831157		
423.095462	95.113000	6186.079			
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FRAME	ELEMENT	INTERNAL			
FORCES					
COMB	DL-G2-3	-----	MIN		
REL_DIST	T	M2	P	M3	V2
0.00000	-6.539533	-256.658123	-5.332030		
-630.034866	-69.872090	-1629.971			
0.25000	-6.879242	-241.759533	-5.332030		
-641.698311	-67.769528	-1524.222			
0.50000	-7.243617	-227.382065	-5.332030		
-661.326590	-65.879576	-1418.339			
0.75000	-7.630146	-213.671990	-5.332030		
-682.712419	-64.225083	-1312.491			
1.00000	-8.036156	-200.741376	-5.332030		
-705.362562	-62.722868	-1206.662			
COMB	DB	-----	MAX		
REL_DIST	T	M2	P	M3	V2
0.00000	10.316445	371.526555	6.411524		
538.213922	92.780227	6973.482			
0.25000	9.585901	392.873645	6.411524		
537.923029	90.274549	6826.781			
0.50000	8.859507	415.217430	6.411524		
537.923029	88.699834	6660.148			
0.75000	8.137558	438.353929	6.411524		
537.923029	88.236335	6488.641			
1.00000	7.425178	462.253451	6.411524		
537.923029	88.895778	6305.923			
COMB	DB	-----	MIN		
REL_DIST	T	M2	P	M3	V2
0.00000	-7.408540	-348.210918	-5.845558		
-568.789517	-92.006537	-1167.931			
0.25000	-7.958485	-320.923116	-5.845558		
-568.789517	-89.659709	-1092.088			
0.50000	-8.392620	-294.049763	-5.845558		
-572.462589	-88.093912	-1016.245			
0.75000	-9.145895	-267.598110	-5.845558		
-593.015301	-87.547274	-940.606861			
1.00000	-9.820824	-241.807227	-5.845558		
-630.056932	-88.021547	-866.018621			
COMB	DL	-----	MAX		
REL_DIST	T	M2	P	M3	V2
0.00000	9.066373	357.682524	5.831157		
588.993383	108.185099	7756.871			
0.25000	8.508499	377.108970	5.831157		
584.434870	105.833096	7571.849			
0.50000	7.966029	397.695340	5.831157		
579.876356	103.920709	7355.345			
0.75000	7.443544	419.284561	5.831157		
575.317843	102.532195	7118.086			
1.00000	6.945851	441.728079	5.831157		
570.759330	101.746117	6856.590			
COMB	DL	-----	MIN		
REL_DIST	T	M2	P	M3	V2
0.00000	-7.387877	-315.381644	-5.346747		
-641.213089	-105.559638	-1629.971			
0.25000	-7.856559	-295.084781	-5.346747		
-641.698311	-103.491933	-1524.222			
0.50000	-8.357590	-275.424221	-5.346747		
-661.326590	-101.864655	-1418.339			
0.75000	-8.888731	-256.634170	-5.346747		
-682.712419	-100.767751	-1312.491			
1.00000	-9.444908	-238.848492	-5.346747		
-705.362562	-100.094117	-1206.909			

COMB DESIGN ----- MAX					COMB DESIGN ----- MIN						
REL_DIST	M2	P	M3	V2	V3	REL_DIST	M2	P	M3	V2	V3
0.00000	10.316445	371.526555		6.411524		0.00000	-7.408540	-348.210918		-5.845558	
588.993383	108.185099	7756.871				-64.1213089	-105.559638	-1629.971			
0.25000	9.585901	392.873645		6.411524		0.25000	-7.958485	-320.923116		-5.845558	
584.434870	105.833096	7571.849				-64.1698311	-103.491933	-1524.222			
0.50000	8.859507	415.217430		6.411524		0.50000	-8.539260	-294.049763		-5.845558	
579.876356	103.920709	7355.345				-66.1326590	-101.864655	-1418.339			
0.75000	8.137558	438.353929		6.411524		0.75000	-9.145895	-267.598110		-5.845558	
575.317843	102.532195	7111.086				-68.712419	-100.767751	-1312.491			
1.00000	7.425178	462.253451		6.411524		1.00000	-9.820824	-241.807227		-5.845558	
570.759330	101.746117	6856.590				-70.5362562	-100.094117	-1206.909			
COMB DB-G1-1 ----- MAX					COMB DB-G1-1 ----- MIN						
REL_DIST	M2	P	M3	V2	V3	REL_DIST	M2	P	M3	V2	V3
0.00000	5.692069	235.750034		1.118900		0.00000	-5.444237	-200.916822		-3.728755	
417.638821	4.126483	3223.493				-45.497640	-7.922080	-343.076142			
0.25000	5.091313	254.777080		1.118900		0.25000	-5.949199	-179.013263		-3.728755	
417.638821	4.062920	310.7701				-45.497640	-7.1895682	-314.584914			
0.50000	4.478556	274.817060		1.118900		0.50000	-6.484572	-156.843728		-3.728755	
417.638821	4.022230	3003.792				-45.497640	-69.350692	-286.093735			
0.75000	3.862899	295.688908		1.118900		0.75000	-7.046082	-134.759757		-3.728755	
417.638821	3.944941	2849.974				-45.497640	-67.394388	-257.602717			
1.00000	3.822232	317.043323		1.118900		1.00000	-7.625527	-112.953834		-3.728755	
417.638821	3.892261	2656.852				-45.497640	-65.902895	-229.111735			
COMB DB-G1-2 ----- MIN					COMB DB-G1-2 ----- MAX						
REL_DIST	M2	P	M3	V2	V3	REL_DIST	M2	P	M3	V2	V3
0.00000	8.325334	397.729127		1.988460		0.00000	-8.222381	-214.423422		-3.793700	
638.126100	7.987701	5486.493				-657.595892	-58.080304	-864.484792			
0.25000	7.529142	422.761433		1.988460		0.25000	-8.647662	-195.144234		-3.793700	
634.081731	7.533323	5258.149				-657.595892	-55.031602	-788.770234			
634.081731	6.731018	449.092529		1.988460		0.50000	-9.097532	-176.571525		-3.793700	
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< MOVING 335 LOAD >					< MOVING 336 LOAD >						
F R A M E E L E M E N T I N T E R N A L					F R A M E E L E M E N T I N T E R N A L						
REL_DIST	M2	P	M3	V2	V3	REL_DIST	M2	P	M3	V2	V3
0.75000	5.929277	476.523627		1.988460		0.00000	6.402212	387.647542		5.871527	
634.081731	6.903357	4727.873				580.316194	88.856319	5539.797			
1.00000	5.127765	505.045356		1.988460		0.25000	5.850720	403.819025		5.871527	
634.081731	6.588617	4435.213				538.705976	84.507272	5230.739			
COMB DB-G1-2 ----- MIN					COMB DB-G1-2 ----- MAX						
REL_DIST	M2	P	M3	V2	V3	REL_DIST	M2	P	M3	V2	V3
0.00000	-8.987135	-285.016267		-4.809303		0.00000	4.544384	215.600158		0.967450	
-208.175045	-94.455128	-646.829057				516.291525	5.497714	3337.880			
0.25000	-9.649280	-255.852602		-4.809303		0.25000	4.087250	233.920133		0.967450	
-208.175045	-90.123130	-592.191967				519.340577	5.463038	3221.589			
0.50000	-10.350373	-226.850196		-4.809303		0.50000	3.642119	253.340002		0.967450	
-208.175045	-86.164340	-537.554879				522.398629	5.444796	3071.250			
0.75000	-11.085804	-197.958004		-4.809303		0.75000	3.213150	273.738492		0.967450	
-208.175045	-82.952404	-482.917797				525.438681	5.434561	2886.250			
1.00000	-11.862568	-169.386947		-4.809303		1.00000	2.805209	294.960028		0.967450	
-208.175045	-80.268219	-428.280717				528.487733	5.433816	2666.750			
COMB DB-G1-3 ----- MAX					COMB DB-G1-3 ----- MIN						
REL_DIST	M2	P	M3	V2	V3	REL_DIST	M2	P	M3	V2	V3
0.00000	8.025074	444.464471		4.425982		0.00000	-4.818673	-168.737523		-3.435391	
623.057034	5.669548	6305.949				56.977396	-82.853880	-478.256474			
0.25000	7.343552	466.685297		4.425982		0.25000	-5.277757	-152.139027		-3.435391	
623.057034	73.735159	1341.206				-56.977396	-79.778468	-438.389660			
0.50000	6.634728	490.060478		4.425982		0.50000	-5.768042	-136.057968		-3.435391	
623.057034	50.476000	5664.226				-56.977396	-76.815238	-398.416123		-3.435391	
0.75000	5.922684	514.411879		4.425982		0.75000	-6.286809	-120.660104		-3.435391	
623.057034	48.389582	5323.564				-56.977396	-52.093766	-713.073421			
1.00000	5.210883	539.712048		4.425982		1.00000	-6.830784	-106.100837		-3.435391	
623.057034	46.607695	4972.668				-56.977396	-71.789258	-138.558771			
COMB DB-G1-3 ----- MIN					COMB DB-G1-3 ----- MAX						
REL_DIST	M2	P	M3	V2	V3	REL_DIST	M2	P	M3	V2	V3
0.00000	-9.722447	-285.016267		-4.966126		0.00000	4.818673	168.737523		3.435391	
-499.199080	-88.741465	-866.091976				0.25000	-5.277757	-152.139027		-3.435391	
0.25000	-10.310316	-255.852602		-4.966126		0.50000	-5.768042	-136.057968		-3.435391	
-499.199080	-84.610922	-791.430848				-56.977396	-76.815238	-398.416123		-3.435391	
0.50000	-10.932805	-226.850196		-4.966126		0.75000	-6.286809	-120.660104		-3.435391	
-499.199080	-80.833550	-716.779097				-56.977396	-52.093766	-713.073421			
0.75000	-11.585777	-204.911074		-4.966126		1.00000	-6.830784	-106.100837		-3.435391	
-499.199080	-77.698685	-642.131212				-56.977396	-71.789258	-138.558771			
1.00000	-12.695333	-173.322504		-4.966126		Program SAP2000	Nonlinear	Version 7.42			
-499.199080	-75.046870	-567.492835				File:2교부산방향S1-S403.OUT					
COMB DB-G2-1 ----- MAX					COMB DB-G2-1 ----- MIN						
REL_DIST	M2	P	M3	V2	V3	REL_DIST	M2	P	M3	V2	V3
0.00000	8.050074	444.464471		4.425982		0.00000	-8.936865	-215.874888		-3.803815	
623.057034	5.669548	6305.949				-800.325710	-67.299039	-1208.573			
0.25000	7.343552	466.685297		4.425982		0.25000	-9.187159	-201.623341		-3.803815	
623.057034	73.735159	1341.206				-800.332720	-63.831630	-1101.199			
0.50000	6.634728	490.060478		4.425982		0.50000	-9.726542	-187.855383		-3.803815	
623.057034	50.476000	5664.226				-809.066505	-60.456851	-96.762326			
0.75000	5.922684	514.411879		4.425982		0.75000	-10.160228	-174.701128		-3.803815	
623.057034	48.389582	5323.564				-829.342927	-57.186424	-892.271622			
1.00000	5.210883	539.712048		4.425982		1.00000	-10.617299	-262.087003		-3.803815	
623.057034	46.607695	4972.668				-851.430281	-53.889900	-787.867289			
COMB DB-G2-1 ----- MIN					COMB DB-G2-1 ----- MAX						
REL_DIST	M2	P	M3	V2	V3	REL_DIST	M2	P	M3	V2	V3
0.00000	8.050074	444.464471		4.425982		0.00000	-8.936865	-215.874888		-3.803815	
623.057034	5.669548	6305.949				-800.325710	-67.299039	-1208.573			
0.25000	7.343552	466.685297		4.425982		0.25000	-9.187159	-201.623341		-3.803815	
623.057034	73.735159	1341.206				-800.332720	-63.831630	-1101.199			
0.50000	6.634728	490.060478		4.425982		0.50000	-9.726542	-187.855383		-3.803815	
623.057034	50.476000	5664.226				-809.9					

-42.362846	-40.479600	-112.103679			
COMB DB-G1-2	-----	MAX			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	5.700066	470.337095	0.670411		
701.246942	7.685295	4436.206			
0.25000	6.455817	497.802471	0.670411		
701.246942	7.145127	4063.263			
0.50000	3.821170	527.041989	0.670411		
701.246942	6.662699	3633.135			
0.75000	2.966695	557.909001	0.670411		
701.246942	6.201155	3157.048			
1.00000	2.097075	590.476857	0.670411		
701.246942	5.739776	2653.270			
COMB DB-G1-2	-----	MIN			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-11.220200	-202.045005	-7.298199		
-190.743275	-85.166017	-428.442477			
0.25000	-11.945486	-168.328394	-7.298199		
-190.743275	-75.538346	-372.988005			
0.50000	-12.721510	-137.572182	-7.298199		
-190.743275	-95.544645	-317.533534			
0.75000	-13.945357	-106.278008	-7.298199		
-190.743275	-56.675679	-262.090588			
1.00000	-14.420086	-74.697196	-7.298199		
-190.743275	-48.072077	-206.661893			
COMB DB-G1-3	-----	MAX			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	5.464283	527.045754	4.583720		
681.437616	51.365843	4972.658			
0.25000	4.652993	551.434314	4.583720		
681.437616	46.023021	4503.405			
0.50000	3.911615	577.399917	4.583720		
681.437616	40.777733	3989.805			
0.75000	3.152725	604.810828	4.583720		
681.437616	35.631869	3435.345			
1.00000	2.380414	633.711883	4.583720		
681.437616	48.674343	2862.359			
COMB DB-G1-3	-----	MIN			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-12.343292	-199.697016	-6.807174		
-515.673552	-79.454673	-567.552951			
0.25000	-12.987401	-169.774141	-6.807174		
-515.673552	-70.508252	-492.941770			
0.50000	-13.676614	-142.462631	-6.807174		
-515.673552	-61.343273	-418.330589			
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FORCES	ELEMENT	INTERNAL	INTERNAL		
REL_DIST	P	V2	V3		
T	M2	M3			
0.75000	-14.408301	-114.673704	-6.807174		
-515.673552	-53.063684	-343.729755			
1.00000	-15.184667	-86.631507	-6.807174		
-515.673552	-45.020021	-269.141493			
COMB DB-G2-1	-----	MAX			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	0.712410	111.205643	6.320756		
57.859772	70.399734	1015.652			
0.25000	0.279464	111.706948	6.320756		
56.459167	62.629116	879.122084			
0.50000	0.692920	111.825660	6.320756		
55.839337	54.868403	742.334002			
0.75000	0.683672	112.162585	6.320756		
54.597472	47.254525	605.503697			
1.00000	0.674254	112.878099	6.320756		
53.639796	39.859272	468.755974			
COMB DB-G2-1	-----	MIN			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-2.354429	-25.360890	-0.262351		
-493.485588	-3.947627	-215.930850			
0.25000	-2.362299	-24.974568	-0.262351		
-493.984735	-3.602429	-186.333132			
0.50000	-2.370699	-24.637759	-0.262351		
-494.767694	-3.253831	-156.735413			
0.75000	-2.379611	-24.294779	-0.262351		
-495.627346	-2.904535	-127.137715			
1.00000	-2.389572	-23.948451	-0.262351		
-496.633801	-2.553587	-97.540250			
COMB DB-G2-2	-----	MAX			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	1.234047	262.400467	8.053742		
237.755680	86.316749	2449.010			
0.25000	0.236660	262.411507	8.053742		
237.703689	78.641858	2125.451			
0.50000	1.233325	262.423436	8.053742		
237.669595	69.091064	1807.299			
0.75000	1.232983	262.435917	8.053742		
237.634713	59.727065	1501.838			
1.00000	1.232634	262.448818	8.053742		
237.599208	50.526821	1236.609			
COMB DB-G2-2	-----	MIN			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-5.799281	-44.638261	-0.759915		
-741.021368	-8.785870	-412.581521			
0.25000	-5.799573	-44.623948	-0.759915		
-741.039878	-7.833629	-356.779793			
0.50000	-5.799884	-44.611471	-0.759915		
-741.069061	-6.882202	-300.978066			
0.75000	-5.800214	-44.598766	-0.759915		
-741.100968	-5.930774	-245.176339			
1.00000	-5.800583	-44.585936	-0.759915		
-741.138289	-4.979281	-189.374621			
COMB DB-G2-3	-----	MAX			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	4.422243	457.023029	7.473072		
590.203584	42.65862	4265.263			
0.25000	3.825255	474.557111	7.473072		
543.633092	72.236675	3828.172			
0.50000	3.295984	493.204048	7.473072		
514.437908	63.493593	3359.090			
0.75000	2.753390	512.883962	7.473072		
482.263938	54.930606	2863.590			
1.00000	2.201082	534.200278	7.473072		
463.624334	46.599846	2367.047			
COMB DB-G2-3	-----	MIN			

REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-10.509709	-160.081656	-4.215780		
-705.202194	-51.310563	-561.637373			
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FRAME FORCES	ELEMENT	INTERNAL	INTERNAL		
REL_DIST	P	V2	V3		
T	M2	M3			
0.25000	-10.970769	-138.072481	-4.215780		
-705.202194	-45.434887	-486.876426			
0.50000	-11.463578	-118.435239	-4.215780		
-705.202194	-39.079469	-412.115479			
0.75000	-11.986596	-98.446658	-4.215780		
-716.864038	-32.728528	-337.358921			
1.00000	-12.555867	-78.265222	-4.215780		
-742.617426	-26.554967	-262.613637			
COMB DL-G1-1	-----	MAX			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	3.228654	269.196055	0.213902		
611.797986	4.480588	2668.332			
0.25000	2.803464	290.365711	0.213902		
614.847080	4.299976	2448.390			
0.50000	2.387751	312.940031	0.213902		
617.896174	4.134011	2191.926			
0.75000	1.985339	336.808399	0.213902		
620.945268	3.976805	1897.691			
1.00000	1.603822	361.824188	0.213902		
623.994346	3.825116	1564.969			
COMB DL-G1-1	-----	MIN			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-6.217196	-128.290498	-5.813436		
-53.181083	-73.227489	-318.783238			
0.25000	-6.755554	-112.510030	-5.813436		
-53.181083	-66.193357	-277.809056			
0.50000	-7.333109	-97.151032	-5.813436		
-53.181083	-59.212532	-236.889680			
0.75000	-7.947543	-82.429327	-5.813436		
-53.181083	-52.238866	-196.103527			
1.00000	-8.595956	-68.533973	-5.813436		
-53.181083	-45.334098	-155.256003			
COMB DL-G1-2	-----	MAX			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	4.902964	473.016453	0.842942		
836.654358	10.431793	4536.403			
0.25000	4.343585	500.290438	0.842942		
831.170271	9.120910	4117.106			
0.50000	3.796712	529.411977	0.842942		
825.686183	9.084209	3652.405			
0.75000	3.270049	560.249563	0.842942		
820.202096	8.475508	3142.534			
1.00000	2.767036	592.620245	0.842942		
814.718039	7.896894	2604.135			
COMB DL-G1-2	-----	MIN			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-10.811938	-197.158115	-7.416544		
-215.179739	-91.013603	-597.097969			
0.25000	-11.504610	-176.358381	-7.416544		
-215.179739	-81.787302	-519.575245			
0.50000	-12.485666	-156.141712	-7.416544		
-215.179739	-72.710488	-441.973357			
0.75000	-13.041197	-136.775101	-7.416544		
-215.179739	-63.759612	-364.649036			
1.00000	-13.878873	-118.489082	-7.416544		
-215.179739	-55.338870	-287.211917			
COMB DL-G1-3	-----	MAX			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	5.202847	561.161501	4.791047		
819.929746	56.945332	5263.307			
0.25000	4.704680	585.463855	4.791047		
815.371041	51.309121	4730.758			
0.50000	4.217850	611.411250	4.791047		
810.812336	45.806952	4158.232			
0.75000	3.748810	638.885996	4.791047		
806.255631	40.339614	3546.030			
1.00000	3.300947	667.724910	4.791047		
801.694950	34.925837	2911.070			
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FRAME FORCES	ELEMENT	INTERNAL	INTERNAL		
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-12.805773	-206.414289	-7.031969		
-628.787305	-85.983743	-790.371044			
0.25000	-13.423009	-187.896926	-7.031969		
-628.787305	-77.334547	-686.280294			
0.50000	-14.085915	-169.897911	-7.031969		
-628.787305	-68.769780	-582.111747			
0.75000	-14.792152	-152.655253	-7.031969		
-628.787305	-60.320921	-478.199118			
1.00000	-15.538482	-136.374899	-7.031969		
-628.787305	-52.411627	-374.182194			
COMB DL-G2-1	-----	MAX			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	1.118004	150.438248	6.478138		
73.91286	7.166175	1261.242			
0.25000	0.75000	150.745058	6.478138		
-65.80547	66.881690	1089.900			
1.7.446441	1.104545	151.074763	6.478138		
0.75000	1.098142	151.428016	6.478138		
70.659726	52.834455	746.276853			
1.00000	1.092122	151.799556	6.478138		
69.908892	44.962246	573.778631			
COMB DL-G2-1	-----	MIN			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-3.461744	-36.649470	-0.322273		
-65.919189	-5.256280	-303.915983			
0.25000	-3.469490	-36.394417	-0.322273		
-66.430579	-8.864377	-262.391379			
0.50000	-3.477864	-36.147513	-0.322273		
-66.015911	-4.470335	-220.869348			
0.75000	-3.486859	-35.911539	-0.322273		
-66.166920	-4.470335	-179.345969			

1.000000	-21.897860	-67.250201	0.250000	2.430079	649.482816	1.002375	908.681366	-12.285154	-0.694638	0.500000	2.548588	22.323737	0.194995	
1.000000	-18.935346	-59.726988	742.910047	6.941571	2021.543					35.077833	23.562483	241.987032		
457.493860	-15.778457	-0.970549	0.500000	1.985942	681.843653	1.002375	COMB	DB	-----	MAX			0.194995	
			737.974811	6.203470	1393.440					0.750000	2.539654	22.523159		
COMB DB-G2-1	-----	MAX	0.750000	1.560802	715.898661	1.002375	REL	DIST		M2	P	M3	V2	V3
			733.95306	5.523674	719.722733	0.000000	2.518972	634.887828	0.709274	0.000000	0.000000	0.000000	0.000000	
			1.000000	5.521111	751.478248	1.002375	0.250000	2.009963	661.190330	0.709274	0.500000	1.679924	689.125501	
			729.812714	5.528624	0.311560	0.000000	4.395365	2235.641	0.709274	0.500000	1.679924	689.125501	0.709274	
COMB DL-G1-2	-----	MIN	REL	DIST		M2	P	M3	V2	V3				
			0.000000	-15.241799	-121.944346	-8.024954	596.829839	53.746672	2862.179	0.709274	0.500000	1.679924	689.125501	
			-180.536121	-52.809644	-287.417933	-8.024954	0.250000	2.009963	661.190330	0.709274	0.500000	1.679924	689.125501	
			-180.536121	-16.032727	-104.718731	-8.024954	596.829839	53.746672	2862.179	0.709274	0.500000	1.679924	689.125501	
			-180.536121	-44.440167	-125.508500	-8.024954	0.250000	2.009963	661.190330	0.709274	0.500000	1.679924	689.125501	
			-180.536121	-36.215732	-143.581616	-8.024954	596.829839	53.746672	2862.179	0.709274	0.500000	1.679924	689.125501	
			0.750000	-17.762092	-72.147843	-8.024954	0.250000	2.009963	661.190330	0.709274	0.500000	1.679924	689.125501	
			-180.548582	-28.079092	-71.690680	-8.024954	0.250000	2.009963	661.190330	0.709274	0.500000	1.679924	689.125501	
			1.000000	-18.639081	-67.777880	-8.024954	0.250000	2.009963	661.190330	0.709274	0.500000	1.679924	689.125501	
			-202.038072	-20.715672	-1.163405	-8.024954	0.250000	2.009963	661.190330	0.709274	0.500000	1.679924	689.125501	
COMB DL-G1-3	-----	MAX	COMB	DL	-G1-3	-----	MAX							
			REL	DIST		M2	P	M3	V2	V3				
			0.000000	-17.091401	-136.296253	-7.655302	747.845317	58.432664	2911.354	0.709274	0.500000	1.679924	689.125501	
			-564.918913	-49.931240	-374.259185	-7.655302	0.250000	2.009963	661.190330	0.709274	0.500000	1.679924	689.125501	
			0.250000	-17.796298	-120.972607	-7.655302	742.910047	48.737578	2243.553	0.709274	0.500000	1.679924	689.125501	
			-564.918913	-42.029158	-280.654114	-7.655302	0.250000	2.009963	661.190330	0.709274	0.500000	1.679924	689.125501	
			-564.918913	-34.278774	-187.033925	-7.655302	742.910047	48.737578	2243.553	0.709274	0.500000	1.679924	689.125501	
			0.500000	-19.337421	-91.997571	-7.655302	0.250000	2.009963	661.190330	0.709274	0.500000	1.679924	689.125501	
			-564.921643	-26										

1.00000	-2.303288	-592.928306	-0.813697
-161.559845	-49.954682	-216.349249	
COMB DB-G2-3 ----- MAX			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	18.964833	61.870225	7.712039
617.580571	10.219615	0.844227	
0.25000	18.147342	61.872344	7.712039
617.580571	14.470963	820.086045	
0.50000	17.371458	64.304029	7.712039
617.580571	19.238293	1574.474	
0.75000	16.638815	78.536463	7.712039
617.580571	24.108789	2267.758	
1.00000	15.953402	97.734459	7.712039
617.580571	29.134298	2905.796	
COMB DB-G2-3 ----- MIN			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	-1.442756	-754.781790	-4.853852
-433.970412	-16.693677	-0.672569	
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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	M3	V2
T	M2	M3	V2
0.25000	-1.442756	-724.168411	-4.853852
-433.970412	-22.866422	-70.120940	
0.50000	-1.533567	-694.964270	-4.853852
-433.970412	-30.113317	-140.222515	
0.75000	-1.920266	-667.254624	-4.853852
-433.970412	-37.862353	-210.324089	
1.00000	-2.432503	-641.214666	-4.853852
-433.970412	-45.802285	-280.425663	
COMB DL-G1-1 ----- MAX			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	3.243126	32.977023	0.212605
42.385704	13.757157	0.093010	
0.25000	3.232681	33.130274	0.212605
43.126765	20.063894	147.510219	
0.50000	3.222789	33.337224	0.212605
43.920086	26.658444	295.288709	
0.75000	3.213483	33.554193	0.212605
44.738570	33.362672	442.539106	
1.00000	3.204635	33.778601	0.212605
45.574088	40.189454	589.278197	
COMB DL-G1-1 ----- MIN			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	-0.594959	-143.578737	-6.042622
-565.545629	-1.122669	-0.825049	
0.25000	-0.599430	-143.177682	-6.042622
-564.732526	-1.161958	-95.196754	
0.50000	-0.604938	-142.786305	-6.042622
-563.987480	-1.227530	-70.480060	
0.75000	-0.610686	-142.437234	-6.042622
-563.316592	-1.343564	-105.763881	
1.00000	-0.616611	-142.100803	-6.042622
-562.724525	-1.517903	-141.048070	
COMB DL-G1-2 ----- MAX			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	8.347707	64.094483	0.851573
142.332344	18.640255	0.209206	
0.25000	8.347463	64.098118	0.851573
142.320212	26.111881	363.909341	
0.50000	8.347233	64.102955	0.851573
142.338907	34.174403	728.921494	
0.75000	8.347011	64.108026	0.851573
142.358198	42.485815	139.33211	
1.00000	8.346815	64.113271	0.851573
142.377896	50.870242	1458.909	
COMB DL-G1-2 ----- MIN			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	-1.256307	-355.238048	-7.666029
-781.136784	-3.807574	-1.143270	
0.25000	-1.256413	-355.228709	-7.666029
-781.117591	-3.633469	-68.317318	
0.50000	-1.256542	-355.218829	-7.666029
-781.093996	-3.764471	-136.742030	
0.75000	-1.256676	-355.211470	-7.666029
-781.084142	-3.999500	-205.166744	
1.00000	-1.256815	-355.203640	-7.666029
-781.070139	-4.295429	-273.591467	
COMB DL-G1-3 ----- MAX			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	16.838785	88.953959	4.882072
446.529835	20.418283	0.580971	
0.25000	16.250487	94.333853	4.882072
452.782819	25.884296	677.351169	
0.50000	15.691227	105.118653	4.882072
476.687980	32.107375	1325.394	
0.75000	15.64112	116.434173	4.882072
511.336112	39.711141	1944.177	
1.00000	14.670834	128.124059	4.882072
546.566433	47.460498	2534.573	
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REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	-1.950627	-688.596528	-7.174671
-842.774945	-1.3231872	-1.206743	
0.25000	-2.110620	-666.010440	-7.174671
-809.733002	-16.261564	-96.428637	
0.50000	-2.398846	-644.490103	-7.174671
-779.765405	-21.065036	-192.852545	
0.75000	-2.696671	-624.156901	-7.174671
-753.254393	-25.146625	-289.305169	
1.00000	-3.009261	-605.025169	-7.174671
-746.804853	-31.299014	-385.760544	
COMB DL-G2-1 ----- MAX			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	12.044303	38.457382	6.522750
635.331811	1.658708	0.816589	
0.25000	11.322277	39.425001	6.522750

632.851233	1.838290	452.565285	
0.50000	10.632892	51.147306	6.522750
630.082675	2.045908	868.396399	
0.75000	9.980209	63.438242	6.522750
627.334117	2.295672	1248.967	
1.00000	9.365149	76.141544	6.522750
624.575578	2.572543	1595.845	
COMB DL-G2-1 ----- MIN			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	-1.064550	-473.918633	-0.333502
-58.121406	-1.7205504	-0.090013	
0.25000	-1.100699	-446.261931	-0.333502
-58.399386	-23.917839	-41.075347	
0.50000	-1.416307	-419.781466	-0.333502
-58.399386	-31.007694	-82.127360	
0.75000	-1.745660	-394.580297	-0.333502
-58.399386	-38.204493	-123.196842	
1.00000	-2.083778	-370.831494	-0.333502
-58.399386	-45.455544	-164.296964	
COMB DL-G2-2 ----- MAX			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	19.129400	70.623544	8.345468
794.509015	4.837786	0.989419	
0.25000	18.199349	74.378334	8.345468
797.844944	4.621225	734.367158	
0.50000	17.313201	90.137230	8.345468
802.802135	5.102788	1421.371	
0.75000	16.475510	106.870844	8.345468
807.763665	5.754546	2062.593	
1.00000	15.687963	123.744898	8.345468
812.725161	6.466554	2660.084	
COMB DL-G2-2 ----- MIN			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	-1.817031	-760.158434	-0.901177
-197.915161	-21.663446	-0.303685	
0.25000	-1.934269	-724.202696	-0.901177
-180.657433	-29.524300	-75.417337	
0.50000	-2.357557	-690.456729	-0.901177
-180.653093	-38.187722	-150.802321	
0.75000	-2.799264	-658.092320	-0.901177
-180.653093	-47.014177	-226.201511	
1.00000	-3.253086	-627.659231	-0.901177
-180.653093	-55.984517	-301.629141	
COMB DL-G2-3 ----- MAX			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	20.458042	91.372512	7.799777
765.333020	12.980492	0.971105	
0.25000	19.629297	94.631373	7.799777
768.186490	16.632457	805.587570	
0.50000	18.839625	108.650248	7.799777
772.310814	21.102454	1569.504	
0.75000	18.093086	123.358444	7.799777
776.435138	25.825074	2292.644	
1.00000	17.391179	138.546141	7.799777
780.559434	30.624105	2976.823	
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REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	-2.158589	-824.084638	-4.606445
-538.981028	-20.889389	-0.806897	
0.25000	-2.260584	-792.329850	-4.606445
-525.824710	-27.760987	-97.511366	
0.50000	-2.637180	-761.975388	-4.606445
-525.824710	-35.426544	-195.040129	
0.75000	-3.030157	-733.134412	-4.606445
-525.824710	-43.349197	-292.598030	
1.00000	-3.433898	-706.009603	-4.606445
-525.824710	-51.593722	-390.169230	
COMB DB ----- MAX			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	18.964833	61.870225	8.365719
640.298771	16.144468	0.873963	
0.25000	18.147342	61.872344	8.365719
640.298771	22.388003	820.086045	
0.50000	17.371458	64.364355	8.365719
640.298771	31.007114	1574.474	
0.75000	16.638815	78.536463	8.365719
640.298771	39.739582	2267.758	
1.00000	15.953402	97.734459	8.365719
640.298771	48.675226	2905.796	
COMB DB ----- MIN			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	-1.442756	-754.781790	-8.198368
-678.670585	-17.337751	-1.048979	
0.25000	-1.442756	-724.168411	-8.198368
-647.249200	-24.503968	-70.120940	
0.50000	-1.533567	-694.964270	-8.198368
-622.831494	-32.750056	-140.222515	
0.75000	-1.920266	-667.254624	-8.198368
-622.977409	-41.270626	-210.324089	
1.00000	-2.432503	-641.214666	-8.198368
-622.775401	-49.954682	-280.425663	
COMB DL ----- MAX			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	20.458042	91.372512	8.345468
794.509015	20.418283	0.989419	
0.25000	19.629297	94.631373	8.345468
797.844944	26.111881	805.587570	
0.50000	18.839625	108.650248	8.345468
802.802135	34.174403	1574.474	
0.75000	18.093086	123.358444	8.345468
807.763665	42.485815	2292.644	
812.725161	50.870242	2976.823	
COMB DL ----- MIN			
REL_DIST	P	M3	V2
T	M2	M3	V2
0.00000	-2.158589	-824.084638	-7.666029
-842.774945	-21.663446	-1.206743	
0.25000	-2.260584	-792.329850	-7.666029
-809.733002	-29.524300	-75.417337	
0.50000	-2.357557	-690.456729	-7.666029
-791.099996	-38.187722	-150.802321	
0.75000	-2.799264	-658.092320	-7.666029
-781.084142	-47.014177	-292.598030	
1.00000	-3.433898	-706.009603	-7.666029
-781.070139	-55.984517	-390.169230	

COMB		CAR				-----				MAX	
REL_DIST		P		M3		V2		V3			
T		M2		M3		V2		V3			
0.00000		20.458042		91.327512						8.365719	
794.509015		20.418263		0.999419							
0.25000		19.629297		94.631373						8.365719	
797.844944		26.111881		820.086045							
0.50000		18.839625		108.650248						8.365719	
802.802135		34.174403		1574.474							
0.75000		18.093086		123.584444						8.365719	
707.763665		42.458515		2292.644							
1.00000		17.391179		138.546141						8.365719	
812.725161		50.670242		2976.823							
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F O R C E S											
COMB		CAR				-----				MIN	
REL_DIST		P		M3		V2		V3			
T		M2		M3		V2		V3			
0.00000		-2.158589		-824.084638						-8.198368	
-842.774945		-21.663446		-1.206743							
0.25000		-2.260584		-792.329850						-8.198368	
-809.733002		-29.524300		-97.511366							
0.50000		-2.637180		-761.975386						-8.198368	
802.802135		-38.187722		-195.048129							
0.75000		-3.030157		-733.134412						-8.198368	
-781.084142		-47.014177		-292.598030							
1.00000		-3.433898		-706.009603						-8.198368	
-781.070139		-55.984517		-390.169230							
COMB DESIGN		-----									
REL_DIST		P		M3		V2		V3			
T		M2		M3		V2		V3			
0.00000		20.458042		91.327512						8.365719	
794.509015		20.418263		0.999419						8.365719	
0.25000		19.629297		94.631373						8.365719	
797.844944		26.111881		820.086045						8.365719	
0.50000		18.839625		108.650248						8.365719	
802.802135		34.174403		1574.474						8.365719	
0.75000		18.093086		123.584444						8.365719	
707.763665		42.458515		2292.644						8.365719	
1.00000		17.391179		138.546141						8.365719	
812.725161		50.670242		2976.823							
COMB DESIGN		-----									
REL_DIST		P		M3		V2		V3			
T		M2		M3		V2		V3			
0.00000		-2.158589		-824.084638						-8.198368	
-842.774945		-21.663446		-1.206743							
0.25000		-2.260584		-792.329850						-8.198368	
-809.733002		-29.524300		-97.511366						-8.198368	
0.50000		-2.637180		-761.975386						-8.198368	
802.802135		-38.187722		-195.048129							
0.75000		-3.030157		-733.134412						-8.198368	
-781.084142		-47.014177		-292.598030							
1.00000		-3.433898		-706.009603						-8.198368	
-781.070139		-55.984517		-390.169230							
ELEM		46		=====		LENGTH =					
5.036392											
COMB DB-G1-1		-----									
REL_DIST		P		M3		V2		V3			
T		M2		M3		V2		V3			
0.00000		2.452498		23.891696						0.266611	
-42.383475		36.579329		480.324646							
0.25000		2.442547		24.236902						0.266611	
-43.739370		43.358146		619.365504							
0.50000		2.433642		24.579168						0.266611	
-44.360139		50.243654		758.100451							
0.75000		2.425275		24.515202						0.266611	
-45.362318		57.323967		897.869682							
1.00000		2.417486		25.300803						0.266611	
-46.772570		64.493258		1036.723							
COMB DB-G1-1		-----									
REL_DIST		P		M3		V2		V3			
T		M2		M3		V2		V3			
0.00000		-0.327553		-113.721043						-5.791628	
-460.108782		-1.495890		-100.175592							
0.25000		-0.337051		-113.348902						-5.791628	
-459.057229		5.526030		129.865321							
0.50000		-0.346378		-113.010218						-5.791628	
-458.159398		-1.558139		-159.550666							
0.75000		-0.355459		-112.691096						-5.791628	
-457.504309		-1.590772		-168.244812							
0.00000		-0.363611		-112.391474						-5.791628	
-456.982136		-1.618575		-128.934557							
COMB DB-G1-2		-----									
REL_DIST		P		M3		V2		V3			
T		M2		M3		V2		V3			
0.00000		5.885506		64.657824						0.711028	
-425.469597		45.001167		1262.411							
0.25000		5.885138		64.670613						0.711028	
-425.506518		53.258477		1533.351							
0.50000		5.884808		64.683292						0.711028	
-425.428781		61.620783		1844.514							
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F O R C E S											
REL_DIST		P		M3		V2		V3			
T		M2		M3		V2		V3			
0.75000		5.884498		64.695740						0.711028	
-225.579984		70.247779		2168.134							
1.00000		5.884209		64.710026						0.711028	
-225.632333		78.942184		2497.948							
COMB DB-G1-2		-----									
REL_DIST		P		M3		V2		V3			
T		M2		M3		V2		V3			
0.00000		-0.825746		-265.191802						-7.379566	
-677.458408		-4.103404		-159.278332							
0.25000		-0.860098		-265.177940						-7.379566	
-677.417417		-3.405756		-156.458484							
0.50000		-0.826443		-265.165468						-7.379566	
-677.384129		-6.321867		-305.653276							
0.75000		-0.826779		-265.153646						-7.379566	
-677.359648		-4.200791		-363.840747							
1.00000		-0.827167		-265.142547						-7.379566	
-677.340285		-4.946095		-420.028219							
COMB DB-G1-3		-----									
REL_DIST		P		M3		V2		V3			
T		M2		M3		V2		V3			
0.00000		12.571534		78.277353						4.4808035	
-882.828474		41.406876		2406.309							

0.75000 -0.588829 -151.769590 -5.931312
-604.269926 -2.380803 -265.225321
1.00000 -0.595647 -151.462300 -5.931312
-803.750724 -2.609672 -306.700543
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COMB DL-G1-2 ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 7.092743 75.724004 1.110918
191.243828 49.145460 1456.824
0.25000 7.092520 75.729173 1.110918
191.282104 57.716686 1804.081
0.50000 7.092311 75.734671 1.110918
191.281340 66.447197 2173.461
0.75000 7.092116 75.740419 1.110918
191.301252 75.325880 2546.447
1.00000 7.091937 75.746357 1.110918
191.321643 84.324255 2921.396

COMB DL-G1-2 ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -1.427667 -333.233790 -7.530813
-849.869251 -5.961182 -273.417710
0.25000 -1.427808 -333.225136 -7.530813
-849.851891 -6.242678 -351.868491
0.50000 -1.427957 -333.216923 -7.530813
-849.838054 -6.565521 -430.332111
0.75000 -1.428112 -333.202220 -7.530813
-849.821880 -7.402420 -508.804768
1.00000 -1.428271 -333.202064 -7.530813
-849.809539 -8.508935 -587.277933

COMB DL-G1-3 ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 13.66183 124.687482 4.957407
519.442761 46.067108 253.53585
0.25000 12.932196 136.691170 4.957407
592.378010 53.965251 311.1802
0.50000 12.429044 143.82844 4.957407
587.216566 62.035953 369.941
0.75000 11.959328 162.739873 4.957407
622.926343 70.280346 4220.216
1.00000 11.524881 176.450008 4.957407
657.277230 78.660013 4731.892

COMB DL-G1-3 ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -2.889956 -590.643258 -7.148593
-864.003043 -3.3238504 -385.631672
0.25000 -3.219938 -569.890930 -7.148593
-837.468890 -3.7788182 -490.334121
0.50000 -3.567091 -550.179589 -7.148593
-819.121373 -4.321274 -595.115149
0.75000 -3.927079 -531.628317 -7.148593
-818.992899 -50.775070 -699.802287
1.00000 -4.295888 -514.330718 -7.148593
-818.992899 -57.847011 -804.545481

COMB DL-G2-1 ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 8.976373 69.205652 6.392744
682.426233 3.021513 1597.401
0.25000 8.332196 83.117871 6.392744
679.360637 3.307318 1934.363
0.50000 7.715621 97.822392 6.392744
676.295058 3.639540 2232.461
0.75000 7.140913 113.159341 6.392744
673.229480 4.030870 2492.408
1.00000 6.506721 128.295748 6.392744
670.163901 4.478570 2715.884

COMB DL-G2-1 ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -2.047166 -363.567565 -0.440213
-70.405658 -47.185117 -164.472185
0.25000 -2.422525 -338.477775 -0.440213
-70.405658 -54.773005 -206.586338
0.50000 -2.836001 -314.539637 -0.440213
-70.405658 -32.453010 -248.652991
0.75000 -3.235656 -291.892040 -0.440213
-70.405658 -70.174551 -290.835881
1.00000 -3.680116 -270.686948 -0.440213
-70.405658 -78.045944 -332.837044
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COMB DL-G2-2 ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 14.372838 119.047711 8.275703
889.088475 5.749158 2661.746
0.25000 13.535056 137.315543 8.275703
894.602242 6.482013 3208.473
0.50000 12.744057 156.659770 8.275703
900.115978 37.290391 3726.558
0.75000 12.003378 176.856911 8.275703
905.629715 8.195557 4198.925
1.00000 11.315915 197.613564 8.275703
911.143451 9.165880 4625.541

COMB DL-G2-2 ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -3.312642 -596.624554 -1.074458
-58.1564676 -15.190719 -301.851766
0.25000 -3.817292 -564.152962 -1.074458
-215.644676 -67.701646 -381.103202
0.50000 -4.346842 -533.219843 -1.074458
-215.644676 -77.272994 -460.249268
0.75000 -4.895393 -503.999625 -1.074458
-215.644676 -87.394294 -555.95349
1.00000 -5.455459 -476.694389 -1.074458
-215.644676 -97.697313 -618.637478

COMB DL-G2-3 ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 15.740021 136.751927 8.2753920
857.967396 29.360675 2977.267
0.25000 14.994014 153.013982 8.2753920
862.550773 34.282684 3622.107

0.50000 14.289247 170.236847 7.853920
867.134125 39.364880 4243.953
0.75000 13.629639 188.218596 7.853920
871.17476 44.564313 4863.636
1.00000 13.016681 206.697689 7.853920
876.300827 49.848571 5367.007

COMB DL-G2-3 ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -3.433516 -672.577990 -4.615941
-585.070607 -53.843783 -390.275629
0.25000 -3.882889 -643.649357 -4.615941
-585.070607 -62.660750 -495.979424
0.50000 -4.354500 -616.089669 -4.615941
-585.070607 -71.560061 -601.577570
0.75000 -4.842835 -590.054508 -4.615941
-585.070607 -81.018568 -707.335856
1.00000 -5.341937 -565.723721 -4.615941
-585.070607 -90.689290 -812.888946

COMB DB ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 15.155444 66.964886 7.696337
752.610124 45.001167 2905.774
0.25000 14.349400 114.815329 7.696337
752.610124 53.258477 3487.390
0.50000 13.619841 142.543859 7.696337
752.610124 61.620783 4050.662
0.75000 12.935369 169.789733 7.696337
752.610124 70.247779 4572.026
1.00000 12.298976 202.071640 7.696337
752.610124 78.942184 5050.284

COMB DB ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -2.195724 -636.803986 -7.379566
-680.438309 -50.917673 -280.501117
0.25000 -2.997642 -607.948360 -7.379566
-677.417417 -59.888494 -356.322192
0.50000 -3.858910 -580.555558 -7.379566
-677.384129 -68.017716 -432.158355
0.75000 -4.697534 -554.621935 -7.379566
-677.359648 -78.284288 -507.994527
1.00000 -5.617267 -530.296962 -7.379566
-677.340285 -86.684840 -583.030700
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FORCES

COMB DL ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 15.740021 136.751927 8.275703
889.088475 49.145460 2977.267
0.25000 14.994014 153.013982 8.275703
894.602242 57.716886 3622.107
0.50000 14.289247 170.236847 8.275703
900.115978 66.447197 4243.953
0.75000 13.629638 188.218596 8.275703
905.629715 75.325880 4825.638
1.00000 13.016681 206.697689 8.275703
911.143451 84.324265 5367.007

COMB DL ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -3.433516 -672.577990 -7.530813
-864.003043 -58.180719 -390.275629
0.25000 -3.882889 -643.649357 -7.530813
-849.851891 -67.701646 -495.979424
0.50000 -4.354500 -616.089669 -7.530813
-849.636054 -77.272994 -601.577570
0.75000 -4.895393 -590.054508 -7.530813
-849.821880 -87.394294 -707.335856
1.00000 -5.455959 -565.723721 -7.530813
-849.809539 -97.697313 -812.888946

COMB CAR ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 15.740021 136.751927 8.275703
889.088475 49.145460 2977.267
0.25000 14.994014 153.013982 8.275703
894.602242 57.716886 3622.107
0.50000 14.289247 170.236847 8.275703
900.115978 66.447197 4243.953
0.75000 13.629638 188.218596 8.275703
905.629715 75.325880 4825.638
1.00000 13.016681 206.697689 8.275703
911.143451 84.324265 5367.007

COMB CAR ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -3.433516 -672.577990 -7.530813
-864.003043 -58.180719 -390.275629
0.25000 -3.882889 -643.649357 -7.530813
-849.851891 -67.701646 -495.979424
0.50000 -4.354500 -616.089669 -7.530813
-849.636054 -77.272994 -601.577570
0.75000 -4.895393 -590.054508 -7.530813
-849.821880 -87.394294 -707.335856
1.00000 -5.617267 -565.723721 -7.530813
-849.809539 -97.697313 -812.888946

COMB DESIGN ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 15.740021 136.751927 8.275703
889.088475 49.145460 2977.267
0.25000 14.994014 153.013982 8.275703
894.602242 57.716886 3622.107
0.50000 14.289247 170.236847 8.275703
900.115978 66.447197 4243.953
0.75000 13.629638 188.218596 8.275703
905.629715 75.325880 4825.638
1.00000 13.016681 206.697689 8.275703
911.143451 84.324265 5367.007

COMB DESIGN ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -3.433516 -672.577990 -7.530813
-864.003043 -58.180719 -390.275629
0.25000 -3.882889 -643.649357 -7.530813
-849.851891 -67.701646 -495.979424
0.50000 -4.354500 -616.089669 -7.530813
-849.636054 -77.272994 -601.577570
0.75000 -4.895393 -590.054508 -7.530813
-849.821880 -87.394294 -707.335856
1.00000 -5.617267 -565.723721 -7.530813
-849.809539 -97.697313 -812.888946
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ELEM 47 ===== LENGTH = 5.035285
COMB DB-G1-1 ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 1.796795 25.341867 1.173936
47.118273 60.422858 1035.342
0.25000 1.787855 25.657340 1.173936
47.969137 61.970320 1142.966
0.50000 1.779781 25.975991 1.173936
48.831497 64.120341 1252.776
0.75000 1.772112 26.295469 1.173936
49.702215 66.941143 1363.038
1.00000 1.764898 26.637583 1.173936
50.700885 70.196171 1475.002

COMB DB-G1-1 ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -0.479775 -95.887754 -3.855032
-40.923713 -2.88349 -48.789110
0.25000 -0.488563 -95.943954 -3.855032
-40.988431 -2.151006 -249.392744
0.50000 -0.497319 -95.242539 -3.855032
-40.181216 -2.137715 -279.993779
0.75000 -0.505994 -94.947523 -3.855032
-399.410772 -2.128142 -310.610998
1.00000 -0.515162 -94.821880 -3.855032
-398.842352 -2.124595 -341.228217

COMB DB-G1-2 ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 4.423224 58.789277 1.810651
237.829781 73.550284 2496.008
0.25000 4.422893 58.800964 1.810651
237.861333 75.891988 2680.022
0.50000 4.422594 58.127769 1.810651
237.883210 78.935242 2899.082
0.75000 4.422310 58.824604 1.810651
237.925603 82.744281 3143.822
1.00000 4.422042 58.837279 1.810651
237.962630 87.004574 3404.716

COMB DB-G1-2 ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -1.547319 -223.052922 -5.036128
-624.029357 -5.208508 -419.863356
0.25000 -1.547645 -223.040406 -5.036128
-623.964627 -5.747455 -477.075684
0.50000 -1.547969 -223.029017 -5.036128
-623.964694 -6.291219 -534.276229
0.75000 -1.548290 -223.018088 -5.036128
-623.931264 -6.837245 -591.497754
1.00000 -1.548630 -223.007703 -5.036128
-623.914814 -7.546110 -648.719278

COMB DB-G1-3 ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 10.033307 139.550562 4.152184
450.574382 67.488953 4338.449
0.25000 9.529870 157.866991 4.152184
478.108879 69.775515 4662.271
0.50000 9.062970 176.958004 4.152184
507.486645 72.727262 4987.811
0.75000 8.619646 194.962783 4.152184
545.976405 76.390659 5312.543
1.00000 8.202901 214.216626 4.152184
590.147020 80.472481 5625.604

COMB DB-G1-3 ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -0.419507 -458.842368 -5.477957
-632.489187 -46.421857 -574.960444
0.25000 -4.534066 -439.821574 -5.477957
-610.444280 -48.857632 -650.819973
0.50000 -5.046789 -422.203894 -5.477957
-610.444280 -51.519119 -726.686860
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REL_DIST P M2 M3 V2 V3
T
0.75000 -5.554806 -405.200539 -5.477957
-610.444280 -54.612696 -502.572384
1.00000 -6.074514 -389.050233 -5.477957
-610.444280 -57.845322 -878.457908

COMB DB-G2-1 ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 7.480524 113.443316 4.033994
452.452648 3.007667 2691.493
0.25000 6.907592 135.270198 4.033994
452.452648 3.120975 2886.257
0.50000 6.54386 157.365883 4.033994
452.452648 3.286035 3041.086
0.75000 5.829460 179.554771 4.033994
452.452648 3.495206 3168.536
1.00000 5.365518 201.449991 4.033994
452.452648 3.738749 3262.245

COMB DB-G2-1 ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -3.328843 -316.931214 -1.123022
-56.038269 -68.904693 -238.607273
0.25000 -3.949369 -295.638948 -1.123022
-56.038269 -70.784400 -267.582963
0.50000 -4.567833 -274.750698 -1.123022
-56.038269 -73.161143 -296.558702
0.75000 -5.180684 -254.704819 -1.123022
-56.038269 -75.994328 -325.534630
1.00000 -5.778230 -235.674683 -1.123022
-56.038269 -79.557482 -354.510575

COMB DB-G2-2 ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 11.680108 169.812412 5.262269
683.308694 5.443407 4499.830
0.25000 10.917330 198.379966 5.262269

683.308694 6.004192 4795.632 5.262269
0.50000 10.191808 227.289821
683.308694 6.631694 5.631694
0.75000 9.503154 245.703226 5.262269
683.308694 7.310576 5330.739
1.00000 8.856244 285.459019 5.262269
684.140783 8.022812 5562.016

COMB DB-G2-2 ----- MIN
REL_DIST P M2 M3 V2 V3
T
0.00000 -5.222002 -505.636481 -1.910146
-203.566862 -83.500330 -443.284204
0.25000 -6.030821 -477.119684 -1.910146
-203.566862 -86.751065 -498.557036
0.50000 -6.836744 -449.675362 -1.910146
-203.566862 -90.518161 -555.829869
0.75000 -7.635301 -423.335614 -1.910146
-203.566862 -94.927945 -609.102710
1.00000 -8.427841 -398.326798 -1.910146
-203.566862 -100.048320 -664.375550

COMB DB-G2-3 ----- MAX
REL_DIST P M2 M3 V2 V3
T
0.00000 12.143609 173.517730 5.383093
668.533416 41.669403 5

REL_DIST	P	M2	M3	V2	V3
0.00000	-4.213506	-465.221448			-5.385961
-783.754774	-54.727218	-834.447292			
0.25000	-4.561423	-467.230009			-5.385961
-761.085857	-57.830648	-909.336170			
0.50000	-4.927370	-450.059229			-5.385961
-740.886339	-61.403741	-1013.936			
0.75000	-5.307947	-433.778034			-5.385961
-740.401254	-65.165742	-81.18.995			
1.00000	-5.698041	-418.512197			-5.385961
-740.411147	-69.104672	-1224.798			
COMB_DL-G2-1-----MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000	7.220302	106.821813			3.897997
577.949507	4.518401	2717.609			
0.25000	6.681218	121.412959			3.897997
574.884618	4.712605	2938.843			
0.50000	6.168341	136.837431			3.897997
571.819729	4.956311	3125.229			
0.75000	5.685142	152.953163			3.897997
568.754840	5.248908	3276.667			
1.00000	5.233653	169.637611			3.897997
565.699591	5.600230	3394.011			
COMB_DL-G2-1-----MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000	-3.313654	-295.450294			-1.090752
-73.720004	-75.586768	-333.055091			
0.25000	-3.727126	-274.163516			-1.090752
-73.720004	-78.513501	-373.715471			
0.50000	-4.158857	-253.738066			-1.090752
-73.720004	-81.811764	-414.956125			
0.75000	-4.605468	-234.268029			-1.090752
-73.720004	-86.501059	-455.18.962			
1.00000	-5.063055	-215.894889			-1.090752
-73.720004	-89.299322	-496.601318			
COMB_DL-G2-2-----MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000	11.401709	174.757388			5.346359
781.812070	8.463404	4627.426			
0.25000	10.699064	193.826454			5.346359
787.324566	9.276599	4985.227			
0.50000	10.031834	214.008204			5.346359
792.837062	10.147522	5316.084			
0.75000	9.404874	235.100624			5.346359
798.349558	11.062402	5616.232			
1.00000	8.819362	256.986266			5.346359
803.862053	12.018117	5872.151			
COMB_DL-G2-2-----MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000	-5.184263	-485.766546			-2.021936
-235.493089	-94.145876	-618.923747			
0.25000	-5.723196	-496.007489			-2.021936
-235.493089	-98.434293	-658.460653			
0.50000	-6.286749	-431.422545			-2.021936
-235.493089	-103.634193	-774.643637			
0.75000	-6.870577	-406.128012			-2.021936
-235.493089	-109.169085	-852.313446			
1.00000	-7.469091	-382.311391			-2.021936
-235.493089	-114.978595	-929.832878			
COMB_DL-G2-3-----MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000	12.267329	188.129563			5.583024
761.827756	4.362508	5367.592			
0.25000	11.641507	205.111600			5.583024
768.941076	8.990233	5800.050			
0.50000	11.047191	223.083689			5.583024
770.992396	51.624068	6227.886			
0.75000	10.488713	241.866101			5.583024
775.574716	54.481337	6622.209			
1.00000	9.967106	261.354187			5.583024
780.157036	52.589398	6977.961			
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COMB_DL-G2-3-----MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000	-5.176380	-546.814428			-4.153887
-550.758824	-87.640832	-813.037016			
0.25000	-5.656374	-522.091406			-4.153887
-550.758824	-91.752878	-917.906157			
0.50000	-6.158271	-498.412332			-4.153887
-550.758824	-96.806185	-1023.341			
0.75000	-6.678202	-475.881013			-4.153887
-550.758824	-102.181227	-1128.312			
1.00000	-7.211193	-454.664313			-4.153887
-550.758824	-107.819462	-1233.153			
COMB_DB-G2-1-----MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000	12.143609	173.517730			5.383093
683.308694	73.550284	5050.367			
0.25000	11.466885	198.883047			5.383093
683.308694	75.891988	5405.720			
0.50000	10.822753	227.298921			5.383093
683.308694	78.935242	5749.947			
0.75000	10.213662	256.303426			5.383093
683.308694	82.744281	6085.484			
1.00000	9.637040	285.459019			5.383093
684.140783	87.004574	6398.912			
COMB_DB-G2-1-----MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000	-5.222002	-540.861357			-5.477957
-783.754774	-94.145876	-813.037519			
0.25000	-6.030821	-522.091406			-5.477957
-761.085857	-98.434293	-917.906157			
0.50000	-6.836744	-498.412332			-5.477957
-756.171918	-103.634193	-1023.341			
0.75000	-7.635301	-475.881013			-5.477957
-756.158577	-109.169085	-1128.312			
1.00000	-8.427841	-454.664313			-5.477957
-756.146719	-114.978595	-1233.153			
ELEM 48 ===== LENGTH =					
5.036180					
COMB_DB-G1-1-----MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000	0.978245	25.978090			3.282592
48.961770	64.951151	1474.001			
0.25000	0.969918	26.288194			3.282592
49.136298	64.013190	1534.444			
0.50000	0.962386	26.565690			3.282592
49.942756	64.015645	1598.224			
0.75000	0.955181	26.867879			3.282592
50.775440	64.975274	1684.190			
1.00000	0.948360	27.194392			3.282592
51.732808	66.765033	1732.564			
COMB_DB-G1-1-----MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000	-0.702024	-69.843384			-3.370102
-130.968750	-2.653053	-341.080912			
0.25000	-0.709880	-69.519755			-3.370102
-310.007846	-2.621145	-371.859741			
0.50000	-0.717821	-69.240072			-3.370102
-309.186030	-2.588826	-402.638571			
0.75000	-0.725791	-68.937895			-3.370102
-308.422755	-2.561021	-433.417401			
1.00000	-0.734297	-68.663759			-3.370102
-307.693260	-2.544180	-464.196231			
COMB_DB-G1-2-----MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000	2.813761	78.192699			4.335898
230.485683	80.309055	3403.402			
0.25000	2.813452	78.203716			4.335898
230.514407	79.526405	3484.892			
0.50000	2.813173	78.214738			4.335898
230.544314	79.935591	3595.994			
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COMB_DB-G1-2-----MIN					
REL_DIST	P	M2	M3	V2	V3
0.75000	2.112906	78.259337			4.335898
230.575193	81.572238	3741.895			
1.00000	2.812654	78.238031			4.335898
230.610898	84.105475	3910.195			
COMB_DB-G1-2-----MIN					

992.837062	86.594895	6227.886			
0.75000	10.488713	241.866101			5.583024
798.349558	91.067902	6622.209			
1.00000	9.967106	261.354187			5.583024
803.862053	95.796230	6977.961			
COMB ----- MIN					
REL DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3
0.00000	-5.84263	-546.814428			-5.385961
-783.754774	-9.145876	-813.037519			
0.25000	-5.723196	-522.091406			-5.385961
-761.085857	-98.434293	-917.906157			
0.50000	-6.286749	-498.412332			-5.385961
-756.171918	-103.634193	-1023.341			
0.75000	-6.705757	-475.881013			-5.385961
-756.158577	-109.169085	-1128.312			
1.00000	-7.746901	-454.664313			-5.385961
-756.146719	-114.978595	-1233.153			
COMB CAR ----- MAX					
REL DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3
0.00000	12.267329	188.129563			5.583024
781.812070	78.777774	5367.592			
0.25000	11.64507	205.111600			5.583024
787.324566	82.468794	5808.050			
0.50000	-0.47191	227.289821			5.583024
792.837062	86.594895	6227.886			
0.75000	10.488713	256.303426			5.583024
798.349558	91.067902	6622.209			
1.00000	9.967106	285.459019			5.583024
803.862053	95.796230	6977.961			
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					
COMB CAR ----- MIN					
REL DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3
0.00000	-5.222002	-546.814428			-5.477957
-783.754774	-9.145876	-813.037519			
0.25000	-6.303821	-522.091406			-5.477957
-761.085857	-98.434293	-917.906157			
0.50000	-6.836744	-498.412332			-5.477957
-756.171918	-103.634193	-1023.341			
0.75000	-7.635301	-475.881013			-5.477957
-756.158577	-109.169085	-1128.312			
1.00000	-8.427841	-454.664313			-5.477957
-756.146719	-114.978595	-1233.153			
COMB DESIGN ----- MAX					
REL DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3
0.00000	-5.222002	-546.814428			5.583024
781.812070	78.777774	5367.592			
0.25000	11.64507	205.111600			5.583024
787.324566	82.468794	5808.050			
0.50000	11.047191	227.289821			5.583024
792.837062	86.594895	6227.886			
0.75000	10.488713	256.303426			5.583024
798.349558	91.067902	6622.209			
1.00000	9.967106	285.459019			5.583024
803.862053	95.796230	6977.961			
COMB DESIGN ----- MIN					
REL DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3
0.00000	-5.222002	-546.814428			-5.477957
-783.754774	-9.145876	-813.037519			
0.25000	-6.303821	-522.091406			-5.477957
-761.085857	-98.434293	-917.906157			
0.50000	-6.836744	-498.412332			-5.477957
-756.171918	-103.634193	-1023.341			
0.75000	-7.635301	-475.881013			-5.477957
-756.158577	-109.169085	-1128.312			
1.00000	-8.427841	-454.664313			-5.477957
-756.146719	-114.978595	-1233.153			
ELEM 48 ----- LENGTH =					
5.036180					
COMB DB-G1-1 ----- MAX					
REL DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3
0.00000	0.872425	25.978090			3.282592
48.361170	64.951151	1474.001			
0.25000	0.969938	26.268194			3.282592
49.136298	64.013190	1534.444			
0.50000	0.923636	26.565690			3.282592
49.942756	64.015645	1598.224			
0.75000	0.955181	26.867979			3.282592
50.775440	64.975274	1664.190			
1.00000	0.848360	27.194392			3.282592
51.738208	66.765033	1732.564			
COMB DB-G1-1 ----- MIN					
REL DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3
0.00000	-0.702024	-69.843384			-3.370102
-310.986750	-2.653053	-341.080912			
0.25000	-0.709880	-69.519755			-3.370102
-310.007846	-2.621145	-371.859741			
0.50000	-0.717821	-69.224072			-3.370102
-309.186030	-2.588826	-402.638571			
0.75000	-0.725791	-68.937895			-3.370102
-308.422755	-2.561021	-433.417401			
1.00000	-0.734297	-68.663759			-3.370102
-307.693260	-2.544180	-464.196231			
COMB DB-G1-2 ----- MAX					
REL DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3
0.00000	28.13761	78.129699			4.335898
230.485683	80.309505	3403.402			
0.25000	28.134352	78.203716			4.335898
230.514407	79.926405	3484.892			
0.50000	28.131733	78.214738			4.335898
230.544314	79.935591	3595.994			
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REL DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3
0.75000	8.212906	78.225937			4.335898
230.575193	81.572238	3741.895			
1.00000	8.212654	78.238031			4.335898
230.610898	84.105475	3910.195			
COMB DB-G1-2 ----- MIN					

T	M2	M3				0.75000	8.019863	322.280755	6.108845	REL_DIST	M2	P	M3	V2	V3	0.25000	6.049129	269.192966	6.274158	
0.00000	-7.006917	-407.346366				620.717736	92.824919	7696.599		0.00000	-5.694073	-253.853426				434.075498	84.729762	7284.713		
-245.402385	-108.126871	-930.140133				1.00000	7.561081	349.563501	6.108845	-125.122710	-91.937030	-469.624503			-4.053349	0.50000	5.697366	263.584981	6.274158	
0.25000	-7.567618	-382.087190				625.300894	95.085888	7882.125		0.25000	-6.197373	-234.354017			-4.053349	0.50000	5.697366	263.584981	6.274158	
-245.402385	-109.374297	-1007.268								-125.122710	-70.537750	-498.886329			-4.053349	0.75000	5.366660	298.633055	6.274158	
0.50000	-8.154725	-357.803127								0.50000	-6.708810	-215.081141			-4.053349	0.50000	5.366660	298.633055	6.274158	
-245.402385	-111.112494	-1084.266								-125.122710	-67.088100	-528.152155			-4.053349	0.75000	-8.762973	-334.647500	6.274158	
0.75000	-8.762973	-334.647500								0.75000	-7.223716	-196.432056			-4.053349	1.00000	5.059846	314.221295	6.274158	
-245.402385	-113.432894	-1546.894								-125.122710	-71.078077	-557.415981			-4.053349	0.50000	5.059846	314.221295	6.274158	
0.25000	-9.330749	-312.830948								1.00000	-7.731796	-178.617148			-4.053349	0.50000	5.059846	314.221295	6.274158	
-245.402385	-116.234766	-1651.378								-125.122710	-72.686948	-586.679807			-4.053349	0.50000	5.059846	314.221295	6.274158	
COMB DL-G2-3	-----	MAX								COMB DB-G2-2	-----	MAX								
REL_DIST	M2	P	M3	V2	V3					REL_DIST	M2	P	M3	V2	V3					
0.00000	9.581830	239.609380				606.968262	53.711936	6978.484	5.828425	0.00000	8.275533	301.318039			4.646179					
0.25000	9.033803	257.431073				611.551420	54.609747	7240.810	5.828425	0.25000	7.611179	325.945143			4.646179					
0.50000	8.511860	276.350075				616.134578	55.791241	7479.412	5.828425	0.50000	10.409599	6091.918			4.646179					
0.75000	8.019863	296.080642				620.717736	57.310628	7696.599	5.828425	0.75000	6.975358	351.359569			4.646179					
1.00000	7.561081	316.449247				625.300894	59.003258	7882.125	5.828425	1.00000	6.368209	377.296211			4.646179					
625.300894	59.003258	7882.125								419.148687	12.557806	6079.015			4.646179					
COMB DL-G2-3	-----	MIN								COMB DB-G2-2	-----	MIN								
REL_DIST	M2	P	M3	V2	V3					REL_DIST	M2	P	M3	V2	V3					
0.00000	-7.173777	-442.072554				-479.031063	-7.673217	-419.587810	-5.651590	0.00000	-9.409146	-341.619032			-5.376099					
-479.031063	-103.245721	-1337.883				-479.031063	-8.196136	-397.952416	-5.651590	-264.840126	-91.791977	-884.405518			-5.376099					
0.50000	-8.196136	-397.952416				-479.031063	-105.188504	-1442.497	-5.651590	0.25000	-10.071084	-365.398042			-5.376099					
0.75000	-8.737847	-377.329802				-479.031063	-105.188504	-1442.497	-5.651590	0.50000	-10.743757	-339.943418			-5.376099					
-479.031063	-107.664993	-1546.894				-479.031063	-107.664993	-1546.894	-5.651590	-259.736274	-91.916400	-995.551439			-5.376099					
1.00000	-9.293253	-357.900948				-479.031063	-110.574712	-1651.378	-5.651590	0.75000	-11.421139	-315.296073			-5.376099					
-479.031063	-110.574712	-1651.378								1.00000	-12.102537	-291.728009			-5.376099					
COMB DB	-----	MAX								-259.736274	-96.736479	-1106.697			-5.376099					
REL_DIST	M2	P	M3	V2	V3					COMB DB-G2-3	-----	MAX								
0.00000	9.650399	243.104330				573.832645	80.309055	6399.022	6.108845	REL_DIST	M2	P	M3	V2	V3					
0.25000	9.001226	268.900974				573.832645	79.526405	6582.869	6.108845	0.00000	7.979877	303.371081			6.537474					
0.50000	8.409262	295.382330				573.832645	69.933641	6754.784	6.108845	0.25000	45.514023	7071.666			6.537474					
0.75000	7.844886	322.280755				573.832645	81.016586	392.180	6.108845	0.50000	7.390729	325.228227			6.537474					
573.832645	81.016586	392.180				573.832645	81.016586	392.180	6.108845	0.75000	6.287576	370.806528			6.537474					
573.832645	84.105475	7071.608				573.832645	84.105475	7071.608	6.108845	1.00000	5.779861	394.239130			6.537474					
573.832645	84.105475	7071.608								503.069721	49.601016	7130.000			6.537474					
COMB DB	-----	MIN								COMB DB-G2-3	-----	MIN								
REL_DIST	M2	P	M3	V2	V3					REL_DIST	M2	P	M3	V2	V3					
0.00000	-7.547460	-462.296613				-573.832645	-8.196136	-397.952416	-6.319689	0.00000	-9.852756	-394.138919			-7.056945					
-573.832645	-108.126871	-930.140133				-573.832645	-8.196136	-397.952416	-6.319689	-418.189106	-87.597161	-1184.317			-7.056945					
0.25000	-8.257189	-438.407407				-573.832645	-9.330749	-312.830948	-6.319689	0.25000	-10.071084	-365.398042			-7.056945					
-573.832645	-109.374297	-1007.268				-573.832645	-9.330749	-312.830948	-6.319689	0.50000	-10.743757	-339.943418			-7.056945					
0.50000	-8.737847	-377.329802				-573.832645	-105.188504	-1442.497	-6.319689	0.75000	-11.421139	-315.296073			-7.056945					
-573.832645	-107.664993	-1546.894				-573.832645	-107.664993	-1546.894	-6.319689	1.00000	-12.102537	-291.728009			-7.056945					
1.00000	-9.293253	-357.900948				-573.832645	-110.574712	-1651.378	-6.319689	-259.736274	-96.736479	-1106.697			-7.056945					
-573.832645	-110.574712	-1651.378								COMB DB-G2-3	-----	MIN								
COMB	-----	MAX								REL_DIST	M2	P	M3	V2	V3					
REL_DIST	M2	P	M3	V2	V3					0.00000	7.979877	303.371081			6.537474					
0.00000	9.650399	243.104330				573.832645	80.309055	6399.022	6.108845	503.069721	45.514023	7071.666			6.537474					
0.25000	9.001226	268.900974				573.832645	79.526405	6582.869	6.108845	0.25000	7.390729	325.228227			6.537474					
0.50000	8.409262	295.382330				573.832645	69.933641	6754.784	6.108845	0.50000	45.506677	7097.336			6.537474					
0.75000	7.844886	322.280755				573.832645	81.016586	392.180	6.108845	0.75000	6.826415	347.786133			6.537474					
573.832645	81.016586	392.180				573.832645	81.016586	392.180	6.108845	1.00000	6.287576	370.806528			6.537474					
573.832645	84.105475	7071.608				573.832645	84.105475	7071.608	6.108845	503.069721	47.684947	7119.840			6.537474					
573.832645	84.105475	7071.608				573.832645	84.105475	7071.608	6.108845	1.00000	5.779861	394.239130			6.537474					
573.832645	84.105475	7071.608								503.069721	49.601016	7130.000			6.537474					
COMB DB	-----	MIN								COMB DB-G2-3	-----	MIN								
REL_DIST	M2	P	M3	V2	V3					REL_DIST	M2	P	M3	V2	V3					
0.00000	-7.547460	-462.296613				-573.832645	-8.196136	-397.952416	-6.319689	0.00000	-9.852756	-394.138919			-7.056945					
-573.832645	-108.126871	-930.140133				-573.832645	-8.196136	-397.952416	-6.319689	-418.189106	-87.597161	-1184.317			-7.056945					
0.25000	-8.257189	-438.407407				-573.832645	-9.330749	-312.830948	-6.319689	0.25000	-10.071084	-365.398042			-7.056945					
-573.832645	-109.374297	-1007.268				-573.832645	-9.330749	-312.830948	-6.319689	0.50000	-10.743757	-339.943418			-7.056945					
0.50000	-8.737847	-377.329802				-573.832645	-105.188504	-1442.497	-6.319689	0.75000	-11.421139	-315.296073			-7.056945					
-573.832645	-107.664993	-1546.894				-573.832645	-107.664993	-1546.894	-6.319689	1.00000	-12.102537	-291.728009			-7.056945					
1.00000	-9.293253	-357.900948				-573.832645	-110.574712	-1651.378	-6.319689	-259.736274	-96.736479	-1106.697			-7.056945					
-573.832645	-110.574712	-1651.378								COMB DB-G2-3	-----	MIN								
COMB	-----	MAX								REL_DIST	M2	P	M3	V2	V3					
REL_DIST	M2	P	M3	V2	V3					0.00000	7.979877	303.371081			6.537474					
0.00000	9.650399	243.104330				573.832645	80.309055	6399.022	6.108845	503.069721	45.514023	7071.666			6.537474					
0.25000	9.001226	268.900974				573.832645	79.526405	6582.869	6.108845	0.25000	7.390729	325.228227			6.537474		</			

0.00000 -9.852756 -394.113819 -7.056945
-553.493167 -91.791977 -1184.317
0.25000 -10.440357 -370.861922 -7.056945
-514.587477 -91.219508 -1259.482
0.50000 -11.037487 -348.270414 -7.056945
-479.628039 -91.916400 -1334.646
0.75000 -11.638792 -326.396085 -7.056945
-448.610286 -93.836901 -1409.810
1.00000 -12.243108 -305.480592 -7.056945
-433.594783 -96.736479 -1484.975

COMB DL-----MAX

REL_DIST M2 P M3 V2 V3
0.00000 8.066541 303.808425
489.832639 88.302271 7882.443
0.25000 7.525660 322.576189
491.945041 88.118830 7973.685
0.50000 7.047174 342.343047
495.652960 86.651543 8040.838
0.75000 6.596422 362.949337
500.235046 89.755273 8090.749
1.00000 6.176859 384.211367
514.870549 91.295152 8116.024

COMB DL-----MIN

REL_DIST M2 P M3 V2 V3
0.00000 -9.762060 -357.698128
-564.984823 -108.304205 -1651.550
0.25000 -10.295812 -336.710615
-539.300941 -108.382624 -1756.475
0.50000 -10.833073 -316.502821
-514.800425 -109.011999 -1861.869
0.75000 -11.398020 -297.255708
-492.087712 -110.281683 -1966.851
1.00000 -11.977487 -279.133175
-471.640354 -112.078780 -2071.758

COMB CAR-----MAX

REL_DIST M2 P M3 V2 V3
0.00000 8.275533 303.808425
503.069721 88.302271 7882.443
0.25000 7.611179 325.945143
503.069721 88.118830 7973.685
0.50000 7.047174 351.359569
503.069721 86.651543 8040.838
0.75000 6.596422 377.296211
503.069721 89.755273 8090.749
1.00000 6.176859 403.720146
524.192709 91.295152 8116.024
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FRAME ELEMENT INTERNAL

COMB CAR-----MIN

REL_DIST M2 P M3 V2 V3
0.00000 -9.852756 -394.113819 -7.056945
-564.984823 -108.304205 -1651.550
0.25000 -10.440357 -370.861922 -7.056945
-539.300941 -108.382624 -1756.475
0.50000 -11.037487 -348.270414 -7.056945
-514.800425 -109.011999 -1861.869
0.75000 -11.638792 -326.396085 -7.056945
-492.087712 -110.281683 -1966.851
1.00000 -12.243108 -305.480592 -7.056945
-471.640354 -112.078780 -2071.758

COMB DESIGN-----MAX

REL_DIST M2 P M3 V2 V3
0.00000 8.275533 303.808425
503.069721 88.302271 7882.443
0.25000 7.611179 325.945143
503.069721 88.118830 7973.685
0.50000 7.047174 351.359569
503.069721 86.651543 8040.838
0.75000 6.596422 377.296211
503.069721 89.755273 8090.749
1.00000 6.176859 403.720146
524.192709 91.295152 8116.024

COMB DESIGN-----MIN

REL_DIST M2 P M3 V2 V3
0.00000 -9.852756 -394.113819 -7.056945
-564.984823 -108.304205 -1651.550
0.25000 -10.440357 -370.861922 -7.056945
-539.300941 -108.382624 -1756.475
0.50000 -11.037487 -348.270414 -7.056945
-514.800425 -109.011999 -1861.869
0.75000 -11.638792 -326.396085 -7.056945
-492.087712 -110.281683 -1966.851
1.00000 -12.243108 -305.480592 -7.056945
-471.640354 -112.078780 -2071.758

ELEM 50 ===== LENGTH =

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

REL_DIST M2 P M3 V2 V3
0.00000 1.062290 56.239353
200.840298 57.821052 1789.409
0.25000 1.054609 56.514641
201.609177 56.917817 1749.637
0.50000 1.047705 56.799008
202.418287 57.128953 1714.063
0.75000 1.041103 57.089645
203.261066 58.440997 1683.418
1.00000 1.034870 57.405956
204.235324 60.678639 1657.947

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

REL_DIST M2 P M3 V2 V3
0.00000 -2.157337 -23.230611
-122.984995 -2.3461053 -24.74462
0.25000 -2.164367 -22.915927
-122.059373 -3.413440 -613.448988
0.50000 -2.171537 -22.628509
-121.154362 -3.368356 -642.030514
0.75000 -2.178789 -22.349934
-120.329669 -3.329921 -674.4441
1.00000 -2.186614 -22.083165
-119.538654 -3.303857 -699.193567

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

REL_DIST M2 P M3 V2 V3
0.00000 1.996346 157.083251
420.869166 74.391870 4004.756
0.25000 1.996061 157.093450
420.897681 73.663877 3886.193

0.50000 1.995805 157.103985 4.986459

420.927687 74.361419 3794.955

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FRAME ELEMENT INTERNAL

REL_DIST M2 P M3 V2 V3
0.75000 1.995561 157.141760
420.958940 76.360762 3744.095
1.00000 1.995330 157.126473
420.995072 79.384894 3723.019

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

REL_DIST M2 P M3 V2 V3
0.00000 -5.521837 -80.212394
-322.532097 -12.992632 -1104.648
0.25000 -5.522097 -80.200734
-322.495788 13.566939 -1159.397
0.50000 -5.522363 -80.190086
-322.464208 -14.413835 -1214.146
0.75000 -5.522631 -80.179765
-322.433624 -15.449389 -1268.895
1.00000 -5.522921 -80.169882
-322.404288 -16.556353 -1323.643

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

REL_DIST M2 P M3 V2 V3
0.00000 5.709073 311.903173
429.248835 70.478476 6385.904
0.25000 5.284347 327.613204
450.920944 70.179862 6275.325
0.50000 4.890460 343.860724
481.922325 71.146362 6184.665
0.75000 4.514492 360.485423
517.345249 73.278674 6065.124
1.00000 4.160747 377.996962
556.871954 76.327959 5969.526

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

REL_DIST M2 P M3 V2 V3
0.00000 -10.111687 -256.787547
-528.027867 -54.479574 -1484.148
0.25000 -10.514741 -239.370333
-485.584503 -55.164676 -1559.007
0.50000 10.925998 -222.968389
-447.702332 -56.324705 -1633.865
0.75000 -11.341860 -207.085999
-454.590177 -58.510646 -1708.724
1.00000 -11.775759 -191.914694
-384.702679 -61.549823 -1783.583

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

REL_DIST M2 P M3 V2 V3
0.00000 4.859323 216.272761
142.737878 4.059412 3510.034
0.25000 4.389816 234.522954
142.737878 4.510200 3505.050
0.50000 3.932416 253.431108
142.737878 4.968912 3469.889
0.75000 3.497062 272.792038
142.737878 5.441272 3403.873
1.00000 3.089362 292.206743
142.737878 5.918154 3306.969

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

REL_DIST M2 P M3 V2 V3
0.00000 -6.434793 -226.978870
-236.801607 -67.559766 -586.823784
0.25000 -6.906299 -207.696159
-236.801607 -68.228572 -617.767899
0.50000 -7.387679 -188.635020
-236.801607 -66.091749 -648.711613
0.75000 -7.874160 -170.219186
-236.801607 -67.072443 -679.655528
1.00000 -8.355992 -152.686980
-236.801607 -68.874983 -710.599443

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

REL_DIST M2 P M3 V2 V3
0.00000 7.031633 355.266032
292.621909 11.870713 6078.985
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FRAME ELEMENT INTERNAL

REL_DIST M2 P M3 V2 V3
0.25000 6.399707 379.374544
292.621909 12.794134 6011.792
0.50000 5.954113 404.370666
292.621909 13.717867 5924.721
0.75000 5.219606 429.888692
292.621909 14.642086 5828.387
1.00000 4.679430 455.991033
292.621909 15.566472 5712.860

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

REL_DIST M2 P M3 V2 V3
0.00000 -10.818229 -342.009745
-401.909855 -18.8969324 -1106.900
0.25000 -11.439498 -316.071244
-398.936598 -89.551528 -1164.453
0.50000 -12.073671 -290.894184
-398.936598 -89.489943 -1222.007
0.75000 -12.714744 -266.550460
-398.936598 -91.709851 -1279.549
1.00000 -13.362198 -243.345708
-398.936598 -94.939484 -1337.114

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

REL_DIST M2 P M3 V2 V3
0.00000 6.961284 376.614019
446.872950 45.061576 7129.954
0.25000 6.400938 398.010631
446.872950 45.368119 7026.550
0.50000 5.864622 420.185828
446.872950 46.430769 6912.993
0.75000 5.353616 442.844243
446.872950 48.188864 6801.328
1.00000 4.874271 465.991124
446.872950 50.468670 6682.036

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

REL_DIST M2 P M3 V2 V3
0.00000 -11.842221 -331.188927
-489.979154 -86.646256 -1485.086
0.25000 -12.393672 -308.187902
-489.979154 -86.759263 -1561.003
0.50000 -12.956583 -285.842826
-489.979154 -88.092449 -1636.920
0.75000 -13.525615 -264.238146
-489.979154 -90.600687 -1712.837
1.00000 -14.099775 -243.645534
-489.979154 -94.048760 -1788.755

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

REL_DIST M2 P M3 V2 V3
0.00000 1.221838 80.028861
226.369063 65.432869 2343.726
0.25000 1.215536 80.287387
226.948154 64.497605 2313.511
0.50000 1.209563 80.506867
227.580800 64.174954 2284.083
0.75000 1.203971 80.848554
228.157993 64.475750 2255.940
1.00000 1.198816 81.147363
228.971366 65.279563 2228.574

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

REL_DIST M2 P M3 V2 V3
0.00000 -3.290382 -26.899048
-109.466081 -4.929421 -816.340386
0.25000 -3.297391 -26.629795
-108.726179 -5.101131 -856.318341
0.50000 -3.304761 -26.373221
-108.020646 -5.325132 -896.388067
0.75000 -3.312424 -26.128783
-107.357367 -5.653403 -936.391617
1.00000 -3.320311 -25.901286
-106.746463 -6.174167 -976.354024
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FRAME ELEMENT INTERNAL

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

REL_DIST M2 P M3 V2 V3
0.00000 2.241710 196.775586
442.529698 84.869466 4953.725
0.25000 2.241422 196.787987
442.543424 84.344246 4865.857
0.50000 2.241422 196.787987
442.558411 84.552198 4792.245
0.75000 2.241293 196.794695
442.574449 85.432217 4740.635
1.00000 2.241173 196.801663
442.591344 87.028742 4703.716

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

REL_DIST M2 P M3 V2 V3
0.00000 -6.795958 -84.560277
-313.42471 -6.792836 -84.42066
0.25000 -6.796122 -84.553995
-313.474971 -20.155804 -1618.682
0.50000 -6.796293 -84.547989
-313.458277 -21.195944 -1695.174
0.75000 -6.796472 -84.543087
-313.442597 -22.388319 -1711.831
1.00000 -6.796656 -84.537003
-313.428132 -23.882581 -1848.348

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

REL_DIST M2 P M3 V2 V3
0.00000 5.809066 335.673387
454.337182 82.626893 7461.253
0.25000 5.468902 349.955103
475.101447 82.816684 7381.790
0.50000 5.145718 365.07421
498.209167 83.333493 7288.797
0.75000 4.842622 380.794645
523.185833 84.818838 7190.006
1.00000 4.561848 397.137144
549.526808 86.835821 7078.344

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

REL_DIST M2 P M3 V2 V3
0.00000 -11.152673 -229.092193
-524.705145 -19.752634 -2669.249
0.25000 -11.541654 -214.515041
-496.277786 -67.542643 -2173.743
0.50000 -11.948439 -200.534984
-469.119731 -69.002610 -2278.399
0.75000 -12.370155 -187.275099
-443.790409 -70.931351 -2383.019
1.00000 -12.802023 -174.846299
-420.533155 -73.447856 -2487.371

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

REL_DIST M2 P M3 V2 V3
0.00000 4.961463 200.444769
131.188496 6.274988 3807.558
0.25000 4.569883 217.483470
131.188496 6.981340 3805.440
0.50000 4.196312 235.338974
131.188496 7.136753 3771.332
0.75000 3.844436 253.992800
130.944182 4.846494 3704.405
1.00000 3.517642 273.205685
129.698823 9.239659 3605.281

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

REL_DIST M2 P M3 V2 V3
0.00000 -6.796220 -188.826907
-258.049956 -75.782739 -823.756574
0.25000 -7.058995 -171.966792
-261.115416 -74.653682 -867.113950
0.50000 -7.544106 -155.717296
-264.180876 -74.116650 -910.325184
0.75000 -8.044477 -140.239254
-267.002272 -74.163173 -953.994480
1.00000 -8.556591 -125.670898
-268.822124 -74.564162 -997.259996
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FRAME ELEMENT INTERNAL

F O R C E S

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

REL_DIST M2 P M3 V2 V3
0.00000 7.066989 344.454249
272.532388 17.852328 6687.151
0.25000 6.551401 366.604937
272.438734 19.183447 6641.254
0.50000 6.060228 389.862325
272.612130 20.532457 6565.035
0.75000 5.598185 414.200453
274.111973 21.925072 6465.258
1.00000 5.169614 439.311670
277.482065 23.465925 6335.461

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

REL_DIST M2 P M3 V2 V3
0.00000 -10.868554 -291.003684
-450.992789 -103.709524 -1551.550
0.25000 -11.473749 -268.842148
-455.479266 -103.455375 -1632.167
0.50000 -12.104893 -247.519676
-440.444584 -103.758139 -1713.067
0.75000 -12.756815 -227.239545
-436.030905 -104.745130 -1793.760
1.00000 -13.421456 -208.186683
-433.887435 -106.417409 -1874.315

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

REL_DIST M2 P M3 V2 V3
0.00000 7.154158 385.025059
433.438734 55.377534 8116.087
0.25000 6.695132 404.755468
456.438734 56.344734 8041.764
0.5000

0.00000

-103.709524

-2071.934

1.00000

-13.523626

-139.901350

-6.663420

REL DIST

M2

P

M3

V2

V3

COMB

DB

MAX

520.471385

-13.052424

-316.071244

-7.111372

363.19263

-65.557803

-2074.839

0.00000

-9.063063

-52.323612

-3.943664

REL DIST

T

M2

P

M3

V2

V3

50.00000

-13.614570

-290.894184

-7.111372

COMB DB-G2-1

MAX

0.00000

-2.1460296

-32.624931

-1848.242

0.25000

-9.063063

-52.306652

-3.943664

0.50000

-0.063408

-52.312025

-3.943664

-221.424542

-8.2666271

-1988.779

0.75000

-0.063593

-52.306652

-3.943664

-221.407839

-31.561724

-2059.015

1.00000

-0.963783

-52.301662

-3.943664

-221.392327

-8.34720928

-2129.222

COMB DL-G1-3

MAX

0.00000

5.697295

426.005850

7.353258

537.995629

81.484578

7078.596

0.25000

5.378185

440.977032

7.353258

553.932695

81.701207

6847.317

0.50000

5.074843

456.822023

7.353258

575.389446

82.747461

6597.538

0.75000

4.789870

473.384274

7.353258

599.019304

84.524085

6343.618

1.00000

4.527522

490.500187

7.353258

624.285353

86.963645

6080.305

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0.00000

-12.310050

-342.009745

-7.111372

571.248057

81.484578

7692.615

0.25000

6.327877

499.732588

7.353258

571.261158

81.701207

7460.331

0.50000

5.920339

521.617424

7.353258

575.389446

82.747461

7197.956

0.75000

5.537851

544.388463

7.353258

599.019304

84.524085

6921.044

1.00000

5.185170

567.804636

7.353258

624.285353

86.963645

6625.569

COMB DL

MAX

0.00000

-15.542204

-241.654556

-7.947052

0.25000

-16.103286

-266.271806

-7.947052

0.50000

-16.687569

-281.742499

-7.947052

0.75000

-17.289712

-291.24494

-7.947052

1.00000

-17.901702

-295.80361

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Program SAP2000 Nonlinear Version 7.42

File:2교부산방형S1-S403.OUT

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Program SAP2000 Nonlinear Version 7.42

File:2교부산방형S1-S403.OUT

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0.25000	-3.360448	-8.278097	-1.955477				
-7.294404	-7.483734	-813.897509					
0.50000	-3.367050	-8.003792	-1.955477				
-6.391518	-8.841684	-830.620009					
0.75000	-3.373755	-7.740213	-1.955477				
-5.517810	-10.472663	-847.342508					
1.00000	-3.381078	-7.490526	-1.955477				
-4.680038	-12.688245	-864.065761					
COMB DB-G1-2				MAX			
REL_DIST		M2		M3		V2	
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593.960873	71.489891	3118.933	6.420094				
0.25000	2.197545	251.377635	6.420094				
593.989399	68.472131	2848.611	6.420094				
0.50000	2.197313	251.387662	6.420094				
594.019582	66.626122	2608.634	6.420094				
Program SAP2000 Nonlinear				Version 7.42			
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FRAME FORCES		ELEMENT		INTERNAL			
REL_DIST		M2		M3		V2	
0.75000	2.197092	251.398334	6.420094				
594.050984	65.985993	2412.662	6.420094				
1.00000	2.196885	251.409803	6.420094				
594.089280	66.288786	2260.625	6.420094				
COMB DB-G1-2				MIN			
REL_DIST		M2		M3		V2	
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-167.164855	-21.926547	-1523.073	-2.654266				
0.25000	-7.719844	-33.923477	-2.654266				
-167.126134	-24.891789	-1563.622	-2.654266				
0.50000	-7.720089	-33.913315	-2.654266				
-167.092652	-25.064133	-1604.232	-2.654266				
0.75000	-7.720337	-33.903549	-2.654266				
-167.060250	-31.329006	-1644.842	-2.654266				
1.00000	-7.720609	-33.894298	-2.654266				
-167.029180	-34.665903	-1685.452	-2.654266				
COMB DB-G1-3				MAX			
REL_DIST		M2		M3		V2	
0.00000	5.031596	446.545237	7.131144				
558.458356	65.985993	2412.662	7.131144				
0.25000	4.640291	461.604207	7.131144				
558.458356	68.815201	4731.238	7.131144				
0.50000	4.283173	477.309646	7.131144				
579.618865	68.026440	4399.191	7.131144				
0.75000	3.944973	493.385983	7.131144				
602.729987	68.048490	408.7708	7.131144				
1.00000	3.629876	510.373349	7.131144				
625.631908	69.946111	3800.535	7.131144				
COMB DB-G1-3				MIN			
REL_DIST		M2		M3		V2	
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-485.101611	-38.937532	-2074.883	-5.816658				
0.25000	-13.493113	-151.923907	-5.816658				
-409.963144	-60.792953	-2144.255	-5.816658				
0.50000	-13.869390	-136.367221	-5.816658				
-436.169164	-63.168194	-2213.682	-5.816658				
0.75000	-14.252453	-121.463816	-5.816658				
-735.698586	-66.191204	-2283.112	-5.816658				
1.00000	-14.645405	-107.410359	-5.816658				
-358.843392	-70.060034	-2352.628	-5.816658				
COMB DB-G2-1				MAX			
REL_DIST		M2		M3		V2	
0.00000	3.721447	279.121378	1.846674				
11.876049	8.099110	2866.590	1.846674				
0.25000	3.295552	296.625566	1.846674				
11.876049	10.446938	2744.724	1.846674				
0.50000	2.882770	314.786563	1.846674				
11.876049	12.729489	2600.104	1.846674				
0.75000	2.493724	333.367644	1.846674				
604.749332	12.020465	232.8706	1.846674				
1.00000	2.134084	351.914736	1.846674				
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REL_DIST		M2		M3		V2	
0.00000	-7.786753	-168.159352	-5.444047				
-412.395524	-58.585998	-849.961422	-5.444047				
0.25000	-8.213330	-149.904700	-5.444047				
-412.395524	-54.925558	-892.908054	-5.444047				
0.50000	-8.651288	-132.006882	-5.444047				
-412.395524	-52.297345	-935.855119	-5.444047				
0.75000	-9.095491	-114.935394	-5.444047				
-412.395524	-50.726231	-98.865074	-5.444047				
1.00000	-9.534412	-98.947226	-5.444047				
-412.395524	-50.029962	-1021.940	-5.444047				
COMB DB-G2-2				MAX			
REL_DIST		M2		M3		V2	
0.00000	5.023360	467.170769	2.848324				
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Program SAP2000 Nonlinear				Version 7.42			
File:2교부선방향S1-S403.OUT							
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0.50000	4.167467	514.372498	2.848324				
152.325831	24.551768	4375.853	2.848324				
0.75000	3.651648	538.963074	2.848324				
152.325831	27.551421	4098.017	2.848324				
1.00000	3.173433	564.044452	2.848324				
152.325831	30.569340	3821.611	2.848324				
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REL_DIST		M2		M3		V2	
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0.25000	-13.729348	-217.69449	-6.838204				
-604.947332	-80.931132	-1707.087	-6.838204				
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-604.947332	-79.222024	-1728.711	-6.838204				

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-501.563729	-64.577158	-2415.668											0.00000	2.091331	121.903525	6.296468		
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Program	SAP2000	Nonlinear	Version 7.42	0.00000	3.349017	372.150735	10.491212	COMB DL-G2-3	-----	MIN			427.082024	21.892897	374.464978			
File:2교부산방향S1-S403.OUT				804.709561	65.208470	392.471		REL_DIST	M2	P	V2	V3	0.50000	2.078271	122.431015	6.296468		
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FRAME ELEMENT INTERNAL FORCES					804.723028	59.756725	2592.793		0.25000	-22.189102	-131.552554	-10.669892	0.75000	2.072480	122.699022	6.296468		
REL_DIST	P	V2	V3		0.50000	3.348773	372.164968	10.491212	-845.988676	-88.421296	-3377.592		428.863309	12.708774	325.888064			
T	M2	M3			804.737894	55.210548	2236.069		0.50000	-22.809334	-116.956652	-10.669892	1.00000	2.070865	122.991239	6.296468		
0.75000	-15.272086	-88.064907	-4.830512	0.75000	3.348663	372.172527	10.491212	COMB DB-G1-1	-----	MIN			429.921343	9.626476	328.545718			
-439.979910	-69.036022	-2541.963		804.753894	51.763964	1912.874		REL_DIST	M2	P	V2	V3						
1.00000	-15.666241	-74.750187	-4.830512	1.00000	3.348564	372.180287	10.491212	0.00000	-3.555647	-27.263533								
-433.939861	-72.327013	-2605.215		804.770815	49.323796	1647.655		-134.815627	-21.025162	-872.807433	-0.268897							
COMB DB-G2-1	-----	MAX		COMB DL-G1-2	-----	MIN		REL_DIST	M2	P	V2	V3						
REL_DIST	P	V2	V3		REL_DIST	P	V2	V3	0.00000	5.120051	587.605785	7.685937						
T	M2	M3			0.00000	-12.347449	-31.432027	-1.268280	0.25000	5.120051	587.605785		0.50000	-3.568221	-26.717313	-0.268897		
0.00000	3.117590	316.305943	0.336796	-239.181802	-51.806684	-2362.041		652.706910	66.169730	4350.000		0.75000	-25.901306	-630.842460				
68.177674	15.539704	2242.810		0.25000	-12.347626	-31.426776	-1.268280	0.25000	4.618459	607.829463	7.685937	131.853783	-28.425260	-810.309409				
0.25000	2.699583	333.511860	0.336796	-239.161931	-59.261392	-2397.418		0.50000	4.169631	628.749207	7.685937	-1.00000	-3.581614	-26.271672	-0.268897			
68.177674	16.840604	2078.844		0.75000	-12.347810	-31.421817	-1.268280	652.733267	62.455291	3916.843		-130.991441	-31.503431	-790.691194				
0.50000	2.295117	351.321677		-239.142957	-65.227222	-2432.777		0.50000	5.393239	650.062785	7.685937							
68.177674	18.964344	1896.344		0.75000	-12.348000	-31.417122	-1.268280	652.764768	58.839752	3492.476								
0.75000	-15.272086	-88.064907	-4.830512	-239.125131	-72.783471	-2475.401		0.75000	3.839239	650.062785								
68.177674	21.428214	1896.344	0.336796	1.00000	-12.348195	-31.413014	-1.268280	652.787248	58.421074	3094.197								
68.177674	24.408318	1695.178		-239.108668	-81.006463	-2559.481		1.00000	3.913319	616.81230	7.685937							
1.00000	1.886803	387.464680	0.336796	COMB DL-G1-3	-----	MAX		672.220914	58.084115	2722.835								
68.177674	27.391435	1476.162		REL_DIST	M2	P	V2	V3	COMB DB	-----	MIN							
COMB DB-G2-1	-----	MIN		0.00000	6.050753	613.231761	9.854819	REL_DIST	M2	P	V2	V3						
REL_DIST	P	V2	V3		766.457552	80.738145	8519.230	0.00000	-16.235285	-189.459368	-8.166118							
T	M2	M3		0.25000	5.769556	629.881465	9.854819	-661.058963	-17.387715	-2424.042								
0.00000	-8.535410	-133.117031	-6.595954	0.50000	78.843080	4051.370	9.854819	0.25000	-16.725979	-165.635629	-8.166118							
-465.677318	-45.846441	-1021.853		0.50000	5.620458	647.292616	9.854819	-661.058963	-17.230728	-2512.473								
0.25000	-8.954399	-15.561393	-6.595954	779.642099	78.085280	3496.871	9.854819	0.50000	17.230511	-142.935975	-8.166118							
-465.677318	-40.247069	-1090.142		0.75000	5.257942	665.270677	9.854819	-661.058963	-17.422624	-121.389994	-8.166118							
0.50000	-9.385423	-98.473338	-6.595954	802.547760	78.639634	3916.368	9.854819	0.75000	-17.422624	-121.389994	-8.166118							
-465.677318	-35.614763	-1138.434		1.00000	5.034616	683.655870	9.854819	-661.058963	-17.2803176	-2689.732								
0.75000	-9.822640	-82.279469	-6.595954	826.855609	80.486315	2605.196		1.00000	-18.258999	-101.281590	-8.166118							
-465.677318	-31.950160	-1196.826	-6.595954	Program	SAP2000	Nonlinear	Version 7.42	COMB DL	-----	MAX								
1.00000	10.253985	67.200890		File:2교부산방향S1-S403.OUT				REL_DIST	M2	P	V2	V3						
-465.677318	-29.098988	-1255.521		<	MOVING	Page	LOAD	>	0.00000	6.429544	701.890804	10.491212						
COMB DB-G2-2	-----	MAX		FRAME ELEMENT INTERNAL FORCES				0.75000	6.029332	725.160852	10.491212							
REL_DIST	P	V2	V3		COMB DL-G1-3	-----	MIN	804.723028	78.843080	4398.993	10.491212							
T	M2	M3			REL_DIST	M2	P	V2	V3	0.50000	5.716297	749.392060	10.491212					
0.00000	4.540334	527.660224	0.988487	0.00000	-19.556112	-117.518601	-6.686992	804.737894	80.478569	3836.134	10.491212							
221.656188	28.582020	3820.760		-661.251074	-79.980265	-3284.818	-6.686992	0.75000	5.394245	774.333269	10.491212							
0.25000	3.974519	550.450038	0.988487	0.25000	-19.882082	-105.753163	-6.686992	804.753894	85.858074	3317.585	10.491212							
221.656188	32.404137	3480.105		0.50000	-72.406374	-83.345500	-6.686992	1.00000	5.102197	799.740550	10.491212							
0.50000	3.349696	574.023468	0.988487	0.50000	-20.325397	-94.608042	-6.686992	COMB DL	-----	MIN								
221.656188	33.312233	3138.518	0.988487	-593.952561	-87.536657	-3540.352	-6.686992	REL_DIST	M2	P	V2	V3						
0.75000	2.934795	598.040469	0.988487	0.75000	-20.781021	-84.366761	-6.686992	0.00000	-21.590010	-154.682500	-11.405231							
221.656188	40.055864	2807.725		-562.468782	-92.764309	-3673.586	-6.686992	-855.410195	-88.421296	-3377.592	-11.405231							
1.00000	2.685537	622.404948	0.988487	1.00000	-21.245307	-74.777234	-6.686992	0.25000	-22.189102	-137.377612	-11.405231							
221.656188	43.887934	2485.535		-533.569285	-99.051938	-3957.632		-849.897214	-86.146585	-3498.658	-11.405231							
COMB DB-G2-2	-----	MIN		COMB DL-G2-1	-----	MAX		804.709561	60.738145	4942.178	-11.405231							
REL_DIST	P	V2	V3		REL_DIST	M2	P	V2	V3	0.00000	6.029332	725.160852						
T	M2	M3			0.00000	3.999441	359.626493	0.546547	804.723028	78.843080	4398.993	10.491212						
0.00000	-14.301161	-189.459368	-8.166118	91.180842	28.632208	2352.314	0.546547	0.50000	5.716297	749.392060	10.491212							
-661.058963	-72.316733	-1872.126	-8.166118	0.25000	3.692480	379.841840	0.546547	0.75000	5.394245	774.333269	10.491212							
-661.058963	-66.863451	-1961.742		945.458842	34.197820	2123.310		804.753894	85.858074	3317.585	10.491212							
0.50000	-15.422452	-142.935975	-8.166118	0.50000	3.401760	400.838173	0.546547	1.00000	-18.258999	-101.281590	-8.166118							
-661.058963	-62.630097	-2051.358		0.75000	40.283967	1872.707	0.546547	COMB CAR	-----	MAX								
0.75000	-15.990177	-121.389994	-8.166118	0.75000	3.131984	422.401297	0.546547	REL_DIST	M2	P	V2	V3						
-661.058963	-59.918435	-2141.023	-8.166118	1.00000	46.938000	1635.121	0.546547	0.00000	6.429544	701.890804	10.491212							
-661.058963	-16.581967	-101.281590		1.00000	2.867005	444.337973	0.546547	804.709561	60.738145	4942.178	10.491212							
-661.058963	-57.550164	-2231.048		1.00000	54.218088	1418.318		0.25000	6.029332	725.160852	10.491212							
COMB DB-G2-3	-----	MAX		COMB DL-G2-1	-----	MIN		804.723028	78.843080	4398.993	10.491212							
REL_DIST	P	V2	V3		REL_DIST	M2	P	V2	V3	0.50000	5.716297	749.392060	10.491212					
T	M2	M3			0.00000	-11.125233	-104.621964	-9.222277	804.737894	80.478569	3836.134	10.491212						
0.00000	5.120051	587.605785	4.615032	-607.049943	-14.324623	-1425.731	-9.222277	0.75000	5.394245	774.333269	10.491212							
496.679094	50.006138	4350.000		0.25000	-11.646849	-91.710025	-9.222277	804.753894	85.858074	3317.585	10.491212							
0.25000	4.618459	607.829463	4.615032	0.50000	-11.646849	-91.710025	-9.222277	1.00000	-18.258999	-101.281590	-8.166118							
496.679094																		

					0.00000	-23.568168	-76.229798	-6.152350	0.75000	5.719555	914.925393	10.332842																
					660.277672	-111.864458	-5848.704		914.060120	105.293978	1839.828		COMB DB-G1-3															
					MAX								REL_DIST					P	V2	V3								
					COMB DL-G2-1								MIN															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	3.561721	451.217787	0.380290																				
					210.896814	50.208910	1417.514																					
					0.25000	3.290173	472.966827	0.380290																				
					210.896814	56.169199	1245.479																					
					0.50000	3.035379	495.427074	0.380290																				
					210.896814	62.793919	1088.632	0.380290																				
					0.75000	2.941386	518.394580	0.380290																				
					210.896814	70.439369	944.538003	0.380290																				
					1.00000	2.882835	541.682636	0.380290																				
					210.896814	79.016647	813.000591																					
					COMB DL-G2-1								MIN															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	-13.402036	-73.712446	-9.075109																				
					-661.721655	-22.779391	-1935.326																					
					0.25000	-13.953964	-62.670442	-9.075109																				
					-664.787000	-17.366421	-2244.285																					
					0.50000	-14.522205	-52.282881	-9.075109																				
					-667.852345	-13.006357	-2604.338																					
					0.75000	-15.103409	-42.749409	-9.075109																				
					-670.917690	-16.656591	-3012.049																					
					1.00000	-15.692258	-34.188324	-9.075109																				
					-673.983035	-7.734467	-3466.777																					
					Program SAP2000 Nonlinear Version 7.42																							
					File:2교부산방항S1-S403.OUT																							
					<								MOVING								Page	LOAD	>					
													404															
					FRAME ELEMENT INTERNAL FORCES																							
					COMB DL-G2-2								MAX															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	4.920114	751.403839	0.807708																				
					387.089042	80.520650	852.02657																					
					0.25000	4.550311	779.400362	0.807708																				
					387.081542	87.830530	2113.637																					
					0.50000	4.204022	808.339678	0.807708																				
					387.081542	95.706683	1828.354																					
					0.75000	3.941091	837.965259	0.807708																				
					387.081542	46.000395	1590.828																					
					1.00000	3.861601	868.031723	0.807708																				
					387.081542	114.303048	1415.245																					
					COMB DL-G2-2								MIN															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	-21.459509	-112.114125	-11.022687																				
					-905.748020	-53.522468	-3380.272																					
					0.25000	-22.166028	-97.074336	-11.022687																				
					-900.234704	-47.775150	-3863.524																					
					0.50000	-22.991022	-82.964249	-11.022687																				
					-894.721388	-43.088554	-4438.809																					
					0.75000	-23.643714	-70.046807	-11.022687																				
					-889.208071	-39.711013	-5097.205																					
					1.00000	-24.401008	-58.426364	-11.022687																				
					-883.694755	-37.517700	-5836.514																					
					COMB DL-G2-3								MAX															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	6.303321	837.795174	5.827670																				
					747.816855	87.000891	1828.885																					
					0.25000	5.974504	862.743073	5.827670																				
					747.816855	91.763111	2445.638																					
					0.50000	5.666571	888.528466	5.827670																				
					747.816855	97.868677	910.295334																					
					0.75000	5.437186	914.925393	5.827670																				
					747.816855	105.293978	1839.828																					
					1.00000	5.366535	941.713736	5.827670																				
					747.816855	114.222895	1654.806																					
					COMB DL-G2-3								MIN															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	-24.808152	-117.410411	-10.192857																				
					-958.918909	-81.088384	-4130.629																					
					0.25000	-25.437809	-104.037580	-10.192857																				
					-954.335907	-79.118997	-4034.913																					
					0.50000	-26.089167	-93.268411	-10.192857																				
					-949.752905	-78.596976	-5204.493																					
					0.75000	-26.754667	-80.002765	-10.192857																				
					-945.169903	-79.776325	-5908.953																					
					0.00000	-27.429501	-69.668399	-10.192857																				
					-940.586901	-82.660876	-6710.005																					
					COMB DB								MAX															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	4.630129	657.157784	7.811402																				
					702.192884	55.004562	2722.717	7.811402																				
					0.25000	4.249012	677.244759	7.811402																				
					702.192884	50.645519	2240.140	7.811402																				
					0.50000	3.913154	697.857059	7.811402																				
					702.192884	53.330315	1805.458	7.811402																				
					0.75000	3.913131	718.698841	7.811402																				
					702.192884	57.335971	1469.484	7.811402																				
					1.00000	3.913154	739.704718	7.811402																				
					-716.160421	61.964808	1159.507																					
					COMB DB								MIN															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	-17.229125	-128.675247	-8.195113																				
					-724.459089	-66.277176	-2778.676																					
					0.25000	-17.719847	-107.570951	-8.195113																				
					-724.459089	-61.668358	-2880.557																					
					0.50000	-18.222892	-88.970020	-8.195113																				
					-724.459089	-55.098955	-3085.366																					
					0.75000	-18.731929	-71.911590	-8.195113																				
					-724.459089	-53.561891	-3188.258																					
					1.00000	-19.245186	-56.008060	-8.195113																				
					-724.459089	-53.561891	-3188.258																					
					COMB DL-G1-3								MAX															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	6.440118	711.241746	9.541433																				
					884.055011	77.542759	2606.326	9.541433																				
					0.25000	6.181740	723.945198	9.541433																				
					884.271340	75.617440	2198.937																					
					0.50000	5.940531	747.287674	9.541433																				
					889.799471	74.892055	1879.631																					
					0.75000	5.719555	766.100129	9.541433																				
					914.060120	75.613555	1666.825																					
					939.531015	77.893550	1520.033																					
					COMB DL-G1-3								MIN															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	-21.715868	-113.614095	-6.152350																				
					-776.989643	-91.673670	-3958.023																					
					0.25000	-22.160156	-103.088207	-6.152350																				
					-741.963848	-95.035987	-4275.375																					
					0.50000	-22.919257	-93.268411	-6.152350																				
					-708.600414	-92.454971	-4402.712																					
					0.75000	-23.089892	-84.281315	-6.152350																				
					-677.621891	-105.039117	-5237.519																					
					FRAME ELEMENT INTERNAL FORCES																							
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	6.440118	711.241746	9.541433																				
					884.055011	77.542759	2606.326	9.541433																				
					0.25000	6.181740	723.945198	9.541433																				
					884.271340	75.617440	2198.937																					
					0.50000	5.940531	747.287674	9.541433																				
					889.799471	74.892055	1879.631																					
					0.75000	5.719555	766.100129	9.541433																				
					914.060120	75.613555	1666.825																					
					939.531015	77.893550	1520.033																					
					COMB DL-G1-3								MAX															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	6.440118	711.241746	9.541433																				
					884.055011	77.542759	2606.326	9.541433																				
					0.25000	6.181740	723.945198	9.541433																				
					884.271340	75.617440	2198.937																					
					0.50000	5.940531	747.287674	9.541433																				
					889.799471	74.892055	1879.631																					
					0.75000	5.719555	766.100129	9.541433																				
					914.060120	75.613555	1666.825																					
					939.531015	77.893550	1520.033																					
					COMB DL-G1-3								MIN															
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	-21.715868	-113.614095	-6.152350																				
					-776.989643	-91.673670	-3958.023																					
					0.25000	-22.160156	-103.088207	-6.152350																				
					-741.963848	-95.035987	-4275.375																					
					0.50000	-22.919257	-93.268411	-6.152350																				
					-708.600414	-92.454971	-4402.712																					
					0.75000	-23.089892	-84.281315	-6.152350																				
					-677.621891	-105.039117	-5237.519																					
					FRAME ELEMENT INTERNAL FORCES																							
					REL_DIST	T	M2	P	M3	V2	V3																	
					0.00000	6.440118	711.241746	9.541433																				
					884.055011	77.542759	2606.326	9.541433																				
					0.25000	6.181740	723.945198	9.541433																				
					884.271340	75.617440	2198.937																					

0.25000	4.006716	154.227682	5.124553
552.341436	6.055436	533.550846	
0.50000	4.002411	154.574993	5.124553
553.058574	4.285268	428.257542	
0.75000	3.999586	154.930085	5.124553
553.816058	3.608656	429.516399	
1.00000	3.999024	155.290734	5.124553
554.604883	3.581543	434.362079	

COMB DL-G1-1					MIN
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-6.139854	-68.599583		-1.490987	
-307.894330	-65.507926	-1514.913			
0.25000	-6.148317	-68.418734		-1.490987	
-307.084152	-67.911134	-1591.964			
0.50000	-6.157065	-68.252850		-1.490987	
-306.326679	-70.913640	-1683.327			
0.75000	-6.166008	-68.103847		-1.490987	
-305.630544	-74.528933	-1783.869			
1.00000	-6.175110	-67.973594		-1.490987	
-305.001533	-78.623992	-1890.131			

COMB DL-G1-2					MAX
REL_DIST	M2	M3	V2	V3	
T					
0.00000	5.022807	427.095996		6.323466	
843.466345	30.109234	955.436866			
0.25000	5.022697	427.103825		6.323466	
843.502149	27.706800	859.285775			
0.50000	5.022597	427.111909		6.323466	
843.519125	27.521749	837.586189			
0.75000	5.022525	427.120177		6.323466	
843.537048	27.536270	845.830113			
1.00000	5.022512	427.128575		6.323466	
843.555714	27.561786	858.948585			

COMB DL-G1-2					MIN
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-13.493715	-86.545307		-2.082010	
-520.576840	-103.913249	-86.530350			
0.25000	-13.493931	-86.450068		-2.082010	
-520.557723	-105.822647	-3846.265			
0.50000	-13.494115	-86.446180		-2.082010	
-520.539851	-109.915789	-4200.452			
0.75000	-13.494323	-86.442687		-2.082010	
-520.523424	-114.424565	-86.439632		-2.082010	
1.00000	-13.494335	-86.439632			
-520.508578	-119.212357	-4984.296			

COMB DL-G1-3					MAX
REL_DIST	M2	M3	V2	V3	
T					
0.00000	6.856718	808.444795		6.700490	
938.458749	75.676113	1520.204			
0.25000	6.627033	827.586264		6.700490	
941.652800	74.592802	1350.887			
0.50000	6.550502	847.271435		6.700490	
960.848597	75.927893	1257.744			
0.75000	6.519468	867.351449		6.700490	
989.509155	77.809480	1207.770			
1.00000	6.499168	867.672543		6.700490	
1019.411	80.088444	1221.489			
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FRAME ELEMENT INTERNAL FORCES					
COMB DL-G1-3					MIN
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-24.182153	-121.053656		-5.278042	
-859.717936	-105.109160	-5848.148			
0.25000	-24.668394	-112.216790		-5.278042	
-826.339942	-106.538323	-6515.450			
0.50000	-25.169122	-104.122566		-5.278042	
-795.106301	-109.423032	-7270.775			
0.75000	-25.679468	-96.885101		-5.278042	
-785.014516	-113.258244	-8091.435			
1.00000	-26.197287	-90.604529		-5.278042	
-779.695036	-117.861553	-8954.791			

COMB DL-G2-1					MAX
REL_DIST	M2	M3	V2	V3	
T					
0.00000	3.284771	573.202149		1.556763	
362.807822	74.369864	812.692243			
0.25000	3.203110	597.043766		1.556763	
362.807822	77.656355	700.474550			
0.50000	3.192576	621.432373		1.556763	
362.807822	81.723968	600.266443			
0.75000	3.171724	646.195046		1.556763	
362.807822	84.567822	547.391633			
1.00000	3.166527	671.134676		1.556763	
362.547559	90.971663	555.698766			

COMB DL-G2-1					MIN
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-16.675585	-40.072103		-5.459198	
-630.406124	-6.129308	-3467.715			
0.25000	-17.289299	-31.546841		-5.459198	
-633.471663	-3.716415	-4026.664			
0.50000	-17.818038	-23.770828		-5.459198	
-636.537202	-2.971452	-4631.789			
0.75000	-18.565006	-16.894469		-5.459198	
-639.602741	-3.190402	-5283.826			
1.00000	-19.200353	-15.931369		-5.459198	
-642.407950	-3.428509	-5984.246			

COMB DL-G2-2					MAX
REL_DIST	M2	M3	V2	V3	
T					
0.00000	4.2707310	924.707834		2.132061	
568.190260	110.400760	1414.937			
0.25000	4.244176	955.242600		2.132061	
568.190260	113.568278	1205.279			
0.50000	4.184635	986.542630		2.132061	
568.190260	117.411823	1064.272			
0.75000	4.147697	1018.187		2.132061	
568.670960	121.925405	990.781094			
1.00000	4.132436	1050.490		2.132061	
571.413320	127.024656	1005.440			

COMB DL-G2-2					MIN
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-25.999137	-67.272704		-6.809636	
-853.862426	-35.902582	-5837.543			
0.25000	-26.771612	-55.264209		-6.809636	
-848.348761	-32.754405	-6713.308			
0.50000	-27.574652	-44.295405		-6.809636	
-842.835095	-30.701109	-7664.221			
0.75000	-28.390199	-34.94652		-6.809636	
-837.802130	-29.806849	-8693.816			
1.00000	-29.216884	-30.025893		-6.809636	

-835.030766	-29.851530	-9789.016			
COMB DL-G2-3					MAX
REL_DIST	M2	M3	V2	V3	
T					
0.00000	6.209207	995.362088		5.085427	
895.780580	110.626787	1654.683			
0.25000	6.135693	1022.576		5.085427	
894.8190580	113.490580	1044.084			
0.50000	6.082916	1050.470		5.085427	
895.780580	116.984977	1316.818			
0.75000	6.050353	1078.834		5.085427	
896.086356	121.075555	1256.382			
0.00000	6.037050	1107.454		5.085427	
898.302897	125.706583	1274.793			
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COMB DL-G2-3					MIN
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-28.874982	-95.185789		-7.037561	
-998.912898	-78.671302	-6710.466			
0.25000	-29.572481	-84.521344		-7.037561	
-994.329605	-77.593103	-7621.567			
0.50000	-30.288263	-74.780721		-7.037561	
-989.746313	-77.648622	-8618.993			
0.75000	-31.015143	-66.167559		-7.037561	
-985.468797	-79.332400	-9694.297			
1.00000	-31.751925	-62.211950		-7.037561	
-983.102074	-82.165931	-10830.051			

COMB DL-G2-3					MIN
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-28.874982	-95.185789		-7.037561	
-998.912898	-78.671302	-6710.466			
0.25000	-29.572481	-84.521344		-7.037561	
-994.329605	-77.593103	-7621.567			
0.50000	-30.288263	-74.780721		-7.037561	
-989.746313	-77.648622	-8618.993			
0.75000	-31.015143	-66.167559		-7.037561	
-985.468797	-79.332400	-9694.297			
1.00000	-31.751925	-62.211950		-7.037561	
-983.102074	-82.165931	-10830.051			

COMB DB					MAX
REL_DIST	M2	M3	V2	V3	
T					
0.00000	4.397196	732.431764		6.468448	
237.234049	61.254915	1159.193			
0.25000	4.397196	752.618999		6.468448	
238.093235	62.828541	928.056735			
0.50000	4.397196	773.422678		6.468448	
238.986335	64.397196	773.055050			
0.75000	4.397196	952.913218		6.468448	
240.932666	67.032414	977.779523			
1.00000	4.397196	813.649325		6.468448	
240.932666	69.890669	1002.646			

COMB DB					MIN
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-18.740851	-101.586866		-6.747059	
-752.337126	-64.805090	-3188.091			
0.25000	-19.259644	-87.613459		-6.747059	
-752.337126	-64.339622	-3907.794			
0.50000	-19.786366	-77.448581		-6.747059	
-752.337126	-64.763401	-3428.337			
0.75000	-20.313748	-70.150656		-6.747059	
-752.337126	-66.336366	-3886.865			
1.00000	-20.893239	-67.054259		-6.747059	
-752.337126	-69.388849	-4534.638			

COMB	DL	MAX		
REL_DIST	P	M2	M3	V3
T				
0.00000	6.856718	995.362088		6.700490
938.458749	110.626787	1654.683		
0.25000	6.627033	1022.576		6.700490
941.652800	113.568278	1444.084		
0.50000	6.550502	1050.470		6.700490
960.848597	117.411823	1316.818		
0.75000	6.519468	1078.834		6.700490
989.509155	121.925405	1256.382		
1.00000	6.499168	1107.454		6.700490
1018.411	127.024656	1274.793		

798.585773	73.251356	1121.474		
0.50000	22.752827	155.633769	5.654856	
810.850470	71.005027	1120.706		
0.75000	22.232003	164.366865	5.654856	
841.749791	71.783921	1185.310		
1.00000	21.729322	173.831630	5.654856	
874.399012	73.769973	1321.069		
COMB DL-G1-3-----MIN				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	-6.254409	-856.602742	-7.333973	
-1025.730	-106.816744	-8954.700		
0.25000	-6.268972	-835.693114	-7.333973	
-955.650217	-103.434183	-8140.797		
0.50000	-6.468554	-815.148576	-7.333973	
-967.244972	-101.060025	-7402.903		
0.75000	-6.699872	-795.139237	-7.333973	
-950.676650	-100.292969	-6739.157		
1.00000	-6.951473	-775.758585	-7.333973	
-947.660666	-100.656666	-6144.603		
COMB DL-G2-1-----MAX				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	16.289711	48.148495	5.483521	
599.155214	80.071883	555.640013		
0.25000	15.622370	44.810898	5.483521	
596.362050	76.462946	513.628474		
0.50000	14.964275	49.378289	5.483521	
593.906980	73.463616	579.291031		
0.75000	14.320777	58.065622	5.483521	
590.231730	71.174841	674.736922		
1.00000	13.694056	67.530985	5.483521	
587.166570	69.453037	781.962779		
COMB DL-G2-1-----MIN				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	-0.773142	-661.017676	-1.433946	
-416.490819	-2.229059	-5984.424		
0.25000	-0.781116	-635.294136	-1.433946	
-416.762747	-2.672973	-98.711753		
0.50000	-0.807859	-609.876592	-1.433946	
-416.762747	-4.873210	-4681.022		
0.75000	-1.008951	-584.955508	-1.433946	
-416.762747	-8.037197	-4110.380		
1.00000	-1.272000	-560.722023	-1.433946	
-416.762747	-11.871709	-68.958616		
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COMB DL-G2-2-----MAX				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	25.627188	88.117410	7.245566	
781.362357	117.103748	1595.353		
0.25000	24.792625	98.711753	7.245566	
784.217844	112.046267	925.143177		
0.50000	23.922867	93.946661	7.245566	
789.298813	107.952555	997.079888		
0.75000	23.095151	106.035681	7.245566	
794.811796	104.637945	1137.271		
1.00000	22.120058	112.127325	7.245566	
800.324779	101.924755	1338.150		
COMB DL-G2-2-----MIN				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	-1.551843	-1032.698	-2.510567	
-642.250471	-30.641381	-979.216		
0.25000	-1.566456	-999.602223	-2.510567	
-639.572914	-31.162168	-8725.981		
0.50000	-1.668827	-966.955544	-2.510567	
-339.140900	-33.050530	-7745.614		
0.75000	-1.995990	-935.685953	-2.510567	
-639.140900	-36.258259	-6852.716		
1.00000	-2.354914	-904.038680	-2.510567	
-639.140900	-40.479970	-6036.441		
COMB DL-G2-3-----MAX				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	28.244579	125.078418	7.487168	
958.778442	116.731394	1274.736		
0.25000	27.479265	125.598822	7.487168	
961.199399	111.785265	1164.849		
0.50000	26.725807	130.124253	7.487168	
965.511577	107.763254	1192.634		
0.75000	25.988245	104.865164	7.487168	
970.094302	104.501180	1301.591		
974.677027	102.092543	1486.950		
COMB DL-G2-3-----MIN				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	-4.398119	-1076.515	-5.641346	
-946.002015	-77.144944	-10830.128		
0.25000	-4.410987	-1047.023	-5.641346	
-943.840183	-75.239585	-9728.240		
0.50000	-4.496387	-1017.939	-5.641346	
-943.569636	-74.612351	-8704.471		
0.75000	-4.789031	-989.510545	-5.641346	
-943.569636	-75.285588	-1077.252		
1.00000	-5.108113	-961.853351	-5.641346	
-943.569636	-77.299419	-6941.069		
COMB DB-----MAX				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	20.601224	88.353058	6.578190	
756.939681	183.971212	100.73765		
0.25000	19.936865	88.353058	6.578190	
756.939681	64.253966	901.740266		
0.50000	19.359878	88.353058	6.578190	
756.939681	62.647792	80.877285		
0.75000	18.734056	92.722045	6.578190	
756.939681	61.77043	100.73765		
1.00000	18.124661	107.978139	6.578190	
756.939681	60.310591	1324.207		
COMB DB-----MIN				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	-4.103307	-789.409773	-6.887424	
-788.645590	-65.027477	-4535.012		
0.25000	-4.103307	-766.93173	-6.887424	
-754.748183	-65.237872	-4367.235		
0.50000	-4.103307	-744.366111	-6.887424	
-749.336420	-66.545540	-4200.271		
0.75000	-4.287736	-721.795672	-6.887424	
-749.336420	-68.741070	-4003.812		
1.00000	-4.690385	-699.510043	-6.887424	
-749.336420	-71.704894	-3867.714		

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COMB DL-----MAX				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	28.244579	146.792625	7.487168	
958.778442	117.103748	1274.736		
0.25000	27.479265	147.746447	7.487168	
961.199399	112.046267	1164.849		
0.50000	26.725807	155.633769	7.487168	
965.511577	107.955255	1192.634		
0.75000	25.988245	164.366865	7.487168	
970.094302	104.637945	1301.591		
1.00000	25.272705	173.831630	7.487168	
974.677027	102.092543	1486.950		
COMB DL-----MIN				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	-6.431893	-1076.515	-7.333973	
-1025.730	-109.670012	-10830.128		
0.25000	-6.431951	-1047.023	-7.333973	
-955.650217	-104.410281	-9728.240		
0.50000	-6.468554	-1017.938	-7.333973	
-967.244972	-101.060025	-8704.471		
0.75000	-6.699872	-989.510545	-7.333973	
-950.676650	-100.292969	-7778.252		
1.00000	-6.951473	-961.853351	-7.333973	
-947.660666	-100.656666	-6941.069		
COMB CAR-----MAX				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	28.244579	146.792625	7.487168	
958.778442	117.103748	1274.736		
0.25000	27.479265	147.746447	7.487168	
961.199399	112.046267	1164.849		
0.50000	26.725807	155.633769	7.487168	
965.511577	107.955255	1192.634		
0.75000	25.988245	164.366865	7.487168	
970.094302	104.637945	1301.591		
1.00000	25.272705	173.831630	7.487168	
974.677027	102.092543	1486.950		
COMB CAR-----MIN				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	-6.431893	-1076.515	-7.333973	
-1025.730	-109.670012	-10830.128		
0.25000	-6.431951	-1047.023	-7.333973	
-955.650217	-104.410281	-9728.240		
0.50000	-6.468554	-1017.938	-7.333973	
-967.244972	-101.060025	-8704.471		
0.75000	-6.699872	-989.510545	-7.333973	
-950.676650	-100.292969	-7778.252		
1.00000	-6.951473	-961.853351	-7.333973	
-947.660666	-100.656666	-6941.069		
COMB DESIGN-----MAX				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	28.244579	146.792625	7.487168	
958.778442	117.103748	1274.736		
0.25000	27.479265	147.746447	7.487168	
961.199399	112.046267	1164.849		
0.50000	26.725807	155.633769	7.487168	
965.511577	107.955255	1192.634		
0.75000	25.988245	164.366865	7.487168	
970.094302	104.637945	1301.591		
1.00000	25.272705	173.831630	7.487168	
974.677027	102.092543	1486.950		
COMB DESIGN-----MIN				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	-6.431893	-1076.515	-7.333973	
-1025.730	-109.670012	-10830.128		
0.25000	-6.431951	-1047.023	-7.333973	
-955.650217	-104.410281	-9728.240		
0.50000	-6.468554	-1017.938	-7.333973	
-967.244972	-101.060025	-8704.471		
0.75000	-6.699872	-989.510545	-7.333973	
-950.676650	-100.292969	-7778.252		
1.00000	-6.951473	-961.853351	-7.333973	
-947.660666	-100.656666	-6941.069		
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MOVING 417 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				
ELEM 57-----LENGTH = 5.036164				
COMB DB-G1-1-----MAX				
REL_DIST	M2	P	V2	V3
T	M3			
0.00000	3.863107	29.029891	0.183339	
140.464959	13.374425	208.755709		
0.25000	3.854458	29.668827	0.183339	
141.324415	17.602372	262.662625		
0.50000	3.846384	29.516088	0.183339	
142.215744	22.749732	357.513650		

0.50000	19.451623	138.559330	10.931305
844.942267	82.903997	1697.523	
0.75000	18.694766	150.43401	10.931305
850.455254	76.658887	191.7832	
1.00000	17.967256	170.488545	10.931305
855.968712	70.913232	2203.731	
COMB DL-G2-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.344216	-847.016233	-1.412903
-470.241779	-39.886798	-6035.787	
0.25000	-2.720824	-816.577340	-1.412903
-470.241779	-43.842906	-5356.080	-1.412903
0.50000	-3.134942	-786.776301	
-470.241779	-49.028047	-4749.894	
0.75000	-3.582992	-757.821642	-1.412903
-470.241779	-55.317362	-4215.880	
1.00000	-4.060407	-729.858497	-1.412903
-470.241779	-62.430633	-3753.997	
COMB DL-G2-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	24.107132	136.976757	10.931305
924.103092	97.751168	1486.916	
0.25000	23.395258	148.519542	10.931305
928.686212	91.301222	1660.061	
0.50000	22.699679	161.221913	10.931305
933.269948	86.335468	1692.051	
0.75000	22.025369	174.989177	10.931305
937.852451	83.984519	2186.451	
1.00000	21.376883	189.626708	10.931305
942.435571	82.430873	2523.653	
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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	-4.857879	-910.70121	-6.349764
-808.145441	-74.149421	-6940.630	
0.25000	-5.193172	-883.450286	-6.349764
-808.145441	-73.711493	-6215.412	
0.50000	-5.561884	-856.895593	-6.349764
-808.145441	-75.064551	-5578.970	
0.75000	-5.960702	-831.093868	-6.349764
-808.145441	-77.887875	-5030.276	
1.00000	-6.385682	-806.174154	-6.349764
-808.145441	-81.815887	-4567.572	
COMB DB ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	17.983013	82.615415	8.174592
728.475299	57.966652	1324.783	
0.25000	17.312069	100.485228	8.174592
728.475299	54.725772	1713.141	
0.50000	16.644560	119.593314	8.174592
728.475299	53.160538	2139.223	
0.75000	15.981623	140.195432	8.174592
728.475299	55.707718	2580.381	
1.00000	15.329856	162.709495	8.174592
728.475299	61.063720	3020.445	
COMB DB ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.504750	-700.429936	-8.086929
-722.938424	-68.013722	-3867.922	
0.25000	-4.889201	-677.440496	-8.086929
-717.263872	-68.124050	-3717.125	
0.50000	-5.293561	-654.642550	-8.086929
-717.263872	-68.783752	-3567.016	
0.75000	-5.725516	-632.092511	-8.086929
-717.263872	-72.239629	-3417.521	
1.00000	-6.210501	-610.054861	-8.086929
-717.263872	-76.755209	-3268.102	
COMB DL ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	24.107132	136.976757	10.931305
924.103092	97.751168	1486.916	
0.25000	23.395258	148.519542	10.931305
928.686212	91.301222	1660.061	
0.50000	22.699679	161.221913	10.931305
933.269948	86.335468	1692.051	
0.75000	22.025369	174.989177	10.931305
937.852451	83.984519	2186.451	
1.00000	21.376883	189.626708	10.931305
942.435571	82.430873	2523.653	
COMB DL ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.239748	-910.570121	-10.489947
-954.149325	-94.421186	-6940.630	
0.25000	-6.488218	-883.450286	-10.489947
-929.473970	-90.288656	-6215.412	
0.50000	-6.762106	-856.895593	-10.489947
-906.256594	-87.447640	-5578.970	
0.75000	-7.058927	-831.093868	-10.489947
-903.993431	-85.669196	-5030.276	
1.00000	-7.375899	-806.174154	-10.489947
-903.742810	-84.717225	-4567.572	
COMB CAR ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	24.107132	136.976757	10.931305
924.103092	97.751168	1486.916	
0.25000	23.395258	148.519542	10.931305
928.686212	91.301222	1660.061	
0.50000	22.699679	161.221913	10.931305
933.269948	86.335468	1692.051	
0.75000	22.025369	174.989177	10.931305
937.852451	83.984519	2580.381	
1.00000	21.376883	189.626708	10.931305
942.435571	82.430873	3020.445	
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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	-6.239748	-910.570121	-10.489947
-954.149325	-94.421186	-6940.630	
0.25000	-6.488218	-883.450286	-10.489947
-929.473970	-90.288656	-6215.412	
0.50000	-6.762106	-856.895593	-10.489947
-906.256594	-87.447640	-5578.970	
0.75000	-7.058927	-831.093868	-10.489947
-903.993431	-85.669196	-5030.276	
1.00000	-7.375899	-806.174154	-10.489947
-903.742810	-84.717225	-4567.572	
COMB DB ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.697062	116.815977	4.876378
423.060489	56.507944	2584.775	
0.25000	13.185207	131.350560	4.876378
424.254734	58.968707	2864.731	
0.50000	12.695119	146.717265	4.876378
471.918958	62.212433	3164.099	
0.75000	12.210896	162.775309	4.876378
504.096278	66.369980	3482.753	
1.00000	11.737713	180.028284	4.876378
549.000928	71.130423	3807.307	
COMB DB-G1-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.767178	-514.931872	-7.711715
-664.530976	-64.757039	-3058.466	
0.25000	-6.203248	-497.475122	-7.711715
-643.181296	-64.414433	-2951.034	
0.50000	-6.661628	-480.818400	-7.711715
-627.588973	-64.570360	-2843.919	
0.75000	-7.138544	-464.378283	-7.711715
-627.588973	-65.263376	-2736.804	
1.00000	-7.645589	-448.349141	-7.711715
-627.588973	-66.569289	-2629.863	
COMB DB-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.360336	80.808866	6.507843
444.702557	26.354416	1626.899	
0.25000	7.764155	97.703205	6.507843

0.25000	-6.488218	-883.450286	-10.489947
-929.473970	-90.288656	-6215.412	
0.50000	-6.762106	-856.895593	-10.489947
-906.256594	-87.447640	-5578.970	
0.75000	-7.058927	-831.093868	-10.489947
-903.993431	-85.669196	-5030.276	
1.00000	-7.375899	-806.174154	-10.489947
-903.742810	-84.717225	-4567.572	
COMB DESIGN ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	24.107132	136.976757	10.931305
924.103092	97.751168	1486.916	
0.25000	23.395258	148.519542	10.931305
928.686212	91.301222	1713.141	
0.50000	22.699679	161.221913	10.931305
933.269948	86.335468	2139.223	
0.75000	22.025369	174.989177	10.931305
937.852451	83.984519	2580.381	
1.00000	21.376883	189.626708	10.931305
942.435571	82.430873	3020.445	
COMB DESIGN ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.239748	-910.570121	-10.489947
-954.149325	-94.421186	-6940.630	
0.25000	-6.488218	-883.450286	-10.489947
-929.473970	-90.288656	-6215.412	
0.50000	-6.762106	-856.895593	-10.489947
-906.256594	-87.447640	-5578.970	
0.75000	-7.058927	-831.093868	-10.489947
-903.993431	-85.669196	-5030.276	
1.00000	-7.375899	-806.174154	-10.489947
-903.742810	-84.717225	-4567.572	
ELEM 58 ----- LENGTH = 5.035630			
COMB DB-G1-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.910669	30.344688	0.267847
58.592407	32.087273	573.143312	
0.25000	3.901723	30.599345	0.267847
59.390657	35.728570	662.654053	
0.50000	3.893434	30.868559	0.267847
60.233693	40.241828	758.868270	
0.75000	3.885233	31.150113	0.267847
61.118439	45.591217	860.969915	
1.00000	3.877203	31.462534	0.267847
62.145744	51.612968	966.778899	
COMB DB-G1-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.271019	-99.142135	-6.132874
-397.155399	-18.608065	-1019.894	
0.25000	-3.278451	-98.827186	-6.132874
-396.158830	-16.524880	-1003.390	
0.50000	-3.286271	-98.536930	-6.132874
-395.318998	-14.388814	-987.112051	
0.75000	-3.294414	-98.249788	-6.132874
-394.489298	-12.308477	-970.936784	
1.00000	-3.303324	-97.968824	-6.132874
-393.699894	-10.318426	-954.862940	
COMB DB-G1-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.574012	58.429828	1.009633
223.878278	45.840397	1445.695	
0.25000	7.573681	58.439262	1.009633
223.907878	50.148622	1592.698	
0.50000	7.573374	58.449236	1.009633
223.939139	55.560512	1782.223	
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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	
0.75000	7.573070	58.459667	1.009633
223.971947	61.875347	2014.309	
1.00000	7.572773	58.471244	1.009633
224.010045	68.858005	2274.190	
COMB DB-G1-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.336295	-245.807130	-8.072148
-644.543093	-40.49385	-2084.066	
0.25000	-4.336570	-245.795460	-8.072148
-644.506088	-37.183248	-2031.039	
0.50000	-4.336860	-245.784707	-8.072148
-644.474945	-33.758448	-1978.418	
0.75000	-4.337161	-245.774069	-8.072148
-644.444176	-30.466050	-1925.373	
1.00000	-4.337491	-245.763660	-8.072148
-644.414683	-27.253409	-1873.257	
COMB DB-G1-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.697062	116.915977	4.876378
223.060489	56.507944	2584.775	
0.25000	13.185207	131.350560	4.876378
224.254734	58.866707	2864.731	
0.50000	12.695119	146.717265	4.876378
225.918958	62.212433	3164.099	
0.75000	12.210096	162.775309	4.876378
226.9049278	66.369980	3482.753	
1.00000	11.737719	180.028284	4.876378
229.009928	71.130423	3807.307	
COMB DB-G1-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.767178	-514.931872	-7.711715
-654.530976	-46.757039	-3058.466	
0.25000	-6.203248	-497.475122	-7.711715
-643.181296	-44.414433	-2951.034	
0.50000	-6.661628	-480.818400	-7.711715
-627.588973	-64.570360	-2843.919	
0.75000	-7.138546	-464.378230	-7.711715
-627.588973	-65.263376	-2736.804	
1.00000	-7.645589	-448.39411	-7.711715
-627.588973	-66.569289	-2629.863	
COMB DB-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	8.360336	80.808866	6.507843
444.702557	26.354416	1628.899	
0.25000	7.764155	97.703205	6.507843

638.466991	62.212433	3664.880			
0.75000	13.089406	197.990752	8.447158		
638.466991	66.369980	4005.642			
1.00000	12.424041	220.721134	8.447158		
638.466991	71.130423	4347.078			
COMB DB ----- MIN					
REL_DIST	M2	P	V2	V3	
0.00000	-5.767178	-618.356546	-8.072148		
-664.530976	-72.272122	-3268.164			
0.25000	-60.232448	-595.263244	-8.072148		
-644.506088	-74.645365	-3131.477			
0.50000	-6.661628	-572.453904	-8.072148		
-644.474945	-78.019765	-2995.036			
0.75000	-7.289117	-549.990465	-8.072148		
-644.444176	-82.382660	-2858.596			
1.00000	-7.977892	-528.165831	-8.072148		
-644.414683	-87.290200	-2722.423			
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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	M2	P	V2	V3	
0.00000	20.382871	173.853696	11.288598		
795.972220	77.718954	2523.464			
0.25000	19.732648	187.541170	11.288598		
800.554877	74.494753	2823.275			
0.50000	19.101131	202.453962	11.288598		
805.137534	75.083918	3176.7113			
0.75000	18.492319	218.422212	11.288598		
809.720192	78.243923	3661.261			
1.00000	17.912041	235.249689	11.288598		
814.302849	82.050390	4140.737			
COMB DL ----- MIN					
REL_DIST	M2	P	V2	V3	
0.00000	-7.7110753	-770.779505	-10.637194		
-831.001032	-78.201418	-4566.834			
0.25000	-7.412186	-745.645778	-10.637194		
-808.232068	-78.683741	-4209.175			
0.50000	-7.740469	-721.037187	-10.637194		
-786.508613	-81.815864	-3944.677			
0.75000	-8.092481	-697.179175	-10.637194		
-774.165043	-86.010425	-3861.984			
1.00000	-8.464729	-674.260260	-10.637194		
-774.122975	-91.035312	-3812.057			
COMB CAR ----- MAX					
REL_DIST	M2	P	V2	V3	
0.00000	20.382871	173.853696	11.288598		
795.972220	77.718954	3020.514			
0.25000	19.732648	187.541170	11.288598		
800.554877	74.494753	3336.865			
0.50000	19.101131	202.453962	11.288598		
805.137534	75.083918	3664.880			
0.75000	18.492319	218.422212			
809.720192	78.243923	4005.642			
1.00000	17.912041	235.249689	11.288598		
814.302849	82.050390	4347.078			
COMB CAR ----- MIN					
REL_DIST	M2	P	V2	V3	
0.00000	-7.7110753	-770.779505	-10.637194		
-831.001032	-78.201418	-4566.834			
0.25000	-7.412186	-745.645778	-10.637194		
-808.232068	-78.683741	-4209.175			
0.50000	-7.740469	-721.037187	-10.637194		
-786.508613	-81.815864	-3944.677			
0.75000	-8.092481	-697.179175	-10.637194		
-774.165043	-86.010425	-3861.984			
1.00000	-8.464729	-674.260260	-10.637194		
-774.122975	-91.035312	-3812.057			
COMB DESIGN ----- MAX					
REL_DIST	M2	P	V2	V3	
0.00000	20.382871	173.853696	11.288598		
795.972220	77.718954	3020.514			
0.25000	19.732648	187.541170	11.288598		
800.554877	74.494753	3336.865			
0.50000	19.101131	202.453962	11.288598		
805.137534	75.083918	3664.880			
0.75000	18.492319	218.422212			
809.720192	78.243923	4005.642			
1.00000	17.912041	235.249689	11.288598		
814.302849	82.050390	4347.078			
COMB DESIGN ----- MIN					
REL_DIST	M2	P	V2	V3	
0.00000	-7.7110753	-770.779505	-10.637194		
-831.001032	-78.201418	-4566.834			
0.25000	-7.412186	-745.645778	-10.637194		
-808.232068	-78.683741	-4209.175			
0.50000	-7.740469	-721.037187	-10.637194		
-786.508613	-81.815864	-3944.677			
0.75000	-8.092481	-697.179175	-10.637194		
-774.165043	-86.010425	-3861.984			
1.00000	-8.464729	-674.260260	-10.637194		
-774.122975	-91.035312	-3812.057			
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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	59				LENGTH = 5.036229
COMB DB-G1-1 ----- MAX					
REL_DIST	M2	P	V2	V3	
0.00000	3.888957	31.229709	1.558786		
44.235362	47.239910	965.913625			
0.25000	3.879584	31.493545	1.558786		
45.023171	47.039564	965.913625			
0.50000	3.797044	31.71638	1.558786		
45.872477	52.008915	1100.457			
0.75000	3.862487	32.061193	1.558786		
46.752468	55.001065	1175.458			
1.00000	3.854310	32.383122	1.558786		
47.781327	60.443006	1253.758			
COMB DB-G1-1 ----- MIN					
REL_DIST	M2	P	V2	V3	
0.00000	12.789843	189.489342	7.806567		
533.263443	50.156320	4347.193			
0.25000	12.054555	209.709116	7.806567		
533.263443	49.296102	4569.304			

-325.406003	-3.458574	-80.936720	-5.581339		
0.25000	-3.466496	-80.611117	-5.581339		
-324.374726	-7.302238	-922.993016			
0.50000	-3.474765	-80.312328	-5.581339		
-323.514917	-5.785787	-891.240410			
0.75000	-3.483318	-80.019522	-5.581339		
-322.700403	-4.325459	-859.489060			
1.00000	-3.492655	-79.736223	-5.581339		
-321.924577	-2.956697	-827.739010			
COMB DB-G1-2 ----- MAX					
REL_DIST	M2	P	V2	V3	
0.00000	6.963053	72.704839	2.541459		
198.084448	63.520529	2273.040			
0.25000	6.962705	72.714614	2.541459		
198.113984	65.371351	2366.891			
0.50000	6.962385	72.724917	2.541459		
198.145165	68.519175	2498.035			
0.75000	6.962072	72.735644	2.541459		
198.177800	72.899085	2669.882			
1.00000	6.961769	72.747573	2.541459		
198.215959	78.172688	2870.324			
COMB DB-G1-2 ----- MIN					
REL_DIST	M2	P	V2	V3	
0.00000	-5.054584	-204.650856	-7.289376		
-555.012808	-25.044740	-1873.094			
0.25000	-5.054879	-204.636791	-7.289376		
-554.974569	-22.282541	-1802.105			
0.50000	-5.055184	-204.627721	-7.289376		
-554.942633	-19.615749	-1731.171			
0.75000	-5.055501	-204.616873	-7.289376		
-554.912425	-17.026764	-1660.128			
1.00000	-5.055847	-204.606378	-7.289376		
-554.883650	-14.555550	-1589.139			
COMB DB-G1-3 ----- MAX					
REL_DIST	M2	P	V2	V3	
0.00000	12.010368	156.637930	5.967757		
353.429685	65.662126	3806.573			
0.25000	11.472985	171.586033	5.967757		
384.845124	66.228121	4003.647			
0.50000	10.961306	187.388842	5.967757		
416.476500	68.171564	4214.498			
0.75000	10.460455	203.871969	5.967757		
454.865547	71.420611	4441.935			
1.00000	9.976183	221.602183	5.967757		
498.526631	75.497733	4674.632			
COMB DB-G1-3 ----- MIN					
REL_DIST	M2	P	V2	V3	
0.00000	-7.508410	-448.977328	-7.848986		
-604.489521	-60.117410	-2629.744			
0.25000	-7.974162	-431.012002	-7.848986		
-574.885658	-59.371533	-2516.388			
0.50000	-8.461493	-413.941786	-7.848986		
-552.435927	-59.060852	-2403.032			
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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	M2	P	V2	V3	
0.75000	-8.656574	-397.219013	-7.848986		
-549.013239	-89.400571	-2289.731			
1.00000	-9.499886	-381.059128	-7.848986		
-549.013239	-60.670284	-2176.527			
COMB DB-G2-1 ----- MAX					
REL_DIST	M2	P	V2	V3	
0.00000	6.806796	117.220969	5.914295		
366.442418	15.391268	2233.113			
0.25000	6.178288	134.402255	5.914295		
366.442418	13.518106	2373.549			
0.50000	5.551235	152.641822	5.914295		
366.442418	11.654943	2489.322			
0.75000	4.937432	171.718325	5.914295		
366.442418	9.813460	2579.981			
1.00000	4.343994	191.188527	5.914295		
366.442418	7.995385	2646.098			
COMB DB-G2-1 ----- MIN					
REL_DIST	M2	P	V2	V3	
0.00000	-4.083486	-328.322228	-1.457331		
-50.395262	-54.531071	-1158.328			
0.25000	-4.648054	-308.534430	-1.457331		
-50.395262	-56.594686	-1094.665			
0.50000	-5.241665	-288.670496	-1.457331		
-50.395262	-59.774879	-1031.001			
0.75000	-5.855574	-269.221432	-1.457331		
-50.395262	-64.001463	-967.370413			
1.00000	-6.478425	-250.481484	-1.457331		
-50.395262	-68.944268	-903.894432			
COMB DB-G2-2 ----- MAX					
REL_DIST	M2	P	V2	V3	
0.00000	11.056885	181.418055	7.816543		
542.171780	26.167131	3812.308			
0.25000	10.223892	204.204881	7.816543		
542.171780	23.932884	4005.647			
0.50000	9.415992	228.357811	7.816543		
542.171780	21.339204	4193.163			
0.75000	8.620610	253.591933	7.816543		
542.171780	17.596622	4378.948			
1.00000	7.651822	279.863462	7.816543		
551.204946	16.182352	4552.933			
COMB DB-G2-2 ----- MIN					
REL_DIST	M2	P	V2	V3	
0.00000	-5.987770	-518.226884	-2.574565		
-215.555820	-7.774493	-2113.129			
0.25000	-6.722953	-491.556875	-2.574565		
-215.555820	-7.7931359	-2004.499			
0.50000	-8.202627	-1895.868	-2.574565		
-215.555820	-8.2343287	-1895.868			
0.75000	-8.290287	-439.651262	-2.574565		
-215.555820	-8.6739915	-1787.295			
1.00000	-9.112152	-414.863132	-2.574565		
-215.555820	-9.1989812	-1678.907			
COMB DB-G2-3 ----- MAX					
REL_DIST	M2	P	V2	V3	
0.00000	12.789843	189.489342	7.806567		
542.171780	50.158020	4378.948			
0.25000	12.054555	209.709116	7.806567		
542.171780	49.296102	4569.304			

0.75000	15.729745	264.488911	9.744686
642.142972	83.470530	5231.979	
1.00000	15.202557	263.096621	9.744686
642.436677	87.836477	5552.999	
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FRAME ELEMENT INTERNAL FORCES			
COMB	CAR	MIN	
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-8.462982	-651.255796	-9.368201
-689.849500	-86.048652	-3812.039	
0.25000	-6.819496	-627.331488	-9.368201
-685.747566	-87.856459	-3772.736	
0.50000	-9.202885	-603.959741	-9.368201
-642.889762	-90.670120	-3733.256	
0.75000	-9.680951	-581.392171	-9.368201
-624.138452	-95.751720	-3693.616	
1.00000	-10.399145	-559.898341	-9.368201
-624.124914	-101.949516	-3654.134	
COMB DESIGN MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	17.466059	214.423040	9.744686
628.393433	77.107913	4347.193	
0.25000	16.877870	229.29215	9.744686
632.976612	78.000765	4569.304	
0.50000	16.290219	246.68948	9.744686
637.559792	80.095084	4683.653	9.744686
642.142972	83.470530	5231.979	
1.00000	15.202557	263.096621	9.744686
647.436677	87.836477	5552.999	
COMB DESIGN MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-8.462982	-651.255796	-9.368201
-689.849500	-86.048652	-3812.039	
0.25000	-6.819496	-627.331488	-9.368201
-685.747566	-87.856459	-3772.736	
0.50000	-9.202885	-603.959741	-9.368201
-642.889762	-90.670120	-3733.256	
0.75000	-9.680951	-581.392171	-9.368201
-624.138452	-95.751720	-3693.616	
1.00000	-10.399145	-559.898341	-9.368201
-624.124914	-101.949516	-3654.134	
ELEM	60	=====	LENGTH = 5.035807
COMB DB-G1-1 MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	3.789182	31.798253	2.952077
45.520970	55.866385	1253.129	
0.25000	3.779692	32.072909	2.952077
46.321890	55.953004	1281.100	
0.50000	3.770961	32.361217	2.952077
47.162705	57.244149	1314.626	
0.75000	3.762486	32.659879	2.952077
48.036329	59.722168	1353.188	
0.00000	3.754368	32.989265	2.952077
49.052661	63.198000	1396.083	
COMB DB-G1-1 MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-3.633541	-59.531997	-4.875632
-241.040144	-2.241244	-827.771789	
0.25000	-3.641763	-59.199827	-4.875632
-240.022472	-2.215973	-787.142642	
0.50000	-3.650307	-58.995376	-4.875632
-239.149736	-2.437480	-746.513495	
0.75000	-3.659073	-58.598943	-4.875632
-238.316036	-2.666822	-705.884348	
1.00000	-3.668565	-58.133978	-4.875632
-237.544561	-2.910569	-665.286746	
COMB DB-G1-2 MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	6.297684	88.320390	4.262285
226.455377	72.275822	2689.428	
0.25000	6.297332	88.320565	4.262285
226.485084	72.077745	2684.747	
0.50000	6.297009	88.341247	4.262285
226.516268	73.352251	2949.113	
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.75000	6.296695	88.352312	4.262285
226.548668	76.099435	3045.332	
1.00000	6.296394	88.364520	4.262285
226.586363	79.926451	3171.949	
COMB DB-G1-2 MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-5.778093	-159.215874	-6.380214
-455.923942	-13.486743	-1589.124	
0.25000	-5.778398	-159.203566	-6.380214
-455.886197	-11.871370	-1507.689	
0.50000	-5.778714	-159.192287	-6.380214
-455.853831	-10.315332	-1426.254	
0.75000	-5.779039	-159.181305	-6.380214
-455.822911	-9.138681	-1344.818	
1.00000	-5.779390	-159.170748	-6.380214
-455.794267	-8.709809	-1263.416	
COMB DB-G1-3 MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	10.212516	195.032378	7.109453
326.225710	10.068121	4674.040	
0.25000	9.665200	210.631380	7.109453
357.758206	69.497920	4774.021	
0.50000	9.146258	227.062135	7.109453
391.901066	70.248835	4877.110	
0.75000	8.642546	244.121497	7.109453
429.749444	72.314980	4995.680	
1.00000	8.159796	262.352198	7.109453
472.766070	75.451252	5119.045	
COMB DB-G1-3 MIN			

REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-9.198959	-381.199766	-7.882707
-560.455905	-54.657636	-2176.472	
0.25000	-9.687029	-362.806196	-7.882707
-519.951893	-53.931509	-2059.451	
0.50000	-10.194452	-345.381314	-7.882707
-486.000976	-53.687318	-1942.430	
0.75000	-10.715823	-328.415760	-7.882707
-463.898419	-54.680209	-1825.410	
1.00000	-11.263629	-312.119961	-7.882707
-461.823548	-56.987504	-1708.418	
COMB DB-G2-1 MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	5.186248	147.617212	5.108129
273.745261	7.113578	2646.728	
0.25000	4.540196	165.606971	5.108129
273.745261	6.022918	2742.648	
0.50000	3.901310	184.654773	5.108129
273.745261	4.946546	2810.522	
0.75000	3.280967	204.499933	5.108129
273.745261	4.300756	2850.077	
1.00000	2.725652	224.672528	5.108129
273.745261	4.471567	2862.184	
COMB DB-G2-1 MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-5.470548	-294.615551	-2.955836
-64.794436	-64.868885	-903.870038	
0.25000	-6.070677	-273.882645	-2.955836
-64.794436	-65.042873	-849.633515	
0.50000	-6.695233	-253.551302	-2.955836
-64.794436	-66.508938	-795.396991	
0.75000	-7.337589	-233.757405	-2.955836
-64.794436	-69.185124	-741.180467	
1.00000	-7.984558	-214.767986	-2.955836
-64.794436	-72.727471	-686.923958	
COMB DB-G2-2 MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	8.519489	234.852037	6.935574
436.339947	15.257406	4553.458	
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.25000	7.670830	258.680365	6.935574
474.839947	13.621632	4646.400	
0.50000	6.844340	283.862887	6.935574
436.339947	12.206466	4767.450	
0.75000	6.041875	310.064029	6.935574
436.339947	11.725552	4861.491	
1.00000	5.272512	337.205394	6.935574
446.835003	11.490735	4940.792	
COMB DB-G2-2 MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-8.238613	-458.068844	-4.269272
-215.862323	-85.366172	-1678.827	
0.25000	-9.015333	-430.662785	-4.269272
-215.862323	-85.273640	-1581.339	
0.50000	-9.823412	-403.849115	-4.269272
-215.862323	-86.664173	-1483.854	
0.75000	-10.654163	-377.741465	-4.269272
-215.862323	-89.460311	-1386.368	
1.00000	-11.503896	-352.684856	-4.269272
-215.862323	-93.344251	-1288.883	
COMB DB-G2-3 MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	10.357486	239.187462	7.978262
475.469304	45.980633	5273.905	
0.25000	9.604089	260.332705	7.978262
475.469304	44.756394	5395.846	
0.50000	8.869828	282.681651	7.978262
475.469304	44.510044	5511.721	
0.75000	8.156910	305.936105	7.978262
475.469304	45.864324	5633.048	
1.00000	7.473392	330.003529	7.978262
480.624482	47.980639	5751.808	
COMB DB-G2-3 MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-9.782346	-469.246400	-6.887897
-393.329161	-83.572230	-2211.123	
0.25000	-10.472374	-444.944059	-6.887897
-393.329161	-82.658793	-2087.915	
0.50000	-11.190273	-421.144721	-6.887897
-393.329161	-83.066116	-1964.707	
0.75000	-11.928329	-397.972152	-6.887897
-393.329161	-84.732100	-1841.499	
1.00000	-12.682687	-375.732890	-6.887897
-393.329161	-87.461410	-1718.303	
COMB DL-G1-1 MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	5.695095	49.116975	2.591650
73.197078	59.044583	1541.246	
0.25000	5.687485	49.349456	2.591650
73.844217	61.036445	1603.052	
0.50000	5.680222	49.599831	2.591650
74.543754	63.787152	1665.877	
0.75000	5.673395	49.864939	2.591650
75.286792	67.294469	1729.616	
1.00000	5.667085	50.141611	2.591650
76.061637	71.281988	1794.377	
COMB DL-G1-1 MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-4.777803	-106.146921	-5.197094
-277.696438	-4.112268	-1392.341	
0.25000	-4.784841	-105.838801	-5.197094
-276.968129	-3.749814	-1388.281	
0.50000	-4.792355	-105.541981	-5.197094
-276.729042	-3.76108	-1384.236	
0.75000	-4.800353	-105.259501	-5.197094
-275.639777	-3.966415	-1380.347	
1.00000	-4.808470	-104.994165	-5.197094
-275.059803	-4.239985	-1376.515	
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FRAME ELEMENT INTERNAL FORCES			
COMB DL-G1-2 MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	9.410181	124.892880	4.157601
261.252958	79.436314	3308.560	
0.25000	9.410004	124.89302	4.157601
261.268249	81.360998	3410.729	
0.50000	9.409934	124.904143	4.157601
261.284805	84.365058	3528.288	
0.75000	9.409675	124.910328	4.15

COMB DB-G1-1-----MAX				
REL_DIST	P	M2	M3	V2
T				V3
0.00000		3.608608	38.898445	3.769229
134.886675		58.673325	1395.912	
0.25000		3.599065	39.180689	3.769229
135.679428		57.962953	1384.201	
0.50000		3.590298	39.476038	3.769229
136.513587		58.489399	1377.338	
0.75000		3.581854	39.780471	3.769229
137.381367		60.218129	1376.227	
1.00000		3.573901	40.113701	3.769229
138.369386		62.937685	1380.685	
COMB DB-G1-1-----MIN				
REL_DIST	P	M2	M3	V2
T				V3
0.00000		-3.806695	-38.529815	-4.230376
-148.998255		-2.797632	-665.389254	
0.25000		-3.815189	-38.196448	-4.230376
-147.992029		-2.995813	-620.516276	
0.50000		-3.823960	-37.891696	-4.230376
-147.127413		-3.197319	-575.643299	
0.75000		-3.832910	-37.595931	-4.230376
-146.298151		-3.407166	-530.770322	
1.00000		-3.842528	-37.312214	-4.230376
-145.511780		-3.631484	-548.175908	
COMB DB-G1-2-----MAX				
REL_DIST	P	M2	M3	V2
T				V3
0.00000		5.657558	116.898692	5.278608
334.635471		74.105290	3171.745	
0.25000		5.657204	116.909155	5.278608
334.646875		72.918092	3116.256	
0.50000		5.656880	116.920000	5.278608
334.659812		73.768957	3089.113	
0.75000		5.656567	116.931369	5.278608
334.727995		76.431177	3104.935	
1.00000		5.656272	116.943716	5.278608
334.765381		80.168008	3150.101	
COMB DB-G1-2-----MIN				
REL_DIST	P	M2	M3	V2
T				V3
0.00000		-6.493918	-112.253682	-5.627905
-349.027490		-10.043906	-1263.497	
0.25000		-6.494233	-112.241330	-5.627905
-348.990170		-9.677322	-1177.011	
0.50000		-6.494558	-112.230040	-5.627905
-348.958105		-9.326295	-1090.526	
0.75000		-6.494689	-112.219079	-5.627905
-348.927350		-9.727729	-1040.040	
1.00000		-6.495245	-112.208571	-5.627905
-348.898183		-11.029225	-1038.121	
COMB DB-G1-3-----MAX				
REL_DIST	P	M2	M3	V2
T				V3
0.00000		8.560216	245.957147	7.629667
367.708898		70.508851	5118.878	
0.25000		8.009253	262.081506	7.629667
369.546715		69.599225	5102.376	
0.50000		7.489622	278.967123	7.629667
432.930666		70.567546	5086.807	
0.75000		6.998082	296.401935	7.629667
468.844810		73.208874	5093.616	
1.00000		6.987897	314.893558	7.629667
511.568262		76.810946	5102.805	
COMB DB-G1-3-----MIN				
REL_DIST	P	M2	M3	V2
T				V3
0.00000		-10.953315	-311.952559	-7.712405
-518.529280		-53.186722	-1708.409	
0.25000		-11.460844	-293.448646	-7.712405
-476.396709		-53.078208	-1589.414	
0.50000		-11.984614	-275.987723	-7.712405
-440.635331		-53.461884	-1470.420	
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REL_DIST	P	M2	M3	V2
T				V3
0.75000		-12.518905	-259.052396	-7.712405
-406.361974		-53.330183	-1351.425	
1.00000		-13.075842	-242.847103	-7.712405
-377.425862		-59.031876	-1399.496	
COMB DB-G2-1-----MAX				
REL_DIST	P	M2	M3	V2
T				V3
0.00000		3.702312	178.785880	4.373097
173.504988		4.865109	2862.474	
0.25000		3.051148	197.529697	4.373097
173.504988		5.167881	2904.490	
0.50000		2.940688	217.217036	4.373097
173.504988		5.482166	2916.381	
0.75000		2.940688	237.579177	4.373097
173.504988		5.806579	2907.313	
1.00000		2.940688	258.138635	4.373097
173.504988		6.135933	2869.162	
COMB DB-G2-1-----MIN				
REL_DIST	P	M2	M3	V2
T				V3
-162.565237		-6.964496	-260.585159	-3.871687
-162.565237		-7.593392	-686.891818	
0.25000		-7.593392	-20.004410	-3.871687
-162.565237		-67.580473	-636.850699	
0.50000		-8.243196	-219.598168	-3.871687
-162.565237		-60.871144	-586.881380	
0.75000		-8.905176	-199.835590	-3.871687
-162.565237		-69.775303	-536.912061	
1.00000		-9.566208	-189.975162	-3.871687
-162.565237		-72.337070	-558.254329	
COMB DB-G2-2-----MAX				
REL_DIST	P	M2	M3	V2
T				V3
0.00000		6.273820	290.778935	6.114758
320.910624		12.008099	4941.036	
0.25000		5.418825	315.533630	6.114758
320.910624		11.952863	4958.803	
0.50000		4.746559	341.507156	6.114758
320.910624		12.399460	4957.087	
0.75000		4.746558	368.352141	6.114758
320.910624		13.206546	4960.729	
1.00000		4.746558	395.964237	6.114758
331.294140		14.104045	4945.862	
COMB DB-G2-2-----MIN				
REL_DIST	P	M2	M3	V2
T				V3

1.00000	-7.076401	-95.607654	-4.621583
-244.602253	-18.921708	-1310.483	
COMB DB-G1-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.805386	315.992820	7.800163
454.056321	72.027129	5103.026	
0.25000	6.401159	332.307976	7.800163
455.847568	71.215080	4971.355	
0.50000	6.401159	349.297696	7.800163
478.253197	71.679822	484.521	
0.75000	6.401159	366.755359	7.800163
514.055881	73.355663	4731.944	
1.00000	6.401159	395.196782	7.800163
554.203658	76.000671	4624.144	

COMB DB-G1-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-12.543105	-269.930886	-7.132618
-484.248461	-53.279135	-1399.518	
0.25000	-13.051189	-251.575555	-7.132618
-441.452683	-54.606239	-1496.604	
0.50000	-13.571052	-234.327795	-7.132618
-403.728448	-57.009004	-1593.689	
0.75000	-14.096791	-217.670223	-7.132618
-369.314708	-60.123084	-1690.774	
1.00000	-14.641327	-201.806333	-7.132618
-338.052104	-64.3114522	-1787.859	

COMB DB-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.100181	212.069107	3.421554
77.659654	6.343765	2868.889	
0.25000	3.100181	231.083298	3.421554
77.659654	7.090909	2860.570	
0.50000	3.100181	250.927943	3.421554
77.659654	7.877273	2824.203	
0.75000	3.100181	271.342306	3.421554
77.659654	8.628074	2758.526	
1.00000	3.100181	291.851126	3.421554
77.659654	9.880883	2663.399	

COMB DB-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.433404	-227.078463	-4.524480
-264.535205	-67.931216	-558.327294	
0.25000	-9.063811	-206.683807	-4.524480
-264.535205	-65.991153	-602.527225	
0.50000	-9.707748	-186.548904	-4.524480
-264.535205	-65.276859	-646.727156	
0.75000	-10.358199	-167.141408	-4.524480
-264.535205	-65.696655	-690.927087	
1.00000	-11.001423	-148.721569	-4.524480
-264.535205	-66.906591	-735.127019	

COMB DB-G2-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.586798	350.165562	5.083413
220.768095	44.515627	4945.522	
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F R A M E E L E M E N T I N T E R N A L			
REL_DIST	P	V2	V3
T	M2	M3	
0.25000	4.586798	375.253788	5.083413
220.768095	15.590341	4868.919	
0.50000	4.586798	401.417495	5.083413
220.768095	16.883453	4776.927	
0.75000	4.586798	428.319073	5.083413
220.768095	18.179340	4672.979	
1.00000	4.586798	455.863706	5.083413
220.768095	19.533447	4562.799	

COMB DB-G2-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-12.864649	-339.042181	-6.106469
-439.300210	-87.399718	-1050.154	
0.25000	-13.677456	-311.645233	-6.106469
-429.189319	-86.803935	-1130.013	
0.50000	-14.508748	-285.095342	-6.106469
-429.189319	-87.620350	-1209.873	
0.75000	-15.349010	-259.484292	-6.106469
-429.189319	-89.757638	-1289.732	
1.00000	-16.193804	-235.147279	-6.106469
-429.189319	-92.953584	-1369.591	

COMB DB-G2-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.441717	376.406274	7.268277
391.661812	46.910122	5745.930	
0.25000	6.441717	397.63644	7.268277
391.661812	47.211638	5623.421	
0.50000	6.441717	421.896429	7.268277
391.661812	48.228899	5498.347	
0.75000	6.441717	445.774707	7.268277
391.661812	50.030367	5371.884	
1.00000	6.441717	470.201992	7.268277
391.661812	52.331156	5250.555	

COMB DB-G2-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-14.174483	-336.514459	-7.544062
-482.774296	-83.636080	-1404.151	
0.25000	-14.896671	-312.218603	-7.544062
-477.950883	-84.128283	-1505.726	
0.50000	-15.635272	-288.659187	-7.544062
-477.950883	-85.878244	-1607.301	
0.75000	-16.818337	-265.921947	-7.544062
-477.950883	-88.809020	-1708.877	
1.00000	-17.138110	-244.322724	-7.544062
-477.950883	-92.702195	-1810.452	

COMB DL-G1-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.545213	93.101414	4.844149
262.214138	64.953388	1836.096	
0.25000	4.538798	93.366359	4.844149
262.797317	62.958235	1791.742	
0.50000	4.532788	93.648442	4.844149
263.435488	61.738958	1748.250	
0.75000	4.527250	93.944556	4.844149
264.119245	61.227129	1705.784	
1.00000	4.522263	94.251914	4.844149
264.838058	61.289771	1665.073	

COMB DL-G1-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-12.686625	-365.154820	-7.047276
-492.604859	-101.238800	-2546.887	
0.25000	-13.052613	-342.310251	-7.047276
-485.650439	-99.719846	-2530.050	
0.50000	-13.699377	-320.304635	-7.047276
-480.137447	-99.230219	-2513.237	
0.75000	-14.713456	-299.428782	-7.047276
-474.698411	-99.732798	-2496.376	
1.00000	-15.575632	-279.910420	-7.047276
-470.806389	-101.084951	-2479.568	

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.419735	-70.424045	-2.808694
-93.215644	-5.538637	-1333.219	
0.25000	-5.428018	-70.146684	-2.808694
-92.443580	-6.493037	-1316.196	
0.50000	-5.436730	-69.881051	-2.808694
-91.706955	-7.622363	-1299.178	
0.75000	-5.457777	-69.630352	-2.808694
-91.016154	-8.905913	-1282.170	
1.00000	-5.455075	-69.397474	-2.808694
-90.381264	-10.594045	-1265.267	
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F R A M E E L E M E N T I N T E R N A L			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.071246	220.023946	6.800825
485.505903	86.226905	3906.779	
0.25000	7.071096	220.030121	6.800825
485.519740	84.556787	3797.069	
0.50000	7.070956	220.036698	6.800825
485.534872	83.790353	3698.336	
0.75000	7.070826	220.043630	6.800825
485.551081	83.952620	3622.893	
1.00000	7.070710	220.050770	6.800825
485.568122	84.958875	3563.010	

COMB DL-G1-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.099779	-161.830871	-4.426147
-282.837147	-19.000674	-2520.873	
0.25000	-9.099972	-161.824400	-4.426147
-282.818891	-20.681821	-2492.145	
0.50000	-9.100174	-161.818204	-4.426147
-282.801475	-23.048171	-2463.411	
0.75000	-9.100385	-161.812356	-4.426147
-282.785141	-25.805006	-2434.673	
1.00000	-9.100601	-161.806926	-4.426147
-282.770123	-28.926350	-2405.943	

COMB DL-G1-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.733453	365.248314	8.264570
508.864330	87.248095	5923.552	
0.25000	10.399254	379.862833	8.264570
529.061453	86.452592	5819.237	
0.50000	10.086769	395.369304	8.264570
551.677769	86.547463	6250.399	
0.75000	9.849786	411.597283	8.264570
576.140304	87.622528	5573.860	
1.00000	9.793257	428.381629	8.264570
601.845815	89.586361	5437.213	

COMB DL-G1-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-13.821801	-331.719645	-7.294434
-532.264944	-65.811945	-3388.056	
0.25000	-14.303030	-316.697394	-7.294434
-502.397122	-67.006829	-3355.372	
0.50000	-14.808223	-302.272320	-7.294434
-473.787221	-69.185848	-3322.694	
0.75000	-15.330351	-288.622463	-7.294434
-447.047946	-72.154544	-3289.999	
1.00000	-15.865292	-275.904323	-7.294434
-422.741970	-75.810660	-3257.318	

COMB DL-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.725691	211.184371	2.974060
116.002399	10.379815	3056.186	
0.25000	5.443112	228.586674	2.974060
116.002399	11.660401	3048.903	
0.50000	5.347363	246.945634	2.974060
116.002399	12.972433	3009.451	
0.75000	5.276156	266.073771	2.974060
116.002399	14.374799	2937.751	
1.00000	5.228713	285.762367	2.974060
116.002399	15.988006	2834.242	

COMB DL-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-7.948123	-229.199378	-4.949467
-290.062763	-74.363755	-1353.722	
0.25000	-8.500127	-211.811934	-4.949467
-293.127607	-72.468365	-1346.688	
0.50000	-9.209749	-195.044618	-4.949467
-296.192006	-71.118542	-1339.654	
0.75000	-9.872422	-179.114440	-4.949467
-299.257295	-70.457778	-1332.579	
1.00000	-10.548434	-164.159237	-4.949467
-302.321967	-70.454308	-1325.548	
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-355.243932	-54.659548	-941.563172		
COMB DB-G2-2 ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.00000		4.399044	413.495824	3.422797
220.522121		19.507378	4562.312	
0.25000		4.399044	438.539684	3.422797
220.522121		41.507378	4383.173	
0.50000		4.399044	464.547787	3.422797
220.522121		24.605489	4189.244	
0.75000		4.399044	491.183154	3.422797
220.522121		38.34952	3989.625	
1.00000		4.399044	518.349935	3.422797
220.522121		30.186741	3782.607	
COMB DB-G2-2 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000		-15.212998	-279.181187	-7.131809
-540.630415		-85.972727	-1369.656	
0.25000		-16.009865	-252.345024	-7.131809
-532.707618		-83.480541	-1458.089	
0.50000		-16.814792	-226.487694	-7.131809
-532.707618		29.291235	1846.522	
0.75000		-17.616330	-201.684372	-7.131809
-532.707618		-82.370408	-1635.094	
1.00000		-18.084616	-178.263080	-7.131809
-532.707618		-83.527053	-1723.788	
COMB DB-G2-3 ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.00000		5.925279	453.004311	6.276854
440.354642		49.149928	5250.463	
0.25000		5.925279	475.233101	6.276854
440.354642		50.944115	5004.644	
0.50000		5.925279	498.318061	6.276854
440.354642		50.5713407	4754.531	
0.75000		5.925279	551.959758	6.276854
440.354642		52.695874	4512.389	
1.00000		5.925279	546.050581	6.276854
440.354642		55.139771	4275.645	
COMB DB-G2-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000		-16.349068	-281.177198	-7.580355
-532.353390		-86.244057	-1810.523	
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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
T				
0.25000		-17.056932	-257.380170	-7.580355
-529.531579		-85.218470	-1915.354	
0.50000		-17.771936	-234.430388	-7.580355
-529.531579		-85.483100	-2020.186	
0.75000		-18.483905	-212.417593	-7.580355
-529.531579		-86.950957	-2125.151	
1.00000		-19.186768	-191.633242	-7.580355
-529.531579		-89.393932	-2230.294	
COMB DL-G1-1 ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.00000		3.917894	119.905963	6.498414
369.247456		57.371198	1665.842	
0.25000		3.917894	120.182648	6.498414
369.807202		53.588738	1574.652	
0.50000		3.906683	120.482649	6.498414
370.426385		50.406020	1484.026	
0.75000		3.903139	120.793388	6.498414
371.095489		48.061495	1394.732	
1.00000		3.902433	121.114944	6.498414
371.804648		46.487218	1307.008	
COMB DL-G1-1 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000		-5.562821	-64.374794	-1.599519
-65.302518		-10.450990	-1265.413	
0.25000		-5.571689	-64.474793	-1.599519
-64.055742		-13.214010	-1239.304	
0.50000		-5.580932	-64.226733	-1.599519
-63.740706		-16.257885	-1213.204	
0.75000		-5.590441	-63.993466	-1.599519
-63.018396		-19.560426	-1188.002	
1.00000		-5.600116	-63.777871	-1.599519
-62.349238		-23.185453	-1161.967	
COMB DL-G1-2 ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.00000		6.001723	278.036165	8.681475
604.564924		60.023899	3563.924	
0.25000		6.001586	278.042698	8.681475
604.578226		76.657981	3356.721	
0.50000		6.001460	278.049607	8.681475
604.592928		74.050300	3158.100	
0.75000		6.001370	278.056850	8.681475
604.609809		72.364494	2982.980	
1.00000		6.001354	278.063446	8.681475
604.625639		71.496869	2824.585	
COMB DL-G1-2 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000		-9.886597	-140.185450	-3.028080
-231.490864		-28.653190	-2406.174	
0.25000		-9.886803	-140.179382	-3.028080
-231.472044		-33.020029	-2366.324	
0.50000		-9.887018	-140.173593	-3.028080
-231.453977		-37.655127	-2326.471	
0.75000		-9.887240	-140.168149	-3.028080
-231.436917		-42.634652	-2286.631	
1.00000		-9.887465	-140.163119	-3.028080
-231.421109		-48.004079	-2246.756	
COMB DL-G1-3 ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.00000		9.176968	453.955341	9.179532
609.165156		85.193970	5418.461	
0.25000		9.176968	469.489590	9.179532
612.310121		83.962879	5186.552	
0.50000		8.812928	485.888865	9.179532
633.311205		83.522868	5097.114	
0.75000		8.770317	502.989444	9.179532
656.299137		84.053117	5118.103	
1.00000		8.774713	520.621050	9.179532
680.708095		85.506139	4360.844	
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F O R C E S					
COMB DL-G1-3 ----- MIN					
REL_DIST		P	M2	M3	V2
T					
0.00000			-15.740293	-286.744845	-7.036854
-559.963106			-70.269210	-3257.447	
0.25000			-16.268898	-272.783736	-7.036854
-527.998846			72.985465	-3220.412	
0.50000			-16.792535	-259.419472	-7.036854
-497.303786			-76.228245	-3183.361	
0.75000			-17.341218	-246.848617	-7.036854
-468.404419			-80.181527	-3146.337	
1.00000			-17.897051	-235.197717	-7.036854
-441.810557			-84.856381	-3109.305	
COMB DL-G2-1 ----- MAX					
REL_DIST		P	M2	M3	V2
T					
0.00000			5.330866	258.995591	1.719421
78.783132			15.749480	2833.481	
0.25000			5.263808	277.663534	1.719421
78.783132			18.788648	2750.161	
0.50000			5.220223	297.234741	1.719421
78.783132			22.001097	2635.157	
0.75000			5.193992	317.534660	1.719421
78.783132			25.446915	2488.544	
1.00000			5.197087	338.333530	1.719421
78.783132			29.211638	2310.537	
COMB DL-G2-1 ----- MIN					
REL_DIST		P	M2	M3	V2
T					
0.00000			-9.629394	-196.082578	-6.710593
-399.130500			-66.147075	-1325.373	
0.25000			-10.293268	-180.122614	-6.710593
-402.195823			-62.250999	-1327.446	
0.50000			-10.976837	-164.795139	-6.710593
-405.260488			-58.822007	-1329.826	
0.75000			-11.673107	-150.339816	-6.710593
-408.326469			-56.304420	-1332.161	
1.00000			-12.371701	-136.903813	-6.710593
-411.391793			-54.549180	-1334.432	
COMB DL-G2-2 ----- MAX					
REL_DIST		P	M2	M3	V2
T					
0.00000			7.707951	447.022496	3.240928
253.687488			33.299791	4951.972	
0.25000			7.605276	471.233107	3.240928
253.687488			37.577863	4762.572	
0.50000			7.534016	496.678969	3.240928
253.687488			42.223428	4538.674	
0.75000			7.463405	523.123540	3.240928
253.687488			47.185918	4295.009	
1.00000			7.480770	550.274157	3.240928
253.687488			52.527068	4023.712	
COMB DL-G2-2 ----- MIN					
REL_DIST		P	M2	M3	V2
T					
0.00000			-14.903731	-310.075423	-9.125961
-625.921395			-94.396996	-2479.420	
0.25000			-15.745353	-289.005763	-9.125961
-625.921395			-91.229816	-2473.453	
0.50000			-16.614064	-268.797543	-9.125961
-614.894842			-88.946656	-2467.510	
0.75000			-17.500694	-249.754740	-9.125961
-609.381565			-87.522530	-2461.612	
1.00000			-18.395073	-232.079881	-9.125961
-603.868288			-86.956452	-2455.694	
COMB DL-G2-3 ----- MAX					
REL_DIST		P	M2	M3	V2
T					
0.00000			9.613440	512.597030	6.969273
492.463753			65.247862	5956.001	
0.25000			9.522522	534.164241	6.969273
492.463753			67.286136	5700.693	
0.50000			9.459328	556.829864	6.969273
492.463753			70.030056	5418.461	
0.75000			9.423398	580.383519	6.969273
492.463753			73.472001	5118.103	
1.00000			9.413055	604.563348	6.969273
492.463753			77.576644	4800.038	
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COMB DL-G2-3 ----- MIN					
REL_DIST		P	M2	M3	V2
T					
0.00000			-17.403049	-332.690643	-9.415503
-631.537740			-96.092782	-3282.460	
0.25000			-18.153454	-313.934239	-9.415503
-626.954770			-95.175692	-3258.138	
0.50000			-18.928108	-295.943771	-9.415503
-622.371801			-95.087886	-3233.851	
0.75000			-19.718280	-278.992659	-9.415503
-617.788832			-96.041239	-3209.598	
1.00000			-20.515497	-263.253920	-9.415503
-613.205863			-97.987408	-3185.330	
COMB DB-G1-1 ----- MAX					
REL_DIST		P	M2	M3	V2
T					
0.00000			5.925279	453.004311	7.838514
54.649856			72.144462	5250.463	
0.25000			5.925279	475.233101	7.838514
54.678140			69.593816	5004.644	
0.50000			5.925279	498.318061	7.838514
54.678888			68.717181	4754.534	
0.75000			5.925279	521.959758	7.838514
565.170160			69.032910	4512.389	
1.00000			5.925279	546.050581	7.838514
597.658732			70.282045	4275.645	
COMB DB-G1-1 ----- MIN					
REL_DIST		P	M2	M3	V2
T					
0.00000			-16.349068	-281.771198	-7.580355
-540.030415			-86.244057	-300.523	
0.25000			-17.068392	-257.380170	-7.580355
-532.707618			-85.218470	-1915.354	
0.50000			-17.771936	-234.403088	-7.580355
-532.707618			-85.483140	-2020.186	
0.75000			-18.483035	-212.471513	-7.580355
-532.707618			-86.500957	-175.1515	
0.00000			19.186768	-191.632942	-7.580355
-532.707618			-89.399332	-2230.294	

-607.568712	-77.723174	-2566.647			
1.00000	-20.689307	-139.925694	-7.913889		
-607.568712	-78.047955	-2678.926			
COMB DL-G1-1 ----- MAX					
REL_DIST	P	V2	V3		
0.00000	M2	M3			
473.324947	3,328148	136.364428	8.247769		
0.25000	-43.580587	1309.348			
473.888456	38,046786	1183.086	8.247769		
0.50000	3.321166	136.972570			
474.510043	33,372371	1058.588			
0.75000	3,320545	137.297148	8.247769		
475.179708	29.662913	957.059703			
1.00000	3,326304	137.312228	8.247769		
475.887982	26.863650	891.618066			
COMB DL-G1-1 ----- MIN					
REL_DIST	P	V2	V3		
T	M2	M3			
-95.631629	-2,396728	-62.869235	-0.407727		
0.25000	-5,405931	-62.627790	-0.407727		
-94.804794	-26.889500	-111.91774	-0.407727		
0.50000	-5,415356	-62.339129	-0.407727		
-94.016943	-31,921252	-107.7225	-0.407727		
0.75000	-5,424858	-62.185936	-0.407727		
-93.273827	-37,470634	-106.1502	-0.407727		
1.00000	-5,434292	-61.991128	-0.407727		
-92.587544	-43,581703	-109.1449			
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COMB DL-G1-2 ----- MAX					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	5,000757	327.082703	10.680569		
733.487949	67,733325	2826.290	10.680569		
0.25000	5,000638	327.089603	10.680569		
733.501948	62,169878	2536.428	10.680569		
0.50000	5,000586	327.096872	10.680569		
733.516116	57,600490	2255.101	10.680569		
0.75000	5,000570	327.104436	10.680569		
733.532007	54,167745	2054.239	10.680569		
1.00000	5,000564	327.112223	10.680569		
733.548819	51,766140	1939.471			
COMB DL-G1-2 ----- MIN					
REL_DIST	P	V2	V3		
0.00000	-10,245210	-127.141861	-1.527943		
-270.572771	-46,691174	-2247.233	-1.527943		
0.25000	-10,245424	-127.136222	-1.527943		
-270.553256	-52,942480	-2187.788	-1.527943		
0.50000	-10,245634	-127.130882	-1.527943		
-270.534661	-59,839174	-2128.466	-1.527943		
0.75000	-10,245864	-127.125904	-1.527943		
-270.517126	-67,372483	-2141.580	-1.527943		
1.00000	-10,246084	-127.121355	-1.527943		
-270.500929	-75,631882	-2248.032			
COMB DL-G1-3 ----- MAX					
REL_DIST	P	V2	V3		
0.00000	7,785723	545.211164	10.200766		
735.872460	81,777970	4361.638	10.200766		
0.25000	7,738521	561.751334	10.200766		
735.872460	79,551390	3971.887	10.200766		
0.50000	7,710261	579.109878	10.200766		
749.497542	78,438895	3566.304	10.200766		
0.75000	7,699552	597.098468	10.200766		
772.155009	78,577948	3269.039	10.200766		
1.00000	7,699390	615.547776	10.200766		
796.197336	79,906896	3054.467			
COMB DL-G1-3 ----- MIN					
REL_DIST	P	V2	V3		
0.00000	-17,354598	-250.802114	-6.671961		
-645.939409	-78,982879	-2319.577	-6.671961		
0.25000	-17,866906	-308.016949	-6.671961		
-612.628860	-82,283333	-3064.897	-6.671961		
0.50000	-18,828848	-225.883433	-6.671961		
-580.374581	-86,462618	-311.91918	-6.671961		
0.75000	-18,972335	-214.550413	-6.671961		
-549.890538	-91,640896	-3220.294	-6.671961		
1.00000	-19,503907	-204.179831	-6.671961		
-521.900875	-97,890709	-3434.091			
COMB DL-G2-1 ----- MAX					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	5,003856	323.498077	0.538494		
125.216199	28,032702	2309.198	0.538494		
0.25000	5,003491	343.556959	0.538494		
125.216199	32,756097	2140.385	0.538494		
0.50000	4,990082	364.481180	0.538494		
125.216199	37,846303	1946.838	0.538494		
0.75000	4,990082	386.048690	0.538494		
125.216199	43,390172	1800.207	0.538494		
1.00000	4,990136	408.046758	0.538494		
125.216199	49,499923	1657.386			
COMB DL-G2-1 ----- MIN					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-11,471226	-163.368554	-8.608233		
-523.019246	-51,090767	-1334.075	-8.608233		
0.25000	-12,448811	-149.098080	-8.608233		
-526.084460	-45,146311	-1353.069	-8.608233		
0.50000	-12,826964	-135.499230	-8.608233		
-529.149674	-39,977228	-1381.988	-8.608233		
0.75000	-13,485080	-122.755767	-8.608233		
-532.214889	-35,762710	-1516.129	-8.608233		
1.00000	-14,114698	-111.080933	-8.608233		
-535.280103	-32,472234	-1691.854	-8.608233		
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COMB DL-G2-2 ----- MAX					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	7,073578	551.332584	1.746153		
299.519794	51,406853	4022.297	1.746153		
0.25000	7,036634	577.269286	1.746153		
299.519794	57,869864	3691.061	1.746153		
0.50000	7,026311	604.372900	1.746153		
COMB DL-G2-2 ----- MIN					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-19,898455	-284.200749	-11.84674		
-771.956457	-92.196744	-3185.306	-11.84674		
0.25000	-20,666598	-267.289838	-11.84674		
-767.373651	-90.243275	-3168.511	-11.84674		
0.50000	-21,444277	-251.196273	-11.84674		
-762.790844	-89.317131	-3160.395	-11.84674		
0.75000	-22,207591	-236.131351	-11.84674		
-758.208038	-91,640896	-332.589	-11.84674		
1.00000	-22,938642	-222.339591	-11.84674		
-753.625232	-97.890709	-3623.561	-11.84674		
COMB CAR ----- MAX					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	8,518793	626.714158	10.680569		
735.872460	81,777970	4799.631	10.680569		
0.25000	8,486442	649.821866	10.680569		
735.962243	79,551390	4382.406	10.680569		
0.50000	8,477758	673.967914	10.680569		
749.497542	80,511537	3942.099	10.680569		
0.75000	8,477758	698.905403	10.680569		
772.155009	85,073223	3622.834	10.680569		
1.00000	8,477789	724.387440	10.680569		
796.197336	90,846494	3377.731			
COMB CAR ----- MIN					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-19,898455	-284.200749	-11.84674		
-771.956457	-92.196744	-3185.306	-11.84674		
0.25000	-20,666598	-267.289838	-11.84674		
-767.373651	-90.243275	-3168.511	-11.84674		
0.50000	-21,444277	-251.196273	-11.84674		
-762.790844	-89.317131	-3160.395	-11.84674		
0.75000	-22,207591	-236.131351	-11.84674		
-758.208038	-91,640896	-332.589	-11.84674		
1.00000	-22,938642	-222.339591	-11.84674		
-753.625232	-97.890709	-3623.561	-11.84674		
COMB DESIGN ----- MAX					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	2,646458	342.090987	0.207025		
143.910923	26,849966	1569.105	0.207025		
0.25000	2,646458	360.920504	0.207025		
143.910923	29,297653	1379.026	0.207025		

299.519794	64.716887	3331.464			
0.75000	7.026354	632.368584	1.746153		
299.519794	72.065307	3078.946	1.746153		
1.00000	7.026354	660.910083			
299.519794	80.064322	2869.187			
COMB DL-G2-2 ----- MIN					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-17.677682	-259.108863	-11.84674		
-756.835952	-81.319336	-2455.398	-11.84674		
0.25000	-18.539308	-240.106196	-11.84674		
-751.322871	-76.038495	-2468.894	-11.84674		
0.50000	-19.411797	-222.023715	-11.84674		
-745.809790	-71.578776	-2491.838	-11.84674		
0.75000	-20.268669	-205.095890	-11.84674		
-740.296709	-68.161336	-2685.125	-11.84674		
1.00000	-21.089486	-189.600157	-11.84674		
-734.783628	-65.773586	-2964.754	-11.84674		
COMB DL-G2-3 ----- MAX					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	8.518793	626.714158	6.692389		
597.257342	74.195690	4799.631	6.692389		
0.25000	8.486442	649.821866	6.692389		
597.257342	76.949023	4382.406	6.692389		
0.50000	8.477758	673.967914	6.692389		
597.257342	80.511537	3942.099	6.692389		
0.75000	8.477758	698.905403	6.692389		
597.257342	85.073223	3622.834	6.692389		
1.00000	8.477789	724.387440	6.692389		
597.257342	90.846494	3377.731			
COMB DL-G2-3 ----- MIN					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-19.898455	-284.200749	-10.640951		
-771.956457	-92.196744	-3185.306	-10.640951		
0.25000	-20.666598	-267.289838	-10.640951		
-767.373651	-90.243275	-3168.511	-10.640951		
0.50000	-21.444277	-251.196273	-10.640951		
-762.790844	-89.317131	-3160.395	-10.640951		
0.75000	-22.207591	-236.13151	-10.640951		
-758.296808	-88.666525	-3623.589	-10.640951		
1.00000	-22.938642	-232.339591	-10.640951		
-753.625232	-91.394286	-3623.561	-10.640951		
COMB DB ----- MAX					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	5.298957	421.549004	8.067270		
616.434011	66.470091	573.5535	8.067270		
0.25000	5.298957	553.601359	8.067270		
616.463371	68.511537	3915.347	8.067270		
0.50000	5.298957	576.386939	8.067270		
616.494092	60.426167	3556.547	8.067270		
0.75000	5.298957	599.57813	8.067270		
620.787840	58.849631	3212.432	8.067270		
643.289406	5.298957	623.122052			
	58.106361	2882.181			
COMB DB ----- MIN					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-18.242196	-226.179476	-8.290849		
-608.736642	-83.453181	-2320.335	-8.290849		
0.25000	-18.866293	-203.093218	-8.290849		
-607.657547	-80.455520	-2324.417	-8.290849		
0.50000	-19.516792	-189.951484	-8.290849		
-607.657547	-78.591475	-2454.500	-8.290849		
0.75000	-20.120954	-150.80773	-8.290849		
-607.657547	-77.723174	-2566.647	-8.290849		
1.00000	-20.689307	-139.925694	-8.290849		
-607.657547	-78.047995	-2678.926	-8.290849		
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ELEMENT INTERNAL FORCES					
COMB	DL	----- MAX			
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	8.518793	626.714158	10.680569		
735.872460	81.777970	4799.631	10.680569		
0.25000	8.486442	649.821866	10.680569		
735.962243	79.551390	4382.406	10.680569		
0.50000	8.477758	673.967914	10.680569		
749.497542	80.511537	3942.099	10.680569		
0.75000	8.477758	698.905403	10.680569		
772.155009	85.073223	3622.834	10.680569		
1.00000	8.477789	724.387440	10.680569		
796.197336	90.846494	3377.731			
COMB DL ----- MIN					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-19.898455	-284.200749	-11.84674		
-771.956457	-92.196744	-3185.306	-11.84674		
0.25000	-20.666598	-267.289838	-11.84674		
-767.373651	-90.243275	-3168.511	-11.84674		
0.50000	-21.444277	-251.196273	-11.84674		
-762.790844	-89.317131	-3160.395	-11.84674		
0.75000	-22.207591	-236.13151	-11.84674		
-758.296808	-88.666525	-3623.589	-11.84674		
1.00000	-22.938642	-232.339591	-11.84674		
-753.625232	-91.890709	-3623.561	-11.84674		
COMB CAR ----- MAX					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	8.518793	626.714158	10.680569		
735.872460	81.777970	4799.631	10.680569		
0.25000	8.486442	649.821866	10.680569		
735.962243	79.551390	4382.406	10.680569		
0.50000	8.477758	673.967914	10.680569		
749.497542	80.511537	3942.099	10.680569		
0.75000	8.477758	698.905403	10.680569		
772.155009	85.073223	3622.834	10.680569		
1.00000	8.477789	724.387440	10.680569		
796.197336	90.846494	3377.731			
COMB CAR ----- MIN					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-19.898455	-284.200749	-11.84674		
-771.956457	-92.196744	-3185.306	-11.84674		
0.25000	-20.666598	-267.289838	-11.84674		
-767.373651	-90.243275	-3168.511	-11.84674		
0.50000	-21.444277	-251.196273	-11.84674		
-762.790844	-89.317131	-3160.395	-11.84674		
0.75000	-22.207591	-236.13151	-11.84674		
-758.296808	-88.666525	-3623.589	-11.84674		
1.00000	-22.938642	-232.339591	-11.84674		
-753.625232	-91.890709	-3623.561	-11.84674		
COMB DESIGN ----- MAX					

1.00000	-10.279613	-126.312181	-1.152503	
-380.413783	-105.148052	-3065.945		
COMB DL-G1-3 ----- MAX				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	6.733929	638.420594	10.189109	
851.800155	76.912321	3055.466		
0.25000	5.671051	630.4427	10.189109	
852.066648	74.701629	2809.477		
0.50000	6.710062	674.742837	10.189109	
861.133792	73.652121	2625.154		
0.75000	6.710133	693.814020	10.189109	
885.125018	74.055659	2531.623		
1.00000	6.710151	713.272291	10.189109	
910.386127	76.039363	2497.966		
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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	M3	V2	V3
T	M2	M3		
0.00000	-18.919448	-225.742276	-6.510671	
-760.548564	-91.831762	-3434.413		
0.25000	-19.439778	-214.307898	-6.510671	
-725.993048	-95.148459	-3789.968		
0.50000	-19.950527	-203.606557	-6.510671	
-693.060661	-99.4988674	-4150.993		
0.75000	-20.437063	-193.761061	-6.510671	
-662.416725	-105.158305	-3905.339		
1.00000	-20.889438	-184.898912	-6.510671	
-637.425869	-112.189809	-5107.788		
COMB DL-G2-1 ----- MAX				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	4.485509	411.165955	0.344724	
233.289461	46.988384	1656.620		
0.25000	4.485509	433.056285	0.344724	
233.289461	52.222170	1546.879		
0.50000	4.485509	456.745056	0.344724	
233.289461	58.063038	1443.019		
0.75000	4.485399	479.040640	0.344724	
233.289461	64.648019	1346.650		
1.00000	4.485399	502.750161	0.344724	
233.289461	72.000441	1259.974		
COMB DL-G2-1 ----- MIN				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	-13.647967	-129.302488	-8.991588	
-532.723460	-30.113901	-1692.229		
0.25000	-14.267194	-117.007607	-8.991588	
-595.789220	-23.863542	-1945.387		
0.50000	-14.859284	-105.413870	-8.991588	
-598.854979	-18.591993	-2241.464		
0.75000	-15.416919	-94.694719	-8.991588	
-921.920738	-6.546189	-2580.189		
1.00000	-15.933475	-85.023773	-8.991588	
-604.964898	-11.708846	-2969.467		
COMB DL-G2-2 ----- MAX				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	6.305502	685.348574	1.192394	
423.025625	77.480617	2868.455		
0.25000	6.305309	713.521268	1.192394	
423.025625	84.316789	2647.659		
0.50000	7.303256	742.750863	1.192394	
423.025625	91.820338	2457.489		
0.75000	6.302595	772.792775	1.192394	
423.025625	100.118669	2317.022		
1.00000	6.302595	803.397426	1.192394	
423.025625	109.259246	2219.316		
COMB DL-G2-2 ----- MIN				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	-20.928785	-210.705022	-11.435762	
-824.952788	-81.548930	-3065.271		
0.25000	-21.744883	-194.111077	-11.435762	
-819.438727	-55.498996	-3360.999		
0.50000	-22.525341	-178.502151	-11.435762	
-813.924097	-50.504819	-3831.832		
0.75000	-23.260679	-164.090903	-11.435762	
-808.410604	-46.810352	-4390.325		
1.00000	-23.942875	-151.121752	-11.435762	
-802.896543	-44.468184	-5008.367		
COMB DL-G2-3 ----- MAX				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	7.330413	758.050152	6.419629	
748.660543	86.854930	3377.836		
0.25000	7.330197	783.154532	6.419629	
748.660543	89.867553	3104.240		
0.50000	7.330256	809.199547	6.419629	
748.660543	95.683439	2881.233		
0.75000	7.327768	835.967386	6.419629	
748.660543	102.785789	2749.204		
1.00000	7.327594	863.235664	6.419629	
748.660543	111.357989	2676.724		
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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	M3	V2	V3
T	M2	M3		
0.00000	-22.612605	-241.331808	-10.782490	
-894.912247	-91.831762	-3624.121		
0.25000	-23.39187	-226.572160	-10.782490	
-890.328626	-95.148459	-4023.973		
0.50000	-24.033999	-212.687330	-10.782490	
-885.744895	-99.4988674	-4513.513		
0.75000	-24.688747	-199.867073	-10.782490	
-881.161384	-105.158305	-5096.458		
1.00000	-25.296035	-188.329297	-10.782490	
-876.577762	-112.189809	-5773.060		
COMB DB ----- MAX				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	-3.415916	-43.314058	-1.869919	
-222.251701	-27.472486	-181.925833		
0.25000	-3.420825	-43.031812	-1.869919	
-221.139098	-28.484889	-784.528924		
0.50000	-3.424547	-42.960335	-1.869919	
-220.206657	-30.707408	-751.138752		
0.75000	-3.426894	-42.860335	-1.869919	
-219.306918	-33.463815	-719.415191		
1.00000	-3.428620	-42.860335	-1.869919	
-218.447781	-36.898831	-688.838246		

673.151163	4.356384	680.458899	8.362244	
1.000000	56.286657	1677.646		
695.426633	4.356384	703.668562	8.362244	
59.540511		1348.601		
COMB DB ----- MIN				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	-20.057544	-170.593035	-8.724035	
-687.442790	-72.441987	-2678.884		
0.25000	-20.559442	-147.926156	-8.724035	
-687.442790	-68.118083	-2803.525		
0.50000	-21.010644	-127.223899	-8.724035	
-687.442790	-68.488997	-2928.304		
0.75000	-21.395521	-108.126200	-8.724035	
-687.442790	-69.443733	-3053.719		
1.00000	-21.705822	-96.617894	-8.724035	
-687.442790	-71.281042	-3179.656		
COMB DL ----- MAX				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	7.330413	758.050152	10.905369	
851.800155	86.854930	3377.836		
0.25000	7.330197	783.154532	10.905369	
852.066648	89.867553	3104.240		
0.50000	7.330256	809.199547	10.905369	
861.133792	95.683439	2881.233		
0.75000	7.327768	835.967386	10.905369	
885.125018	102.785789	2749.204		
1.00000	7.327594	863.235664	10.905369	
910.386127	111.357989	2676.724		
COMB DL ----- MIN				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	-22.612605	-241.331808	-11.435762	
-894.912247	-91.831762	-3624.121		
0.25000	-23.39187	-226.572160	-11.435762	
-890.328626	-95.148459	-4023.973		
0.50000	-24.033999	-212.687330	-11.435762	
-885.744895	-99.488674	-4513.513		
0.75000	-24.688747	-199.867073	-11.435762	
-881.161384	-105.158305	-5096.458		
1.00000	-25.296035	-188.329297	-11.435762	
-876.577762	-112.189809	-5773.060		
COMB CAR ----- MAX				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	7.330413	758.050152	10.905369	
851.800155	86.854930	3377.836		
0.25000	7.330197	783.154532	10.905369	
852.066648	89.867553	3104.240		
0.50000	7.330256	809.199547	10.905369	
861.133792	95.683439	2881.233		
0.75000	7.327768	835.967386	10.905369	
885.125018	102.785789	2749.204		
1.00000	7.327594	863.235664	10.905369	
910.386127	111.357989	2676.724		
COMB DESIGN ----- MIN				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	-22.612605	-241.331808	-11.435762	
-894.912247	-91.831762	-3624.121		
0.25000	-23.39187	-226.572160	-11.435762	
-890.328626	-95.148459	-4023.973		
0.50000	-24.033999	-212.687330	-11.435762	
-885.744895	-99.488674	-4513.513		
0.75000	-24.688747	-199.867073	-11.435762	
-881.161384	-105.158305	-5096.458		
1.00000	-25.296035	-188.329297	-11.435762	
-876.577762	-112.189809	-5773.060		
COMB DESIGN ----- MAX				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	-22.612605	-241.331808	-11.435762	
-894.912247	-91.831762	-3624.121		
0.25000	-23.39187	-226.572160	-11.435762	
-890.328626	-95.148459	-4023.973		
0.50000	-24.033999	-212.687330	-11.435762	
-885.744895	-99.488674	-4513.513		
0.75000	-24.688747	-199.867073	-11.435762	
-881.161384	-105.158305	-5096.458		
1.00000	-25.296035	-188.329297	-11.435762	
-876.577762	-112.189809	-5773.060		
ELEM 66 ----- LENGTH =				
5.035661				
COMB DB-G1-1 ----- MAX				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	2.046228	99.476619	5.271309	
377.537062	2.046228	382.927460		
0.25000	2.046228	99.764704	5.271309	
378.450748	5.836341	388.184958		
0.50000	2.046228	100.056645	5.271309	
379.399590	3.321499	396.084882		
0.75000	2.046228	100.348882	5.271309	
380.417807	2.093864	404.196157		
1.00000	2.046228	100.662881	5.271309	
381.073169	6.141336	412.356402		
COMB DB-G1-1 ----- MIN				
REL_DIST	P	M3	V2	V3
T	M2	M3		
0.00000	-3.415916	-43.314058	-1.869919	
-225.51701	-27.472486	-818.92833		
0.25000	-3.420825	-43.031812	-1.869919	
-221.139098	-28.484898	-784.528924		
0.50000	-3.424547	-42.860335	-1.869919	
-220.206857	-30.704708	-751.139152		
0.75000	-3.426894	-42.860335	-1.869919	
-219.309818	-33.463815	-719.411571		
1.00000	-3.428620	-42.860335	-1.869919	
-218.447781	-36.898831	-688.838246		

-584.705974	-6.562441	-5228.046		
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FRAME ELEMENT INTERNAL FORCES				
COMB DL-G2-2 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	5.430521	857.093732		
582.107306	104.948276	2219.107		2.370238
0.25000	5.430521	888.255280		
582.107306	108.054476	2099.566		
0.50000	5.430521	920.316727		2.370238
582.107306	111.936669	2048.419		
0.75000	5.430521	952.988966		2.370238
582.563088	116.548202	2084.159		
1.00000	5.430041	985.975549		2.370238
585.289700	122.797551	2210.546		
COMB DL-G2-2 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-24.445185	-164.137723		-7.595152
-786.270577	-43.068407	-5009.124		
0.25000	-25.953451	-150.843835		-7.595152
-780.757670	-39.453404	-5773.455		
0.50000	-25.732306	-138.644664		-7.595152
-775.244763	-37.190529	-6614.844		
0.75000	-26.368666	-136.842681		-7.595152
-770.187638	-37.365295	-7543.456		
1.00000	-27.004551	-136.262669		-7.595152
-767.401279	-36.697283	-8547.785		
COMB DL-G2-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	6.176827	912.955752		5.758146
881.627307	107.466094	2676.705		
0.25000	6.176827	940.729126		5.758146
881.627307	110.434225	2582.597		
0.50000	6.176827	969.302000		5.758146
881.627307	114.103396	2571.949		
0.75000	6.176827	998.416959		5.758146
881.915504	118.429734	2651.929		
1.00000	6.176456	1027.810		5.758146
884.118614	124.228030	2813.339		
COMB DL-G2-3 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-25.339193	-207.032738		-7.806844
-939.322019	-84.057889	-5773.459		
0.25000	-25.918079	-195.221189		-7.806844
-934.739358	-82.940640	-6562.412		
0.50000	-26.485392	-184.383490		-7.806844
-930.156696	-83.387713	-7440.246		
0.75000	-27.052706	-182.918112		-7.806844
-925.862231	-85.847905	-8410.628		
1.00000	-27.619652	-182.410075		-7.806844
-923.482613	-89.601386	-9451.035		
COMB DB ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	3.753527	701.329536		7.256152
711.098651	57.180339	1348.056		
0.25000	3.753527	723.738573		7.256152
711.098651	57.528112	1082.556		
0.50000	3.753527	746.453554		7.256152
711.098651	58.115246	1119.443		
0.75000	3.753527	769.125791		7.256152
729.831292	58.844659	1156.295		
1.00000	3.753527	791.601313		7.256152
763.348609	62.254431	1193.640		
COMB DB ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-21.408626	-111.664455		-7.296542
-719.668371	-68.760468	-3179.505		
0.25000	-21.617997	-97.588719		-7.296542
-719.668371	-66.784098	-3321.543		
0.50000	-21.716459	-97.568719		-7.296542
-719.668371	-67.615089	-3464.077		
0.75000	-21.719118	-97.568719		-7.296542
-719.668371	-69.898417	-3607.231		
1.00000	-21.719118	-97.568719		-7.296542
-719.668371	-73.829258	-3762.494		
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FRAME ELEMENT INTERNAL FORCES				
COMB DL ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	6.304887	912.955752		7.650317
902.326715	107.466094	2676.705		
0.25000	6.299668	940.729126		7.650317
905.291583	110.434225	2582.597		
0.50000	6.298021	969.302000		7.650317
927.937979	114.103396	2571.949		
0.75000	6.295807	998.416959		7.650317
956.949731	118.429734	2651.929		
1.00000	6.295807	1027.810		7.650317
987.467570	124.228030	2813.339		
COMB DL ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-25.339193	-218.646181		-7.806844
-939.322019	-106.577465	-5773.459		
0.25000	-25.918079	-209.042656		-7.806844
-934.739358	-108.177227	-6562.412		
0.50000	-26.485392	-200.203574		-7.806844
-930.156696	-112.093529	-7440.246		
0.75000	-27.052706	-194.190885		-7.806844
-925.862231	-117.101470	-8410.628		
1.00000	-27.619652	-193.512318		-7.806844
-923.482613	-123.020590	-9451.035		
COMB DESIGN ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	6.304887	912.955752		7.650317
902.326715	107.466094	2676.705		
0.25000	6.299668	940.729126		7.650317
905.291583	110.434225	2582.597		
0.50000	6.298021	969.302000		7.650317
927.937979	114.103396	2571.949		
0.75000	6.295807	998.416959		7.650317
956.949731	118.429734	2651.929		
1.00000	6.287973	1027.810		7.650317
987.467570	124.228030	2813.339		
COMB DESIGN ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-25.339193	-218.646181		-7.806844
-939.322019	-106.577465	-5773.459		
0.25000	-25.918079	-209.042656		-7.806844
-934.739358	-108.177227	-6562.412		
0.50000	-26.485392	-200.203574		-7.806844
-930.156696	-112.093529	-7440.246		
0.75000	-27.052706	-194.190885		-7.806844
-925.862231	-117.101470	-8410.628		
1.00000	-27.619652	-193.512318		-7.806844
-923.482613	-123.020590	-9451.035		
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FRAME ELEMENT INTERNAL FORCES				
ELEM 67 ----- LENGTH = 5.035635				
COMB DB-G1-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	6.473205	42.834455		1.924345
218.466989	2.477627	412.661368		
0.25000	6.458896	42.834455		1.924345
218.466989	2.477627	412.661368		
0.50000	6.446332	42.834455		1.924345
220.226225	2.227382	396.348244		
0.75000	6.435158	43.005412		1.924345
221.158827	11.912836	388.423807		
1.00000	6.425363	43.287607		1.924345
222.271586	17.388187	383.142781		
COMB DB-G1-1 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-5.358613	-100.590578		-5.323666
-381.611725	-3.529960	-689.409824		
0.25000	-5.358613	-100.276627		-5.323666
-380.456203	-3.237400	-719.967788		
0.50000	-5.362213	-99.984415		-5.323666
-379.437943	-3.160077	-751.652250		
0.75000	-5.368814	-99.692458		-5.323666
-378.489030	-3.102743	-785.006690		
1.00000	-5.382155	-99.404341		-5.323666
-377.575232	-3.127165	-819.369273		
COMB DB-G1-2 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	11.987939	70.417224		2.603145
410.468433	17.290763	813.631731		
0.25000	11.987409	70.417224		2.603145
410.500292	17.062874	794.488744		
0.50000	11.986944	70.417224		2.603145
413.536655	16.919543	775.394257		
0.75000	11.986530	70.423588		2.603145
410.568228	22.415217	756.313575		
1.00000	11.986168	70.434045		2.603145
410.609487	29.411257	767.585554		
COMB DB-G1-2 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-6.941182	-282.825800		-7.006365
-637.797699	-65.255932	-1751.794		
0.25000	-6.941182	-282.814167		-7.006365
-637.754853	-64.318334	-1761.533		
0.50000	-6.941315	-282.803341		-7.006365
-637.717101	-63.663407	-1772.813		
0.75000	-6.941560	-282.792524		-7.006365
-637.681878	-63.398668	-1785.417		
1.00000	-6.942054	-282.781850		-7.006365
-637.647995	-63.493002	-1799.420		
COMB DB-G1-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	19.437503	97.545244		5.843707
587.862544	35.541442	114.5654		
0.25000	18.547603	97.545244		5.843707
587.863137	35.052655	116.5454		
0.50000	17.755454	97.545244		5.843707
587.863137	34.804191	1084.681		
0.75000	17.047958	97.545244		5.843707
604.712383	39.940002	1052.824		
1.00000	16.423151	111.611268		5.843707
638.815492	46.213406	1237.008		
COMB DB-G1-3 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-7.113119	-634.505753		-7.695455
-763.411363	-68.840603	-3135.919		
0.25000	-7.113119	-617.298231		-7.695455
-729.883854	-69.271712	-3055.891		
0.50000	-7.299911	-600.645034		-7.695455
-711.314197	-70.861507	-2982.907		
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FRAME ELEMENT INTERNAL FORCES				
COMB DL-G2-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.75000	-7.705712	-583.977536		-7.695455
-71.314197	-73.910222	-2911.128		
0.00000	-8.453152	-567.516532		-7.695455
-711.314197	-77.791611	-2840.683		
COMB DB-G2-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	10.799053	41.707450		5.680407
424.116321	34.479683	512.200156		
0.25000	9.636902	41.707450		5.680407
424.116321	34.383241	492.761704		
0.50000	8.584901	41.707450		5.680

-884.569445 -84.558898 -9451.120
0.25000 -8.840109 -998.364457
-882.366557 -82.491685 -8410.773
0.50000 -9.458311 -969.251781
-882.078619 -81.967628 -7440.484
0.75000 -10.079511 -940.684660
-882.078619 -83.067533 -6562.766
1.00000 -10.700658 -912.912629
-882.078619 -85.954584 -5773.963

COMB DB ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 21.006845 97.545244 7.493785
719.490431 57.681661 1193.875
0.25000 19.696438 97.545244 7.493785
719.490431 57.179239 1156.714
0.50000 18.517049 97.545244 7.493785
719.490431 57.062522 1119.871
0.75000 17.460665 97.545244 7.493785
719.490431 57.181628 1083.029
1.00000 16.521007 111.611268 7.493785
719.490431 57.604970 1348.536

COMB DB ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -7.113119 -791.595192 -7.695455
-763.411363 -68.840603 -7362.250
0.25000 -7.113119 -769.127395 -7.695455
-729.883854 -69.271712 -3608.524
0.50000 -7.295991 -746.461457 -7.695455
-711.314197 -70.861507 -3465.392
0.75000 -7.705712 -723.751930 -7.695455
-711.314197 -73.910222 -3322.884
1.00000 -8.463443 -701.348231 -7.695455
-711.314197 -77.791611 -3180.869

COMB DL ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 29.980273 193.431814 8.158743
923.568892 115.236424 2813.296
0.25000 28.868787 194.106296 8.158743
925.948733 110.605671 2651.977
0.50000 27.864379 200.102749 8.158743
930.243456 106.895065 2572.030
0.75000 26.960626 208.937218 8.158743
934.826118 104.033736 2582.801
1.00000 26.150797 218.550435 8.158743
939.408780 102.427003 2677.049

COMB DL ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -11.332010 -1027.755 -7.884531
-987.824761 -113.921538 -9451.120
0.25000 -11.154902 -998.364457 -7.884531
-957.286953 -109.056737 -8410.773
0.50000 -11.945561 -969.251781 -7.884531
-928.272453 -107.132482 -7440.484
0.75000 -12.378239 -940.684660 -7.884531
-905.722634 -107.157788 -6562.766
1.00000 -12.810612 -912.912629 -7.884531
-902.741686 -108.516444 -5773.963

COMB CAR ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 29.980273 193.431814 8.158743
923.568892 115.236424 2813.296
0.25000 28.868787 194.106296 8.158743
925.948733 110.605671 2651.977
0.50000 27.864379 200.102749 8.158743
930.243456 106.895065 2572.030
0.75000 26.960626 208.937218 8.158743
934.826118 104.033736 2582.801
1.00000 26.150797 218.550435 8.158743
939.408780 102.427003 2677.049
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FRAME ELEMENT INTERNAL FORCES
COMB CAR ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -11.332010 -1027.755 -7.884531
-987.824761 -113.921538 -9451.120
0.25000 -11.154902 -998.364457 -7.884531
-957.286953 -109.056737 -8410.773
0.50000 -11.945561 -969.251781 -7.884531
-928.272453 -107.132482 -7440.484
0.75000 -12.378239 -940.684660 -7.884531
-905.722634 -107.157788 -6562.766
1.00000 -12.810612 -912.912629 -7.884531
-902.741686 -108.516444 -5773.963

COMB DESIGN ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 29.980273 193.431814 8.158743
923.568892 115.236424 2813.296
0.25000 28.868787 194.106296 8.158743
925.948733 110.605671 2651.977
0.50000 27.864379 200.102749 8.158743
930.243456 106.895065 2572.030
0.75000 26.960626 208.937218 8.158743
934.826118 104.033736 2582.801
1.00000 26.150797 218.550435 8.158743
939.408780 102.427003 2677.049

COMB DESIGN ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -11.332010 -1027.755 -7.884531
-987.824761 -113.921538 -9451.120
0.25000 -11.154902 -998.364457 -7.884531
-957.286953 -109.056737 -8410.773
0.50000 -11.945561 -969.251781 -7.884531
-928.272453 -107.132482 -7440.484
0.75000 -12.378239 -940.684660 -7.884531
-905.722634 -107.157788 -6562.766
1.00000 -12.810612 -912.912629 -7.884531
-902.741686 -108.516444 -5773.963

ELEM 68 ----- LENGTH = 5.036714
COMB DB-G1-1 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 6.208699 35.080730 0.155018
120.581446 15.714307 383.111185 0.155018
0.25000 6.198544 35.316385 0.155018
121.447633 20.628586 376.134554 0.155018
0.50000 6.189619 35.567304 0.155018

122.355783 26.559873 368.799667 0.155018
0.75000 6.181591 35.848606 0.155018
123.304284 33.265190 404.492649 0.155018
0.50000 6.174474 36.159011 0.155018
124.393690 40.534290 514.280683
COMB DB-G1-1 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -4.433357 -108.380356 -6.717756
-408.611993 -28.206402 -818.889989
0.25000 -4.444895 -108.065420 -6.717756
-407.557222 -26.198365 -825.836598
0.50000 -4.455511 -107.775096
-406.675416 -24.273955 -832.973684
0.75000 -4.465721 -107.487292 -6.717756
-405.807366 -22.474028 -840.549625
1.00000 -4.476896 -107.205116 -6.717756
-404.964474 -20.793526 -848.825304

COMB DB-G1-2 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 11.122765 67.980984 0.818108
293.400327 26.901166 767.483159
0.25000 11.123388 67.998925 0.818108
293.515444 33.289484 803.657202
0.50000 11.122058 68.008922 0.818108
293.549116 40.697612 871.275090
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FRAME ELEMENT INTERNAL FORCES
REL_DIST M2 P M3 V2 V3
0.75000 11.121761 68.019278 0.818108
293.509284 48.828926 1053.783
1.00000 11.121497 68.030945 0.818108
293.624681 57.408902 1342.658

COMB DB-G1-2 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -5.813757 -276.080234 -8.929591
-660.071205 -60.581616 -1798.723
0.25000 -5.814184 -276.068515 -8.929591
-650.032046 -57.172970 -1779.475
0.50000 -5.814577 -276.057810 -8.929591
-659.99349 -53.911282 -1760.688
0.75000 -5.814955 -276.047147 -8.929591
-659.967161 -50.829211 -1742.153
1.00000 -5.815369 -276.036693 -8.929591
-659.939503 -47.960303 -1724.651

COMB DB-G1-3 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 16.189475 94.216502 5.087357
457.766723 42.445404 1237.127
0.25000 15.577238 105.903969 5.087357
495.798474 46.852870 1468.265
0.50000 15.031842 120.071744 5.087357
524.811482 52.204445 1710.692
0.75000 14.541902 135.643603 5.087357
555.971758 58.249426 2037.454
1.00000 14.403184 152.865360 5.087357
591.909170 64.776730 2441.530

COMB DB-G1-3 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -7.019186 -580.102948 -8.390070
-695.446373 -72.531586 -2840.339
0.25000 -7.745539 -562.613935 -8.390070
-673.365986 -72.822121 -2759.094
0.50000 -8.414524 -545.892224 -8.390070
-673.365986 -73.830549 -2678.301
0.75000 -9.061802 -529.350450 -8.390070
-673.365986 -75.466037 -2597.738
1.00000 -9.748849 -513.183831 -8.390070
-673.365986 -77.539616 -2518.239

COMB DB-G2-1 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 7.137010 40.256692 7.258193
455.315166 32.409426 676.524717
0.25000 6.368471 48.045094 7.258193
455.315166 30.452065 933.008929
0.50000 6.349161 46.237431 7.258193
455.315166 26.565137 1166.903
0.75000 6.349169 81.860783 7.258193
455.315166 26.736849 1279.454
1.00000 6.349165 100.624548 7.258193
455.315166 25.117829 1569.556

COMB DB-G2-1 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -2.470503 -419.599132 -0.366662
-144.103907 -13.944007 -1569.587
0.25000 -3.433387 -400.110253 -0.366662
-144.103907 -19.453279 -1478.274
0.50000 -4.321267 -380.418591 -0.366662
-144.103907 -25.970935 -1387.303
0.75000 -5.186405 -360.996639 -0.366662
-144.103907 -33.243729 -1296.715
1.00000 -6.070987 -342.104779 -0.366662
-144.103907 -40.933370 -1206.127

COMB DB-G2-2 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 12.640865 74.121734 9.125018
640.936313 50.058802 1138.565
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FRAME ELEMENT INTERNAL FORCES
REL_DIST M2 P M3 V2 V3
0.25000 11.653170 87.215176 9.125018
640.936313 47.379187 1510.803
0.50000 10.975129 108.733451 9.125018
640.936313 44.790618 1883.916
0.75000 10.975129 132.072649 9.125018
640.936313 42.296742 2262.419
1.00000 10.975129 157.635061 9.125018
640.936313 39.962737 2635.171

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

REL_DIST M2 P M3 V2 V3
0.00000 -3.730529 -664.383489 -1.296306
-317.456302 -44.112384 -2685.054
0.25000 -4.944812 -638.214152 -1.296306
-317.456302 49.620639 -2549.929
0.50000 -6.064130 -612.332210 -1.296306
-317.456302 -56.272151 -2415.391
0.75000 -7.152090 -586.774223 -1.296306
-317.456302 -63.813294 -2281.010
1.00000 -8.279005 -561.871895 -1.296306
-317.456302 -72.152513 -2146.633

COMB DB-G2-3 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 16.251485 96.586464 8.619643
687.288553 54.443085 1349.092
0.25000 15.373727 108.089337 8.619643
687.288553 51.780118 1678.260
0.50000 14.799491 127.182345 8.619643
687.288553 51.483755 2012.463
0.75000 14.799491 147.880808 8.619643
687.288553 54.119542 2430.631
1.00000 14.799491 170.546152 8.619643
687.288553 57.059542 2882.967

COMB DB-G2-3 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -5.933949 -703.664963 -5.539070
-584.113422 -64.521285 -3181.024
0.25000 -7.014078 -680.456331 -5.539070
-584.113422 -68.381918 -3055.046
0.50000 -8.009754 -657.480244 -5.539070
-584.113422 -73.937194 -2929.591
0.75000 -8.977039 -634.793039 -5.539070
-584.113422 -79.156946 -2804.784
1.00000 -9.979569 -612.689627 -5.539070
-584.113422 -85.776348 -2680.106

COMB DL-G1-1 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 8.185181 68.459384 0.225401
187.262363 12.561503 800.354155
0.25000 8.175750 68.620062 0.225401
187.931048 16.364150 782.915063
0.50000 8.167132 68.817859 0.225401
188.659998 22.545112 785.115394
0.75000 8.159315 69.023640 0.225401
189.448893 28.958361 822.594323
1.00000 8.152303 69.244371 0.225401
190.288224 36.062362 893.060367

COMB DL-G1-1 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -6.625799 -141.693207 -8.630504
-534.271039 -56.380223 -1328.882
0.25000 -6.632792 -141.346009 -8.630504
-533.559474 -50.803282 -1234.697
0.50000 -6.639946 -141.006501 -8.630504
-532.876919 -45.951685 -1163.009
0.75000 -6.647184 -140.677059 -8.630504
-532.232768 -41.713830 -1115.956
1.00000 -6.654435 -140.361210 -8.630504
-531.636741 -37.917718 -1092.199
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-2 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 14.823348 126.262041 1.303403
380.442710 37.788272 1644.664
0.25000 14.823128 126.266006 1.303403
380.458477 42.086759 1610.484
0.50000 14.822927 126.270419 1.303403
380.475666 47.802069 1635.577
0.75000 14.822745 126.275229 1.303403
380.494272 54.493607 1756.031
1.00000 14.822582 126.280389 1.303403
380.514072 61.904903 1941.633

COMB DL-G1-2 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -9.140303 -362.192433 -11.80199
-811.479353 -94.567355 -3006.356
0.25000 -9.140465 -362.184348 -11.80199
-811.462479 -86.748992 -2782.439
0.50000 -9.140632 -362.176439 -11.80199
-811.446292 -79.881147 -2550.821
0.75000 -9.140800 -362.168767 -11.80199
-811.431008 -73.995939 -2373.456
1.00000 -9.140978 -362.161413 -11.80199
-811.416850 -68.293396 -2249.001

COMB DL-G1-3 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 22.956448 184.834655 6.725007
637.569688 73.304540 2498.390
0.25000 22.426087 193.697043 6.725007
662.600244 73.590978 2532.185
0.50000 21.942220 203.549665 6.725007
693.251921 75.878069 2625.885
0.75000 21.504244 214.244341 6.725007
726.241285 78.815033 2810.336
1.00000 21.112212 225.680643 6.725007
760.796653 83.013405 3056.437

COMB DL-G1-3 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -11.151691 -713.233368 -10.574044
-910.711139 -101.597612 -5108.409
0.25000 -11.560536 -693.759385 -10.574044
-885.448717 -97.657133 -4891.095
0.50000 -11.977329 -674.717217 -10.574044
-861.473926 -95.199135 -4151.874
0.75000 -12.398026 -656.192937 -10.574044
-852.487652 -94.047387 -3791.006
1.00000 -12.818683 -638.383832 -10.574044
-852.227458 -93.864128 -3435.503

COMB DL-G2-1 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 12.267230 85.024520 9.236640
605.154339 57.824384 1260.691
0.25000 11.617140 94.691132 9.236640
602.088579 51.747055 1346.838

0.50000 11.025931 105.394173 9.236640
599.022820 46.504363 1443.299
0.75000 10.536149 116.968967 9.236640
595.507061 41.984581 1547.255
1.00000 10.316625 129.287799 9.236640
592.891301 38.122577 1657.127
COMB DL-G2-1 ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -3.826684 -502.766732 -0.623995
-233.663068 -13.118103 -2969.668
0.25000 -4.354424 -479.046917 -0.623995
-233.663068 -17.205631 -2592.431
0.50000 -4.885324 -455.75152 -0.623995
-233.663068 -22.622098 -2241.789
0.75000 -5.428951 -433.067980 -0.623995
-233.663068 -28.955961 -1445.776
1.00000 -5.966473 -411.178039 -0.623995
-233.663068 -36.192426 -1692.713
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FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-2 ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 20.085262 151.095979 11.823417
803.070856 93.729300 2219.577
0.25000 19.247789

0.25000 -11.560536 -835.968037 -11.180199
-885.448717 -97.657133 -5097.081
0.50000 -11.977329 -809.200033 -11.180199
-861.473926 -95.199135 -4514.315
0.75000 -12.398026 -783.155263 -11.180199
-852.487652 -94.047387 -4024.914
1.00000 -12.818683 -758.048202 -11.180199
-852.227458 -93.864128 -3625.215

COMB CAR ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 24.402300 188.284425 11.823417
876.714395 97.471317 2677.072
0.25000 23.658085 199.831065 11.823417
881.298017 90.889656 2749.713
0.50000 22.976705 212.632997 11.823417
885.881470 86.694494 2881.900
0.75000 22.363274 226.513086 11.823417
890.465259 84.956467 3105.091
1.00000 21.959030 241.284097 11.823417
895.048880 84.236907 3378.857

COMB CAR ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -11.151691 -863.235430 -11.180199
-910.711139 -101.597612 -5773.572
0.25000 -11.560536 -835.968037 -11.180199
-885.448717 -97.657133 -5097.081
0.50000 -11.977329 -809.200033 -11.180199
-861.473926 -95.199135 -4514.315
0.75000 -12.398026 -783.155263 -11.180199
-852.487652 -94.047387 -4024.914
1.00000 -12.818683 -758.048202 -11.180199
-852.227458 -93.864128 -3625.215

COMB DESIGN ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 24.402300 188.284425 11.823417
876.714395 97.471317 2677.072
0.25000 23.658085 199.831065 11.823417
881.298017 90.889656 2749.713
0.50000 22.976705 212.632997 11.823417
885.881470 86.694494 2881.900
0.75000 22.363274 226.513086 11.823417
890.465259 84.956467 3105.091
1.00000 21.959030 241.284097 11.823417
895.048880 84.236907 3378.857

COMB DESIGN ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -11.151691 -863.235430 -11.180199
-910.711139 -101.597612 -5773.572
0.25000 -11.560536 -835.968037 -11.180199
-885.448717 -97.657133 -5097.081
0.50000 -11.977329 -809.200033 -11.180199
-861.473926 -95.199135 -4514.315
0.75000 -12.398026 -783.155263 -11.180199
-852.487652 -94.047387 -4024.914
1.00000 -12.818683 -758.048202 -11.180199
-852.227458 -93.864128 -3625.215
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F O R C E S

ELEM 69 ===== LENGTH = 5.035811
COMB DB-G1-1 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 5.397878 36.572712 0.384750
44.592434 36.735893 513.157073 0.384750
0.25000 5.389652 36.831519 0.384750
45.423685 40.353656 599.681371 0.384750
0.50000 5.382386 37.105173 0.384750
46.293577 44.867009 694.688128 0.384750
0.75000 5.375672 37.390685 0.384750
47.197241 50.289470 796.151448 0.384750
1.00000 5.369534 37.708706 0.384750
48.246708 56.467342 902.889858

COMB DB-G1-1 ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -3.680123 -101.234087 -6.387941
-378.110995 -17.928168 -848.540197 -6.387941
0.25000 -3.689449 -100.911631 -6.387941
-377.079718 -15.661318 -834.681205 -6.387941
0.50000 5.389652 36.831519 0.384750
-376.224486 -13.413554 -820.837132 -6.387941
0.75000 -3.706345 -100.324608 -6.387941
-375.395973 -11.257845 -807.263138 -6.387941
1.00000 -3.714948 -100.042530 -6.387941
-374.608682 -9.204222 -793.689837

COMB DB-G1-2 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 9.463174 69.267457 0.985507
206.248853 52.372655 1341.184 0.985507
0.25000 9.462869 69.277045 0.985507
206.279681 56.635958 1486.311 0.985507
0.50000 9.462600 69.287184 0.985507
206.311939 62.030529 1676.329 0.985507
0.75000 9.462351 69.297762 0.985507
206.345450 68.403604 1911.265 0.985507
1.00000 9.462124 69.309545 0.985507
206.384371 75.508363 2176.557

COMB DB-G1-2 ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -4.850377 -249.250823 -8.399246
-616.982460 -43.701258 -1724.210 -8.399246
0.25000 -4.850722 -249.238875 -8.399246
-616.944169 -39.980486 -1680.295 -8.399246
0.50000 -4.851045 -249.227902 -8.399246
-616.912454 -36.392984 -1636.467 -8.399246
0.75000 -4.851348 -249.217128 -8.399246
-616.881728 -32.845058 -1592.899 -8.399246
1.00000 -4.851667 -249.206677 -8.399246
-616.852462 -29.454015 -1549.331

COMB DB-G1-3 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 13.339782 124.391228 5.153291
396.046445 58.876875 2440.619 5.153291
0.25000 12.875243 139.073041 5.153291
417.183487 61.282604 2728.818 5.153291
0.50000 12.457346 154.642887 5.153291
447.391589 64.694750 3038.856

0.75000 12.445534 170.920508 5.153291
480.338075 68.987965 3370.028 5.153291
1.00000 12.445534 188.463268 5.153291
525.683499 73.970049 3708.612
COMB DB-G1-3 ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -8.068190 -519.686267 -8.091550
-64.849958 -69.366258 -2517.992 -8.091550
0.25000 -8.641647 -501.855211 -8.091550
-621.356730 -68.758819 -2429.375 -8.091550
0.50000 -9.178365 -484.882308 -8.091550
-604.853008 -68.678452 -2340.832 -8.091550
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F O R C E S
REL_DIST M2 M3 V2 V3
T
0.75000 -9.681097 -468.218527 -8.091550
-604.853008 -69.177750 -2252.524 -8.091550
1.00000 -10.181213 -452.073236 -8.091550
-604.853008 -70.564155 -2164.217

COMB DB-G2-1 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 5.651766 78.089023 6.977394
423.026935 22.469360 1570.554 6.977394
0.25000 5.651766 94.996745 6.977394
423.026935 20.131667 1771.009 6.977394
0.50000 5.651766 113.002837 6.977394
423.026935 17.825732 1947.728 6.977394
0.75000 5.651766 131.880718 6.977394
423.026935 15.629419 2100.036 6.977394
1.00000 5.651766 151.198063 6.977394
423.026935 13.479610 2228.144

COMB DB-G2-1 ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -5.384951 -368.739158 -0.391923
-57.822092 -37.879468 -1206.472 -0.391923
0.25000 -6.123474 -349.021657 -0.391923
-57.822092 -42.046915 -1140.253 -0.391923
0.50000 -6.815270 -329.181217 -0.391923
-57.822092 -47.247638 -1074.127 -0.391923
0.75000 -7.462933 -309.706886 -0.391923
-57.822092 -53.401231 -1008.002 -0.391923
1.00000 -8.059816 -290.867310 -0.391923
-57.822092 -60.184785 -941.877526

COMB DB-G2-2 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 9.657153 122.138420 8.939044
607.388452 36.918711 2636.160 8.939044
0.25000 9.575877 144.546513 8.939044
607.388452 33.741025 2926.137 8.939044
0.50000 9.575877 168.373302 8.939044
607.388452 30.616870 3215.016 8.939044
0.75000 9.575877 193.324345 8.939044
607.388452 27.515486 3503.785 8.939044
1.00000 9.575877 219.368129 8.939044
608.170826 24.505696 3782.662

COMB DB-G2-2 ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -7.206481 -586.141819 -1.239746
-218.644243 -66.260201 -2146.926 -1.239746
0.25000 -8.147016 -559.611604 -1.239746
-218.644243 -70.302189 -2041.316 -1.239746
0.50000 -9.027331 -533.462767 -1.239746
-218.644243 -75.501521 -1935.706 -1.239746
0.75000 -9.852464 -507.792290 -1.239746
-218.644243 -81.774203 -1830.096 -1.239746
1.00000 -10.633510 -482.945685 -1.239746
-218.644243 -88.784065 -1724.486

COMB DB-G2-3 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 12.804231 139.921972 8.528663
607.428007 51.064204 2688.096 8.528663
0.25000 12.763829 159.806350 8.528663
607.428007 51.295972 3213.324 8.528663
0.50000 12.763829 180.951205 8.528663
607.428007 52.037097 3557.405 8.528663
0.75000 12.763829 203.095008 8.528663
607.428007 53.153763 3918.164 8.528663
1.00000 12.763829 226.183429 8.528663
607.428007 54.668634 4276.297

COMB DB-G2-3 ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -8.562576 -623.087567 -5.206138
-475.767880 -78.791574 -2680.152 -5.206138
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F O R C E S
REL_DIST M2 M3 V2 V3
T
0.25000 -9.398797 -599.562467 -5.206138
-475.767880 -80.980734 -2567.802 -5.206138
0.50000 10.181930 -576.352495 -5.206138
-475.767880 -84.279175 -2455.587 -5.206138
0.75000 -10.915106 -553.567277 -5.206138
-475.767880 -88.576781 -2343.434 -5.206138
1.00000 -11.608615 -531.513886 -5.206138
-475.767880 -93.601406 -2231.286

COMB DL-G1-1 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 7.243484 61.976787 0.367583
95.197897 32.549414 891.750203 0.367583
0.25000 7.235939 62.171533 0.367583
93.666390 37.036536 957.170050 0.367583
0.50000 7.228946 62.384647 0.367583
94.408483 42.513423 1058.690 0.367583
0.75000 7.222515 62.613393 0.367583
95.197897 48.778131 1183.151 0.367583
1.00000 7.216664 62.854886 0.367583
96.024409 55.476588 1308.370

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

REL_DIST M2 M3 V2 V3
T
0.00000 -5.604812 -137.616229 -8.322610
-474.3621692 -34.490386 -1092.098 -8.322610
0.25000 -5.611543 -137.282187 -8.322610
-475.653771 -29.814874 -1061.886 -8.322610
0.50000 -5.618493 -136.957470 -8.322610
-474.983558 -25.645649 -1077.774 -8.322610
0.75000 -5.625596 -136.645460 -8.322610
-474.362255 -21.829773 -1128.101 -8.322610
1.00000 -5.632801 -136.349179 -8.322610
-473.798534 -18.272139 -1162.566

COMB DL-G1-2 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 12.728265 127.103412 1.605660
271.189234 57.704144 1939.926 1.605660
0.25000 12.728265 127.107959 1.605660
271.205422 62.043154 2054.692 1.605660
0.50000 12.727928 127.112935 1.605660
271.222950 67.564016 2255.567 1.605660
0.75000 12.727776 127.118277 1.605660
271.241584 73.957514 2536.817 1.605660
1.00000 12.727639 127.123917 1.605660
271.261086 80.954090 2826.619

COMB DL-G1-2 ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -8.020085 -327.106832 -10.862675
-734.293781 -84.392201 -2248.789 -10.862675
0.25000 -8.034241 -327.099046 -10.862675
-734.276973 -57.735735 -2142.353 -10.862675
0.50000 -8.034403 -327.091478 -10.862675
-734.261057 -51.773231 -2129.287 -10.862675
0.75000 -8.034568 -327.084208 -10.862675
-734.246299 -46.236560 -2108.544 -10.862675
1.00000 -8.034736 -327.077306 -10.862675
-734.232894 -41.153569 -2247.929

COMB DL-G1-3 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 19.290366 204.167443 6.906790
522.266484 77.731198 3055.343 6.906790
0.25000 18.899639 214.540125 6.906790
550.247616 70.775224 3269.850 6.906790
0.50000 18.911018 225.889224 6.906790
580.734066 81.206502 3567.257 6.906790
0.75000 18.179329 238.008852 6.906790
613.109489 84.642097 3972.817 6.906790
1.00000 17.903084 250.794209 6.906790
646.387085 88.784815 3662.476 6.906790
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F O R C E S
COMB DL-G1-3 ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -11.76484 -615.542661 -10.452381
-796.934671 -86.437880 -3435.185 -10.452381
0.25000 -11.567259 -597.101068 -10.452381
-72.583199 -83.712527 -3221.402 -10.452381
0.50000 -11.968434 -579.112407 -10.452381
-750.252482 -82.365781 -3121.120 -10.452381
0.75000 -12.376729 -561.751718 -10.452381
-736.545962 -81.760238 -3066.032 -10.452381
1.00000 -12.789126 -545.205870 -10.452381
-736.445294 -81.800488 -3110.669

COMB DL-G2-1 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 9.729379 111.095375 8.929423
535.028536 34.660466 1657.970 8.929423
0.25000 9.297736 122.775822 8.929423
531.963312 30.284251 1800.834 8.929423
0.50000 9.075960 135.508465 8.929423
528.989807 26.533787 1947.378 8.929423
0.75000 8.896547 149.111994 8.929423
525.832863 23.241026 2141.212 8.929423
1.00000 8.736485 163.388435 8.929423
522.767638 20.293624 2310.005

COMB DL-G2-1 ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -5.373144 -408.055482 -0.664506
-125.006496 -53.394220 -1692.265 -0.664506
0.25000 -5.873031 -386.052278 -0.664506
-125.006496 -58.412527 -1516.580 -0.664506
0.50000 -6.382414 -364.485704 -0.664506
-125.006496 -64.560306 -1382.531 -0.664506
0.75000 -6.897751 -343.569454 -0.664506
-125.006496 -71.601663 -1353.684 -0.664506
1.00000 -7.415287 -323.508793 -0.664506
-125.006496 -79.122850 -1334.693

COMB DL-G2-2 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 16.167490 189.617275 11.674119
734.558895 63.795393 2870.224 11.674119
0.25000 15.569857 205.119089 11.674119
740.071995 57.549217 3079.917 11.674119
0.50000 15.023144 222.033406 11.674119
745.958094 51.999332 3332.686 11.674119
0.75000 14.784155 240.117177 11.674119
751.098193 46.952696 3692.357 11.674119
1.00000 14.571186 259.120099 11.674119
756.611292 42.285133 4023.544

COMB DL-G2-2 ----- MIN
REL_DIST M2 M3 V2 V3
T
0.00000 -8.091887 -660.993392 -1.970951
-299.511974 -65.660220 -2965.510 -1.970951
0.25000 -8.726484 -632.381380 -1.970951
-299.511974 -70.728441 -2685.968 -1.970951
0.50000 -9.374765 -604.385810 -1.970951
-299.511974 -76.963741 -2492.902 -1.970951
0.75000 -10.032055 -577.289944 -1.970951
-299.511974 -84.261728 -2469.947 -1.970951
1.00000 -10.693387 -551.352788 -1.970951
-299.511974 -92.369977 -2456.448

COMB DL-G2-3 ----- MAX
REL_DIST M2 M3 V2 V3
T
0.00000 19.958380 222.345752 11.110815
753.714024 78.611429 3378.791 11.110815
0.25000 19.426522 236.142899 11.110815
758.296845 78.775224 3623.85

-772.883199 -87.129609 -3333.697
0.50000 -11.968434 -673.967663 -10.862675
-750.252482 -90.094303 -3161.693
0.75000 -12.510774 -649.828518 -10.862675
-736.545962 -94.283894 -3169.793
1.00000 -13.100216 -626.720502 -10.862675
-736.445294 -99.424539 -3186.544

ELEM 70 ===== LENGTH =
5.035998

COMB DB-G1-1 ----- MAX
REL DIST M2 P M3 V2 V3

0.00000 4.290020 37.681363 1.858667
48.219212 51.658170 902.030075
0.25000 4.282359 37.951016 1.858667
49.032574 53.076502 969.797364
0.50000 4.275534 38.234554 1.858667
49.882214 55.536689 1044.393
0.75000 4.269804 38.528790 1.858667
50.761197 59.159628 1124.774
1.00000 4.263731 38.654384 1.858667
51.783809 60.609786 1209.016

COMB DB-G1-1 ----- MIN
REL DIST M2 P M3 V2 V3

T M2 M3
0.00000 -3.140347 -85.418082 -5.476479
-315.479505 -7.307873 -793.612830
0.25000 -3.147760 -85.009066 -5.476479
-314.457555 -5.853256 -766.438469
0.50000 -3.154595 -84.787208 -5.476479
-313.598136 -5.604881 -739.390782
0.75000 -3.162083 -84.492563 -5.476479
-312.794722 -5.496187 -712.396922
1.00000 -3.169586 -84.208471 -5.476479
-312.032160 -5.401101 -685.403082

COMB DB-G1-2 ----- MAX
REL DIST M2 P M3 V2 V3

0.00000 7.499942 79.996376 2.809862
205.962658 69.300968 2175.494
0.25000 7.499658 80.006366 2.809862
205.992825 70.755881 2275.413
0.50000 7.499405 80.016871 2.809862
206.024335 73.539101 2415.375
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F O R C E S

REL DIST M2 P M3 V2 V3

0.75000 7.499166 80.027772 2.809862
206.056962 72.66327 2596.481
1.00000 7.498965 80.039836 2.809862
206.094860 82.628173 2806.778

COMB DB-G1-2 ----- MIN
REL DIST M2 P M3 V2 V3

0.00000 -4.504733 -210.739231 -7.231377
-541.508939 -26.864877 -1549.173
0.25000 -4.505004 -210.727040 -7.231377
-541.471036 -24.108654 -1489.506
0.50000 -4.505276 -210.715857 -7.231377
-541.439126 -21.441386 -1429.984
0.75000 -4.505538 -210.704941 -7.231377
-541.409331 -18.845599 -1370.509
1.00000 -4.505826 -210.694416 -7.231377
-541.381048 -16.545827 -1311.035

COMB DB-G1-3 ----- MAX
REL DIST M2 P M3 V2 V3

0.00000 10.952871 161.585981 6.281203
355.308100 67.397570 3707.975
0.25000 10.540900 176.909778 6.281203
386.582027 68.245772 3917.659
0.50000 10.330832 193.080624 6.281203
417.834322 70.362659 4141.932
0.75000 10.330832 209.901443 6.281203
456.343373 73.659799 4381.450
1.00000 10.330832 227.921897 6.281203
499.914692 78.002016 4625.168

COMB DB-G1-3 ----- MIN
REL DIST M2 P M3 V2 V3

0.00000 -8.906715 -454.367220 -7.953301
-597.265530 -63.245655 -2164.098
0.25000 -8.338813 -436.141088 -7.953301
-564.843856 -62.318814 -2070.050
0.50000 -9.760218 -418.848005 -7.953301
-542.465223 -61.859918 -1976.187
0.75000 -10.717660 -401.965448 -7.953301
-540.048521 -11.186632 -1862.102
1.00000 -10.989539 -385.698982 -7.953301
-540.048521 -63.693484 -1788.636

COMB DB-G2-1 ----- MAX
REL DIST M2 P M3 V2 V3

0.00000 5.145295 115.665389 6.017163
355.382264 11.597915 2228.932
0.25000 5.145295 133.353450 6.017163
355.382264 9.988207 2378.2925
0.50000 5.145295 152.121025 6.017163
355.382264 8.401277 2500.510
0.75000 5.145295 171.713595 6.017163
355.382264 6.872714 2595.280
1.00000 5.145295 191.662975 6.017163
355.382264 5.382067 2663.274

COMB DB-G2-1 ----- MIN
REL DIST M2 P M3 V2 V3

0.00000 -7.049328 -327.763222 -1.654779
-55.799880 -5.086418 -341.912113
0.25000 -7.567141 -307.556658 -1.654779
-55.799880 -58.018107 -890.201529
0.50000 -8.071582 -287.350145 -1.654779
-55.799880 -61.142150 -838.532342
0.75000 -8.561719 -267.619315 -1.654779
-55.799880 -62.373423 -789.600293
1.00000 -9.028337 -248.625403 -1.654779
-55.799880 -70.374461 -735.443536

COMB DB-G2-2 ----- MAX
REL DIST M2 P M3 V2 V3

0.00000 8.459317 178.281263 7.875028
532.964680 22.362303 3783.414
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F O R C E S

REL DIST M2 P M3 V2 V3

0.25000 8.459317 201.702184 7.875028
532.964680 20.025074 3990.442
0.50000 8.459317 226.503959 7.875028
532.964680 17.723961 4190.068
0.75000 8.459317 252.359667 7.875028
532.964680 15.427875 4383.981
1.00000 8.459317 279.195729 7.875028
540.904936 13.780985 4563.096

COMB DB-G2-2 ----- MIN
REL DIST M2 P M3 V2 V3

T M2 M3
0.00000 -9.532561 -518.366769 -2.893202
-220.464280 -82.023696 -1724.534
0.25000 -10.208907 -491.199919 -2.893202
-220.464280 -83.577976 -1635.791
0.50000 10.868083 -464.564555 -2.893202
-220.464280 -86.492049 -1547.171
0.75000 -11.509654 -438.556400 -2.893202
-220.464280 -90.674729 -1458.992
1.00000 -12.140371 -413.512135 -2.893202
-220.464280 -95.864462 -1370.213

COMB DB-G2-3 ----- MAX
REL DIST M2 P M3 V2 V3

0.00000 10.813705 191.642507 8.018658
529.795816 48.390649 4276.428
0.25000 10.813705 212.426545 8.018658
529.795816 48.081201 4513.166
0.50000 10.813705 234.438021 8.018658
529.795816 48.128062 4755.305
0.75000 10.813705 257.386564 8.018658
529.795816 48.704516 5005.393
1.00000 10.813705 281.183301 8.018658
532.632888 50.216248 5251.191

COMB DB-G2-3 ----- MIN
REL DIST M2 P M3 V2 V3

T M2 M3
0.00000 -10.340130 -546.061110 -6.077093
-440.188961 -86.637674 -2231.249
0.25000 -10.940721 -521.970247 -6.077093
-440.188961 -86.825053 -2176.240
0.50000 -11.526052 -498.328591 -6.077093
-440.188961 -88.283911 -2021.029
0.75000 -12.095705 -475.243640 -6.077093
-440.188961 -90.998366 -1916.143
1.00000 -12.654868 -453.014559 -6.077093
-440.188961 -94.611891 -1811.257

COMB DL-G1-1 ----- MAX
REL DIST M2 P M3 V2 V3

0.00000 5.960880 63.769069 1.461721
62.339882 50.600944 1307.194
0.25000 5.974090 63.984524 1.461721
63.009220 53.561727 1394.901
0.50000 5.967699 64.217881 1.461721
63.731545 57.499952 1484.178
0.75000 5.961746 64.465877 1.461721
64.496235 62.504019 1574.795
1.00000 5.956280 64.725894 1.461721
65.293480 68.207943 1665.975

COMB DL-G1-1 ----- MIN
REL DIST M2 P M3 V2 V3

T M2 M3
0.00000 -4.884693 -121.116249 -6.576444
-371.641255 -15.853981 -1162.303
0.25000 -4.891487 -120.794842 -6.576444
-370.932347 -13.176520 -1187.406
0.50000 -4.885260 -120.438969 -6.576444
-370.263260 -11.179361 -1213.483
0.75000 -4.905826 -120.187411 -6.576444
-369.644189 -9.934182 -1239.553
1.00000 -4.913294 -119.907192 -6.576444
-369.084502 -9.054902 -1265.636
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F O R C E S

REL DIST M2 P M3 V2 V3

0.00000 10.386952 140.157172 2.896357
231.524435 75.321080 2825.145
0.25000 10.386793 140.162200 2.896357
231.540249 78.045798 2985.612
0.50000 10.386644 140.167645 2.896357
231.557309 81.956898 3158.600
0.75000 10.386504 140.173433 2.896357
231.575368 86.861959 3357.223
1.00000 10.386376 140.179501 2.896357
231.594199 92.486677 3564.425

COMB DL-G1-2 ----- MIN
REL DIST M2 P M3 V2 V3

0.00000 -7.513950 -278.091603 -8.854406
-604.380595 -38.847083 -2247.517
0.25000 -7.514108 -278.084109 -8.854406
-604.363768 -34.647349 -2287.300
0.50000 -7.514272 -278.076866 -8.854406
-604.347891 -31.052657 -2327.100
0.75000 -7.514442 -278.069948 -8.854406
-604.331191 -27.936479 -2366.878
1.00000 -7.514616 -278.063424 -8.854406
-604.319892 -25.219589 -2406.689

COMB DL-G1-3 ----- MAX
REL DIST M2 P M3 V2 V3

T M2 M3
0.00000 16.198945 235.190352 7.049081
441.984230 82.764578 4361.780
0.25000 15.852484 246.837220 7.049081
469.631529 83.963801 4644.963
0.50000 15.526211 259.421958 7.049081
497.557065 86.227181 4918.007
0.75000 15.222598 272.773166 7.049081
528.273454 89.618282 5187.432
1.00000 15.034606 286.739396 7.049081
560.137386 93.806049 5438.468

COMB DL-G1-3 ----- MIN
REL DIST M2 P M3 V2 V3

0.00000 -11.567772 -520.665633 -9.360155
-680.461074 -74.903518 3110.433
0.25000 -11.958842 -502.07902 -9.360155
-656.061042 -73.687076 -3147.345
0.50000 -12.358742 -485.933921 -9.360155
-633.078959 -73.390975 -3184.287
0.75000 -12.772863 -469.526793 -9.360155
-612.086347 -73.946777 3221.236
1.00000 -13.194438 -453.992868 -9.360155
-609.008432 -75.176125 -3258.180

COMB DL-G2-1 ----- MAX
REL DIST M2 P M3 V2 V3

0.00000 8.436789 136.907756 7.021176
411.688011 18.069526 2311.180
0.25000 8.213110 150.344517 7.021176
408.602888 16.195769 2489.031
0.50000 8.043564 164.813577 7.021176
405.536641 14.620359 2635.773
0.75000 7.891345 180.13546 7.021176
402.472042 13.052768 2750.784
1.00000 7.755533 196.091715 7.021176
399.406719 11.537117 2834.103

COMB DL-G2-1 ----- MIN
REL DIST M2 P M3 V2 V3

T M2 M3
0.00000 -6.617721 -338.344532 -1.665158
-78.947619 -55.155038 330.005
0.25000 -7.609022 -317.543050 -1.665158
-78.947619 -59.085892 -1332.680
0.50000 -7.609028 -297.249646 -1.665158
-78.947619 -63.902212 -1330.346
0.75000 -8.122387 -277.673477 -1.665158
-78.947619 -69.261378 -1327.959
1.00000 -8.641547 -259.012095 -1.665158
-78.947619 -74.956853 -1325.792
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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 M2 P M3 V2 V3

0.00000 13.867137 232.080868 9.530431
604.461074 40.261300 4024.767
0.25000 13.372506 249.765286 9.530431
609.642351 36.760710 4296.072
0.50000 13.044315 268.822301 9.530431
615.155628 33.664550 4539.714
0.75000 12.388904 289.020794 9.530431
620.868905 16.642422 4815.322
1.00000 12.656143 310.088689 9.530431
626.182181 28.111133 4953.028

COMB DL-G2-2 ----- MIN
REL DIST M2 P M3 V2 V3

0.00000 -9.933861 -550.311684 -3.281905
-253.729257 -86.713179 -2456.710
0.25000 -10.557276 -523.164266 -3.281905
-253.729257 90.260306 -2462.550
0.50000 -11.201161 -496.723173 -3.281905
-253.729257 -94.744317 -2468.366
0.75000 -11.859750 -471.274204 -3.281905
-253.729257 -100.090502 -2474.207
1.00000 -12.625736 -447.069600 -3.281905
-253.729257 -106.049761 -2480.109

COMB DL-G2-3 ----- MAX
REL DIST M2 P M3 V2 V3

T M2 M3
0.00000 16.784127 263.254568 9.639818
613.491691 82.764578 4801.210
0.25000 16.344339 278.994531 9.639818
618.074660 83.863081 5119.244
0.50000 16.061933 295.960711 9.639818
622.657829 86.279163 5417.568
0.75000 15.879263 313.942493 9.639818
627.240599 89.618282 5701.792
1.00000 15.716686 332.697327 9.639818
631.823568 93.806049 5957.100

COMB DL-G2-3 ----- MIN
REL DIST M2 P M3 V2 V3

0.00000 -12.013143 -604.600425 -7.102722
-680.461074 -93.211125 -3186.568
0.25000 -12.568836 -580.423126 -7.102722
-656.061042 -94.671436 -3210.743
0.50000 -13.142714 -556.872853 -7.102722
-633.078959 -97.208016 -3234.896
0.75000 -13.729644 -534.204392 -7.102722
-612.086347 -100.677032 -3259.068
1.00000 -14.324716 -512.642757 -7.102722
-609.008432 -104.049761 -3283.303

COMB DB ----- MAX
REL DIST M2 P M3 V2 V3

0.00000 10.952871 191.642507 8.018658
532.964680 60.300968 4276.428
0.25000 10.813705 212.426545 8.018658
532.964680 70.755881 4513.166
0.50000 10.813705 234.438021 8.018658
532.964680 73.539101 4755.305
0.75000 10.813705 257.386564 8.018658
532.964680 76.66327 5005.393
1.00000 10.813705 281.183301 8.018658
540.904936 82.628173 5251.191

COMB DB ----- MIN
REL DIST M2 P M3 V2 V3

0.00000 -10.340130 -546.061110 -7.953301
-597.265530 -86.637674 -2231.249
0.25000 -10.940721 -521.970247 -7.953301
-564.843856 -86.825053 -2176.240
0.50000 -11.526052 -498.328591 -7.953301
-542.465223 -88.283911 -2021.029
0.75000 -12.095705 -475.243640 -7.953301
-541.409331 -90.998366 -1916.143
1.00000 -12.654868 -453.014559 -7.953301
-541.381048 -94.611891 -1811.257
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0.25000 -16.229637 -1311.001 -6.239735 0.00000 -13.445032 -376.373715 -6.874558 0.00000 -11.543324 -462.051477 -4.649072
0.25000 -14.610711 -165.075878 -6.239735 391.524694 -90.313956 -1404.633 275.332501 -98.754549 -2480.268
-443.863989 -15.102498 -1242.863 -6.239735 COMB DL-G1-1 ----- MAX
0.50000 -46.10960 -165.064591 -6.239735 REL DIST M2 P M3 V2 V3
0.00000 4.174759 69.386127 2.593832
0.25000 4.454263 69.619189 2.593832
91.065423 64.750111 1705.912
0.50000 4.462459 69.869919 2.593832
91.756478 67.003723 1748.411
0.75000 4.456843 69.135516 2.593832
92.493410 69.873927 1791.925
1.00000 4.451667 70.410305 2.593832
93.265630 73.136971 1836.312

COMB DL-G1-1 ----- MIN
REL DIST M2 P M3 V2 V3
0.00000 -4.367235 -94.269425 -4.889294
-264.758817 -8.628052 -1265.483
0.25000 -4.374066 -93.982108 -4.889294
-264.038238 -8.218239 -1282.371
0.50000 -4.381247 -93.665919 -4.889294
-263.354290 -7.898526 -1299.371
0.75000 -4.388705 -93.363761 -4.889294
-262.715975 -7.595354 -1316.371
1.00000 -4.396903 -93.118100 -4.889294
-262.133292 -7.298972 -1333.359

COMB DL-G1-2 ----- MAX
REL DIST M2 P M3 V2 V3
0.00000 7.842420 161.798014 4.236171
282.940755 86.439414 3563.404
0.25000 7.842272 161.803449 4.236171
282.955780 87.390629 3623.214
0.50000 7.842132 161.809397 4.236171
282.972120 89.267154 3698.769
0.75000 7.842000 161.815493 4.236171
282.989541 92.010017 3797.496
1.00000 7.841879 161.821968 4.236171
283.007800 95.420462 3907.245

COMB DL-G1-2 ----- MIN
REL DIST M2 P M3 V2 V3
0.00000 -7.304575 -220.077123 -6.842193
-455.406152 -9.793633 -2406.450
0.25000 -7.304793 -220.068955 -6.842193
-455.389115 -23.184531 -2435.149
0.50000 -7.304901 -220.063050 -6.842193
-485.372906 -21.825798 -2463.826
0.75000 -7.305075 -220.056471 -6.842193
-485.357766 -20.754700 -2492.590
1.00000 -7.305253 -220.050295 -6.842193
-485.343944 -19.862904 -2521.197

COMB DL-G1-3 ----- MAX
REL DIST M2 P M3 V2 V3
0.00000 13.176997 275.895655 7.263515
422.964014 88.120778 5438.018
0.25000 12.859994 288.626731 7.263515
447.279576 88.956398 5574.653
0.50000 12.859994 288.626731 7.263515
474.030938 90.657768 5699.578
0.75000 12.276032 316.702517 7.263515
506.649890 93.177813 5819.999
1.00000 12.150608 331.727597 7.263515
532.529965 96.318644 5924.304
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FRAME ELEMENT INTERNAL FORCES
REL DIST M2 P M3 V2 V3
0.00000 14.012423 313.127997 8.524284
524.042723 62.839579 5957.366
0.25000 13.618994 330.514990 8.524284
527.578429 88.956398 6115.079
0.50000 13.419408 349.116938 8.524284
532.140978 90.657768 6251.320
0.75000 13.256032 368.704834 8.524284
536.724701 93.177813 6373.404
1.00000 13.111606 389.049444 8.524284
541.307864 96.318644 6468.890

COMB DL-G2-3 ----- MIN
REL DIST M2 P M3 V2 V3
0.00000 -13.666332 -500.507350 -8.246422
-601.598308 -98.754549 -3283.323
0.25000 -13.718741 -477.574867 -8.246422
-575.908364 -100.240499 -3311.520
0.50000 -14.292015 -455.328937 -8.246422
-551.424406 -102.472219 -3339.678
0.75000 -14.880802 -434.010595 -8.246422
-528.792097 -105.766024 -3367.948
1.00000 -15.479228 -413.841357 -8.246422
-508.597929 -109.843093 -3396.188

COMB DL-G2-3 ----- MAX
REL DIST M2 P M3 V2 V3
0.00000 12.149548 279.931170 7.471162
470.748734 27.310479 4953.897
0.25000 11.704880 299.455508 7.471162
474.851976 26.497092 5094.951
0.50000 11.470311 320.345567 7.471162
484.294935 25.844683 5206.774
0.75000 11.226520 342.344140 7.471162
485.800373 25.544356 5296.759
1.00000 11.124266 365.194054 7.471162
492.849779 25.478326 5354.993

COMB DL-G2-2 ----- MIN
REL DIST M2 P M3 V2 V3
0.00000 -7.595515 -285.754325 -2.869362
-115.945252 -69.674507 -1325.977
0.25000 -8.079269 -266.09335 -2.869362
-115.645252 -71.430205 -1327.615
0.50000 -8.579768 -246.939177 -2.869362
-115.945252 -73.795121 -1339.894
0.75000 -9.029393 -228.578602 -2.869362
-115.945252 -76.873676 -1346.948
1.00000 -9.611857 -211.174986 -2.869362
-115.945252 -80.492122 -1353.945

COMB DL-G2-2 ----- MAX
REL DIST M2 P M3 V2 V3
0.00000 12.149548 279.931170 7.471162
470.748734 27.310479 4953.897
0.25000 11.704880 299.455508 7.471162
474.851976 26.497092 5094.951
0.50000 11.470311 320.345567 7.471162
484.294935 25.844683 5206.774
0.75000 11.226520 342.344140 7.471162
485.800373 25.544356 5296.759
1.00000 11.124266 365.194054 7.471162
492.849779 25.478326 5354.993

COMB DL-G

M2 M3										364.626025	-19.123042	-2605.975	-512.057360 -87.811494 -1404.540										COMB DB-G1-2										MAX																																				
0.00000	-8.107154	-258.087519		-3.824517	COMB DL-G1-3										MAX										0.25000	-12.723864	-370.902070		-7.606170	REL_DIST										M2	P	M3	V2	V3																									
-173.637751	-68.190049	-558.439556		-3.824517																					469.315928	-86.703554	-1354.120		-7.606170																																								
0.25000	-8.488620	-237.533424			REL_DIST										P M3 V2										0.50000	13.198405	-347.080653																																										
-173.637751	-67.303287	-536.878783		-3.824517	0.00000										M2 M3										463.975807	90.602373	6469.014		7.867529																																								
0.50000	-8.883599	-217.177296			0.25000										M2 M3										469.784330	91.136319	6465.275		7.867529																																								
-173.637751	-67.720201	-586.821184		-3.824517	0.50000										M2 M3										494.328679	90.383765	6439.261		7.867529																																								
0.75000	-9.286406	-197.495775			469.784330										90.136319										6465.275		7.867529																																										
-173.637751	-69.362386	-636.763586		-3.824517	0.75000										90.602373										6469.014		7.867529																																										
1.00000	-9.684695	-178.57785			469.784330										90.136319										6465.275		7.867529																																										
-173.637751	-71.908105	-686.706008			0.50000										90.602373										6469.014		7.867529																																										
COMB DB-G2-2										MAX										COMB DL-G1-3										MIN										COMB DB-G1-2										MIN																			
REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3																			
0.00000	6.705818	292.681559		6.088925																																																																	
309.845668	14.188603	4946.324																																																																			
Program SAP2000 Nonlinear Version 7.42																																																																					
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REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3																			
0.25000	6.705818	317.574031		6.088925																																																																	
309.845668	14.502668	4961.015																																																																			
0.50000	6.705818	343.633318		6.088925																																																																	
309.845668	14.820751	4957.339																																																																			
0.75000	6.705818	370.524484		6.088925																																																																	
309.845668	15.628088	4958.931																																																																			
1.00000	6.705818	398.154847		6.088925																																																																	
319.938168	16.815089	4941.014																																																																			
COMB DB-G2-2										MIN										COMB DL-G1-3										MIN										COMB DB-G1-2										MAX																			
REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3																			
0.00000	-11.863569	-395.902631		-5.376870																																																																	
-331.681823	-87.811494	-1050.369																																																																			
0.25000	-12.481309	-368.297331		-5.376870																																																																	
-321.139469	-86.703554	-1011.145																																																																			
0.50000	-13.016642	-341.459177		-5.376870																																																																	
-321.139469	-87.100860	-1103.594																																																																			
0.75000	-13.562594	-315.492078		-5.376870																																																																	
-321.139469	-88.920720	-1196.044																																																																			
1.00000	-14.117285	-290.742695		-5.376870																																																																	
-321.139469	-92.315200	-1288.493																																																																			
COMB DB-G2-3										MAX										COMB DL-G1-3										MIN										COMB DB-G1-2										MAX																			
REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3																			
0.00000	7.348817	301.418967		7.853153																																																																	
424.897167	17.119186	5746.493																																																																			
0.25000	7.348817	323.512148		7.853153																																																																	
424.897167	16.886016	5748.235																																																																			
0.50000	7.348817	346.641906		7.853153																																																																	
424.897167	17.455769	5741.909																																																																			
0.75000	7.348817	370.510730		7.853153																																																																	
424.897167	19.255751	5752.052																																																																			
1.00000	7.348817	395.014039		7.853153																																																																	
429.743167	52.033065	5751.994																																																																			
COMB DB-G2-3										MIN										COMB DL-G1-3										MAX										COMB DB-G1-2										MIN																			
REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3																			
0.00000	-12.264948	-395.382938		-7.380864																																																																	
-433.313872	-83.596761	-1404.540																																																																			
0.25000	-12.723864	-370.902070		-7.380864																																																																	
-428.111493	-82.034576	-1354.120																																																																			
0.50000	-13.198405	-347.080653		-7.380864																																																																	
-428.111493	-81.869325	-1475.367																																																																			
0.75000	-13.682361	-324.033159		-7.380864																																																																	
-428.111493	-83.451194	-1596.613																																																																			
1.00000	-14.173447	-302.067618		-7.380864																																																																	
-428.111493	-87.174199	-1717.859																																																																			
COMB DL-G1-1										MAX										COMB DL-G1-3										MIN										COMB DB-G1-2										MAX																			
REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3																			
0.00000	3.119226	80.793947		3.774457																																																																	
173.324191	67.353592	1835.990																																																																			
0.25000	3.113106	81.043669		3.774457																																																																	
173.931306	67.179381	1823.780																																																																			
0.50000	3.107283	81.311056		3.774457																																																																	
174.594347	67.180622	1812.988																																																																			
0.75000	3.101818	81.592767		3.774457																																																																	
175.013444	67.816144	1803.290																																																																			
1.00000	3.096800	81.886180		3.774457																																																																	
176.047809	68.884666	1794.366																																																																			
COMB DL-G1-1										MIN										COMB DL-G1-3										MAX										COMB DB-G1-2										MIN																			
REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3																			
0.00000	5.604274	195.149595		5.569459																																																																	
383.175143	89.054951	3906.870																																																																			
0.25000	5.604131	195.155417		5.569459																																																																	
383.185620	88.997021	3906.701																																																																			
0.50000	5.603995	195.161652		5.569459																																																																	
383.205221	87.901758	3827.394																																																																			
0.75000	5.603867	195.168222		5.569459																																																																	
383.222009	88.677301	3817.269																																																																			
1.00000	5.603750	195.175065		5.569459																																																																	
383.239640	90.327783	3822.019																																																																			
COMB DL-G1-2										MIN										COMB DL-G1-3										MAX										COMB DB-G1-2										MIN																			
REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3																			
0.00000	-14.483805	-411.782656		-7.965554																																																																	
-484.494421	-99.100089	-3396.223																																																																			
0.25000	-15.044869	-390.138174		-7.965554																																																																	
-479.965013	-98.030352	-3426.984																																																																			
0.50000	-15.627964	-369.216398		-7.965554																																																																	
-476.621676	-98.747188	-3457.710																																																																			
0.75000	-16.227155	-349.269891		-7.965554																																																																	
-474.939768	-99.812041	-3488.434																																																																			
1.00000	-16.836618	-330.499251		-7.965554																																																																	
-474.710491	-101.876108	-3519.224																																																																			
COMB DB										MAX										COMB DL-G1-3										MIN										COMB DB-G1-2										MAX																			
REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3																			
0.00000	7.348817	301.418967		7.853153																																																																	
424.897167	17.119186	5746.493																																																																			
0.25000	7.348817	323.512148		7.853153																																																																	
440.124162	73.436688	5741.909																																																																			
0.50000	7.348817	346.641906		7.853153																																																																	
475.86001	73.436688	5741.909																																																																			
0.75000	7.348817	370.524484		7.853153																																																																	
475.86001	73.436688	5741.909																																																																			
1.00000	7.348817	398.154847		7.853153																																																																	
517.954271	73.436688	5751.994																																																																			
COMB DB										MAX										COMB DL-G1-3										MIN										COMB DB-G1-2										MAX																			
REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3										REL_DIST										P M3 V2 V3																			
0.00000	7.348817	301.418967		7.853153																																																																	
424.897167	17.119186	5746.493																																																																			
0.25000	7.348817	323.512148		7.853153																																																																	
440.124162	73.436688	5741.909																																																																			

0.00000	-12.829510	-330.009324	-7.515156
-480.326978	-81.292746	-1717.959	
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REL_DIST	M2	P	V2 V3
0.25000	-13.71473	-305.941920	-7.515156
-475.213072	-80.189251	-1841.120	
0.50000	-13.731292	-282.687161	-7.515156
-475.213072	-81.567019	-1964.290	
0.75000	-14.201684	-260.337690	-7.515156
-475.213072	-84.18655	-2087.461	
1.00000	-14.679006	-239.191897	-7.515156
-475.213072	-88.269698	-2210.631	
COMB DL-G1-1 ----- MAX			
REL_DIST	M2	P	V2 V3
0.00000	2.034481	104.956575	5.211829
275.087624	63.693942	1794.627	
0.25000	0.202640	105.260916	5.211829
275.667447	61.356871	1729.841	
0.50000	2.023077	105.543458	5.211829
276.309645	59.749968	1666.030	
0.75000	2.017684	105.840276	5.211829
276.996011	58.878217	1603.222	
1.00000	2.013076	106.148295	5.211829
277.724265	58.605991	1541.417	
COMB DL-G1-1 ----- MIN			
REL_DIST	M2	P	V2 V3
0.00000	-3.639284	-50.153806	-2.862372
-75.962617	-6.577714	-1376.547	
0.25000	-3.646491	-49.877086	-2.862372
-75.188920	-7.370058	-1380.353	
0.50000	-3.653929	-49.612119	-2.862372
-74.446040	-8.431728	-1384.219	
0.75000	-3.661732	-49.361606	-2.862372
-73.745937	-9.945219	-1388.256	
1.00000	-3.669753	-49.129033	-2.862372
-73.099268	-11.796747	-1392.267	
COMB DL-G1-2 ----- MAX			
REL_DIST	M2	P	V2 V3
0.00000	3.851567	246.730693	7.195950
500.208149	84.045754	3822.362	
0.25000	3.851430	246.736875	7.195950
500.221910	81.587357	3669.297	
0.50000	3.851300	246.743462	7.195950
500.237076	79.972665	3528.809	
0.75000	3.851178	246.750383	7.195950
500.253416	79.271102	3410.966	
1.00000	3.851066	246.755767	7.195950
500.270681	79.456685	3308.736	
COMB DL-G1-2 ----- MIN			
REL_DIST	M2	P	V2 V3
0.00000	-7.444512	-124.938362	-4.417379
-261.183074	-19.548709	-2605.981	
0.25000	-7.446679	-124.931907	-4.417379
-261.164767	-20.663422	-2618.740	
0.50000	-7.444853	-124.925724	-4.417379
-261.147218	-22.232656	-2631.530	
0.75000	-7.445035	-124.919880	-4.417379
-261.130665	-24.581546	-2644.278	
1.00000	-7.445222	-124.914455	-4.417379
-261.115369	-27.450441	-2657.036	
COMB DL-G1-3 ----- MAX			
REL_DIST	M2	P	V2 V3
0.00000	8.687117	407.213134	8.637281
513.307095	87.571449	5799.005	
0.25000	8.393201	421.860272	8.637281
533.289778	86.307983	5631.112	
0.50000	8.112692	437.396809	8.637281
555.811485	85.865419	5448.477	
0.75000	8.859657	456.576695	8.637281
580.312478	86.341064	5261.374	
1.00000	7.765011	470.466170	8.637281
606.171167	87.910490	5062.788	
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REL_DIST	M2	P	V2 V3
0.00000	-13.668080	-282.174036	-7.655079
-524.353363	-65.390700	-3507.339	
0.25000	-14.088981	-267.219295	-7.655079
-494.303333	-65.792594	-3533.694	
0.50000	-14.847940	-252.862950	-7.655079
-485.410519	-66.920366	-3560.115	
0.75000	-14.920784	-239.271247	-7.655079
-438.285850	-69.253873	-3586.534	
1.00000	-15.362873	-226.613942	-7.655079
-413.496949	-72.482447	-3612.932	
COMB DL-G2-1 ----- MAX			
REL_DIST	M2	P	V2 V3
0.00000	6.653026	234.331414	2.923286
95.176407	13.916955	2994.704	
0.25000	6.460570	251.804851	2.923286
95.176407	15.762014	2956.067	
0.50000	6.322832	270.220554	2.923286
95.176407	16.820030	2885.547	
0.75000	6.200100	289.381757	2.923286
95.176407	17.243880	2783.130	
1.00000	6.091920	309.063503	2.923286
95.176407	21.979191	2649.451	
COMB DL-G2-1 ----- MIN			
REL_DIST	M2	P	V2 V3
0.00000	-9.447196	-208.561935	-5.550526
-305.138594	-72.686817	-1406.566	
0.25000	-9.937542	-191.308324	-5.550526
-308.203816	-70.385717	-1426.626	
0.50000	-10.445060	-174.380293	-5.550526
-311.269039	-68.703833	-1446.687	
0.75000	-10.964636	-158.891300	-5.550526
-314.334261	-67.759080	-1446.872	
1.00000	-11.490479	-144.131497	-5.550526
-317.399546	-67.490829	-1486.870	

COMB DL-G2-2 ----- MAX					
REL DIST	M2	P	V2	V3	
0.00000	10.050379	404.629018			4.716342
254.636710	28.637471	5245.560			
0.25000	9.637504	427.348941			4.716342
254.636710	30.632079	5132.052			
0.50000	9.380402	451.348099			4.716342
254.636710	33.163790	4987.415			
0.75000	9.217005	476.369790			4.716342
254.640502	35.738161	4821.216			
1.00000	9.074161	502.128925			4.716342
255.659884	38.781166	4626.502			
COMB DL-G2-2 ----- MIN					
REL DIST	M2	P	V2	V3	
0.00000	-14.854869	-328.158356			-7.767733
-511.084823	-98.896482	-2643.207			
0.25000	-15.486912	-305.457339			-7.767733
-503.732147	-96.425976	-2675.244			
0.50000	-16.143351	-283.609212			-7.767733
-498.219052	-94.761840	-2707.334			
0.75000	-16.817484	-262.886055			-7.767733
-492.709749	-94.526939	-2739.493			
1.00000	-17.501967	-243.539955			-7.767733
-488.216035	-95.290952	-2771.606			
COMB DL-G2-3 ----- MAX					
REL DIST	M2	P	V2	V3	
0.00000	10.210976	460.985016			7.528632
438.538320	63.627585	6334.032			
0.25000	9.844015	481.223231			7.528632
438.538320	64.249931	6170.136			
0.50000	9.622512	502.597205			7.528632
438.538320	65.451746	5980.850			
0.75000	9.477105	524.880964			7.528632
438.538320	67.367260	5777.577			
1.00000	9.349945	547.819592			7.528632
439.237638	70.089867	5553.382			
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COMB DL-G2-3 ----- MIN					
REL DIST	M2	P	V2	V3	
0.00000	-15.891751	-338.991627			-8.846485
-546.059333	-95.402046	-3519.270			
0.25000	-16.459230	-318.780375			-8.846485
-541.476514	-93.845552	-3552.878			
0.50000	-17.039748	-299.327452			-8.846485
-536.893696	-93.220066	-3586.525			
0.75000	-17.640268	-280.875404			-8.846485
-532.310877	-94.134846	-3620.223			
1.00000	-18.249931	-263.648598			-8.846485
-528.427378	-96.176749	-3653.886			
COMB DB ----- MAX					
REL DIST	M2	P	V2	V3	
0.00000	6.503254	375.35159			7.900257
461.963976	72.079656	5751.933			
0.25000	6.503254	397.972068			7.900257
464.120622	70.320287	5633.092			
0.50000	6.503254	421.142401			7.900257
486.220547	70.658037	5511.716			
0.75000	6.503254	444.939856			7.900257
520.220451	72.319696	5395.780			
1.00000	6.503254	469.241411			7.900257
560.726875	74.957317	5273.823			
COMB DB ----- MIN					
REL DIST	M2	P	V2	V3	
0.00000	-12.829510	-337.203620			-7.515156
-480.326978	-85.810136	-1717.959			
0.25000	-13.271473	-310.062264			-7.515156
-475.213072	-83.678873	-1841.120			
0.50000	-13.731292	-283.860744			-7.515156
-475.213072	-84.159581	-1964.290			
0.75000	-14.201684	-260.337690			-7.515156
-475.213072	-86.211752	-2087.461			
1.00000	-14.738343	-239.191897			-7.515156
-475.213072	-89.332451	-2210.631			
COMB DL ----- MAX					
REL DIST	M2	P	V2	V3	
0.00000	10.210976	460.985016			8.637281
513.307095	87.571449	6334.032			
0.25000	9.844015	481.223231			8.637281
533.289778	86.307983	6170.136			
0.50000	9.622512	502.597205			8.637281
555.811485	85.865419	5980.850			
0.75000	9.477105	524.880964			8.637281
580.312478	86.341064	5777.577			
1.00000	9.349945	547.819592			8.637281
606.171167	87.910490	5553.382			
COMB DL ----- MIN					
REL DIST	M2	P	V2	V3	
0.00000	-15.891751	-338.991627			-8.846485
-546.059333	-98.896482	-3519.270			
0.25000	-16.459230	-318.780375			-8.846485
-541.476514	-96.425976	-3552.878			
0.50000	-17.039748	-299.327452			-8.846485
-536.893696	-94.761840	-3586.525			
0.75000	-17.640268	-280.875404			-8.846485
-532.310877	-94.526939	-3620.223			
1.00000	-18.249931	-263.648598			-8.846485
-528.427378	-96.176749	-3653.886			
COMB CAR ----- MAX					
REL DIST	M2	P	V2	V3	
0.00000	10.210976	460.985016			8.637281
513.307095	87.571449	6334.032			
0.25000	9.844015	481.223231			8.637281
533.289778	86.307983	6170.136			
0.50000	9.622512	502.597205			8.637281
555.811485	85.865419	5980.850			
0.75000	9.477105	524.880964			8.637281
580.312478	86.341064	5777.577			
1.00000	9.349945	547.819592			8.637281
606.171167	87.910490	5553.382			
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0.50000	2.959540	301.680507	8.962691
624.261801	66.578945	2618.827	
0.75000	2.959540	301.687710	8.962691
624.277771	64.281976	2618.827	
1.00000	2.959315	301.695145	8.962691
624.294586	62.842467	2400.050	
COMB DL-G1-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.113955	-102.594296	-2.887725
-225.635696	-26.447856	-2657.198	
0.25000	-8.114126	-102.588229	-2.887725
-225.617469	-30.413175	-2656.112	
0.50000	-8.114305	-102.582457	-2.887725
-225.592918	-34.869555	-2655.018	
0.75000	-8.114490	-102.577047	-2.887725
-225.582084	-39.707407	-2653.912	
1.00000	-8.114680	-102.572070	-2.887725
-225.566300	-44.994933	-2652.830	
COMB DL-G1-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.517685	494.225290	9.332345
619.894506	82.392172	5063.275	
0.25000	7.229830	509.741149	9.332345
621.988297	80.734148	4750.473	
0.50000	6.956419	526.088402	9.332345
643.002138	80.078916	4420.618	
0.75000	6.708615	543.074347	9.332345
665.859628	80.450539	4087.589	
1.00000	6.617873	560.540958	9.332345
689.969572	81.793388	3744.122	
COMB DL-G1-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-15.127640	-237.111230	-7.177506
-562.170363	-65.719028	-3613.055	
0.25000	-15.53732	-223.200488	-7.177506
-529.815227	-67.745395	-3613.055	
0.50000	-15.965083	-209.926633	-7.177506
-498.739990	-70.669852	-3655.822	
0.75000	-16.405213	-197.464633	-7.177506
-469.595622	-74.340285	-3677.149	
1.00000	-16.853553	-185.987648	-7.177506
-442.954877	-78.771951	-3782.664	
COMB DL-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.494547	283.989182	1.491253
75.358469	20.905723	2648.622	
0.25000	6.017765	302.583888	1.491253
75.358469	24.252172	2536.160	
0.50000	5.884747	322.049130	1.491253
75.358469	27.880732	2392.696	
0.75000	5.766500	342.187637	1.491253
75.358469	31.853066	2121.131	
1.00000	5.662924	362.761937	1.491253
75.358469	36.288740	2013.246	
COMB DL-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-10.575945	-176.324944	-7.154512
-421.090372	-62.411921	-1486.874	
0.25000	-11.074643	-160.526597	-7.154512
-424.155836	-67.745395	-1519.164	
0.50000	-11.589864	-154.384405	-7.154512
-427.221300	-75.1496230	-1551.526	
0.75000	-12.116449	-131.113148	-7.154512
-430.286764	-51.314216	-1583.730	
1.00000	-12.648705	-117.892981	-7.154512
-433.352228	-49.220999	-1616.184	
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COMB DL-G2-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.250690	488.873534	2.965220
246.895637	37.579834	4625.628	
0.25000	8.845502	513.013063	2.965220
246.883490	42.057709	4383.821	
0.50000	8.557515	538.339668	2.965220
246.883490	46.918407	4108.925	
0.75000	8.401263	564.580365	2.965220
246.883490	52.253770	3815.633	
1.00000	8.265346	591.451816	2.965220
246.883490	58.119908	3495.101	
COMB DL-G2-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-16.806979	-274.135029	-9.629310
-647.091693	-87.572162	-2771.566	
0.25000	-17.451088	-253.230822	-9.629310
-640.917061	-83.644687	-2818.105	
0.50000	-18.118547	-233.227998	-9.629310
-635.403531	-80.600309	-2864.710	
0.75000	-18.802601	-214.399770	-9.629310
-629.890001	-78.577768	-2911.119	
1.00000	-19.495713	-196.998929	-9.629310
-624.376471	-77.490478	-2957.836	
COMB DL-G2-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.177442	559.887252	6.855397
496.294597	85.807600	5553.129	
0.25000	8.817297	581.390368	6.855397
497.294597	87.556494	5232.407	
0.50000	8.567567	603.949031	6.855397
496.294597	70.273118	4883.792	
0.75000	8.428484	627.320243	6.855397
496.294597	73.753589	4522.316	
1.00000	8.307459	651.251402	6.855397
496.294597	78.053371	4141.125	
COMB DL-G2-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-17.910193	-283.136479	-9.721483
-646.438451	-88.753794	-3653.933	
0.25000	-18.484067	-264.528991	-9.721483
-641.855272	-86.993406	-3693.362	
0.50000	-19.078677	-246.722728	-9.721483
-637.272092	-86.253232	-3732.864	
0.75000	-19.688024	-229.961257	-9.721483
-632.688912	-86.674645	-3772.180	
1.00000	-20.305457	-214.461514	-9.721483
-628.105733	-88.221394	-3811.814	
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FRAME ELEMENT INTERNAL FORCES			
ELEM 75 ----- LENGTH =			
COMB DB-G1-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.536560	97.726496	5.828207
393.653154	40.805368	966.869970	
0.25000	1.556599	98.257838	5.828207
394.353343	36.013194	861.058072	
0.50000	1.550441	98.544475	5.828207
395.182999	32.008279	758.950886	

COMB DB ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.915582	451.238365	7.694600
555.053939	69.291146	5273.761	
0.25000	5.915582	473.236742	7.694600
555.082714	67.275796	5036.093	
0.50000	5.915582	496.029698	7.694600
555.129222	66.287952	4797.474	
0.75000	5.915582	519.303036	7.694600
575.100180	66.471324	4569.190	
1.00000	5.915582	542.950231	7.694600
604.756108	67.594924	4347.117	
COMB DB ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-13.445224	-279.868777	-7.367859
-550.945175	-81.158907	-2210.715	
0.25000	-13.885474	-253.597321	-7.367859
-541.910602	-79.364989	-2338.324	
0.50000	-14.395116	-231.155083	-7.367859
-541.910602	-79.417984	-2466.097	
0.75000	-14.922249	-209.720707	-7.367859
-541.910602	-80.539347	-2593.926	
1.00000	-15.457192	-189.500449	-7.367859
-541.910602	-82.575408	-2721.756	
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FRAME ELEMENT INTERNAL FORCES			
COMB DL ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.250690	559.887252	9.332345
624.233392	82.392172	5553.129	
0.25000	8.845502	581.390368	9.332345
624.246925	80.734148	5232.407	
0.50000	8.567567	603.949031	9.332345
643.002138	80.078916	4883.792	
0.75000	8.428484	627.320243	9.332345
665.859628	80.450539	4522.316	
1.00000	8.307459	651.251402	9.332345
689.969572	81.793388	4141.125	
COMB DL ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-17.910193	-283.136479	-9.721483
-647.091693	-88.753794	-3653.933	
0.25000	-18.484067	-264.528991	-9.721483
-641.855272	-86.993406	-3693.362	
0.50000	-19.078677	-246.722728	-9.721483
-637.272092	-86.253232	-3732.864	
0.75000	-19.688024	-229.961257	-9.721483
-632.688912	-86.674645	-3772.180	
1.00000	-20.305457	-214.461514	-9.721483
-628.105733	-88.221394	-3811.814	
COMB CAR ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.250690	559.887252	9.332345
624.233392	82.392172	5553.129	
0.25000	8.845502	581.390368	9.332345
624.246925	80.734148	5232.407	
0.50000	8.567567	603.949031	9.332345
643.002138	80.078916	4883.792	
0.75000	8.428484	627.320243	9.332345
665.859628	80.450539	4522.316	
1.00000	8.307459	651.251402	9.332345
689.969572	81.793388	4347.117	
COMB CAR ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-17.910193	-283.136479	-9.721483
-647.091693	-88.753794	-3653.933	
0.25000	-18.484067	-264.528991	-9.721483
-641.855272	-86.993406	-3693.362	
0.50000	-19.078677	-246.722728	-9.721483
-637.272092	-86.253232	-3732.864	
0.75000	-19.688024	-229.961257	-9.721483
-632.688912	-86.674645	-3772.180	
1.00000	-20.305457	-214.461514	-9.721483
-628.105733	-88.221394	-3811.814	
COMB DESIGN ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.250690	559.887252	9.332345
624.233392	82.392172	5553.129	
0.25000	8.845502	581.390368	9.332345
624.246925	80.734148	5232.407	
0.50000	8.567567	603.949031	9.332345
643.002138	80.078916	4883.792	
0.75000	8.428484	627.320243	9.332345
665.859628	80.450539	4522.316	
1.00000	8.307459	651.251402	9.332345
689.969572	81.793388	4347.117	
COMB DESIGN ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-17.910193	-283.136479	-9.721483
-647.091693	-88.753794	-3653.933	
0.25000	-18.484067	-264.528991	-9.721483
-641.855272	-86.993406	-3693.362	
0.50000	-19.078677	-246.722728	-9.721483
-637.272092	-86.253232	-3732.864	
0.75000	-19.688024	-229.961257	-9.721483
-632.688912	-86.674645	-3772.180	
1.00000	-20.305457	-214.461514	-9.721483
-628.105733	-88.221394	-3811.814	
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FRAME ELEMENT INTERNAL FORCES			
ELEM 75 ----- LENGTH =			
COMB DB-G1-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.536560	97.726496	5.8282

146.028711	44.594905	1616.949		
0.75000	5.236994	410.872729		0.367654
146.028711	50.517974	455.433		
1.00000	51.94895	432.153925		0.367654
146.028711	56.944502	1295.633		
COMB DL-G2-1 ----- MIN				
REL_DIST	P	M3	V2	V3
T				
0.00000	-11.865290	-143.650340		-8.516041
-553.506770	-44.957541	-1615.902		
0.25000	-12.374022	-129.450905		-8.516041
-556.571902	-39.179780	-1669.866		
0.50000	-12.899472	-115.943759		-8.516041
-559.637034	-34.153210	-1756.740		
0.75000	-13.436355	-103.312227		-8.516041
-562.702166	-30.005527	-1934.537		
1.00000	-13.980544	-91.679911		-8.516041
-565.767297	-26.706610	-2153.075		

COMB DL-G2-2 ----- MAX				
REL_DIST	P	M3	V2	V3
T				
0.00000	8.259636	593.676111		1.563211
324.542899	55.500742	494.931798		
0.25000	7.872154	619.398662		1.563211
324.542899	62.178680	3115.227		
0.50000	7.658439	646.192543		1.563211
324.542899	69.359552	2729.279		
0.75000	7.159220	673.810180		1.563211
324.542899	77.056275	2123.1047		
1.00000	7.400813	702.017204		1.563211
324.542899	85.441111	2204.528		

COMB DL-G2-2 ----- MIN				
REL_DIST	P	M3	V2	V3
T				
0.00000	-18.896224	-223.046400		-11.081632
-791.230165	-70.693537	-2957.631		
0.25000	-19.552889	-204.131121		-11.081632
-785.717232	-65.389632	-3029.589		
0.50000	-20.231482	-186.168759		-11.081632
-780.204299	-80.988185	-3137.472		
0.75000	-20.926155	-169.448615		-11.081632
-774.691367	-57.583231	-3407.531		
1.00000	-21.631072	-154.072470		-11.081632
-769.178434	-55.234610	-3752.825		

COMB DL-G2-3 ----- MAX				
REL_DIST	P	M3	V2	V3
T				
0.00000	8.193538	674.252548		6.423411
637.290446	73.159792	4140.762		
0.25000	7.849123	697.168662		6.423411
637.290446	76.089916	3661.158		
0.50000	7.665239	721.038230		6.423411
637.290446	79.921156	3176.888		
0.75000	7.541605	745.640824		6.423411
637.290446	87.755121	2523.574		
1.00000	7.435517	760.677595		6.423411
637.290446	90.779150	2523.574		
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COMB DL-G2-3 ----- MIN				
REL_DIST	P	M3	V2	V3
T				
0.00000	-20.270567	-235.281338		-10.543051
-814.056701	-7.872154	697.168662		
0.25000	-20.855656	-218.448555		-10.543051
-809.474018	-79.067766	-3861.569		
0.50000	-21.460249	-202.479837		-10.543051
-804.891335	-78.624991	-3994.973		
0.75000	-22.079137	-187.579800		-10.543051
-800.308652	-78.377219	-4208.377		
1.00000	-22.707119	-173.892486		-10.543051
-795.725969	-79.971099	-4566.045		

COMB DB-G2-1 ----- MAX				
REL_DIST	P	M3	V2	V3
T				
0.00000	5.402658	528.166242		7.680717
644.183324	62.397410	4347.020		
0.25000	5.402658	549.990353		7.680717
644.212799	59.075310	4005.566		
0.50000	5.402658	572.454009		7.680717
644.243566	56.628553	3664.793		
0.75000	5.402658	595.263818		7.680717
644.274707	55.109827	3336.777		
1.00000	5.402658	618.356824		7.680717
664.269247	54.717014	3020.410		

COMB DB-G2-2 ----- MIN				
REL_DIST	P	M3	V2	V3
T				
0.00000	-14.524293	-220.724453		-7.823591
-638.386956	-75.146317	-2321.790		
0.25000	-14.967560	-197.994871		-7.823591
-638.386956	-72.404918	-2857.927		
0.50000	-15.262540	-176.138041		-7.823591
-638.386956	-70.439171	-2994.324		
0.75000	-15.894235	-155.204417		-7.823591
-638.386956	-33.044223	-330.7021		
1.00000	-16.368762	-135.400414		-7.823591
-638.386956	-69.402190	-3267.358		

COMB DL-G2-1 ----- MAX				
REL_DIST	P	M3	V2	V3
T				
0.00000	8.259636	674.252548		10.490981
773.854473	76.864891	4140.762		
0.25000	7.872154	697.168662		10.490981
773.904001	76.089916	3661.158		
0.50000	7.665239	721.038230		10.490981
786.206139	79.921156	3176.888		
0.75000	7.541605	745.640824		10.490981
807.938060	84.756121	2823.808		
1.00000	7.435928	770.767595		10.490981
830.770092	90.779150	2523.574		

COMB DL-G2-2 ----- MIN				
REL_DIST	P	M3	V2	V3
T				
0.00000	-20.215667	-235.281338		-11.081632
-814.056701	-81.122276	-3811.835		
0.25000	-20.855656	-218.448555		-11.081632
-809.474018	-79.067766	-3861.569		
0.50000	-21.460249	-202.479837		-11.081632
-804.891335	-78.624991	-3994.973		
0.75000	-22.079137	-187.579800		-11.081632
-800.308652	-83.377219	-4208.377		
1.00000	-22.707119	-173.892486		-11.081632
-795.725969	-89.380029	-4566.045		

COMB CAR ----- MAX				

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	8.259636	674.252548		10.490981	
773.854473	76.864891	4347.020			
0.25000	7.872154	697.168662		10.490981	
773.904001	76.089916	4005.566			
0.50000	7.665239	721.038230		10.490981	
786.206139	79.921156	3664.793			
0.75000	7.541605	745.640824		10.490981	
807.938060	84.756121	3336.777			
1.00000	7.435928	770.767595		10.490981	
830.770092	90.779150	3020.410			
Program	SAP2000	Nonlinear	Version	7.42	
File:2교부산방향S1-S403.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	M2	P	M3	V2	V3
T					
0.00000	-20.270567	-235.281338		-11.081632	
-814.056701	-81.122276	-3811.835			
0.25000	-20.855656	-218.448555		-11.081632	
-809.474018	-79.067766	-3861.569			
0.50000	-21.460249	-202.479837		-11.081632	
-804.891335	-78.624991	-3994.973			
0.75000	-22.079137	-187.579800		-11.081632	
-800.308652	-83.377219	-4208.377			
1.00000	-22.707119	-173.892486		-11.081632	
-795.725969	-89.380029	-4566.045			

COMB DESIGN ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	8.259636	674.252548		10.490981	
773.854473	76.864891	4347.020			
0.25000	7.872154	697.168662		10.490981	
773.904001	76.089916	4005.566			
0.50000	7.665239	721.038230		10.490981	
786.206139	79.921156	3664.793			
0.75000	7.541605	745.640824		10.490981	
807.938060	84.756121	3336.777			
1.00000	7.435928	770.767595		10.490981	
830.770092	90.779150	3020.410			

COMB DESIGN ----- MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-20.270567	-235.281338		-11.081632	
-814.056701	-81.122276	-3811.835			
0.25000	-20.855656	-218.448555		-11.081632	
-809.474018	-79.067766	-3861.569			
0.50000	-21.460249	-202.479837		-11.081632	
-804.891335	-78.624991	-3994.973			
0.75000	-22.079137	-187.579800		-11.081632	
-800.308652	-83.377219	-4208.377			
1.00000	-22.707119	-173.892486		-11.081632	
-795.725969	-89.380029	-4566.045			

ELEM 76 ===== LENGTH = 5.036195					
COMB DB-G1-1 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	1.501583	106.348963		5.821924	
427.299003	24.000887	574.357030			
0.25000	1.494466	106.357256		5.821924	
428.123832	18.699650	462.419262			
0.50000	1.492244	106.911713		5.821924	
428.959844	14.155391	357.539436			
0.75000	1.492244	107.198614		5.821924	
429.825898	10.497397	262.651216			
1.00000	1.492244	107.507769		5.821924	
430.850014	7.742095	208.818778			

COMB DB-G1-1 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-1.942626	-30.119861		-0.221234	
-144.083715	-21.046190	-119.925			
0.25000	-1.949000	-29.813668		-0.221234	
-143.036233	-22.952329	-101.0123			
0.50000	-1.955534	-29.536497		-0.221234	
-142.113817	-25.229141	-100.842			
0.75000	-1.962148	-29.287185		-0.221234	
-141.222311	-27.374806	-99.935664			
1.00000	-1.969323	-29.050150		-0.221234	
-140.362661	-31.347941	-99.1485913			

COMB DB-G1-2 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.0000	2.246749		273.849390		7.487858
691.888080	36.192753		1447.265		
0.25000	2.246485		273.859712		7.487858
691.918665	29.936663		1157.132		
0.50000	2.246401		273.870238		7.487858
691.950033	24.491406		900.759647		
Program	SAP2001	Nonlinear	Version		7.42
File 2:교보산방S101-S403.DJT					

0.75000	6.788255	883.468248	6.046469
808.097462	104.282802	1660.205	
1.00000	6.715170	910.582084	6.046469
808.097462	112.949392	1487.065	
COMB DL-G2-3 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-23.206939	-189.674927	-10.231534
-942.107856	-73.969930	-4566.784	
0.25000	-23.835053	-175.044873	-10.231534
-937.524707	-86.937392	-5029.519	
0.50000	-24.483703	-161.290423	-10.231534
-932.942177	-72.856123	-5578.202	
0.75000	-25.148307	-148.578042	-10.231534
-928.358409	-74.579733	-6214.704	
1.00000	-25.824888	-137.034245	-10.231534
-923.775260	-78.076280	-6939.953	
COMB DB ----- MAX			
REL_DIST	M2	P	V2
0.00000	5.054212	610.062572	7.487858
717.177287	50.050131	3020.382	
0.25000	5.054212	632.088639	7.487858
717.177287	2580.296		
0.50000	5.054212	654.648097	7.487858
717.177287	53.961751	2139.128	
0.75000	5.054212	677.445938	7.487858
717.177287	57.696532	7173.047	
1.00000	5.054212	700.434719	7.487858
722.718900	61.439209	1324.677	
COMB DB ----- MIN			
REL_DIST	M2	P	V2
0.00000	-15.955051	-162.736670	-7.759532
-728.396604	-63.443836	-3267.294	
0.25000	-16.431056	-140.221997	-7.759532
-728.396604	-62.209291	-3416.682	
0.50000	-16.921792	-119.618675	-7.759532
-728.396604	-62.707293	-3566.143	
0.75000	-17.420709	-100.509416	-7.759532
-728.396604	-64.469328	-3716.201	
1.00000	-17.925974	-82.648404	-7.759532
-728.396604	-67.602802	-3866.965	
Program SAP2000 Nonlinear Version 7.42			
File2:교부산방항S1-S403.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 ----- MAX			
REL_DIST	M2	P	V2
0.00000	7.158358	806.192489	10.271174
903.570759	85.409595	2523.788	
0.25000	6.992186	831.099092	10.271174
903.809739	90.243871	2186.544	
0.50000	6.880414	856.913575	10.271174
906.008155	96.683464	1892.128	
0.75000	6.788255	883.468248	10.271174
929.226364	105.141424	1660.205	
1.00000	6.715170	910.582084	10.271174
953.893201	114.343705	1487.065	
COMB DL ----- MIN			
REL_DIST	M2	P	V2
0.00000	-23.206939	-189.674927	-10.820013
-942.107856	-82.899884	-4566.784	
0.25000	-23.835053	-175.044873	-10.820013
-937.524707	-86.937392	-5029.519	
0.50000	-24.483703	-161.290423	-10.820013
-932.942177	-72.856824	-5578.202	
0.75000	-25.148307	-148.578042	-10.820013
-928.358409	-78.489796	-6214.704	
1.00000	-25.824888	-137.034245	-10.820013
-923.775260	-106.226726	-6939.953	
COMB CAR ----- MAX			
REL_DIST	M2	P	V2
0.00000	7.158358	806.192489	10.271174
903.570759	85.409595	3020.382	
0.25000	6.992186	831.099092	10.271174
903.809739	90.243871	2580.296	
0.50000	6.880414	856.913575	10.271174
906.008155	96.683464	2139.128	
0.75000	6.788255	883.468248	10.271174
929.226364	105.141424	1713.047	
1.00000	6.715170	910.582084	10.271174
953.893201	114.343705	1487.065	
COMB CAR ----- MIN			
REL_DIST	M2	P	V2
0.00000	-23.206939	-189.674927	-10.820013
-942.107856	-92.899884	-4566.784	
0.25000	-23.835053	-175.044873	-10.820013
-937.524707	-86.937392	-5029.519	
0.50000	-24.483703	-161.290423	-10.820013
-932.942177	-72.856824	-5578.202	
0.75000	-25.148307	-148.578042	-10.820013
-928.358409	-98.489796	-6214.704	
1.00000	-25.824888	-137.034245	-10.820013
-923.775260	-106.226726	-6939.953	
COMB DESIGN ----- MAX			
REL_DIST	M2	P	V2
0.00000	7.158358	806.192489	10.271174
903.570759	85.409595	3020.382	
0.25000	6.992186	831.099092	10.271174
903.809739	90.243871	2580.296	
0.50000	6.880414	856.913575	10.271174
906.008155	96.683464	2139.128	
0.75000	6.788255	883.468248	10.271174
929.226364	105.141424	1713.047	
1.00000	6.715170	910.582084	10.271174
953.893201	114.343705	1487.065	
COMB DESIGN ----- MIN			
REL_DIST	M2	P	V2
0.00000	-23.206939	-189.674927	-10.820013
-942.107856	-82.899884	-4566.784	
0.25000	-23.835053	-175.044873	-10.820013
-937.524707	-86.937392	-5029.519	
0.50000	-24.483703	-161.290423	-10.820013
-932.942177	-72.856824	-5578.202	
0.75000	-25.148307	-148.578042	-10.820013
-928.358409	-98.489796	-6214.704	
1.00000	-25.824888	-137.034245	-10.820013
-923.775260	-106.226726	-6939.953	
Program SAP2000 Nonlinear Version 7.42			
File2:교부산방항S1-S403.OUT			

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ELEM		77		===== LENGTH =	
5.035705					
COMB DB-G1-1		-----		MAX	
REL DIST		P		V2 V3	
T		M2 M3			
0.00000		1.504858 98.132085		4.558910	
396.679939		7.142248 208.763919			
0.25000		1.504858 98.417421		4.558910	
397.568616		4.222951 240.148357			
0.50000		1.504858 98.706487		4.558910	
398.502435		2.482198 272.026314			
0.75000		1.504858 98.996357		4.558910	
399.495743		1.782150 306.602515			
1.00000		1.504858 99.307451		4.558910	
400.619118		2.126521 341.322417			
COMB DB-G1-1		-----		MIN	
REL DIST		P		V2 V3	
T		M2 M3			
0.00000		-1.814308 -44.188208		-1.653588	
-241.008743		-29.846845 -992.025704			
0.25000		-1.821074 -43.908564		-1.653588	
-239.921821		-31.275669 -956.831925			
0.50000		-1.827962 -43.663882		-1.653588	
-239.002279		-33.055467 -922.760781			
0.75000		-1.834898 -43.643926		-1.653588	
-238.109427		-35.271126 -889.336026			
1.00000		-1.842386 -43.643926		-1.653588	
-237.250372		-38.004375 -857.183645			
COMB DB-G1-2		-----		MAX	
REL DIST		P		V2 V3	
T		M2 M3			
0.00000		2.201747 280.083469		5.790203	
662.289900		16.106881 574.343076		5.790203	
0.25000		2.201747 280.094040		5.790203	
662.322849		16.264665 470.900798		5.790203	
0.50000		2.201747 280.104749		5.790203	
662.357513		16.786346 539.304163		5.790203	
0.75000		2.201747 280.115488		5.790203	
662.394339		17.375101 607.807408		5.790203	
1.00000		2.201747 280.127015		5.790203	
662.435991		17.964087 676.316029		5.790203	
COMB DB-G1-2		-----		MIN	
REL DIST		P		V2 V3	
T		M2 M3			
0.00000		-6.099496 -66.827573		-2.305670	
-435.441227		-56.080069 -2184.553		-2.305670	
0.25000		-6.099746 -66.817211		-2.305670	
-435.400928		-57.878615 -2175.777		-2.305670	
0.50000		-6.100001 -66.808146		-2.305670	
-435.366840		-60.109310 -2168.472		-2.305670	
0.75000		-6.100258 -66.807377		-2.305670	
-435.333740		-62.953324 -2162.004		-2.305670	
1.00000		-6.100536 -66.807377		-2.305670	
-435.301887		-66.507059 -2156.310		-2.305670	
COMB DB-G1-3		-----		MAX	
REL DIST		P		V2 V3	
T		M2 M3			
0.00000		4.117904 565.314920		6.371793	
749.038527		37.158271 1127.257		6.371793	
0.25000		4.117904 581.639045		6.371793	
749.038527		37.623133 832.794802		6.371793	
0.50000		4.117904 598.173211		6.371793	
749.038527		38.913419 766.936710		6.371793	
0.75000		4.117904 614.728044		6.371793	
754.561530		40.287164 863.865165		6.371793	
1.00000		4.117867 631.856499		6.371793	
788.446465		41.687790 960.793619		6.371793	
COMB DB-G1-3		-----		MIN	
REL DIST		P		V2 V3	
T		M2 M3			
0.00000		-13.534846 -108.013791		-5.038606	
-663.631041		-65.472390 -3450.153		-5.038606	
0.25000		-13.914933 -92.753943		-5.038606	
-628.877913		-65.535442 -3536.857		-5.038606	
0.50000		-14.302234 -88.362282		-5.038606	
-624.039011		-66.307775 -3624.888		-5.038606	
Program		SAP2000 Nonlinear Version 7.42			
File2:교부산방항S1-S403.OUT					
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F R A M E F O R C E S		E L E M E N T I N T E R N A L		>	
REL DIST		P		V2 V3	
T		M2 M3			
0.75000		-14.691852 -88.362282		-5.038606	
-624.039011		-68.211023 -3713.666		-5.038606	
1.00000		-15.097129 -88.362282		-5.038606	
-624.039011		-71.522756 -3803.168		-5.038606	
COMB DB-G2-1		-----		MAX	
REL DIST		P		V2 V3	
T		M2 M3			
0.00000		3.183696 411.645287		1.649213	
275.941055		36.890587 744.507383		1.649213	
0.25000		3.183696 430.680207		1.649213	
275.941055		37.821788 479.686140		1.649213	
0.50000		3.183696 449.955616		1.649213	
275.941055		38.919909 347.338469		1.649213	
0.75000		3.183696 469.220199		1.649213	
275.941055		40.119896 390.774197		1.649213	
1.00000		3.183696 467.999547		1.649213	
275.941055		41.386029 434.209925		1.649213	
COMB DB-G2-1		-----		MIN	
REL DIST		P		V2 V3	
T		M2 M3			
0.00000		-10.778659 -37.328984		-4.744027	
-446.403614		-6.906369 -1907.500		-4.744027	
0.25000		-11.209878 -34.502285		-4.744027	
-446.403614		-2.964306 -2046.383		-4.744027	
0.50000		-11.649703 -34.502285		-4.744027	
-446.403614		-1.477071 -2185.275		-4.744027	
0.75000		-12.091690 -34.502285		-4.744027	
-446.403614		-1.576742 -2324.282		-4.744027	
1.00000		-12.523067 -34.502285		-4.744027	
-446.403614		-1.702608 -2463.573		-4.744027	
COMB DB-G2-2		-----		MAX	
REL DIST		P		V2 V3	
T		M2 M3			
0.00000		4.357325 660.208510		2.340044	
-441.770607		55.240372 1260.555		2.340044	
0.25000		4.357325 687.999509		2.340044	
-441.770607		56.572202 788.360139		2.340044	
0.50000		4.357325 710.750437		2.340044	

[illegible]

1.00000	26.314150	121.015706	7.091715		
999.154043	105.471469	1655.134			
COMB DESIGN ----- MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-4.297670	-1107.404			-6.780981
-1019.757	-110.805847	-10829.849			
0.25000	-4.310746	-1078.802			-6.780981
-989.834709	-106.871433	-9694.073			
0.50000	-4.366901	-1050.431			-6.780981
-961.172130	-104.895690	-8618.833			
0.75000	-4.470397	-1022.526			-6.780981
-942.072880	-105.485372	-7521.463			
1.00000	-4.792924	-995.322440			-6.780981
-938.959782	-107.172337	-6710.498			
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 =		
5.036009					
COMB DB-G1-1 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	2.571691	26.262046			0.238466
131.019632	15.132618	328.693598			
0.25000	2.563831	26.476692			0.238466
131.882212	19.635346	326.029395			
0.50000	2.556596	26.707563			0.238466
132.791499	25.083152	323.177443			
0.75000	2.549399	26.964650			0.238466
133.746123	31.264802	374.612773			
1.00000	2.542326	27.253716			0.238466
134.844690	38.064518	494.384058			
COMB DB-G1-1 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-2.030410	-122.954281			-6.369830
-422.981814	-2.032796	-120.891982			
0.25000	-2.036202	-122.662086			-6.369830
-428.803733	-2.0767324	-810.501205			
0.50000	-2.042400	-122.394031			-6.369830
-427.907804	-25.824278	-831.024279			
0.75000	-2.049031	-122.127814			-6.369830
-427.022803	-23.777657	-851.799474			
1.00000	-2.056806	-121.866648			-6.369830
-426.185296	-21.843847	-872.970012			
COMB DB-G1-2 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	6.945517	37.674274			0.552560
304.820977	27.609652	665.377932			
0.25000	6.945226	37.682227			0.552560
304.852960	33.429878	701.272048			
0.50000	6.944958	37.690782			0.552560
304.886673	40.221344	771.225651			
0.75000	6.944691	37.700307			0.552560
304.922067	47.768282	972.114568			
1.00000	6.944429	37.711019			0.552560
304.962804	55.786614	1280.049			
COMB DB-G1-2 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-2.602173	-304.864868			-8.171296
-682.512741	-60.363944	-1764.100			
0.25000	-2.602387	-304.854041			-8.171296
-682.473459	-57.200817	-1767.241			
0.50000	-2.602617	-304.844110			-8.171296
-682.440239	-54.154486	-1770.731			
0.75000	-2.602863	-304.834247			-8.171296
-682.407423	-51.231100	-1774.803			
1.00000	-2.603151	-304.824564			-8.171296
-682.376181	-48.486272	-1779.236			
COMB DB-G1-3 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	14.916195	61.117017			4.669741
527.531641	44.411888	1069.168			
0.25000	14.488555	73.074954			4.669741
527.531641	47.800513	1286.865			
0.50000	14.079725	85.882577			4.669741
542.037123	52.322233	1533.891			
0.75000	13.674012	100.080904			4.669741
574.654455	57.661525	1883.178			
1.00000	13.276915	115.823872			4.669741
605.461162	63.569381	2315.362			
COMB DB-G1-3 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-3.13809	-615.398095			-7.560844
-716.064761	-69.967270	-2824.853			
0.25000	-3.278311	-599.948313			-7.560844
-702.260746	-70.103107	-2769.522			
0.50000	-3.620521	-584.646671			-7.560844
-702.260746	-70.871236	-2714.538			
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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	M2	P	M3	V2	V3
T					
0.75000	-3.988971	-569.484575			-7.560844
-702.260746	-72.279348	-2660.059			
1.00000	-4.408784	-554.653662			-7.560844
-702.260746	-74.529283	-2605.940			
COMB DB-G2-1 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	10.88781	28.396881			6.913666
483.557131	30.090610	573.555681			
0.25000	10.426861	41.782004			6.913666
483.557131	28.131119	814.976299			
0.50000	9.959121	56.151423			6.913666
483.557131	26.266366	1050.636			
0.75000	9.496551	71.678528			6.913666
483.557131	24.490908	1271.112			
1.00000	9.046777	88.646507			6.913666
483.557131	22.856659	1475.607			
COMB DB-G2-1 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	20.795978	76.249987			6.233185
660.370423	75.839935	1520.516			
0.25000	20.301420	84.305636			6.233185
677.757388	75.592596	1667.171			

0.00000	-1.256707	-432.308851	-0.230511		
-158.362586	-11.204448	-1594.071			
0.25000	-1.256707	-414.778454	-0.230511		
-158.362586	-15.877566	-1509.184			
0.50000	-1.503417	-396.999389	-0.230511		
-158.362586	-21.565010	-1424.600			
0.75000	-1.913974	-379.437722	-0.230511		
-158.362586	-28.105616	-1340.021			
1.00000	-2.359882	-362.357123	-0.230511		
-158.362586	-35.311424	-1255.447			
COMB DB-G2-2 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	17.335755	47.454996			8.392307
676.486968	48.096043	978.362095			
0.25000	16.708925	65.383362			8.392307
676.486968	45.483026	1326.092			
0.50000	16.087601	84.613066			8.392307
676.486968	42.923883	1697.776			
0.75000	15.472275	105.591014			8.392307
676.486968	40.491458	2088.619			
1.00000	14.872536	128.651102			8.392307
676.486968	38.193243	2485.283			
COMB DB-G2-2 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-1.657226	-689.761655	-0.788717		
-333.656158	-38.438702	-2713.605			
0.25000	-1.657226	-666.069683	-0.788717		
-333.656158	-43.422140	-2592.879			
0.50000	-2.150868	-642.586888	-0.788717		
-333.656158	-49.590689	-2472.325			
0.75000	-2.701616	-619.361390	-0.788717		
-333.656158	-56.794421	-2351.772			
1.00000	-3.310897	-596.725997	-0.788717		
-333.656158	-64.654913	-2231.219			
COMB DB-G2-3 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	18.212954	55.992758	7.742258		
724.426296	53.352835	1159.762			
0.25000	17.657369	71.893995	7.742258		
724.426296	50.779716	1469.865			
0.50000	17.106801	88.950118	7.742258		
724.426296	49.690248	1805.912			
0.75000	16.560153	107.548552	7.742258		
724.426296	51.986384	2240.695			
1.00000	16.028114	127.987367	7.742258		
724.426296	54.552362	2723.345			
COMB DB-G2-3 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-2.786934	-739.693539	-4.763751		
-608.766335	-59.857635	-3188.785			
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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	M2	P	M3	V2	V3
T					
0.25000	-2.786934	-718.699228	-4.763751		
-608.766335	-63.130822	-3085.888			
0.50000	-3.217948	-697.847807	-4.763751		
-608.766335	-67.644117	-2983.476			
0.75000	-3.706388	-677.236004	-4.763751		
-608.766335	-73.183438	-2881.091			
1.00000	-4.246826	-657.149848	-4.763751		
-608.766335	-79.405084	-2779.212			
COMB DL-G1-1 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	5.021087	34.367810	0.320234		
169.425001	13.924993	450.676897			
0.25000	5.012188	34.524243	0.320234		
170.909664	17.885106	478.676043			
0.50000	5.003460	34.699376	0.320234		
170.827830	22.968016	529.004424			
0.75000	4.994972	34.890707	0.320234		
171.623280	28.875386	624.198767			
1.00000	4.986816	35.095674	0.320234		
172.470855	35.439899	761.154289			
COMB DL-G1-1 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-2.723733	-166.185644	-8.442288		
-589.051460	-58.420198	-1515.651			
0.25000	-2.727821	-165.944081	-8.442288		
-588.335670	-52.706620	-1399.364			
0.50000	-2.732402	-165.508885	-8.442288		
-587.647872	-56.766620	-1309.159			
0.75000	-2.737423	-165.182896	-8.442288		
-586.997476	-63.215359	-1256.731			
1.00000	-2.742824	-164.869069	-8.442288		
-586.394137	-39.174749	-1248.017			
COMB DL-G1-2 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	11.291079	51.124576	0.916423		
1680.610174	36.309894	955.485258			
0.25000	11.290871	51.128234	0.916423		
1680.625887	40.622127	1005.554			
0.50000	11.290667	51.132329	0.916423		
1680.643230	46.174011	1119.560			
0.75000	11.290470	51.136804	0.916423		
1680.652005	52.666219	1341.858			
1.00000	11.290280	51.141599	0.916423		
1680.681994	59.895548	1649.859			
COMB DL-G1-2 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-3.525436	-410.147588	-10.458860		
-868.499775	-95.603588	-3531.761			
0.25000	-3.525532	-410.138633	-10.458860		
-868.482803	-88.195215	-3188.940			
0.50000	-3.526399	-410.131225	-10.458860		
-868.468492	-81.693743	-2902.637			
0.75000	-3.525756	-410.124234	-10.458860		
-868.451059	-75.939649	-2685.882			
1.00000	-3.525882	-410.116927	-10.458860		
-868.436730	-70.727396	-2560.099			
COMB DL-G1-3 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	20.795979	76.249987	6.233185		
1680.370423	75.398935	150.516			
0.25000	20.794120	84.305636	6.233185		
1680.377538	75.592596	1667.171			

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REL_DIST	M2	P	M3	V2	V3
T					
0.75000	6.090798	23.208044		0.688736	
213.902209	67.229426	1953.119			
1.00000	6.090532	23.219058		0.688736	
213.941946	74.179616	2261.929			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-2.609968	-284.969244		-7.989432	
-652.871862	-44.976981	-1778.812			
0.25000	-2.610218	-284.958050		-7.989432	
-652.840108	-41.371515	-1755.510			
0.50000	-2.610481	-284.947824		-7.989432	
-652.807624	-37.895935	-1732.208			
0.75000	-2.610757	-284.937782		-7.989432	
-652.776118	-34.493531	-1708.906			
1.00000	-2.611062	-284.928047		-7.989432	
-652.749732	-31.255799	-1685.856			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	13.78512	74.749783		4.807717	
433.616445	59.392624	2314.471			
0.25000	12.724439	68.052024		4.807717	
439.931136	21.234610	2642.643			
0.50000	12.294604	102.720699		4.807717	
471.667494	64.614118	3003.2761			
0.75000	11.874127	117.208125		4.807717	
501.541828	68.962346	3395.498			
1.00000	11.468646	133.433620		4.807717	
544.234567	74.142395	3801.696			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-3.784911	-566.774990		-7.627810	
-672.343278	-67.714623	-2605.701			
0.25000	-4.160410	-550.234798		-7.627810	
-649.163229	-67.111461	-2542.427			
0.50000	-4.559249	-534.534083		-7.627810	
-626.721957	-66.940148	-2479.257			
0.75000	-4.976438	-519.121745		-7.627810	
-626.724038	-67.388063	-2416.087			
1.00000	-5.424971	-504.200483		-7.627810	
-626.724038	-68.743932	-2353.141			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	9.582489	67.205287		6.895347	
465.636993	21.025990	1476.569			
0.25000	9.090745	82.284978		6.895347	
465.683693	18.543567	1695.639			
0.50000	8.597767	98.479421		6.895347	
465.683693	16.092549	1896.857			
0.75000	8.116036	115.567742		6.895347	
465.683693	13.786041	2079.400			
1.00000	7.653184	133.123177		6.895347	
465.683693	11.579378	2243.401			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-1.921874	-387.459893		-0.244723	
-68.123655	-33.243667	-1255.778			
0.25000	-2.343604	-369.474319		-0.244723	
-68.123655	-36.991567	-1197.069			
0.50000	-2.793967	-351.320119		-0.244723	
-68.123655	-41.820119	-1138.664			
0.75000	-3.266615	-333.512271		-0.244723	
-68.123655	-47.651587	-1080.359			
1.00000	-3.749658	-316.308324		-0.244723	
-68.123655	-54.165071	-1022.057			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	15.221829	101.280847		8.443484	
661.046322	36.138513	2486.221			
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REL_DIST	M2	P	M3	V2	V3
T					
0.25000	14.554777	121.388787		8.443484	
661.046322	32.794610	2808.422			
0.50000	13.900491	142.934627		8.443484	
661.046322	29.505522	3139.652			
0.75000	13.680833	165.633947		8.443484	
661.046322	26.283489	310.911			
1.00000	12.645590	189.457122		8.443484	
661.046322	23.176263	3821.592			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-2.745056	-622.402051		-0.995850	
-221.619525	-59.901125	-2231.499			
0.25000	-3.309210	-598.039015		-0.995850	
-221.619525	-63.908308	-2041.452			
0.50000	-3.910451	-574.024018		-0.995850	
-221.619525	-69.147277	-2051.763			
0.75000	-4.540590	-550.452045		-0.995850	
-221.619525	-75.517589	-1962.126			
1.00000	-5.197264	-527.662665		-0.995850	
-221.619525	-82.741853	-1872.488			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	15.979949	96.799653		7.833220	
658.749246	49.995621	2723.391			
0.25000	15.388671	114.637762		7.833220	
658.749246	49.934497	3094.861			
0.50000	14.808113	133.753495		7.833220	
658.749246	50.388827	3493.158			
0.75000	14.240548	153.894112		7.833220	
658.749246	51.270536	391.7537			
1.00000	13.694644	175.010716		7.833220	
658.749246	52.599492	4350.704			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-3.695820	-671.639882		-4.835698	
-496.663505	-73.745661	-2779.251			
0.25000	-4.196215	-650.042346		-4.835698	
-496.663505	-75.870152	-2690.251			
0.50000	-4.729557	-628.730586		-4.835698	
-496.663505	-79.150384	-2601.571			
0.75000	-5.288569	-607.812183		-4.835698	
-496.663505	-83.674276	-2512.939			
1.00000	-5.870589	-587.588983		-4.835698	
-496.663505	-89.038837	-2424.483			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	4.925764	11.683944		0.509851	
64.007049	32.821772	759.710015			
0.25000	4.917064	11.863644		0.509851	
64.705379	37.010729	906.367672			
0.50000	4.908621	12.061110		0.509851	
65.460873	42.207947	1063.659			
0.75000	4.900513	12.273351		0.509851	
66.264220	48.225625	1223.557			
1.00000	4.892828	12.497864		0.509851	
67.106361	54.711517	1384.766			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-2.784444	-159.40559		-8.530846	
-544.246683	-36.198221	-1247.946			
0.25000	-2.483395	-158.807741		-8.530846	
-543.534172	-31.004829	-1233.880			
0.50000	-2.488814	-158.483275		-8.530846	
-542.859840	-26.327341	-1227.392			
0.75000	-2.494622	-158.170671		-8.530846	
-542.234610	-22.023999	-1221.803			
1.00000	-2.500741	-157.872866		-8.530846	
-541.668109	-18.040081	-1216.235			
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REL_DIST	M2	P	M3	V2	V3
T					
0.00000	10.317373	31.408202		1.197241	
239.305893	56.540984	1648.082			
0.25000	10.317170	31.412400		1.197241	
239.322353	60.936677	1913.273			
0.50000	10.316974	31.417014		1.197241	
239.340169	66.497897	2236.434			
0.75000	10.317685	31.427372		1.197241	
239.359138	72.966784	2593.099			
1.00000	10.316606	31.427219		1.197241	
239.379005	80.063186	2957.736			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-3.488094	-372.157357		-10.697929	
-80.940404	-67.402463	-2559.896			
0.25000	-3.488210	-372.149600		-10.697929	
-80.967086	-60.583886	-2475.869			
0.50000	-3.488336	-372.142040		-10.697929	
-80.871080	-54.436816	-2433.327			
0.75000	-3.488472	-372.134755		-10.697929	
-80.856226	-48.765392	-2397.863			
1.00000	-3.488615	-372.129718		-10.697929	
-80.842756	-43.527168	-2362.474			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	18.081262	74.791865		6.16610	
533.780656	78.867717	2605.963			
0.25000	17.603267	84.252368		6.16610	
562.649679	79.161850	3017.174			
0.50000	17.138035	94.634503		6.16610	
594.074494	80.955843	3497.657			
0.75000	16.689439	105.779545		6.16610	
627.516212	83.889007	4016.104			
1.00000	16.262392	117.533192		6.16610	
661.532015	87.621646	4519.975			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-4.550498	-683.650127		-10.020900	
-827.032679	-86.879893	-3958.230			
0.25000	-4.812578	-665.261066		-10.020900	
-802.721666	-83.805878	-3674.225			
0.50000	-5.098826	-647.275313		-10.020900	
-779.841247	-81.821599	-3541.024			
0.75000	-5.404969	-629.882884		-10.020900	
-766.581673	-80.781832	-3373.824			
1.00000	-5.726539	-613.232792		-10.020900	
-766.569822	-80.523121	-3285.520			

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

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11,382,670	57,575,820	9.28269
619.337715	38,267040	1418,790	
0.25000	10,817,547	68,038074	9.28269
616.272529	32,901063	1635,720	
0.50000	10,263605	79,494972	9.28269
613.208431	27,779350	1873,332	
0.75000	9,727,155	91,767203	9.28269
610.142157	23,208800	2124,030	
1.00000	9,213340	104,653283	9.28269
607.076971	19,071146	2353,030	

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

1.00000	-8.882045	-410.741110	-3.969043
-188.266733	-91.089301	-1337.508	
COMB DB-G2-3			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.635151	186.487451	7.214204
546.275582	46.307782	5717.14	7.214204
0.25000	1.024488	206.312284	
546.275582	45.937986	5953.586	7.214204
0.50000	10.432140	227.253122	
546.275582	46.355748	6193.755	7.214204
0.75000	9.859827	249.023140	
546.275582	47.442858	6440.068	7.214204
1.00000	9.314250	271.557431	
546.275582	49.000410	6682.471	

COMB DB-G2-3			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.711086	-537.376295	-6.217884
-402.175750	-86.78324	-2099.045	
0.25000	-7.273841	-514.565461	-6.217884
-402.175750	-85.465410	-2021.552	
0.50000	-7.859481	-492.165540	-6.217884
-402.175750	-85.768517	-1944.074	
0.75000	-8.460138	-470.335225	-6.217884
-402.175750	-87.351005	-1866.618	
1.00000	-9.073311	-449.264821	-6.217884
-402.175750	-89.938814	-1789.162	

COMB DL-G1-1			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.730709	12.108380	2.603480
33.527500	61.827399	1895.566	
0.25000	12.322222	12.221419	2.603480
34.187992	63.311661	1977.039	
0.50000	3.715384	12.552436	2.603480
34.895402	64.666466	2059.891	
0.75000	3.708313	12.795499	2.603480
35.639863	68.264219	2143.897	
1.00000	9.317016	20.049315	2.603480
36.409419	71.570194	2229.092	

COMB DL-G1-1			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.330050	-114.735792	-4.735388
-343.781434	-7.053018	-1116.701	
0.25000	-2.336140	-114.423028	-4.735388
-343.068757	-6.784628	-1081.828	
0.50000	-2.342623	-114.121962	-4.735388
-342.401075	-6.711783	-1046.114	
0.75000	-2.349420	-113.834895	-4.735388
-341.787485	-6.713878	-1011.296	
1.00000	-2.356465	-113.564520	-4.735388
-341.235618	-6.758540	-976.466016	
Program SAP2000 Nonlinear Version 7.42			
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COMB DL-G2-3			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-2.330050	-114.735792	-4.735388
-343.781434	-7.053018	-1116.701	
0.25000	-2.336140	-114.423028	-4.735388
-343.068757	-6.784628	-1081.828	
0.50000	-2.342623	-114.121962	-4.735388
-342.401075	-6.711783	-1046.114	
0.75000	-2.349420	-113.834895	-4.735388
-341.787485	-6.713878	-1011.296	
1.00000	-2.356465	-113.564520	-4.735388
-341.235618	-6.758540	-976.466016	
Program SAP2000 Nonlinear Version 7.42			
File:2교부산방합S1-S403.OUT			

COMB DL-G1-2			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.216004	52.936609	3.644484
221.483010	85.522718	4019.011	
0.25000	7.215821	52.986033	3.644484
221.498619	86.785931	4163.961	
0.50000	7.215846	52.303970	3.644484
221.515329	88.640538	4326.027	
0.75000	7.215481	52.309642	3.644484
221.532893	91.234459	4510.955	
1.00000	7.215328	52.315565	3.644484
221.551097	94.431206	4704.567	

COMB DL-G1-3			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.093960	-262.039689	-6.226228
-570.924785	-27.442268	-1319.239	
0.25000	-4.094102	-262.032395	-6.226228
-570.907884	-26.056306	-2059.480	
0.50000	-4.094254	-262.025376	-6.226228
-570.892052	-24.978032	-1989.205	
0.75000	-4.094412	-262.018688	-6.226228
-570.877498	-24.812177	-1944.725	
1.00000	-4.094577	-262.012654	-6.226228
-570.864396	-23.385190	-1848.655	

COMB DL-G2-1			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.564310	126.786377	6.564253
411.782256	85.929997	6080.836	
0.25000	12.571297	138.361020	6.564253
437.735281	86.051909	6344.260	
0.50000	11.727697	150.781821	6.564253
465.825501	87.240913	6598.218	
0.75000	11.339035	163.893157	6.564253
495.474085	89.135690	6847.894	
1.00000	10.974702	177.563161	6.564253
526.145454	91.661081	7079.455	

COMB DL-G1-3			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.199364	-490.537096	-7.319595
-623.808048	-69.677995	-2895.765	
0.25000	-6.530537	-473.435540	-7.319595
-598.541188	-69.988330	-2793.852	
0.50000	-6.882377	-456.887968	-7.319595
-574.910926	-70.949597	-2691.942	
0.75000	-7.250688	-441.036572	-7.319595
-553.448713	-72.373313	-2589.982	
1.00000	-7.631545	-426.036301	-7.319595
-537.951555	-74.189443	-2488.073	

COMB DL-G2-1			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	7.725951	101.988808	5.239810
389.083500	5.468607	3123.982	
0.25000	7.726863	115.357949	5.239810
386.017950	5.137354	3291.241	
0.50000	6.744763	129.672165	5.239810
382.952401	5.001613	3427.606	
0.75000	6.284514	144.756669	5.239810
379.886851	4.921033	3532.384	
1.00000	5.849919	160.437056	5.239810
376.821301	4.922575	3605.483	

0.00000	-3.387004	-317.226620	-2.443162
-46.356055	-63.883200	-1191.088	
0.25000	-3.772932	-297.124794	-2.443162
-46.356055	-65.957314	-1142.744	
0.50000	-4.181600	-277.532555	-2.443162
-46.356055	-68.671735	-1094.397	
0.75000	-4.608224	-258.635120	-2.443162
-46.356055	-72.051476	-1046.028	
1.00000	-5.048030	-240.613583	-2.443162
-46.356055	-75.999390	-997.686270	
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COMB DL-G2-2			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.338197	164.719932	6.788613
576.959203	22.680627	5478.331	
0.25000	11.684565	182.302882	6.788613
582.412120	21.310919	5731.715	
0.50000	11.054766	201.143957	6.788613
587.925804	20.279730	5958.417	
0.75000	10.454789	221.012033	6.788613
593.439489	19.474466	6184.606	
1.00000	9.899779	241.694128	6.788613
598.953173	18.761701	6336.061	

COMB DL-G2-2			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.469193	-516.808087	-3.608890
-183.693412	-95.755620	-2220.744	
0.25000	-5.975159	-490.533796	-3.608890
-183.632645	-97.518828	-2134.320	
0.50000	-6.511569	-464.984569	-3.608890
-183.632645	-100.150071	-2047.914	
0.75000	-7.072068	-440.406748	-3.608890
-183.632645	-103.650878	-1961.425	
1.00000	-7.650565	-417.042359	-3.608890
-183.632645	-107.784439	-1874.993	

COMB DL-G2-3			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.994122	162.055271	7.743144
589.947003	58.490618	6626.294	
0.25000	13.412078	177.710032	7.743144
594.517759	58.160324	6921.912	
0.50000	12.851202	194.484431	7.743144
599.101066	58.438425	7198.649	
0.75000	12.316838	212.172803	7.743144
603.684374	59.244853	7461.181	
1.00000	11.813568	230.552326	7.743144
608.267682	60.419615	7693.718	

COMB DL-G2-3			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.557704	-567.848760	-6.224814
-415.612195	-97.282818	-2927.789	
0.25000	-7.008239	-544.450203	-6.224814
-415.599643	-98.262877	-2819.972	
0.50000	-7.485861	-521.695100	-6.224814
-415.599643	-100.071435	-2712.162	
0.75000	-7.984851	-499.803128	-6.224814
-415.599643	-102.749619	-2604.280	
1.00000	-8.499970	-478.989843	-6.224814
-415.599643	-106.088302	-2496.447	

COMB DB			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.635151	195.794663	7.214204
546.275582	75.028540	5717.14	7.214204
0.25000	11.024488	12.138128	
546.275582	74.237912	5915.586	7.214204
0.50000	10.432140	241.736471	7.214204
546.275582	74.669007	6193.755	7.214204
0.75000	9.859827	266.267003	7.214204
546.275582	76.494078	6440.068	7.214204
1.00000	9.314250	293.81729	7.214204
546.275582	79.377713	6682.471	

COMB DB			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.711086	-537.376295	-6.898574
-594.842179	-86.78324	-2099.045	
0.25000	-7.273841	-514.565461	-6.898574
-554.101378	-85.465410	-2021.552	
0.50000	-7.859481	-492.165540	-6.898574
-530.456278	-85.768517	-1944.074	
0.75000	-8.460138	-470.335225	-6.898574
-517.829656	-87.661758	-1866.618	
1.00000	-9.073311	-449.264821	-6.898574
-517.802104	-91.089301	-1789.162	
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FRAME FORCES		ELEMENT		INTERNAL		
COMB	DL -----				MAX	
REL DIST		P		V2		V3
T	M2		M3			
0.00000	13.994122		164.719932			7.743144
589.947003	85.529997		6626.294			
0.25000	13.412078		182.302882			7.743144

-226.304799 -5.961012 -816.560400

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

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	5.821012	84.519308		4.147605
313.151834	87.612474	470.3979		
0.25000	5.820844	84.524605		4.147605
313.166288	87.612474	470.3979		
0.50000	5.820681	84.530290		4.147605
313.181966	88.083032	4792.612		
0.75000	5.820528	84.536298		4.147605
313.198660	89.283057	4866.226		
1.00000	5.820386	84.542578		4.147605
313.216156	90.998805	4954.088		

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

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-4.849249	-196.812272		-5.104297
-442.614773	-22.873478	-1848.770		
0.25000	-4.849398	-196.805314		-5.104297
-442.597874	-22.166615	-1772.203		
0.50000	-4.849557	-196.798610		-5.104297
-442.581829	-21.502803	-1695.662		
0.75000	-4.849722	-196.792217		-5.104297
-442.565842	-20.908935	-1617.079		
1.00000	-4.849894	-196.786193		-5.104297
-442.553111	-20.419533	-1542.484		

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

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	10.326905	174.874429		6.426516
420.055097	85.380534	7079.204		
0.25000	9.930187	180.066615		6.426516
443.210217	84.897800	7191.874		
0.50000	9.553693	200.556871		6.426516
468.606745	85.087474	7289.516		
0.75000	9.195325	214.542875		6.426516
495.768416	85.881459	7382.396		
1.00000	8.860065	229.114548		6.426516
524.157482	87.155735	7461.9312		
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-7.461616	-397.157373		-6.557377
-549.792756	-68.038497	-2488.400		
0.25000	-7.461242	-380.833353		-6.557377
-549.727428	-68.279643	-2383.482		
0.50000	-6.183154	-365.059342		-6.557377
-498.484541	-68.833912	-2278.910		
0.75000	-6.507667	-349.966489		-6.557377
-475.333699	-69.761497	-2174.377		
1.00000	-6.917875	-335.943912		-6.557377
-454.560694	-71.029323	-2069.807		

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

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	6.458998	125.715216		4.187122
268.453831	4.132789	3605.978		
0.25000	5.997810	140.283132		4.187122
266.651282	4.161169	3704.927		
0.50000	5.553949	155.775843		4.187122
263.842099	4.204868	3717.717		
0.75000	5.131999	172.033100		4.187122
260.776606	4.265177	3805.920		
1.00000	4.735327	188.93428		4.187122
257.711112	4.359948	3807.743		

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

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-4.066601	-273.209793		-2.901135
-129.860037	-70.584093	-997.531198		
0.25000	-4.480900	-254.021180		-2.901135
-131.122982	-71.342363	-954.146910		
0.50000	-4.916590	-235.383232		-2.901135
-131.372923	-72.671284	-910.692863		
0.75000	-5.369557	-217.480876		-2.901135
-131.372923	-74.622892	-867.291276		
1.00000	-5.856177	-201.640394		-2.901135
-131.372923	-76.971255	-823.964619		

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

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	10.199617	208.238418		5.543459
433.435955	18.288605	6336.601		
0.25000	9.955233	227.289285		5.543459
435.562324	17.534835	6486.070		
0.50000	9.014681	247.587522		5.543459
439.555196	16.814272	6565.745		
0.75000	8.463584	268.920187		5.543459
444.983798	16.133343	6642.026		
1.00000	7.946549	291.081733		5.543459
450.497382	15.479574	6687.727		

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

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-6.815449	-439.327999		-4.066302
-277.824519	-100.507142	-1874.726		
0.25000	-7.335945	-414.248470		-4.066302
-274.432622	-100.993843	-1794.055		
0.50000	-7.925583	-389.930390		-4.066302
-272.912911	-102.085093	-1713.310		
0.75000	-8.518766	-366.604509		-4.066302
-272.827929	-103.879212	-1632.649		
1.00000	-9.292177	-344.453844		-4.066302
-272.827929	-106.201028	-1551.954		

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

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	11.519659	214.627843		6.913286
510.151176	56.168448	7693.899		
0.25000	10.981473	231.593255		6.913286
511.912018	55.815339	7630.441		
0.50000	10.494657	249.688186		6.913286
515.321668	55.796592	7944.599		
0.75000	9.973686	268.663121		6.913286
519.871693	56.066455	8042.614		
1.00000	9.513194	288.398420		6.913286
524.454918	56.724325	8116.726		
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-8.084697	-469.526105		-6.108622
-437.175676	-99.326898	-2496.272		
0.25000	-8.566107	-447.191515		-6.108622
-434.893243	-99.442035	-2390.334		
0.50000	-9.073358	-425.533582		-6.108622
-433.719669	-100.131221	-2284.335		
0.75000	-9.601576	-404.758030		-6.108622
-433.686470	-101.502928	-2178.398		
1.00000	-10.145595	-385.029009		-6.108622
-433.686470	-103.420359	-2072.456		

COMB DB ----- MAX

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	10.002124	243.675197		7.196794
489.410059	73.126392	6682.527		
0.25000	9.404232	266.589239		7.196794
489.410059	71.977231	6801.738		
0.50000	8.825781	290.930454		7.196794
489.410059	72.232089	6913.331		
0.75000	8.267578	316.105011		7.196794
489.410059	73.877320	7026.835		
1.00000	7.736036	342.040591		7.196794
527.497877	76.554837	7130.158		

COMB DB ----- MIN

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-8.204805	-465.959295		-6.780775
-557.288458	-83.886913	-1789.059		
0.25000	-8.769468	-442.815452		-6.780775
-517.761293	-83.272361	-1713.121		
0.50000	-9.353202	-420.139129		-6.780775
-482.338427	-84.048368	-1637.183		
0.75000	-9.948729	-397.965669		-6.780775
-451.216435	-86.142440	-1561.245		
1.00000	-10.553313	-376.590289		-6.780775
-447.169185	-89.273622	-1485.308		

COMB DL ----- MAX

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	11.519659	214.627843		6.913286
510.151176	87.612474	7693.899		
0.25000	10.981473	231.593255		6.913286
511.912018	87.510120	7830.441		
0.50000	10.464657	249.688186		6.913286
515.321668	88.083032	7944.599		
0.75000	9.973686	268.920187		6.913286
519.871693	89.283057	8042.614		
1.00000	9.513194	291.081733		6.913286
524.454918	90.998805	8116.726		

COMB DL ----- MIN

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-8.084697	-469.526105		-6.557377
-549.792756	-100.507142	-2496.272		
0.25000	-8.566107	-447.191515		-6.557377
-523.472428	-100.993843	-2390.334		
0.50000	-9.073358	-425.533582		-6.557377
-498.484541	-102.085093	-2284.335		
0.75000	-9.601576	-404.758030		-6.557377
-475.333699	-103.879212	-2178.398		
1.00000	-10.145595	-385.029009		-6.557377
-454.560694	-106.201028	-2072.456		

COMB CAR ----- MAX

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	11.519659	243.675197		7.196794
510.151176	87.612474	7693.899		
0.25000	10.981473	266.589239		7.196794
511.912018	87.510120	7830.441		
0.50000	10.464657	290.930454		7.196794
515.321668	88.083032	7944.599		
0.75000	9.973686	316.105011		7.196794
519.871693	89.283057	8042.614		
1.00000	9.513194	342.040591		7.196794
527.497877	90.998805	8116.726		

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-8.204805	-469.526105		-6.780775
-557.288458	-100.507142	-2496.272		
0.25000	-8.769468	-447.191515		-6.780775
-523.472428	-100.993843	-2390.334		
0.50000	-9.353202	-425.533582		-6.780775
-498.484541	-102.085093	-2284.335		
0.75000	-9.948729	-404.758030		-6.780775
-475.333699	-103.879212	-2178.398		
1.00000	-10.553313	-385.029009		-6.780775
-454.560694	-106.201028	-2072.456		

COMB DESIGN ----- MAX

REL DIST	M2	P	M3	V2	V3
T					
0.00000	11.519659		243.675197		7.196794
510.151176	87.612474		7693.899		
0.25000	10.981473		266.589239		7.196794
511.912018	87.510120		7830.441		
0.50000	10.464657		290.930454		7.196794
515.321668	88.033682		7944.599		
0.75000	9.973686		316.105511		7.196794
519.871693	89.283055		8042.614		
1.00000	9.5193194		342.040591		7.196794

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	5.576445	151.047238		3.711915	
149.616169	3.628531	3807.656			
0.25000	5.142303	166.649657		3.711915	
149.616169	3.682220	3840.143			
0.50000	4.725139	163.183430		3.711915	
149.616169	3.752408	3840.047			
0.75000	4.329213	200.507966		3.711915	
149.518796	3.846807	3807.059			
1.00000	3.957922	218.467043		3.711915	
148.578542	3.993805	3741.289			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-4.784200	-237.081042		-2.913727	
-244.862203	-70.819789	-823.766384			
0.25000	-5.223479	-218.819187		-2.913727	
-247.927676	-71.025914	-782.465024			
0.50000	-5.684118	-201.092201		-2.913727	
-250.992422	-71.788099	-741.277570			
0.75000	-6.162040	-184.083761		-2.913727	
-253.965022	-73.126586	-700.03415			
1.00000	-6.652681	-167.932549		-2.913727	
-256.085741	-74.861999	-658.853685			
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	8.673351	257.046899		4.973402	
303.693913	5.024450	6687.610			
0.25000	8.108443	277.415114		4.973402	
303.693913	14.373478	6693.408			
0.50000	7.561830	299.038741		4.973402	
303.708998	13.735764	6668.589			
0.75000	7.043721	321.732837		4.973402	
304.871652	13.112331	6694.643			
1.00000	6.558910	345.291787		4.973402	
307.844958	12.570235	6539.472			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-8.270740	-373.724696		-4.122173	
-423.449377	-97.936047	-1551.655			
0.25000	-8.443228	-349.811349		-4.122173	
-427.935831	-97.779813	-1473.540			
0.50000	-9.944795	-326.659575		-4.122173	
-412.437370	-98.147081	-1395.455			
0.75000	-10.069924	-304.473412		-4.122173	
-408.086687	-99.147478	-1317.317			
1.00000	-10.712942	-283.447747		-4.122173	
-405.546446	-100.716658	-1239.240			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	9.232294	279.96182		6.359539	
456.403298	52.382888	8116.670			
0.25000	9.215836	297.325928		6.359539	
456.403298	51.992970	8091.171			
0.50000	8.729096	316.582352		6.359539	
456.403748	51.809486	8041.211			
0.75000	8.267706	336.790907		6.359539	
457.258597	52.083064	7974.058			
1.00000	7.835854	357.768284		6.359539	
459.709001	52.682263	7882.660			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-10.007890	-384.254970		-5.949391	
-505.231938	-95.853167	-2072.281			
0.25000	-10.517788	-362.960121		-5.949391	
-500.648745	-95.434608	-1967.255			
0.50000	-11.053532	-342.342036		-5.949391	
-496.066002	-95.533332	-1862.277			
0.75000	-11.610220	-322.582613		-5.949391	
-492.337692	-96.257360	-1757.231			
1.00000	-12.182801	-303.855271		-5.949391	
-490.204903	-97.565153	-1652.264			

COMB DB ----- MAX

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	8.764003	305.509391		7.063949	
433.437528	70.226917	7130.210			
0.25000	8.173267	326.423205		7.063949	
448.292324	69.536279	7120.039			
0.50000	7.601064	348.296301		7.063949	
479.130447	71.094572	7108.620			
0.75000	7.048102	370.866843		7.063949	
514.149811	72.196562	7097.351			
1.00000	6.520857	394.138141		7.063949	
553.055212	75.152038	7071.633			

COMB DB ----- MIN

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-10.079612	-403.696216		-6.716509	
-524.546459	-81.593357	-1485.197			
0.25000	-10.693906	-377.273019		-6.716509	
-503.418930	-81.253101	-1410.010			
0.50000	-11.216488	-351.337415		-6.716509	
-503.418930	-82.224726	-1334.822			
0.75000	-11.804589	-325.923730		-6.716509	
-503.418930	-84.431655	-1259.635			
1.00000	-12.401618	-303.855271		-6.716509	
-503.418930	-87.595974	-1184.444			
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	9.723294	279.96182		6.359539	
471.300789	83.961614	8116.670			
0.25000	9.215836	297.325928		6.359539	
491.734320	83.553452	8091.171			
0.50000	8.729096	316.582352		6.359539	
514.441797	83.802290	8041.211			
0.75000	8.267706	336.790907		6.359539	
538.899356	84.654912	7974.058			

1.00000 7.835854 357.768284 6.359539
564.604686 86.016762 7882.660

COMB DL ----- MIN

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-10.007890	-384.254970		-6.215639	
-515.194843	-97.936047	-2072.281			
0.25000	-10.517788	-362.960121		-6.215639	
-500.648745	-97.779813	-1967.255			
0.50000	-11.053532	-342.342036		-6.215639	
-496.066002	-96.147081	-1862.277			
0.75000	-11.610220	-322.582613		-6.215639	
-492.337692	-99.147478	-1757.231			
1.00000	-12.182801	-303.855271		-6.215639	
-490.204903	-100.716658	-1652.264			

COMB CAR ----- MAX

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	9.723294	305.509391		7.063949	
471.300789	83.961614	8116.670			
0.25000	9.215836	326.423205		7.063949	
491.734320	83.553452	8091.171			
0.50000	8.729096	348.296301		7.063949	
514.441797	83.802290	8041.211			
0.75000	8.267706	370.886884		7.063949	
538.899356	84.654912	7974.058			
1.00000	7.835854	394.138141		7.063949	
564.604686	86.016762	7882.660			

COMB CAR ----- MIN

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-10.079612	-403.696216		-6.716509	
-524.546459	-97.936047	-2072.281			
0.25000	-10.693906	-377.273019		-6.716509	
-503.418930	-97.779813	-1967.255			
0.50000	-11.216488	-351.337415		-6.716509	
-503.418930	-98.147081	-1862.277			
0.75000	-11.804589	-325.923730		-6.716509	
-503.418930	-99.147478	-1757.231			
1.00000	-12.401618	-303.855271		-6.716509	
-503.418930	-100.716658	-1652.264			

COMB DESIGN ----- MAX

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	9.723294	305.509391		7.063949	
471.300789	83.961614	8116.670			
0.25000	9.215836	326.423205		7.063949	
491.734320	83.553452	8091.171			
0.50000	8.729096	348.296301		7.063949	
514.441797	83.802290	8041.211			
0.75000	8.267706	370.886884		7.063949	
538.899356	84.654912	7974.058			
1.00000	7.835854	394.138141		7.063949	
564.604686	86.016762	7882.660			

COMB DESIGN ----- MIN

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-10.079612	-403.696216		-6.716509	
-524.546459	-97.936047	-2072.281			
0.25000	-10.693906	-377.273019		-6.716509	
-503.418930	-97.779813	-1967.255			
0.50000	-11.216488	-351.337415		-6.716509	
-503.418930	-98.147081	-1862.277			
0.75000	-11.804589	-325.923730		-6.716509	
-503.418930	-99.147478	-1757.231			
1.00000	-12.401618	-303.855271		-6.716509	
-503.418930	-100.716658	-1652.264			
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FRAME ELEMENT INTERNAL FORCES

ELEM 85 ===== LENGTH =

5.035182

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	1.382717	68.656629		3.171265	
307.875274	53.889040	1732.544			
0.25000	1.374684	68.930665		3.171265	
308.604899	53.544098	1664.190			
0.50000	1.367342	69.216725		3.171265	
309.368247	54.165586	1598.248			
0.75000	1.360206	69.512305		3.171265	
310.190251	55.733439	1534.487			
1.00000	1.353347	69.835869		3.171265	
311.151000	58.083518	1474.067			

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

REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-2.505637	-27.195771		-3.415487	
-51.692473	-3.185353	-464.300528			
0.25000	-2.512701	-26.869449		-3.415487	
-50.730246	-3.204486	-453.526379			

COMB DL-G2-3 ----- MAX				
REL_DIST	P	M2	M3	V2
0.00000		8.194039	357.931254	5.475904
479.134380		48.357617	7882.371	
0.25000		7.717800	377.364897	5.475904
479.134380		47.584023	7696.936	
0.50000		7.260909	397.974372	5.475904
479.134380		47.105233	7479.665	
0.75000		6.827537	419.602162	5.475904
479.134380		46.883422	7241.129	
1.00000		6.423654	462.068048	5.475904
479.134380		47.019141	6979.215	
Program SAP2000 Nonlinear Version 7.42 File:2교부산방형S1-S403.OUT				
< MOVING Page 575 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	M2	M3	V2
0.00000		-11.956048	-316.481545	-5.516088
-625.117145		-89.542554	-1652.105	
0.25000		-12.485419	-296.108986	-5.516088
-620.534896		-88.271691	-1547.573	
0.50000		-13.041116	-276.390417	-5.516088
-615.952647		-87.496833	-1442.881	
0.75000		-13.618560	-257.515126	-5.516088
-611.370397		-87.302981	-1338.294	
1.00000		-14.212813	-243.675784	-5.516088
-606.788148		-87.795596	-1233.646	
COMB DB ----- MAX				
REL_DIST	P	M2	M3	V2
0.00000		7.527250	371.603250	6.250235
528.644895		68.941665	7071.619	
0.25000		6.940693	392.918678	6.250235
619.127954		68.225213	6922.191	
0.50000		6.370336	415.254894	6.250235
530.423562		68.797635	6754.839	
0.75000		5.817008	438.387045	6.250235
551.569762		70.441111	6582.889	
1.00000		5.287433	462.270541	6.250235
584.372918		72.945075	6399.213	
COMB DB ----- MIN				
REL_DIST	P	M2	M3	V2
0.00000		-11.626957	-349.578920	-6.027106
-573.624061		-79.701600	-1184.343	
0.25000		-12.743131	-322.301644	-6.027106
-573.624061		-79.134723	-1109.447	
0.50000		-12.740422	-295.407546	-6.027106
-573.624061		-79.729534	-1034.552	
0.75000		-13.319207	-268.930159	-6.027106
-573.624061		-81.355377	-959.656426	
1.00000		-13.909040	-243.137315	-6.027106
-573.624061		-83.899700	-884.761034	
COMB DL ----- MAX				
REL_DIST	P	M2	M3	V2
0.00000		8.194039	357.931254	5.574748
594.763531		79.012789	7882.371	
0.25000		7.717800	377.364897	5.574748
599.092299		77.844652	7696.936	
0.50000		7.260909	397.974372	5.574748
619.152063		77.293858	7479.665	
0.75000		6.827537	419.602162	5.574748
641.071622		77.292320	7241.129	
1.00000		6.423654	462.068048	5.574748
664.327456		77.755332	6979.215	
COMB DL ----- MIN				
REL_DIST	P	M2	M3	V2
0.00000		-11.956048	-316.481545	-5.516088
-625.117145		-92.025791	-1652.105	
0.25000		-12.485419	-296.108986	-5.516088
-620.534896		-90.917174	-1547.573	
0.50000		-13.041116	-276.390417	-5.516088
-615.952647		-90.310698	-1442.881	
0.75000		-13.618560	-257.515126	-5.516088
-611.370397		-90.311172	-1338.294	
1.00000		-14.212813	-243.675784	-5.516088
-606.788148		-90.791546	-1233.646	
COMB CAR ----- MAX				
REL_DIST	P	M2	M3	V2
0.00000		8.194039	371.603250	6.250235
594.763531		79.012789	7882.371	
0.25000		7.717800	392.918678	6.250235
599.092299		77.844652	7696.936	
0.50000		7.260909	415.254894	6.250235
619.152063		77.293858	7479.665	
0.75000		6.827537	438.387045	6.250235
641.071622		77.292320	7241.129	
1.00000		6.423654	462.270541	6.250235
664.327456		77.755332	6979.215	
Program SAP2000 Nonlinear Version 7.42 File:2교부산방형S1-S403.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	M2	M3	V2
0.00000		-11.956048	-349.578920	-6.027106
-625.117145		-92.025791	-1652.105	
0.25000		-12.485419	-322.301644	-6.027106
-620.534896		-90.917174	-1547.573	
0.50000		-13.041116	-295.407546	-6.027106
-615.952647		-90.310698	-1442.881	
0.75000		-13.618560	-257.515126	-6.027106
-611.370397		-90.311172	-1338.294	
1.00000		-14.212813	-243.675784	-6.027106
-606.788148		-90.791546	-1233.646	
COMB DESIGN ----- MAX				
REL_DIST	P	M2	M3	V2
0.00000		8.194039	371.603250	6.250235
594.763531		79.012789	7882.371	
0.25000		7.717800	392.918678	6.250235
599.092299		77.844652	7696.936	
0.50000		7.260909	415.254894	6.250235
619.152063		77.293858	7479.665	
0.75000		6.827537	438.387045	6.250235
641.071622		77.292320	7241.129	
1.00000		6.423654	462.270541	6.250235
664.327456		77.755332	6979.215	
COMB DESIGN ----- MIN				
REL_DIST	P	M2	M3	V2
0.00000		-11.956048	-349.578920	-6.027106
-625.117145		-92.025791	-1652.105	
0.25000		-12.485419	-322.301644	-6.027106
-620.534896		-90.917174	-1547.573	
0.50000		-13.041116	-295.407546	-6.027106
-615.952647		-90.310698	-1442.881	
0.75000		-13.618560	-257.515126	-6.027106
-611.370397		-90.311172	-1338.294	
1.00000		-14.212813	-243.675784	-6.027106
-606.788148		-90.791546	-1233.646	

664.327456	77.775332	6979.215
COMB DESIGN ----- MIN		
REL_DIST	P	M2
0.00000		-11.956048
-625.117145		-92.025791
0.25000		-12.485419
-620.534896		-90.917174
0.50000		-13.041116
-615.952647		-90.310698
0.75000		-13.618560
-611.370397		-90.311172
1.00000		-14.212813
-606.788148		-90.791546
ELEM 86 ----- LENGTH =		
5.036348		
COMB DB-G1-1 ----- MAX		
REL_DIST	P	M3
0.00000		1.184834
398.818038		53.517153
0.25000		1.176510
399.385182		51.415020
0.50000		1.168855
400.155733		49.873744
0.75000		1.161311
400.963054		48.810839
1.00000		1.153949
401.898390		48.353827
COMB DB-G1-1 ----- MIN		
REL_DIST	P	M3
0.00000		-3.041044
-50.607695		-3.454769
0.25000		-3.048415
-49.608549		-3.784806
0.50000		-3.055547
-48.737060		-4.207974
0.75000		-3.063181
-47.874158		-4.744699
1.00000		-3.071511
-47.022725		-5.439965
COMB DB-G1-2 ----- MAX		
REL_DIST	P	M3
0.00000		1.956382
623.800779		67.190087
0.25000		1.955029
623.801292		64.359001
0.50000		1.955790
623.829866		62.401309
Program SAP2000 Nonlinear Version 7.42		
File:2교부산방형S1-S403.OUT		
< MOVING Page 577 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		
REL_DIST	P	M3
0.75000		1.955510
623.859803		61.223431
0.25000		1.955239
623.894535		60.710870
COMB DB-G1-2 ----- MIN		
REL_DIST	P	M3
0.00000		1.956382
623.800779		67.190087
0.25000		1.955029
623.801292		64.359001
0.50000		1.955790
623.829866		62.401309
Program SAP2000 Nonlinear Version 7.42		
File:2교부산방형S1-S403.OUT		
< MOVING Page 577 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		
REL_DIST	P	M3
0.75000		1.955510
623.859803		61.223431
0.25000		1.955239
623.894535		60.710870
COMB DB-G1-3 ----- MAX		
REL_DIST	P	M3
0.00000		5.347385
0.16296774		62.172063
0.25000		4.863281
0.16296774		59.526131
0.50000		4.442286
0.16296774		57.662361
0.75000		4.008442
0.16296774		56.515360
1.00000		3.586083
632.253121		55.969451
COMB DB-G1-3 ----- MIN		
REL_DIST	P	M3
0.00000		-11.702147
-590.299631		-47.475566
0.25000		-12.108966
-546.095781		-47.892894
0.50000		-12.533813
-507.588196		-48.598353
0.75000		-12.971381
-492.195725		-46.450064
1.00000		-13.435007
-450.654417		-46.984748
COMB DB-G2-1 ----- MAX		
REL_DIST	P	M3
0.00000		4.510820
56.014619		2.338780
0.25000		3.980873
56.014619		2.397362
0.50000		3.471319
56.014619		2.506706
0.75000		2.961445
56.014619		2.690264
1.00000		2.466906
56.014619		2.999578
COMB DB-G2-1 ----- MIN		
REL_DIST	P	M3
0.00000		-6.979789
-452.737427		-60.239421
0.25000		-7.275868
-452.737427		-65.781290
0.50000		-7.773697
-452.737427		-71.551720
0.75000		-8.551781
-452.737427		-77.339438
1.00000		-9.602364
-452.737427		-83.032628
COMB DB-G2-2 ----- MAX		
REL_DIST	P	M3
0.00000		4.510820
56.014619		2.338780
0.25000		3.980873
56.014619		2.397362
0.50000		3.471319
56.014619		2.506706
0.75000		2.961445
56.014619		2.690264
1.00000		2.466906
56.014619		2.999578
COMB DB-G2-2 ----- MIN		
REL_DIST	P	M3
0.00000		-6.979789
-452.737427		-60.239421
0.25000		-7.275868
-452.737427		-65.781290
0.50000		-7.773697
-452.737427		-71.551720
0.75000		-8.551781
-452.737427		-77.339438
1.00000		-9.602364
-452.737427		-83.032628

0.50000	-17.320725	-170.291805	-7.691573	
-900.023417	-47.169089	-601.803492		
0.75000	-18.016217	-153.047551	-7.691573	
-894.509680	-40.456550	-495.989345		
1.00000	-18.739766	-136.785358	-7.691573	
-888.995913	-35.037983	-390.273949		
COMB DESIGN ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	5.405965	565.748419		7.236470
850.096260	56.824689	5367.205		
0.25000	4.967657	590.100882		7.236470
850.108631	48.966655	4825.625		
0.50000	1.544682	616.118587		7.236470
850.122809	41.524497	4244.134		
0.75000	4.141674	643.671631		7.236470
850.138645	34.338459	3622.240		
1.00000	3.766554	672.596911		7.236470
864.235425	28.337925	2977.380		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-16.33217	-206.783548		-7.691573
-911.050890	-62.452190	-813.502994		
0.25000	-16.658324	-188.275159		-7.691573
-905.537154	-54.843728	-707.642654		
0.50000	-17.320725	-170.291805		-7.691573
-900.023417	-47.169089	-601.803492		
0.75000	-18.016217	-153.047551		-7.691573
-894.509680	-40.456550	-495.989345		
1.00000	-18.739766	-136.785358		-7.691573
-888.995913	-35.037983	-390.273949		
ELEM 88 ===== LENGTH =				
4.532013				
COMB DB-G1-1 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.726533	106.419847		6.404142
425.648484	19.985560	481.552307		
0.25000	0.718078	106.739077		6.404142
426.283735	12.715466	362.061876		
0.50000	0.713240	107.078542		6.404142
427.158148	5.761426	241.893796		
0.75000	0.709633	107.405225		6.404142
428.140710	1.279841	120.976333		
1.00000	0.709637	107.820760		6.404142
429.226176	1.182895	0.071805		
COMB DB-G1-1 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-2.887008	-22.881530		-0.130694
-37.567900	-6.030354	-100.346962		
0.25000	-2.894967	-22.537748		-0.130694
-35.765774	-5.573077	-75.244054		
0.50000	-2.903397	-22.341933		-0.130694
-35.010655	-7.334786	-50.141146		
0.75000	-2.912207	-22.156076		-0.130694
-34.197482	-8.593806	-25.038239		
1.00000	-2.921681	-22.156049		-0.130694
-33.307141	-11.575466	-0.753373		
COMB DB-G1-2 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	1.330194	279.133215		7.882988
622.951992	25.787140	1263.934		
0.25000	1.329881	279.145041		7.882988
622.974036	17.330644	947.715653		
0.50000	1.329701	279.157616		7.882988
623.008120	9.184681	631.477819		
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F R A M E E L E M E N T I N T E R N A L				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.75000	1.329568	279.170844		7.882988
623.044544	3.997356	315.200226		
1.00000	1.329568	279.185111		7.882988
623.084783	4.020926	0.259046		
COMB DB-G1-2 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-7.461062	-43.175505		-0.380385
-143.851730	-10.512752	-195.472851		
0.25000	-7.461357	-43.162761		-0.380385
-143.784660	-11.123292	-146.585333		
0.50000	-7.461669	-43.155506		-0.380385
-143.756664	-11.985389	-97.697816		
0.75000	-7.461995	-43.148607		-0.380385
-143.726518	-13.465107	-48.810299		
1.00000	-7.462346	-43.148606		-0.380385
-143.693510	-17.068828	-1.109354		
COMB DB-G1-3 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	2.548994	531.330619		7.157784
597.139630	26.218605	2407.140		
0.25000	2.136175	550.030837		7.157784
597.141065	18.992891	1868.542		
0.50000	1.868229	569.867366		7.157784
616.929150	12.118736	1290.321		
0.75000	1.767527	590.792797		7.157784
617.453223	8.123639	668.274208		
1.00000	1.767527	613.012476		7.157784
678.868078	9.616747	0.338864		
COMB DB-G1-3 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-14.049376	-93.926994		-4.541065
-457.222568	-25.495917	-272.447588		
0.25000	-14.133372	-77.939584		-4.541065
-424.765841	-21.723134	-204.327685		
0.50000	-15.004541	-66.184808		-4.541065
-389.025688	-18.520583	-136.207782		
0.75000	-15.519047	-60.123301		-4.541065
-389.024244	-16.689088	-68.087880		
1.00000	-16.063555	-60.121838		-4.541065
-389.024244	-18.550852	-1.207757		
COMB DB-G2-1 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	2.159893	364.607791		0.112254
43.873382	5.047488	1652.973		
0.25000	0.902333	387.098799		0.112254
43.873382	5.636228	1316.251		
0.50000	0.672529	411.034308		0.112254

43.873382	6.468977	931.840500		
0.75000	0.672529	436.273588		0.112254
43.873382	7.878619	494.662451		
1.00000	0.672529	462.533934		0.112254
43.873382	11.264926	0.755721		
COMB DB-G2-1 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-9.529913	-51.967068		-6.738158
-472.284072	-21.603636	-117.966097		
0.25000	-10.086101	-37.296662		-6.738158
-472.284072	-13.568427	-88.488997		
0.50000	10.675026	-26.015924		-6.738158
-472.284072	-6.240085	-59.013838		
0.75000	-11.292670	-26.015924		-6.738158
-472.284072	-1.094826	-29.537708		
1.00000	-11.931315	-26.014058		-6.738158
-472.284072	-1.061950	-0.070773		
COMB DB-G2-2 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	2.220116	592.902105		0.330885
161.579709	8.002216	2687.366		
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방향S1-S403.OUT				
< MOVING 589 LOAD >				
F R A M E E L E M E N T I N T E R N A L				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.25000	1.688816	622.225991		0.330885
161.579709	8.824887	2115.211		
0.50000	1.289510	653.429755		0.330885
161.579709	9.881982	1480.838		
0.75000	1.288925	686.315475		0.330885
161.579709	11.527069	777.654119		
1.00000	1.288925	720.801827		0.330885
161.579709	15.264024	1.024181		
COMB DB-G2-2 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-15.533932	-88.446952		-8.294913
-640.109236	-29.880872	-216.302113		
0.25000	-16.260341	-66.700109		-8.294913
-640.109236	-20.914388	-162.244557		
0.50000	17.029469	-50.347698		-8.294913
-640.109236	-12.269492	-108.187000		
0.75000	-17.835738	-47.711735		-8.294913
-640.109236	-5.176455	-54.129444		
1.00000	-18.676510	-47.709351		-8.294913
-640.109236	-4.367515	-0.286649		
COMB DB-G2-3 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	2.589118	641.200939		4.410630
434.039403	19.739526	2905.717		
0.25000	2.099088	667.242630		4.410630
434.039403	15.949157	2267.690		
0.50000	1.748246	694.953935		4.410630
434.039403	12.667555	1574.411		
0.75000	1.748246	724.159705		4.410630
434.039403	11.421682	820.022683		
1.00000	1.748246	754.775229		4.410630
434.039403	14.753075	0.989393		
COMB DB-G2-3 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-16.877597	-97.749273		-7.625921
-617.371360	-31.043912	-280.418221		
0.25000	-17.522647	-78.548869		-7.625921
-617.371360	-23.324836	-210.319988		
0.50000	18.205632	64.045487		-7.625921
-617.371360	-16.005807	-140.221715		
0.75000	-18.921614	-61.869413		-7.625921
-617.371360	-10.424352	-70.123461		
1.00000	-19.667932	-61.867294		-7.625921
-617.371360	-11.854169	-0.771863		
COMB DL-G1-1 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	1.125681	142.119804		0.602070
562.717036	17.716832	520.022612		
0.25000	1.120122	142.456130		0.602070
563.348386	11.609497	442.482956		
0.50000	1.114769	142.815967		0.602070
564.019636	5.881125	295.213243		
0.75000	1.109892	151.97154		0.602070
564.764749	1.985798	147.412405		
1.00000	1.106345	143.598158		0.602070
565.577789	1.881830	0.100828		
COMB DL-G1-1 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-4.040055	-33.800379		-0.141600
-45.496030	-6.365476	-141.135370		
0.25000	-4.048609	-33.575678		-0.141600
-44.661796	-7.130820	-105.828837		
0.50000	-4.057725	-33.335930		-0.141600
-43.843201	-8.355142	-70.519774		
0.75000	-4.067345	-33.151674		-0.141600
-43.050626	-10.872097	-35.213564		
1.00000	-4.077415	-32.998769		-0.141600
-42.292158	-15.853206	-0.946224		
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방향S1-S403.OUT				
< MOVING 590 LOAD >				

0.48410	-11.341208	-108.450184	-0.193518	0.82803	13.400145	144.080037	0.538442	-0.006700	-0.411481	-38.646403	1.00000	16.861512	186.443523	1.021172			
-7.92E-05	-0.279017	-228.206850		0.012002	0.041168	386.187794		0.48410	-1.042085	-14.253448	-0.193343	0.014725	0.322133	367.035316			
0.65607	-11.341208	-108.450184	-0.193518	1.00000	13.400145	144.080037	0.538442	-0.006700	-0.278321	-28.895723		Program	SAP2000	Nonlinear			
-7.92E-05	-0.145744	-153.918539		0.012002	0.206365	366.494167		0.65607	-1.042085	-14.253448	-0.193343	File:2교부산방향S1-S403.OUT	Version	7.42			
0.82803	-11.341208	-108.450184	-0.193518	COMB DB-G2-3 ----- MIN				-0.006700	-0.145221	-19.231076		Page					
-7.92E-05	-0.012447	-79.693138		REL_DIST	M2	M3	V2	0.82803	-1.042085	-14.253448	-0.193343	<	MOVING	LOAD			
1.00000	-11.341208	-108.450184	-0.193518	0.31214	-11.814607	-151.606463	-0.329578	-0.006700	-0.011942	-11.791814		598		>			
-7.92E-05	-0.146363	-15.285050		-0.046197	-0.701383	-190.028774		1.00000	-1.042085	-14.253448	-0.193343	FRAME ELEMENT INTERNAL					
COMB DB-G1-2 ----- MAX				Program	SAP2000	Nonlinear	Version	7.42	COMB DL-G2-2 ----- MAX								
REL_DIST	P	M2	M3	V2	V3	REL_DIST											
T	M2	M3				0.31214	16.861512	184.628292	0.628355	COMB	CAR	----- MIN					
0.014260	0.934894	152.607929	0.445997	<	MOVING	Page	LOAD	>	0.008305	1.306716	637.082486	REL_DIST	M2	P			
0.48410	0.946707	15.295255		595		595			0.48410	16.861512	184.628292	T	M2	M3			
0.014260	0.633453	149.973369	0.445997	FRAME ELEMENT INTERNAL				0.65607	0.882756	518.367825	0.628355	0.31214	-19.263807	-239.279135			
0.65607	0.946707	15.295255	0.445997	REL_DIST	P	M2	M3	0.008305	0.456626	420.875278	0.628355	-0.046871	-0.744409	-317.958750			
0.014260	0.331949	232.699115	0.445997	0.82803	0.946707	-75.156009		0.82803	16.861512	184.628292	0.628355	0.65607	-19.263807	-239.279135			
1.00000	0.946707	15.295255		0.008305	0.045137	345.601029		1.00000	16.861512	184.628292	0.628355	-0.046871	-0.388276	-205.911934			
0.014260	0.177203	294.537192		0.008305	0.193882	278.937922		0.008305	0.193882	278.937922	0.628355	0.82803	-19.263807	-239.279135			
COMB DB-G1-2 ----- MIN				COMB DL-G2-2 ----- MIN				COMB DL-G2-3 ----- MAX									
REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3	COMB	DESIGN	----- MAX			
0.31214	-17.661911	-202.309469	-0.283507	0.31214	-17.661911	-202.309469	-0.283507	0.31214	-5.282457	-88.542809	-0.309369	REL_DIST	M2	P			
-0.039739	-0.603669	-348.734198	-0.283507	0.48410	-17.661911	-202.309469	-0.283507	-0.046871	-0.657645	-58.639911	-0.309369	T	M2	M3			
0.48410	-17.661911	-202.309469	-0.283507	0.65607	-0.408422	-247.177372	-0.283507	0.48410	-5.282457	-88.542809	-0.309369	0.31214	16.861512	186.443523			
-0.039739	-0.408422	-247.177372	-0.283507	0.82803	-17.661911	-202.309469	-0.283507	-0.046871	-0.444029	-33.643061	-0.309369	0.014725	2.140593	681.702395			
0.65607	-17.661911	-202.309469	-0.283507	0.008305	-0.213136	-160.758505	-0.283507	0.65607	-5.282457	-88.542809	-0.309369	0.48410	16.861512	186.443523			
-0.039739	-17.661911	-202.309469	-0.283507	0.82803	-17.661911	-202.309469	-0.283507	-0.046871	-0.231960	-22.108596	-0.309369	0.014725	1.444483	562.395279			
-0.039739	-0.057292	-74.796942	-0.283507	0.82803	-17.661911	-202.309469	-0.283507	0.82803	-5.282457	-88.542809	-0.309369	0.65607	16.861512	186.443523			
1.00000	-17.661911	-202.309469	-0.283507	0.008305	-0.057292	-74.796942	-0.283507	-0.046871	-0.077724	-10.773819	-0.309369	0.014725	0.748886	464.971713			
-0.039739	-0.341465	-0.053223		0.82803	0.946707	-75.156009		1.00000	-5.282457	-88.542809	-0.309369	0.82803	16.861512	186.443523			
COMB DB-G1-3 ----- MAX				0.008305	0.045137	345.601029		-0.046871	-0.454890	-0.146693		0.014725	0.064025	391.975370			
REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3	1.00000	16.861512	186.443523			
0.31214	7.873434	82.133045	0.565162	0.82803	0.946707	-75.156009		0.31214	16.861512	184.628292	0.628355	0.014725	0.322133	367.035316			
0.014260	1.186721	363.558894	0.565162	0.82803	0.946707	-75.156009		0.011578	1.981691	681.702395	0.946586	COMB	DESIGN	----- MIN			
0.48410	7.873434	82.133045	0.565162	0.005982	0.734366	23.126230	0.507830	0.48410	16.861512	186.443523	0.946586	REL_DIST	M2	P			
0.65607	7.873434	82.133045	0.565162	0.65607	0.734366	23.126230	0.507830	0.011578	1.338443	562.395279	0.946586	0.31214	-19.263807	-239.279135			
0.014260	4.020334	306.217822	0.565162	0.82803	0.946707	-75.156009		0.65607	16.861512	186.443523	0.946586	-0.046871	-1.102365	-443.539639			
0.82803	7.873434	82.133045	0.565162	REL_DIST	P	M2	M3	0.011578	0.693396	464.971713	0.946586	0.48410	-19.263807	-239.279135			
0.014260	0.940293	313.743499	0.565162	0.31214	-13.222511	-143.685491	-0.289395	0.82803	16.861512	186.443523	0.946586	-0.046871	-0.744409	-317.958750			
1.00000	0.216250	367.035316		0.48410	-13.222511	-143.685491	-0.289395	0.011578	0.063093	391.975370	0.946586	0.65607	-19.263807	-239.279135			
COMB DB-G1-3 ----- MIN				-8.16E-05	-0.616323	-403.111031	-0.289395	1.00000	16.861512	186.443523	0.946586	0.82803	-19.263807	-239.279135			
REL_DIST	P	M2	M3	V2	V3	REL_DIST	P	M2	M3	V2	V3	-0.046871	-0.090878	-107.228780			
0.31214	-17.661911	-202.309469	-0.283507	-8.16E-05	-0.416527	-304.349367	-0.289395	0.011578	0.301134	346.171099	-0.309369	1.00000	-19.263807	-239.279135			
-0.044104	-0.735975	-331.350235	-0.345736	0.65607	-13.222511	-143.685491	-0.289395	Program	SAP2000	Nonlinear	Version	-0.046871	-19.263807	-239.279135			
0.48410	-17.661911	-202.309469	-0.345736	-8.16E-05	-0.216835	-205.788549	-0.289395	File:2교부산방향S1-S403.OUT	Version	7.42		0.00000	-19.263807	-239.279135			
-0.044104	-0.497874	-234.177566	-0.345736	-8.16E-05	-0.017596	-107.228780	-0.289395	<	MOVING	Page	LOAD	ELEM	90	LENGTH =			
0.65607	-17.661911	-202.309469	-0.345736	-8.16E-05	-0.314970	-13.765756	-0.289395	597				COMB	DB-G1-1	----- MAX			
-0.044104	-0.259722	-152.478576	-0.345736	-8.16E-05	-0.314970	-13.765756	-0.289395	FRAME ELEMENT INTERNAL				REL_DIST	M2	P			
Program	SAP2000	Nonlinear	Version	7.42	COMB DL-G1-2 ----- MAX				0.31214	-13.222511	-143.685491	0.00000	0.463844	8.474536			
File:2교부산방향S1-S403.OUT	COMB DL-G1-2 ----- MAX				REL_DIST	P	M2	M3	V2	V3	0.004994	0.130144	2.509512	0.222460			
<	MOVING	Page	LOAD	>	0.31214	1.607494	20.673066	0.841755	REL_DIST	M2	M3	V2	V3				
594	FRAME ELEMENT INTERNAL				0.014725	1.759082	181.413779	0.841755	0.31214	-12.570404	-163.893280	0.00000	0.463844	8.474536			
REL_DIST	P	M2	M3	V2	V3	0.014725	1.759082	181.413779	-0.046027	-1.028489	-228.505669	0.004994	0.012109	71.747033			
0.82803	-17.661911	-202.309469	-0.345736	0.48410	-13.222511	-143.685491	-0.289395	0.48410	-12.570404	-163.893280	-0.483597	0.34397	0.463844	8.474536			
-0.044104	-0.080219	-71.170502	-0.345736	0.65607	1.607494	20.673066	0.841755	0.65607	16.861512	186.443523	-0.483597	0.004994	0.145009	145.916336			
1.00000	-17.661911	-202.309469	-0.345736	0.014725	0.614562	190.971323	0.841755	-0.046027	-0.694683	-152.216667	-0.483597	0.51595	0.463844	8.474536			
-0.044104	-0.059722	-152.478576	-0.345736	0.82803	1.607494	20.673066	0.841755	0.65607	-12.570404	-163.893280	-0.483597	0.004994	0.277874	220.165036			
Program	SAP2000	Nonlinear	Version	7.42	0.014725	0.052627	228.934185	0.841755	-0.046027	-0.362439	-90.206195	-0.483597	0.68794	0.463844	8.474536		
File:2교부산방향S1-S403.OUT	COMB DL-G1-2 ----- MAX				1.00000	1.607494	20.673066	0.841755	-0.046027	-12.570404	-163.893280	-0.483597	0.004994	0.410725	294.452981		
<	MOVING	Page	LOAD	>	0.014725	2.685656	279.930954	0.841755	-0.046027	-0.089072	-31.194143	-0.483597	COMB DB-G1-1 ----- MIN				
594	FRAME ELEMENT INTERNAL				COMB DL-G1-2 ----- MAX				0.31214	-12.							

0.00000 -12.99041 -132.321103 -0.342932
-0.012131 -0.214282 -0.047820
-0.17198 -12.999041 -132.321103
-0.012131 -0.061812 -30.328770
0.34397 -12.99041 -132.321103
-0.012131 -0.435236 -80.757953
0.51595 -12.99041 -132.321103
-0.012131 -0.827862 -132.321048
0.68794 -12.99041 -132.321103
-0.012131 -1.220599 -200.040021

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

REL_DIST M2 P M3 V2 V3

0.00000 11.935961 116.753918 0.210613
0.000392 0.146689 2.545969
0.17198 11.935961 116.753918 0.210613
0.000392 0.009511 8.679005
0.34397 11.935961 116.753918 0.210613
0.000392 0.109907 15.756554
0.51595 11.935961 116.753918 0.210613
0.000392 0.210608 23.086134
0.68794 11.935961 116.753918 0.210613
0.000392 0.311292 30.493743

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

REL_DIST M2 P M3 V2 V3

0.00000 -0.684323 -10.808823 -0.146152
-0.005144 -0.091434 -16.341774
0.17198 -0.684323 -10.808823
-0.005144 -0.008726 -86.829106
0.34397 -0.684323 -10.808823 -0.146152
-0.005144 -0.144509 -166.717641
0.51595 -0.684323 -10.808823 -0.146152
-0.005144 -0.289354 -246.644243
0.68794 -0.684323 -10.808823 -0.146152
-0.005144 -0.434411 -326.744058

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

REL_DIST M2 P M3 V2 V3

0.00000 17.37544 213.095616 0.421241
0.040055 0.323464 293.372200
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FRAME ELEMENT INTERNAL

REL_DIST M2 P M3 V2 V3

0.17198 17.37544 213.095616 0.421241
0.040055 0.052863 232.302599
0.34397 17.37544 213.095616 0.421241
0.040055 0.165741 183.577545
0.51595 17.37544 213.095616 0.421241
0.040055 0.317446 145.946127
0.68794 17.37544 213.095616 0.421241
0.040055 0.469064 146.882964

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

REL_DIST M2 P M3 V2 V3

0.00000 -1.017779 -15.751472 -0.220117
-0.014673 -0.137420 -0.137899
0.17198 -1.017779 -15.751472 -0.220117
-0.014673 -0.032931 -83.818757
0.34397 -1.017779 -15.751472 -0.220117
-0.014673 -0.299748 -177.053104
0.51595 -1.017779 -15.751472 -0.220117
-0.014673 -0.586589 -270.511730
0.68794 -1.017779 -15.751472 -0.220117
-0.014673 -0.873514 -378.850975

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

REL_DIST M2 P M3 V2 V3

0.00000 16.624074 217.661839 0.568380
0.044227 0.407724 366.501388
0.17198 16.624074 217.661839 0.568380
0.044227 0.060234 311.398630
0.34397 16.624074 217.661839 0.568380
0.044227 0.245810 298.621783
0.51595 16.624074 217.661839 0.568380
0.044227 0.470907 300.485467
0.68794 16.624074 217.661839 0.568380
0.044227 0.695911 344.663738

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

REL_DIST M2 P M3 V2 V3

0.00000 -7.496293 -75.971605 -0.326645
-0.014567 -0.204122 -0.167234
0.17198 -7.496293 -75.971605 -0.326645
-0.014567 -0.055399 -77.907536
0.34397 -7.496293 -75.971605 -0.326645
-0.014567 -0.419568 -164.471022
0.51595 -7.496293 -75.971605 -0.326645
-0.014567 -0.807618 -251.258655
0.68794 -7.496293 -75.971605 -0.326645
-0.014567 -1.195841 -353.266879

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

REL_DIST M2 P M3 V2 V3

0.00000 0.669856 10.599965 0.469226
0.006312 -0.179044 -2.476801
0.17198 0.669856 10.599965 0.469226
0.006312 0.016858 92.053111
0.34397 0.669856 10.599965 0.469226
0.006312 0.215681 190.139896
0.51595 0.669856 10.599965 0.469226
0.006312 0.414910 288.503645
0.68794 0.669856 10.599965 0.469226
0.006312 0.614233 386.968759

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

REL_DIST M2 P M3 V2 V3

0.00000 -12.947908 -143.010855 -0.288622
-0.000279 -0.179044 -13.017552
0.17198 -12.947908 -143.010855 -0.288622
-0.000279 -0.047181 -9.638963
0.34397 -12.947908 -143.010855 -0.288622
-0.000279 -0.369649 -14.001497
0.51595 -12.947908 -143.010855 -0.288622
-0.000279 -0.211982 -11.019822
0.68794 -12.947908 -143.010855 -0.288622
-0.000279 -0.101624 -28.392224
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FRAME ELEMENT INTERNAL

REL_DIST M2 P M3 V2 V3

0.00000 -8.762250 -96.527776 -0.479623
-0.014937 -0.298459 -0.169030

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

REL_DIST M2 P M3 V2 V3

0.00000 4.532641 86.610083 0.809453
0.046258 0.528222 279.934747
0.17198 4.532641 86.610083 0.809453
0.046258 0.065836 334.051125
0.34397 4.532641 86.610083 0.809453
0.046258 0.321173 395.689221
0.51595 4.532641 86.610083 0.809453
0.046258 0.617071 477.762327
0.68794 4.532641 86.610083 0.809453
0.046258 0.913856 581.748221

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

REL_DIST M2 P M3 V2 V3

0.00000 -15.349870 -165.838394 -0.429279
-0.008258 -0.265534 -0.061908
0.17198 -15.349870 -165.838394 -0.429279
-0.008258 -0.082535 -7.357391
0.34397 -15.349870 -165.838394 -0.429279
-0.008258 -0.619874 -15.271182
0.51595 -15.349870 -165.838394 -0.429279
-0.008258 -1.173734 -23.251178
0.68794 -15.349870 -165.838394 -0.429279
-0.008258 -1.727409 -44.118046

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

REL_DIST M2 P M3 V2 V3

0.00000 12.579443 171.854319 1.024611
0.045608 0.672692 346.716987
0.17198 12.579443 171.854319 1.024611
0.045608 0.070563 382.018246
0.34397 12.579443 171.854319 1.024611
0.045608 0.384750 444.466466
0.51595 12.579443 171.854319 1.024611
0.045608 0.738989 529.310808
0.68794 12.579443 171.854319 1.024611
0.045608 1.094119 636.702785

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

REL_DIST M2 P M3 V2 V3

0.00000 -15.117085 -171.634886 -0.514066
-0.011848 -0.319376 -0.063068
0.17198 -15.117085 -171.634886 -0.514066
-0.011848 -0.088555 -34.208277
0.34397 -15.117085 -171.634886 -0.514066
-0.011848 -0.771792 -97.139370
0.51595 -15.117085 -171.634886 -0.514066
-0.011848 -1.473991 -162.750818
0.68794 -15.117085 -171.634886 -0.514066
-0.011848 -2.175962 -241.940815

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

REL_DIST M2 P M3 V2 V3

0.00000 14.079665 156.559405 0.377559
0.000359 0.255654 2.542622
0.17198 14.079665 156.559405 0.377559
0.000359 0.015549 11.959006
0.34397 14.079665 156.559405 0.377559
0.000359 0.144819 20.791787
0.51595 14.079665 156.559405 0.377559
0.000359 0.277770 30.536238
0.68794 14.079665 156.559405 0.377559
0.000359 0.410773 40.316117

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

REL_DIST M2 P M3 V2 V3

0.00000 -0.997621 -14.308864 -0.193058
-0.006480 -0.121406 -14.826353
0.17198 -0.997621 -14.308864 -0.193058
-0.006480 -0.010905 -117.482140
0.34397 -0.997621 -14.308864 -0.193058
-0.006480 -0.265042 -224.899566
0.51595 -0.997621 -14.308864 -0.193058
-0.006480 -0.525848 -332.329212
0.68794 -0.997621 -14.308864 -0.193058
-0.006480 -0.784742 -439.963458
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FRAME ELEMENT INTERNAL

REL_DIST M2 P M3 V2 V3

0.00000 20.061955 251.428287 0.696026
0.039011 0.500458 278.946688
0.17198 20.061955 251.428287 0.696026
0.039011 0.061390 228.975976
0.34397 20.061955 251.428287 0.696026
0.039011 0.229657 191.091384
0.51595 20.061955 251.428287 0.696026
0.039011 0.440441 173.828272
0.68794 20.061955 251.428287 0.696026
0.039011 0.651773 178.535320

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

REL_DIST M2 P M3 V2 V3

0.00000 -1.661853 -21.695492 -0.306225
-0.015402 -0.191111 -0.142012
0.17198 -1.661853 -21.695492 -0.306225
-0.015402 -0.036284 -106.963090
0.34397 -1.661853 -21.695492 -0.306225
-0.015402 -0.492749 -229.447779
0.51595 -1.661853 -21.695492 -0.306225
-0.015402 -0.969753 -352.226771
0.68794 -1.661853 -21.695492 -0.306225
-0.015402 -1.443599 -488.035822

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

REL_DIST M2 P M3 V2 V3

0.00000 19.302500 253.143019 0.987422
0.043053 0.667358 346.179958
0.17198 19.302500 253.143019 0.987422
0.043053 0.070668 328.797876
0.34397 19.302500 253.143019 0.987422
0.043053 0.359172 339.613698
0.51595 19.302500 253.143019 0.987422
0.043053 0.689353 372.077306
0.68794 19.302500 253.143019 0.987422
0.043053 1.020615 427.125183

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

REL_DIST M2 P M3 V2 V3

0.00000 -8.762250 -96.527776 -0.479623
-0.014937 -0.298459 -0.169030

0.17198 -8.762250 -96.527776 -0.479623

0.043937 -0.071287 -99.310964

0.34397 -8.762250 -96.527776 -0.479623

-0.014937 -0.272554 -212.983635

0.51595 -8.762250 -96.527776 -0.479623

-0.014937 -1.405122 -327.038351

0.68794 -8.762250 -96.527776 -0.479623

-0.014937 -2.079859 -457.562657

COMB DB ----- MAX

REL_DIST M2 P M3 V2 V3

0.00000 17.373544 217.661839 0.574937
0.046059 0.407724 367.041635
0.17198 17.373544 217.661839 0.574937
0.046059 0.061544 379.903497
0.34397 17.373544 217.661839 0.574937
0.046059 0.258058 407.287447
0.51595 17.373544 217.661839 0.574937
0.046059 0.494389 447.628009
0.68794 17.373544 217.661839 0.574937
0.046059 0.730613 526.361639

COMB DB ----- MIN

REL_DIST M2 P M3 V2 V3

0.00000 -13.368516 -132.321103 -0.342932
-0.014673 -0.214282 -16.341774
0.17198 -13.368516 -132.321103 -0.342932
-0.014673 -0.061812 -86.829106
0.34397 -13.368516 -132.321103 -0.342932
-0.014673 -0.435236 -177.053104
0.51595 -13.368516 -132.321103 -0.342932
-0.014673 -0.827862 -270.511730
0.68794 -13.368516 -132.321103 -0.342932
-0.014673 -1.220599 -378.850975
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FRAME ELEMENT INTERNAL

REL_DIST M2 P M3 V2 V3

0.00000 20.061955 253.143019 1.024611
0.046258 0.672692 346.716987
0.17198 20.061955 253.143019 1.024611
0.046258 0.070953 382.018246
0.34397 20.061955 253.143019 1.024611
0.046258 0.384750 444.466466
0.51595 20.061955 253.143019 1.024611
0.046258 0.738989 529.310808
0.68794 20.061955 253.143019 1.024611
0.046258 1.094119 636.702785

COMB DL ----- MIN

REL_DIST M2 P M3 V2 V3

0.00000 -15.349870 -171.634886 -0.514066
-0.015402 -0.319376 -0.063068
0.17198 -15.349870 -171.634886 -0.514066
-0.015402 -0.088555 -117.482140
0.34397 -15.349870 -171.634886 -0.514066
-0.015402 -0.771792 -229.447779
0.51595 -15.349870 -171.634886 -0.514066
-0.015402 -1.473991 -162.750818
0.68794 -15.349870 -171.634886 -0.514066
-0.015402 -2.175962 -241.940815

COMB CAR ----- MAX

REL_DIST M2 P M3 V2 V3

0.00000 20.061955 253.143019 1.024611
0.046258 0.672692 367.041635
0.17198 20.061955 253.143019 1.024611
0.046258 0.070953 382.018246
0.34397 20.061955 253.143019 1.024611
0.046258 0.384750 444.466466
0.51595 20.061955 253.143019 1.024611
0.046258 0.738989 529.310808
0.68794 20.061955 253.143019 1.024611
0.046258 1.094119 636.702785

COMB CAR ----- MIN

REL_DIST M2 P M3 V2 V3

0.00000 -15.349870 -171.634886 -0.514066
-0.015402 -0.319376 -0.063068
0.17198 -15.349870 -171.634886 -0.514066
-0.015402 -0.088555 -117.482140
0.34397 -15.349870 -171.634886 -0.514066
-0.015402 -0.771792 -229.447779
0.51595 -15.349870 -171.634886 -0.514066
-0.015402 -1.473991 -162.750818
0.68794 -15.349870 -171.634886 -0.514066
-0.015402 -2.175962 -241.940815

COMB DESIGN ----- MAX

REL_DIST M2 P M3 V2 V3

0.00000 20.061955 253.143019 1.024611
0.046258

-0.019391 -0.524397 -115.036723 -0.278827
-0.48410 -0.083468 -122.874176
-0.019391 -0.332370 -41.332388
0.65607 -0.083468 -122.874176 -0.278827
-0.019391 -0.140209 -15.235316
0.82803 -0.083468 -122.874176 -0.278827
-0.019391 -0.134195 -2.751236
1.00000 -0.083468 -122.874176 -0.278827
-0.019391 -0.467445 -0.027428

COMB DB-G2-3 ----- MAX
REL_DIST T M2 M3 V2 V3
0.31213 5.301722 47.793574 0.664991
0.021075 1.208158 199.972977
0.48410 5.301722 47.793574 0.664991
0.021075 0.762946 175.190271 0.664991
0.65607 5.301722 47.793574 0.664991
0.021075 0.320702 166.145161
0.82803 5.301722 47.793574 0.664991
0.021075 0.075718 211.185908
1.00000 5.301722 47.793574 0.664991
0.021075 0.359392 263.891217

COMB DB-G2-3 ----- MIN
REL_DIST T M2 M3 V2 V3
0.31213 -10.003582 -131.139755 -0.411575
-0.019252 -0.774359 -127.426799
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F R A M E E L E M E N T I N T E R N A L
REL_DIST T M2 M3 V2 V3
0.48410 -10.003582 -131.139755 -0.411575
-0.019252 -0.403900 -48.490927
0.65607 -10.003582 -131.139755 -0.411575
-0.019252 -0.207354 -18.305211
0.82803 -10.003582 -131.139755 -0.411575
-0.019252 -0.170488 -3.075443
1.00000 -10.003582 -131.139755 -0.411575
-0.019252 -0.626145 -0.028288

COMB DL-G1-1 ----- MAX
REL_DIST T M2 M3 V2 V3
0.31213 2.357896 9.178600 0.585599
0.004574 1.104508 21.109802
0.48410 2.357896 9.178600 0.585599
0.004574 0.701208 18.846700
0.65607 2.357896 9.178600 0.585599
0.004574 0.297938 8.781228
0.82803 2.357896 9.178600 0.585599
0.004574 0.064467 3.077262
1.00000 2.357896 9.178600 0.585599
0.004574 0.311381 1.251478

COMB DL-G1-1 ----- MIN
REL_DIST T M2 M3 V2 V3
0.31213 -2.179136 -16.956945 -0.359476
-4.76E-05 -0.676440 -47.928608
0.48410 -2.179136 -16.956945 -0.359476
-4.76E-05 -0.326110 -36.201000
0.65607 -2.179136 -16.956945 -0.359476
-4.76E-05 -0.180540 -24.889763
0.82803 -2.179136 -16.956945 -0.359476
-4.76E-05 -0.105610 -13.796315
1.00000 -2.179136 -16.956945 -0.359476
-4.76E-05 -0.508770 -6.502928

COMB DL-G1-2 ----- MAX
REL_DIST T M2 M3 V2 V3
0.31213 3.534246 26.276171 0.984225
0.021658 1.809555 119.877944
0.48410 3.534246 26.276171 0.984225
0.021658 1.143041 106.001011 0.984225
0.65607 3.534246 26.276171 0.984225
0.021658 0.475677 115.170169 0.984225
0.82803 3.534246 26.276171 0.984225
0.021658 0.097560 162.328035 0.984225
1.00000 3.534246 26.276171 0.984225
0.021658 0.464822 212.457411

COMB DL-G1-2 ----- MIN
REL_DIST T M2 M3 V2 V3
0.31213 -6.971273 -106.679002 -0.536709
-0.014922 -1.009518 -115.679002 -0.536709
0.48410 -6.971273 -106.679002 -0.536709
-0.014922 -0.403900 -48.490927
0.65607 -6.971273 -106.679002 -0.536709
-0.014922 -0.268995 -20.939103
0.82803 -6.971273 -106.679002 -0.536709
-0.014922 -0.226701 -8.400505
1.00000 -6.971273 -106.679002 -0.536709
-0.014922 -0.904091 -0.019913

COMB DL-G1-3 ----- MAX
REL_DIST T M2 M3 V2 V3
0.31213 4.583252 34.531177 1.221084
0.021274 2.253472 153.431121
0.48410 4.583252 34.531177 1.221084
0.021274 1.423847 134.569001
0.65607 4.583252 34.531177 1.221084
0.021274 0.593184 139.982606
0.82803 4.583252 34.531177 1.221084
0.021274 0.118095 189.526224
1.00000 4.583252 34.531177 1.221084
0.021274 0.558906 245.211992
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F R A M E E L E M E N T I N T E R N A L
COMB DL-G1-3 ----- MIN
REL_DIST T M2 M3 V2 V3
0.31213 -8.906048 -123.514662 -0.643952
-0.017707 -1.211321 -138.872142
0.48410 -8.906048 -123.514662 -0.643952
-0.017707 -0.766337 -57.439518
0.65607 -8.906048 -123.514662 -0.643952
-0.017707 -0.232382 -21.429645
0.82803 -8.906048 -123.514662 -0.643952
-0.017707 -0.272156 -8.408988
1.00000 -8.906048 -123.514662 -0.643952
-0.017707 -1.112760 -0.018296

COMB DL-G2-1 ----- MAX
REL_DIST T M2 M3 V2 V3
0.31213 2.384358 19.114740 0.429349
0.000190 0.810709 50.669257
0.48410 2.384358 19.114740 0.429349
0.000190 0.516143 37.580018
0.65607 2.384358 19.114740 0.429349
0.000190 0.215090 24.527071
0.82803 2.384358 19.114740 0.429349
0.000190 0.045070 11.586262
1.00000 2.384358 19.114740 0.429349
0.000190 0.212745 1.294929

COMB DL-G2-1 ----- MIN
REL_DIST T M2 M3 V2 V3
0.31213 -2.388088 -8.887708 -0.243328
-0.004371 -0.457683 -30.93709
0.48410 -2.388088 -8.887708 -0.243328
-0.004371 -0.290118 -24.027662
0.65607 -2.388088 -8.887708 -0.243328
-0.004371 -0.122604 -18.043828
0.82803 -2.388088 -8.887708 -0.243328
-0.004371 -0.076571 -12.145723
1.00000 -2.388088 -8.887708 -0.243328
-0.004371 -0.373086 -8.407881

COMB DL-G2-2 ----- MAX
REL_DIST T M2 M3 V2 V3
0.31213 3.143026 29.801002 0.792841
0.016430 1.451180 123.429638
0.48410 3.143026 29.801002 0.792841
0.016430 0.917724 107.137372
0.65607 3.143026 29.801002 0.792841
0.016430 0.380894 113.921795
0.82803 3.143026 29.801002 0.792841
0.016430 0.072781 158.897927
1.00000 3.143026 29.801002 0.792841
0.016430 0.337309 210.336252

COMB DL-G2-2 ----- MIN
REL_DIST T M2 M3 V2 V3
0.31213 -7.689934 -105.239177 -0.386698
-0.020124 -0.726993 -109.209145
0.48410 -7.689934 -105.239177 -0.386698
-0.020124 -0.460128 -40.368158
0.65607 -7.689934 -105.239177 -0.386698
-0.020124 -0.193962 -15.329003
0.82803 -7.689934 -105.239177 -0.386698
-0.020124 -0.100257 -4.053470
1.00000 -7.689934 -105.239177 -0.386698
-0.020124 -0.736816 -0.026163

COMB DL-G2-3 ----- MAX
REL_DIST T M2 M3 V2 V3
0.31213 4.998284 46.978649 1.156134
0.019016 2.130522 199.213842
0.48410 4.998284 46.978649 1.156134
0.019016 1.346728 171.403437
0.65607 4.998284 46.978649 1.156134
0.019016 0.559933 166.962302
0.82803 4.998284 46.978649 1.156134
0.019016 0.111127 201.902653
1.00000 4.998284 46.978649 1.156134
0.019016 0.523554 244.294764
Program SAP2000 Nonlinear Version 7.42
File:2교부산발행S1-S403.OUT

< MOVING Page 608 LOAD >
F R A M E E L E M E N T I N T E R N A L
COMB DL-G2-3 ----- MIN
REL_DIST T M2 M3 V2 V3
0.31213 -8.575005 -112.045551 -0.602449
-0.019574 -1.132980 -120.320295
0.48410 -8.575005 -112.045551 -0.602449
-0.019574 -0.717013 -46.596844
0.65607 -8.575005 -112.045551 -0.602449
-0.019574 -0.302302 -17.613245
0.82803 -8.575005 -112.045551 -0.602449
-0.019574 -0.262234 -3.957820
1.00000 -8.575005 -112.045551 -0.602449
-0.019574 -1.058360 -0.026918

COMB DB ----- MAX
REL_DIST T M2 M3 V2 V3
0.31213 5.301722 47.793574 0.681690
0.022863 1.208158 199.972977
0.48410 5.301722 47.793574 0.681690
0.022863 0.783749 175.190271
0.65607 5.301722 47.793574 0.681690
0.022863 0.329911 166.145161
0.82803 5.301722 47.793574 0.681690
0.022863 0.075718 211.185908
1.00000 5.301722 47.793574 0.681690
0.022863 0.376231 264.491368

COMB DB ----- MIN
REL_DIST T M2 M3 V2 V3
0.31213 -10.195630 -142.677189 -0.431038
-0.019391 -0.811131 -141.717443
0.48410 -10.195630 -142.677189 -0.431038
-0.019391 -0.514278 -55.302481
0.65607 -10.195630 -142.677189 -0.431038
-0.019391 -0.217272 -21.732337
0.82803 -10.195630 -142.677189 -0.431038
-0.019391 -0.171629 -13.820007
1.00000 -10.195630 -142.677189 -0.431038
-0.019391 -0.639599 -8.187786

COMB DL ----- MAX
REL_DIST T M2 M3 V2 V3
0.31213 4.998284 46.978649 1.221084
0.021658 2.253472 199.213842
0.48410 4.998284 46.978649 1.221084
0.021658 1.423847 171.403437
0.65607 4.998284 46.978649 1.221084
0.021658 0.593184 166.962302
0.82803 4.998284 46.978649 1.221084
0.021658 0.118095 201.902653
1.00000 4.998284 46.978649 1.221084
0.021658 0.558906 245.211992

COMB DL ----- MIN
REL_DIST T M2 M3 V2 V3
0.31213 -8.906048 -123.514662 -0.643952
-0.020124 -1.211321 -138.872142
0.48410 -8.906048 -123.514662 -0.643952

-0.020124 -0.766637 -57.439518 -0.643952
0.65607 -8.906048 -123.514662 -0.643952
-0.020124 -0.332382 -41.332388
0.82803 -8.906048 -123.514662 -0.643952
-0.020124 -0.272156 -13.796315
1.00000 -8.906048 -123.514662 -0.643952
-0.020124 -1.112760 -8.407881

COMB CAR ----- MAX
REL_DIST T M2 M3 V2 V3
0.31213 5.301722 47.793574 1.221084
0.022863 2.253472 199.972977
0.48410 5.301722 47.793574 1.221084
0.022863 1.423847 175.190271
0.65607 5.301722 47.793574 1.221084
0.022863 0.593184 166.962302
0.82803 5.301722 47.793574 1.221084
0.022863 0.180959 211.185908
1.00000 5.301722 47.793574 1.221084
0.022863 0.558906 264.491368
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< MOVING Page 609 LOAD >
F R A M E E L E M E N T I N T E R N A L
COMB CAR ----- MIN
REL_DIST T M2 M3 V2 V3
0.31213 -10.195630 -142.677189 -0.643952
-0.020124 -1.211321 -141.717443
0.48410 -10.195630 -142.677189 -0.643952
-0.020124 -0.766337 -57.439518
0.65607 -10.195630 -142.677189 -0.643952
-0.020124 -0.332382 -24.889763
0.82803 -10.195630 -142.677189 -0.643952
-0.020124 -0.272156 -13.820007
1.00000 -10.195630 -142.677189 -0.643952
-0.020124 -1.112760 -8.407881

COMB DESIGN ----- MAX
REL_DIST T M2 M3 V2 V3
0.31213 5.301722 47.793574 1.221084
0.022863 2.253472 199.972977
0.48410 5.301722 47.793574 1.221084
0.022863 1.423847 175.190271
0.65607 5.301722 47.793574 1.221084
0.022863 0.593184 166.962302
0.82803 5.301722 47.793574 1.221084
0.022863 0.180959 211.185908
1.00000 5.301722 47.793574 1.221084
0.022863 0.558906 264.491368

COMB DESIGN ----- MIN
REL_DIST T M2 M3 V2 V3
0.31213 -10.195630 -142.677189 -0.643952
-0.020124 -1.211321 -141.717443
0.48410 -10.195630 -142.677189 -0.643952
-0.020124 -0.766637 -57.439518
0.65607 -10.195630 -142.677189 -0.643952
-0.020124 -0.332382 -24.889763
0.82803 -10.195630 -142.677189 -0.643952
-0.020124 -0.272156 -13.820007
1.00000 -10.195630 -142.677189 -0.643952
-0.020124 -1.112760 -8.407881

ELEM 92 ----- LENGTH = 4.004810
COMB DB-G1-1 ----- MAX
REL_DIST T M2 M3 V2 V3
0.000000 2.861198 9.551679 0.257779
0.003430 0.221358 1.195834
0.003430 2.861198 9.551679 0.257779
0.003430 0.043713 10.102248
0.34394 2.861198 9.551679 0.257779
0.003430 0.121225 20.430897
0.51591 2.861198 9.551679 0.257779
0.003430 0.287123 30.806546
1.00000 2.861198 9.551679 0.257779
0.003430 0.452979 41.194692

COMB DB-G1-1 ----- MIN
REL_DIST T M2 M3 V2 V3
0.000000 -2.169409 -15.093487 -0.240824
-4.11E-05 -0.210426 -7.093881
0.17197 -2.169409 -15.093487 -0.240824
-4.11E-05 -0.044492 -12.918865
0.34394 -2.169409 -15.093487 -0.240824
-4.11E-05 -0.137116 -19.862223
0.51591 -2.169409 -15.093487 -0.240824
-4.11E-05 -0.311263 -25.852259
0.68788 -2.169409 -15.093487 -0.240824
-4.11E-05 -0.488794 -32.411848

COMB DB-G1-2 ----- MAX
REL_DIST T M2 M3 V2 V3
0.000000 8.994273 124.662911 0.500530
0.019071 0.448369 229.154577
0.019071 8.994273 124.662911 0.500530
0.019071 0.103655 160.970088
0.34394 8.994273 124.662911 0.500530
0.019071 0.176407 101.717507
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F R A M E E L E M E N T I N T E R N A L
REL_DIST T M2 M3 V2 V3
0.51591 8.994273 124.662911 0.500530
0.019071 0.448369 229.154577
0.68788 8.994273 124.662911 0.500530
0.019071 0.658633 102.959563

COMB DB-G1-2 ----- MIN
REL_DIST T M2 M3 V2 V3
0.000000 -3.019253 -24.180695 -0.350053
-0.018454 -0.305630 -0.007086
0.17197 -3.019253 -24.180695 -0.350053
-0.018454 -0.095433 -1.831309
0.34394 -3.019253 -24.180695 -0.350053
-0.018454 -0.282377 -15.192177
0.51591 -3.019253 -24.180695 -0.350053
-0.018454 -0.604978 -42.877871
0.68788 -3.019253 -24.180695 -0.350053
-0.018454 -0.948207 -118.473915

COMB DB-G1-3 ----- MAX
REL_DIST T M2 M3 V2 V3
0.000000 10.028106 134.102287 0.670681
0.019051 0.595862 264.149220
0.17197 10.028106 134.102287 0.670681
0.019051 0.134052 208.411734
0.34394 10.028106 134.102287 0.670681
0.019051 0.215746 161.070669
0.51591 10.028106 134.102287 0.670681
0.019051 0.511002 167.191657
0.68788 10.028106 134.102287 0.670681
0.019051 0.806094 188.716698

COMB DB-G1-3 ----- MIN
REL_DIST T M2 M3 V2 V3
0.000000 -5.491452 -48.844689 -0.428503
-0.021137 -0.374272 -0.006333
0.17197 -5.491452 -48.844689 -0.428503
-0.021137 -0.110703 -2.565543
0.34394 -5.491452 -48.844689 -0.428503
-0.021137 -0.349926 -20.007535
0.51591 -5.491452 -48.844689 -0.428503
-0.021137 -0.809578 -52.605556
0.68788 -5.491452 -48.844689 -0.428503
-0.021137 -1.269953 -134.302456

COMB DB-G2-1 ----- MAX
REL_DIST T M2 M3 V2 V3
0.000000 2.282359 17.077209 0.253401
0.000298 0.223792 1.222389
0.17197 2.282359 17.077209 0.253401
0.000298 0.049124 2.296104
0.34394 2.282359 17.077209 0.253401
0.000298 0.092808 4.670975
0.51591 2.282359 17.077209 0.253401
0.000298 0.219992 10.462894
0.68788 2.282359 17.077209 0.253401
0.000298 0.347165 16.266364

COMB DB-G2-1 ----- MIN
REL_DIST T M2 M3 V2 V3
0.000000 -2.881490 -8.639464 -0.184657
-0.003991 -0.181511 -8.174905
0.17197 -2.881490 -8.639464 -0.184657
-0.003991 -0.034203 -13.729085
0.34394 -2.881490 -8.639464 -0.1

T	M2	M3		
0.00000	-2.233677	-16.723987	-0.359060	
-4.35E-05	-0.311697	-6.477650		
0.17197	-2.233677	-16.723987	-0.359060	
-4.35E-05	-0.065080	-10.961556		
0.34394	-2.233677	-16.723987	-0.359060	
-4.35E-05	-0.287281	-17.012420		
0.51591	-2.233677	-16.723987	-0.359060	
-4.35E-05	-0.672525	-23.131049		
0.68788	-2.233677	-16.723987	-0.359060	
-4.35E-05	-1.057931	-29.314377		
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COMB DL-G1-2 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	7.629129	106.312044	0.939235	
0.019745	0.825467	212.428228		
0.17197	7.629129	106.312044	0.939235	
0.019745	0.179799	157.192390		
0.34394	7.629129	106.312044	0.939235	
0.019745	0.266529	109.127399		
0.51591	7.629129	106.312044	0.939235	
0.019745	0.633607	100.051545		
0.68788	7.629129	106.312044	0.939235	
0.019745	1.001803	112.841008		
COMB DL-G1-2 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	-3.129436	-25.953084	-0.533164	
-0.016329	-0.484927	-0.009439		
0.17197	-3.129436	-25.953084	-0.533164	
-0.016329	-0.134125	-2.908868		
0.34394	-3.129436	-25.953084	-0.533164	
-0.016329	-0.489882	-14.213656		
0.51591	-3.129436	-25.953084	-0.533164	
-0.016329	-1.137135	-40.131718		
0.68788	-3.129436	-25.953084	-0.533164	
-0.016329	-1.783429	-110.084604		
COMB DL-G1-3 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	8.668407	114.791380	1.196976	
0.019324	1.046875	245.196713		
0.17197	8.668407	114.791380	1.196976	
0.019324	0.223789	198.406898		
0.34394	8.668407	114.791380	1.196976	
0.019324	0.320483	160.785338		
0.51591	8.668407	114.791380	1.196976	
0.019324	0.761279	163.076944		
0.68788	8.668407	114.791380	1.196976	
0.019324	1.203161	187.492178		
COMB DL-G1-3 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	-5.089315	-43.214263	-0.640330	
-0.019169	-0.579250	-0.008474		
0.17197	-5.089315	-43.214263	-0.640330	
-0.019169	-0.154995	-3.111876		
0.34394	-5.089315	-43.214263	-0.640330	
-0.019169	-0.623397	-18.458913		
0.51591	-5.089315	-43.214263	-0.640330	
-0.019169	-1.448354	-49.601647		
0.68788	-5.089315	-43.214263	-0.640330	
-0.019169	-2.272122	-125.095954		
COMB DL-G2-1 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	2.375574	13.359101	0.455201	
0.000256	0.401798	1.285523		
0.17197	2.375574	13.359101	0.455201	
0.000256	0.087395	2.911076		
0.34394	2.375574	13.359101	0.455201	
0.000256	0.122242	7.638841		
0.51591	2.375574	13.359101	0.455201	
0.000256	0.289669	13.576231		
0.68788	2.375574	13.359101	0.455201	
0.000256	0.457166	19.709365		
COMB DL-G2-1 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	-2.424992	-9.049934	-0.243218	
-0.005007	-0.212987	-8.382642		
0.17197	-2.424992	-9.049934	-0.243218	
-0.005007	-0.045409	-16.999625		
0.34394	-2.424992	-9.049934	-0.243218	
-0.005007	-0.226254	-29.385610		
0.51591	-2.424992	-9.049934	-0.243218	
-0.005007	-0.404699	-42.408491		
0.68788	-2.424992	-9.049934	-0.243218	
-0.005007	-0.853011	-55.648191		
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COMB DL-G2-2 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	7.234652	110.505233	0.809710	
0.015091	0.722255	210.307978		
0.17197	7.234652	110.505233	0.809710	
0.015091	0.164887	159.505248		
0.34394	7.234652	110.505233	0.809710	
0.015091	0.192248	111.481433		
0.51591	7.234652	110.505233	0.809710	
0.015091	0.456342	102.002615		
0.68788	7.234652	110.505233	0.809710	
0.015091	0.720857	114.318196		
COMB DL-G2-2 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	-3.832528	-25.181803	-0.383730	
-0.022060	-0.357542	-0.019371		
0.17197	-3.832528	-25.181803	-0.383730	
-0.022060	-0.108929	-10.958024		
0.34394	-3.832528	-25.181803	-0.383730	
-0.022060	-0.416481	-25.674980		
0.51591	-3.832528	-25.181803	-0.383730	
-0.022060	-0.975630	-54.638235		
0.68788	-3.832528	-25.181803	-0.383730	
-0.022060	-1.531331	-127.599811		
COMB DL-G2-3 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	9.072650	127.265414	1.154989	
0.017650	1.016617	244.281841		
0.17197	9.072650	127.265414	1.154989	
0.017650	0.221663	186.405035		
0.34394	9.072650	127.265414	1.154989	
0.017650	0.299786	134.425779		
0.51591	9.072650	127.265414	1.154989	
0.017650	0.711952	127.406378		
0.68788	9.072650	127.265414	1.154989	
0.017650	1.125158	143.492926		
COMB DL-G2-3 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	-4.746715	-31.770551	-0.598819	
-0.021634	-0.543979	-0.020672		
0.17197	-4.746715	-31.770551	-0.598819	
-0.021634	-0.147614	-10.314732		
0.34394	-4.746715	-31.770551	-0.598819	
-0.021634	-0.597692	-25.104563		
0.51591	-4.746715	-31.770551	-0.598819	
-0.021634	-1.394546	-63.758207		
0.68788	-4.746715	-31.770551	-0.598819	
-0.021634	-2.188134	-147.565015		
COMB DB MAX				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	10.210578	145.945361	1.196976	
0.019071	0.596092	264.149220	1.196976	
0.17197	10.210578	145.945361	1.196976	
0.019071	0.136738	208.411734		
0.34394	10.210578	145.945361	1.196976	
0.019071	0.215746	161.076069		
0.51591	10.210578	145.945361	1.196976	
0.019071	0.511002	167.791657		
0.68788	10.210578	145.945361	1.196976	
0.019071	0.806094	188.716698		
COMB DB MIN				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	-5.491452	-43.844689	-0.428503	
-0.023140	-0.374277	-8.174905		
0.17197	-5.491452	-43.844689	-0.428503	
-0.023140	-0.110703	-13.729085		
0.34394	-5.491452	-43.844689	-0.428503	
-0.023140	-0.349926	-24.969811		
0.51591	-5.491452	-43.844689	-0.428503	
-0.023140	-0.809578	-61.448001		
0.68788	-5.491452	-43.844689	-0.428503	
-0.023140	-1.289953	-150.788702		
COMB DESIGN MAX				
REL_DIST	M2	P	V2	V3
T	M2	P		
0.00000	10.210578	145.945361	1.196976	
0.019745	1.046875	264.149220	1.196976	
0.17197	10.210578	145.945361	1.196976	
0.019745	0.223789	208.411734		
0.3				

[illegible]

[illegible]

0.00000 8.707258 77.063376 0.480584										0.34395 10.413149 149.526581 0.425273										File:2교부산반항S1-S403.OUT									
0.015553 0.337856 245.438483										0.014799 0.204279 159.471005 0.425273										< MOVING Page LOAD >									
COMB DB-----MIN										COMB DB-G2-3-----MIN										COMB DL-G2-2-----MAX									
REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3									
0.31211 -13.340578 -166.583066 -0.400026										0.00000 13.073694 167.565294 0.359368										0.00000 13.073694 167.565294 0.359368									
-0.015705 -0.764223 -250.882577										0.015495 0.312010 215.407244										0.015495 0.312010 215.407244									
0.48408 -13.340578 -166.583066 -0.400026										0.17197 13.073694 167.565294										0.17197 13.073694 167.565294									
-0.015705 -0.488701 -144.165885										0.015495 0.640420 136.416648										0.015495 0.640420 136.416648									
0.85605 -13.340578 -166.583066 -0.400026										0.34395 13.073694 167.565294 0.359368										0.34395 13.073694 167.565294 0.359368									
-0.015705 -0.213019 -81.350450										0.015495 0.168366 67.277231										0.015495 0.168366 67.277231									
0.82803 -13.340578 -166.583066 -0.400026										Program SAP2000 Nonlinear Version 7.42										Program SAP2000 Nonlinear Version 7.42									
-0.015705 -0.119929 -40.893334										File:2교부산반항S1-S403.OUT										File:2교부산반항S1-S403.OUT									
1.00000 -13.340578 -166.583066 -0.400026										< MOVING Page LOAD >										< MOVING Page LOAD >									
-0.015705 -0.447596 -8.104413										632										632									
COMB DL-----MAX										COMB DL-G1-1-----MAX										COMB DL-G2-2-----MIN									
REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3									
0.31211 7.733544 78.471209 0.860703										0.51592 13.073694 167.565294 0.359368										0.51592 13.073694 167.565294 0.359368									
0.014306 0.593735 270.673657										0.015495 0.386126 52.215566										0.015495 0.386126 52.215566									
0.48408 7.733544 78.471209 0.860703										0.68789 13.073694 167.565294										0.68789 13.073694 167.565294									
0.014306 1.001431 220.096009										0.015495 0.603909 56.937960										0.015495 0.603909 56.937960									
0.65605 7.733544 78.471209 0.860703										COMB DB-G1-2-----MIN										COMB DB-G1-2-----MIN									
0.014306 0.423851 190.539456										REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3									
0.82803 7.733544 78.471209 0.860703										0.00000 -1.247043 -10.863839 -0.316153										0.00000 -1.247043 -10.863839 -0.316153									
0.014306 0.094288 213.499426										-0.013511 -0.267272 -0.003168 -0.316153										-0.013511 -0.267272 -0.003168 -0.316153									
1.00000 7.733544 78.471209 0.860703										0.17197 -1.247043 -10.863839 -0.316153										0.17197 -1.247043 -10.863839 -0.316153									
-0.015705 -0.447596 -8.104413										0.013511 -0.267272 -0.003168 -0.316153										0.013511 -0.267272 -0.003168 -0.316153									
COMB DL-----MIN										COMB DL-G1-1-----MIN										COMB DL-G2-2-----MAX									
REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3									
0.31211 -11.685674 -154.546605 -0.583543										0.51592 13.073694 167.565294 0.359368										0.51592 13.073694 167.565294 0.359368									
-0.014680 -1.113756 -247.527645										0.015495 0.386126 52.215566										0.015495 0.386126 52.215566									
0.48408 -11.685674 -154.546605 -0.583543										0.68789 13.073694 167.565294										0.68789 13.073694 167.565294									
-0.014680 -0.710740 -144.062751										0.015495 0.603909 56.937960										0.015495 0.603909 56.937960									
0.85605 -11.685674 -154.546605 -0.583543										COMB DB-G1-2-----MIN										COMB DB-G1-2-----MIN									
-0.014680 -0.309251 -81.350450										0.00000 -1.247043 -10.863839 -0.316153										0.00000 -1.247043 -10.863839 -0.316153									
0.82803 -11.685674 -154.546605 -0.583543										-0.013511 -0.267272 -0.003168 -0.316153										-0.013511 -0.267272 -0.003168 -0.316153									
-0.014680 -0.186145 -43.584064										0.17197 -1.247043 -10.863839 -0.316153										0.17197 -1.247043 -10.863839 -0.316153									
1.00000 -11.685674 -154.546605 -0.583543										0.013511 -0.267272 -0.003168 -0.316153										0.013511 -0.267272 -0.003168 -0.316153									
-0.014680 -0.777826 -9.589489										0.51592 13.073694 167.565294 0.359368										0.51592 13.073694 167.565294 0.									

0015527	1.104315	264.053535	F R A M E E L E M E N T I N T E R N A L										0.013432	0.257034	202.528272			-0.013660	-0.646602	-147.817246	
COMB	CAR	-----	MIN	REL_DIST	M2	P	M3	V2	V3			0.82802	6.224430	86.301132	0.544946	0.013660	-0.594659	-10.946591	-155.066942	-0.530328	
REL_DIST	M2	P	M3	V2	V3							0.013432	0.074309	209.085904		-0.013660	-0.282656	-82.611310			
0.00000	-8.899359	-77.676614	-0.579403	0.82802	-10.370397	-150.805841	-0.386813				0.013432	0.00000	6.924430	86.301132	0.544946	0.82802	-10.946591	-155.066942	-0.530328		
-0.15824	-0.513190	-9.556930		0.013432	-0.104837	-6.489195					0.013432	0.372591	216.120025			-0.013660	-0.548789	-37.152979			
0.17197	-8.899359	-77.676614	-0.579403	-0.014837	-0.399533	-0.004528					COMB DL-G1-2	REL_DIST	M2	P	M3	V2	V3	COMB	DB	-----	MAX
-0.15824	-0.127658	-40.170001									0.31209	-5.142861	-89.182217	-0.444623							
0.34395	-8.899359	-77.676614	-0.579403	-0.012362	-0.848628	-79.502881					-0.012362	-0.548611	-20.827441	-0.444623							
-0.15824	-0.467201	-78.463592	-0.579403	0.012362	-0.541709	-20.827441					0.65605	-5.142861	-89.182217	-0.444623							
0.15192	-8.899359	-77.676614	-0.579403	-0.012362	-0.236864	-0.625970					-0.012362	-0.236864	-0.625970	-0.444623							
-0.15824	-1.033148	-142.241230	-0.579403	0.82802	-5.142861	-89.182217					0.82802	-5.142861	-89.182217	-0.444623							
0.68789	-8.899359	-77.676614	-0.579403	-0.012362	-0.136518	-0.183098					-0.012362	-0.136518	-0.183098	-0.444623							
-0.15824	-1.601999	-250.321836		0.013432	-0.510387	-0.004486					0.013432	-0.510387	-0.004486	-0.444623							
COMB DESIGN	-----	MAX		COMB DL-G1-3	-----	MAX					COMB DL-G1-3	-----	MAX								
REL_DIST	M2	P	M3	V2	V3						REL_DIST	M2	P	M3	V2	V3	COMB	DB	-----	MIN	
0.00000	13.073694	167.565294	0.830725	0.31209	6.624832	78.619720	0.687049				0.013685	1.262309	278.097430	0.687049							
0.015527	0.698522	249.234269	0.830725	0.48407	6.624832	78.619720	0.687049				0.48407	6.624832	78.619720	0.687049							
0.17197	13.073694	167.565294	0.830725	0.013685	0.788615	227.545509	0.687049				0.013685	0.788615	227.545509	0.687049							
0.34395	13.073694	167.565294	0.830725	0.65605	6.624832	78.619720	0.687049				0.65605	6.624832	78.619720	0.687049							
0.015527	0.306132	184.858527	0.830725	0.82802	0.091960	212.726971	0.687049				0.82802	0.091960	212.726971	0.687049							
0.15192	13.073694	167.565294	0.830725	0.00000	6.624832	78.619720	0.687049				0.00000	6.624832	78.619720	0.687049							
0.015527	0.704552	214.083970	0.830725	0.013685	0.465599	250.206343	0.687049				0.013685	0.465599	250.206343	0.687049							
0.68789	13.073694	167.565294		Program	SAP2000	Nonlinear	Version 7.42				File:2교부산방항S1-S403.OUT										
0.015527	1.104315	264.053535																			
COMB DESIGN	-----	MIN		REL_DIST	M2	P	M3	V2	V3												
REL_DIST	M2	P	M3	V2	V3																
0.00000	-8.899359	-77.676614	-0.579403	0.31209	1.404892	11.294167	0.299926				0.013635	0.532179	56.330441	0.299926							
-0.15824	-0.127658	-40.170001	-0.579403	0.48407	1.404892	11.294167	0.299926				0.48407	1.404892	11.294167	0.299926							
0.17197	-8.899359	-77.676614	-0.579403	0.013635	0.325500	50.561959	0.299926				0.013635	0.325500	50.561959	0.299926							
0.34395	-8.899359	-77.676614	-0.579403	0.82802	1.404892	11.294167	0.299926				0.82802	1.404892	11.294167	0.299926							
-0.15824	-0.467201	-78.463592	-0.579403	0.013635	0.139977	65.019633	0.299926				0.013635	0.139977	65.019633	0.299926							
0.15192	-8.899359	-77.676614	-0.579403	0.82802	1.404892	11.294167	0.299926				0.82802	1.404892	11.294167	0.299926							
-0.15824	-1.033148	-142.241230	-0.579403	0.013635	0.044276	134.368277	0.299926				0.013635	0.044276	134.368277	0.299926							
0.68789	-8.899359	-77.676614	-0.579403	0.013635	1.404892	11.294167	0.299926				0.013635	1.404892	11.294167	0.299926							
-0.15824	-1.601999	-250.321836		0.013635	0.222181	209.068636					0.013635	0.222181	209.068636								
Program	SAP2000	Nonlinear	Version 7.42	COMB DB-G2-1	-----	MIN					COMB DB-G2-1	-----	MIN								
File:2교부산방항S1-S403.OUT				REL_DIST	M2	P	M3	V2	V3												
<	MOVING	Page	LOAD	>																	
		637																			
F R A M E E L E M E N T I N T E R N A L																					
ELEM	97	-----	LENGTH =																		
4.005203																					
COMB DB-G1-1	-----	MAX		REL_DIST	M2	P	M3	V2	V3												
REL_DIST	M2	P	M3	V2	V3																
0.31209	5.764250	51.884145	0.205438	0.014837	-0.502889	-264.504052	-0.263104				0.014837	-0.502889	-264.504052	-0.263104							
0.001404	0.392464	138.228265	0.205438	0.48407	-12.499983	-170.471148	-0.263104				0.48407	-12.499983	-170.471148	-0.263104							
0.001404	0.250958	102.526416	0.205438	-0.014837	-0.321450	-154.222485	-0.263104				-0.014837	-0.321450	-154.222485	-0.263104							
0.65605	5.764250	51.884145	0.205438	0.65605	-12.499983	-170.471148	-0.263104				0.65605	-12.499983	-170.471148	-0.263104							
0.001404	0.109461	66.856065	0.205438	0.014837	-0.401189	-87.625585	-0.263104				0.014837	-0.401189	-87.625585	-0.263104							
0.82802	5.764250	51.884145	0.205438	0.82802	-12.499983	-170.471148	-0.263104				0.82802	-12.499983	-170.471148	-0.263104							
0.001404	0.033569	31.231057	0.205438	-0.014837	-0.088549	-39.934395	-0.263104				-0.014837	-0.088549	-39.934395	-0.263104							
0.001404	0.182606	1.000210		0.00000	-12.499983	-170.471148	-0.263104				0.00000	-12.499983	-170.471148	-0.263104							
COMB DB-G1-1	-----	MIN		COMB DB-G2-2	-----	MAX					COMB DB-G2-2	-----	MAX								
REL_DIST	M2	P	M3	V2	V3						REL_DIST	M2	P	M3	V2	V3					
0.31209	5.764250	51.884145	0.205438	0.31209	12.499983	-170.471148	-0.263104				0.31209	12.499983	-170.471148	-0.263104							
0.001404	0.392464	138.228265	0.205438	0.48407	-12.499983	-170.471148	-0.263104				0.48407	-12.499983	-170.471148	-0.263104							
0.001404	0.250958	102.526416	0.205438	-0.014837	-0.321450	-154.222485	-0.263104				-0.014837	-0.321450	-154.222485	-0.263104							
0.65605	5.764250	51.884145	0.205438	0.65605	-12.499983	-170.471148	-0.263104				0.65605	-12.499983	-170.471148	-0.263104							
0.001404	0.109461	66.856065	0.205438	0.014837	-0.401189	-87.625585	-0.263104				0.014837	-0.401189	-87.625585	-0.263104							
0.82802	5.764250	51.884145	0.205438	0.82802	-12.499983	-170.471148	-0.263104				0.82802	-12.499983	-170.471148	-0.263104							
0.001404	0.033569	31.231057	0.205438	-0.014837	-0.088549	-39.934395	-0.263104				-0.014837	-0.088549	-39.934395	-0.263104							
0.001404	0.182606	1.000210		0.00000	-12.499983	-170.471148	-0.263104				0.00000	-12.499983	-170.471148	-0.263104							
COMB DB-G1-1	-----	MIN		COMB DB-G2-3	-----	MAX					COMB DB-G2-3	-----	MAX								
REL_DIST	M2	P	M3	V2	V3						REL_DIST	M2	P	M3	V2	V3					
0.31209	5.764250	51.884145	0.205438	0.31209	12.499983	-170.471148	-0.263104				0.31209	12.499983	-170.471148	-0.263104							
0.001404	0.392464	138.228265	0.205438	0.48407	-12.499983	-170.471148	-0.263104				0.48407	-12.499983	-170.471148	-0.263104							
0.001404	0.250958	102.526416	0.205438	-0.014837	-0.321450	-154.222485	-0.263104				-0.014837	-0.321450	-154.222485	-0.263104							
0.65605	5.764250	51.884145	0.205438	0.65605	-12.499983	-170.471148	-0.263104				0.65605	-12.499983	-170.471148	-0.263104							
0.001404	0.109461	66.856065	0.205438	0.014837	-0.401189	-87.625585	-0.263104				0.014837	-0.401189	-87.625585	-0.263104							
0.82802	5.764250	51.884145	0.205438	0.82802	-12.499983	-170.471148	-0.263104				0.82802	-12.499983	-170.471148	-0.263104							
0.001404	0.033569	31.231057	0.205438	-0.014837	-0.088549	-39.934395	-0.263104				-0.014837	-0.088549	-39.934395	-0.263104							
0.001404	0.182606	1.000210		0.00000	-12.499983	-170.471148	-0.263104				0.00000	-12.499983	-170.471148	-0.263104							
COMB DB-G1-1	-----	MIN		COMB DB-G2-4	-----	MAX					COMB DB-G2-4	-----	MAX								
REL_DIST	M2	P	M3	V2	V3						REL_DIST	M2	P	M3	V2	V3					
0.31209</																					

0.001384 0.263996 3.317359 0.205085
0.68791 5.721445 51.553334
0.001384 0.412930 4.274216
COMB DB-G1-1 MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.000425 -0.727274 -1.393194
-0.000425 -0.192802 -4.934350
0.17198 -0.727274 -1.393194
-0.000425 -0.033839 -40.378397
0.34395 -0.727274 -1.393194
-0.000425 -0.109369 -75.830478
0.51593 -0.727274 -1.393194
-0.000425 -0.250610 -111.297303
0.68791 -0.727274 -1.393194
-0.000425 -0.391866 -146.797082
COMB DB-G1-2 MAX
REL_DIST P V2 V3
0.00000 12.188591 171.027247 0.319560
0.014745 0.278267 212.581625
0.17198 12.188591 171.027247 0.319560
0.014745 0.050525 133.767977
0.34395 12.188591 171.027247 0.319560
0.014745 0.159134 64.819326
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FRAME ELEMENT INTERNAL FORCES
REL_DIST P V2 V3
0.51593 12.188591 171.027247 0.319560
0.014745 0.365061 49.899015
0.68791 12.188591 171.027247 0.319560
0.014745 0.570932 55.189525
COMB DB-G1-2 MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.013688 -0.171888 -11.036591
-0.013688 -0.082137 -36.356842
0.34395 -0.171888 -11.036591
-0.013688 -0.181371 -84.236255
0.51593 -0.171888 -11.036591
-0.013688 -0.385538 -151.431863
0.68791 -0.171888 -11.036591
-0.013688 -0.602155 -262.622361
COMB DB-G1-3 MAX
REL_DIST P V2 V3
0.00000 11.961071 165.739680 0.400001
0.015005 0.346665 241.143879
0.17198 11.961071 165.739680 0.400001
0.015005 0.037101 16.895867
0.34395 11.961071 165.739680 0.400001
0.015005 0.204280 156.869257
0.51593 11.961071 165.739680 0.400001
0.015005 0.469000 174.147086
0.68791 11.961071 165.739680 0.400001
0.015005 0.733595 212.176980
COMB DB-G1-3 MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.014683 -0.343703 0.00000
0.17198 -0.343703 -58.436227
-0.014683 -0.096327 -32.985974
0.34395 -0.343703 -58.436227
-0.014683 -0.224304 -75.435254
0.51593 -0.343703 -58.436227
-0.014683 -0.483434 -137.626119
0.68791 -0.343703 -58.436227
-0.014683 -0.755408 -244.780750
COMB DB-G2-1 MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.000493 0.146745 1.035289
0.17198 0.734598 1.473718
0.000493 0.027449 27.955667
0.34395 0.734598 1.473718
0.000493 0.099621 63.470379
0.51593 0.734598 1.473718
0.000493 0.228913 99.030336
0.68791 0.734598 1.473718
0.000493 0.358188 134.622395
COMB DB-G2-1 MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.001477 -0.588519 -8.208330
0.17198 -0.588519 -51.725933
-0.001477 -0.029493 -1.096375
0.34395 -0.588519 -51.725933
-0.001477 -0.091796 -1.377449
0.51593 -0.588519 -51.725933
-0.001477 -0.211058 -2.263374
0.68791 -0.588519 -51.725933
-0.001477 -0.330326 -3.260865
COMB DB-G2-2 MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.013531 5.822433 102.190312 0.278542
0.013531 0.243992 208.746023
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FRAME ELEMENT INTERNAL FORCES
REL_DIST P V2 V3
0.17198 5.120433 102.190312 0.278542
0.013531 0.052078 187.712599
0.34395 5.822433 102.190312 0.278542
0.013531 0.138579 166.797300
0.51593 5.822433 102.190312 0.278542
0.013531 0.318264 199.910506
0.68791 5.822433 102.190312 0.278542
0.013531 0.497914 253.105010
COMB DB-G2-2 MIN
REL_DIST P V2 V3
0.00000 M2 M3
0.000414 0.229041 1.348121
0.17198 0.599932 1.658644
0.000414 0.038536 30.181547
0.34395 0.599932 1.658644
0.000414 0.126053 68.851160

T M2 M3
0.00000 -8.075020 -80.221249 -0.260788
-0.014725 -0.239186 -0.002644
0.17198 -8.075020 -80.221249 -0.260788
-0.014725 -0.076483 0.00000
0.34395 -8.075020 -80.221249 -0.260788
-0.014725 -0.159262 -0.289588
0.51593 -8.075020 -80.221249 -0.260788
-0.014725 -0.335082 -20.030794
0.17198 -8.075020 -80.221249 -0.260788
-0.014725 -0.523455 -83.807263
COMB DB-G2-3 MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.014811 0.336311 239.662827
0.17198 0.111569 151.356481
0.014811 0.069233 192.979274
0.34395 0.111569 151.356481
0.014811 0.192226 162.204089
0.51593 0.111569 151.356481
0.014811 0.457345 188.405961
0.68791 0.111569 151.356481
0.014811 0.715410 236.411886
COMB DB-G2-3 MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.015344 -0.335777 -0.002586
0.17198 -0.741781 -72.890514
-0.015344 -0.094920 -4.574860
0.34395 -0.741781 -72.890514
-0.015344 -0.217544 -37.214492
0.51593 -0.741781 -72.890514
-0.015344 -0.468744 -89.706675
0.68791 -0.741781 -72.890514
-0.015344 -0.731518 -187.185516
COMB DL-G1-1 MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.001334 5.000570 56.480274 0.349964
0.17198 0.301997 1.311311
0.001334 0.061362 1.927777
0.34395 5.000570 56.480274 0.349964
0.001334 0.165647 2.923963
0.51593 5.000570 56.480274 0.349964
0.001334 0.378178 3.990514
0.68791 5.000570 56.480274 0.349964
0.001334 0.592456 5.081476
COMB DL-G1-1 MIN
REL_DIST P V2 V3
0.00000 M2 M3
0.000357 -0.596003 -1.600810
0.17198 -0.596003 -1.600810
-0.000357 -0.047332 -44.890631
0.34395 -0.596003 -1.600810
-0.000357 -0.181587 -83.700331
0.51593 -0.596003 -1.600810
-0.000357 -0.425040 -122.565675
0.68791 -0.596003 -1.600810
-0.000357 -0.662978 -161.449125
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page 645 LOAD >
FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-2 MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.013298 0.524739 248.460432
0.17198 8.663930 138.649299
0.013298 0.096810 208.976618
0.34395 8.663930 138.649299
0.013298 0.277756 193.191167
0.51593 8.663930 138.649299
0.013298 0.639051 222.544556
0.68791 8.663930 138.649299
0.013298 1.000681 272.832355
COMB DL-G1-2 MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.013789 -0.483958 -0.002384
0.17198 -0.483958 -0.002384
-0.013789 -0.124823 -0.029187
0.34395 -0.483958 -0.002384
-0.013789 -0.361398 -33.756066
0.51593 -0.483958 -0.002384
-0.013789 -0.782972 -87.373817
0.68791 -0.483958 -0.002384
-0.013789 -1.210901 -179.750803
COMB DB MIN
REL_DIST P V2 V3
0.00000 M2 M3
0.015005 0.346665 241.143879 0.400001
0.17198 12.188591 171.027247 0.400001
0.015005 0.071016 194.835687
0.34395 12.188591 171.027247 0.400001
0.015005 0.204280 166.797300 0.400001
0.51593 12.188591 171.027247 0.400001
0.015005 0.469000 199.910506 0.400001
0.68791 12.188591 171.027247 0.400001
0.015005 0.733595 253.105010 0.400001
COMB DB MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.015344 -0.343703 -58.436227
0.17198 -0.343703 -58.436227
-0.015344 -0.096327 -32.985974
0.34395 -0.343703 -58.436227
-0.015344 -0.224304 -75.435254
0.51593 -0.343703 -58.436227
-0.015344 -0.483434 -137.626119
0.68791 -0.343703 -58.436227
-0.015344 -0.755408 -244.780750
COMB DL-G1-3 MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.013534 0.106578 155.471424 0.653942
0.17198 0.106578 155.471424 0.653942
0.013534 0.106578 155.471424 0.653942
0.34395 0.106578 155.471424 0.653942
0.013534 0.289997 190.456445 0.653942
0.51593 0.106578 155.471424 0.653942
0.013534 0.666303 208.786338 0.653942
0.68791 0.106578 155.471424 0.653942
0.013534 1.044301 247.549466 0.653942
COMB DL-G1-3 MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.013142 -0.502655 0.00000
0.17198 -0.502655 0.00000
-0.013142 -0.128185 -33.187695
0.34395 -0.502655 0.00000
-0.013142 -0.370187 -78.653005
0.51593 -0.502655 0.00000
-0.013142 -0.809814 -144.401130
0.68791 -0.502655 0.00000
-0.013142 -1.256245 -248.402637
COMB DL-G2-1 MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.000000 0.599932 1.658644 0.279558
0.000000 0.229041 1.348121
0.17198 0.599932 1.658644
0.000000 0.038536 30.181547
0.34395 0.599932 1.658644
0.000000 0.126053 68.851160

0.51593 0.599932 1.658644 0.279558
0.000414 0.299393 107.810589 0.279558
0.68791 0.599932 1.658644
0.000414 0.459823 146.868970
COMB DL-G2-1 MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.001422 -0.204104 -10.033307
0.17198 -0.163342 -56.767889
-0.001422 -0.040432 -1.464976
0.34395 -0.163342 -56.767889
-0.001422 -0.056480 -1.978356
0.51593 -0.163342 -56.767889
-0.001422 -0.349090 -2.847920
0.68791 -0.163342 -56.767889
-0.001422 -0.541718 -3.778200
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page 646 LOAD >
FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-2 MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.012352 0.356994 211.916164 0.430841
0.17198 0.520821 89.525431 0.430841
0.012352 0.064707 204.408403 0.430841
0.34395 0.520821 89.525431 0.430841
0.012352 0.184166 197.358603 0.430841
0.51593 0.520821 89.525431 0.430841
0.012352 0.423615 232.934304 0.430841
0.68791 0.520821 89.525431 0.430841
0.012352 0.662590 288.962209 0.430841
COMB DL-G2-2 MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.013533 -0.334626 -0.002432
0.17198 -0.718150 -85.939606
-0.013533 -0.098063 0.00000
0.34395 -0.718150 -85.939606
-0.013533 -0.257859 -0.313736
0.51593 -0.718150 -85.939606
-0.013533 -0.439688 -21.003292
0.68791 -0.718150 -85.939606
-0.013533 -0.836410 -79.956040
COMB DL-G2-3 MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.013298 0.524739 248.460432 0.627652
0.17198 8.663930 138.649299 0.627652
0.013298 0.096810 208.976618 0.627652
0.34395 8.663930 138.649299 0.627652
0.013298 0.277756 193.191167 0.627652
0.51593 8.663930 138.649299 0.627652
0.013298 0.639051 222.544556 0.627652
0.68791 8.663930 138.649299 0.627652
0.013298 1.000681 272.832355 0.627652
COMB DL-G2-3 MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.013789 -0.483958 -0.002384
0.17198 -0.483958 -0.002384
-0.013789 -0.124823 -0.029187
0.34395 -0.483958 -0.002384
-0.013789 -0.361398 -33.756066
0.51593 -0.483958 -0.002384
-0.013789 -0.782972 -87.373817
0.68791 -0.483958 -0.002384
-0.013789 -1.210901 -179.750803
COMB DB MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.015005 0.346665 241.143879 0.400001
0.17198 12.188591 171.027247 0.400001
0.015005 0.071016 194.835687 0.400001
0.34395 12.188591 171.027247 0.400001
0.015005 0.204280 166.797300 0.400001
0.51593 12.188591 171.027247 0.400001
0.015005 0.469000 199.910506 0.400001
0.68791 12.188591 171.027247 0.400001
0.015005 0.733595 253.105010 0.400001
COMB DB MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.015344 -0.343703 -58.436227
0.17198 -0.343703 -58.436227
-0.015344 -0.096327 -32.985974
0.34395 -0.343703 -58.436227
-0.015344 -0.224304 -75.435254
0.51593 -0.343703 -58.436227
-0.015344 -0.483434 -137.626119
0.68791 -0.343703 -58.436227
-0.015344 -0.755408 -244.780750
COMB DL-G1-3 MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.013534 0.106578 155.471424 0.653942
0.17198 0.106578 155.471424 0.653942
0.013534 0.106578 155.471424 0.653942
0.34395 0.106578 155.471424 0.653942
0.013534 0.289997 190.456445 0.653942
0.51593 0.106578 155.471424 0.653942
0.013534 0.666303 208.786338 0.653942
0.68791 0.106578 155.471424 0.653942
0.013534 1.044301 247.549466 0.653942
COMB DL-G1-3 MIN
REL_DIST P V2 V3
0.00000 M2 M3
-0.013142 -0.502655 0.00000
0.17198 -0.502655 0.00000
-0.013142 -0.128185 -33.187695
0.34395 -0.502655 0.00000
-0.013142 -0.370187 -78.653005
0.51593 -0.502655 0.00000
-0.013142 -0.809814 -144.401130
0.68791 -0.502655 0.00000
-0.013142 -1.256245 -248.402637
COMB DL-G2-1 MAX
REL_DIST P V2 V3
0.00000 M2 M3
0.000000 0.599932 1.658644 0.279558
0.000000 0.229041 1.348121
0.17198 0.599932 1.658644
0.000000 0.038536 30.181547
0.34395 0.599932 1.658644
0.000000 0.126053 68.851160

0.34395 -0.718150 -85.939606 -0.550736
-0.013789 -0.370187 -87.496034 -0.550736
0.51593 -0.718150 -85.939606 -0.550736
-0.013789 -0.081154 -158.948524 -0.550736
0.68791 -0.718150 -85.939606 -0.550736
-0.013789 -1.256245 -268.448450 -0.550736
COMB CAR MAX
REL_DIST M2 P M3 V2 V3
0.00000 12.188591 171.027247 0.653942
0.015005 0.552161 250.225256
0.17198 12.188591 171.027247 0.653942
0.015005 0.106578 214.707036
0.34395 12.188591 171.027247 0.653942
0.015005 0.289997 197.358603
0.51593 12.188591 171.027247 0.653942
0.015005 0.666303 232.934304
0.68791 12.188591 171.027247 0.653942
0.015005 1.044301 288.962209
COMB CAR MIN
REL_DIST M2 P M3 V2 V3
0.00000 -8.075020 -85.939606 -0.550736
-0.015344 -0.502655 -10.033307
0.17198 -8.075020 -85.939606 -0.550736
-0.015344 -0.128185 -44.890631
0.34395 -8.075020 -85.939606 -0.550736
-0.015344 -0.370187 -87.496034
0.51593 -8.075020 -85.939606 -0.550736
-0.015344 -0.809814 -158.948524
0.68791 -8.075020 -85.939606 -0.550736
-0.015344 -1.256245 -268.448450
COMB DESIGN MAX
REL_DIST M2 P M3 V2 V3
0.00000 12.188591 171.027247 0.653942
0.015005 0.552161 250.225256 0.653942
0.17198 12.188591 171.027247 0.653942
0.015005 0.106578 214.707036 0.653942
0.34395 12.188591 171.027247 0.653942
0.015005 0.289997 197.358603 0.653942
0.51593 12.188591 171.027247 0.653942
0.015005 0.666303 232.934304 0.653942
0.68791 12.188591 171.027247 0.653942
0.015005 1.044301 288.962209 0.653942
COMB DESIGN MIN
REL_DIST M2 P M3 V2 V3
0.00000 -8.075020 -85.939606 -0.550736
-0.015344 -0.502655 -10.033307
0.17198 -8.075020 -85.939606 -0.550736
-0.015344 -0.128185 -44.890631
0.34395 -8.075020 -85.939606 -0.550736
-0.015344 -0.370187 -87.496034
0.51593 -8.075020 -85.939606 -0.550736
-0.015344 -0.809814 -158.948524
0.68791 -8.075020 -85.939606 -0.550736
-0.015344 -1.256245 -268.448450
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page 648 LOAD >
FRAME ELEMENT INTERNAL FORCES
ELEM 99 LENGTH = 4.004445
COMB DB-G1-1 MAX
REL_DIST M2 P M3 V2 V3
0.31215 5.609113 51.132909 0.202346
0.000985 0.386387 136.161680
0.48411 5.609113 51.132909 0.202346
0.000985 0.027449 100.981577
0.65608 5.609113 51.132909 0.202346
0.000985 0.107720 65.816332
0.82804 5.609113 51.132909 0.202346
0.000985 0.032254 30.716433
1.00000 5.609113 51.132909 0.202346
0.000985 0.174923 0.986122
COMB DB-G1-1 MIN
REL_DIST M2 P M3 V2 V3
0.31215 5.609113 51.132909 0.202346
0.000985 0.386387 136.161680
0.48411 5.609113 51

0.001001	7.384269	73.122090	0.385106	0.31215	-0.667934	-2.920175	-0.311471	0.013008	0.088538	218.998487		-0.015077	-0.298664	-92.436917		
0.015101	0.313456	239.820475		0.000882	-0.595383	-7.620411		1.00000	5.148158	63.314064	0.510339	0.82804	-12.220700	-169.572055	-0.540567	
COMB DB-G1-3-----MIN																
REL_DIST	M2	P	V2	V3				0.013308	0.436972	249.835833		-0.015077	-0.135851	-49.008333		
T								Program	SAP2000	Nonlinear	Version 7.42	1.00000	-12.220700	-169.572055	-0.540567	
0.31215	-10.121365	-151.384161	-0.371676	0.000882	-0.667934	-2.920175	-0.311471	File:2교부산방향S1-S403.OUT				-0.015077	-0.499653	-10.055812		
-0.015077	-0.710288	-190.145490		0.000882	-0.667934	-2.920175	-0.311471	<	MOVING	Page	LOAD	>	4.005385			
0.48411	-10.121365	-151.384161	-0.371676	0.000882	-0.667934	-2.920175	-0.311471	FRAME ELEMENT INTERNAL								COMB DB-G1-1-----MAX
-0.015077	-0.454349	-92.781788		0.000882	-0.667934	-2.920175	-0.311471	FORCES				REL_DIST	M2	P	V2	V3
0.65608	-10.121365	-151.384161	-0.371676	0.000882	-0.667934	-2.920175	-0.311471	COMB DL-G2-3-----MIN				T				
-0.015077	-0.18525	-40.063268		0.000882	-0.667934	-2.920175	-0.311471	REL_DIST	M2	P	V2	V3	0.00000	5.566198	50.822397	0.201616
Program	SAP2000	Nonlinear	Version 7.42	0.00000	5.566198	50.822397	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
File:2교부산방향S1-S403.OUT				0.000942	0.170409	0.985208	0.201616	0.17198	5.566198	50.822397	0.201616	0.000942	0.031396	2.053723		
COMB DB-G1-2-----MIN																
REL_DIST	M2	P	V2	V3				0.31215	-10.121365	-151.384161	-0.371676	0.000942	0.170409	0.985208		
T								0.48411	-10.121365	-151.384161	-0.371676	0.000942	0.031396	2.053723		
0.82804	-10.121365	-151.384161	-0.371676	0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
-0.015077	-0.102900	-7.135045		0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
1.00000	-10.121365	-151.384161	-0.371676	0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
-0.015077	-0.368111	-0.002496		0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
COMB DB-G2-1-----MAX																
REL_DIST	M2	P	V2	V3				0.31215	-10.121365	-151.384161	-0.371676	0.000942	0.031396	2.053723		
T								0.48411	-10.121365	-151.384161	-0.371676	0.000942	0.031396	2.053723		
0.31215	0.709068	2.411787	0.179395	0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
0.48411	0.709068	2.411787	0.179395	0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
0.000932	0.219131	5.669937	0.179395	0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
0.65608	0.709068	2.411787	0.179395	0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
0.000932	0.095601	4.038039	0.179395	0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
0.82804	0.709068	2.411787	0.179395	0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
0.000932	0.029787	2.411787	0.179395	0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
0.000932	0.162254	1.035885		0.000942	0.031396	2.053723	0.201616	0.000942	0.170409	0.985208	0.201616	0.000942	0.031396	2.053723		
COMB DB-G2-1-----MIN																
REL_DIST	M2	P	V2	V3				0.31215	-10.121365	-151.384161	-0.371676	0.000942	0.031396	2.053723		
T								0.48411	-10.121365	-151.384161	-0.371676	0.000942	0.031396	2.053723		
0.31215	-5.698460	-50.646413	-0.192164	0.000961	-0.367052	-147.291927	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.234725	-112.431035		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.234725	-112.431035	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568		
0.82804	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
COMB DB-G2-2-----MAX																
REL_DIST	M2	P	V2	V3				0.31215	-10.121365	-151.384161	-0.371676	0.000961	-0.367052	-147.291927		
T								0.48411	-10.121365	-151.384161	-0.371676	0.000961	-0.234725	-112.431035		
0.31215	-5.698460	-50.646413	-0.192164	0.000961	-0.367052	-147.291927	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568		
0.82804	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
COMB DB-G2-2-----MIN																
REL_DIST	M2	P	V2	V3				0.31215	-10.121365	-151.384161	-0.371676	0.000961	-0.367052	-147.291927		
T								0.48411	-10.121365	-151.384161	-0.371676	0.000961	-0.234725	-112.431035		
0.31215	-5.698460	-50.646413	-0.192164	0.000961	-0.367052	-147.291927	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568		
0.82804	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
COMB DB-G2-2-----MAX																
REL_DIST	M2	P	V2	V3				0.31215	-10.121365	-151.384161	-0.371676	0.000961	-0.367052	-147.291927		
T								0.48411	-10.121365	-151.384161	-0.371676	0.000961	-0.234725	-112.431035		
0.31215	-5.698460	-50.646413	-0.192164	0.000961	-0.367052	-147.291927	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568		
0.82804	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
COMB DB-G2-2-----MIN																
REL_DIST	M2	P	V2	V3				0.31215	-10.121365	-151.384161	-0.371676	0.000961	-0.367052	-147.291927		
T								0.48411	-10.121365	-151.384161	-0.371676	0.000961	-0.234725	-112.431035		
0.31215	-5.698460	-50.646413	-0.192164	0.000961	-0.367052	-147.291927	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568		
0.82804	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
COMB DB-G2-2-----MAX																
REL_DIST	M2	P	V2	V3				0.31215	-10.121365	-151.384161	-0.371676	0.000961	-0.367052	-147.291927		
T								0.48411	-10.121365	-151.384161	-0.371676	0.000961	-0.234725	-112.431035		
0.31215	-5.698460	-50.646413	-0.192164	0.000961	-0.367052	-147.291927	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.102376	-77.602849	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568		
0.82804	-5.698460	-50.646413	-0.192164	0.000961	-0.027987	-42.795568	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
-0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119	-0.192164	0.000961	-5.698460	-50.646413	-0.192164	0.000961	-0.151469	-8.059119		
COMB DB-G2-2-----MIN																
REL_DIST	M2	P	V2	V3				0.31215	-10.121365	-151.384161	-0.371676	0.000961	-0.367052	-147.291927		
T																

[illegible]

COMB DL-G1-1 ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.31214	5.473119	53.040658		0.265133
0.000500	0.504354	140.580939		
0.48410	5.473119	53.040658		0.265133
0.000500	0.321823	104.102897		
0.65607	5.473119	53.040658		0.265133
0.000500	0.139474	67.687039		
0.82803	5.473119	53.040658		0.265133
0.000500	0.048254	31.577780		
1.00000	5.473119	53.040658		0.265133
0.000500	0.268032	1.353921		

COMB DL-G1-1 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	0.616357	-5.454497		-0.321087
-0.001324	-0.161357	-15.046579		
0.48410	-0.597518	-5.454497		-0.321087
-0.001324	-0.394534	-11.331478		
0.65607	-0.597518	-5.454497		-0.321087
-0.001324	-0.174431	-7.680047		
0.82803	-0.597518	-5.454497		-0.321087
-0.001324	-0.044575	-4.347472		
1.00000	-0.597518	-5.454497		-0.321087
-0.001324	-0.226359	-6.654267		

COMB DL-G1-2 ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.31214	7.452230	81.820097		0.344165
0.012510	0.623983	283.757972		
0.48410	7.452230	81.820097		0.344165
0.012510	0.395353	230.397144		
0.65607	7.452230	81.820097		0.344165
0.012510	0.170553	197.937188		
0.82803	7.452230	81.820097		0.344165
0.012510	0.074924	207.667338		
1.00000	7.452230	81.820097		0.344165
0.012510	0.385476	217.914017		

COMB DL-G1-2 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	-5.167043	-93.782754		-0.456272
-0.013381	-0.875032	-92.590355		
0.48410	-5.167043	-93.782754		-0.456272
-0.013381	-0.564754	-30.641215		
0.65607	-5.167043	-93.782754		-0.456272
-0.013381	-0.264915	-6.659805		
0.82803	-5.167043	-93.782754		-0.456272
-0.013381	-0.100597	-3.040487		
1.00000	-5.167043	-93.782754		-0.456272
-0.013381	-0.334548	-0.017711		

COMB DL-G1-3 ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.31214	7.105435	76.949926		0.449694
0.013475	0.824687	273.153549		
0.48410	7.105435	76.949926		0.449694
0.013475	0.529735	223.629926		
0.65607	7.105435	76.949926		0.449694
0.013475	0.226364	195.617466		
0.82803	7.105435	76.949926		0.449694
0.013475	0.096520	212.541838		
1.00000	7.105435	76.949926		0.449694
0.013475	0.504354	253.090627		
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방향S1-S403.OUT				

COMB DL-G1-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	-12.671324	-166.304051		-0.379537
-0.013381	-0.716294	-25.613715		
0.48410	-12.671324	-166.304051		-0.379537
-0.013381	-0.459737	-145.582067		
0.65607	-12.671324	-166.304051		-0.379537
-0.013381	-0.213702	-81.389839		
0.82803	-12.671324	-166.304051		-0.379537
-0.013381	-0.097219	-40.339677		
1.00000	-12.671324	-166.304051		-0.379537
-0.013381	-0.339268	-7.646914		

COMB DL-G1-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	-12.671324	-166.304051		-0.379537
-0.013381	-0.716294	-25.613715		
0.48410	-12.671324	-166.304051		-0.379537
-0.013381	-0.459737	-145.582067		
0.65607	-12.671324	-166.304051		-0.379537
-0.013381	-0.213702	-81.389839		
0.82803	-12.671324	-166.304051		-0.379537
-0.013381	-0.097219	-40.339677		
1.00000	-12.671324	-166.304051		-0.379537
-0.013381	-0.339268	-7.646914		

COMB DL-G1-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	7.452230	81.820097		0.449694
0.013708	0.824687	283.757972		
0.48410	7.452230	81.820097		0.449694
0.013708	0.529735	230.397144		
0.65607	7.452230	81.820097		0.449694
0.013708	0.226364	197.937188		
0.82803	7.452230	81.820097		0.449694
0.013708	0.098982	219.629896		
1.00000	7.452230	81.820097		0.449694
0.013708	0.504354	253.090627		

COMB DL-G1-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	-9.198902	-140.360594		-0.597944
-0.013701	-1.146523	-187.550592		
0.48410	-9.198902	-140.360594		-0.597944
-0.013701	-0.937862	-93.782754		
0.65607	-9.198902	-140.360594		-0.597944
-0.013701	-0.341137	-38.824728		
0.82803	-9.198902	-140.360594		-0.597944
-0.013701	-0.116837	-6.278672		
1.00000	-9.198902	-140.360594		-0.597944
-0.013701	-0.423356	-0.029444		

COMB DL-G1-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	0.612685	5.590596		0.238804
0.001425	0.456727	16.184779		
0.48410	0.612685	5.590596		0.238804
0.001425	0.291768	12.348007		
0.65607	0.612685	5.590596		0.238804
0.001425	0.126685	8.529934		
0.82803	0.612685	5.590596		0.238804
0.001425	0.050588	4.754387		
1.00000	0.612685	5.590596		0.238804
0.001425	0.251528	1.360983		

COMB DL-G1-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	-5.586496	-52.969657		-0.292873
-0.000437	-0.562678	-155.070633		
0.48410	-5.586496	-52.969657		-0.292873
-0.000437	-0.354798	-118.607538		
0.65607	-5.586496	-52.969657		-0.292873
-0.000437	-0.153599	-82.173655		
0.82803	-5.586496	-52.969657		-0.292873
-0.000437	-0.037401	-45.767296		
1.00000	-5.586496	-52.969657		-0.292873
-0.000437	-0.200938	-9.650675		

COMB DL-G1-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	1.319724	16.737929		0.309996
0.013691	0.560501	91.042543		
0.48410	1.319724	16.737929		0.309996
0.013691	0.355987	82.527161		
0.65607	1.319724	16.737929		0.309996
0.013691	0.155210	94.930778		
0.82803	1.319724	16.737929		0.309996
0.013691	0.076104	149.596275		
1.00000	1.319724	16.737929		0.309996
0.013691	0.361447	214.520034		

COMB DL-G1-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	-11.440531	-158.704142		-0.416781
-0.012525	-0.791583	-261.169863		

COMB DL-G2-3 ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.31214	-11.440531	-158.704142		-0.416781
0.012525	-0.508159	-154.524176		
0.48410	-11.440531	-158.704142		-0.416781
0.012525	-0.235677	-85.867154		
0.82803	-11.440531	-158.704142		-0.416781
-0.012525	-0.089946	-37.622819		
1.00000	-11.440531	-158.704142		-0.416781
-0.012525	-0.301612	-0.008528		

COMB DL-G2-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	5.269530	63.755828		0.439974
0.013708	0.806372	257.428465		
0.48410	5.269530	63.755828		0.439974
0.013708	0.512508	216.641306		
0.65607	5.269530	63.755828		0.439974
0.013708	0.227272	196.864820		
0.82803	5.269530	63.755828		0.439974
0.013708	0.098982	219.629896		
1.00000	5.269530	63.755828		0.439974
0.013708	0.500972	251.587264		
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방향S1-S403.OUT				

COMB DL-G2-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	-11.102604	-153.817115		-0.590105
-0.013126	-1.129687	-246.809957		
0.48410	-11.102604	-153.817115		-0.590105
-0.013126	-0.727288	-143.672982		
0.65607	-11.102604	-153.817115		-0.590105
-0.013126	-0.336020	-78.657485		
0.82803	-11.102604	-153.817115		-0.590105
-0.013126	-0.116929	-34.419742		
1.00000	-11.102604	-153.817115		-0.590105
-0.013126	-0.415122	-0.009783		

COMB DL-G2-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.31214	-11.102604	-153.817115		-0.590105
-0.013126	-1.129687	-246.809957		
0.48410	-11.102604	-153.817115		-0.590105
-0.013126	-0.727288	-143.672982		
0.65607	-11.102604	-153.817115		-0.590105
-0.013126	-0.336020	-78.657485		
0.82803	-11.102604	-153.817115		-0.590105
-0.013126	-0.116929	-34.419742		
1.00000	-11.102604	-153.817115		-0.590105
-0.013126	-0.415122	-0.009783		

COMB	DB ----- MAX			
REL_DIST	P	V2	V3	
T	M2	M3		
0.31214	8.002251	76.180359		0.354933
0.015227	0.660847	243.372462		
0.48410	8.002251	76.180359		0.354933
0.015227	0.421913	192.896658		
0.65607	8.002251	76.180359		0.354933
0.015227	0.182798	163.864008		
0.82803	8.002251	76.180359		0.354933
0.015227	0.067233	195.996189		
1.00000	8.002251	76.180359		0.354933
0.015227	0.328667	239.595771		

COMB DL-G1-3 ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	10.814344	154.263188		0.432333
0.013217	0.365938	253.066159		
0.17197	0.814344	154.263188		0.432333
0.013217	0.077667	216.971914		
0.34393	10.814344	154.263188		0.432333
0.013217	0.304131	193.647882		
0.51590	10.814344	154.263188		0.432333
0.013217	0.712529	213.209361		
0.68786	10.814344	154.263188		0.432333
0.013217	1.139547	253.808105		

COMB DL-G1-3 ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-5.457012	-63.385050		-0.621829
-0.013614	-0.575369	-0.042898		
-0.17197	-5.457012	-63.385050		-0.621829
-0.013614	-0.149671	-30.864957		
-0.34393	-5.457012	-63.385050		-0.621829
-0.013614	-0.236590	-74.952716		
-0.51590	-5.457012	-63.385050		-0.621829
-0.013614	-0.530935	-140.517193		
-0.68786	-5.457012	-63.385050		-0.621829
-0.013614	-0.827553	-243.965261		

COMB DL-G2-1 ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	0.608556	5.448486		0.243504
0.001461	0.205799	1.357035		
0.17197	0.608556	5.448486		0.243504
0.001461	0.038615	28.127564		
0.34393	0.608556	5.448486		0.243504
0.001461	0.155163	64.075038		
0.51590	0.608556	5.448486		0.243504
0.001461	0.362712	100.317540		
0.68786	0.608556	5.448486		0.243504
0.001461	0.570215	136.686232		

COMB DL-G2-1 ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-5.610925	-52.888049		-0.301458
-0.000499	-0.200470	-9.526194		
-0.17197	-5.610925	-52.888049		-0.301458
-0.000499	-0.053739	-3.724341		
-0.34393	-5.610925	-52.888049		-0.301458
-0.000499	-0.129147	-7.004192		
-0.51590	-5.610925	-52.888049		-0.301458
-0.000499	-0.235912	-10.641291		
-0.68786	-5.610925	-52.888049		-0.301458
-0.000499	-0.464173	-14.349883		
Program SAP2000 Nonlinear Version 7.42				
File:2교부산방항S1-S403.OUT				

COMB DL-G2-2 ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	5.062020	94.034695		0.301348
0.013566	0.052018	214.501918		
0.17197	5.062020	94.034695		0.301348
0.013566	0.057715	203.302400		
0.34393	5.062020	94.034695		0.301348
0.013566	0.206762	193.188886		
0.51590	5.062020	94.034695		0.301348
0.013566	0.495139	225.425082		
0.68786	5.062020	94.034695		0.301348
0.013566	0.802249	278.571985		

COMB DL-G2-2 ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-7.700563	-81.386998		-0.447055
-0.012471	-0.431568	-0.008750		
-0.17197	-7.700563	-81.386998		-0.447055
-0.012471	-0.125747	-2.233152		
-0.34393	-7.700563	-81.386998		-0.447055
-0.012471	-0.164784	-5.828639		
-0.51590	-7.700563	-81.386998		-0.447055
-0.012471	-0.369031	-30.260597		
-0.68786	-7.700563	-81.386998		-0.447055
-0.012471	-0.575249	-92.411791		

COMB DL-G2-3 ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	8.977798	140.816741		0.427705
0.013879	0.361917	251.893788		
0.17197	8.977798	140.816741		0.427705
0.013879	0.077493	209.218259		
0.34393	8.977798	140.816741		0.427705
0.013879	0.298633	191.246471		
0.51590	8.977798	140.816741		0.427705
0.013879	0.704928	218.937688		
0.68786	8.977798	140.816741		0.427705
0.013879	1.129997	268.251677		

COMB DL-G2-3 ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-7.360322	-76.591589		-0.618636
-0.013401	-0.575755	-0.011325		
-0.17197	-7.360322	-76.591589		-0.618636
-0.013401	-0.152053	-4.528880		
-0.34393	-7.360322	-76.591589		-0.618636
-0.013401	-0.232888	-36.667411		
-0.51590	-7.360322	-76.591589		-0.618636
-0.013401	-0.524166	-92.299672		
-0.68786	-7.360322	-76.591589		-0.618636
-0.013401	-0.817390	-186.195421		

COMB DB ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	12.394766	166.930633		0.349574
0.015453	0.293837	239.271044		
0.17197	12.394766	166.930633		0.349574
0.015453	0.063357	193.227325		
0.34393	12.394766	166.930633		0.349574
0.015453	0.193157	159.499760		
0.51590	12.394766	166.930633		0.349574
0.015453	0.449009	188.500740		
0.68786	12.394766	166.930633		0.349574
0.015453	0.726166	238.521860		

COMB DB ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-8.222001	-75.577251		-0.402424
-0.015133	-0.383480	-7.627289		
-0.17197	-8.222001	-75.577251		-0.402424

-0.015133	-0.106383	-37.826373		-0.402424
-0.34393	-8.222001	-75.577251		-0.402424
-0.015133	-0.187542	-78.772587		
-0.51590	-8.222001	-75.577251		-0.402424
-0.015133	-0.428363	-143.611034		
-0.68786	-8.222001	-75.577251		-0.402424
-0.015133	-0.669099	-252.571186		
Program SAP2000 Nonlinear Version 7.42				
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COMB DL ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	11.159545	159.226503		0.432333
0.013879	0.365938	253.066159		
0.17197	11.159545	159.226503		0.432333
0.013879	0.077667	216.971914		
0.34393	11.159545	159.226503		0.432333
0.013879	0.304131	193.647882		
0.51590	11.159545	159.226503		0.432333
0.013879	0.712529	225.425082		
0.68786	11.159545	159.226503		0.432333
0.013879	1.139547	278.571985		

COMB DL ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-7.700563	-81.386998		-0.621829
-0.013614	-0.575755	-9.629884		
-0.17197	-7.700563	-81.386998		-0.621829
-0.013614	-0.152053	-42.349299		
-0.34393	-7.700563	-81.386998		-0.621829
-0.013614	-0.236590	-82.198020		
-0.51590	-7.700563	-81.386998		-0.621829
-0.013614	-0.530935	-151.480874		
-0.68786	-7.700563	-81.386998		-0.621829
-0.013614	-0.827553	-258.513841		

COMB CAR ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	12.394766	166.930633		0.432333
0.015453	0.365938	253.066159		
0.17197	12.394766	166.930633		0.432333
0.015453	0.077667	216.971914		
0.34393	12.394766	166.930633		0.432333
0.015453	0.304131	193.647882		
0.51590	12.394766	166.930633		0.432333
0.015453	0.712529	225.425082		
0.68786	12.394766	166.930633		0.432333
0.015453	1.139547	278.571985		

COMB CAR ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-8.222001	-81.386998		-0.621829
-0.015133	-0.575755	-9.629884		
-0.17197	-8.222001	-81.386998		-0.621829
-0.015133	-0.152053	-42.349299		
-0.34393	-8.222001	-81.386998		-0.621829
-0.015133	-0.236590	-82.198020		
-0.51590	-8.222001	-81.386998		-0.621829
-0.015133	-0.530935	-151.480874		
-0.68786	-8.222001	-81.386998		-0.621829
-0.015133	-0.827553	-258.513841		

COMB DESIGN ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	12.394766	166.930633		0.432333
0.015453	0.365938	253.066159		
0.17197	12.394766	166.930633		0.432333
0.015453	0.077667	216.971914		
0.34393	12.394766	166.930633		0.432333
0.015453	0.304131	193.647882		
0.51590	12.394766	166.930633		0.432333
0.015453	0.712529	225.425082		
0.68786	12.394766	166.930633		0.432333
0.015453	1.139547	278.571985		

COMB DESIGN ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-8.222001	-81.386998		-0.621829
-0.015133	-0.575755	-9.629884		
-0.17197	-8.222001	-81.386998		-0.621829
-0.015133	-0.152053	-42.349299		
-0.34393	-8.222001	-81.386998		-0.621829
-0.015133	-0.236590	-82.198020		
-0.51590	-8.222001	-81.386998		-0.621829
-0.015133	-0.530935	-151.480874		
-0.68786	-8.222001	-81.386998		-0.621829
-0.015133	-0.827553	-258.513841		

COMB SAP2000 Nonlinear Version 7.42				
REL_DIST	M2	P	M3	V2
0.00000	12.394766	166.930633		0.432333
0.015453	0.365938	253.066159		
0.17197	12.394766	166.930633		0.432333
0.015453	0.077667	216.971914		
0.34393	12.394766	166.930633		0.432333
0.015453	0.304131	193.647882		
0.51590	12.394766	166.930633		0.432333
0.015453	0.712529	225.425082		
0.68786	12.394766	166.930633		0.432333
0.015453	1.139547	278.571985		

FRAME ELEMENT INTERNAL FORCES	
ELEM	103 ===== LENGTH =
4.005000	

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	1.163515	22.174072	0.338842
0.014510	0.635744	107.205210	
0.48408	1.163515	22.174072	0.338842
0.014510	0.404852	94.807257	
0.65605	1.163515	22.174072	0.338842
0.014510	0.175050	103.831145	
0.82803	1.163515	22.174072	0.338842
0.014510	0.094319	154.691279	
1.00000	1.163515	22.174072	0.338842
0.014510	0.472137	214.259456	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.298686	-150.330496	-0.550686
-0.012147	-1.052668	-239.477482	
0.48408	-12.298686	-150.330496	-0.550686
-0.012147	-0.617050	-138.573657	
0.65605	-12.298686	-150.330496	-0.550686
-0.012147	-0.306719	-75.688030	
0.82803	-12.298686	-150.330496	-0.550686
-0.012147	-0.094373	-33.126735	
1.00000	-12.298686	-150.330496	-0.550686
-0.012147	-0.325460	-0.050686	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	5.646145	65.296351	0.451646
0.014246	0.851524	261.032257	
0.48408	5.646145	65.296351	0.451646
0.014246	0.543007	219.050070	
0.65605	5.646145	65.296351	0.451646
0.014246	0.235533	198.627727	
0.82803	5.646145	65.296351	0.451646
0.014246	0.116104	220.348827	
1.00000	5.646145	65.296351	0.451646
0.014246	0.615953	250.813990	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산반행S1-S403.OUT			

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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-11.756310	-149.316059	-0.731480
-0.013092	-1.407970	-234.145188	
0.48408	-11.756310	-149.316059	-0.731480
-0.013092	-0.907607	-134.125110	
0.65605	-11.756310	-149.316059	-0.731480
-0.013092	-0.412147	-72.247070	
0.82803	-11.756310	-149.316059	-0.731480
-0.013092	-0.115064	-31.116821	
1.00000	-11.756310	-149.316059	-0.731480
-0.013092	-0.420939	-0.050405	

COMB DB ----- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.956403	72.599583	0.345683
0.015529	0.658600	231.467188	
0.48408	8.956403	72.599583	0.345683
0.015529	0.420508	183.405897	
0.65605	8.956403	72.599583	0.345683
0.015529	0.182328	161.437141	
0.82803	8.956403	72.599583	0.345683
0.015529	0.073073	196.601833	
1.00000	8.956403	72.599583	0.345683
0.015529	0.359564	237.580554	

COMB DB ----- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.522858	-161.643681	-0.415818
-0.015496	-0.787781	-241.772921	
0.48408	-13.522858	-161.643681	-0.415818
-0.015496	-0.505842	-136.674466	
0.65605	-13.522858	-161.643681	-0.415818
-0.015496	-0.233344	-75.680981	
0.82803	-13.522858	-161.643681	-0.415818
-0.015496	-0.093657	-37.793805	
1.00000	-13.522858	-161.643681	-0.415818
-0.015496	-0.330571	-7.807750	

COMB DL ----- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.442297	74.784296	0.451646
0.014510	0.851524	264.544284	
0.48408	8.442297	74.784296	0.451646
0.014510	0.543007	219.050070	
0.65605	8.442297	74.784296	0.451646
0.014510	0.235533	198.627727	
0.82803	8.442297	74.784296	0.451646
0.014510	0.116104	220.348827	
1.00000	8.442297	74.784296	0.451646
0.014510	0.615953	251.886899	

COMB DL ----- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.298686	-150.330496	-0.731480
-0.014059	-1.407970	-239.477482	
0.48408	-12.298686	-150.330496	-0.731480
-0.014059	-0.907607	-138.573657	
0.65605	-12.298686	-150.330496	-0.731480
-0.014059	-0.412147	-75.688030	
0.82803	-12.298686	-150.330496	-0.731480
-0.014059	-0.115064	-40.910734	
1.00000	-12.298686	-150.330496	-0.731480
-0.014059	-0.420939	-9.793129	

COMB CAR ----- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.956403	74.784296	0.451646
0.015529	0.851524	264.544284	
0.48408	8.956403	74.784296	0.451646
0.015529	0.543007	219.050070	
0.65605	8.956403	74.784296	0.451646
0.015529	0.235533	198.627727	
0.82803	8.956403	74.784296	0.451646
0.015529	0.116104	220.348827	
1.00000	8.956403	74.784296	0.451646
0.015529	0.615953	251.886899	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산반행S1-S403.OUT			

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FRAME ELEMENT INTERNAL FORCES

COMB	CAR				MIN
REL_DIST	P	V2	V3		
T	M2	M3			
0.31211	-13.522858	-161.643681		-0.731480	
-0.015496	-1.407970	-241.772921			
0.48408	-13.522858	-161.643681		-0.731480	
-0.015496	-0.907607	-138.573657			
0.65605	-13.522858	-161.643681		-0.731480	
-0.015496	-0.412743	-75.688030			
0.82803	-13.522858	-161.643681		-0.731480	
-0.015496	-0.115064	-40.910734			
1.00000	-13.522858	-161.643681		-0.731480	
-0.015496	-0.420939	-9.793129			

COMB DESIGN ----- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	8.956403	74.784296	0.451646
0.015529	0.851524	264.544284	
0.48408	8.956403	74.784296	0.451646
0.015529	0.543007	219.050070	
0.65605	8.956403	74.784296	0.451646
0.015529	0.235533	198.627727	
0.82803	8.956403	74.784296	0.451646
0.015529	0.116104	220.348827	
1.00000	8.956403	74.784296	0.451646
0.015529	0.615953	251.886899	

COMB DESIGN ----- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.522858	-161.643681	-0.731480
-0.015496	-1.407970	-241.772921	
0.48408	-13.522858	-161.643681	-0.731480
-0.015496	-0.907607	-138.573657	
0.65605	-13.522858	-161.643681	-0.731480
-0.015496	-0.412743	-75.688030	
0.82803	-13.522858	-161.643681	-0.731480
-0.015496	-0.115064	-40.910734	
1.00000	-13.522858	-161.643681	-0.731480
-0.015496	-0.420939	-9.793129	

ELEM 104 ----- LENGTH = 4.005000

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.522858	-161.643681	-0.731480
-0.015496	-1.407970	-241.772921	
0.48408	-13.522858	-161.643681	-0.731480
-0.015496	-0.907607	-138.573657	
0.65605	-13.522858	-161.643681	-0.731480
-0.015496	-0.412743	-75.688030	
0.82803	-13.522858	-161.643681	-0.731480
-0.015496	-0.115064	-40.910734	
1.00000	-13.522858	-161.643681	-0.731480
-0.015496	-0.420939	-9.793129	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-13.522858	-161.643681	-0.731480
-0.015496	-1.407970	-241.772921	
0.48408	-13.522858	-161.643681	-0.731480
-0.015496	-0.907607	-138.573657	
0.65605	-13.522858	-161.643681	-0.731480
-0.015496	-0.412743	-75.688030	
0.82803	-13.522858	-161.643681	-0.731480
-0.015496	-0.115064	-40.910734	
1.00000	-13.522858	-161.643681	-0.731480
-0.015496	-0.420939	-9.793129	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	13.30668	162.208389	0.245342
0.013352	0.206010	209.378715	
0.48408	13.30668	162.208389	0.245342
0.013352	0.045459	136.881459	
0.65605	13.30668	162.208389	0.245342
0.013352	0.149917	73.808765	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산반행S1-S403.OUT			

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	13.30668	162.208389	0.245342
0.013352	0.350722	63.154075	
0.48408	13.30668	162.208389	0.245342
0.013352	0.571280	74.193175	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-12.298686	-150.330496	-0.731480
-0.014059	-1.407970	-239.477482	
0.48408	-12.298686	-150.330496	-0.731480
-0.014059	-0.907607	-138.573657	
0.65605	-12.298686	-150.330496	-0.731480
-0.014059	-0.412147	-75.688030	
0.82803	-12.298686	-150.330496	-0.731480
-0.014059	-0.115064	-40.910734	
1.00000	-12.298686	-150.330496	-0.731480
-0.014059	-0.420939	-9.793129	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	12.859171	161.885844	0.344920
0.014693	0.290677	237.273069	
0.48408	12.859171	161.885844	0.344920
0.014693	0.061696	193.978571	
0.65605	12.859171	161.885844	0.344920
0.014693	0.205858	158.619762	
0.82803	12.859171	161.885844	0.344920
0.014693	0.479644	176.835961	
1.00000	12.859171	161.885844	0.344920
0.014693	0.773610	217.221710	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-6.171588	-61.592795	-0.426991
-0.015387	-0.402750	-0.018606	
0.48408	-6.171588	-61.592795	-0.426991
-0.015387	-0.114740	-29.357523	
0.65605	-6.171588	-61.592795	-0.426991
-0.015387	-0.184323	-69.050623	
0.82803	-6.171588	-61.592795	-0.426991
-0.015387	-0.421982	-129.175128	
1.00000	-6.171588	-61.592795	-0.426991
-0.015387	-0.659549	-234.650102	

COMB DB-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	5.717993	8.071932	0.200527
0.002064	0.170457	1.119002	
0.17197	5.717993	8.071932	0.200527
0.002064	0.032309	23.394884	
0.34395	5.717993	8.071932	0.200527
0.002064	0.108917	53.917100	
0.51592	5.717993	8.071932	0.200527
0.002064	0.250504	84.552141	
0.68789	5.717993	8.071932	0.200527
0.002064	0.392098	115.232922	

REL_DIST	P	V2	V3
0.00000	M2	M3	
0.015751	0.230857	237.273069	0.348082
0.17197	13.30668	162.208389	0.348082
0.015751	0.062689	193.978571	0.348082
0.34395	13.30668	162.208389	0.348082
0.015751	0.211553	158.619762	
0.51592	13.30668	162.208389	0.348082
0.015751	0.492836	179.744133	
0.68789	13.30668	162.208389	0.348082
0.015751	0.794328	227.383805	
COMB DB ----- MIN			
REL_DIST	P	V2	V3
0.00000	M2	M3	
-0.015387	-9.160677	-72.041940	-0.437924
-0.17197	-0.411268	-7.789989	
0.17197	-0.160677	-72.041940	-0.437924
-0.015387	-0.114740	-35.828786	
0.34395	-9.160677	-72.041940	-0.437924
-0.015387	-0.185554	-73.659276	
0.51592	-9.160677	-72.041940	-0.437924
-0.015387	-0.425377	-135.264394	
0.68789	-9.160677	-72.041940	-0.437924
-0.015387	-0.655135	-41.181009	
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FRAME ELEMENT INTERNAL FORCES			
COMB DL ----- MAX			
REL_DIST	P	V2	V3
0.00000	M2	M3	
0.014333	0.383404	251.871429	0.452405
0.17197	12.142550	150.787063	0.452405
0.014333	0.081149	218.018042	
0.34395	12.142550	150.787063	0.452405
0.014333	0.368598	195.845324	
0.51592	12.142550	150.787063	0.452405
0.014333	0.875852	216.135403	
0.68789	12.142550	150.787063	0.452405
0.014333	1.399628	260.333404	
COMB DL ----- MIN			
REL_DIST	P	V2	V3
0.00000	M2	M3	
-0.014292	-8.623137	-74.300169	-0.759677
-0.014292	-0.694319	-9.780323	
0.17197	-8.623137	-74.300169	-0.759677
-0.014292	-0.171928	-38.191313	
0.34395	-8.623137	-74.300169	-0.759677
-0.014292	-0.237984	-73.015785	
0.51592	-8.623137	-74.300169	-0.759677
-0.014292	-0.548147	-136.502258	
0.68789	-8.623137	-74.300169	-0.759677
-0.014292	-0.860076	-237.766164	
COMB CAR ----- MAX			
REL_DIST	P	V2	V3
0.00000	M2	M3	
0.015751	0.383404	251.871429	0.452405
0.17197	13.30668	162.208389	0.452405
0.015751	0.081149	218.018042	
0.34395	13.30668	162.208389	0.452405
0.015751	0.368598	195.845324	
0.51592	13.30668	162.208389	0.452405
0.015751	0.875852	216.135403	
0.68789	13.30668	162.208389	0.452405
0.015751	1.399628	260.333404	
COMB CAR ----- MIN			
REL_DIST	P	V2	V3
0.00000	M2	M3	
-0.015387	-0.694319	-9.780323	-0.759677
-0.17197	-9.160677	-74.300169	-0.759677
-0.015387	-0.171928	-38.191313	
0.34395	-9.160677	-74.300169	-0.759677
-0.015387	-0.237984	-73.015785	
0.51592	-9.160677	-74.300169	-0.759677
-0.015387	-0.548147	-136.502258	
0.68789	-9.160677	-74.300169	-0.759677
-0.015387	-0.860076	-241.181009	
COMB DESIGN ----- MAX			
REL_DIST	P	V2	V3
0.00000	M2	M3	
0.015751	0.383404	251.871429	0.452405
0.17197	13.30668	162.208389	0.452405
0.015751	0.081149	218.018042	
0.34395	13.30668	162.208389	0.452405
0.015751	0.368598	195.845324	
0.51592	13.30668	162.208389	0.452405
0.015751	0.875852	216.135403	
0.68789	13.30668	162.208389	0.452405
0.015751	1.399628	260.333404	
COMB DESIGN ----- MIN			
REL_DIST	P	V2	V3
0.00000	M2	M3	
-0.015387	-0.694319	-9.780323	-0.759677
-0.17197	-9.160677	-74.300169	-0.759677
-0.015387	-0.171928	-38.191313	
0.34395	-9.160677	-74.300169	-0.759677
-0.015387	-0.237984	-73.015785	
0.51592	-9.160677	-74.300169	-0.759677
-0.015387	-0.548147	-136.502258	
0.68789	-9.160677	-74.300169	-0.759677
-0.015387	-0.860076	-241.181009	
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FRAME ELEMENT INTERNAL FORCES			
ELEM 105 ===== LENGTH = 4.005370			
COMB DB-G1-1 ----- MAX			
REL_DIST	P	V2	V3
0.31208	M2	M3	
3.69E-05	0.367684	37.414000	0.185007
COMB DB-G1-1 ----- MIN			
REL_DIST	P	V2	V3
0.31208	M2	M3	
-0.002343	-0.730687	-14.028780	-0.178336
-0.002343	-0.342406	-39.046387	
0.48406	-0.730687	-14.028780	-0.178336
-0.002343	-0.219576	-29.387683	
0.65604	-0.730687	-14.028780	-0.178336
-0.002343	-0.096775	-19.762384	
0.82802	-0.730687	-14.028780	-0.178336
-0.002343	-0.028959	-10.437373	
1.00000	-0.730687	-14.028780	-0.178336
-0.002343	-0.156501	-5.626083	
COMB DB-G1-2 ----- MAX			
REL_DIST	P	V2	V3
0.31208	M2	M3	
0.013095	8.580310	63.866689	0.238050
0.48406	0.454353	205.450891	
0.48406	8.580310	63.866689	0.238050
0.013095	0.290364	163.449298	
0.65604	8.580310	63.866689	0.238050
0.013095	0.126336	144.300938	
0.82802	8.580310	63.866689	0.238050
0.013095	0.056470	176.331287	
1.00000	8.580310	63.866689	0.238050
-0.013095	0.287365	208.613148	
COMB DB-G1-2 ----- MIN			
REL_DIST	P	V2	V3
0.31208	M2	M3	
-0.015573	-5.947396	-116.770776	-0.335569
-0.015573	-0.646043	-125.439381	
0.48406	-5.947396	-116.770776	-0.335569
-0.015573	-0.416912	-50.715422	
0.65604	-5.947396	-116.770776	-0.335569
-0.015573	-0.192431	-20.428153	
0.82802	-5.947396	-116.770776	-0.335569
-0.015573	-0.073143	-9.715991	
1.00000	-5.947396	-116.770776	-0.335569
-0.015573	-0.228305	-0.003023	
COMB DB-G1-3 ----- MAX			
REL_DIST	P	V2	V3
0.31208	M2	M3	
0.015111	8.177702	65.827944	0.350842
0.48406	0.669395	214.248521	
0.015111	8.177702	65.827944	0.350842
0.015111	0.427710	171.064789	
0.015111	0.185979	151.344557	
0.82802	8.177702	65.827944	0.350842
0.015111	0.074667	184.217407	
1.00000	8.177702	65.827944	0.350842
0.015111	0.383465	236.521538	
COMB DB-G1-3 ----- MIN			
REL_DIST	P	V2	V3
0.31208	M2	M3	
-0.015684	-10.780274	-155.859011	-0.448513
-0.015684	-0.861253	-203.993739	
0.48406	-10.780274	-155.859011	-0.448513
-0.015684	-0.554379	-102.473712	
0.65604	-10.780274	-155.859011	-0.448513
-0.015684	-0.252215	-46.364699	
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	P	V2	V3
0.82802	M2	M3	
-0.015684	-10.780274	-155.859011	-0.448513
1.00000	-0.012349	-15.15103	
-0.015684	-10.780274	-155.859011	-0.448513
-0.015684	-0.324622	-0.004687	
COMB DB-G2-1 ----- MAX			
REL_DIST	P	V2	V3
0.31208	M2	M3	
0.002455	0.751731	13.847767	0.217100
0.48406	0.414069	38.588768	
0.002455	0.264521	29.057025	
0.65604	0.751731	13.847767	0.217100
0.002455	0.114975	19.547207	
0.82802	0.751731	13.847767	0.217100
0.002455	0.033429	10.086253	
1.00000	0.751731	13.847767	0.217100
0.002455	0.182144	1.080729	
COMB DB-G2-1 ----- MIN			
REL_DIST	P	V2	V3
0.31208	M2	M3	
-2.22E-05	-6.482787	-36.783361	-0.215752
-2.22E-05	-0.412349	-108.118056	
0.48406	-6.482787	-36.783361	-0.215752
-2.22E-05	-0.263733	-82.790669	
0.65604	-6.482787	-36.783361	-0.215752
-2.22E-05	-0.115121	-57.501412	
0.82802	-6.482787	-36.783361	-0.215752
-2.22E-05	-0.034564	-32.243699	
1.00000	-6.482787	-36.783361	-0.215752
-2.22E-05	-0.184143	-7.135207	
COMB DB-G2-2 ----- MAX			
REL_DIST	P	V2	V3
0.31208	M2	M3	
0.016091	1.417105	25.902972	0.279942
0.48406	0.533778	93.215556	
0.48406	1.417105	25.902972	0.279942
0.016091	0.340932	77.364766	
0.65604	1.417105	25.902972	0.279942
0.016091	0.148113	84.373732	
0.82802	1.417105	25.902972	0.279942
0.016091	0.064816	142.560123	
1.00000	1.417105	25.902972	0.279942
0.016091	0.317076	206.855036	
COMB DB-G2-2 ----- MIN			
REL_DIST	P	V2	V3
0.31208	M2	M3	
-0.012975	-13.252752	-153.486088	-0.365977
-0.012975	-0.699892	-219.472676	
0.48406	-13.252752	-153.486088	-0.365977
-0.012975	-0.449814	-119.448139	
0.65604	-13.252752	-153.486088	-0.365977
-0.012975	-0.204247	-63.851158	
0.82802	-13.252752	-153.486088	-0.365977
-0.012975	-0.080487	-27.797892	
1.00000	-13.252752	-153.486088	-0.365977
-0.012975	-0.264342	-0.029049	
COMB DB-G2-3 ----- MAX			
REL_DIST	P	V2	V3
0.31208	M2	M3	
3.69E-05	0.367684	37.414000	0.185007
0.48406	0.353275	97.650133	
3.69E-05	0.225834	71.885518	0.185007
0.65604	0.367684	37.414000	0.185007
3.69E-05	0.098385	46.145608	
0.82802	0.367684	37.414000	0.185007
3.69E-05	0.026700	20.499249	

0.00000	6.367684	37.414000	0.185007
0.69E-05	0.148982	0.976316	
COMB DB-G1-1-----MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-0.730687	-14.028780	-0.178336
-0.002343	-0.734046	-39.046387	
0.48406	-0.730687	-14.028780	-0.178336
-0.002343	-0.219576	-29.387683	
0.65604	-0.730687	-14.028780	-0.178336
-0.002343	-0.096775	-19.762384	
0.82802	-0.730687	-14.028780	-0.178336
-0.002343	-0.028959	-10.437373	
1.00000	-0.730687	-14.028780	-0.178336
-0.002343	-0.156501	-5.626083	
COMB DB-G1-2-----MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31208	8.580310	63.866689	0.238050
0.013095	0.454363	205.450691	
0.48406	8.580310	63.866689	0.238050
0.013095	0.290364	163.449298	
0.65604	8.580310	63.866689	0.238050
0.013095	0.126336	144.300938	
0.82802	8.580310	63.866689	0.238050
0.013095	0.056470	176.331267	
1.00000	8.580310	63.866689	0.238050
0.013095	0.258376	208.613148	
COMB DB-G1-2-----MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-5.947396	-116.770776	-0.335569
-0.115573	-0.646043	-125.439381	
0.48406	-5.947396	-116.770776	-0.335569
-0.115573	-0.416912	-50.715422	
0.65604	-5.947396	-116.770776	-0.335569
-0.115573	-0.192431	-20.428153	
0.82802	-5.947396	-116.770776	-0.335569
-0.115573	-0.073143	-9.715991	
1.00000	-5.947396	-116.770776	-0.335569
-0.115573	-0.226305	-0.003023	
COMB DB-G1-3-----MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31208	8.177702	65.827944	0.350842
0.015111	0.669395	214.248521	
0.48406	8.177702	65.827944	0.350842
0.015111	0.427710	171.064789	
0.65604	8.177702	65.827944	0.350842
0.015111	0.185979	151.344537	
0.82802	8.177702	65.827944	0.350842
0.015111	0.074667	184.217407	
1.00000	8.177702	65.827944	0.350842
0.015111	0.383465	236.521538	
COMB DB-G1-3-----MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-10.780274	-155.859011	-0.448513
-0.015684	-0.861253	-203.993739	
0.48406	-10.780274	-155.859011	-0.448513
-0.015684	-0.264379	-102.473712	
0.65604	-10.780274	-155.859011	-0.448513
-0.015684	-0.252215	-46.364699	
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FRAME ELEMENT INTERNAL			
FORCES			
REL_DIST	P	V2	V3
T	M2	M3	
0.82802	-10.780274	-155.859011	-0.448513
-0.015684	-0.091896	-15.014103	
1.00000	-10.780274	-155.859011	-0.448513
-0.015684	-0.324622	-0.004687	
COMB DB-G2-1-----MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31208	0.751731	13.847767	0.217100
0.002455	0.414069	38.588768	
0.48406	0.751731	13.847767	0.217100
0.002455	0.264521	29.057025	
0.65604	0.751731	13.847767	0.217100
0.002455	0.114975	19.547200	
0.82802	0.751731	13.847767	0.217100
0.002455	0.033429	10.086253	
1.00000	0.751731	13.847767	0.217100
0.002455	0.182144	1.080729	
COMB DB-G2-1-----MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-6.482787	-36.783361	-0.215752
-2.22E-05	-0.123439	-108.118056	
0.48406	-6.482787	-36.783361	-0.215752
-2.22E-05	-0.212733	-82.706669	
0.65604	-6.482787	-36.783361	-0.215752
-2.22E-05	-0.115121	-57.501412	
0.82802	-6.482787	-36.783361	-0.215752
-2.22E-05	-0.034564	-32.243699	
1.00000	-6.482787	-36.783361	-0.215752
-2.22E-05	-0.184143	-7.135207	
COMB DB-G2-2-----MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31208	4.171705	25.902972	0.279942
0.016091	0.533778	93.215596	
0.48406	4.171705	25.902972	0.279942
0.016091	0.340932	77.364766	
0.65604	4.171705	25.902972	0.279942
0.016091	0.148113	84.563732	
0.82802	4.171705	25.902972	0.279942
0.016091	0.064816	142.750123	
1.00000	4.171705	25.902972	0.279942
0.016091	0.317076	206.855036	
COMB DB-G2-2-----MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31208	-13.952752	-213.476078	-0.365977
-0.012975	-0.252752	-153.486098	
0.48406	-13.952752	-213.476078	-0.365977
-0.012975	-13.445814	-119.448139	
0.65604	-13.952752	-153.486098	-0.365977
-0.012975	-0.204247	-63.851158	
0.82802	-13.952752	-213.476078	-0.365977
-0.012975	-0.080487	-27.787892	
1.00000	-13.952752	-213.476078	-0.365977
-0.012975	-0.264342	-0.020490	
COMB DB-G2-3-----MAX			

T		M2		M3		
0.31208		8.580310		68.437845		0.50795
0.016091		0.963905		266.760946		
0.48406		8.580310		68.437845		0.50795
0.016091		0.613771		223.053637		
0.65604		8.580310		68.437845		0.50795
0.016091		0.264901		201.290479		
0.82802		8.580310		68.437845		0.50795
0.016091		0.133229		221.372166		
1.00000		8.580310		68.437845		0.50795
0.016091		0.733687		251.631378		
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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	M2	P	M3	V2	V3
0.31208		-13.252752		-157.729924		-0.87499
-0.015684		-1.692161		-224.753375		
0.48406		-13.252752		-157.729924		-0.87499
-0.015684		-1.00541		-122.026442		
0.65604		-13.252752		-157.729924		-0.87499
-0.015684		-0.491704		-64.790907		
0.82802		-13.252752		-157.729924		-0.87499
-0.015684		-0.121455		-32.414461		
1.00000		-13.252752		-157.729924		-0.87499
-0.015684		-0.464478		-8.859952		
COMB DESIGN ----- MAX						
REL_DIST	T	M2	P	M3	V2	V3
0.31208		8.580310		68.437845		0.50795
0.016091		0.963905		266.760946		
0.48406		8.580310		68.437845		0.50795
0.016091		0.613771		223.053637		
0.65604		8.580310		68.437845		0.50795
0.016091		0.264901		201.290479		
0.82802		8.580310		68.437845		0.50795
0.016091		0.133229		221.372166		
1.00000		8.580310		68.437845		0.50795
0.016091		0.733687		251.631378		
COMB DESIGN ----- MIN						
REL_DIST	T	M2	P	M3	V2	V3
0.31208		-13.252752		-157.729924		-0.87499
-0.015684		-1.692161		-224.753375		
0.48406		-13.252752		-157.729924		-0.87499
-0.015684		-1.00541		-122.026442		
0.65604		-13.252752		-157.729924		-0.87499
-0.015684		-0.491704		-64.790907		
0.82802		-13.252752		-157.729924		-0.87499
-0.015684		-0.121455		-32.414461		
1.00000		-13.252752		-157.729924		-0.87499
-0.015684		-0.464478		-8.859952		
ELEM 106 ===== LENGTH = 4.004325						
COMB DB-G1-1 ----- MAX						
REL_DIST	T	M2	P	M3	V2	V3
0.00000		6.344868		36.938054		0.18434
2.43E-05		0.155815		0.974558		
0.17196		6.344868		36.938054		0.18434
2.43E-05		0.028778		9.216030		
0.34392		6.344868		36.938054		0.18434
2.43E-05		0.093681		18.758518		
0.51588		6.344868		36.938054		0.18434
2.43E-05		0.207197		28.350008		
0.68784		6.344868		36.938054		0.18434
2.43E-05		0.320853		37.959496		
COMB DB-G1-1 ----- MIN						
REL_DIST	T	M2	P	M3	V2	V3
0.00000		-0.734497		-13.960838		-0.16528
-0.002330		-0.139555		-5.610234		
0.17196		-0.734497		-13.960838		-0.16528
-0.002330		-0.026140		-30.915502		
0.34392		-0.734497		-13.960838		-0.16528
-0.002330		-0.098038		-56.262399		
0.51588		-0.734497		-13.960838		-0.16528
-0.002330		-0.224982		-81.647719		
0.68784		-0.734497		-13.960838		-0.16528
-0.002330		-0.351916		-107.072085		
COMB DB-G1-2 ----- MAX						
REL_DIST	T	M2	P	M3	V2	V3
0.00000		12.943978		153.832683		0.24091
0.013041		0.203814		208.248431		
0.17196		12.943978		153.832683		0.24091
0.013041		0.021717		141.169248		
0.34392		12.943978		153.832683		0.24091
0.013041		0.167310		82.991308		
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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
0.51588		12.943978		153.832683		0.24091
0.013041		0.383354		76.385098		
0.68784		12.943978		153.832683		0.24091
0.013041		0.616800		92.255503		
COMB DB-G1-2 ----- MIN						
REL_DIST	T	M2	P	M3	V2	V3
0.00000		-1.472461		-25.950997		-0.34102
-0.015879		-0.322925		-0.002277		
0.17196		-1.472461		-25.950997		-0.34102
-0.015879		-0.091518		-26.230311		
0.34392		-1.472461		-25.950997		-0.34102
-0.015879		-0.127841		-62.475599		
0.51588		-1.472461		-25.950997		-0.34102
-0.015879		-0.293803		-118.453753		
0.68784		-1.472461		-25.950997		-0.34102
-0.015879		-0.459681		-219.020657		
COMB DB-G1-3 ----- MAX						
REL_DIST	T	M2	P	M3	V2	V3
0.00000		12.640698		157.904086		0.35423
0.014673		0.300197		236.158703		
0.17196		12.640698		157.904086		0.35423
0.014673		0.061724		194.920266		
0.34392		12.640698		157.904086		0.35423
0.014673		0.227438		160.985585		

0.51588	12.640698	157.904086	0.354239		
0.014673	0.522709	179.779434			
0.68784	12.640698	157.904086	0.354239		
0.014673	0.835732	221.555918			
COMB DB-G1-3 ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-6.253628	-63.704901		-0.457184	
-0.015857	-0.428764	-0.004028			
0.17196	-6.253628	-63.704901		-0.457184	
-0.015857	-0.119250	-25.842364			
0.34392	-6.253628	-63.704901		-0.457184	
-0.015857	-0.187488	-62.791229			
0.51588	-6.253628	-63.704901		-0.457184	
-0.015857	-0.431492	-120.292680			
0.68784	-6.253628	-63.704901		-0.457184	
-0.015857	-0.675401	-223.442650			
COMB DB-G2-1 ----- MAX					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	0.746581	13.916261		0.217030	
0.002510	0.184597	1.080616			
0.17196	0.746581	13.916261		0.217030	
0.002510	0.035067	18.986511			
0.34392	0.746581	13.916261		0.217030	
0.002510	0.114477	44.507283			
0.51588	0.746581	13.916261		0.217030	
0.002510	0.263297	70.129364			
0.68784	0.746581	13.916261		0.217030	
0.002510	0.412125	95.776858			
COMB DB-G2-1 ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-6.526102	-37.257805		-0.216137	
-3.55E-05	-0.183190	-7.122074			
0.17196	-6.526102	-37.257805		-0.216137	
-3.55E-05	-0.034252	-9.491681			
0.34392	-6.526102	-37.257805		-0.216137	
-3.55E-05	-0.114267	-18.701360			
0.51588	-6.526102	-37.257805		-0.216137	
-3.55E-05	-0.263728	-28.239446			
0.68784	-6.526102	-37.257805		-0.216137	
-3.55E-05	-0.413160	-37.817025			
COMB DB-G2-2 ----- MAX					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	5.836367	116.720630		0.283788	
0.015852	0.241374	206.487833			
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REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.17196	5.836367	116.720630		0.283788	
0.015852	0.051355	174.084830			
0.34392	5.836367	116.720630		0.283788	
0.015852	0.186192	141.824340			
0.51588	5.836367	116.720630		0.283788	
0.015852	0.435239	161.100671			
0.68784	5.836367	116.720630		0.283788	
0.015852	0.701554	202.837408			
COMB DB-G2-2 ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-8.835918	-63.515948		-0.388599	
-0.013048	-0.368742	-0.031696			
0.17196	-8.835918	-63.515948		-0.388599	
-0.013048	-0.104312	-8.495940			
0.34392	-8.835918	-63.515948		-0.388599	
-0.013048	-0.149390	-19.071784			
0.51588	-8.835918	-63.515948		-0.388599	
-0.013048	-0.344811	-49.480513			
0.68784	-8.835918	-63.515948		-0.388599	
-0.013048	-0.540213	-124.479347			
COMB DB-G2-3 ----- MAX					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	10.533430	155.984243		0.365770	
0.015957	0.301498	235.459332			
0.17196	10.533430	155.984243		0.365770	
0.015957	0.064063	181.863945			
0.34392	10.533430	155.984243		0.365770	
0.015957	0.241934	148.752569			
0.51588	10.533430	155.984243		0.365770	
0.015957	0.561029	168.704622			
0.68784	10.533430	155.984243		0.365770	
0.015957	0.897856	211.723736			
COMB DB-G2-3 ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-8.428417	-65.649991		-0.491077	
-0.014973	-0.454896	-0.035633			
0.17196	-8.428417	-65.649991		-0.491077	
-0.014973	-0.119694	-8.795855			
0.34392	-8.428417	-65.649991		-0.491077	
-0.014973	-0.193106	-44.550347			
0.51588	-8.428417	-65.649991		-0.491077	
-0.014973	-0.280411	-100.890983			
0.68784	-8.428417	-65.649991		-0.491077	
-0.014973	-0.696894	-202.802150			
COMB DL-G1-1 ----- MAX					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	5.523749	36.104714		0.236076	
2.42E-05	0.199482	1.355523			
0.17196	5.523749	36.104714		0.236076	
2.42E-05	0.030729	12.085554			
0.34392	5.523749	36.104714		0.236076	
2.42E-05	0.190643	25.083975			
0.51588	5.523749	36.104714		0.236076	
2.42E-05	0.428104	38.178838			
0.68784	5.523749	36.104714		0.236076	
2.42E-05	0.663791	51.304169			
COMB DL-G1-1 ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-0.751122	-19.093935		-0.344629	
-0.002619	-0.454896	-0.035633			
0.17196	-0.751122	-19.093935		-0.344629	
-0.002619	-0.048299	-30.690146			
0.34392	-0.751122	-19.093935		-0.344629	
-0.002619	-0.125848	-55.383005			
0.51588	-0.751122	-19.093935		-0.344629	
-0.002619	-0.280411	-100.890983			
0.68784	-0.751122	-19.093935		-0.344629	
-0.002619	-0.450913	-104.992667			

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FRAME ELEMENT INTERNAL FORCES																		
ELEM	107	=====			LENGTH =													
4.004740																		
COMB DB-G1-1 ----- MAX																		
REL_DIST	T	M2	P	M3	V2	V3												
0.31213	4.730766	25.901248	0.176989															
3.81E-05	0.337616	65.935566																
0.48410	4.730766	25.901248	0.176989															
3.81E-05	0.215726	48.111329																
0.65607	4.730766	25.901248	0.176989															
3.81E-05	0.093837	30.309362																
0.82803	4.730766	25.901248	0.176989															
3.81E-05	0.031064	12.582291																
1.00000	4.730766	25.901248	0.176989															
3.81E-05	0.165873	0.970569																
COMB DB-G1-1 ----- MIN																		
REL_DIST	T	M2	P	M3	V2	V3												
0.31213	-1.917757	-22.259497	-0.195766															
-0.002531	-0.373420	-62.037451																
0.48410	-1.917757	-22.259497	-0.195766															
-0.002531	-0.238599	-46.715941																
0.65607	-1.917757	-22.259497	-0.195766															
-0.002531	-0.103767	-31.440744																
0.82803	-1.917757	-22.259497	-0.195766															
-0.002531	-0.027971	-16.504939																
1.00000	-1.917757	-22.259497	-0.195766															
-0.002531	-0.149948	-5.700509																
COMB DB-G1-2 ----- MAX																		
REL_DIST	T	M2	P	M3	V2	V3												
0.31213	6.663219	49.962642	0.252250															
0.013090	0.480950	164.663229																
0.48410	6.663219	49.962642	0.252250															
0.013090	0.307329	132.374394																
0.65607	6.663219	49.962642	0.252250															
0.013090	0.133431	122.855990																
0.82803	6.663219	49.962642	0.252250															
0.013090	0.064349	164.534515																
1.00000	6.663219	49.962642	0.252250															
0.013090	0.315484	206.230121																
COMB DB-G1-2 ----- MIN																		
REL_DIST	T	M2	P	M3	V2	V3												
0.31213	-7.313538	-126.606223	-0.368036															
-0.015803	-0.709307	-153.530165																
0.48410	-7.313538	-126.606223	-0.368036															
-0.015803	-0.455964	-71.217565																
0.65607	-7.313538	-126.606223	-0.368036															
-0.015803	-0.202565	-33.249779																
0.82803	-7.313538	-126.606223	-0.368036															
-0.015803	-0.073709	-15.866739																
1.00000	-7.313538	-126.606223	-0.368036															
-0.015803	-0.221976	-0.030637																
COMB DB-G1-3 ----- MAX																		
REL_DIST	T	M2	P	M3	V2	V3												
0.31213	7.163880	58.126987	0.383430															
0.015209	0.730654	192.193212																
0.48410	7.163880	58.126987	0.383430															
0.015209	0.466597	154.378925																
0.65607	7.163880	58.126987	0.383430															
0.015209	0.202380	139.990654																
0.82803	7.163880	58.126987	0.383430															
0.015209	0.083343	178.423933																
1.00000	7.163880	58.126987	0.383430															
0.015209	0.417387	233.687421																
COMB DB-G1-3 ----- MIN																		
REL_DIST	T	M2	P	M3	V2	V3												
0.31213	-10.969551	-157.835314	-0.490098															
-0.016020	-0.946219	-210.712130																
0.48410	-10.969551	-157.835314	-0.490098															
-0.016020	-0.608813	-107.053214																
0.65607	-10.969551	-157.835314	-0.490098															
-0.016020	-0.271325	-48.799136																
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FRAME ELEMENT INTERNAL FORCES																		
REL_DIST	T	M2	P	M3	V2	V3												
0.82803	-10.969551	-157.835314	-0.490098															
-0.016020	-0.095694	-14.807302																
1.00000	-10.969551	-157.835314	-0.490098															
-0.016020	-0.333803	-0.042693																
COMB DB-G2-1 ----- MAX																		
REL_DIST	T	M2	P	M3	V2	V3												
0.31213	1.940953	21.895376	0.239079															
0.002632	0.455277	60.667976																
0.48410	1.940953	21.895376	0.239079															
0.002632	0.290627	45.590493																
0.65607	1.940953	21.895376	0.239079															
0.002632	0.125882	30.530077																
0.82803	1.940953	21.895376	0.239079															
0.002632	0.035337	15.497909																
1.00000	1.940953	21.895376	0.239079															
0.002632	0.192129	1.153785																
COMB DB-G2-1 ----- MIN																		
REL_DIST	T	M2	P	M3	V2	V3												
0.31213	-4.780071	-25.624319	-0.227556															
-0.000194	-0.434735	-76.647120																
0.48410	-4.780071	-25.624319	-0.227556															
-0.000194	-0.780023	-59.010190																
0.65607	-4.780071	-25.624319	-0.227556															
-0.000194	-0.121303	-41.412055																
0.82803	-4.780071	-25.624319	-0.227556															
-0.000194	-0.038656	-23.846840																
1.00000	-4.780071	-25.624319	-0.227556															
-0.000194	-0.203322	-6.481749																
COMB DB-G2-2 ----- MAX																		
REL_DIST	T	M2	P	M3	V2	V3												
0.31213	2.833454	35.261218	0.333136															
0.016281	0.634325	117.944535																
0.48410	2.833454	35.261218	0.333136															
0.016281	0.404905	95.730733																
0.65607	2.833454	35.261218	0.333136															
0.016281	0.175326	96.282606																
0.82803	2.833454	35.261218	0.333136															

0.016281	0.068771	148.055117		0.333136			
1.00000	2.833454	35.261218					
0.016281	0.336107	205.295186					
COMB DB-G2-2 ----- MIN							
REL_DIST	T	M2	P	M3	V2	V3	
0.31213	-11.211590	-140.273217				-0.391214	
-0.013234	-0.752469	-184.367073					
0.48410	-11.211590	-140.273217				-0.391214	
-0.013234	-0.484117	-92.642461					
0.65607	-11.211590	-140.273217				-0.391214	
-0.013234	-0.132156	-45.255856					
0.82803	-11.211590	-140.273217				-0.391214	
-0.013234	-0.087559	-18.404274					
1.00000	-11.211590	-140.273217				-0.391214	
-0.013234	-0.291409	-0.077555					
COMB DB-G2-3 ----- MAX							
REL_DIST	T	M2	P	M3	V2	V3	
0.31213	6.363154	65.035095				0.405250	
0.016221	0.771918	225.251328					
0.48410	6.363154	65.035095				0.405250	
0.016221	0.492834	182.557908					
0.65607	6.363154	65.035095				0.405250	
0.82803	0.121541	163.140801					
0.016221	6.363154	65.035095				0.405250	
1.00000	0.085823	196.077602					
0.016221	6.363154	65.035095				0.405250	
0.016221	0.438419	233.306979					
COMB DB-G2-3 ----- MIN							
REL_DIST	T	M2	P	M3	V2	V3	
0.31213	-11.821969	-150.831182				-0.515552	
-0.014842	-0.933062	-205.743008					
0.00000	SAP2000	Nonlinear	Version	7.42			
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FRAME ELEMENT INTERNAL							
REL_DIST	T	M2	P	M3	V2	V3	
0.48410	-11.821969	-150.831182				-0.515552	
-0.014842	-0.638090	-106.972605					
0.65607	-11.821969	-150.831182				-0.515552	
-0.014842	-0.283184	-53.610789					
0.82803	-11.821969	-150.831182				-0.515552	
-0.014842	-0.059733	-21.547401					
-0.00000	-11.821969	-150.831182				-0.515552	
-0.014842	-0.352851	-0.082476					
COMB DL-G1-1 ----- MAX							
REL_DIST	T	M2	P	M3	V2	V3	
0.31213	3.903117	23.689457				0.233984	
3.88E-05	0.449071	60.593566					
0.48410	3.903117	23.689457				0.233984	
3.88E-05	0.287950	41.371610					
0.65607	3.903117	23.689457				0.233984	
3.88E-05	0.126845	28.097182					
0.82803	3.903117	23.689457				0.233984	
3.88E-05	0.060398	12.086221					
1.00000	3.903117	23.689457				0.233984	
3.88E-05	0.311284	1.363141					
COMB DL-G1-1 ----- MIN							
REL_DIST	T	M2	P	M3	V2	V3	
0.31213	-3.184065	-32.954265				-0.365364	
-0.003082	-0.695195	-93.168722					
0.48410	-3.184065	-32.954265				-0.365364	
-0.003082	-0.443409	-70.511001					
0.65607	-3.184065	-32.954265				-0.365364	
-0.003082	-0.191763	-47.913536					
0.82803	-3.184065	-32.954265				-0.365364	
-0.003082	-0.054161	-25.003958					
1.00000	-3.184065	-32.954265				-0.365364	
-0.003082	-0.195604	-8.076611					
COMB DL-G1-2 ----- MAX							
REL_DIST	T	M2	P	M3	V2	V3	
0.31213	5.730963	46.803760				0.341845	
0.012036	0.651132	179.644464					
0.48410	5.730963	46.803760				0.341845	
0.012036	0.416603	150.367003					
0.65607	5.730963	46.803760				0.341845	
0.012036	0.050361	142.423158					
0.82803	5.730963	46.803760				0.341845	
0.012036	0.103993	176.443320					
1.00000	5.730963	46.803760				0.341845	
0.012036	0.533266	213.942345					
COMB DL-G1-2 ----- MIN							
REL_DIST	T	M2	P	M3	V2	V3	
0.31213	-8.139696	-126.128116				-0.628280	
-0.015304	-0.170408	-100.021008					
0.48410	-8.139696	-126.128116				-0.628280	
-0.015304	-0.778674	-94.823682					
0.65607	-8.139696	-126.128116				-0.628280	
-0.015304	-0.346897	-47.365416					
0.82803	-8.139696	-126.128116				-0.628280	
-0.015304	-0.054161	-25.003958					
1.00000	-8.139696	-126.128116				-0.628280	
-0.015304	-0.318492	-0.034010					
COMB DL-G1-3 ----- MAX							
REL_DIST	T	M2	P	M3	V2	V3	
0.31213	7.138150	60.926308				0.550869	
0.014120	1.046418	231.677893					
0.48410	7.138150	60.926308				0.550869	
0.014120	0.667718	193.086993					
0.65607	7.138150	60.926308				0.550869	
0.014120	0.288745	176.332585					
0.82803	7.138150	60.926308				0.550869	
0.014120	0.144358	204.524987					
1.00000	7.138150	60.926308				0.550869	
0.014120	0.769759	249.509896					
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FRAME ELEMENT INTERNAL							
COMB DL-G1-3 ----- MIN							
REL_DIST	T	M2	P	M3	V2	V3	
0.31213	-10.886470	-151.469307				-0.913769	
-0.015151	-1.761250	-224.123091					

-0.016081	-0.345229	-0.022321			
0.17197	-2.858293	-35.454360	-0.367108		
-0.016081	-0.092947	-17.474377			
0.34393	-2.858293	-35.454360	-0.367108		
-0.016081	-0.135969	-44.227048			
0.51590	-2.858293	-35.454360	-0.367108		
-0.016081	-0.311762	-91.596826			
0.68787	-2.858293	-35.454360	-0.367108		
-0.016081	-0.487459	-183.323192			
COMB DB-G1-3 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000		11.683447	150.461151		0.385958
0.014788	0.326535	233.345206			
0.17197	11.683447	150.461151			0.385958
0.014788	0.063525	194.262297			
0.34393	11.683447	150.461151			0.385958
0.014788	0.252050	161.532146			
0.51590	11.683447	150.461151			0.385958
0.014788	0.579770	181.579249			
0.68787	11.683447	150.461151			0.385958
0.014788	0.916985	224.500386			
COMB DB-G1-3 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000		-6.457135	-65.260972		-0.499188
-0.016037	-0.046179	-0.035550			
0.17197	-6.457135	-65.260972			-0.499188
-0.016037	-0.120541	-19.897981			
0.34393	-6.457135	-65.260972			-0.499188
-0.016037	-0.204928	-51.714591			
0.51590	-6.457135	-65.260972			-0.499188
-0.016037	-0.470831	-104.976466			
0.68787	-6.457135	-65.260972			-0.499188
-0.016037	-0.736635	-203.653140			
COMB DB-G2-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000		1.960039	22.134211		0.237270
0.002701	0.201994	1.154764			
0.17197	1.960039	22.134211			0.237270
0.002701	0.038505	11.925599			
0.34393	1.960039	22.134211			0.237270
0.002701	0.120614	29.726113			
0.51590	1.960039	22.134211			0.237270
0.002701	0.277307	47.605033			
0.68787	1.960039	22.134211			0.237270
0.002701	0.433998	65.506359			
COMB DB-G2-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000		-4.812038	-26.009528		-0.227528
-3.68E-05	-0.192776	-6.477588			
0.17197	-4.812038	-26.009528			-0.227528
-3.68E-05	-0.035983	-15.282699			
0.34393	-4.812038	-26.009528			-0.227528
-3.68E-05	-0.124706	-30.108291			
0.51590	-4.812038	-26.009528			-0.227528
-3.68E-05	-0.288205	-54.286876			
0.68787	-4.812038	-26.009528			-0.227528
-3.68E-05	-0.451610	-60.523570			
COMB DB-G2-2 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000		7.307653	126.326888		0.335658
0.016067	0.284895	204.954056			
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REL_DIST	P	M2	M3	V2	V3
0.17197	7.307653	126.326888			0.335658
0.016067	0.056565	163.375456			
0.34393	7.307653	126.326888			0.335658
0.016067	0.202352	121.825761			
0.51590	7.307653	126.326888			0.335658
0.016067	0.468414	131.977476			
0.68787	7.307653	126.326888			0.335658
0.016067	0.743611	164.491007			
COMB DB-G2-2 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000		-6.828710	-50.083957		-0.408748
-0.013047	-0.384907	-0.081210			
0.17197	-6.828710	-50.083957			-0.408748
-0.013047	-0.100010	-14.346561			
0.34393	-6.828710	-50.083957			-0.408748
-0.013047	-0.177334	-31.561800			
0.51590	-6.828710	-50.083957			-0.408748
-0.013047	-0.085755	-69.468211			
0.68787	-6.828710	-50.083957			-0.408748
-0.013047	-0.639738	-151.735403			
COMB DB-G2-3 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000		10.895587	157.522654		0.407183
0.016172	0.345178	232.964135			
0.17197	10.895587	157.522654			0.407183
0.016172	0.067602	176.885036			
0.34393	10.895587	157.522654			0.407183
0.016172	0.264061	138.636004			
0.51590	10.895587	157.522654			0.407183
0.016172	0.608562	153.738027			
0.68787	10.895587	157.522654			0.407183
0.016172	0.962400	191.844233			
COMB DB-G2-3 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000		-7.321613	-58.406802		-0.523195
-0.015069	-0.481471	-0.086216			
0.17197	-7.321613	-58.406802			-0.523195
-0.015069	-0.132259	-13.418697			
0.34393	-7.321613	-58.406802			-0.523195
-0.015069	-0.215499	-46.794212			
0.51590	-7.321613	-58.406802			-0.523195
-0.015069	-0.496058	-104.949927			
0.68787	-7.321613	-58.406802			-0.523195
-0.015069	-0.776479	-208.521438			
COMB DL-G1-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000		8.195587	125.534986		0.238010
2.74E-05	0.200555	1.361414			
0.17197	8.195587	125.534986			0.238010
2.74E-05	0.036893	20.455954			
0.34393	8.195587	125.534986			0.238010

2.74E-05	0.187760	42.729026			
0.51590	3.872833	23.328801	0.238010		
2.74E-05	0.421942	65.097895			
0.68787	3.872833	23.328801	0.238010		
2.74E-05	0.656247	87.496873			
COMB DL-G1-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000		-3.149588	-32.580742		-0.340074
-0.002980	-0.280631	-8.083130			
0.17197	-3.149588	-32.580742			-0.340074
-0.002980	-0.046534	-21.193464			
0.34393	-3.149588	-32.580742			-0.340074
-0.002980	-0.127190	-37.085653			
0.51590	-3.149588	-32.580742			-0.340074
-0.002980	-0.291085	-53.069878			
0.68787	-3.149588	-32.580742			-0.340074
-0.002980	-0.455010	-69.093816			
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REL_DIST	P	M2	M3	V2	V3
0.00000		9.452469	123.507552		0.353490
0.011952	0.295558	213.872118			
0.17197	9.452469	123.507552			0.353490
0.011952	0.060586	172.268499			
0.34393	9.452469	123.507552			0.353490
0.011952	0.315816	139.295114			
0.51590	9.452469	123.507552			0.353490
0.011952	0.729068	148.320778			
0.68787	9.452469	123.507552			0.353490
0.011952	1.148055	178.657687			
COMB DL-G1-2 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000		-4.339104	-48.092660		-0.617809
-0.015110	-0.554730	-0.024372			
0.17197	-4.339104	-48.092660			-0.617809
-0.015110	-0.130684	-14.960850			
0.34393	-4.339104	-48.092660			-0.617809
-0.015110	-0.189833	-38.844535			
0.51590	-4.339104	-48.092660			-0.617809
-0.015110	-0.433437	-84.740130			
0.68787	-4.339104	-48.092660			-0.617809
-0.015110	-0.676923	-167.399686			
COMB DL-G1-3 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000		10.894042	138.027430		0.559423
0.013769	0.469401	249.436365			
0.17197	10.894042	138.027430			0.559423
0.013769	0.092881	220.386913			
0.34393	10.894042	138.027430			0.559423
0.013769	0.467848	203.164857			
0.51590	10.894042	138.027430			0.559423
0.013769	1.087259	229.413623			
0.68787	10.894042	138.027430			0.559423
0.013769	1.712341	277.323030			
COMB DL-G1-3 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000		-7.132378	-74.132091		-0.917224
-0.015133	-0.915133	-0.024372			
0.17197	-7.132378	-74.132091			-0.917224
-0.015133	-0.185853	-17.832125			
0.34393	-7.132378	-74.132091			-0.917224
-0.015133	-0.297555	-49.373021			
0.51590	-7.132378	-74.132091			-0.917224
-0.015133	-0.683293	-102.421424			
0.68787	-7.132378	-74.132091			-0.917224
-0.015133	-1.068801	-196.696582			
COMB DL-G2-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000		3.315291	32.735686		0.360788
0.003340	0.307220	1.558706			
0.17197	3.315291	32.735686			0.360788
0.003340	0.058634	11.433900			
0.34393	3.315291	32.735686			0.360788
0.003340	0.264880	27.540373			
0.51590	3.315291	32.735686			0.360788
0.003340	0.609793	43.864500			
0.68787	3.315291	32.735686			0.360788
0.003340	0.954611	60.245889			
COMB DL-G2-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000		-3.985961	-23.845996		-0.500653
-3.66E-05	-0.424479	-7.92185			
0.17197	-3.985961	-23.845996			-0.500653
-3.66E-05	-0.079128	-23.885399			
0.34393	-3.985961	-23.845996			-0.500653
-3.66E-05	-0.186850	-46.005738			
0.51590	-3.985961	-23.845996			-0.500653
-3.66E-05	-0.435808	-68.42088			
0.68787	-3.985961	-23.845996			-0.50065

0.48407 -1.553636 -8.325925 -0.238488
-0.000822 -0.291370 -22.345587
0.65605 -1.553636 -8.325925 -0.238488
-0.000822 -0.127095 -16.659237
0.82802 -1.553636 -8.325925 -0.238488
-0.000822 -0.042885 -11.024064
1.00000 -1.553636 -8.325925 -0.238488
-0.000822 -0.223412 -5.603986

COMB DB-G2-2 ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 4.956820 42.216115 0.387487
0.016153 0.737065 135.512315
0.48407 4.956820 42.216115 0.387487
0.016153 4.470207 108.407500 0.387487
0.65605 4.956820 42.216115 0.387487
0.016153 0.203266 102.570765 0.387487
0.82802 4.956820 42.216115 0.387487
0.016153 0.069409 149.808359 0.387487
1.00000 4.956820 42.216115 0.387487
0.016153 0.336243 202.380963

COMB DB-G2-2 ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 -7.574375 -119.312193 -0.401305
-0.013819 -0.769712 -129.109487
0.48407 -7.574375 -119.312193 -0.401305
-0.013819 -0.493322 -50.607508
0.65605 -7.574375 -119.312193 -0.401305
0.82802 -7.574375 -119.312193 -0.401305
-0.013819 -0.097693 -3.840882
1.00000 -7.574375 -119.312193 -0.401305
-0.013819 -0.343615 -0.028896

COMB DB-G2-3 ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 6.162629 59.353020 0.449190
0.016477 0.854717 206.688992
0.48407 6.162629 59.353020 0.449190
0.016477 0.545362 167.822293 0.449190
0.65605 6.162629 59.353020 0.449190
0.016477 0.235911 150.677910 0.449190
0.82802 6.162629 59.353020 0.449190
0.016477 0.087111 187.779312 0.449190
1.00000 6.162629 59.353020 0.449190
0.016477 0.431428 229.145372

COMB DB-G2-3 ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 -9.729438 -135.155064 -0.514220
-0.015194 -0.985739 -164.244391
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F R A M E E L E M E N T I N T E R N A L
REL_DIST M2 P M3 V2 V3
T M2 M3
0.48407 -9.729438 -135.155064 -0.514220
-0.015194 -0.631596 -75.030262
0.65605 -9.729438 -135.155064 -0.514220
-0.015194 -0.277428 -30.721282
0.82802 -9.729438 -135.155064 -0.514220
-0.015194 -0.108264 -9.746295
1.00000 -9.729438 -135.155064 -0.514220
-0.015194 -0.396361 -0.042198

COMB DL-G1-1 ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 1.435024 8.261009 0.242505
0.000779 0.466310 19.500656 0.242505
0.48407 1.435024 8.261009 0.242505
0.000779 0.299346 13.932013 0.242505
0.65605 1.435024 8.261009 0.242505
0.000779 0.132531 8.410188 0.242505
0.82802 1.435024 8.261009 0.242505
0.000779 0.060166 3.152827 0.242505
1.00000 1.435024 8.261009 0.242505
0.000779 0.291703 1.312944

COMB DL-G1-1 ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 -0.625683 -47.458442 -0.336646
-0.002691 -0.635649 -134.930693
0.48407 -0.026583 -47.458442 -0.336646
-0.002691 -0.043652 -102.296887
0.65605 -0.026583 -47.458442 -0.336646
-0.002691 -0.171886 -69.749666
0.82802 -0.026583 -47.458442 -0.336646
-0.002691 -0.035151 -37.605610
1.00000 -0.026583 -47.458442 -0.336646
-0.002691 -0.201255 -8.213189

COMB DL-G1-2 ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 2.776615 27.445763 0.393339
0.012841 0.745302 122.103364 0.393339
0.48407 2.776615 27.445763 0.393339
0.012841 0.475911 106.171243 0.393339
0.65605 2.776615 27.445763 0.393339
0.012841 0.208074 110.174141 0.393339
0.82802 2.776615 27.445763 0.393339
0.012841 0.106719 157.798556 0.393339
1.00000 2.776615 27.445763 0.393339
0.012841 0.513823 209.739894

COMB DL-G1-2 ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 -12.795758 -142.354070 -0.602725
-0.014745 -1.148586 -224.903453
0.48407 -12.795758 -142.354070 -0.602725
-0.014745 -0.734680 -129.237304
0.65605 -12.795758 -142.354070 -0.602725
-0.014745 -0.322554 -68.551889
0.82802 -12.795758 -142.354070 -0.602725
-0.014745 -0.097553 -31.849030
1.00000 -12.795758 -142.354070 -0.602725
-0.014745 -0.362387 -0.004087

COMB DL-G1-3 ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 6.647250 50.985220 0.640557
0.014729 1.213047 204.369670
0.48407 6.647250 50.985220 0.640557
0.014729 0.773245 172.750439
0.65605 6.647250 50.985220 0.640557
0.014729 0.334072 161.826967

0.82802 6.647250 50.985220 0.640557
0.014729 0.148751 197.670547
1.00000 6.647250 50.985220 0.640557
0.014729 0.765288 244.645935
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F R A M E E L E M E N T I N T E R N A L
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 -13.493777 -154.600254 -0.906560
-0.015083 -1.734282 -238.426323
0.48407 -13.493777 -154.600254 -0.906560
-0.015083 -1.111342 -134.825036
0.65605 -13.493777 -154.600254 -0.906560
-0.015083 -0.489783 -66.836639
0.82802 -13.493777 -154.600254 -0.906560
-0.015083 -0.139710 -29.613793
1.00000 -13.493777 -154.600254 -0.906560
-0.015083 -0.575051 -0.004560

COMB DL-G2-1 ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 7.226040 46.694307 0.416766
0.002911 0.791418 127.067392 0.416766
0.48407 7.226040 46.694307 0.416766
0.002911 0.504152 94.944512 0.416766
0.65605 7.226040 46.694307 0.416766
0.002911 0.215630 62.867873 0.416766
0.82802 7.226040 46.694307 0.416766
0.002911 0.075407 30.932535 0.416766
1.00000 7.226040 46.694307 0.416766
0.002911 0.424672 1.330207

COMB DL-G2-1 ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 -1.443384 -8.376120 -0.506953
-0.000901 -0.972125 -26.667063
0.48407 -1.443384 -8.376120 -0.506953
-0.000901 -0.622382 -20.982043
0.65605 -1.443384 -8.376120 -0.506953
-0.000901 -0.273640 -15.327811
0.82802 -1.443384 -8.376120 -0.506953
-0.000901 -0.068641 -9.816702
1.00000 -1.443384 -8.376120 -0.506953
-0.000901 -0.355858 -6.559856

COMB DL-G2-2 ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 9.110408 64.118997 0.613140
0.015518 1.156193 224.005910 0.613140
0.48407 9.110408 64.118997 0.613140
0.015518 0.734898 182.829341 0.613140
0.65605 9.110408 64.118997 0.613140
0.015518 0.313977 161.610454 0.613140
0.82802 9.110408 64.118997 0.613140
0.015518 0.126729 184.116041 0.613140
1.00000 9.110408 64.118997 0.613140
0.015518 0.675478 211.788687

COMB DL-G2-2 ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 -6.712403 -104.648040 -0.807266
-0.012836 -1.550594 -119.417212
0.48407 -6.712403 -104.648040 -0.807266
-0.012836 -0.995945 -49.731801
0.65605 -6.712403 -104.648040 -0.807266
-0.012836 -0.442795 -15.033693
0.82802 -6.712403 -104.648040 -0.807266
-0.012836 -0.139158 -4.397475
1.00000 -6.712403 -104.648040 -0.807266
-0.012836 -0.556754 -0.028449

COMB DL-G2-3 ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.31209 9.721324 76.762628 0.707747
0.015472 1.338094 281.192685 0.707747
0.015472 0.851312 231.648072 0.707747
0.65605 9.721324 76.762628 0.707747
0.015472 0.365692 202.396899 0.707747
0.82802 9.721324 76.762628 0.707747
0.015472 0.153714 217.988225 0.707747
1.00000 9.721324 76.762628 0.707747
0.015472 0.821956 245.332979 0.707747
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< MOVING Page 707 LOAD >
F R A M E E L E M E N T I N T E R N A L
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.31209 -10.525878 -128.837468 -0.981455
-0.014201 -1.884136 -172.736544
0.48407 -10.525878 -128.837468 -0.981455
-0.014201 -1.209497 -86.796773
0.65605 -10.525878 -128.837468 -0.981455
-0.014201 0.536315 -36.219301
0.82802 -10.525878 -128.837468 -0.981455
-0.014201 -0.153670 -10.934135
1.00000 -10.525878 -128.837468 -0.981455
-0.014201 -0.635269 -0.040066

COMB DL-G2-3 ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.31209 -10.525878 -128.837468 -0.981455
-0.014201 -1.884136 -172.736544
0.48407 -10.525878 -128.837468 -0.981455
-0.014201 -1.209497 -86.796773
0.65605 -10.525878 -128.837468 -0.981455
-0.014201 0.536315 -36.219301
0.82802 -10.525878 -128.837468 -0.981455
-0.014201 -0.153670 -10.934135
1.00000 -10.525878 -128.837468 -0.981455
-0.014201 -0.635269 -0.040066

COMB DB ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 6.162629 59.353020 0.449190
0.016477 0.854717 206.688992
0.48407 6.162629 59.353020 0.449190
0.016477 0.545362 167.822293 0.449190
0.65605 6.162629 59.353020 0.449190
0.016477 0.235911 150.677910 0.449190
0.82802 6.162629 59.353020 0.449190
0.016477 0.087111 187.779312 0.449190
1.00000 6.162629 59.353020 0.449190
0.016477 0.431428 229.237991

COMB DB ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 M3
0.31209 -11.204381 -152.020314 -0.514220
-0.015946 -0.985739 -198.227964
0.48407 -11.204381 -152.020314 -0.514220
-0.015946 -0.631596 -97.277433

0.65605 -11.204381 -152.020314 -0.514220
-0.015946 -0.277428 -141.939721
0.82802 -11.204381 -152.020314 -0.514220
-0.015946 -0.108264 -20.935611
1.00000 -11.204381 -152.020314 -0.514220
-0.015946 -0.396361 -5.603986

COMB DL ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.31209 9.721324 76.762628 0.707747
0.015518 1.338094 281.192685 0.707747
0.015518 0.851312 231.648072 0.707747
0.65605 9.721324 76.762628 0.707747
0.015518 0.365692 202.396899 0.707747
0.82802 9.721324 76.762628 0.707747
0.015518 0.153714 217.988225 0.707747
1.00000 9.721324 76.762628 0.707747
0.015518 0.821956 245.332979

COMB CAR ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.31209 9.721324 76.762628 0.707747
0.016477 1.338094 281.192685 0.707747
0.016477 0.851312 231.648072 0.707747
0.65605 9.721324 76.762628 0.707747
0.016477 0.365692 202.396899 0.707747
0.82802 9.721324 76.762628 0.707747
0.016477 0.153714 217.988225 0.707747
1.00000 9.721324 76.762628 0.707747
0.016477 0.821956 245.332979
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F R A M E E L E M E N T I N T E R N A L
COMB CAR ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.31209 -13.493777 -154.600254 -0.981455
-0.015946 -1.884136 -238.426323
0.48407 -13.493777 -154.600254 -0.981455
-0.015946 -1.209497 -86.796773
0.65605 -13.493777 -154.600254 -0.981455
-0.015946 -0.536315 -36.219301
0.82802 -13.493777 -154.600254 -0.981455
-0.015946 -0.153670 -10.934135
1.00000 -13.493777 -154.600254 -0.981455
-0.015946 -0.635269 -0.213189

COMB DESIGN ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.31209 9.721324 76.762628 0.707747
0.016477 1.338094 281.192685 0.707747
0.016477 0.851312 231.648072 0.707747
0.65605 9.721324 76.762628 0.707747
0.016477 0.365692 202.396899 0.707747
0.82802 9.721324 76.762628 0.707747
0.016477 0.153714 217.988225 0.707747
1.00000 9.721324 76.762628 0.707747
0.016477 0.821956 245.332979

COMB DESIGN ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.31209 -13.493777 -154.600254 -0.981455
-0.015946 -1.884136 -238.426323
0.48407 -13.493777 -154.600254 -0.981455
-0.015946 -1.209497 -86.796773
0.65605 -13.493777 -154.600254 -0.981455
-0.015946 -0.536315 -36.219301
0.82802 -13.493777 -154.600254 -0.981455
-0.015946 -0.153670 -10.934135
1.00000 -13.493777 -154.600254 -0.981455
-0.015946 -0.635269 -0.213189

ELEM 110 ----- LENGTH =
4.005198
COMB DB-G1-1 ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.000000 1.560191 8.121563 0.168199
0.000714 0.142408 0.924636 0.168199
0.000714 1.560191 8.121563 0.168199
0.000714 0.026447 0.168199
0.34395 1.560191 8.121563 0.168199
0.000714 0.092622 36.738066 0.168199
0.51593 1.560191 8.121563 0.168199
0.000714 0.210432 55.777725 0.168199
0.68791 1.560191 8.121563 0.168199
0.000714 0.328227 74.832703

COMB DB-G1-1 ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.000000 -3.775057 -27.666462 -0.171057
-0.002254 -0.143096 -5.468091 -0.171057
0.17198 -3.775057 -27.666462 -0.171057
-0.002254 -0.025481 -10.797857
0.34395 -3.775057 -27.666462 -0.171057
-0.002254 -0.089258 -16.294003
0.51593 -3.775057 -27.666462 -0.171057
-0.002254 -0.205140 -21.810088
0.68791 -3.775057 -27.666462 -0.171057
-0.002254 -0.320995 -27.384155

COMB DB-G1-2 ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.000000 7.075160 118.867733 0.269838
0.013727 0.227411 202.180764 0.269838
0.17198 7.075160 118.867733 0.269838
0.013727 0.044659 148.263556 0.269838
0.34395 7.075160 118.867733 0.269838
0.013727 0.173557 101.381513 0.269838
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F R A M E E L E M E N T I N T E R N A L
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.015193 7.075160 118.867733 0.269838
0.013727 0.398457 108.001113 0.269838
0.68791 7.075160 118.867733 0.269838
0.013727 0.623327 135.105638
COMB DB-G1-2 ----- MIN
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.000000 -5.258161 -42.542285 -0.336344
-0.015994 -0.320697 -0.004168
0.17198 -5.258161 -42.542285 -0.336344
-0.015994 -0.089795 -3.535486 -0.336344
0.34395 -5.258161 -42.542285 -0.336344
-0.015994 -0.144253 -15.462355 -0.336344
0.51593 -5.258161 -42.542285 -0.336344
-0.015994 -0.330191 -49.922507 -0.336344
0.68791 -5.258161 -42.542285 -0.336344
-0.015994 -0.516055 -128.113118

COMB DB-G1-3 ----- MAX
REL_DIST M2 P M3 V2 V3
T M2 P M3 V2 V3
0.000000 9.140416 134.489432 0.420834
0.015207 0.

0.00000 -5.192385 -42.849538 -0.510074
-0.015902 -0.470431 -0.044959
0.17198 -5.192385 -42.849538
-0.015902 -0.119680 -17.25115
0.34395 -5.192385 -42.849538
-0.015902 -0.239182 -39.879397
0.51593 -5.192385 -42.849538
-0.015902 -0.550499 -94.945345
0.68791 -5.192385 -42.849538
-0.015902 -0.861740 -195.484044

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

REL_DIST M2 P M3 V2 V3

0.00000 1.425290 8.234376 0.247361
0.000736 0.207544 1.312258
0.17198 1.425290 8.234376 0.247361
0.000736 0.037643 28.965952
0.34395 1.425290 8.234376 0.247361
0.000736 0.168167 61.286038
0.51593 1.425290 8.234376 0.247361
0.000736 0.381108 93.752346 0.247361
0.68791 1.425290 8.234376 0.247361
0.000736 0.594216 126.269952

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

REL_DIST M2 P M3 V2 V3

0.00000 -6.994045 -47.271802 -0.309233
-0.002760 -0.257565 -8.229282
0.17198 -6.994045 -47.271802 -0.309233
-0.002760 -0.044540 -17.25115
0.34395 -6.994045 -47.271802 -0.309233
-0.002760 -0.132671 -14.992534
0.51593 -6.994045 -47.271802 -0.309233
-0.002760 -0.302859 -20.548402
0.68791 -6.994045 -47.271802 -0.309233
-0.002760 -0.473172 -26.165955
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P M3 V2 V3

0.00000 6.445898 104.194776 0.405277
0.012624 6.398952 209.659292
0.17198 6.445898 104.194776 0.405277
0.012624 0.067406 182.186285
0.34395 6.445898 104.194776 0.405277
0.012624 0.296893 160.567917
0.51593 6.445898 104.194776 0.405277
0.012624 0.687790 182.772393
0.68791 6.445898 104.194776 0.405277
0.012624 1.078195 224.892993

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

REL_DIST M2 P M3 V2 V3

0.00000 -8.964900 -65.140191 -0.577433
-0.015231 -0.523751 -0.004067
0.17198 -8.964900 -65.140191 -0.577433
-0.015231 -0.125947 -4.128085
0.34395 -8.964900 -65.140191 -0.577433
-0.015231 -0.219251 -14.672625
0.51593 -8.964900 -65.140191 -0.577433
-0.015231 -0.498188 -49.246463
0.68791 -8.964900 -65.140191 -0.577433
-0.015231 -0.777368 -118.792858

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

REL_DIST M2 P M3 V2 V3

0.00000 12.844902 141.252882 0.613550
0.014964 0.321253 211.709363
0.17198 12.844902 141.252882 0.613550
0.014964 0.105025 158.099216
0.34395 12.844902 141.252882 0.613550
0.014964 0.426628 110.837341
0.51593 12.844902 141.252882 0.613550
0.014964 0.930119 107.326186
0.68791 12.844902 141.252882 0.613550
0.014964 1.553307 123.725825

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

REL_DIST M2 P M3 V2 V3

0.00000 -9.691886 -77.777299 -0.891751
-0.015261 -0.793145 -0.004447
0.17198 -9.691886 -77.777299 -0.891751
-0.015261 -0.178882 -9.343664
0.34395 -9.691886 -77.777299 -0.891751
-0.015261 -0.347473 -33.912235
0.51593 -9.691886 -77.777299 -0.891751
-0.015261 -0.796312 -83.955008
0.68791 -9.691886 -77.777299 -0.891751
-0.015261 -1.244564 -169.348760

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

REL_DIST M2 P M3 V2 V3

0.00000 7.260412 46.874402 0.411341
0.002864 0.351503 1.334454
0.17198 7.260412 46.874402 0.411341
0.002864 0.067988 3.065112
0.34395 7.260412 46.874402 0.411341
0.002864 0.277073 8.416084
0.51593 7.260412 46.874402 0.411341
0.002864 0.634304 14.036099
0.68791 7.260412 46.874402 0.411341
0.002864 0.991537 19.731975

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

REL_DIST M2 P M3 V2 V3

0.00000 -1.454004 -8.368629 -0.518551
-0.000830 -0.437058 -6.579460
0.17198 -1.454004 -8.368629 -0.518551
-0.000830 -0.079408 -34.855425
0.34395 -1.454004 -8.368629 -0.518551
-0.000830 -0.212573 -66.603422
0.51593 -1.454004 -8.368629 -0.518551
-0.000830 -0.497178 -98.749143
0.68791 -1.454004 -8.368629 -0.518551
-0.000830 -0.780690 -130.974579
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P M3 V2 V3

0.00000 -9.691886 -77.777299 -0.893967
-0.016374 -0.871487 -8.229282
0.17198 -9.691886 -77.777299 -0.893967
-0.016374 -0.193045 -34.855425
0.34395 -9.691886 -77.777299 -0.893967

REL_DIST M2 P M3 V2 V3
0.00000 12.844902 141.252882 0.613550
0.014964 0.321253 211.709363
0.17198 12.844902 141.252882 0.613550
0.014964 0.105025 158.099216
0.34395 12.844902 141.252882 0.613550
0.014964 0.426628 110.837341
0.51593 12.844902 141.252882 0.613550
0.014964 0.930119 107.326186
0.68791 12.844902 141.252882 0.613550
0.014964 1.553307 123.725825

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

REL_DIST M2 P M3 V2 V3

0.00000 -2.946663 -27.799767 -0.828238
-0.012866 -0.739746 -0.032313
0.17198 -2.946663 -27.799767 -0.828238
-0.012866 -0.169640 -28.594294
0.34395 -2.946663 -27.799767 -0.828238
-0.012866 -0.321633 -64.706184
0.51593 -2.946663 -27.799767 -0.828238
-0.012866 -0.745714 -124.807451
0.68791 -2.946663 -27.799767 -0.828238
-0.012866 -1.168834 -219.884577

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

REL_DIST M2 P M3 V2 V3

0.00000 13.434063 153.499897 0.712415
0.015171 0.601892 245.245187
0.17198 13.434063 153.499897 0.712415
0.015171 0.118235 196.926589
0.34395 13.434063 153.499897 0.712415
0.015171 0.509335 161.829607
0.51593 13.434063 153.499897 0.712415
0.015171 1.180169 173.821786
0.68791 13.434063 153.499897 0.712415
0.015171 1.850588 206.102243

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

REL_DIST M2 P M3 V2 V3

0.00000 -6.733505 -51.894204 -0.983967
-0.014624 -0.871487 -0.043811
0.17198 -6.733505 -51.894204 -0.983967
-0.014624 -0.193045 -26.689920
0.34395 -6.733505 -51.894204 -0.983967
-0.014624 -0.377013 -63.311706
0.51593 -6.733505 -51.894204 -0.983967
-0.014624 -0.868705 -130.726217
0.68791 -6.733505 -51.894204 -0.983967
-0.014624 -1.360285 -233.744997

COMB DB ----- MAX

REL_DIST M2 P M3 V2 V3

0.00000 10.595984 151.401104 0.451861
0.016075 0.383280 228.859885
0.17198 10.595984 151.401104 0.451861
0.016075 0.075143 186.405625
0.34395 10.595984 151.401104 0.451861
0.016075 0.263760 149.744833
0.51593 10.595984 151.401104 0.451861
0.016075 0.608211 167.761513
0.68791 10.595984 151.401104 0.451861
0.016075 0.952633 206.699183

COMB DB ----- MIN

REL_DIST M2 P M3 V2 V3

0.00000 -6.665097 -59.790801 -0.510074
-0.016374 -0.470431 -5.605366
0.17198 -6.665097 -59.790801 -0.510074
-0.016374 -0.119680 -19.498447
0.34395 -6.665097 -59.790801 -0.510074
-0.016374 -0.239182 -39.879397
0.51593 -6.665097 -59.790801 -0.510074
-0.016374 -0.550499 -94.945345
0.68791 -6.665097 -59.790801 -0.510074
-0.016374 -0.861740 -195.484044
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL_DIST M2 P M3 V2 V3

0.00000 13.434063 153.499897 0.712415
0.015171 0.601892 245.245187
0.17198 13.434063 153.499897 0.712415
0.015171 0.118235 196.926589
0.34395 13.434063 153.499897 0.712415
0.015171 0.509335 201.873400
0.51593 13.434063 153.499897 0.712415
0.015171 1.180169 232.046037
0.68791 13.434063 153.499897 0.712415
0.015171 1.850588 282.506662

COMB DL ----- MIN

REL_DIST M2 P M3 V2 V3

0.00000 -9.691886 -77.777299 -0.983967
-0.015261 -0.871487 -8.229282
0.17198 -9.691886 -77.777299 -0.983967
-0.015261 -0.193045 -34.855425
0.34395 -9.691886 -77.777299 -0.983967
-0.015261 -0.377013 -66.603422
0.51593 -9.691886 -77.777299 -0.983967
-0.015261 -0.868705 -130.726217
0.68791 -9.691886 -77.777299 -0.983967
-0.015261 -1.360285 -233.744997

COMB CAR ----- MAX

REL_DIST M2 P M3 V2 V3

0.00000 13.434063 153.499897 0.712415
0.016075 0.601892 245.245187
0.17198 13.434063 153.499897 0.712415
0.016075 0.118235 196.926589
0.34395 13.434063 153.499897 0.712415
0.016075 0.509335 201.873400
0.51593 13.434063 153.499897 0.712415
0.016075 1.180169 232.046037
0.68791 13.434063 153.499897 0.712415
0.016075 1.850588 282.506662

COMB CAR ----- MIN

REL_DIST M2 P M3 V2 V3

0.00000 -9.691886 -77.777299 -0.983967
-0.016374 -0.871487 -8.229282
0.17198 -9.691886 -77.777299 -0.983967
-0.016374 -0.193045 -34.855425
0.34395 -9.691886 -77.777299 -0.983967

-0.016374 -0.377013 -66.603422
0.51593 -9.691886 -77.777299 -0.983967
-0.016374 -0.868705 -130.726217
0.68791 -9.691886 -77.777299 -0.983967
-0.016374 -1.360285 -233.744997

COMB DESIGN ----- MAX

REL_DIST M2 P M3 V2 V3

0.00000 13.434063 153.499897 0.712415
0.016075 0.601892 245.245187
0.17198 13.434063 153.499897 0.712415
0.016075 0.118235 216.797849
0.34395 13.434063 153.499897 0.712415
0.016075 0.509335 201.873400
0.51593 13.434063 153.499897 0.712415
0.016075 1.180169 232.046037
0.68791 13.434063 153.499897 0.712415
0.016075 1.850588 282.506662

COMB DESIGN ----- MIN

REL_DIST M2 P M3 V2 V3

0.00000 -9.691886 -77.777299 -0.983967
-0.016374 -0.871487 -8.229282
0.17198 -9.691886 -77.777299 -0.983967
-0.016374 -0.193045 -34.855425
0.34395 -9.691886 -77.777299 -0.983967
-0.016374 -0.377013 -66.603422
0.51593 -9.691886 -77.777299 -0.983967
-0.016374 -0.868705 -130.726217
0.68791 -9.691886 -77.777299 -0.983967
-0.016374 -1.360285 -233.744997
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FRAME ELEMENT INTERNAL FORCES

ELEM 111 ----- LENGTH =

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

REL_DIST M2 P M3 V2 V3

0.31213 0.221924 3.986033 0.163845
0.001901 0.312357 11.349465
0.48410 0.221924 3.986033
0.001901 0.199521 8.634777
0.65607 0.221924 3.986033
0.001901 0.086585 5.971899
0.82803 0.221924 3.986033
0.001901 0.027932 3.538854
1.00000 0.221924 3.986033
0.001901 0.130948 1.714613

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

REL_DIST M2 P M3 V2 V3

0.31213 -5.701111 -44.460431
0.001901 -0.208827 -125.380743
0.48410 -5.701111 -44.460431
-0.001858 -0.177872 -94.954408
0.65607 -5.701111 -44.460431
-0.001858 -0.074860 -64.813742
0.82803 -5.701111 -44.460431
-0.001858 -0.026055 -34.714136
1.00000 -5.701111 -44.460431
-0.001858 -0.138988 -10.385487

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

REL_DIST M2 P M3 V2 V3

0.31213 0.767902 15.290611 0.278856
0.018324 0.530936 110.128414
0.48410 0.767902 15.290611
0.018324 0.338897 104.535188
0.65607 0.767902 15.290611
0.018324 0.146882 129.186651
0.82803 0.767902 15.290611
0.018324 0.057681 196.482271
1.00000 0.767902 15.290611
0.018324 0.246548 264.013737

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

REL_DIST M2 P M3 V2 V3

0.31213 -12.165841 -153.518417
-0.018225 -0.544381 -184.765019
0.48410 -12.165841 -153.518417
-0.018225 -0.346628 -100.906693
0.65607 -12.165841 -153.518417
-0.018225 -0.148820 -65.956561
0.82803 -12.165841 -153.518417
-0.018225 -0.077727 -31.997087
1.00000 -12.165841 -153.518417
-0.018225 -0.261199 -0.055834

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

REL_DIST M2 P M3 V2 V3

0.31213 0.418268 38.895384 0.449958
0.019889 0.856593 188.981975
0.48410 0.418268 38.895384
0.019889 0.546729 167.724486
0.65607 0.418268 38.895384
0.019889 0.236899 177.859285
0.82803 0.418268 38.895384
0.019889 0.079550 233.482281
1.00000 0.418268 38.895384
0.019889 0.367628 312.923725

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

REL_DIST M2 P M3 V2 V3

0.31213 -0.826041 -169.667321 -0.431371
-0.019743 -0.260747 -182.085819
0.48410 -12.287041 -169.667321 -0.431371
-0.019743 -

-0.017275 -0.981336 -343.316044
0.48410 -18.312485 -200.806302 -0.518692
-0.017275 -0.624027 -214.650683
0.65607 -0.312485 -200.806302 -0.518692
-0.017275 -0.268761 -138.794226
0.82803 -18.312485 -200.806302 -0.518692
-0.017275 -0.103819 -63.582444
1.00000 -18.312485 -200.806302 -0.518692
-0.017275 -0.409344 -0.047705

COMB DL-G1-3 ----- MAX
REL_DIST T M2 M3 P V2 V3
0.31213 7.960596 68.871070 0.725525
0.018826 1.375728 342.119654
0.48410 7.960596 68.871070 0.725525
0.018826 0.875768 305.603600 0.725525
0.65607 7.960596 68.871070 0.725525
0.018826 0.376887 296.942006 0.725525
0.82803 7.960596 68.871070 0.725525
0.018826 0.143311 323.022377 0.725525
1.00000 7.960596 68.871070 0.725525
0.018826 0.704917 368.774360
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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 M2 M3 P V2 V3
0.31213 -17.666474 -207.829822 -0.828635
-0.018654 -1.577469 -329.961497
0.48410 -17.666474 -207.829822 -0.828635
-0.018654 -1.006691 -198.426553
0.65607 -17.666474 -207.829822 -0.828635
-0.018654 -0.437870 -128.218521
0.82803 -17.666474 -207.829822 -0.828635
-0.018654 -0.149022 -98.526597
1.00000 -17.666474 -207.829822 -0.828635
-0.018654 -0.646659 -0.049194

COMB DL-G2-1 ----- MAX
REL_DIST T M2 M3 P V2 V3
0.31213 11.998562 97.855575 0.457111
0.002403 0.872104 263.456089 0.457111
0.48410 11.998562 97.855575
0.002403 0.556984 196.122233
0.65607 11.998562 97.855575 0.457111
0.002403 0.240811 129.101382
0.82803 11.998562 97.855575 0.457111
0.002403 0.076238 62.903391
1.00000 11.998562 97.855575 0.457111
0.002403 0.424904 2.488105

COMB DL-G2-1 ----- MIN
REL_DIST T M2 M3 P V2 V3
0.31213 -0.452777 -5.059258 -0.505593
-0.002410 -0.967889 -13.404354
0.48410 -0.452777 -5.059258 -0.505593
-0.002410 -0.619548 -9.977897
0.65607 -0.452777 -5.059258 -0.505593
-0.002410 -0.271329 -6.882262
0.82803 -0.452777 -5.059258 -0.505593
-0.002410 -0.071160 -6.153380
1.00000 -0.452777 -5.059258 -0.505593
-0.002410 -0.385825 -11.487031

COMB DL-G2-2 ----- MAX
REL_DIST T M2 M3 P V2 V3
0.31213 14.590741 118.294430 0.699689
0.017793 1.325601 446.785653
0.48410 14.590741 118.294430 0.699689
0.017793 0.942265 374.319684
0.65607 14.590741 118.294430 0.699689
0.017793 0.361422 327.647439
0.82803 14.590741 118.294430 0.699689
0.017793 0.129596 314.374489
1.00000 14.590741 118.294430 0.699689
0.017793 0.667961 305.437984

COMB DL-G2-2 ----- MIN
REL_DIST T M2 M3 P V2 V3
0.31213 -5.491841 -99.035518 -0.794499
-0.017737 -1.520388 -67.701487
0.48410 -5.491841 -99.035518 -0.794499
-0.017737 -0.973155 -10.874517
0.65607 -5.491841 -99.035518 -0.794499
-0.017737 -0.427906 -7.191648
0.82803 -5.491841 -99.035518 -0.794499
-0.017737 -0.144987 -3.545917
1.00000 -5.491841 -99.035518 -0.794499
-0.017737 -0.625925 -0.123230

COMB DL-G2-3 ----- MAX
REL_DIST T M2 M3 P V2 V3
0.31213 13.808552 125.773228 0.801753
0.018623 1.519656 506.483101
0.48410 13.808552 125.773228 0.801753
0.018623 0.966990 429.748580
0.65607 13.808552 125.773228 0.801753
0.018623 0.415022 379.540944
0.82803 13.808552 125.773228 0.801753
0.018623 0.152685 365.199153
1.00000 13.808552 125.773228 0.801753
0.018623 0.782354 370.824796
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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 M2 M3 P V2 V3
0.31213 -11.953182 -149.857502 -0.927230
-0.018547 -1.771648 -177.201765
0.48410 -11.953182 -149.857502 -0.927230
-0.018547 -1.133012 -86.031042
0.65607 -11.953182 -149.857502 -0.927230
-0.018547 -0.496375 -48.881221
0.82803 -11.953182 -149.857502 -0.927230
-0.018547 -0.162236 -14.667006
1.00000 -11.953182 -149.857502 -0.927230
-0.018547 -0.712723 -0.151854

COMB DB ----- MAX
REL_DIST T M2 M3 P V2 V3

T M2 M3
0.31213 7.236051 73.574153 0.489388
0.019889 0.931935 308.640223
0.48410 7.236051 73.574153 0.489388
0.019889 0.594906 263.033999
0.65607 7.236051 73.574153 0.489388
0.019889 0.257848 248.469746
0.82803 7.236051 73.574153 0.489388
0.019889 0.084646 276.706265
1.00000 7.236051 73.574153 0.489388
0.019889 0.407520 313.014651

COMB DB ----- MIN
REL_DIST T M2 M3 P V2 V3
0.31213 -12.287041 -169.667321 -0.481883
-0.019743 -0.919913 -184.765019
0.48410 -12.287041 -169.667321 -0.481883
-0.019743 -0.588052 -109.660693
0.65607 -12.287041 -169.667321 -0.481883
-0.019743 -0.256101 -85.956561
0.82803 -12.287041 -169.667321 -0.481883
-0.019743 -0.112435 -34.714136
1.00000 -12.287041 -169.667321 -0.481883
-0.019743 -0.440715 -10.385487

COMB DL ----- MAX
REL_DIST T M2 M3 P V2 V3
0.31213 14.590741 125.773228 0.801753
0.018626 1.519656 506.483101
0.48410 14.590741 125.773228 0.801753
0.018826 0.966990 429.748580
0.65607 14.590741 125.773228 0.801753
0.018826 0.415022 379.540944
0.82803 14.590741 125.773228 0.801753
0.018626 0.152685 365.199153
1.00000 14.590741 125.773228 0.801753
0.018826 0.782354 370.824796
COMB DL ----- MIN
REL_DIST T M2 M3 P V2 V3
0.31213 -18.312485 -207.829822 -0.927230
-0.018654 -1.771648 -343.316044
0.48410 -18.312485 -207.829822 -0.927230
-0.018654 -1.133012 -219.804494
0.65607 -18.312485 -207.829822 -0.927230
-0.018654 -0.406375 -151.054309
0.82803 -18.312485 -207.829822 -0.927230
-0.018654 -0.162236 -82.376469
1.00000 -18.312485 -207.829822 -0.927230
-0.018654 -0.712723 -16.274494

COMB CAR ----- MAX
REL_DIST T M2 M3 P V2 V3
0.31213 14.590741 125.773228 0.801753
0.019889 1.519656 506.483101
0.48410 14.590741 125.773228 0.801753
0.019889 0.966990 429.748580
0.65607 14.590741 125.773228 0.801753
0.019889 0.415022 379.540944
0.82803 14.590741 125.773228 0.801753
0.019889 0.152685 365.199153
1.00000 14.590741 125.773228 0.801753
0.019889 0.782354 370.824796
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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 M2 M3 P V2 V3
0.31213 -18.312485 -207.829822 -0.927230
-0.019743 -1.771648 -343.316044
0.48410 -18.312485 -207.829822 -0.927230
-0.019743 -1.133012 -219.804494
0.65607 -18.312485 -207.829822 -0.927230
-0.019743 -0.496375 -151.054309
0.82803 -18.312485 -207.829822 -0.927230
-0.019743 -0.162236 -82.376469
1.00000 -18.312485 -207.829822 -0.927230
-0.019743 -0.712723 -16.274494

COMB DESIGN ----- MAX
REL_DIST T M2 M3 P V2 V3
0.31213 14.590741 125.773228 0.801753
0.019889 1.519656 506.483101
0.48410 14.590741 125.773228 0.801753
0.019889 0.966990 429.748580
0.65607 14.590741 125.773228 0.801753
0.019889 0.415022 379.540944
0.82803 14.590741 125.773228 0.801753
0.019889 0.152685 365.199153
1.00000 14.590741 125.773228 0.801753
0.019889 0.782354 370.824796
COMB DESIGN ----- MIN
REL_DIST T M2 M3 P V2 V3
0.31213 -18.312485 -207.829822 -0.927230
-0.019743 -1.771648 -343.316044
0.48410 -18.312485 -207.829822 -0.927230
-0.019743 -1.133012 -219.804494
0.65607 -18.312485 -207.829822 -0.927230
-0.019743 -0.496375 -151.054309
0.82803 -18.312485 -207.829822 -0.927230
-0.019743 -0.162236 -82.376469
1.00000 -18.312485 -207.829822 -0.927230
-0.019743 -0.712723 -16.274494

ELEM 112 ===== LENGTH =
4.005661
COMB DB-G1-1 ----- MAX
REL_DIST T M2 M3 P V2 V3
0.00000 0.222387 4.030493 0.162604
0.001871 0.137602 1.713634
0.017199 0.222387 4.030493 0.162604
0.001871 0.025491 27.697382
0.34397 0.222387 4.030493
0.001871 0.076129 57.991711
0.001871 0.222387 4.030493
0.001871 0.176331 88.368245
0.68794 0.222387 4.030493
0.001871 0.226704 118.764162

COMB DB-G1-1 ----- MIN
REL_DIST T M2 M3 P V2 V3
0.00000 -5.667187 -44.161197 -0.145552
-0.001868 -0.124356 -10.387402
0.17199 -5.667187 -44.161197 -0.145552
COMB DB-G1-2 ----- MAX
REL_DIST T M2 M3 P V2 V3
0.00000 5.667187 44.161197 0.145552
-0.001868 0.124356 10.387402
0.17199 5.667187 44.161197 0.145552
COMB DB-G1-2 ----- MIN
REL_DIST T M2 M3 P V2 V3
0.00000 -5.667187 -44.161197 -0.145552
-0.001868 -0.124356 -10.387402
0.17199 -5.667187 -44.161197 -0.145552

-0.001868 -0.024037 -5.068784
0.34397 -5.667187 -44.161197
-0.001868 -0.086392 -5.306028
0.68794 -5.667187 -44.161197
-0.001868 -0.198444 -7.995588
0.68794 -5.667187 -44.161197
-0.001868 -0.310465 -10.735668

COMB DB-G1-2 ----- MAX
REL_DIST T M2 M3 P V2 V3
0.00000 5.065697 107.335877 0.283556
0.018441 0.238180 263.648971
0.017199 5.065697 107.335877 0.283556
0.018441 0.052812 216.131430
0.34397 5.065697 107.335877 0.283556
0.018441 0.143189 181.153289
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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 P V2 V3
0.51596 5.065697 107.335877 0.283556
0.018441 0.332125 188.225272
0.68794 5.065697 107.335877 0.283556
0.018441 0.520983 225.569854

COMB DB-G1-2 ----- MIN
REL_DIST T M2 M3 P V2 V3
0.00000 -7.497148 -61.033418 -0.274131
-0.018445 -0.254471 -0.055646
0.17199 -7.497148 -61.033418 -0.274131
-0.018445 -0.077635 -2.793374
0.34397 -7.497148 -61.033418 -0.274131
-0.018445 -0.152596 -5.836282
0.51596 -7.497148 -61.033418 -0.274131
-0.018445 -0.347912 -8.891190
0.68794 -7.497148 -61.033418 -0.274131
-0.018445 -0.543223 -60.658369

COMB DB-G1-3 ----- MAX
REL_DIST T M2 M3 P V2 V3
0.00000 8.536339 132.972914 0.456691
0.019610 0.385522 312.550164
0.17199 8.536339 132.972914 0.456691
0.019610 0.081021 275.131716
0.34397 8.536339 132.972914 0.456691
0.019610 0.220330 248.109647
0.51596 8.536339 132.972914 0.456691
0.019610 0.509187 264.070322
0.68794 8.536339 132.972914 0.456691
0.019610 0.797960 311.010292

COMB DB-G1-3 ----- MIN
REL_DIST T M2 M3 P V2 V3
0.00000 -7.519584 -75.076485 -0.419163
-0.019627 -0.377604 -0.060349
0.17199 -7.519584 -75.076485 -0.419163
-0.019627 -0.101038 -8.338578
0.34397 -7.519584 -75.076485 -0.419163
-0.019627 -26.060111 -26.060111
0.51596 -7.519584 -75.076485 -0.419163
-0.019627 -0.558352 -44.70514
0.68794 -7.519584 -75.076485 -0.419163
-0.019627 -0.872965 -113.868023

COMB DB-G2-1 ----- MAX
REL_DIST T M2 M3 P V2 V3
0.00000 5.876459 43.577472 0.285658
0.001981 0.244006 1.674092
0.019889 5.876459 43.577472 0.285658
0.001981 0.007115 3.302512
0.34397 5.876459 43.577472 0.285658
0.001981 0.131884 5.612216
0.51596 5.876459 43.577472 0.285658
0.001981 0.303710 8.163395
0.68794 5.876459 43.577472 0.285658
0.001981 0.474441 10.768403

COMB DB-G2-1 ----- MIN
REL_DIST T M2 M3 P V2 V3
0.00000 -0.305489 -3.825094 -0.248610
-0.001999 -0.210659 -10.157301
0.17199 -0.305489 -3.825094
-0.001999 -0.039214 -31.607797
0.34397 -0.305489 -3.825094
-0.001999 -0.149521 -61.046126
0.51596 -0.305489 -3.825094
-0.001999 -0.346378 -90.592270
0.68794 -0.305489 -3.825094
-0.001999 -0.543171 -120.424795

COMB DB-G2-2 ----- MAX
REL_DIST T M2 M3 P V2 V3
0.00000 11.576297 151.912551 0.445599
0.018400 0.377816 264.033830
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT

< MOVING Page LOAD >
721
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 P V2 V3
0.17199 11.576297 151.912551 0.445599
0.018400 0.080711 197

[illegible]

COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX										COMB DL-G2-2 ----- MIN										COMB DL-G2-3 ----- MAX										COMB DL-G2-1 ----- MIN										COMB DL-G2-2 ----- MAX										COMB DL-G2-3 ----- MIN										COMB DL-G2-1 ----- MAX									

[illegible]

COMB DESIGN	----- MIN				REL_DIST	M2	P	M3	V2	V3	0.014836	0.735822	229.842821	<	MOVING	LOAD	>						
REL_DIST	M2	P	M3	V2	V3	0.00000	7.095997	126.832246	0.498531	0.013071	0.428446	204.834671	0.014836	0.735822	229.842821	0.764673	0.014836						
-0.016069	-11.180134	-1.408698	-223.636051	-0.736171		Program	SAP2000	Nonlinear	Version 7.42	COMB DL-G1-3	----- MIN				FRAME	ELEMENT	INTERNAL						
0.48044	-11.180134	-158.010955	-0.736171			File:2교부선방향S1-S403.OUT				REL_DIST	M2	P <td>M3<td>V2<td>V3</td><td>COMB</td><td>DL</td><td>----- MAX</td></td></td>	M3 <td>V2<td>V3</td><td>COMB</td><td>DL</td><td>----- MAX</td></td>	V2 <td>V3</td> <td>COMB</td> <td>DL</td> <td>----- MAX</td>	V3	COMB	DL	----- MAX					
-0.016069	-0.901462	-122.471337								0.00000	-6.504848	-73.753913	-0.605829			REL_DIST	M2	P	M3	V2	V3		
0.656002	-11.180134	-158.010955	-0.736171							-0.013483	-0.542528	-7.001101				0.00000	10.335082	150.771589	0.867908				
-0.016069	-0.303995	-57.992501								0.17197	-6.504848	-73.753913	-0.605829			0.015176	0.729828	249.755787					
0.82801	-11.180134	-158.010955	-0.736171							0.34394	-6.504848	-73.753913	-0.605829			0.17197	10.335082	150.771589	0.867908				
-0.016069	-0.185830	-25.730461								-0.013483	-0.133591	-18.396622				0.015176	0.134177	220.226578					
1.00000	-11.180134	-158.010955	-0.736171							0.51591	-6.504848	-73.753913	-0.605829			0.34394	10.335082	150.771589	0.867908				
-0.016069	-0.801449	-8.235893								-0.013483	-0.952493	-106.297283				0.015176	0.381487	203.171381					
										0.68787	-6.504848	-73.753913	-0.605829			0.51591	10.335082	150.771589	0.867908				
										-0.013483	-1.478831	-198.689849				0.015176	0.873573	229.842821					
																0.68787	10.335082	150.771589	0.867908				
																0.015176	1.365425	277.431287					
ELEM	116	=====	LENGTH =							REL_DIST	M2	P	M3	V2	V3	COMB	DL	----- MIN					
4.004798										0.00000	2.972950	32.587475	0.506099			REL_DIST	M2	P	M3	V2	V3		
COMB DB-G1-1	----- MAX				REL_DIST	M2	P	M3	V2	V3	0.00000	0.425228	1.4411959			0.00000	-6.504848	-73.753913	-0.715242				
					0.00000	4.151921	25.755348	0.157922			0.17197	2.972950	32.587475	0.506099		-0.015100	-0.632666	-8.236228					
					0.002300	0.133796	0.960540	0.157922			0.00000	0.960965	11.699897	0.506099		0.17197	-6.504848	-73.753913	-0.715242				
					0.17197	4.151921	25.755348	0.157922			0.34394	2.972950	32.587475	0.506099		-0.015100	-0.146207	-23.596320					
					0.002300	0.024967	14.573599	0.157922			0.00000	0.241648	27.738536	0.506099		0.34394	-6.504848	-73.753913	-0.715242				
					0.34394	4.151921	25.755348	0.157922			0.00000	0.241648	27.738536	0.506099		-0.015100	-0.482052	-55.374047					
					0.002300	0.057598	29.982696	0.157922			0.51591	2.972950	32.587475	0.506099		0.51591	-6.504848	-73.753913	-0.715242				
					0.51591	4.151921	25.755348	0.157922			0.00000	0.547250	44.036953	0.506099		-0.015100	-0.482052	-55.374047					
					0.002300	0.133003	45.391092	0.157922			0.68787	2.972950	32.587475	0.506099		0.51591	-6.504848	-73.753913	-0.715242				
					0.68787	4.151921	25.755348	0.157922			0.00000	0.852841	60.441152			-0.015100	-1.074721	-119.826490					
					0.002300	0.208408	60.845455									0.68787	-6.504848	-73.753913	-0.715242				
COMB DB-G1-1	----- MIN				REL_DIST	M2	P	M3	V2	V3	COMB	DL	G2-1	----- MAX				REL_DIST	M2	P	M3	V2	V3
					0.00000	-1.739121	-22.448482	-0.109489			0.00000	2.972950	32.587475	0.506099		0.00000	10.965012	157.882189	0.867908				
					-2.39E-05	-0.093217	-5.447526	-0.109489			-0.00000	-0.369002	-23.878304	-0.443636		REL_DIST	M2	P	M3	V2	V3		
					0.17197	-1.739121	-22.448482	-0.109489			0.17197	-0.369002	-23.878304	-0.443636		0.00000	10.965012	157.882189	0.867908				
					-2.39E-05	-0.017794	-22.962441	-0.109489			0.17197	-0.369002	-23.878304	-0.443636		0.015878	0.729828	249.755787					
					0.34394	-1.739121	-22.448482	-0.109489			0.34394	-0.369002	-23.878304	-0.443636		0.17197	10.965012	157.882189	0.867908				
					-2.39E-05	-0.083694	-40.616416	-0.109489			-0.00000	-0.269986	-45.612935	-0.443636		0.015878	0.134177	220.226578					
					0.51591	-1.739121	-22.448482	-0.109489			0.51591	-0.269986	-45.612935	-0.443636		0.34394	10.965012	157.882189	0.867908				
					-2.39E-05	-0.192476	-58.304150	-0.109489			-0.00000	-0.618696	-62.956777	-0.443636		0.015878	0.381487	203.171381					
					0.68787	-1.739121	-22.448482	-0.109489			0.68787	-0.618696	-62.956777	-0.443636		0.51591	10.965012	157.882189	0.867908				
					-2.39E-05	-0.301235	-76.030551	-0.109489			-0.00000	-0.967534	-90.362909	-0.443636		0.51591	-6.504848	-73.753913	-0.715242				
COMB DB-G1-2	----- MAX				REL_DIST	M2	P	M3	V2	V3	Program	SAP2000	Nonlinear	Version 7.42	File:2교부선방향S1-S403.OUT	COMB	CAR	----- MIN					
					0.00000	0.383776	140.424513	0.291117								REL_DIST	M2	P	M3	V2	V3		
					0.015878	0.254684	205.708414	0.291117								0.00000	-6.609065	-73.753913	-0.715242				
					0.17197	0.383776	140.424513	0.291117								-0.015905	-0.632666	-8.236228					
					0.015878	0.054286	146.103420	0.291117								-0.015905	-0.146207	-23.596320					
					0.34394	0.383776	140.424513	0.291117								0.34394	-6.609065	-73.753913	-0.715242				
					0.015878	0.093194	94.690033	0.291117								0.51591	-6.609065	-73.753913	-0.715242				
					Program	SAP2000	Nonlinear	Version 7.42								0.68787	-6.609065	-73.753913	-0.715242				
					File:2교부선방향S1-S403.OUT											-0.015905	-1.674908	-220.854910					
<	MOVING	Page	LOAD	>												COMB	CAR	----- MIN					
																REL_DIST	M2	P	M3	V2	V3		
FRAME	ELEMENT	INTERNAL														0.00000	-6.609065	-73.753913	-0.715242				
FORCES																-0.015905	-0.632666	-8.236228					
																-0.015905	-6.609065	-73.753913	-0.715242				
																-0.015905	-0.146207	-23.596320					
																0.34394	-6.609065	-73.753913	-0.715242				
																-0.015905	-0.482052	-55.374047					
																0.51591	-6.609065	-73.753913	-0.715242				
																-0.015905	-1.077421	-119.826490					
																0.68787	-6.609065	-73.753913	-0.715242				
																-0.015905	-1.674908	-220.854910					
																COMB	DESIGN	----- MAX					
																REL_DIST	M2	P	M3	V2	V3		
																0.00000	10.965012	157.882189	0.867908				
																0.015878	0.729828	249.755787					
																0.17197	10.965012	157.882189	0.867908				
																0.015878	0.134177	220.226578					
																0.34394	10.965012	157.882189	0.867908				
																0.015878	0.381487	203.171381					
																0.51591	10.965012	157.882189	0.867908				
																0.015878	0.873573	229.842821					
																0.68787	10.965012	157.882189	0.867908				
																0.015878	1.365425	277.431287					
COMB DB-G1-3	----- MAX				REL_DIST	M2	P	M3	V2	V3	COMB	DL	G2-2	----- MIN				REL_DIST	M2	P	M3	V2	V3
					0.00000	-2.646410	-35.910528	-0.177138			0.00000	-5.215773	-46.682946	-0.652787		0.00000	-6.609065	-73.753913	-0.715242				
					0.013010	-0.156710	-0.000000	-0.177138			-0.015100	-0.576215	-0.001333	-0.652787		-0.015905	-0.632666	-8.236228					
					0.17197	-2.646410	-35.910528	-0.177138			0.17197												

[illegible]

3.46E-05	0.319641	75.503717				0.17196	-2.022817	-34.366293	-0.261050	0.015681	0.773381	228.276261	0.65605	-0.830099	-9.080671	-0.122209
0.68785	0.153265	15.423672	0.310554			-0.011943	-0.080626	-25.736303		COMB	DB	-----	-0.000272	-0.064752	-12.599524	-0.122209
3.46E-05	0.499871	102.873035				0.34392	-2.022817	-34.366293	-0.261050	REL_DIST			0.82803	-0.830099	-9.080671	-0.122209
						-0.011943	-0.226200	-62.516868		T	M2	M3	0.65605	-0.830099	-9.080671	-0.122209
COMB DB-G2-1	-----	MIN				0.51588	-2.022817	-34.366293	-0.261050	P			0.00000	-0.830099	-9.080671	-0.122209
REL_DIST						-0.011943	-0.494696	-120.772685		V2			-0.000272	-0.140946	-5.761259	
						0.68785	-2.022817	-34.366293	-0.261050	V3						
0.00000	M2	M3				-0.011943	-0.766602	-216.301222					COMB DB-G1-2	-----	MAX	
-0.002249	-6.277358	-39.757156	-0.261731							REL_DIST			T	M2	M3	V2
-0.002249	-0.221054	-6.942414				COMB DL-G1-3	-----	MAX					0.31210	9.161344	74.333354	0.289373
0.17196	-6.277358	-39.757156	-0.261731			REL_DIST				P			0.014999	0.511796	234.960323	
-0.002249	-0.040708	-10.358088				T	M2	M3		V2			0.48408	9.161344	74.333354	0.289373
0.34392	-6.277358	-39.757156	-0.261731			0.00000	10.995682	148.388927	0.700251	V3			0.014999	0.312485	185.728706	0.289373
-0.002249	-0.167253	-20.609839				0.014448	0.584467	252.508689	0.700251				0.014999	0.136643	159.892426	0.289373
0.51588	-6.277358	-39.757156	-0.261731			0.17196	10.995682	148.388927	0.700251	Program	SAP2000	Nonlinear	Version	7.42		
-0.002249	-0.381141	-18.142932				0.014448	0.104844	222.488304	0.700251	File:2교부산합성S1-S403.OUT			0.82803	9.161344	74.333354	0.289373
0.68785	-6.277358	-39.757156	-0.261731			0.34392	10.995682	148.388927	0.700251				0.014999	0.032850	184.682112	
-0.002249	-0.594969	-41.788598				0.014448	0.271051	204.839147	0.700251	Page			1.00000	9.161344	74.333354	0.289373
						0.51588	10.995682	148.388927	0.700251	<	MOVING	LOAD	>			
COMB DB-G2-2	-----	MAX				0.014448	0.624667	229.410592	0.700251	FRAME	ELEMENT	INTERNAL				
REL_DIST						0.17196	10.995682	148.388927	0.700251	FORCES			REL_DIST	M2	M3	V2
0.00000	M2	M3				0.014448	0.978240	275.710056		COMB	DL	-----	0.31210	8.777664	72.225950	0.461557
0.013068	6.314240	118.453046	0.485422			REL_DIST				DL			0.015436	0.839538	231.775482	0.461557
0.013068	0.414284	206.176182				T	M2	M3		P			0.48408	8.777664	72.225950	0.461557
Program	SAP2000	Nonlinear	Version	7.42		0.00000	-5.951721	-71.686477	-0.513978	REL_DIST			0.015436	0.521679	184.126449	0.461557
File:2교부산합성S1-S403.OUT						0.013313	-0.465089	0.000000		T	M2	M3	0.65605	-0.830099	-9.080671	-0.122209
						0.17196	-5.951721	-71.686477	-0.513978	P			-0.013258	-0.233977	-38.288965	-0.191337
<	MOVING	LOAD	>			0.17196	-5.951721	-71.686477	-0.513978	0.00000	10.995682	148.651848	0.804202			
FRAME	ELEMENT	INTERNAL				0.013313	-0.117640	-26.151637		0.014741	0.671464	252.508689	-0.013258	-0.102128	-12.525295	-0.191337
REL_DIST						0.34392	-5.951721	-71.686477	-0.513978	0.17196	10.995682	148.651848	0.82803	-0.984934	-110.832387	-0.191337
T	M2	M3				-0.013313	-0.397331	-66.184982		0.014741	0.119348	222.488304	-0.013258	-0.087113	-8.750288	
0.17196	6.314240	118.453046	0.485422			0.51588	-5.951721	-71.686477	-0.513978	0.34392	10.995682	148.651848	1.00000	-5.984934	-110.832387	-0.191337
0.013068	6.314240	118.453046	0.485422			-0.013313	-0.874203	-128.027524		0.014741	0.331238	204.839147	-0.013258	-0.286519	-0.001296	
0.013068	0.444942	166.208330				0.68785	-5.951721	-71.686477	-0.513978	0.51588	10.995682	148.651848				
0.68785	6.314240	118.453046	0.485422			0.014741	0.759215	229.410992	0.804202	0.014741	0.759215	229.410992	COMB DB-G1-3	-----	MAX	
0.013068	0.695729	209.856313				0.68785	10.995682	148.651848	0.804202	REL_DIST			T	M2	M3	V2
						0.014741	1.186888	275.710056		DL			0.31210	8.777664	72.225950	0.461557
COMB DB-G2-1	-----	MIN				REL_DIST				P			0.015436	0.839538	231.775482	0.461557
REL_DIST						0.00000	1.243862	21.056049	0.480690	REL_DIST			0.015436	0.521679	184.126449	0.461557
						3.20E-05	0.399815	1.624246		T	M2	M3	0.65605	-0.830099	-9.080671	-0.122209
0.00000	-8.533181	-66.331900	-0.364134			0.17196	1.243862	21.056049	0.480690	0.00000	-7.502356	-71.686477	-0.014679	-0.553692	-8.408164	-0.621910
-0.015556	-0.313650	0.000000				0.34392	0.069216	20.766492	0.480690	0.17196	-7.502356	-71.686477	-0.014679	-7.502356	-33.211438	-0.621910
0.17196	-8.533181	-66.331900	-0.364134			0.34392	0.219154	47.630862	0.480690	-0.014679	-0.131608	-33.211438	0.804202			
-0.015556	-0.088825	-9.438566				0.51588	1.243862	21.056049	0.480690	0.34392	-7.502356	-71.686477	-0.014679	-0.553692	-8.408164	-0.621910
0.34392	-8.533181	-66.331900	-0.364134			3.20E-05	0.490230	74.741204	0.480690	-0.014679	-0.454068	-66.184982	0.804202			
-0.015556	-0.272098	-21.210500				0.68785	1.243862	21.056049	0.480690	0.51588	-7.502356	-71.686477	-0.014679	-1.002484	-128.027524	-0.621910
0.51588	-8.533181	-66.331900	-0.364134			COMB DL-G2-1	-----	MIN		REL_DIST			0.68785	-7.502356	-71.686477	-0.621910
-0.015556	-0.595969	-53.073846				REL_DIST				T	M2	M3	0.804202			
0.68785	-8.533181	-66.331900	-0.364134			0.00000	-5.420358	-39.521981	-0.405028	0.00000	12.670702	161.074699	0.804202			
-0.015556	-0.926468	-129.332079				-0.002425	-0.337933	-8.408164		T	M2	M3	0.804202			
COMB DB-G2-3	-----	MAX				0.17196	-5.420358	-39.521981	-0.405028	0.00000	12.670702	161.074699	0.804202			
REL_DIST						-0.002425	-0.058248	-14.832053		0.015681	0.671464	252.508689	0.804202			
						0.00000	-5.420358	-39.521981	-0.405028	0.17196	10.995682	148.651848	0.804202			
0.00000	10.821576	158.788156	0.527328			0.34392	-0.260384	-28.891939	-0.405028	0.015681	0.119348	222.488304	0.804202			
0.014903	0.450585	234.889621				0.51588	-5.420358	-39.521981	-0.405028	0.34392	12.670702	161.074699	0.804202			
0.17196	10.821576	158.788156	0.527328			-0.002425	-0.591469	-43.274348	-0.405028	0.015681	0.331238	204.839147	0.804202			
0.014903	0.087602	184.142959				0.68785	-5.420358	-39.521981	-0.405028	0.51588	12.670702	161.074699	0.804202			
0.34392	10.821576	158.788156	0.527328			-0.002425	-0.922760	-57.729642		0.015681	0.759215	229.410992	0.804202			
0.014903	0.215173	153.125315				Program	SAP2000	Nonlinear	Version	7.42	File:2교부산합성S1-S403.OUT					
0.51588	10.821576	158.788156	0.527328			<	MOVING	LOAD	>	COMB	CAR	-----	MIN			
0.014903	0.494265	174.992915				REL_DIST				DL			REL_DIST	M2	M3	V2
0.68785	10.821576	158.788156	0.527328			0.00000	-5.420358	-39.521981	-0.405028	REL_DIST			0.82803	-0.830099	-9.080671	-0.122209
0.014903	0.773381	220.169236				-0.002425	-0.337933	-8.408164		T	M2	M3	-0.014912	-11.050488	-155.734713	-0.349547
						0.17196	-5.420358	-39.521981	-0.405028	0.00000	12.670702	161.074699	0.804202			
COMB DB-G2-3	-----	MIN				-0.002425	-0.058248	-14.832053		0.015681	0.671464	252.508689	-0.014912	-0.427440	-101.705706	-0.349547
REL_DIST						0.00000	-5.420358	-39.521981	-0.405028	0.17196	10.995682	148.651848	0.804202			
						0.34392	-0.260384	-28.891939	-0.405028	0.015681	0.119348	222.488304	0.804202			
0.00000	10.821576	158.788156	0.527328			0.51588	-5.420358	-39.521981	-0.405028	0.34392	12.670702	161.074699	0.804202			
0.014903	0.450585	234.889621				-0.002425	-0.591469	-43.274348	-0.405028	0.015681	0.331238	204.839147	0.804202			
0.17196	10.821576	158.788156	0.527328			0.68785	-5.420358	-39.521981	-0.405028	0.51588	12.670702	161.074699	0.804202			
0.014903	0.087602	184.142959				-0.002425	-0.922760	-57.729642		0.015681	0.759215	229.410992	0.804202			
0.34392	10.821576	158.788156	0.527328			Program	SAP2000	Nonlinear	Version	7.42	File:2교부산합성S1-S403.OUT					
0.014903	0.215173	153.125315				<	MOVING	LOAD	>	COMB	CAR	-----	MIN			
0.51588	10.821576	158.788156	0.527328			REL_DIST				DL			REL_DIST	M2	M3	V2
0.014903	0.494265	174.992915				0.00000	-5.420358	-39.521981	-0.405028	REL_DIST			0.82803	-0.830099	-9.080671	-0.122209
0.68785	10.821576	158.788156	0.527328			-0.002425	-0.337933	-8.408164		T	M2	M3	-0.014912	-11.050488	-155.734713	-0.349547
0.014903	0.773381															

1.00000	6.513310	64.027924	0.502786
0.014505	0.343097	237.037516	
COMB DB-G2-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	-13.400797	-163.756063	-0.407227
-0.015385	-0.778758	-241.497682	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S403.OUT			
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760			
F R A M E E L E M E N T I N T E R N A L			
REL_DIST	P	V2	V3
T	M2	M3	
0.48408	-13.400797	-163.756063	-0.407227
-0.015385	-0.498339	-135.135700	
0.65605	-13.400797	-163.756063	-0.407227
-0.015385	-0.217792	-74.207743	
0.82803	-13.400797	-163.756063	-0.407227
-0.015385	-0.121223	-33.041792	
0.00000	-13.400797	-163.756063	-0.407227
-0.015385	-0.466151	-0.015037	
COMB DL-G1-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	6.313074	47.995234	0.207420
0.001747	0.395708	125.767488	
0.48408	6.313074	47.995234	0.207420
0.001747	0.252418	92.787209	
0.65605	6.313074	47.995234	0.207420
0.001747	0.100132	59.866556	
0.82803	6.313074	47.995234	0.207420
0.001747	0.022013	27.331240	
1.00000	6.313074	47.995234	0.207420
0.001747	0.121886	1.366168	
COMB DL-G1-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	-0.684551	-11.951190	-0.146926
-0.000228	-0.292061	-33.467654	
0.48408	-0.684551	-11.951190	-0.146926
-0.000228	-0.180778	-25.296669	
0.65605	-0.684551	-11.951190	-0.146926
-0.000228	-0.097390	-17.203984	
0.82803	-0.684551	-11.951190	-0.146926
-0.000228	-0.034495	-9.491432	
1.00000	-0.684551	-11.951190	-0.146926
-0.000228	-0.175163	-8.064683	
COMB DL-G1-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	0.866681	76.146937	0.373141
0.013889	0.699270	267.099695	
0.48408	0.866681	76.146937	0.373141
0.013889	0.412241	217.703765	
0.65605	0.866681	76.146937	0.373141
0.013889	0.171291	190.089093	
0.82803	0.866681	76.146937	0.373141
0.013889	0.040834	203.585073	
1.00000	0.866681	76.146937	0.373141
0.013889	0.194244	218.023028	
COMB DL-G1-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	-5.170940	-101.312475	-0.234837
-0.012200	-0.454033	-112.465949	
0.48408	-5.170940	-101.312475	-0.234837
-0.012200	-0.292070	-45.448117	
0.65605	-5.170940	-101.312475	-0.234837
-0.012200	-0.130124	-16.570061	
0.82803	-5.170940	-101.312475	-0.234837
-0.012200	-0.000000	-0.000000	
1.00000	-5.170940	-101.312475	-0.234837
-0.012200	-0.359391	-0.001038	
COMB DL-G1-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	8.101815	75.613831	0.635247
0.013975	1.168786	272.200157	
0.48408	8.101815	75.613831	0.635247
0.013975	0.731029	223.669026	
0.65605	8.101815	75.613831	0.635247
0.013975	0.308528	197.423803	
0.82803	8.101815	75.613831	0.635247
0.013975	0.074588	214.367868	
1.00000	8.101815	75.613831	0.635247
0.013975	0.380631	254.341282	
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			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	-9.677468	-144.104502	-0.456166
-0.013532	-0.876692	-199.333238	
0.48408	-9.677468	-144.104502	-0.456166
-0.013532	-0.562168	-103.163359	
0.65605	-9.677468	-144.104502	-0.456166
-0.013532	-0.247205	-45.681331	
0.82803	-9.677468	-144.104502	-0.456166
-0.013532	-0.147947	-10.200142	
1.00000	-9.677468	-144.104502	-0.456166
-0.013532	-0.580985	-0.001075	
COMB DL-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	0.702853	11.899285	0.427983
0.000231	0.822827	33.719532	
0.48408	0.702853	11.899285	0.427983
0.000231	0.527643	25.540074	
0.65605	0.702853	11.899285	0.427983
0.000231	0.232820	17.379019	
0.82803	0.702853	11.899285	0.427983
0.000231	0.055976	9.278729	
1.00000	0.702853	11.899285	0.427983
0.000231	0.305780	1.599734	
COMB DL-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	-6.431190	-47.335447	-0.362831
-0.001874	-0.692611	-139.111451	
0.48408	-6.431190	-47.335447	-0.362831

-0.001874	-0.442642	-106.538612	
0.65605	-6.431190	-47.335447	-0.362831
-0.001874	-0.192098	-74.009764	
0.82803	-6.431190	-47.335447	-0.362831
-0.001874	-0.061026	-41.492449	
1.00000	-6.431190	-47.335447	-0.362831
-0.001874	-0.355033	-9.268116	
COMB DL-G2-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	1.455568	24.117531	0.658837
0.012258	1.219796	113.586054	
0.48408	1.455568	24.117531	0.658837
0.012258	0.765400	100.081193	
0.65605	1.455568	24.117531	0.658837
0.012258	0.327539	108.432312	
0.82803	1.455568	24.117531	0.658837
0.012258	0.084836	158.114817	
1.00000	1.455568	24.117531	0.658837
0.012258	0.428958	216.914720	
COMB DL-G2-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	-12.336666	-152.154974	-0.508986
-0.014235	-0.972071	-243.346504	
0.48408	-12.336666	-152.154974	-0.508986
-0.014235	-0.621373	-141.221651	
0.65605	-12.336666	-152.154974	-0.508986
-0.014235	-0.269797	-77.446481	
0.82803	-12.336666	-152.154974	-0.508986
-0.014235	-0.141346	-33.795863	
1.00000	-12.336666	-152.154974	-0.508986
-0.014235	-0.593587	-0.019841	
COMB DL-G2-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	5.942179	67.837362	0.718212
0.013151	1.328383	269.489440	
0.48408	5.942179	67.837362	0.718212
0.013151	0.833366	225.901247	
0.65605	5.942179	67.837362	0.718212
0.013151	0.355769	204.366638	
0.82803	5.942179	67.837362	0.718212
0.013151	0.089176	224.401401	
0.013151	0.454162	253.781416	
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			
COMB DL-G2-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	-11.925340	-151.871952	-0.542840
-0.013998	-1.040677	-239.994298	
0.48408	-11.925340	-151.871952	-0.542840
-0.013998	-0.666815	-138.224468	
0.65605	-11.925340	-151.871952	-0.542840
-0.013998	-0.293016	-74.919205	
0.82803	-11.925340	-151.871952	-0.542840
-0.013998	-0.159737	-32.146454	
1.00000	-11.925340	-151.871952	-0.542840
-0.013998	-0.649229	-0.018277	
COMB DB ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	9.161344	74.333354	0.502786
0.015436	0.920316	234.960323	
0.48408	9.161344	74.333354	0.502786
0.015436	0.574072	185.728706	
0.65605	9.161344	74.333354	0.502786
0.015436	0.248796	164.650415	
0.82803	9.161344	74.333354	0.502786
0.015436	0.065732	198.376081	
1.00000	9.161344	74.333354	0.502786
0.015436	0.343097	237.860668	
COMB DB ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	-13.712700	-163.756063	-0.407227
-0.015385	-0.778758	-246.661160	
0.48408	-13.712700	-163.756063	-0.407227
-0.015385	-0.498339	-140.184232	
0.65605	-13.712700	-163.756063	-0.407227
-0.015385	-0.217792	-78.064126	
0.82803	-13.712700	-163.756063	-0.407227
-0.015385	-0.121223	-38.666110	
1.00000	-13.712700	-163.756063	-0.407227
-0.015385	-0.466151	-7.548814	
COMB DL ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	8.486681	76.146937	0.718212
0.013975	1.328383	272.200157	
0.48408	8.486681	76.146937	0.718212
0.013975	0.833366	225.901247	
0.65605	8.486681	76.146937	0.718212
0.013975	0.355769	204.366638	
0.82803	8.486681	76.146937	0.718212
0.013975	0.089176	224.401401	
1.00000	8.486681	76.146937	0.718212
0.013975	0.454162	254.341282	
COMB DL ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	-12.336666	-152.154974	-0.542840
-0.014235	-1.040677	-243.346504	
0.48408	-12.336666	-152.154974	-0.542840
-0.014235	-0.666815	-141.221651	
0.65605	-12.336666	-152.154974	-0.542840
-0.014235	-0.293016	-77.446481	
0.82803	-12.336666	-152.154974	-0.542840
-0.014235	-0.141346	-33.795863	
1.00000	-12.336666	-152.154974	-0.542840
-0.014235	-0.593587	-0.019841	
COMB CAR ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.31210	9.161344	76.146937	0.718212
0.015436	1.328383	272.200157	
0.48408	9.161344	76.146937	0.718212
0.015436	0.833366	225.901247	
0.65605	9.161344	76.146937	0.718212
0.015436	0.355769	204.366638	
0.82803	9.161344	76.146937	0.718212
0.015436	0.089176	224.401401	
1.00000	9.161344	76.146937	0.718212
0.015436	0.454162	254.341282	

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	0.065757	7.000820	0.367763
0.000677	0.707919	20.027990	
0.48404	0.565757	7.000820	0.367763
0.000677	0.454468	15.227699	
0.65602	0.565757	7.000820	0.367763
0.000677	0.199783	10.461478	
0.82801	0.065757	7.000820	0.367763
0.000677	0.050671	5.751015	
1.00000	0.565757	7.000820	0.367763
0.000677	0.276421	1.466726	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	-6.435481	-51.760851	-0.327381
-0.001271	-6.625744	-151.377057	
0.48404	-6.435481	-51.760851	-0.327381
-0.001271	-0.400180	-115.742417	
0.65602	-6.435481	-51.760851	-0.327381
-0.001271	-0.174594	-80.146875	
0.82801	-6.435481	-51.760851	-0.327381
-0.001271	-0.050599	-44.593235	
1.00000	-6.435481	-51.760851	-0.327381
-0.001271	-0.303568	-9.383531	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	1.254729	18.370288	0.550330
0.012794	0.012309	97.990221	
0.48404	1.254729	18.370288	0.550330
0.012794	0.633112	88.335948	
0.65602	1.254729	18.370288	0.550330
0.012794	0.270714	100.623317	
0.82801	1.254729	18.370288	0.550330
0.012794	0.079171	154.12513	
1.00000	1.254729	18.370288	0.550330
0.012794	0.387140	217.564789	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	-12.440615	-157.353465	-0.455909
-0.013516	-0.871940	-257.150855	
0.48404	-12.440615	-157.353465	-0.455909
-0.013516	-0.559456	-151.426440	
0.65602	-12.440615	-157.353465	-0.455909
-0.013516	-0.247691	-84.251646	
0.82801	-12.440615	-157.353465	-0.455909
-0.013516	-0.124557	-36.852270	
1.00000	-12.440615	-157.353465	-0.455909
-0.013516	-0.503214	-0.013339	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	5.714982	65.063033	0.643004
0.013319	1.188869	262.486075	
0.48404	5.714982	65.063033	0.643004
0.013319	0.745398	220.965128	
0.65602	5.714982	65.063033	0.643004
0.013319	0.318841	201.601492	
0.82801	5.714982	65.063033	0.643004
0.013319	0.083921	223.733011	
1.00000	5.714982	65.063033	0.643004
0.013319	0.447039	255.748315	
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	-11.967948	-153.529663	-0.538663
-0.013601	-1.040155	-244.250424	
0.48404	-11.967948	-153.529663	-0.538663
-0.013601	-0.669619	-141.529591	
0.65602	-11.967948	-153.529663	-0.538663
-0.013601	-0.301859	-77.601261	
0.82801	-11.967948	-153.529663	-0.538663
-0.013601	-0.141979	-33.832798	
1.00000	-11.967948	-153.529663	-0.538663
-0.013601	-0.581137	-0.012502	

COMB DB ----- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	8.959179	77.014767	0.439214
0.015296	0.799652	243.459180	
0.48404	8.959179	77.014767	0.439214
0.015296	0.497138	192.377228	
0.65602	8.959179	77.014767	0.439214
0.015296	0.215921	165.005235	
0.82801	8.959179	77.014767	0.439214
0.015296	0.066736	197.232307	
1.00000	8.959179	77.014767	0.439214
0.015296	0.337153	239.726102	

COMB DB ----- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	-13.645739	-166.704899	-0.401967
-0.015156	-0.770782	-254.157024	
0.48404	-13.645739	-166.704899	-0.401967
-0.015156	-0.493825	-145.949638	
0.65602	-13.645739	-166.704899	-0.401967
-0.015156	-0.216888	-81.964769	
0.82801	-13.645739	-166.704899	-0.401967
-0.015156	-0.109594	-40.459661	
1.00000	-13.645739	-166.704899	-0.401967
-0.015156	-0.411985	-7.549666	

COMB DL ----- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	8.822684	80.981142	0.643004
0.013690	1.188869	281.570179	
0.48404	8.822684	80.981142	0.643004
0.013690	0.745398	228.773093	
0.65602	8.822684	80.981142	0.643004
0.013690	0.318841	201.601492	
0.82801	8.822684	80.981142	0.643004
0.013690	0.083921	223.733011	
1.00000	8.822684	80.981142	0.643004
0.013690	0.447039	255.748315	

COMB DL ----- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	-12.440615	-157.353465	-0.538663
-0.013601	-1.040155	-257.150855	
0.48404	-12.440615	-157.353465	-0.538663
-0.013601	-0.669619	-151.426440	
0.65602	-12.440615	-157.353465	-0.538663

-0.013601	-0.301859	-84.251646	
0.82801	-12.440615	-157.353465	-0.538663
-0.013601	-0.141979	-44.593235	
0.00000	-12.440615	-157.353465	-0.538663
-0.013601	-0.581137	-9.383531	

COMB CAR ----- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	8.959179	80.981142	0.643004
0.015296	1.188869	281.570179	
0.48404	8.959179	80.981142	0.643004
0.015296	0.745398	228.773093	
0.65602	8.959179	80.981142	0.643004
0.015296	0.318841	201.601492	
0.82801	8.959179	80.981142	0.643004
0.015296	0.083921	223.733011	
1.00000	8.959179	80.981142	0.643004
0.015296	0.447039	255.748315	
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	-13.645739	-166.704899	-0.538663
-0.015156	-1.040155	-257.150855	
0.48404	-13.645739	-166.704899	-0.538663
-0.015156	-0.669619	-151.426440	
0.65602	-13.645739	-166.704899	-0.538663
-0.015156	-0.301859	-84.251646	
0.82801	-13.645739	-166.704899	-0.538663
-0.015156	-0.141979	-44.593235	
1.00000	-13.645739	-166.704899	-0.538663
-0.015156	-0.581137	-9.383531	

COMB DESIGN ----- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	8.959179	80.981142	0.643004
0.015296	1.188869	281.570179	
0.48404	8.959179	80.981142	0.643004
0.015296	0.745398	228.773093	
0.65602	8.959179	80.981142	0.643004
0.015296	0.318841	201.601492	
0.82801	8.959179	80.981142	0.643004
0.015296	0.083921	223.733011	
1.00000	8.959179	80.981142	0.643004
0.015296	0.447039	255.748315	

COMB DESIGN ----- MIN

REL_DIST	P	V2	V3
T	M2	M3	
0.31205	-13.645739	-166.704899	-0.538663
-0.015156	-1.040155	-257.150855	
0.48404	-13.645739	-166.704899	-0.538663
-0.015156	-0.669619	-151.426440	
0.65602	-13.645739	-166.704899	-0.538663
-0.015156	-0.301859	-84.251646	
0.82801	-13.645739	-166.704899	-0.538663
-0.015156	-0.141979	-44.593235	
1.00000	-13.645739	-166.704899	-0.538663
-0.015156	-0.581137	-9.383531	

ELEM 122 ----- LENGTH = 4.004797

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

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.656562	48.204779	0.177915
0.001214	0.150629	0.988275	
0.17197	6.656562	48.204779	0.177915
0.001214	0.027997	3.467627	
0.34394	6.656562	48.204779	0.177915
0.001214	0.077799	6.709180	
0.51591	6.656562	48.204779	0.177915
0.001214	0.178398	10.000286	
0.68787	6.656562	48.204779	0.177915
0.001214	0.278828	13.312513	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.653019	-4.818210	-0.145823
-0.000725	-0.122922	-5.499013	
0.17197	-0.653019	-4.818210	-0.145823
-0.000725	-0.022432	-38.620773	
0.34394	-0.653019	-4.818210	-0.145823
-0.000725	-0.094442	-71.744022	
0.51591	-0.653019	-4.818210	-0.145823
-0.000725	-0.216961	-104.892109	
0.68787	-0.653019	-4.818210	-0.145823
-0.000725	-0.339486	-138.078004	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	13.324085	167.280750	0.246297
0.014612	0.216297	210.839657	
0.17197	13.324085	167.280750	0.246297
0.014612	0.046707	135.054527	
0.34394	13.324085	167.280750	0.246297
0.014612	0.110764	69.287848	
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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	V2	V3
T	M2	M3	
0.51591	13.324085	167.280750	0.246297
0.014612	0.255314	54.283957	
0.68787	13.324085	167.280750	0.246297
0.014612	0.399866	62.621242	

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

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.235631	-15.045599	-0.209877
-0.014010	-0.217326	0.000000	
0.17197	-1.373691	-15.045599	-0.209877
-0.014010	-0.074639	-34.761899	
0.34394	-1.373691	-15.045599	-0.209877
-0.014010	-0.141982	-80.105679	
0.51591	-1.373691	-15.045599	-0.209877
-0.014010	-0.296498	-144.633937	
0.68787	-1.373691	-15.045599	-0.209877
-0.014010	-0.462166	-253.648526	

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

REL_DIST	M2	M3	V2	V3
0.00000	12.936069	164.441360	0.39188	
0.015092	0.334750	239.394579		
0.17197	12.936069	164.441360	0.39188	
0.015092	0.065280	194.836421		
0.34394	12.936069	164.441360	0.39188	
0.015092	0.188730	158.733826		
0.51591	12.936069	164.441360	0.39188	
0.015092	0.433726	174.524612		
0.68787	12.936069	164.441360	0.39188	

0.31214 8.537366 81.432893 0.590513
0.013616 1.093916 282.698773 0.590513
0.48411 8.537366 81.432893 0.590513
0.013616 0.697367 229.664549 0.590513
0.65607 8.537366 81.432893 0.590513
0.013616 0.304110 200.342272 0.590513
0.82804 8.537366 81.432893 0.590513
0.013616 0.087134 223.282736 0.590513
1.00000 8.537366 81.432893 0.590513
0.013616 0.489982 256.001430 0.590513

COMB DL ----- MIN

REL_DIST M2 P V2 V3
0.31214 -12.419161 -157.639698 -0.589242
-0.013719 -1.138146 -257.864960 -0.589242
0.48411 -12.419161 -157.639698 -0.589242
-0.013719 -0.735583 -152.008538 -0.589242
0.65607 -12.419161 -157.639698 -0.589242
0.013719 -0.342363 -84.740265 -0.589242
0.82804 -12.419161 -157.639698 -0.589242
-0.013719 -0.131016 -44.920904 -0.589242
1.00000 -12.419161 -157.639698 -0.589242
-0.013719 -0.532379 -9.554239 -0.589242

COMB CAR ----- MAX

REL_DIST M2 P V2 V3
T M2 M3
0.31214 9.015409 81.432893 0.590513
0.015133 1.093916 282.698773 0.590513
0.48411 9.015409 81.432893 0.590513
0.015133 0.697367 229.664549 0.590513
0.65607 9.015409 81.432893 0.590513
0.015133 0.304110 200.342272 0.590513
0.82804 9.015409 81.432893 0.590513
0.015133 0.087134 223.282736 0.590513
1.00000 9.015409 81.432893 0.590513
0.015133 0.489982 256.001430 0.590513
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL_DIST M2 P V2 V3
T M2 M3
0.31214 -13.581361 -166.807401 -0.589242
-0.015268 -1.138146 -257.864960 -0.589242
0.48411 -13.581361 -166.807401 -0.589242
-0.015268 -0.735583 -152.008538 -0.589242
0.65607 -13.581361 -166.807401 -0.589242
-0.015268 -0.342363 -84.740265 -0.589242
0.82804 -13.581361 -166.807401 -0.589242
-0.015268 -0.131016 -44.920904 -0.589242
1.00000 -13.581361 -166.807401 -0.589242
-0.015268 -0.532379 -9.554239 -0.589242

COMB DESIGN ----- MAX

REL_DIST M2 P V2 V3
0.31214 9.015409 81.432893 0.590513
0.015133 1.093916 282.698773 0.590513
0.48411 9.015409 81.432893 0.590513
0.015133 0.697367 229.664549 0.590513
0.65607 9.015409 81.432893 0.590513
0.015133 0.304110 200.342272 0.590513
0.82804 9.015409 81.432893 0.590513
0.015133 0.087134 223.282736 0.590513
1.00000 9.015409 81.432893 0.590513
0.015133 0.489982 256.001430 0.590513

COMB DESIGN ----- MIN

REL_DIST M2 P V2 V3
T M2 M3
0.31214 -13.581361 -166.807401 -0.589242
-0.015268 -1.138146 -257.864960 -0.589242
0.48411 -13.581361 -166.807401 -0.589242
-0.015268 -0.735583 -152.008538 -0.589242
0.65607 -13.581361 -166.807401 -0.589242
-0.015268 -0.342363 -84.740265 -0.589242
0.82804 -13.581361 -166.807401 -0.589242
-0.015268 -0.131016 -44.920904 -0.589242
1.00000 -13.581361 -166.807401 -0.589242
-0.015268 -0.532379 -9.554239 -0.589242

ELEM 124 ===== LENGTH = 4.005541

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 6.659510 48.333937 0.194734
0.000714 0.164654 0.987136 0.194734
0.17198 6.659510 48.333937 0.194734
0.000714 0.030423 2.885393 0.194734
0.34397 6.659510 48.333937 0.194734
0.000714 0.110720 5.444739 0.194734
0.51595 6.659510 48.333937 0.194734
0.000714 0.245339 8.059338 0.194734
0.68793 6.659510 48.333937 0.194734
0.000714 0.380939 10.694070 0.194734

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 -0.560256 -3.828300 -0.197565
-0.001221 -0.164473 -5.467513 -0.197565
0.17198 -0.560256 -3.828300 -0.197565
-0.001221 -0.029071 -38.691111 -0.197565
0.34397 -0.560256 -3.828300 -0.197565
-0.001221 0.103644 -71.915924 -0.197565
0.51595 -0.560256 -3.828300 -0.197565
-0.001221 -0.237794 -105.157370 -0.197565
0.68793 -0.560256 -3.828300 -0.197565
-0.001221 -0.371940 -138.439135 -0.197565

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 13.412818 167.374474 0.260861
0.013998 0.219774 211.033272 0.260861
0.17198 13.412818 167.374474 0.260861
0.013998 0.047239 134.489676 0.260861
0.34397 13.412818 167.374474 0.260861
0.013998 0.144841 67.923958 0.260861
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REL_DIST M2 P V2 V3

0.51595 13.412818 167.374474 0.260861

0.013998 0.328515 51.729486 0.260861

0.68793 13.412818 167.374474 0.260861

0.013998 0.534447 59.277413 0.260861

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 -1.221762 -13.892408 -0.299968
-0.014606 -0.294715 0.000000 -0.299968
0.17198 -1.221762 -13.892408 -0.299968
-0.014606 -0.088831 -34.784974 -0.299968
0.34397 -1.221762 -13.892408 -0.299968
-0.014606 -0.139646 -80.232898 -0.299968
0.51595 -1.221762 -13.892408 -0.299968
-0.014606 -0.319431 -144.835468 -0.299968
0.68793 -1.221762 -13.892408 -0.299968
-0.014606 -0.499134 -253.824702 -0.299968

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 12.965451 163.932082 0.377551
0.014860 0.313001 239.520746 0.377551
0.17198 12.965451 163.932082 0.377551
0.014860 0.060767 194.364817 0.377551
0.34397 12.965451 163.932082 0.377551
0.014860 0.212414 157.617272 0.377551
0.51595 12.965451 163.932082 0.377551
0.014860 0.483743 172.334727 0.377551
0.68793 12.965451 163.932082 0.377551
0.014860 0.777689 211.320984 0.377551

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 -6.210622 -59.584455 -0.427625
-0.015075 -0.403066 0.000000 -0.427625
0.17198 -6.210622 -59.584455 -0.427625
-0.015075 -0.109084 -31.562999 -0.427625
0.34397 -6.210622 -59.584455 -0.427625
-0.015075 -0.207774 -72.390477 -0.427625
0.51595 -6.210622 -59.584455 -0.427625
-0.015075 -0.467733 -133.268926 -0.427625
0.68793 -6.210622 -59.584455 -0.427625
-0.015075 -0.727710 -239.628601 -0.427625

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 0.552397 3.858747 0.229365
0.001324 0.190992 1.062507 0.229365
0.17198 0.552397 3.858747 0.229365
0.001324 0.033002 26.192059 0.229365
0.34397 0.552397 3.858747 0.229365
0.001324 0.124625 59.428060 0.229365
0.51595 0.552397 3.858747 0.229365
0.001324 0.284280 92.739363 0.229365
0.68793 0.552397 3.858747 0.229365
0.001324 0.443945 126.195960 0.229365

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 -6.880472 -48.507623 -0.231773
-0.000778 -0.194709 -7.660175 -0.231773
0.17198 -6.880472 -48.507623 -0.231773
-0.000778 -0.034958 -2.393593 -0.231773
0.34397 -6.880472 -48.507623 -0.231773
-0.000778 -0.125119 -4.698204 -0.231773
0.51595 -6.880472 -48.507623 -0.231773
-0.000778 -0.283028 -7.308868 -0.231773
0.68793 -6.880472 -48.507623 -0.231773
-0.000778 -0.441034 -9.960358 -0.231773

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 5.683005 104.906846 0.308059
0.014514 0.254135 208.455937 0.308059
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REL_DIST M2 P V2 V3
T M2 M3
0.17198 5.683005 104.906846 0.308059
0.014514 0.049434 185.091450 0.308059
0.34397 5.683005 104.906846 0.308059
0.014514 0.165060 161.844216 0.308059
0.51595 5.683005 104.906846 0.308059
0.014514 0.380989 188.925834 0.308059
0.68793 5.683005 104.906846 0.308059
0.014514 0.618244 239.748908 0.308059

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 -9.201959 -76.686288 -0.344502
-0.013843 -0.331966 -6.019301 -0.344502
0.17198 -9.201959 -76.686288 -0.344502
-0.013843 -0.094480 -1.316435 -0.344502
0.34397 -9.201959 -76.686288 -0.344502
-0.013843 -0.170785 -3.680952 -0.344502
0.51595 -9.201959 -76.686288 -0.344502
-0.013843 -0.382722 -25.257215 -0.344502
0.68793 -9.201959 -76.686288 -0.344502
-0.013843 -0.594860 -91.211574 -0.344502

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 10.645462 152.289348 0.387867
0.015337 0.322122 238.527473 0.387867
0.17198 10.645462 152.289348 0.387867
0.015337 0.062477 186.932919 0.387867
0.34397 10.645462 152.289348 0.387867
0.015337 0.215373 156.954190 0.387867
0.51595 10.645462 152.289348 0.387867
0.015337 0.495483 179.450849 0.387867
0.68793 10.645462 152.289348 0.387867
0.015337 0.797770 226.320176 0.387867

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 -8.633215 -71.243280 -0.439467
-0.015049 -0.415305 -0.018212 -0.439467
0.17198 -8.633215 -71.243280 -0.439467
-0.015049 -0.112831 -5.524034 -0.439467
0.34397 -8.633215 -71.243280 -0.439467
0.013321 0.062137 205.305158 0.433012
0.17198 5.033970 94.562002 0.433012
0.013321 0.352714 217.625251 0.433012
0.51595 5.033970 94.562002 0.433012
-0.015049 -0.479668 -92.075440 -0.439467
0.68793 -8.633215 -71.243280 -0.439467
-0.015049 -0.746785 -190.527961 -0.439467

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 6.309922 52.182308 0.289846
0.000630 0.244984 1.376100 0.289846
0.17198 6.309922 52.182308 0.289846
0.000630 0.044622 4.072627 0.289846
0.34397 6.309922 52.182308 0.289846
0.015337 6.309922 52.182308 0.289846
0.51595 6.309922 52.182308 0.289846
0.000630 0.375040 12.174025 0.289846
0.68793 6.309922 52.182308 0.289846
0.000630 0.582499 16.294964 0.289846

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 -0.535151 -6.022941 -0.301686
-0.001105 -0.250445 -7.685517 -0.301686
0.17198 -0.535151 -6.022941 -0.301686
-0.001105 -0.041875 -42.400082 -0.301686
0.34397 -0.535151 -6.022941 -0.301686
0.015337 -0.535151 -6.022941 -0.301686
0.51595 -0.535151 -6.022941 -0.301686
-0.001105 -0.353595 -114.107002 -0.301686
0.68793 -0.535151 -6.022941 -0.301686
-0.001105 -0.553333 -150.018876 -0.301686
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 12.252877 158.085776 0.406818
0.012740 0.345575 219.586726 0.406818
0.17198 12.252877 158.085776 0.406818
0.012740 0.071082 151.965735 0.406818
0.34397 12.252877 158.085776 0.406818
0.012740 0.223624 97.545887 0.406818
0.51595 12.252877 158.085776 0.406818
0.012740 0.515363 84.490192 0.406818
0.68793 12.252877 158.085776 0.406818
0.012740 0.826174 93.321567 0.406818

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 -1.270157 -17.112529 -0.452075
-0.013369 -0.422819 0.000000 -0.452075
0.17198 -1.270157 -17.112529 -0.452075
-0.013369 -0.110088 -34.351022 -0.452075
0.34397 -1.270157 -17.112529 -0.452075
-0.013369 -0.221447 -82.085134 -0.452075
0.51595 -1.270157 -17.112529 -0.452075
-0.013369 -0.497972 -149.980956 -0.452075
0.68793 -1.270157 -17.112529 -0.452075
-0.013369 -0.778217 -256.254737 -0.452075

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 11.770663 153.614488 0.566936
0.013270 0.427693 256.977437 0.566936
0.17198 11.770663 153.614488 0.566936
0.013270 0.086295 221.079325 0.566936
0.34397 11.770663 153.614488 0.566936
0.013270 0.307772 197.591552 0.566936
0.51595 11.770663 153.614488 0.566936
0.013270 0.709133 216.205144 0.566936
0.68793 11.770663 153.614488 0.566936
0.013270 1.129065 256.977437 0.566936

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 -0.568796 -63.935527 -0.610600
-0.013513 -0.557488 0.000000 -0.610600
0.17198 -0.568796 -63.935527 -0.610600
-0.013513 -0.139422 -31.279360 -0.610600
0.34397 -0.568796 -63.935527 -0.610600
-0.013513 -0.317753 -74.317104 -0.610600
0.51595 -0.568796 -63.935527 -0.610600
-0.013513 -0.704865 -138.444743 -0.610600
0.68793 -0.568796 -63.935527 -0.610600
-0.013513 -1.095585 -241.283676 -0.610600

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

REL_DIST M2 P V2 V3
T M2 M3
0.00000 0.527803 6.022144 0.307437
0.001228 0.029954 1.305114 0.307437
0.17198 0.527803 6.022144 0.307437
0.001228 0.039520 27.994157 0.307437
0.34397 0.527803 6.022144 0.307437
0.001228 0.163159 63.595623 0.307437
0.51595 0.527803 6.022144 0.307437
0.001228 0.

0.015337 0.469692 256.013554
0.17198 13.412818 167.374474
0.015337 0.086295 221.079325
0.34397 13.412818 167.374474
0.015337 0.307772 197.591552
0.51595 13.412818 167.374474
0.015337 0.709133 225.876734
0.68793 13.412818 167.374474
0.015337 1.129065 278.722684

COMB DESIGN ----- MIN

REL_DIST M2 P V2 V3

0.00000 -9.201959 -80.994651 -0.610600

-0.015075 -0.557668 -9.527128 -0.610600

0.17198 -9.201959 -80.994651 -0.610600

-0.015075 -0.140936 -42.400082 -0.610600

0.34397 -9.201959 -80.994651 -0.610600

-0.015075 -0.318664 -82.085134 -0.610600

0.51595 -9.201959 -80.994651 -0.610600

-0.015075 -0.708491 -149.980956 -0.610600

0.68793 -9.201959 -80.994651 -0.610600

-0.015075 -1.10662 -256.254737 -0.610600

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FRAME ELEMENT INTERNAL FORCES

ELEM 125 ----- LENGTH = 4.004362

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

REL_DIST M2 P V2 V3

0.31216 6.783609 45.679161 0.216762

0.000370 4.515365 120.456171 0.216762

0.48412 6.783609 45.679161 0.216762

0.000370 0.260105 89.010536 0.216762

0.65608 6.783609 45.679161 0.216762

0.000370 0.116838 57.590832 0.216762

0.82804 6.783609 45.679161 0.216762

0.000370 0.037031 26.299689 0.216762

1.00000 6.783609 45.679161 0.216762

0.000370 0.223999 0.984670 0.216762

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

REL_DIST M2 P V2 V3

0.31216 -0.721245 -7.556220 -0.271977

-0.001700 -0.525386 -20.815193 -0.271977

0.48412 -0.721245 -7.556220 -0.271977

-0.001700 -0.338182 -15.620182 -0.271977

0.65608 -0.721245 -7.556220 -0.271977

-0.001700 -0.150984 -10.459528 -0.271977

0.82804 -0.721245 -7.556220 -0.271977

-0.001700 -0.029292 -5.593522 -0.271977

1.00000 -0.721245 -7.556220 -0.271977

-0.001700 -0.181668 -5.520359 -0.271977

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

REL_DIST M2 P V2 V3

0.31216 9.053247 73.659234 0.295895

0.013370 5.66469 234.049038 0.295895

0.48412 9.053247 73.659234 0.295895

0.013370 0.362700 185.311326 0.295895

0.65608 9.053247 73.659234 0.295895

0.013370 0.158959 160.166617 0.295895

0.82804 9.053247 73.659234 0.295895

0.013370 0.061084 185.470224 0.295895

1.00000 9.053247 73.659234 0.295895

0.013370 0.339123 210.988564 0.295895

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

REL_DIST M2 P V2 V3

0.31216 -5.934876 -109.124108 -0.405206

-0.014910 -0.778116 -102.925064 -0.405206

0.48412 -5.934876 -109.124108 -0.405206

-0.014910 -0.503608 -34.388767 -0.405206

0.65608 -5.934876 -109.124108 -0.405206

-0.014910 -0.238293 -10.065649 -0.405206

0.82804 -5.934876 -109.124108 -0.405206

-0.014910 -0.080556 -4.659659 -0.405206

1.00000 -5.934876 -109.124108 -0.405206

-0.014910 -0.266614 -0.000736 -0.405206

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

REL_DIST M2 P V2 V3

0.31216 8.595103 70.730737 0.374708

0.014944 0.718276 228.415532 0.374708

0.48412 8.595103 70.730737 0.374708

0.014944 0.460238 181.816655 0.374708

0.65608 8.595103 70.730737 0.374708

0.014944 0.202287 159.415663 0.374708

0.82804 8.595103 70.730737 0.374708

0.014944 0.077307 189.059804 0.374708

1.00000 8.595103 70.730737 0.374708

0.014944 0.426574 239.429341 0.374708

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

REL_DIST M2 P V2 V3

0.31216 -11.020104 -154.015069 -0.508397

-0.015426 -0.974843 -196.666752 -0.508397

0.48412 -11.020104 -154.015069 -0.508397

-0.015426 -0.629349 -97.371102 -0.508397

0.65608 -11.020104 -154.015069 -0.508397

-0.015426 -0.293235 -43.262743 -0.508397

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FRAME ELEMENT INTERNAL FORCES

REL_DIST M2 P M3 V2 V3

0.82804 -11.020104 -154.015069 -0.508397

-0.015426 -0.092542 -8.472723 -0.508397

1.00000 -11.020104 -154.015069 -0.508397

-0.015426 -0.332297 -0.004950 -0.508397

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

REL_DIST M2 P M3 V2 V3

0.31216 0.732215 7.457545 0.182060

0.001729 0.354384 21.048196 0.182060

0.48412 0.732215 7.457545 0.182060

0.001729 0.229019 15.918946 0.182060

0.65608 0.732215 7.457545 0.182060

0.001729 0.103898 10.818536 0.182060

0.82804 0.732215 7.457545 0.182060

0.001729 0.032466 5.767385 0.182060

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

REL_DIST M2 P M3 V2 V3

0.31216 -5.193286 -98.405009 -0.576040

-0.013791 -1.18648 -94.304546 -0.576040

0.48412 -5.193286 -98.405009 -0.576040

-0.013791 -0.724417 -39.214036 -0.576040

0.65608 -5.193286 -98.405009 -0.576040

-0.013791 -0.338390 -12.612905 -0.576040

0.82804 -5.193286 -98.405009 -0.576040

-0.013791 -0.109907 -5.767349 -0.576040

1.00000 -5.193286 -98.405009 -0.576040

-0.013791 -0.435098 -0.000633 -0.576040

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

REL_DIST M2 P M3 V2 V3

0.31216 8.549518 75.665790 0.471846

0.012284 0.896018 266.694971 0.471846

0.48412 8.549518 75.665790 0.471846

0.012284 0.573599 217.549664 0.471846

0.65608 8.549518 75.665790 0.471846

0.012284 0.251106 190.239249 0.471846

0.82804 8.549518 75.665790 0.471846

0.012284 0.081193 204.122563 0.471846

1.00000 8.549518 75.665790 0.471846

0.012284 0.476880 218.937640 0.471846

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

REL_DIST M2 P M3 V2 V3

0.31216 -5.193286 -98.405009 -0.576040

-0.013791 -1.18648 -94.304546 -0.576040

0.48412 -5.193286 -98.405009 -0.576040

-0.013791 -0.724417 -39.214036 -0.576040

0.65608 -5.193286 -98.405009 -0.576040

-0.013791 -0.338390 -12.612905 -0.576040

0.82804 -5.193286 -98.405009 -0.576040

-0.013791 -0.109907 -5.767349 -0.576040

1.00000 -5.193286 -98.405009 -0.576040

-0.013791 -0.435098 -0.000633 -0.576040

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

REL_DIST M2 P M3 V2 V3

0.31216 8.549518 75.665790 0.471846

0.012284 0.896018 266.694971 0.471846

0.48412 8.549518 75.665790 0.471846

0.012284 0.573599 217.549664 0.471846

0.65608 8.549518 75.665790 0.471846

0.012284 0.251106 190.239249 0.471846

0.82804 8.549518 75.665790 0.471846

0.012284 0.081193 204.122563 0.471846

1.00000 8.549518 75.665790 0.471846

0.012284 0.476880 218.937640 0.471846

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

REL_DIST M2 P M3 V2 V3

0.31216 -5.193286 -98.405009 -0.576040

-0.013791 -1.18648 -94.304546 -0.576040

0.48412 -5.193286 -98.405009 -0.576040

-0.013791 -0.724417 -39.214036 -0.576040

0.65608 -5.193286 -98.405009 -0.576040

-0.013791 -0.338390 -12.612905 -0.576040

0.82804 -5.193286 -98.405009 -0.576040

-0.013791 -0.109907 -5.767349 -0.576040

1.00000 -5.193286 -98.405009 -0.576040

-0.013791 -0.435098 -0.000633 -0.576040

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

REL_DIST M2 P M3 V2 V3

0.31216 8.549518 75.665790 0.471846

0.012284 0.896018 266.694971 0.471846

0.48412 8.549518 75.665790 0.471846

0.012284 0.573599 217.549664 0.471846

0.65608 8.549518 75.665790 0.471846

0.012284 0.251106 190.239249 0.471846

0.82804 8.549518 75.665790 0.471846

0.012284 0.081193 204.122563 0.471846

1.00000 8.549518 75.665790 0.471846

0.012284 0.476880 218.937640 0.471846

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

REL_DIST M2 P M3 V2 V3

0.31216 -5.193286 -98.405009 -0.576040

-0.013791 -1.18648 -94.304546 -0.576040

0.48412 -5.193286 -98.405009 -0.576040

-0.013791 -0.724417 -39.214036 -0.576040

0.65608 -5.193286 -98.405009 -0.576040

-0.013791 -0.338390 -12.612905 -0.576040

0.82804 -5.193286 -98.405009 -0.576040

-0.013791 -0.109907 -5.767349 -0.576040

1.00000 -5.193286 -98.405009 -0.576040

-0.013791 -0.435098 -0.000633 -0.576040

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

REL_DIST M2 P M3 V2 V3

0.31216 8.549518 75.665790 0.471846

T		M2	M3		0.299038
0.013407	0.252006	13.412749	163.749387		
0.17198	0.134127	1219.644611			0.299038
0.013407	0.477594	163.749387			0.299038
0.34396	0.049933	137.412701			0.299038
0.013407	0.210400	73.863295			0.299038
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					
REL_DIST	M2	M3	V2	V3	
T					
0.51594	13.412749	163.749387			0.299038
0.013407	0.477594	61.214980			0.299038
0.68792	13.412749	163.749387			0.299038
0.013407	0.765444	71.763319			
COMB DB-G1-2 ----- MIN					
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-1.448425	-18.249006			-0.418036
-0.015194	-0.388541	-0.000733			
0.17198	-1.448425	-18.249006			-0.418036
-0.015194	-0.103770	-32.424637			
0.34396	-1.448425	-18.249006			-0.418036
-0.015194	-0.158922	-75.392323			
0.51594	-1.448425	-18.249006			-0.418036
-0.015194	-0.365809	-137.579645			
0.68792	-1.448425	-18.249006			-0.418036
-0.015194	-0.571892	-244.227232			
COMB DB-G1-3 ----- MAX					
REL_DIST	M2	M3	V2	V3	
T					
0.00000	13.054073	162.909361			0.385756
0.014647	0.319357	239.115603			
0.17198	13.054073	162.909361			0.385756
0.014647	0.058228	195.674752			
0.34396	13.054073	162.909361			0.385756
0.014647	0.264670	160.398691			
0.51594	13.054073	162.909361			0.385756
0.014647	0.602626	177.156973			
0.68792	13.054073	162.909361			0.385756
0.014647	0.961606	217.618841			
COMB DB-G1-3 ----- MIN					
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-6.480897	-61.737352			-0.521298
-0.015243	-0.477675	-0.003857			
0.17198	-6.480897	-61.737352			-0.521298
-0.015243	-0.120556	-29.835123			
0.34396	-6.480897	-61.737352			-0.521298
-0.015243	-0.212274	-70.155221			
0.51594	-6.480897	-61.737352			-0.521298
-0.015243	-0.477918	-130.462112			
0.68792	-6.480897	-61.737352			-0.521298
-0.015243	-0.743736	-236.302961			
COMB DB-G2-1 ----- MAX					
REL_DIST	M2	M3	V2	V3	
T					
0.00000	0.727053	7.513130			0.192778
0.001857	0.160127	1.060798			
0.17198	0.727053	7.513130			0.192778
0.001857	0.027447	24.190380			
0.34396	0.727053	7.513130			0.192778
0.001857	0.115318	55.320360			
0.51594	0.727053	7.513130			0.192778
0.001857	0.262241	86.589169			
0.68792	0.727053	7.513130			0.192778
0.001857	0.409176	117.884464			
COMB DB-G2-1 ----- MIN					
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-6.941049	-45.445034			-0.213309
-0.000289	-0.178579	-7.554712			
0.17198	-6.941049	-45.445034			-0.213309
-0.000289	-0.031491	-4.979121			
0.34396	-6.941049	-45.445034			-0.213309
-0.000289	-0.105728	-9.804487			
0.51594	-6.941049	-45.445034			-0.213309
-0.000289	-0.238463	-14.924519			
0.68792	-6.941049	-45.445034			-0.213309
-0.000289	-0.371198	-20.092524			
COMB DB-G2-2 ----- MAX					
REL_DIST	M2	M3	V2	V3	
T					
0.00000	5.816007	109.216656			0.269328
0.015090	0.221366	208.242130			
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					
REL_DIST	M2	M3	V2	V3	
T					
0.17198	5.816007	109.216656			0.269328
0.015090	0.040325	182.437678			
0.34396	5.816007	109.216656			0.269328
0.015090	0.169284	156.744735			
0.51594	5.816007	109.216656			0.269328
0.015090	0.392140	181.916920			
0.68792	5.816007	109.216656			0.269328
0.015090	0.635112	230.283454			
COMB DB-G2-2 ----- MIN					
REL_DIST	M2	M3	V2	V3	
T					
0.00000	-9.311544	-73.127180			-0.352864
-0.013238	-0.337872	-0.030121			
0.17198	-9.311544	-73.127180			-0.352864
-0.013238	-0.095045	-3.849076			
0.34396	-9.311544	-73.127180			-0.352864
-0.013238	-0.149885	-9.209901			
0.51594	-9.311544	-73.127180			-0.352864
-0.013238	-0.335160	-33.826042			
0.68792	-9.311544	-73.127180			-0.352864
-0.013238	-0.520685	-102.910088			
COMB DB-G2-3 ----- MAX					
REL_DIST	M2	M3	V2	V3	
T					
0.00000	10.758901	154.365193			0.373617
0.015568	0.309809	238.182829			
0.17198	10.758901	154.365193			0.373617
0.015568	0.056878	186.122839			
0.34396	10.758901	154.365193			0.373617
0.015568	0.250739	156.052169			

REL_DIST	P	V2	V3	0.012040	0.104435	194.421379	0.545863	-0.013284	-0.420503	-65.093126	2.29E-05	0.610391	36.163967						
0.82802	-10.923501	-156.031071	-0.580687	1.00000	7.826237	65.259865		0.82802	-11.414386	-145.696483	-0.730759								
-0.015502	-0.088803	-10.274190		0.012040	0.591748	217.213089		-0.013284	-0.116540	-26.810735	-0.730759	COMB DB-G1-1	----- MIN						
1.00000	-10.923501	-156.031071	-0.580687	COMB DL-G1-2	-----	MIN		-0.013284	1.00000	-145.696483		REL_DIST	P	V2	V3				
-0.015502	-0.326526	-0.008433		REL_DIST	M2	M3	V2	V3	COMB	DB	-----	MAX							
COMB DB-G2-1	-----	MAX		0.31209	-5.386702	-10.958314	-0.710725	REL_DIST	M2	P	M3	V2	V3						
REL_DIST	P	V2	V3	-0.014374	-1.786077	-129.864169		0.31209	8.764779	66.930052	0.382463	0.00000	-0.900423	-13.292405	-0.314629				
T	M2	M3		0.48407	-5.386702	-10.958314	-0.710725	0.015810	0.734977	225.129199		-0.002187	-0.256699	-5.637363	-0.314629				
0.31209	0.916039	13.205666	0.144022	0.65605	-5.386702	-10.958314	-0.710725	0.48407	8.764779	66.930052	0.382463	0.11798	-0.900423	-13.292405	-0.314629				
0.002203	0.281798	36.786853		-0.014374	-0.403992	-24.562127		0.015810	0.471542	183.079428		-0.002187	-0.132999	-58.225165	-0.314629				
0.48407	0.916039	13.205666	0.144022	0.82802	-5.386702	-10.958314	-0.710725	0.65605	8.764779	66.930052	0.382463	0.51593	-0.900423	-13.292405	-0.314629				
0.002203	0.182596	27.694908		-0.014374	-0.117580	-11.365341		0.015810	0.208010	164.808703		-0.002187	-0.304702	-84.575304	-0.314629				
0.65605	0.916039	13.205666	0.144022	1.00000	-5.386702	-10.958314	-0.710725	0.82802	8.764779	66.930052	0.382463	0.68791	-0.900423	-13.292405	-0.314629				
0.002203	0.083376	18.630053		-0.014374	-0.488706	-0.001056		0.015810	0.089632	198.489753		-0.002187	-0.476396	-110.965427					
0.82802	0.916039	13.205666	0.144022	COMB DL-G1-3	-----	MAX		1.00000	8.764779	66.930052	0.382463	COMB DB-G1-2	-----	MAX					
0.002203	0.026829	9.609456		REL_DIST	P	V2	V3	COMB	DB	-----	MIN	REL_DIST	M2	P	M3	V2	V3		
1.00000	0.916039	13.205666	0.144022	T	M2	M3		REL_DIST	M2	P	M3	V2	V3						
0.002203	0.157009	1.084141		0.31209	7.629342	69.132997	0.618758	0.31209	8.764779	66.930052	0.382463	0.00000	13.170577	155.528008	0.342787				
COMB DB-G2-1	-----	MIN		0.013674	1.183000	254.633346		REL_DIST	M2	P	M3	V2	V3	0.013028	0.288823	209.172505			
REL_DIST	P	V2	V3	0.48407	7.629342	69.132997	0.618758	T	M2	P	M3	V2	V3	0.17198	13.170577	155.528008	0.342787		
0.31209	-6.612818	-38.167371	-0.188776	0.013674	0.757625	210.390756	0.618758	0.31209	-13.320596	-158.796536	-0.580687	0.00000	-0.900423	-13.292405	-0.314629				
-0.000210	-0.363131	-112.069650		0.013674	0.65605	10.932997	0.618758	-0.015502	-1.16109	-226.921593		0.013028	0.055065	141.430617					
0.48407	-6.612818	-38.167371	-0.188776	0.013674	0.331749	188.526704	0.618758	0.48407	-0.719632	-123.797350	-0.580687	0.34395	-0.900423	-13.292405	-0.314629				
-0.000210	-0.233105	-85.791297		0.82802	7.629342	69.132997	0.618758	0.65605	-13.320596	-158.796536	-0.580687	0.013028	0.259206	82.652696					
0.65605	-6.612818	-38.167371	-0.188776	0.013674	0.118263	210.586294	0.618758	-0.015502	-0.329552	-66.156537		File:2교부산방향S1-S403.OUT	Version	7.42					
-0.000210	-0.103075	-59.551378		1.00000	7.629342	69.132997	0.618758	0.82802	-13.320596	-158.796536	-0.580687	<	MOVING	Page	LOAD	>			
0.82802	-6.612818	-38.167371	-0.188776	0.013674	0.678254	253.373952		-0.015502	-0.088803	-33.346325	-0.580687	808							
-0.000210	-0.015983	-33.346325		Program	SAP2000	Nonlinear	Version 7.42	-0.015502	-0.326526	-0.7274026		FRAME ELEMENT INTERNAL FORCES							
1.00000	-6.612818	-38.167371	-0.188776	<	MOVING	Page	LOAD	>	COMB	DL	-----	MAX	REL_DIST	M2	P	M3	V2	V3	
-0.000210	-0.115016	-7.274026		COMB DL-G1-2	-----	MIN		REL_DIST	M2	P	M3	V2	V3	0.51593	13.170577	155.528008	0.342787		
COMB DB-G2-2	-----	MAX		REL_DIST	P	V2	V3	0.31209	7.626237	69.132997	0.618758	0.013028	0.590131	75.139279					
REL_DIST	P	V2	V3	0.48407	7.626237	69.132997	0.618758	0.014977	1.183000	268.401212		0.68791	13.170577	155.528008	0.342787				
0.31209	1.648242	25.149452	0.211407	0.48407	0.757625	224.704499	0.618758	0.48407	8.764779	66.930052	0.382463	0.013028	0.939134	90.450286					
0.015810	0.618242	25.149452	0.211407	0.65605	7.626237	69.132997	0.618758	0.014977	-0.015502	-0.329552	-66.156537	COMB DB-G1-2	-----	MIN					
0.65605	1.648242	25.149452	0.211407	0.82802	7.626237	69.132997	0.618758	0.82802	-13.320596	-158.796536	-0.580687	REL_DIST	M2	P	M3	V2	V3		
0.015810	0.118908	84.061270	0.211407	0.014977	0.18263	223.071162	0.618758	0.014977	0.18263	223.071162	0.618758	0.00000	-1.621403	-25.126594	-0.507638				
0.82802	1.648242	25.149452	0.211407	1.00000	7.626237	69.132997	0.618758	0.014977	0.678254	253.373952		-0.015749	-0.459821	-0.001169					
0.015810	0.054599	142.791849	0.211407	COMB	DL	-----	MIN	REL_DIST	M2	P	M3	V2	V3	-1.621403	-25.126594	-0.507638			
1.00000	1.648242	25.149452	0.211407	0.31209	-9.529278	-144.689698	-0.817117	0.31209	-11.644246	-145.696483	-0.817117	0.17198	-1.621403	-25.126594	-0.507638				
0.015810	0.276454	207.631031		0.48407	-1.582519	-201.710044	-0.817117	0.48407	-1.582519	-221.970763	-0.817117	0.34395	-1.621403	-25.126594	-0.507638				
COMB DB-G2-2	-----	MIN		0.48407	-9.529278	-144.689698	-0.817117	0.65605	-13.320596	-158.796536	-0.580687	0.015749	-0.182367	-64.629796	-0.507638				
REL_DIST	P	V2	V3	0.014260	-0.129108	-11.843426	-0.817117	0.014977	0.678254	253.373952		0.51593	-1.621403	-25.126594	-0.507638				
0.31209	-13.320596	-155.159921	-0.322054	1.00000	-9.529278	-144.689698	-0.817117	0.014260	-0.550509	-0.007034		0.68791	-1.621403	-25.126594	-0.507638				
-0.013132	-0.615483	-223.368805		COMB DL-G2-1	-----	MAX		COMB DL-G2-1	-----	MAX		-0.015749	-0.655573	-222.962352					
0.48407	-13.320596	-155.159921	-0.322054	REL_DIST	M2	P	V2	V3	REL_DIST	M2	P	M3	V2	V3					
-0.013132	-0.397031	-122.531732		0.31209	0.873771	17.452730	0.199165	0.31209	8.764779	69.132997	0.618758	0.00000	12.970797	159.020645	0.397088				
0.65605	-13.320596	-155.159921	-0.322054	0.002381	0.386015	48.118420	0.199165	0.48407	0.757625	224.704499	0.618758	0.014574	0.327678	327.363543	0.397088				
-0.013132	-0.164846	-66.105132		0.48407	0.873771	17.452730	0.199165	0.002381	0.26237	69.132997	0.618758	0.17198	12.970797	159.020645	0.397088				
0.82802	-13.320596	-155.159921	-0.322054	0.002381	0.248893	36.133792	0.199165	0.48407	0.757625	224.704499	0.618758	0.014574	0.057835	196.137992	0.397088				
-0.013132	-0.059565	-28.911660		0.65605	0.873771	17.452730	0.199165	0.002381	0.111233	24.811123	0.199165	0.34395	12.970797	159.020645	0.397088				
1.00000	-13.320596	-155.159921	-0.322054	0.002381	0.873771	17.452730	0.199165	0.002381	0.036934	12.336385	0.199165	0.17198	0.299755	162.267313	0.397088				
-0.013132	-0.179813	-0.049393		1.00000	0.873771	17.452730	0.199165	0.002381	0.036934	12.336385	0.199165	0.51593	12.970797	159.020645	0.397088				
COMB DB-G2-3	-----	MAX		0.002381	0.213979	1.467778		REL_DIST	M2	P	M3	V2	V3	0.014574	0.684115	180.813828	0.397088		
REL_DIST	P	V2	V3	COMB DL-G2-1	-----	MIN		0.31209	8.764779	69.132997	0.618758	0.014574	12.970797	159.020645	0.397088				
0.31209	6.380980	64.058763	0.342815	REL_DIST	M2	P	V2	V3	0.015810	1.183000	268.401212	0.618758	0.68791	12.970797	159.020645	0.397088			
0.015796	0.661839	225.129199		0.48407	0.757625	224.704499	0.618758	0.015810	0.757625	224.704499	0.618758	COMB DB-G1-3	-----	MIN					
0.48407	0.425712	183.079428	0.342815	0.65605	7.626237	69.132997	0.618758	0.015810	0.65605	10.932997	0.618758	REL_DIST	M2	P	M3	V2	V3		
0.65605	6.380980	64.058763	0.342815	0.82802	7.626237	69.132997	0.618758	0.82802	8.764779	66.930052	0.382463	0.00000	-6.429024	-63.841429	-0.585799				
0.015796	0.189472	164.808703	0.342815	0.015810	0.18263	223.071162	0.618758	0.015810	0.18263	223.071162	0.618758	-0.015749	-0.257330	-0.007285					
0.82802	6.380980	64.058763	0.342815	1.00000	7.626237	69.132997	0.618758	0.015810	0.678254	253.373952		-0.015749	-0.125882	-26.466110	-0.585799				
0.015796	0.079848	198.489753	0.342815	COMB	CAR	-----	MAX	0.015810	0.331749	203.030541	0.618758	0.34395	-6.429024	-63.841429	-0.585799				
1.00000	6.380980	64.058763	0.342815	0.82802	8.764779	66.930052	0.382463	0.82802	8.764779	66.930052	0.382463	0.015749	-0.219784	-64.157715	-0.585799				
0.015796	0.442296	236.975368		0.015810	0.18263	223.071162	0.618758	0.015810	0.18263	223.071162	0.618758	0.51593	-6.429024	-63.841429	-0.585799				
COMB DB-G2-3	-----	MIN		1.00000	7.626237	69.132997	0.618758	0.015810	0.678254	253.373952		-0.015749	-0.493035	-122.125859	-0.585799				
REL_DIST	P	V2	V3	COMB DL-G2-2	-----	MAX		<	MOVING	Page	LOAD	>	0.68						

0.013555

-0.331710

-0.045718

0.068791

0.868247

17.481547

0.197209

0.51593

-7.942070

-69.038783

-0.838551

0.48414	-2.709851	-30.082361	-0.530674
-0.002707	-0.649798	-64.385390	
0.65609	-2.709851	-30.082361	-0.530674
-0.002707	-0.284030	-43.794734	
0.82805	-2.709851	-30.082361	-0.530674
-0.002707	-0.059795	-23.508668	
1.00000	-2.709851	-30.082361	-0.530674
-0.002707	-0.360051	-8.212886	

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	5.972700	50.302619		0.630077
0.012019	1.207297	190.548842		
0.48414	5.972700	50.302619		0.630077
0.012019	0.774312	158.813339		0.630077
0.65609	5.972700	50.302619		0.630077
0.012019	0.341044	148.595007		0.630077
0.82805	5.972700	50.302619		0.630077
0.012019	0.125046	180.221034		0.630077
1.00000	5.972700	50.302619		0.630077
0.012019	0.680153	214.886265		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	-7.719641	-122.719484		-0.808270
-0.014990	-1.560105	-169.635959		
0.48414	-7.719641	-122.719484		-0.808270
-0.014990	-1.004385	-87.753347		
0.65609	-7.719641	-122.719484		-0.808270
-0.014990	-0.449886	-43.048505		
0.82805	-7.719641	-122.719484		-0.808270
-0.014990	-0.128604	-19.775096		
1.00000	-7.719641	-122.719484		-0.808270
-0.014990	-0.556860	-0.072664		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	7.059166	62.478117		0.675414
0.013944	1.291620	236.535916		
0.48414	7.059166	62.478117		0.675414
0.013944	0.827414	196.797793		0.675414
0.65609	7.059166	62.478117		0.675414
0.013944	0.362859	179.130144		0.675414
0.82805	7.059166	62.478117		0.675414
0.013944	0.132541	206.437299		0.675414
1.00000	7.059166	62.478117		0.675414
0.013944	0.741073	250.722547		
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방향S1-S403.OUT				

< MOVING Page LOAD >

FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	-10.754049	-150.075038		-0.888028
-0.014779	-1.717992	-219.111788		
0.48414	-10.754049	-150.075038		-0.888028
-0.014779	-1.107278	-118.800965		
0.65609	-10.754049	-150.075038		-0.888028
-0.014779	-0.497796	-56.145802		
0.82805	-10.754049	-150.075038		-0.888028
-0.014779	-0.059579	-18.668178		
1.00000	-10.754049	-150.075038		-0.888028
-0.014779	-0.597230	-0.095324		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	2.803622	29.563900		0.164241
0.002909	0.315293	81.007122		
0.48414	2.803622	29.563900		0.164241
0.002909	0.202154	60.688027		
0.65609	2.803622	29.563900		0.164241
0.002909	0.088772	40.399369		
0.82805	2.803622	29.563900		0.164241
0.002909	0.029362	20.206963		
1.00000	2.803622	29.563900		0.164241
0.002909	0.184475	1.540831		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	-4.263242	-26.210089		-0.226208
-2.25E-05	-4.263242	-78.472036		
0.48414	-4.263242	-26.210089		-0.226208
-2.25E-05	-0.281646	-60.263818		
0.65609	-4.263242	-26.210089		-0.226208
-2.25E-05	-0.125491	-42.295851		
0.82805	-4.263242	-26.210089		-0.226208
-2.25E-05	-0.024148	-24.415891		
1.00000	-4.263242	-26.210089		-0.226208
-2.25E-05	-0.137131	-8.055671		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	3.955658	44.487542		0.295375
0.015508	0.560861	170.517551		
0.48414	3.955658	44.487542		0.295375
0.015508	0.355939	142.778796		
0.65609	3.955658	44.487542		0.295375
0.015508	0.155791	136.561415		0.295375
0.82805	3.955658	44.487542		0.295375
0.015508	0.065356	172.198689		0.295375
1.00000	3.955658	44.487542		0.295375
0.015508	0.357858	215.354430		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	-0.006563	-127.048615		-0.429032
-0.011930	-0.837560	-176.600451		
0.48414	-0.006563	-127.048615		-0.429032
-0.011930	-0.542993	-91.734277		
0.65609	-0.006563	-127.048615		-0.429032
-0.011930	-0.249451	-44.046638		
0.82805	-0.006563	-127.048615		-0.429032
-0.011930	-0.085220	-17.859606		
1.00000	-0.006563	-127.048615		-0.429032
-0.011930	-0.281532	-0.149534		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	6.873196	72.612343		0.565150
0.015138	0.107864	276.242698		
0.48414	6.873196	72.612343		0.565150
0.015138	0.609398	229.494757		
0.65609	6.873196	72.612343		0.565150
0.015138	0.301784	204.643148		0.565150
0.82805	6.873196	72.612343		0.565150
0.015138	0.109771	222.718025		0.565150
1.00000	6.873196	72.612343		0.565150

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	-12.226158	-157.658724		-0.888028
-0.015758	-1.717992	-219.111788		
0.48414	-12.226158	-157.658724		-0.888028
-0.015758	-1.107278	-118.800965		
0.65609	-12.226158	-157.658724		-0.888028
-0.015758	-0.497796	-56.145802		
0.82805	-12.226158	-157.658724		-0.888028
-0.015758	-0.059579	-18.668178		
1.00000	-12.226158	-157.658724		-0.888028
-0.015758	-0.597230	-0.095324		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	7.325194	72.612343		0.675414
0.016086	1.291620	276.242698		
0.48414	7.325194	72.612343		0.675414
0.016086	0.827414	229.494757		
0.65609	7.325194	72.612343		0.675414
0.016086	0.362859	204.643148		
0.82805	7.325194	72.612343		0.675414
0.016086	0.132541	222.718025		
1.00000	7.325194	72.612343		0.675414
0.016086	0.741073	250.801959		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	-12.226158	-157.658724		-0.888028
-0.015758	-1.717992	-219.111788		
0.48414	-12.226158	-157.658724		-0.888028
-0.015758	-1.107278	-118.800965		
0.65609	-12.226158	-157.658724		-0.888028
-0.015758	-0.497796	-56.145802		
0.82805	-12.226158	-157.658724		-0.888028
-0.015758	-0.059579	-18.668178		
1.00000	-12.226158	-157.658724		-0.888028
-0.015758	-0.597230	-0.095324		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	7.325194	72.612343		0.675414
0.016086	1.291620	276.242698		
0.48414	7.325194	72.612343		0.675414
0.016086	0.827414	229.494757		
0.65609	7.325194	72.612343		0.675414
0.016086	0.362859	204.643148		
0.82805	7.325194	72.612343		0.675414
0.016086	0.132541	222.718025		
1.00000	7.325194	72.612343		0.675414
0.016086	0.741073	250.801959		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	-12.226158	-157.658724		-0.888028
-0.015758	-1.717992	-219.111788		
0.48414	-12.226158	-157.658724		-0.888028
-0.015758	-1.107278	-118.800965		
0.65609	-12.226158	-157.658724		-0.888028
-0.015758	-0.497796	-56.145802		
0.82805	-12.226158	-157.658724		-0.888028
-0.015758	-0.059579	-18.668178		
1.00000	-12.226158	-157.658724		-0.888028
-0.015758	-0.597230	-0.095324		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	7.325194	72.612343		0.675414
0.016086	1.291620	276.242698		
0.48414	7.325194	72.612343		0.675414
0.016086	0.827414	229.494757		
0.65609	7.325194	72.612343		0.675414
0.016086	0.362859	204.643148		
0.82805	7.325194	72.612343		0.675414
0.016086	0.132541	222.718025		
1.00000	7.325194	72.612343		0.675414
0.016086	0.741073	250.801959		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	-12.226158	-157.658724		-0.888028
-0.015758	-1.717992	-219.111788		
0.48414	-12.226158	-157.658724		-0.888028
-0.015758	-1.107278	-118.800965		
0.65609	-12.226158	-157.658724		-0.888028
-0.015758	-0.497796	-56.145802		
0.82805	-12.226158	-157.658724		-0.888028
-0.015758	-0.059579	-18.668178		
1.00000	-12.226158	-157.658724		-0.888028
-0.015758	-0.597230	-0.095324		

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

REL_DIST	M2	M3	V2	V3
T				
0.31218	7.325194	72.612343		0.675414
0.016086	1.291620	276.242698		
0.48414	7.325194	72.612343		0.675414
0.016086	0.827414	229.494757		
0.65609	7.325194	72.612343		0.675414
0.016086	0.362859	204.643148		
0.82805	7.325194	72.612343		0.675414
0.0				

[illegible]

0.65605	-7.112939	-106.847440	-0.390407		
-0.012616	-0.225831	-10.081596			
0.82803	-7.112939	-106.847440	-0.390407		
-0.012616	-0.005665	-5.810243			
1.00000	-7.112939	-106.847440	-0.390407		
-0.012616	-0.290862	-0.029872			
COMB DL-G2-3 ----- MAX					
REL_DIST	M2	P	V2	V3	
0.31211	9.451313	74.913812		0.601028	
0.015284	1.137519	277.189574			
0.48408	9.451313	74.913812		0.601028	
0.015284	0.725321	228.834392		0.601028	
0.65605	9.451313	74.913812		0.601028	
0.015284	0.313513	200.980465			
0.82803	9.451313	74.913812		0.601028	
0.015284	0.108624	217.826845			
1.00000	9.451313	74.913812		0.601028	
0.015284	0.617218	245.894285			
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F R A M E E L E M E N T I N T E R N A L					
COMB DL-G2-3 ----- MIN					
REL_DIST	M2	P	V2	V3	
0.31211	-10.614295	-128.598653		-0.744662	
-0.013929	-1.438866	-172.339573			
0.48408	-10.614295	-128.598653		-0.744662	
-0.013929	-0.27655	-86.530284			
0.65605	-10.614295	-128.598653		-0.744662	
-0.013929	-0.417314	-36.597704			
0.82803	-10.614295	-128.598653		-0.744662	
-0.013929	-0.134520	-11.398496			
1.00000	-10.614295	-128.598653		-0.744662	
-0.013929	-0.546707	-0.034015			
COMB DB ----- MAX					
REL_DIST	M2	P	V2	V3	
0.31211	6.317963	58.416844		0.439130	
0.016400	0.839967	204.896104			
0.48408	6.317963	58.416844		0.439130	
0.016400	0.539146	167.024698			
0.65605	6.317963	58.416844		0.439130	
0.016400	0.238594	150.600348			
0.82803	6.317963	58.416844		0.439130	
0.016400	0.095822	188.297133			
1.00000	6.317963	58.416844		0.439130	
0.016400	0.488421	230.495866			
COMB DB ----- MIN					
REL_DIST	M2	P	V2	V3	
0.31211	-11.432851	-150.763958		-0.579695	
-0.015859	-1.114284	-193.685099			
0.48408	-11.432851	-150.763958		-0.579695	
-0.015859	-9.371504	-93.987974			
0.65605	-11.432851	-150.763958		-0.579695	
-0.015859	-0.315884	-39.975631			
0.82803	-11.432851	-150.763958		-0.579695	
-0.015859	-0.103716	-20.048407			
1.00000	-11.432851	-150.763958		-0.579695	
-0.015859	-0.389955	-5.859230			
COMB DL ----- MAX					
REL_DIST	M2	P	V2	V3	
0.31211	9.451313	74.913812		0.735952	
0.015404	1.401163	277.189574			
0.48408	9.451313	74.913812		0.735952	
0.015404	0.895961	228.834392		0.735952	
0.65605	9.451313	74.913812		0.735952	
0.015404	0.391400	200.980465			
0.82803	9.451313	74.913812		0.735952	
0.015404	0.137021	217.826845			
1.00000	9.451313	74.913812		0.735952	
0.015404	0.742024	245.894285			
COMB DL ----- MIN					
REL_DIST	M2	P	V2	V3	
0.31211	-13.200363	-151.892130		-0.885275	
-0.014877	-1.702050	-230.245337			
0.48408	-13.200363	-151.892130		-0.885275	
-0.014877	-1.093652	-128.498630			
0.65605	-13.200363	-151.892130		-0.885275	
-0.014877	-0.486415	-64.623946			
0.82803	-13.200363	-151.892130		-0.885275	
-0.014877	-0.149972	-35.033127			
1.00000	-13.200363	-151.892130		-0.885275	
-0.014877	-0.655167	-8.428045			
COMB CAR ----- MAX					
REL_DIST	M2	P	V2	V3	
0.31211	9.451313	74.913812		0.735952	
0.016400	1.401163	277.189574			
0.48408	9.451313	74.913812		0.735952	
0.016400	0.895961	228.834392		0.735952	
0.65605	9.451313	74.913812		0.735952	
0.016400	0.391400	200.980465			
0.82803	9.451313	74.913812		0.735952	
0.016400	0.137021	217.826845			
1.00000	9.451313	74.913812		0.735952	
0.016400	0.742024	245.894285			
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F R A M E E L E M E N T I N T E R N A L					
COMB CAR ----- MIN					
REL_DIST	M2	P	V2	V3	
0.31211	-13.200363	-151.892130		-0.885275	
-0.015859	-1.702050	-230.245337			
0.48408	-13.200363	-151.892130		-0.885275	
-0.015859	-1.093652	-128.498630			
0.65605	-13.200363	-151.892130		-0.885275	
-0.015859	-0.486415	-64.623946			
0.82803	-13.200363	-151.892130		-0.885275	
-0.015859	-0.149972	-35.033127			
1.00000	-13.200363	-151.892130		-0.885275	
-0.015859	-0.655167	-8.428045			
COMB DESIGN ----- MAX					
REL_DIST	M2	P	V2	V3	
0.31211	9.451313	74.913812		0.735952	
0.016400	1.401163	277.189574			

0.48408	9.451313	74.913812	0.735952		
0.016400	0.895961	228.834392			
0.65605	9.451313	74.913812	0.735952		
0.016400	0.391400	200.980465			
0.82803	9.451313	74.913812	0.735952		
0.016400	0.137021	217.826845			
1.00000	9.451313	74.913812	0.735952		
0.016400	0.742024	245.894285			
COMB DESIGN ----- MIN					
REL_DIST	M2	P	V2	V3	
0.31211	-13.200363	-151.892130		-0.885275	
-0.015859	-1.702050	-230.245337			
0.48408	-13.200363	-151.892130		-0.885275	
-0.015859	-1.093652	-128.498630			
0.65605	-13.200363	-151.892130		-0.885275	
-0.015859	-0.486415	-64.623946			
0.82803	-13.200363	-151.892130		-0.885275	
-0.015859	-0.149972	-35.033127			
1.00000	-13.200363	-151.892130		-0.885275	
-0.015859	-0.655167	-8.428045			
ELEM 132 ===== LENGTH =					
4.005018					
COMB DB-G1-1 ----- MAX					
REL_DIST	M2	P	V2	V3	
0.000000	1.724944	8.302171		0.322274	
0.000713	0.271456	0.931519			
0.17197	1.724944	8.302171		0.322274	
0.000713	0.049354	16.944336			
0.34395	1.724944	8.302171		0.322274	
0.000713	0.188767	35.077509			
0.51592	1.724944	8.302171		0.322274	
0.000713	0.427670	53.207083			
0.68789	1.724944	8.302171		0.322274	
0.000713	0.666650	71.502753			
COMB DB-G1-1 ----- MIN					
REL_DIST	M2	P	V2	V3	
0.000000	-3.806618	-26.475850		-0.347063	
-0.002335	-0.289531	-5.570121			
0.17197	-3.806618	-26.475850		-0.347063	
-0.002335	-0.051097	-11.042164			
0.34395	-3.806618	-26.475850		-0.347063	
-0.002335	-0.172477	-16.654251			
0.51592	-3.806618	-26.475850		-0.347063	
-0.002335	-0.394446	-22.308575			
0.68789	-3.806618	-26.475850		-0.347063	
-0.002335	-0.616414	-28.001820			
COMB DB-G1-2 ----- MAX					
REL_DIST	M2	P	V2	V3	
0.000000	7.204372	119.129308		0.452735	
0.013716	0.380457	203.163818			
0.17197	7.204372	119.129308		0.452735	
0.013716	0.072384	148.169027			
0.34395	7.204372	119.129308		0.452735	
0.013716	0.282131	100.320399			
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REL_DIST	M2	P	V2	V3	
0.51592	7.204372	119.129308		0.452735	
0.013716	0.644590	105.760027			
0.68789	7.204372	119.129308		0.452735	
0.013716	1.007067	131.852428			
COMB DB-G1-2 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.000000	-5.376667	-41.153576		-0.542226	
-0.016102	-0.493252	-0.008702			
0.17197	-5.376667	-41.153576		-0.542226	
-0.016102	-0.120520	-3.606559			
0.34395	-5.376667	-41.153576		-0.542226	
-0.016102	-0.423212	-11.755837			
0.51592	-5.376667	-41.153576		-0.542226	
-0.016102	-0.555036	-49.994551			
0.68789	-5.376667	-41.153576		-0.542226	
-0.016102	-0.866838	-128.021405			
COMB DB-G1-3 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.000000	9.294442	133.904072		0.457306	
0.015215	0.383764	230.138522			
0.17197	9.294442	133.904072		0.457306	
0.015215	0.072533	186.929184			
0.34395	9.294442	133.904072		0.457306	
0.015215	0.295862	149.603746			
0.51592	9.294442	133.904072		0.457306	
0.015215	0.676848	166.719305			
0.68789	9.294442	133.904072		0.457306	
0.015215	1.057980	204.945936			
COMB DB-G1-3 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.000000	-6.914208	-58.814818		-0.569545	
-0.016475	-0.517704	-0.011155			
0.17197	-6.914208	-58.814818		-0.569545	
-0.016475	-0.126215	-8.162688			
0.34395	-6.914208	-58.814818		-0.569545	
-0.016475	-0.248293	-28.367357			
0.51592	-6.914208	-58.814818		-0.569545	
-0.016475	-0.561108	-71.479315			
0.68789	-6.914208	-58.814818		-0.569545	
-0.016475	-0.876067	-159.500353			
COMB DB-G2-1 ----- MAX					
REL_DIST	M2	P	V2	V3	
0.000000	3.947000	26.186632		0.073481	
0.002418	0.059773	0.917604			
0.17197	3.947000	26.186632		0.073481	
0.002418	0.009372	1.830269			
0.34395	3.947000	26.186632		0.073481	
0.002418	0.074819	6.432201			
0.51592	3.947000	26.186632		0.073481	
0.002418	0.167455	12.134868			
0.68789	3.947000	26.186632		0.073481	
0.002418	0.260277	17.998653			
COMB DB-G2-1 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.000000	-1.745925	-8.532087		-0.134623	
-0.000784	-0.110600	-5.853110			
0.17197	-1.745925	-8.532087		-0.134623	

-0.016475 -0.248293 -38.087898 -0.569545
-0.51592 -6.914208 -58.814818 -0.569545
-0.016475 -0.561108 -91.848989 -0.569545
-0.68789 -6.914208 -58.814818 -0.569545
-0.016475 -0.876067 -191.153803
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FRAME ELEMENT INTERNAL
FORCES

COMB DL ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 13.122126 151.206944 0.747605
0.015182 0.623649 245.828034 0.747605
0.17197 13.122126 151.206944
0.015182 0.117255 216.522146 0.747605
0.34395 13.122126 151.206944 0.747605
0.015182 0.454144 199.989667 0.747605
0.51592 13.122126 151.206944 0.747605
0.015182 1.049004 228.355910 0.747605
0.68789 13.122126 151.206944 0.747605
0.015182 1.644358 277.253709

COMB DL ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -9.433466 -75.645819 -0.877806
-0.015344 -0.776808 -8.438830
0.17197 -9.433466 -75.645819 -0.877806
-0.015344 -0.173122 -32.689763
0.34395 -9.433466 -75.645819 -0.877806
-0.015344 -0.408585 -61.917480
0.51592 -9.433466 -75.645819 -0.877806
-0.015344 -0.922444 -125.174964
0.68789 -9.433466 -75.645819 -0.877806
-0.015344 -1.436561 -226.510456

COMB CAR ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 13.122126 151.206944 0.747605
0.016119 0.623649 245.828034 0.747605
0.17197 13.122126 151.206944
0.016119 0.117255 216.522146 0.747605
0.34395 13.122126 151.206944 0.747605
0.016119 0.454144 199.989667 0.747605
0.51592 13.122126 151.206944 0.747605
0.016119 1.049004 228.355910 0.747605
0.68789 13.122126 151.206944 0.747605
0.016119 1.644358 277.253709

COMB CAR ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -9.433466 -75.645819 -0.877806
-0.016475 -0.776808 -8.438830
0.17197 -9.433466 -75.645819 -0.877806
-0.016475 -0.173122 -32.689763
0.34395 -9.433466 -75.645819 -0.877806
-0.016475 -0.408585 -61.917480
0.51592 -9.433466 -75.645819 -0.877806
-0.016475 -0.922444 -125.174964
0.68789 -9.433466 -75.645819 -0.877806
-0.016475 -1.436561 -226.510456

COMB DESIGN ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 13.122126 151.206944 0.747605
0.016119 0.623649 245.828034 0.747605
0.17197 13.122126 151.206944
0.016119 0.117255 216.522146 0.747605
0.34395 13.122126 151.206944 0.747605
0.016119 0.454144 199.989667 0.747605
0.51592 13.122126 151.206944 0.747605
0.016119 1.049004 228.355910 0.747605
0.68789 13.122126 151.206944 0.747605
0.016119 1.644358 277.253709

COMB DESIGN ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -9.433466 -75.645819 -0.877806
-0.016475 -0.776808 -8.438830
0.17197 -9.433466 -75.645819 -0.877806
-0.016475 -0.173122 -32.689763
0.34395 -9.433466 -75.645819 -0.877806
-0.016475 -0.408585 -61.917480
0.51592 -9.433466 -75.645819 -0.877806
-0.016475 -0.922444 -125.174964
0.68789 -9.433466 -75.645819 -0.877806
-0.016475 -1.436561 -226.510456
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FRAME ELEMENT INTERNAL
FORCES

ELEM 133 ===== LENGTH =
4.004997

COMB DB-G1-1 ----- MAX
REL_DIST M2 P M3 V2 V3
0.31211 0.232026 4.312422 0.344151
0.001879 0.663003 12.147094
0.48408 0.232026 4.312422 0.344151
0.001879 0.425970 9.208255
0.65606 0.232026 4.312422 0.344151
0.001879 0.188936 6.323315
0.82803 0.232026 4.312422 0.344151
0.001879 0.050525 3.689487
1.00000 0.232026 4.312422 0.344151
0.001879 0.288342 1.678777

COMB DB-G1-1 ----- MIN
REL_DIST M2 P M3 V2 V3
0.31211 -6.206329 -43.829497 -0.336454
-0.001883 -6.385888 -123.170389
0.48408 -6.206329 -43.829497 -0.336454
-0.001883 -0.406956 -93.181320
0.65606 -6.206329 -43.829497 -0.336454
-0.001883 -0.175112 -63.473881
0.82803 -6.206329 -43.829497 -0.336454
-0.001883 -0.048216 -33.834990
1.00000 -6.206329 -43.829497 -0.336454
-0.001883 -0.285157 -10.484106

COMB DB-G1-2 ----- MAX
REL_DIST M2 P M3 V2 V3
0.31211 -9.933215 -133.987525 -0.424418
-0.019629 -0.811398 -116.061130
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0.31211 0.767367 15.112966 0.500309
0.018272 0.960548 107.880909
0.48408 0.767367 15.112966 0.500309
0.018272 0.615960 104.507215
0.65606 0.767367 15.112966 0.500309
0.018272 0.271376 130.512945
0.82803 0.767367 15.112966 0.500309
0.018272 0.090801 198.065127
1.00000 0.767367 15.112966 0.500309
0.018272 0.424555 266.118344

COMB DB-G1-2 ----- MIN
REL_DIST M2 P M3 V2 V3
0.31211 -12.977980 -152.838967 -0.500099
-0.018268 -0.953263 -181.219478
0.48408 -12.977980 -152.838967 -0.500099
-0.018268 -0.608817 -98.779532
0.65606 -12.977980 -152.838967 -0.500099
-0.018268 -0.264339 -64.346915
0.82803 -12.977980 -152.838967 -0.500099
-0.018268 -0.106944 -30.011082
1.00000 -12.977980 -152.838967 -0.500099
-0.018268 -0.446030 -0.177916

COMB DB-G1-3 ----- MAX
REL_DIST M2 P M3 V2 V3
0.31211 4.370874 38.611521 0.504668
0.019853 0.963701 85.315228
0.48408 4.370874 38.611521 0.504668
0.019853 0.616111 66.641813
0.65606 4.370874 38.611521 0.504668
0.019853 0.268520 178.560649
0.82803 4.370874 38.611521 0.504668
0.019853 0.091305 235.090864
1.00000 4.370874 38.611521 0.504668
0.019853 0.431460 315.779620

COMB DB-G1-3 ----- MIN
REL_DIST M2 P M3 V2 V3
0.31211 -13.054737 -169.033708 -0.509590
-0.019844 -0.972478 -179.041366
0.48408 -13.054737 -169.033708 -0.509590
-0.019844 -0.621502 -93.009889
0.65606 -13.054737 -169.033708 -0.509590
-0.019844 -0.270521 -60.640925
0.82803 -13.054737 -169.033708 -0.509590
-0.019844 -0.431460 315.779620
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REL_DIST M2 P M3 V2 V3
0.82803 -13.054737 -169.033708 -0.509590
-0.019844 -0.113549 -28.366810
1.00000 -13.054737 -169.033708 -0.509590
-0.019844 -0.455488 -0.208178

COMB DB-G2-1 ----- MAX
REL_DIST M2 P M3 V2 V3
0.31211 6.409332 42.514259 0.095758
0.001965 0.180271 116.941858
0.48408 6.409332 42.514259 0.095758
0.001965 0.114317 67.694146
0.65606 6.409332 42.514259 0.095758
0.001965 0.048353 58.492271
0.82803 6.409332 42.514259 0.095758
0.001965 0.018178 29.354430
1.00000 6.409332 42.514259 0.095758
0.001965 0.091316 1.754351

COMB DB-G2-1 ----- MIN
REL_DIST M2 P M3 V2 V3
0.31211 -0.412524 -4.198325 -0.106531
-0.001960 -0.202366 -11.398103
0.48408 -0.412524 -4.198325 -0.106531
-0.001960 -0.129020 -8.540164
0.65606 -0.412524 -4.198325 -0.106531
-0.001960 -0.055727 -5.731220
0.82803 -0.412524 -4.198325 -0.106531
-0.001960 -0.017560 -4.711570
1.00000 -0.412524 -4.198325 -0.106531
-0.001960 -0.083569 -10.257323

COMB DB-G2-2 ----- MAX
REL_DIST M2 P M3 V2 V3
0.31211 7.833530 58.644976 0.186395
0.018563 0.350610 220.580157
0.82803 7.833530 58.644976 0.186395
0.018563 0.222223 186.998355
0.65606 7.833530 58.644976 0.186395
0.018563 0.093820 182.828007
0.82803 7.833530 58.644976 0.186395
0.018563 0.042221 219.570287
1.00000 7.833530 58.644976 0.186395
0.018563 0.173142 266.488676

COMB DB-G2-2 ----- MIN
REL_DIST M2 P M3 V2 V3
0.31211 -6.082483 -107.832173 -0.205920
-0.018548 -0.394192 -60.609359
0.48408 -6.082483 -107.832173 -0.205920
-0.018548 -0.252364 -9.487513
0.65606 -6.082483 -107.832173 -0.205920
-0.018548 -0.110759 -6.330468
0.82803 -6.082483 -107.832173 -0.205920
-0.018548 -0.068133 -3.175086
1.00000 -6.082483 -107.832173 -0.205920
-0.018548 -0.191041 -0.231122

COMB DB-G2-3 ----- MAX
REL_DIST M2 P M3 V2 V3
0.31211 7.394922 72.424014 0.408420
0.019643 0.7767543 305.733231
0.48408 7.394922 72.424014 0.408420
0.019643 0.495485 262.280792
0.65606 7.394922 72.424014 0.408420
0.019643 0.214226 249.404604
0.82803 7.394922 72.424014 0.408420
0.019643 0.076777 278.424014 0.408420
1.00000 7.394922 72.424014 0.408420
0.019643 0.357977 315.793619

COMB DB-G2-3 ----- MIN
REL_DIST M2 P M3 V2 V3
0.31211 -9.933215 -133.987525 -0.424418
-0.019629 -0.811398 -116.061130
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FRAME ELEMENT INTERNAL
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REL_DIST M2 P M3 V2 V3
0.48408 -9.933215 -133.987525 -0.424418
-0.019629 -0.519082 -47.378878
0.65606 -9.933215 -133.987525 -0.424418
-0.019629 -0.226995 -27.933747
0.82803 -9.933215 -133.987525 -0.424418
-0.019629 -0.101779 -9.416977
1.00000 -9.933215 -133.987525 -0.424418
-0.019629 -0.377222 -0.235090

COMB DL-G1-1 ----- MAX
REL_DIST M2 P M3 V2 V3
0.31211 0.459205 9.811964 0.524543
0.002160 1.008625 27.609048
0.48408 0.459205 9.811964 0.524543
0.002160 0.647243 20.950854
0.82803 0.459205 9.811964 0.524543
0.002160 0.285673 14.044561
0.82803 0.459205 9.811964 0.524543
0.002160 0.083993 7.974882
1.00000 0.459205 9.811964 0.524543
0.002160 0.439265 2.491932

COMB DL-G1-1 ----- MIN
REL_DIST M2 P M3 V2 V3
0.31211 -12.213542 -97.290389 -0.514290
-0.002222 -0.977254 -279.305880
0.48408 -12.213542 -97.290389 -0.514290
-0.002222 -0.622984 -212.387332
0.65606 -12.213542 -97.290389 -0.514290
-0.002222 -0.268338 -145.801439
0.82803 -12.213542 -97.290389 -0.514290
-0.002222 -0.073874 -29.272634
1.00000 -12.213542 -97.290389 -0.514290
-0.002222 -0.436118 -15.980328

COMB DL-G1-2 ----- MAX
REL_DIST M2 P M3 V2 V3
0.31211 1.700378 25.542646 0.795754
0.017222 1.514955 180.378991
0.48408 1.700378 25.542646 0.795754
0.017222 0.967541 171.916270
0.65606 1.700378 25.542646 0.795754
0.017222 0.423300 189.490390 0.795754
0.82803 1.700378 25.542646 0.795754
0.017222 0.135878 240.020918 0.795754
1.00000 1.700378 25.542646 0.795754
0.017222 0.673395 301.665947

COMB DL-G1-2 ----- MIN
REL_DIST M2 P M3 V2 V3
0.31211 -19.161240 -197.229532 -0.791046
-0.017212 -1.507387 -331.098681
0.48408 -19.161240 -197.229532 -0.791046
-0.017212 -0.962413 -206.089927
0.65606 -19.161240 -197.229532 -0.791046
-0.017212 -0.419432 -132.785747
0.82803 -19.161240 -197.229532 -0.791046
-0.017212 -0.152587 -60.087817
1.00000 -19.161240 -197.229532 -0.791046
-0.017212 -0.701428 -0.259666

COMB DL-G1-3 ----- MAX
REL_DIST M2 P M3 V2 V3
0.31211 8.534584 71.718789 0.812615
0.018637 1.541321 349.531581
0.48408 8.534584 71.718789 0.812615
0.018637 0.982729 311.334403
0.65606 8.534584 71.718789 0.812615
0.018637 0.425236 301.566631
0.82803 8.534584 71.718789 0.812615
0.018637 0.136551 325.778896
1.00000 8.534584 71.718789 0.812615
0.018637 0.692734 371.023558
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COMB DL-G1-3 ----- MIN
REL_DIST M2 P M3 V2 V3
0.31211 12.567286 94.553693 0.133654
0.002307 0.252114 254.403982
0.48408 12.567286 94.553693 0.133654
0.002307 0.159947 189.329552
0.65606 12.567286 94.553693 0.133654
0.002307 0.067627 124.550357
0.82803 12.567286 94.553693 0.133654
0.002307 0.022277 60.614552
1.00000 12.567286 94.553693 0.133654
0.002307 0.126819 2.555412

COMB DL-G2-1 ----- MIN
REL_DIST M2 P M3 V2 V3
0.31211 -0.853989 -9.355827 -0.151182
-0.002301 -0.289133 -25.677135
0.48408 -0.853989 -9.355827 -0.151182
-0.002301 -0.184862 -19.290397
0.65606 -0.853989 -9.355827 -0.151182
-0.002301 -0.080648 -13.219208
0.82803 -0.853989 -9.355827 -0.151182
-0.002301 -0.022711 -9.450786
1.00000 -0.853989 -9.355827 -0.151182
-0.002301 -0.115631 -12.039311

COMB DL-G2-2 ----- MAX
REL_DIST M2 P M3 V2 V3

T M2 M3
0.31211 15.383043 114.498761 0.309659
0.017648 0.574968 436.083844
0.48408 15.383043 114.498761 0.309659
0.017648 0.362419 366.564685
0.65606 15.383043 114.498761 0.309659
0.017648 0.152167 323.423717
0.82803 15.383043 114.498761 0.309659
0.017648 0.059429 312.771165
15.383043 114.498761 0.309659
0.017648 0.282123 306.538543

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

REL_DIST M2 P M3 V2 V3
0.31211 -6.093873 -104.045985 -0.335150
-0.017627 -0.642227 -80.459662
0.48408 -6.093873 -104.045985 -0.335150
-0.017627 -0.410764 -21.316328
0.65606 -6.093873 -104.045985 -0.335150
-0.017627 -0.182037 -14.184864
0.82803 -6.093873 -104.045985 -0.335150
-0.017627 -0.088373 -7.107192
1.00000 -6.093873 -104.045985 -0.335150
-0.017627 -0.302133 -0.317388

COMB DL-G2-3 ----- MAX
REL_DIST M2 P M3 V2 V3
0.31211 14.647728 125.227539 0.652390
0.018437 1.230767 505.166044
0.48408 14.647728 125.227539 0.652390
0.018437 0.782099 429.142343
0.65606 14.647728 125.227539 0.652390
0.018437 0.335532 380.224527
0.82803 14.647728 125.227539 0.652390
0.018437 0.110599 366.439483
0.018437 0.104728 325.020739 0.652390
0.018437 0.566618 372.671278
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FRAME ELEMENT INTERNAL
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REL_DIST	P	M2	M3	V2	V3
0.31211	-19.161240	-207.243691			-0.817977
-0.019844	-1.561432	-331.098681			
0.48408	-19.161240	-207.243691			-0.817977
-0.019844	-0.997990	-212.387332			
0.65606	-19.161240	-207.243691			-0.817977
-0.019844	-0.436228	-145.801439			-0.817977
0.82803	-19.161240	-207.243691			-0.817977
-0.019844	-0.160069	-79.272634			
1.00000	-19.161240	-207.243691			-0.817977
-0.019844	-0.721117	-15.980328			
COMB DESIGN	MAX				
REL_DIST	P	M2	M3	V2	V3
0.31211	15.383043	125.227539			0.812615
0.019853	1.541321	505.178604			
0.48408	15.383043	125.227539			0.812615
0.019853	0.982279	429.142343			
0.65606	15.383043	125.227539			0.812615
0.019853	0.425236	380.224527			
0.82803	15.383043	125.227539			0.812615
0.019853	0.136551	366.439483			
1.00000	15.383043	125.227539			0.812615
0.019853	0.692734	372.672178			
COMB DESIGN	MIN				
REL_DIST	P	M2	M3	V2	V3
0.31211	-19.161240	-207.243691			-0.817977
-0.019844	-1.561432	-331.098681			
0.48408	-19.161240	-207.243691			-0.817977
-0.019844	-0.997990	-212.387332			
0.65606	-19.161240	-207.243691			-0.817977
-0.019844	-0.436228	-145.801439			-0.817977
0.82803	-19.161240	-207.243691			-0.817977
-0.019844	-0.160069	-79.272634			
1.00000	-19.161240	-207.243691			-0.817977
-0.019844	-0.721117	-15.980328			
ELEM	134	LENGTH =			
4.004997					
COMB DB-G1-1	MAX				
REL_DIST	P	M2	M3	V2	V3
0.00000	0.228838	4.288445			0.346906
0.001962	0.290784	1.678457			
0.17197	0.228838	4.288445			0.346906
0.001962	0.051829	27.701860			
0.34394	0.228838	4.288445			0.346906
0.001962	0.175033	57.327465			
0.51592	0.228838	4.288445			0.346906
0.001962	0.402352	87.014926			
0.68789	0.228838	4.288445			0.346906
0.001962	0.629664	116.761556			
COMB DB-G1-1	MIN				
REL_DIST	P	M2	M3	V2	V3
0.00000	-6.167511	-43.272599			-0.330036
-0.001959	-0.279613	-10.486909			
0.17197	-6.167511	-43.272599			-0.330036
-0.001959	-0.052507	-4.912290			
0.34394	-6.167511	-43.272599			-0.330036
-0.001959	-0.187093	-5.762839			
0.51592	-6.167511	-43.272599			-0.330036
-0.001959	-0.426006	-8.612809			
0.68789	-6.167511	-43.272599			-0.330036
-0.001959	-0.664937	-11.531149			
COMB DB-G1-2	MAX				
REL_DIST	P	M2	M3	V2	V3
0.00000	4.907081	106.906718			0.511112
0.018560	0.426857	265.705828			
0.17197	4.907081	106.906718			0.511112
0.018560	0.085355	217.885743			
0.34394	4.907081	106.906718			0.511112
0.018560	0.256627	182.187492			
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REL_DIST	P	M2	M3	V2	V3
0.51592	4.907081	106.906718			0.511112
0.018560	0.589753	187.521224			
0.68789	4.907081	106.906718			0.511112
0.018560	0.923882	222.335533			
COMB DB-G1-2	MIN				
REL_DIST	P	M2	M3	V2	V3
0.00000	-8.211157	-59.932859			-0.485125
-0.018550	-0.440181	-17.075181			
0.17197	-8.211157	-59.932859			-0.485125
-0.018550	-0.118772	-3.192232			
0.34394	-8.211157	-59.932859			-0.485125
-0.018550	-0.277374	-6.413138			
0.51592	-8.211157	-59.932859			-0.485125
-0.018550	-0.629337	-9.647247			
0.68789	-8.211157	-59.932859			-0.485125
-0.018550	-0.981349	-60.357749			
COMB DB-G1-3	MAX				
REL_DIST	P	M2	M3	V2	V3
0.00000	8.633937	132.836541			0.507819
0.019788	0.422061	315.357446			
0.17197	8.633937	132.836541			0.507819
0.019788	0.084006	277.561508			
0.34394	8.633937	132.836541			0.507819
0.019788	0.253871	249.855278			
0.51592	8.633937	132.836541			0.507819
0.019788	0.586848	264.120680			
0.68789	8.633937	132.836541			0.507819
0.019788	0.919915	308.499685			
COMB DB-G1-3	MIN				
REL_DIST	P	M2	M3	V2	V3
0.00000	-8.186161	-74.016402			-0.483568
-0.019779	-0.440614	-19.476289			
0.17197	-8.186161	-74.016402			-0.483568
-0.019779	-0.114326	-7.845668			
0.34394	-8.186161	-74.016402			-0.483568
-0.019779	-0.278586	-25.767683			
0.51592	-8.186161	-74.016402			-0.483568
-0.019779	-0.628096	-14.764289			
0.68789	-8.186161	-74.016402			-0.483568
-0.019779	-0.977766	-11.5737627			
COMB DB-G2-1	MAX				
REL_DIST	P	M2	M3	V2	V3
0.00000	5.283295	103.577111			0.801004
0.017551	1.464086	437.418566			
COMB DL-G1-2	MIN				
REL_DIST	P	M2	M3	V2	V3
0.00000	-15.005250	-116.661477			-0.773161
-0.017541	-0.690496	-0.248690			
0.17197	-15.005250	-116.661477			-0.773161
-0.017541	-0.156307	-7.284813			
0.34394	-15.005250	-116.661477			-0.773161
-0.017541	-0.434238	-14.603431			
0.51592	-15.005250	-116.661477			-0.773161
-0.017541	-0.983940	-22.012042			
0.68789	-15.005250	-116.661477			-0.773161
-0.017541	-1.535746	-80.697925			
COMB DL-G1-3	MAX				
REL_DIST	P	M2	M3	V2	V3
0.00000	12.198229	150.743740			0.812533
0.018550	0.680182	370.910830			
0.17197	12.198229	150.743740			0.812533
0.018550	0.127819	364.102288			
0.34394	12.198229	150.743740			0.812533
0.018550	0.409837	379.114042			
0.51592	12.198229	150.743740			0.812533
0.018550	0.950774	429.480414			
0.68789	12.198229	150.743740			0.812533
0.018550	1.493472	506.806969			
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REL_DIST	P	M2	M3	V2	V3
0.00000	-14.536457	-127.064763			-0.788767
-0.018540	-0.703458	-0.262459			
0.17197	-14.536457	-127.064763			-0.788767
-0.018540	-0.159039	-13.654144			
0.34394	-14.536457	-127.064763			-0.788767
-0.018540	-0.441859	-48.498363			
0.51592	-14.536457	-127.064763			-0.788767
-0.018540	-0.999698	-86.639074			
0.68789	-14.536457	-127.064763			-0.788767
-0.018540	-1.559492	-177.047188			
COMB DL-G2-1	MAX				
REL_DIST	P	M2	M3	V2	V3
0.00000	12.658505	95.850839			0.129028
0.002522	0.113261	2.549716			
0.17197	12.658505	95.850839			0.129028
0.002522	0.024693	7.711957			
0.34394	12.658505	95.850839			0.129028
0.002522	0.073600	13.970893			
0.51592	12.658505	95.850839			0.129028
0.002522	0.174268	20.342398			
0.68789	12.658505	95.850839			0.129028
0.002522	0.269217	26.839795			
COMB DL-G2-1	MIN				
REL_DIST	P	M2	M3	V2	V3
0.00000	-0.875100	-9.579974			-0.137717
-0.002457	-0.098757	-1.026473			
0.17197	-0.875100	-9.579974			-0.137717
-0.002457	-0.015465	-73.510396			
0.34394	-0.875100	-9.579974			-0.137717
-0.002457	-0.064242	-139.018861			
0.51592	-0.875100	-9.579974			-0.137717
-0.002457	-0.153085	-204.592491			
0.68789	-0.875100	-9.579974			-0.137717
-0.002457	-0.242000	-270.491483			
Program	SAP2000	Nonlinear	Version	7.42	
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<	MOVING	Page	LOAD	>	
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FRAME ELEMENT INTERNAL FORCES					
REL_DIST	P	M2	M3	V2	V3
0.00000	19.111561	194.539053			0.307932
0.017601	0.261673	306.436573			
0.17197	19.111561	194.539053			0.307932
0.017601	0.060557	240.610977			
0.34394	19.111561	194.539053			0.307932
0.017601	0.162973	190.325780			
0.51592	19.111561	194.539053			0.307932
0.017601	0.172951	172.995114			
0.68789	19.111561	194.539053			0.307932
0.017601	0.588177	181.502818			
COMB DL-G2-2	MIN				
REL_DIST	P	M2	M3	V2	V3
0.00000	-2.084651	-25.486790			-0.310831
-0.017581	-0.292591	-0.309584			
0.17197	-2.084651	-25.486790			-0.310831
-0.017581	-0.079168	-53.309167			
0.34394	-2.084651	-25.486790			-0.310831
-0.017581	-0.163827	-124.484282			
0.51592	-2.084651	-25.486790			-0.310831
-0.017581	-0.373597	-196.347927			
0.68789	-2.084651	-25.486790			-0.310831
-0.017581	-0.585766	-319.231123			
COMB DL-G2-3	MAX				
REL_DIST	P	M2	M3	V2	V3
0.00000	18.339201	204.875857			0.651798
0.018973	0.549422	372.561110			
0.17197	18.339201	204.875857			0.651798
0.018					

COMB DB-G1-1 ----- MIN					T	M2	M3		0.000734	0.120372	1.278447	0.015873	1.645010	277.148806		
REL_DIST	P	V2	V3		0.015069	0.881213	204.785404	0.481720				0.48408	9.225325	74.916191	0.883149	
					0.48408	5.977320	58.411392	0.481720				0.015873	1.046506	228.792832	0.883149	
					0.015069	0.561078	166.908176	0.481720				REL_DIST	P	V2	V3	
					0.65605	5.977320	58.411392	0.481720				T	M2	M3		
					0.015069	0.241249	150.466438	0.481720				0.31211	-1.668373	-10.264371	-0.135377	
					0.82803	5.977320	58.411392	0.481720				-0.002803	-0.252237	-32.178262		
					0.015069	0.065787	188.163075	0.481720				0.48408	-1.668373	-10.264371	-0.135377	
					1.00000	5.977320	58.411392	0.481720				0.82803	9.225325	74.916191	0.883149	
					0.015069	0.304849	230.349373					0.015873	0.447784	200.930401	0.883149	
COMB DB-G2-3 ----- MIN												0.82803	9.225325	74.916191	0.883149	
REL_DIST	P	V2	V3		0.31211	-9.963218	-134.432133	-0.352553				0.015873	0.120428	217.709139	0.883149	
					-0.016397	-0.666700	-161.459800					1.00000	9.225325	74.916191	0.883149	
					Program	SAP2000	Nonlinear	Version	7.42			0.015873	0.609142	245.850480		
					File:2교부산방향S1-S403.OUT							Program	SAP2000	Nonlinear	Version	7.42
COMB DL-G2-2 ----- MAX												File:2교부산방향S1-S403.OUT				
REL_DIST	P	V2	V3		0.31211	848	LOAD	>				F R A M E E L E M E N T I N T E R N A L				
					0.012685	0.656275	213.908579	0.364402				COMB CAR ----- MIN				
					0.48408	848	LOAD	>				REL_DIST	P	V2	V3	
					0.012685	0.415229	175.199158	0.364402				T	M2	M3		
					0.65605	848	LOAD	>				0.31211	-13.299744	-151.888111	-0.717667	
					0.012685	0.174041	156.641472	0.364402				-0.016397	-1.368055	-230.205558		
					0.82803	848	LOAD	>				0.48408	-13.299744	-151.888111	-0.717667	
					0.012685	0.055232	181.631317	0.364402				-0.016397	-0.873707	-128.465467		
					1.00000	848	LOAD	>				0.65605	-13.299744	-151.888111	-0.717667	
					0.012685	0.246059	212.073117	0.364402				-0.016397	-0.379137	-64.640582		
COMB DL-G2-2 ----- MIN												0.82803	-13.299744	-151.888111	-0.717667	
REL_DIST	P	V2	V3		0.31211	-7.155834	-106.829882	-0.286037				1.00000	-13.299744	-151.888111	-0.717667	
					-0.015398	-0.542512	-124.933070					-0.016397	-0.789658	-8.471804		
					0.48408	-7.155834	-106.829882	-0.286037				COMB DESIGN ----- MAX				
					-0.015398	-0.349635	-0.021234					REL_DIST	P	V2	V3	
					0.85605	-7.155834	-106.829882	-0.286037				T	M2	M3		
					-0.015398	-0.148513	-18.011404					0.31211	9.225325	74.916191	0.883149	
					0.82803	-7.155834	-106.829882	-0.286037				0.015873	1.645010	277.148806		
					-0.015398	-0.098241	-5.764415					0.48408	9.225325	74.916191	0.883149	
					1.00000	-7.155834	-106.829882	-0.286037				0.65605	9.225325	74.916191	0.883149	
					-0.015398	-0.349635	-0.021234					0.015873	0.609142	245.850480		
COMB DL-G2-3 ----- MAX												COMB DESIGN ----- MIN				
REL_DIST	P	V2	V3		0.31211	9.225325	74.916191	0.721831				REL_DIST	P	V2	V3	
					0.013992	1.334525	277.148806	0.721831				T	M2	M3		
					0.013992	0.847626	228.792832	0.721831				0.31211	-13.299744	-151.888111	-0.717667	
					0.65605	9.225325	74.916191	0.721831				-0.016397	-1.368055	-230.205558		
					0.013992	0.359821	200.930401	0.721831				0.48408	-13.299744	-151.888111	-0.717667	
					-0.015398	-0.100710	217.709139	0.721831				-0.016397	-0.873707	-128.465467		
					1.00000	9.225325	74.916191	0.721831				0.65605	-13.299744	-151.888111	-0.717667	
					0.013992	0.500129	245.850480	0.721831				-0.016397	-0.379137	-64.640582		
					Program	SAP2000	Nonlinear	Version	7.42			0.82803	-13.299744	-151.888111	-0.717667	
					File:2교부산방향S1-S403.OUT							1.00000	-13.299744	-151.888111	-0.717667	
< MOVING Page LOAD >												ELEM 136 ===== LENGTH =				
												COMB DB-G1-1 ----- MAX				
REL_DIST	P	V2	V3		0.31211	850	LOAD	>				REL_DIST	P	V2	V3	
					0.012685	0.656275	213.908579	0.364402				T	M2	M3		
					0.48408	850	LOAD	>				0.00000	1.675580	8.307902	0.352542	
					0.012685	0.415229	175.199158	0.364402				0.002335	0.294219	0.918845	0.352542	
					0.65605	850	LOAD	>				0.17197	1.675580	8.307902	0.352542	
					0.012685	0.174041	156.641472	0.364402				0.002335	0.051349	17.000020	0.352542	
					0.82803	850	LOAD	>				0.34395	1.675580	8.307902	0.352542	
					0.012685	0.055232	181.631317	0.364402				0.002335	0.364356	53.338434	0.352542	
					1.00000	850	LOAD	>				0.68789	1.675580	8.307902	0.352542	
					0.012685	0.246059	212.073117	0.364402				0.002335	0.572432	71.576947		
COMB DL-G2-3 ----- MIN												COMB DB-G1-1 ----- MIN				
REL_DIST	P	V2	V3		0.31211	-12.374854	-137.897477	-0.698808				REL_DIST	P	V2	V3	
					-0.012673	-1.332831	-212.652239	-0.698808				T	M2	M3		
					0.48408	-12.374854	-137.897477	-0.698808				0.00000	-3.733379	-26.485021	-0.302102	
					-0.012673	-0.851482	-120.032522	-0.698808				-0.000709	-0.529880	-5.598769	-0.302102	
					0.65605	-12.374854	-137.897477	-0.698808				0.17197	-3.733379	-26.485021	-0.302102	
					-0.012673	-0.369918	-62.927817	-0.698808				0.34395	-3.733379	-26.485021	-0.302102	
					0.82803	-12.374854	-137.897477	-0.698808				0.000709	-0.434230	-22.359072	-0.302102	
					0.014633	0.117554	160.621580	0.852486				0.68789	-3.733379	-26.485021	-0.302102	
					1.00000	2.850278	30.110365	0.852486				-0.000709	0.343230	-22.359072	-0.302102	
					0.014633	0.593055	210.265477					0.00000	-0.000000	-0.000000	-0.302102	
COMB DL-G1-2 ----- MIN												COMB DB-G1-2 ----- MAX				
REL_DIST	P	V2	V3		0.31211	-12.374854	-137.897477	-0.698808				REL_DIST	P	V2	V3	
					-0.012673	-1.332831	-212.652239	-0.698808				T	M2	M3		
					0.48408	-12.374854	-137.897477	-0.698808				0.00000	7.032192	119.148464	0.536604	
					-0.012673	-0.851482	-120.032522	-0.698808				0.01618	0.449281	203.124418	0.536604	
					0.65605	-12.374854	-137.897477	-0.698808				0.17197	7.032192	119.148464	0.536604	
					-0.012673	-0.369918	-62.927817	-0.698808				0.01618	0.065797	148.227684		
					0.82803	-12.374854	-137.897477	-0.698808				0.34395	7.032192	119.148464	0.536604	
					0.014633	0.117554	160.62158									

0.68789	9.044612	133.909672	0.558492
0.016498	0.808914	204.999426	
COMB DB-G1-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.697472	-58.815815	-0.427510
-0.015212	-0.388597	-0.001819	
0.17197	-6.697472	-58.815815	-0.427510
-0.015212	-0.115133	-8.256369	
0.34395	-6.697472	-58.815815	-0.427510
-0.015212	-0.305414	-28.461520	
0.51592	-6.697472	-58.815815	-0.427510
-0.015212	-0.689796	-71.576741	
0.68789	-6.697472	-58.815815	-0.427510
-0.015212	-1.074431	-159.607192	
COMB DB-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	3.818115	26.166425	0.123730
0.000781	0.111234	0.921517	
0.17197	3.818115	26.166425	0.123730
0.000781	0.026056	1.866442	
0.34395	3.818115	26.166425	0.123730
0.000781	0.039538	6.466889	
0.51592	3.818115	26.166425	0.123730
0.000781	0.089362	12.164806	
0.68789	3.818115	26.166425	0.123730
0.000781	0.139174	18.018540	
COMB DB-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.646592	-8.520433	-0.072329
-0.002419	-0.000498	-5.804400	
0.17197	-1.646592	-8.520433	-0.072329
-0.002419	-0.010324	-18.820541	
0.34395	-1.646592	-8.520433	-0.072329
-0.002419	-0.059257	-36.399990	
0.51592	-1.646592	-8.520433	-0.072329
-0.002419	-0.144464	-54.297034	
0.68789	-1.646592	-8.520433	-0.072329
-0.002419	-0.229649	-72.296685	
COMB DB-G2-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	9.130805	130.950724	0.244230
0.014114	0.214032	202.885547	
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F R A M E E L E M E N T I N T E R N A L			
REL_DIST	P	V2	V3
T	M2	M3	
0.17197	9.130805	130.950724	0.244230
0.34395	9.130805	130.950724	0.244230
0.014114	0.066950	90.901206	
0.51592	9.130805	130.950724	0.244230
0.014114	0.158986	88.226542	
0.68789	9.130805	130.950724	0.244230
0.014114	0.251136	106.194793	
COMB DB-G2-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.222612	-29.340673	-0.133796
-0.015596	-0.137742	-0.025314	
0.17197	-3.222612	-29.340673	-0.133796
-0.015596	-0.061011	-17.482355	
0.34395	-3.222612	-29.340673	-0.133796
-0.015596	-0.127850	-37.927461	
0.51592	-3.222612	-29.340673	-0.133796
-0.015596	-0.296029	-80.241153	
0.68789	-3.222612	-29.340673	-0.133796
-0.015596	-0.464210	-166.403892	
COMB DB-G2-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.396181	150.221788	0.472985
0.015994	0.402551	230.008957	
0.17197	10.396181	150.221788	0.472985
0.015994	0.083109	165.266598	
0.34395	10.396181	150.221788	0.472985
0.015994	0.165858	115.512600	
0.51592	10.396181	150.221788	0.472985
0.015994	0.390494	121.085177	
0.68789	10.396181	150.221788	0.472985
0.015994	0.615194	147.905212	
COMB DB-G2-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-5.423928	-42.439287	-0.326315
-0.016105	-0.304550	-0.030619	
0.17197	-5.263300	-42.439287	-0.326315
-0.016105	-0.095463	-16.458041	
0.34395	-5.263300	-42.439287	-0.326315
-0.016105	-0.254959	-38.194703	
0.51592	-5.263300	-42.439287	-0.326315
-0.016105	-0.586322	-91.953741	
0.68789	-5.263300	-42.439287	-0.326315
-0.016105	-0.906319	-191.264348	
COMB DL-G1-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	1.493059	10.286169	0.526209
0.002782	0.439400	1.294760	
0.17197	1.493059	10.286169	0.526209
0.002782	0.076129	26.694617	
0.34395	1.493059	10.286169	0.526209
0.002782	0.245755	56.695969	
0.51592	1.493059	10.286169	0.526209
0.002782	0.571115	86.842289	
0.68789	1.493059	10.286169	0.526209
0.002782	0.896536	117.042366	
COMB DL-G1-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-6.493904	-43.912808	-0.472307
-0.000725	-0.404355	-8.472389	
0.17197	-6.493904	-43.912808	-0.472307
-0.000725	-0.077968	-11.283145	
0.34395	-6.493904	-43.912808	-0.472307
-0.000725	-0.284602	-18.116773	
0.51592	-6.493904	-43.912808	-0.472307
-0.000725	-0.647352	-25.085214	
0.68789	-6.493904	-43.912808	-0.472307
-0.000725	-1.090905	-32.119043	
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F R A M E E L E M E N T I N T E R N A L			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.547832	106.774256	0.818182
0.015341	0.679917	210.411455	
0.17197	6.547832	106.774256	0.818182
0.015341	0.124535	179.883434	
0.34395	6.547832	106.774256	0.818182
0.015341	0.361832	155.459234	
0.51592	6.547832	106.774256	0.818182
0.015341	0.843016	174.680129	
0.68789	6.547832	106.774256	0.818182
0.015341	1.324887	214.022085	
COMB DL-G1-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-8.481405	-61.288670	-0.702202
-0.012669	-0.638567	-0.002012	
0.17197	-8.481405	-61.288670	-0.702202
-0.012669	-0.154780	-5.555346	
0.34395	-8.481405	-61.288670	-0.702202
-0.012669	-0.447681	-17.949883	
0.51592	-8.481405	-61.288670	-0.702202
-0.012669	-1.004451	-53.720342	
0.68789	-8.481405	-61.288670	-0.702202
-0.012669	-1.562000	-124.962709	
COMB DL-G1-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	10.103050	128.059872	0.856593
0.015385	0.719118	245.400717	
0.17197	10.103050	128.059872	0.856593
0.015385	0.133773	216.625625	
0.34395	10.103050	128.059872	0.856593
0.015385	0.364656	200.022078	
0.51592	10.103050	128.059872	0.856593
0.015385	0.851866	228.404382	
0.68789	10.103050	128.059872	0.856593
0.015385	1.339763	277.274718	
COMB DL-G1-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-9.436192	-75.659071	-0.710915
-0.014095	-0.648753	-0.001672	
0.17197	-9.436192	-75.659071	-0.710915
-0.014095	-0.160782	-10.169037	
0.34395	-9.436192	-75.659071	-0.710915
-0.014095	-0.469619	-34.808273	
0.51592	-9.436192	-75.659071	-0.710915
-0.014095	-1.057324	-84.375302	
0.68789	-9.436192	-75.659071	-0.710915
-0.014095	-1.645794	-169.852956	
COMB DL-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	6.737112	43.260062	0.174267
0.000811	0.156512	1.281667	
0.17197	6.737112	43.260062	0.174267
0.000811	0.036405	4.148321	
0.34395	6.737112	43.260062	0.174267
0.000811	0.060981	10.801246	
0.51592	6.737112	43.260062	0.174267
0.000811	0.138553	17.734786	
0.68789	6.737112	43.260062	0.174267
0.000811	0.216627	24.746505	
COMB DL-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-1.683240	-10.295929	-0.112880
-0.002838	-0.094099	-7.011233	
0.17197	-1.683240	-10.295929	-0.112880
-0.002838	-0.015851	-32.685921	
0.34395	-1.683240	-10.295929	-0.112880
-0.002838	-0.002638	-0.017931	
0.51592	-1.683240	-10.295929	-0.112880
-0.002838	-0.203055	-91.553997	
0.68789	-1.683240	-10.295929	-0.112880
-0.002838	-0.323220	-121.295741	
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			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.233496	137.083522	0.373410
0.012881	0.326479	212.214990	
0.17197	12.233496	137.083522	0.373410
0.012881	0.073873	160.679423	
0.34395	12.233496	137.083522	0.373410
0.012881	0.128915	114.954267	
0.51592	12.233496	137.083522	0.373410
0.012881	0.301587	112.771700	
0.68789	12.233496	137.083522	0.373410
0.012881	0.476111	130.697835	
COMB DL-G2-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-3.310147	-30.210613	-0.255464
-0.014970	-0.256647	-0.021075	
0.17197	-3.310147	-30.210613	-0.255464
-0.014970	-0.081516	-26.381545	
0.34395	-3.310147	-30.210613	-0.255464
-0.014970	-0.197436	-59.595866	
0.51592	-3.310147	-30.210613	-0.255464
-0.014970	-0.452058	-116.239238	
0.68789	-3.310147	-30.210613	-0.255464
-0.014970	-0.707575	-208.352466	
COMB DL-G2-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.940811	151.218919	0.714837
0.014695	0.607286	245.993325	
0.17197	12.940811	151.218919	0.714837
0.014695	0.118899	197.672101	
0.34395	12.940811	151.218919	0.714837
0.014695	0.287488	162.446638	
0.51592	12.940811	151.218919	0.714837
0.014695	0.672234	174.046685	
0.68789	12.940811	151.218919	0.714837
0.014695	1.058472	206.449172	

COMB DL-G2-3 ----- MIN									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		-6.827521		-52.125645		-0.562913			
-0.015195		-0.521229		-0.026453					
0.17197		-6.827521		-52.125645		-0.562913			
-0.015195		-0.133551		-25.163547					
0.34395		-6.827521		-52.125645		-0.562913			
-0.015195		-0.366283		-52.980517					
0.51592		-6.827521		-52.125645		-0.562913			
-0.015195		-0.876332		-125.211235					
0.68789		-6.827521		-52.125645		-0.562913			
-0.015195		-1.367070		-226.560563					
COMB DB ----- MAX									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		10.396181		150.221788		0.558492			
0.016498		0.469786		230.131030					
0.17197		10.396181		150.221788		0.558492			
-0.016498		0.091540		187.001404		0.558492			
0.34395		10.396181		150.221788		0.558492			
-0.016498		0.220644		149.668479		0.558492			
0.51592		10.396181		150.221788		0.558492			
0.016498		0.515312		166.768304					
0.68789		10.396181		150.221788		0.558492			
0.016498		0.809814		204.999426					
COMB DB ----- MIN									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		-6.697472		-58.815815		-0.427510			
-0.016105		-0.388597		-5.804400					
0.17197		-6.697472		-58.815815		-0.427510			
-0.016105		-0.115133		-18.820541					
0.34395		-6.697472		-58.815815		-0.427510			
-0.016105		-0.305414		-38.194703					
0.51592		-6.697472		-58.815815		-0.427510			
-0.016105		-0.689796		-91.953741					
0.68789		-6.697472		-58.815815		-0.427510			
-0.016105		-1.074431		-191.264348					
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FRAME ELEMENT INTERNAL FORCES									
COMB		DL		-----		MAX			
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		12.940811		151.218919		0.856593			
0.015385		0.719118		245.993325					
0.17197		12.940811		151.218919		0.856593			
0.015385		0.133773		216.625625					
0.34395		12.940811		151.218919		0.856593			
-0.015385		0.364659		200.022078					
0.51592		12.940811		151.218919		0.856593			
0.015385		0.851866		228.043812					
0.68789		12.940811		151.218919		0.856593			
0.015385		1.339763		277.274718					
COMB DL ----- MIN									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		-9.436192		-75.659071		-0.710915			
-0.015195		-0.648753		-8.473289					
0.17197		-9.436192		-75.659071		-0.710915			
0.015195		-0.167082		-32.685921					
0.34395		-9.436192		-75.659071		-0.710915			
-0.015195		-0.496619		-61.911938					
0.51592		-9.436192		-75.659071		-0.710915			
-0.015195		-1.057324		-125.211235					
0.68789		-9.436192		-75.659071		-0.710915			
0.015195		-1.645794		-226.560563					
COMB CAR ----- MAX									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		12.940811		151.218919		0.856593			
0.016498		0.719118		245.993325					
0.17197		12.940811		151.218919		0.856593			
0.016498		0.133773		216.625625					
0.34395		12.940811		151.218919		0.856593			
-0.016498		0.364659		200.022078					
0.51592		12.940811		151.218919		0.856593			
0.016498		0.851866		228.043812					
0.68789		12.940811		151.218919		0.856593			
0.016498		1.339763		277.274718					
COMB CAR ----- MIN									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		-9.436192		-75.659071		-0.710915			
-0.016105		-0.648753		-8.473289					
0.17197		-9.436192		-75.659071		-0.710915			
-0.016105		-0.167082		-32.685921					
0.34395		-9.436192		-75.659071		-0.710915			
-0.016105		-0.496619		-61.911938					
0.51592		-9.436192		-75.659071		-0.710915			
-0.016105		-1.057324		-125.211235					
0.68789		-9.436192		-75.659071		-0.710915			
-0.016105		-1.645794		-226.560563					
COMB DESIGN ----- MAX									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		12.940811		151.218919		0.856593			
0.016498		0.719118		245.993325					
0.17197		12.940811		151.218919		0.856593			
0.016498		0.133773		216.625625					
0.34395		12.940811		151.218919		0.856593			
-0.016498		0.364659		200.022078					
0.51592		12.940811		151.218919		0.856593			
0.016498		0.851866		228.043812					
0.68789		12.940811		151.218919		0.856593			
0.016498		1.339763		277.274718					
COMB DESIGN ----- MIN									
REL_DIST		P		V2		V3			
T		M2		M3					
0.00000		-9.436192		-75.659071		-0.710915			
-0.016105		-0.648753		-8.473289					
0.17197		-9.436192		-75.659071		-0.710915			
-0.016105		-0.167082		-32.685921					
0.34395		-9.436192		-75.659071		-0.710915			
-0.016105		-0.496619		-61.911938					
0.51592		-9.436192		-75.659071		-0.710915			
-0.016105		-1.057324		-125.211235					
0.68789		-9.436192		-75.659071		-0.710915			
-0.016105		-1.645794		-226.560563					
Program SAP2000 Nonlinear Version 7.42									
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0.028650.51864559.4842820.500884

0.687900.43895426.145495

0.0028650.81357579.937907

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

-2.692572

-29.747935

-0.428196

-2.57E-05

-0.365866

-8.287042

0.17197

-2.692572

-29.747935

-0.428196

-0.57E-05

-0.970163

-23.557439

0.34395

-2.692572

-29.747935

-0.428196

-2.57E-05

-0.267814

-41.385182

0.51592

-2.692572

-29.747935

-0.428196

-2.57E-05

-0.613196

-59.313706

0.68790

-2.692572

-29.747935

-0.428196

-2.57E-05

-0.958844

-128.8431

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

9.646614

126.912899

0.767992

0.015344

0.648393

214.758239

0.767992

0.17197

9.646614

126.912899

0.767992

0.015344

0.520882

170.545735

0.767992

0.34395

9.646614

126.912899

0.767992

0.015344

0.322231

135.155605

0.767992

0.51592

9.646614

126.912899

0.767992

0.015344

0.748041

141.772664

0.767992

0.68790

9.646614

126.912899

0.767992

0.015344

1.736997

169.781892

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

-3.878330

-44.737182

-0.619485

-0.011947

-0.562852

-0.083877

0.17197

-3.878330

-44.737182

-0.619485

-0.011947

-0.141343

-16.979248

0.34395

-3.878330

-44.737182

-0.619485

-0.011947

-0.426184

-43.121632

0.51592

-3.878330

-44.737182

-0.619485

-0.011947

-0.953188

-90.996289

0.68790

-3.878330

-44.737182

-0.619485

-0.011947

-1.481340

-175.949111

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

10.771311

139.446986

0.848750

0.014986

0.716701

250.642007

0.848750

0.17197

10.771311

139.446986

0.848750

0.014986

0.341718

221.114264

0.848750

0.34395

10.771311

139.446986

0.848750

0.014986

0.333617

203.255572

0.848750

0.51592

10.771311

139.446986

0.848750

0.014986

0.779721

228.303882

0.848750

0.68790

10.771311

139.446986

0.848750

0.014986

1.227445

275.235589

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

-6.892092

-72.777617

-0.651285

0.013651

-0.596764

-0.086999

0.17197

-6.892092

-72.777617

-0.651285

-0.013651

-0.152861

-19.239634

0.34395

-6.892092

-72.777617

-0.651285

-0.013651

-0.469156

-51.993238

0.51592

-6.892092

-72.777617

-0.651285

-0.013651

-1.051682

-107.539675

0.68790

-6.892092

-72.777617

-0.651285

-0.013651

-1.635442

-200.700840

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

2.844010

29.882206

0.215750

3.55E-05

0.188988

1.462624

0.17197

2.844010

29.882206

0.215750

3.55E-05

0.040303

13.827717

0.34395

2.844010

29.882206

0.215750

3.55E-05

0.070376

31.010386

0.51592

2.844010

29.882206

0.215750

3.55E-05

0.166315

49.234449

0.68790

2.844010

29.882206

0.215750

3.55E-05

0.261990

67.517571

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

-4.234813

-26.605093

-0.138870

-0.002991

-0.120208

-0.926692

0.17197

-4.234813

-26.605093

-0.138870

-0.002991

-0.023883

-21.808194

0.34395

-4.234813

-26.605093

-0.138870

-0.002991

-0.107528

-41.945911

-0.002991

-0.256349

-62.413961

0.68790

-4.234813

-26.605093

-0.138870

-0.002991

-0.405023

-82.956832

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

7.784340

122.289320

0.415873

0.011970

0.361740

215.360683

0.415873

0.17197

7.784340

122.289320

0.415873

0.011970

0.077362

179.345207

0.415873

0.34395

7.784340

122.289320

0.415873

0.011970

0.147521

147.752131

0.415873

0.51592

7.784340

122.289320

0.415873

0.011970

0.311406

158.160824

0.415873

0.68790

7.784340

122.289320

0.415873

0.011970

0.491511

189.934675

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

-6.148100

-50.230898

-0.263201

-0.015351

-0.623237

-0.081093

0.17197

-6.148100

-50.230898

-0.263201

-0.015351

-0.086490

-17.744565

0.34395

-6.148100

-50.230898

-0.263201

COMB DESIGN-----MAX

REL_DIST

T

M2

P

M3

V2

V3

0.00000

7.759407

157.459333

0.848750

0.016004

0.716701

250.754934

0.848750

0.17197

7.759407

157.459333

0.848750

0.016004

0.341718

221.114264

0.848750

0.34395

7.759407

157.459333

0.848750

0.016004

0.333617

203.255572

0.848750

0.51592

7.759407

157.459333

0.848750

0.016004

0.779721

228.303882

0.848750

0.68790

7.759407

157.459333

0.848750

0.016004

1.227445

275.235589

COMB DESIGN-----MIN

REL_DIST

T

M2

P

M3

V2

V3

0.00000

-7.515413

-72.777617

-0.651285

-0.016064

-0.596764

-8.287042

0.17197

-7.515413

-72.777617

-0.651285

-0.016064

-0.152861

-24.155750

0.34395

-7.515413

-72.777617

-0.651285

-0.016064

-0.469156

-53.830244

0.51592

-7.515413

-72.777617

-0.651285

-0.016064

-1.051682

-116.508384

0.68790

-7.515413

-72.777617

-0.651285

-0.016064

-1.635442

-216.734180

COMB DESIGN-----MAX

REL_DIST

T

M2

P

M3

V2

V3

0.00000

10.645960

149.673398

0.732299

0.013865

0.622709

250.754934

0.732299

0.17197

10.645960

149.673398

0.732299

0.013865

0.120107

205.057838

0.732299

0.34395

10.645960

149.673398

0.732299

0.013865

0.270784

177.771242

0.732299

0.51592

10.645960

149.673398

0.732299

0.013865

0.636140

195.773525

0.732299

0.68790

10.645960

149.673398

0.732299

0.013865

1.001521

235.688682

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

-7.195342

-62.650943

-0.531952

-0.015126

-0.493570

-0.083847

0.17197

-7.195342

-62.650943

-0.531952

-0.015126

-0.131499

-16.880293

0.34395

-7.195342

-62.650943

-0.531952

-0.015126

-0.402223

-53.830244

0.51592

-7.195342

-62.650943

-0.531952

-0.015126

-0.904954

-116.508384

0.68790

-7.195342

-62.650943

-0.531952

-0.015126

-1.408459

-216.734180

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

11.759407

157.459333

0.566967

0.016004

0.469156

234.517589

0.566967

0.17197

11.759407

157.459333

0.566967

0.016004

0.094796

195.261107

0.566967

0.34395

11.759407

157.459333

0.566967

0.016004

0.198520

162.351393

0.566967

0.51592

11.759407

157.459333

0.566967

0.016004

0.469156

234.517589

0.566967

0.68790

11.759407

157.459333

0.566967

0.016004

0.723217

224.917840

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

-7.515413

-65.047414

-0.382851

-0.016064

-0.348064

-6.601349

0.17197

-7.515413

-65.047414

-0.382851

-0.016064

-0.109427

-24.155750

0.34395

-7.515413

-65.047414

-0.382851

-0.016064

-0.312736

-53.011591

0.51592

-7.515413

-65.047414

-0.382851

-0.016064

-0.700286

-106.685049

0.68790

-7.515413

-65.047414

-0.382851

-0.016064

-1.090672

-207.418747

From SAP2000 Nonlinear Version 7.42

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

8.684999

65.546230

0.509712

0.015347

0.923248

210.581061

0.509712

0.48407

8.684999

65.546230

0.509712

0.015347

0.572739

167.412178

0.509712

0.65605

8.684999

65.546230

0.509712

0.015347

0.240727

147.463454

0.509712

0.82802

8.684999

65.546230

0.509712

0.015347

0.055044

178.332160

0.509712

1.00000

8.684999

65.546230

0.509712

0.015347

0.275993

209.450664

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

-6.177516

-115.963729

-0.324019

-0.013089

-0.616724

-122.471896

0.48407

-6.177516

-115.963729

-0.324019

-0.013089

-0.393523

-48.646327

0.65605

-6.177516

-115.963729

-0.324019

-0.013089

-0.170251

-19.240703

0.82802

-6.177516

-115.963729

-0.324019

-0.013089

-0.131603

-9.080411

1.00000

-6.177516

-115.963729

-0.324019

-0.013089

-0.481378

-10.013656

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

6.694521

153.999669

0.579403

0.015510

0.657241

174.059699

0.579403

0.48407

6.694521

153.999669

0.579403

0.015510

0.275994

153.990748

0.579403

0.82802

6.694521

153.999669

0.579403

-0.015510

0.058326

186.099508

0.579403

1.00000

6.694521

153.999669

0.579403

-0.015510

0.303987

237.738973

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

REL_DIST

T

M2

P

M3

V2

V3

0.00000

-11.047025

-156.049853

-0.360151

-0.015001

-0.688261

-203.403324

0.48407

-11.047025</

1.00000	7.531154	69.155176	0.814575
0.014267	0.500858	253.404292	
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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	M2	P	V2
0.31209	-9.681147	-144.719361	-0.592990
-0.013699	-1.132266	-201.660056	-0.592990
0.48407	-9.681147	-144.719361	-0.592990
-0.013699	-0.723722	-105.026359	-0.592990
0.65605	-9.681147	-144.719361	-0.592990
-0.013699	-0.314426	-47.057572	-0.592990
0.82802	-9.681147	-144.719361	-0.592990
-0.013699	-0.181237	-11.753919	-0.592990
1.00000	-9.681147	-144.719361	-0.592990
-0.013699	-0.739686	-0.013582	-0.592990
COMB DL-G2-1 ----- MAX			
REL_DIST	M2	P	V2
0.31209	0.915434	17.471389	0.238862
0.001715	0.456444	48.123024	0.238862
0.48407	0.915434	17.471389	0.238862
0.000175	0.291877	36.124704	0.238862
0.65605	0.915434	17.471389	0.238862
0.000175	0.127535	24.156397	0.238862
0.82802	0.915434	17.471389	0.238862
0.000175	0.030662	12.291333	0.238862
1.00000	0.915434	17.471389	0.238862
0.000175	0.149644	1.417948	0.238862
COMB DL-G2-1 ----- MIN			
REL_DIST	M2	P	V2
0.31209	-5.791369	-38.282472	-0.172961
-0.002385	-0.326132	-112.849928	-0.172961
0.48407	-5.791369	-38.282472	-0.172961
-0.002385	-0.206910	-68.535707	-0.172961
0.65605	-5.791369	-38.282472	-0.172961
-0.002385	-0.087535	-60.263390	-0.172961
0.82802	-5.791369	-38.282472	-0.172961
-0.002385	-0.037182	-34.094631	-0.172961
1.00000	-5.791369	-38.282472	-0.172961
-0.002385	-0.201334	-8.744372	-0.172961
COMB DL-G2-2 ----- MAX			
REL_DIST	M2	P	V2
0.31209	1.673360	30.644018	0.443321
0.0012054	0.904121	131.030427	0.443321
0.48407	1.673360	30.644018	0.443321
0.012054	0.498993	113.779410	0.443321
0.65605	1.673360	30.644018	0.443321
0.012054	0.209258	117.451395	0.443321
0.82802	1.673360	30.644018	0.443321
0.012054	0.050057	162.100078	0.443321
1.00000	1.673360	30.644018	0.443321
0.012054	0.243612	216.600480	0.443321
COMB DL-G2-2 ----- MIN			
REL_DIST	M2	P	V2
0.31209	-11.721020	-141.576069	-0.286196
-0.014966	-0.544230	-214.827806	-0.286196
0.48407	-11.721020	-141.576069	-0.286196
-0.014966	-0.346988	-119.918196	-0.286196
0.65605	-11.721020	-141.576069	-0.286196
-0.014966	-0.149417	-63.176991	-0.286196
0.82802	-11.721020	-141.576069	-0.286196
-0.014966	-0.112692	-26.711156	-0.286196
1.00000	-11.721020	-141.576069	-0.286196
-0.014966	-0.416091	-0.018847	-0.286196
COMB DL-G2-3 ----- MAX			
REL_DIST	M2	P	V2
0.31209	5.741529	66.209028	0.723743
0.013283	1.302427	268.304247	0.723743
0.48407	5.741529	66.209028	0.723743
0.013283	0.829850	224.688438	0.723743
0.65605	5.741529	66.209028	0.723743
0.013283	0.346782	203.006770	0.723743
0.82802	5.741529	66.209028	0.723743
0.013283	0.098206	222.999287	0.723743
1.00000	5.741529	66.209028	0.723743
0.013283	0.432842	253.049100	0.723743
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COMB DL-G2-3 ----- MIN			
REL_DIST	M2	P	V2
0.31209	-11.528147	-145.727675	-0.510243
-0.014655	-0.972157	-221.297027	-0.510243
0.48407	-11.528147	-145.727675	-0.510243
-0.014655	-0.620668	-123.971170	-0.510243
0.65605	-11.528147	-145.727675	-0.510243
-0.014655	-0.268868	-64.953934	-0.510243
0.82802	-11.528147	-145.727675	-0.510243
-0.014655	-0.167957	-26.673237	-0.510243
1.00000	-11.528147	-145.727675	-0.510243
-0.014655	-0.663606	-0.020570	-0.510243
COMB DB ----- MAX			
REL_DIST	M2	P	V2
0.31209	8.684999	66.945521	0.579403
0.015510	1.055740	225.134257	0.579403
0.48407	8.684999	66.945521	0.579403
0.015510	0.864999	66.945521	0.579403
0.65605	8.684999	66.945521	0.579403
0.015510	0.277594	164.775072	0.579403
0.82802	8.684999	66.945521	0.579403
0.015510	0.058326	198.431450	0.579403
1.00000	8.684999	66.945521	0.579403
0.015510	0.303987	237.738973	0.579403
COMB DB ----- MIN			
REL_DIST	M2	P	V2
0.31209	-13.367282	-158.810472	-0.360151
-0.015804	-0.688281	-226.827170	-0.360151
0.48407	-13.367282	-158.810472	-0.360151
-0.015804	-0.440193	-123.696495	-0.360151
0.65605	-13.367282	-158.810472	-0.360151
-0.015804	-0.192033	-66.052780	-0.360151

0.82802	-13.367282	-158.810472	-0.360151
-0.015804	-0.142942	-33.240683	-0.360151
1.00000	-13.367282	-158.810472	-0.360151
-0.015804	-0.540864	-7.145653	-0.360151
COMB DL ----- MAX			
REL_DIST	M2	P	V2
0.31209	7.717719	69.155176	0.814575
0.014382	1.502257	268.304247	0.814575
0.48407	7.717719	69.155176	0.814575
0.014382	0.940966	224.688438	0.814575
0.65605	7.717719	69.155176	0.814575
0.014382	0.394937	203.006770	0.814575
0.82802	7.717719	69.155176	0.814575
0.014382	0.097637	222.999287	0.814575
1.00000	7.717719	69.155176	0.814575
0.014382	0.500858	253.404292	0.814575
COMB DL ----- MIN			
REL_DIST	M2	P	V2
0.31209	-11.721020	-145.727675	-0.592990
-0.014966	-1.132266	-221.297027	-0.592990
0.48407	-11.721020	-145.727675	-0.592990
-0.014966	-0.723722	-123.971170	-0.592990
0.65605	-11.721020	-145.727675	-0.592990
-0.014966	-0.314426	-47.057572	-0.592990
0.82802	-11.721020	-145.727675	-0.592990
-0.014966	-0.181237	-34.094631	-0.592990
1.00000	-11.721020	-145.727675	-0.592990
-0.014966	-0.739686	-8.744372	-0.592990
COMB CAR ----- MAX			
REL_DIST	M2	P	V2
0.31209	8.684999	69.155176	0.814575
0.015510	1.502257	268.304247	0.814575
0.48407	8.684999	69.155176	0.814575
0.015510	0.940966	224.688438	0.814575
0.65605	8.684999	69.155176	0.814575
0.015510	0.394937	203.006770	0.814575
0.82802	8.684999	69.155176	0.814575
0.015510	0.097637	222.999287	0.814575
1.00000	8.684999	69.155176	0.814575
0.015510	0.500858	253.404292	0.814575
COMB DESIGN ----- MAX			
REL_DIST	M2	P	V2
0.31209	8.684999	69.155176	0.814575
0.015510	1.502257	268.304247	0.814575
0.48407	8.684999	69.155176	0.814575
0.015510	0.940966	224.688438	0.814575
0.65605	8.684999	69.155176	0.814575
0.015510	0.394937	203.006770	0.814575
0.82802	8.684999	69.155176	0.814575
0.015510	0.097637	222.999287	0.814575
1.00000	8.684999	69.155176	0.814575
0.015510	0.500858	253.404292	0.814575
COMB DESIGN ----- MIN			
REL_DIST	M2	P	V2
0.31209	-13.367282	-158.810472	-0.592990
-0.015804	-1.132266	-226.827170	-0.592990
0.48407	-13.367282	-158.810472	-0.592990
-0.015804	-0.723722	-123.971170	-0.592990
0.65605	-13.367282	-158.810472	-0.592990
-0.015804	-0.314426	-46.052780	-0.592990
0.82802	-13.367282	-158.810472	-0.592990
-0.015804	-0.181237	-34.094631	-0.592990
1.00000	-13.367282	-158.810472	-0.592990
-0.015804	-0.739686	-8.744372	-0.592990
ELEM 140 ----- LENGTH = 4.004198			
COMB DB-G1-1 ----- MAX			
REL_DIST	M2	P	V2
0.00000	6.436765	38.336484	0.294383
0.002182	0.248725	0.973939	0.294383
0.17196	6.436765	38.336484	0.294383
0.002182	0.048277	8.794610	0.294383
0.34391	6.436765	38.336484	0.294383
0.002182	0.123453	17.890899	0.294383
0.51587	6.436765	38.336484	0.294383
0.002182	0.286132	27.028820	0.294383
0.68783	6.436765	38.336484	0.294383
0.002182	0.448804	36.189217	0.294383
COMB DB-G1-1 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.202135	-5.684742	-0.236274
0.17196	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.039430	-31.959141	-0.236274
0.34391	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.156892	-58.264982	-0.236274
0.51587	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.359537	-61.611228	-0.236274
0.68783	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.562231	-110.996418	-0.236274
COMB DB-G1-2 ----- MAX			
REL_DIST	M2	P	V2
0.00000	13.052466	155.555453	0.456904
0.015754	0.391566	209.133148	0.456904
0.17196	13.052466	155.555453	0.456904
0.015754	0.079894	141.470558	0.456904
0.34391	13.052466	155.555453	0.456904
0.015754	0.170008	82.715245	0.456904
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COMB CAR ----- MIN			
REL_DIST	M2	P	V2
0.31209	-13.367282	-158.810472	-0.592990
-0.015804	-1.132266	-226.827170	-0.592990
0.48407	-13.367282	-158.810472	-0.592990
-0.015804	-0.723722	-123.971170	-0.592990
0.65605	-13.367282	-158.810472	-0.592990
-0.015804	-0.314426	-46.052780	-0.592990
0.82802	-13.367282	-158.810472	-0.592990
-0.015804	-0.181237	-34.094631	-0.592990
1.00000	-13.367282	-158.810472	-0.592990
-0.015804	-0.739686	-8.744372	-0.592990
COMB DESIGN ----- MAX			
REL_DIST	M2	P	V2
0.31209	8.684999	69.155176	0.814575
0.015510	1.502257	268.304247	0.814575
0.48407	8.684999	69.155176	0.814575
0.015510	0.940966	224.688438	0.814575
0.65605	8.684999	69.155176	0.814575
0.015510	0.394937	203.006770	0.814575
0.82802	8.684999	69.155176	0.814575
0.015510	0.097637	222.999287	0.814575
1.00000	8.684999	69.155176	0.814575
0.015510	0.500858	253.404292	0.814575
COMB DESIGN ----- MIN			
REL_DIST	M2	P	V2
0.31209	-13.367282	-158.810472	-0.592990
-0.015804	-1.132266	-226.827170	-0.592990
0.48407	-13.367282	-158.810472	-0.592990
-0.015804	-0.723722	-123.971170	-0.592990
0.65605	-13.367282	-158.810472	-0.592990
-0.015804	-0.314426	-46.052780	-0.592990
0.82802	-13.367282	-158.810472	-0.592990
-0.015804	-0.181237	-34.094631	-0.592990
1.00000	-13.367282	-158.810472	-0.592990
-0.015804	-0.739686	-8.744372	-0.592990
ELEM 140 ----- LENGTH = 4.004198			
COMB DB-G1-1 ----- MAX			
REL_DIST	M2	P	V2
0.00000	6.436765	38.336484	0.294383
0.002182	0.248725	0.973939	0.294383
0.17196	6.436765	38.336484	0.294383
0.002182	0.048277	8.794610	0.294383
0.34391	6.436765	38.336484	0.294383
0.002182	0.123453	17.890899	0.294383
0.51587	6.436765	38.336484	0.294383
0.002182	0.286132	27.028820	0.294383
0.68783	6.436765	38.336484	0.294383
0.002182	0.448804	36.189217	0.294383
COMB DB-G1-1 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.202135	-5.684742	-0.236274
0.17196	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.039430	-31.959141	-0.236274
0.34391	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.156892	-58.264982	-0.236274
0.51587	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.359537	-61.611228	-0.236274
0.68783	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.562231	-110.996418	-0.236274
COMB DB-G1-2 ----- MAX			
REL_DIST	M2	P	V2
0.00000	13.052466	155.555453	0.456904
0.015754	0.391566	209.133148	0.456904
0.17196	13.052466	155.555453	0.456904
0.015754	0.079894	141.470558	0.456904
0.34391	13.052466	155.555453	0.456904
0.015754	0.170008	82.715245	0.456904
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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	M2	P	V2
0.31209	-13.367282	-158.810472	-0.592990
-0.015804	-1.132266	-226.827170	-0.592990
0.48407	-13.367282	-158.810472	-0.592990
-0.015804	-0.723722	-123.971170	-0.592990
0.65605	-13.367282	-158.810472	-0.592990
-0.015804	-0.314426	-46.052780	-0.592990
0.82802	-13.367282	-158.810472	-0.592990
-0.015804	-0.181237	-34.094631	-0.592990
1.00000	-13.367282	-158.810472	-0.592990
-0.015804	-0.739686	-8.744372	-0.592990
COMB DESIGN ----- MAX			
REL_DIST	M2	P	V2
0.31209	8.684999	69.155176	0.814575
0.015510	1.502257	268.304247	0.814575
0.48407	8.684999	69.155176	0.814575
0.015510	0.940966	224.688438	0.814575
0.65605	8.684999	69.155176	0.814575
0.015510	0.394937	203.006770	0.814575
0.82802	8.684999	69.155176	0.814575
0.015510	0.097637	222.999287	0.814575
1.00000	8.684999	69.155176	0.814575
0.015510	0.500858	253.404292	0.814575
COMB DESIGN ----- MIN			
REL_DIST	M2	P	V2
0.31209	-13.367282	-158.810472	-0.592990
-0.015804	-1.132266	-226.827170	-0.592990
0.48407	-13.367282	-158.810472	-0.592990
-0.015804	-0.723722	-123.971170	-0.592990
0.65605	-13.367282	-158.810472	-0.592990
-0.015804	-0.314426	-46.052780	-0.592990
0.82802	-13.367282	-158.810472	-0.592990
-0.015804	-0.181237	-34.094631	-0.592990
1.00000	-13.367282	-158.810472	-0.592990
-0.015804	-0.739686	-8.744372	-0.592990
ELEM 140 ----- LENGTH = 4.004198			
COMB DB-G1-1 ----- MAX			
REL_DIST	M2	P	V2
0.00000	6.436765	38.336484	0.294383
0.002182	0.248725	0.973939	0.294383
0.17196	6.436765	38.336484	0.294383
0.002182	0.048277	8.794610	0.294383
0.34391	6.436765	38.336484	0.294383
0.002182	0.123453	17.890899	0.294383
0.51587	6.436765	38.336484	0.294383
0.002182	0.286132	27.028820	0.294383
0.68783	6.436765	38.336484	0.294383
0.002182	0.448804	36.189217	0.294383
COMB DB-G1-1 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.202135	-5.684742	-0.236274
0.17196	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.039430	-31.959141	-0.236274
0.34391	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.156892	-58.264982	-0.236274
0.51587	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.359537	-61.611228	-0.236274
0.68783	-0.929742	-13.306079	-0.236274
-2.27E-05	-0.562231	-110.996418	-0.236274
COMB DB-G1-2 ----- MAX			
REL_DIST	M2	P	V2
0.00000	13.052466	155.555453	0.456904
0.015754	0.391566	209.133148	0.456904
0.17196	13.052466	155.555453	0.456904
0.015754	0.079894	141.470558	0.456904
0.34391	13.052466	155.555453	0.456904
0.015754	0.170008	82.715245	0.456904
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0.00000 5.409241 107.960501 0.428272
0.011994 0.367814 216.566182 0.428272
0.17196 0.540924 107.960501 0.428272
0.01994 0.075032 192.658036 0.428272
0.34391 5.409241 107.960501 0.428272
0.011994 0.144479 171.213142 0.428272
0.51587 5.409241 107.960501 0.428272
0.011994 0.345247 191.348667 0.428272
0.68783 5.409241 107.960501 0.428272
0.011994 0.545780 233.252650 0.428272

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

REL_DIST T M2 P M3 V2 V3

0.00000 -7.976383 -65.046125 -0.292699
-0.014732 -0.290317 -0.014631 -0.292699
0.17196 -7.976383 -65.046125 -0.292699
-0.014732 -0.093602 -9.962391 -0.292699
0.34391 -7.976383 -65.046125 -0.292699
-0.014732 -0.241641 -23.075116 -0.292699
0.51587 -7.976383 -65.046125 -0.292699
-0.014732 -0.530672 -56.863039 -0.292699
0.68783 -7.976383 -65.046125 -0.292699
-0.014732 -0.823120 -128.664931 -0.292699

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

REL_DIST T M2 P M3 V2 V3

0.00000 9.438492 144.842526 0.695554
0.013628 0.588796 253.029833 0.695554
0.17196 9.438492 144.842526 0.695554
0.013628 0.111392 208.611310 0.695554
0.34391 9.438492 144.842526 0.695554
0.013628 0.262043 186.261138 0.695554
0.51587 9.438492 144.842526 0.695554
0.013628 0.617034 208.176588 0.695554
0.68783 9.438492 144.842526 0.695554
0.013628 0.971837 252.394385 0.695554

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

REL_DIST T M2 P M3 V2 V3

0.00000 -7.781640 -69.085410 -0.516774
-0.014570 -0.481388 -0.016513 -0.516774
0.17196 -7.781640 -69.085410 -0.516774
-0.014570 -0.130118 -10.115441 -0.516774
0.34391 -7.781640 -69.085410 -0.516774
-0.014570 -0.387067 -45.180743 -0.516774
0.51587 -7.781640 -69.085410 -0.516774
-0.014570 -0.860290 -103.462958 -0.516774
0.68783 -7.781640 -69.085410 -0.516774
-0.014570 -1.337127 -200.227104 -0.516774

COMB DB ----- MAX

REL_DIST T M2 P M3 V2 V3

0.00000 13.052466 159.058495 0.534166
0.015754 0.458206 237.423145 0.534166
0.17196 13.052466 159.058495 0.534166
0.015754 0.093018 196.272642 0.534166
0.34391 13.052466 159.058495 0.534166
0.015754 0.187120 162.425941 0.534166
0.51587 13.052466 159.058495 0.534166
0.015754 0.444250 180.946898 0.534166
0.68783 13.052466 159.058495 0.534166
0.015754 0.701742 222.840779 0.534166

COMB DB ----- MIN

REL_DIST T M2 P M3 V2 V3

0.00000 -8.938553 -66.711140 -0.373932
-0.015740 -0.338675 -7.132666 -0.373932
0.17196 -8.938553 -66.711140 -0.373932
-0.015740 -0.106258 -31.959141 -0.373932
0.34391 -8.938553 -66.711140 -0.373932
-0.015740 -0.629593 -26.729902 -0.373932
0.51587 -8.938553 -66.711140 -0.373932
-0.015740 -0.653400 -122.166644 -0.373932
0.68783 -8.938553 -66.711140 -0.373932
-0.015740 -1.017767 -225.792227 -0.373932

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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL_DIST T M2 P M3 V2 V3

0.00000 11.413653 145.839237 0.776611
0.014873 0.656195 253.388769 0.776611
0.17196 11.413653 145.839237 0.776611
0.014873 0.126001 221.241250 0.776611
0.34391 11.413653 145.839237 0.776611
0.014873 0.305632 201.075542 0.776611
0.51587 11.413653 145.839237 0.776611
0.014873 0.717085 222.824572 0.776611
0.68783 11.413653 145.839237 0.776611
0.014873 1.128928 266.445863 0.776611

COMB DL ----- MIN

REL_DIST T M2 P M3 V2 V3

0.00000 -7.976383 -69.085410 -0.599256
-0.014732 -0.551717 -8.730831 -0.599256
0.17196 -7.976383 -69.085410 -0.599256
-0.014732 -0.143878 -32.739778 -0.599256
0.34391 -7.976383 -69.085410 -0.599256
-0.014732 -0.430665 -62.892414 -0.599256
0.51587 -7.976383 -69.085410 -0.599256
-0.014732 -0.959823 -122.196946 -0.599256
0.68783 -7.976383 -69.085410 -0.599256
-0.014732 -1.492504 -219.624653 -0.599256

COMB CAR ----- MAX

REL_DIST T M2 P M3 V2 V3

0.00000 13.052466 159.058495 0.776611
0.015754 0.656195 253.388769 0.776611
0.17196 13.052466 159.058495 0.776611
0.015754 0.126001 221.241250 0.776611
0.34391 13.052466 159.058495 0.776611
0.015754 0.305632 201.075542 0.776611
0.51587 13.052466 159.058495 0.776611
0.015754 0.717085 222.824572 0.776611
0.68783 13.052466 159.058495 0.776611
0.015754 1.128928 266.445863 0.776611

COMB CAR ----- MIN

REL_DIST T M2 P M3 V2 V3

0.00000 -8.938553 -69.085410 -0.599256
-0.015740 -0.338675 -7.132666 -0.599256
0.17196 -8.938553 -69.085410 -0.599256
-0.015740 -0.143878 -32.739778 -0.599256
0.34391 -8.938553 -69.085410 -0.599256
-0.015740 -0.430665 -62.892414 -0.599256
0.51587 -8.938553 -69.085410 -0.599256

-0.015740 -0.959823 -122.196946 -0.599256
0.68783 -8.938553 -69.085410 -0.599256
-0.015740 -1.492504 -225.792227 -0.599256

COMB DESIGN ----- MAX

REL_DIST T M2 P M3 V2 V3

0.00000 13.052466 159.058495 0.776611
0.015754 0.656195 253.388769 0.776611
0.17196 13.052466 159.058495 0.776611
0.015754 0.126001 221.241250 0.776611
0.34391 13.052466 159.058495 0.776611
0.015754 0.305632 201.075542 0.776611
0.51587 13.052466 159.058495 0.776611
0.015754 0.717085 222.824572 0.776611
0.68783 13.052466 159.058495 0.776611
0.015754 1.128928 266.445863 0.776611

COMB DESIGN ----- MIN

REL_DIST T M2 P M3 V2 V3

0.00000 -8.938553 -69.085410 -0.599256
-0.015740 -0.551717 -8.730831 -0.599256
0.17196 -8.938553 -69.085410 -0.599256
-0.015740 -0.143878 -32.739778 -0.599256
0.34391 -8.938553 -69.085410 -0.599256
0.015740 -0.430665 -62.892414 -0.599256
0.51587 -8.938553 -69.085410 -0.599256
-0.015740 -0.959823 -122.196946 -0.599256
0.68783 -8.938553 -69.085410 -0.599256
-0.015740 -1.492504 -225.792227 -0.599256

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FRAME ELEMENT INTERNAL FORCES

ELEM 141 ----- LENGTH = 4.005348

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

REL_DIST T M2 P M3 V2 V3

0.013208 6.704888 45.657949 0.253576
0.000169 0.478905 120.343393 0.253576
0.48406 6.780488 45.657949 0.253576
0.000169 0.302232 88.901112 0.253576
0.65604 6.780488 45.657949 0.253576
0.000169 0.127575 57.484698 0.253576
0.82802 6.780488 45.657949 0.253576
0.000169 0.034524 26.198143 0.253576
1.00000 6.780488 45.657949 0.253576
0.000169 0.179478 0.985946 0.253576

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

REL_DIST T M2 P M3 V2 V3

0.013208 -0.728060 -7.563369 -0.210439
-0.000366 -0.400333 -20.828314 -0.210439
0.48406 -0.728060 -7.563369 -0.210439
-0.000366 -0.255375 -15.826437 -0.210439
0.65604 -0.728060 -7.563369 -0.210439
-0.000366 -0.110410 -10.459361 -0.210439
0.82802 -0.728060 -7.563369 -0.210439
-0.000366 -0.047243 -5.587896 -0.210439
1.00000 -0.728060 -7.563369 -0.210439
-0.000366 -0.221876 -5.617079 -0.210439

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

REL_DIST T M2 P M3 V2 V3

0.013208 9.101652 73.626421 0.402799
0.014900 0.716152 233.920601 0.402799
0.48406 9.101652 73.626421 0.402799
0.014900 0.438736 185.182502 0.402799
0.65604 9.101652 73.626421 0.402799
0.014900 0.181780 160.028505 0.402799
0.82802 9.101652 73.626421 0.402799
0.014900 0.050521 185.348752 0.402799
1.00000 9.101652 73.626421 0.402799
0.014900 0.245888 210.871367 0.402799

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

REL_DIST T M2 P M3 V2 V3

0.013208 -5.859439 -109.111035 -0.289119
-0.013352 -0.550692 -102.967301 -0.289119
0.48406 -5.859439 -109.111035 -0.289119
-0.013352 -0.351489 -34.403157 -0.289119
0.65604 -5.859439 -109.111035 -0.289119
-0.013352 -0.152239 -10.065214 -0.289119
0.82802 -5.859439 -109.111035 -0.289119
-0.013352 -0.171912 -4.651763 -0.289119
1.00000 -5.859439 -109.111035 -0.289119
-0.013352 -0.394715 -0.007192 -0.289119

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

REL_DIST T M2 P M3 V2 V3

0.013208 8.659902 70.710528 0.504497
0.015417 0.910455 228.321273 0.504497
0.48406 8.659902 70.710528 0.504497
0.015417 0.562987 181.714737 0.504497
0.65604 8.659902 70.710528 0.504497
0.015417 0.236371 159.296941 0.504497
0.82802 8.659902 70.710528 0.504497
0.015417 0.058638 188.949647 0.504497
1.00000 8.659902 70.710528 0.504497
0.015417 0.301216 239.408788 0.504497

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

REL_DIST T M2 P M3 V2 V3

0.013208 -10.906064 -153.996248 -0.357831
-0.014928 -0.684672 -196.658659 -0.357831
0.48406 -10.906064 -153.996248 -0.357831
-0.014928 -0.381389 -97.325323 -0.357831
0.65604 -10.906064 -153.996248 -0.357831
-0.014928 -0.191555 -43.196288 -0.357831
0.82802 -10.906064 -153.996248 -0.357831
0.015417 0.058638 188.949647 0.504497
1.00000 8.659902 70.710528 0.504497
0.015417 0.301216 239.408788 0.504497

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

REL_DIST T M2 P M3 V2 V3

0.013208 8.659902 70.710528 0.504497
0.015417 0.910455 228.321273 0.504497
0.48406 8.659902 70.710528 0.504497
0.015417 0.562987 181.714737 0.504497
0.65604 8.659902 70.710528 0.504497
0.015417 0.236371 159.296941 0.504497
0.82802 8.659902 70.710528 0.504497
0.015417 0.058638 188.949647 0.504497
1.00000 8.659902 70.710528 0.504497
0.015417 0.301216 239.408788 0.504497

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

REL_DIST T M2 P M3 V2 V3

0.013208 8.659902 70.710528 0.504497
0.015417 0.910455 228.321273 0.504497
0.48406 8.659902 70.710528 0.504497
0.015417 0.562987 181.714737 0.504497
0.65604 8.659902 70.710528 0.504497
0.015417 0.236371 159.296941 0.504497
0.82802 8.659902 70.710528 0.504497
0.015417 0.058638 188.949647 0.504497
1.00000 8.659902 70.710528 0.504497
0.015417 0.301216 239.408788 0.504497

0.013208 8.659902 70.710528 0.504497
0.000252 0.396556 21.074061 0.207699
0.48406 0.740693 7.471819 0.207699
0.000252 0.253488 15.932619 0.207699
0.65604 0.740693 7.471819 0.207699
0.000252 0.110441 10.820152 0.207699
0.82802 0.740693 7.471819 0.207699
0.000252 0.02697 5.755652 0.207699
0.000252 0.740693 7.471819 0.207699
0.000252 0.140961 1.044783 0.207699

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

REL_DIST T M2 P M3 V2 V3

0.013208 -6.905942 -44.999118 -0.165500
-0.001734 -0.315078 -131.153389 -0.165500
0.48406 -6.905942 -44.999118 -0.165500
-0.001734 -0.201093 -100.168265 -0.165500
0.65604 -6.905942 -44.999118 -0.165500
-0.001734 -0.087141 -69.221857 -0.165500
0.82802 -6.905942 -44.999118 -0.165500
-0.001734 -0.032668 -38.313830 -0.165500
1.00000 -6.905942 -44.999118 -0.165500
-0.001734 -0.175750 -7.472320 -0.165500

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

REL_DIST T M2 P M3 V2 V3

0.013208 1.443245 18.381406 0.344488
0.013458 0.617129 72.906461 0.344488
0.48406 1.443245 18.381406 0.344488
0.013458 0.128338 62.233964 0.344488
0.65604 1.443245 18.381406 0.344488
0.013458 0.162838 75.146513 0.344488
0.82802 1.443245 18.381406 0.344488
0.013458 0.039592 138.568002 0.344488
1.00000 1.443245 18.381406 0.344488
0.013458 0.198124 208.696545 0.344488

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

REL_DIST T M2 P M3 V2 V3

0.013208 -13.651368 -163.207992 -0.235356
-0.015232 -0.450328 -244.578270 -0.235356
0.48406 -13.651368 -163.207992 -0.235356
-0.015232 -0.288177 -138.741218 -0.235356
0.65604 -13.651368 -163.207992 -0.235356
0.015232 -0.125981 -77.118646 -0.235356
0.82802 -13.651368 -163.207992 -0.235356
-0.015232 -0.095850 -34.389296 -0.235356
1.00000 -13.651368 -163.207992 -0.235356
-0.015232 -0.332889 -0.013242 -0.235356

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

REL_DIST T M2 P M3 V2 V3

0.013208 6.373360 62.105665 0.487047
0.014594 0.377403 220.423181 0.487047
0.48406 6.373360 62.105665 0.487047
0.014594 0.542146 1

0.015417 0.910455 233.920601 0.000016 -0.121276 -67.693462 REFL_DIST M2 P M3 V2 V3 0.34392 -6.545383 -47.437580 -0.235093

0.48406 0.910652 73.626421 0.504497 0.51588 -0.733620 -70.509223 -0.209686 0.000000 10.897356 154.395949 0.449650 -0.001780 -0.146879 -12.757321 -0.235093

0.015417 0.562987 185.182502 0.504497 -0.000216 -0.280893 -98.786135 -0.209686 0.000000 M2 M3 0.51588 -6.545383 -47.437580 -0.235093

0.56504 0.910652 73.626421 0.504497 0.68784 -0.733620 -7.509223 -0.209686 0.000000 10.897356 154.395949 0.449650 -0.001780 -0.338153 -19.097195 -0.235093

0.015417 0.236371 163.027080 0.504497 -0.000216 -0.440876 -129.918336 0.014817 0.389245 238.226047 0.449650 0.68784 -6.545383 -47.437580 -0.235093

0.92802 0.910652 73.626421 0.504497 0.015194 0.105565 163.755649 0.014817 0.17196 154.395949 0.449650 -0.001780 -0.529333 -25.511177

0.015417 0.562987 185.089468 0.504497 0.015194 0.105565 163.755649 0.014817 0.08132 186.213448 0.449650 Program SAP2000 Nonlinear Version 7.42

1.00000 0.910652 73.626421 0.504497 0.015194 0.105565 163.755649 0.34392 10.897356 154.395949 0.449650 File:2교부산방항S1-S403.OUT

0.015417 0.301216 239.408788 0.504497 0.015194 0.105565 163.755649 0.014817 0.179692 156.126180 0.449650

COMB DB MIN 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 -13.651368 -163.207992 -0.357831 0.015194 0.17196 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

-0.015365 -0.684672 -244.578270 0.015194 0.070450 137.413229 0.34392 13.510470 163.755649 0.352798

0.48406 -13.651368 -163.207992 -0.357831 0.015194 0.150768 73.874015 0.015194 0.150768 73.874015

0.56504 -0.681153 -140.319921 Program SAP2000 Nonlinear Version 7.42

-0.015365 -13.651368 -163.207992 -0.357831 0.34392 13.510470 163.755649 0.352798

-0.015365 -0.191555 -77.118646 0.015194 0.150768 73.874015

0.82802 -13.651368 -163.207992 -0.357831 0.34392 13.510470 163.755649

-0.015365 -0.133696 -38.313830 0.015194 0.150768 73.874015

1.00000 -13.651368 -163.207992 -0.357831 0.34392 13.510470 163.755649

-0.015365 -0.480623 -7.472320 0.015194 0.150768 73.874015

COMB DL MAX 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.802507 220.608059 0.702448 0.015194 0.544326 71.736832

0.56504 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.336031 200.98799 0.702448 0.015194 0.544326 71.736832

0.92802 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.091820 223.074420 0.702448 0.015194 0.544326 71.736832

1.00000 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.470118 255.229634 0.702448 0.015194 0.544326 71.736832

COMB DB-G1-2 MIN 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.802507 220.608059 0.702448 0.015194 0.544326 71.736832

0.56504 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.336031 200.98799 0.702448 0.015194 0.544326 71.736832

0.92802 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.091820 223.074420 0.702448 0.015194 0.544326 71.736832

1.00000 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.470118 255.229634 0.702448 0.015194 0.544326 71.736832

COMB DL-G2-2 MIN 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.802507 220.608059 0.702448 0.015194 0.544326 71.736832

0.56504 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.336031 200.98799 0.702448 0.015194 0.544326 71.736832

0.92802 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.091820 223.074420 0.702448 0.015194 0.544326 71.736832

1.00000 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.470118 255.229634 0.702448 0.015194 0.544326 71.736832

COMB DB-G1-1 MAX 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.802507 220.608059 0.702448 0.015194 0.544326 71.736832

0.56504 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.336031 200.98799 0.702448 0.015194 0.544326 71.736832

0.92802 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.091820 223.074420 0.702448 0.015194 0.544326 71.736832

1.00000 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.470118 255.229634 0.702448 0.015194 0.544326 71.736832

COMB DL-G2-1 MIN 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.802507 220.608059 0.702448 0.015194 0.544326 71.736832

0.56504 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.336031 200.98799 0.702448 0.015194 0.544326 71.736832

0.92802 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.091820 223.074420 0.702448 0.015194 0.544326 71.736832

1.00000 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.470118 255.229634 0.702448 0.015194 0.544326 71.736832

COMB DB-G1-3 MAX 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.802507 220.608059 0.702448 0.015194 0.544326 71.736832

0.56504 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.336031 200.98799 0.702448 0.015194 0.544326 71.736832

0.92802 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.091820 223.074420 0.702448 0.015194 0.544326 71.736832

1.00000 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.470118 255.229634 0.702448 0.015194 0.544326 71.736832

COMB DL-G2-3 MAX 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.802507 220.608059 0.702448 0.015194 0.544326 71.736832

0.56504 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.336031 200.98799 0.702448 0.015194 0.544326 71.736832

0.92802 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.091820 223.074420 0.702448 0.015194 0.544326 71.736832

1.00000 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.470118 255.229634 0.702448 0.015194 0.544326 71.736832

COMB CAR MAX 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.802507 220.608059 0.702448 0.015194 0.544326 71.736832

0.56504 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.336031 200.98799 0.702448 0.015194 0.544326 71.736832

0.92802 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.091820 223.074420 0.702448 0.015194 0.544326 71.736832

1.00000 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.470118 255.229634 0.702448 0.015194 0.544326 71.736832

COMB DB-G1-2 MIN 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.802507 220.608059 0.702448 0.015194 0.544326 71.736832

0.56504 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.336031 200.98799 0.702448 0.015194 0.544326 71.736832

0.92802 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.091820 223.074420 0.702448 0.015194 0.544326 71.736832

1.00000 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.470118 255.229634 0.702448 0.015194 0.544326 71.736832

COMB DB-G1-3 MAX 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.802507 220.608059 0.702448 0.015194 0.544326 71.736832

0.56504 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.336031 200.98799 0.702448 0.015194 0.544326 71.736832

0.92802 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.091820 223.074420 0.702448 0.015194 0.544326 71.736832

1.00000 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.470118 255.229634 0.702448 0.015194 0.544326 71.736832

COMB DB-G2-1 MIN 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.802507 220.608059 0.702448 0.015194 0.544326 71.736832

0.56504 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.336031 200.98799 0.702448 0.015194 0.544326 71.736832

0.92802 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.091820 223.074420 0.702448 0.015194 0.544326 71.736832

1.00000 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0.013906 0.470118 255.229634 0.702448 0.015194 0.544326 71.736832

COMB DB-G2-2 MAX 0.000000 M2 M3 0.51588 10.897356 154.395949 0.449650

REL_DIST T P M3 V2 V3 0.015194 0.311198 163.755649 0.352798 0.014817 0.424799 178.549809 0.449650

0.31208 8.573099 75.652358 0.702448 0.015194 0.68784 163.755649 0.352798 0.014817 0.68784 154.395949 0.449650

0.013906 1.286517 267.453478 0.702448 0.015194 0.544326 71.736832 0.352798

0.48406 8.573099 75.652358 0.702448 0.015194 0.544326 71.736832

0

0.17196	13.510470	163.755649	0.665509	
0.015243	0.113497	220.993669		
0.34392	13.510470	163.755649	0.665509	
0.015243	0.287631	198.605174		
0.51588	13.510470	163.755649	0.665509	
0.015243	0.673424	218.123155		
0.68784	13.510470	163.755649	0.665509	
0.015243	1.060342	264.138837		
COMB CAR ----- MIN				
REL_DIST	M2	M3	V2 V3	
T				
0.00000	-9.274360	-75.290070	-0.566808	
-0.015569	-0.528635	-9.207934		
0.17196	-9.274360	-75.290070	-0.566808	
-0.015569	-0.139076	-39.395907		
0.34392	-9.274360	-75.290070	-0.566808	
-0.015569	-0.372505	-75.427954		
0.51588	-9.274360	-75.290070	-0.566808	
-0.015569	-8.206440	-138.726437		
0.68784	-9.274360	-75.290070	-0.566808	
-0.015569	-1.274183	-244.174647		
COMB DESIGN ----- MAX				
REL_DIST	M2	M3	V2 V3	
T				
0.00000	13.510470	163.755649	0.665509	
0.015243	0.569112	255.227432		
0.17196	13.510470	163.755649	0.665509	
0.015243	0.113497	220.993669		
0.34392	13.510470	163.755649	0.665509	
0.015243	0.287631	198.605174		
0.51588	13.510470	163.755649	0.665509	
0.015243	0.673424	218.123155		
0.68784	13.510470	163.755649	0.665509	
0.015243	1.060342	264.138837		
COMB DESIGN ----- MIN				
REL_DIST	M2	M3	V2 V3	
T				
0.00000	-9.274360	-75.290070	-0.566808	
-0.015569	-0.528635	-9.207934		
0.17196	-9.274360	-75.290070	-0.566808	
-0.015569	-0.139076	-39.395907		
0.34392	-9.274360	-75.290070	-0.566808	
-0.015569	-0.372505	-75.427954		
0.51588	-9.274360	-75.290070	-0.566808	
-0.015569	-8.206440	-138.726437		
0.68784	-9.274360	-75.290070	-0.566808	
-0.015569	-1.274183	-244.174647		
Program SAP2000 Nonlinear Version 7.42				
File:2교부산방향S1-S403.OUT				
Page 890				
< MOVING LOAD >				
FRAME ELEMENT INTERNAL FORCES				
ELEM	143	LENGTH = 4.004559		
COMB DB-G1-1 ----- MAX				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	6.713340	48.778930	0.176190	
0.001211	0.327956	128.998256		
0.48411	6.713340	48.778930	0.176190	
0.001211	0.206625	95.420563		
0.65607	6.713340	48.778930	0.176190	
0.001211	0.085335	61.878164		
0.82804	6.713340	48.778930	0.176190	
0.001211	0.031078	28.459328		
1.00000	6.713340	48.778930	0.176190	
0.001211	0.163006	0.986758		
COMB DB-G1-1 ----- MIN				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	-0.588189	-3.894808	-0.191526	
-0.000864	-0.364817	-10.473183		
0.48411	-0.588189	-3.894808	-0.191526	
-0.000864	-0.232671	-7.798570		
0.65607	-0.588189	-3.894808	-0.191526	
-0.000864	-0.100774	-5.161053		
0.82804	-0.588189	-3.894808	-0.191526	
-0.000864	-0.036162	-2.804323		
1.00000	-0.588189	-3.894808	-0.191526	
-0.000864	-0.157445	-5.502905		
COMB DB-G1-2 ----- MAX				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	8.976637	77.282619	0.271689	
0.014372	0.463857	243.850393		
0.48411	8.976637	77.282619	0.271689	
0.014372	0.277756	192.605281		
0.65607	8.976637	77.282619	0.271689	
0.014372	0.115583	165.522943		
0.82804	8.976637	77.282619	0.271689	
0.014372	0.047835	188.327847		
1.00000	8.976637	77.282619	0.271689	
0.014372	0.217729	211.316209		
COMB DB-G1-2 ----- MIN				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	-5.755786	-104.767931	-0.256943	
-0.013991	-0.489993	-90.893356		
0.48411	-5.755786	-104.767931	-0.256943	
-0.013991	-0.313073	-25.522088		
0.65607	-5.755786	-104.767931	-0.256943	
-0.013991	-0.136057	-4.288157		
0.82804	-5.755786	-104.767931	-0.256943	
-0.013991	-0.099092	-1.877158		
1.00000	-5.755786	-104.767931	-0.256943	
-0.013991	-0.285839	-0.003789		
COMB DB-G1-3 ----- MAX				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	8.427194	71.759155	0.402668	
0.015256	0.714405	230.175282		
0.48411	8.427194	71.759155	0.402668	
0.015256	0.438128	182.907923		
0.65607	8.427194	71.759155	0.402668	
0.015256	0.185745	160.443505		
0.82804	8.427194	71.759155	0.402668	
0.015256	0.061667	189.753299		
1.00000	8.427194	71.759155	0.402668	
0.015256	0.302613	239.802824		
COMB DB-G1-3 ----- MIN				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	-10.825140	-151.862511	-0.360362	
-0.015180	-0.689996	-190.588100		
0.48411	-10.825140	-151.862511	-0.360362	
-0.015180	-0.441858	-92.933236		
0.65607	-10.825140	-151.862511	-0.360362	
-0.015180	-0.193635	-40.400172		

Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방향S1-S403.OUT				
< MOVING Page 891 LOAD >				
FRAME ELEMENT INTERNAL FORCES				
REL_DIST	M2	M3	V2 V3	
T				
0.82804	-10.825140	-151.862511	-0.360362	
-0.015180	-0.118983	-7.093703		
1.00000	-10.825140	-151.862511	-0.360362	
-0.015180	-0.396033	-0.003808		
COMB DB-G2-1 ----- MAX				
REL_DIST	M2	M3	V2 V3	
T				
0.000778	0.573143	3.815544	0.231900	
0.48411	0.573143	3.815544	0.231900	
0.000778	0.283213	8.475563	0.231900	
0.65607	0.573143	3.815544	0.231900	
0.000778	0.123539	5.879254	0.231900	
0.82804	0.573143	3.815544	0.231900	
0.000778	0.033745	3.337440	0.231900	
1.00000	0.573143	3.815544	0.231900	
0.000778	0.177796	1.055188		
COMB DB-G2-1 ----- MIN				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	-6.829155	-48.072273	-0.209461	
-0.001209	-0.399179	-139.821739		
0.48411	-6.829155	-48.072273	-0.209461	
-0.001209	-0.254348	-106.734970		
0.65607	-6.829155	-48.072273	-0.209461	
-0.001209	-0.110692	-73.689435		
0.82804	-6.829155	-48.072273	-0.209461	
-0.001209	-0.036305	-40.660348		
1.00000	-6.829155	-48.072273	-0.209461	
-0.001209	-0.195969	-7.667016		
COMB DB-G2-2 ----- MAX				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	1.207920	14.065485	0.342650	
0.014055	0.613284	60.303437	0.342650	
0.48411	1.207920	14.065485	0.342650	
0.014055	0.378230	52.604424	0.342650	
0.65607	1.207920	14.065485	0.342650	
0.014055	0.164181	69.073739	0.342650	
0.82804	1.207920	14.065485	0.342650	
0.014055	0.050125	135.445650	0.342650	
1.00000	1.207920	14.065485	0.342650	
0.014055	0.238411	208.761119		
COMB DB-G2-2 ----- MIN				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	-13.665744	-166.793393	-0.283655	
-0.014603	-0.542909	-254.252812		
0.48411	-13.665744	-166.793393	-0.283655	
-0.014603	-0.347586	-146.163645		
0.65607	-13.665744	-166.793393	-0.283655	
-0.014603	-0.152299	-82.197401		
0.82804	-13.665744	-166.793393	-0.283655	
-0.014603	-0.095672	-37.022495		
1.00000	-13.665744	-166.793393	-0.283655	
-0.014603	-0.331635	-0.010256		
COMB DB-G2-3 ----- MAX				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	6.086928	60.044226	0.423074	
0.014851	0.758036	214.274844	0.423074	
0.48411	6.086928	60.044226	0.423074	
0.014851	0.469069	174.949406	0.423074	
0.65607	6.086928	60.044226	0.423074	
0.014851	0.201574	160.329837	0.423074	
0.82804	6.086928	60.044226	0.423074	
0.014851	0.063191	196.712147	0.423074	
1.00000	6.086928	60.044226	0.423074	
0.014851	0.306386	238.812742		
COMB DB-G2-3 ----- MIN				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	-13.216718	-163.444797	-0.363550	
-0.015091	-0.695018	-240.298676		
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REL_DIST	M2	M3	V2 V3	
T				
0.48411	-13.216718	-163.444797	-0.363550	
-0.015091	-0.444688	-134.784250		
0.65607	-13.216718	-163.444797	-0.363550	
-0.015091	-0.194383	-74.457439		
0.82804	-13.216718	-163.444797	-0.363550	
-0.015091	-0.122496	-33.602243		
1.00000	-13.216718	-163.444797	-0.363550	
-0.015091	-0.412926	-0.009690		
COMB DL-G1-1 ----- MAX				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	6.343089	52.556809	0.273998	
0.001116	0.514442	138.647256	0.273998	
0.48411	6.343089	52.556809	0.273998	
0.001116	0.325624	102.498452	0.273998	
0.65607	6.343089	52.556809	0.273998	
0.001116	0.136941	66.409875	0.273998	
0.82804	6.343089	52.556809	0.273998	
0.001116	0.045242	30.621614	0.273998	
1.00000	6.343089	52.556809	0.273998	
0.001116	0.241207	1.375355		
COMB DL-G1-1 ----- MIN				
REL_DIST	M2	M3	V2 V3	
T				
0.31214	-0.532571	-6.072516	-0.283796	
-0.000742	-0.540275	-17.160111		
0.48411	-0.532571	-6.072516	-0.283796	
-0.000742	-0.344698	-13.024158		
0.65607	-0.532571	-6.072516	-0.283796	
-0.000742	-0.149134	-8.928635		
0.82804	-0.532571	-6.072516	-0.283796	

0.00000 6.663880 48.344535 0.172633
0.001206 0.152874 0.986820
0.17198 6.663880 48.344535
0.001206 0.035587 2.881295
0.34397 6.663880 48.344535
0.001206 0.100305 5.447387
0.51595 6.663880 48.344535
0.001206 0.230579 8.069506
0.68793 6.663880 48.344535
0.001206 0.360853 10.711873

COMB DB-G1-1 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -0.574317 -3.839363 -0.189118
-0.000718 -0.160312 -5.471544
0.17198 -0.574317 -3.839363 -0.189118
-0.000718 -0.029997 -38.702610
0.34397 -0.574317 -3.839363
0.000718 -0.086170 -71.935806
0.51595 -0.574317 -3.839363
-0.000718 -0.204815 -105.184469
0.68793 -0.574317 -3.839363 -0.189118
-0.000718 -0.323734 -138.473844

COMB DB-G1-2 ----- MAX
REL_DIST M2 P V2 V3

0.00000 13.328896 167.396324 0.245055
0.014597 0.220699 211.020857
0.17198 13.328896 167.396324 0.245055
0.014597 0.054614 134.468663
0.34397 13.328896 167.396324 0.245055
0.014597 0.132715 67.903259
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REL_DIST M2 P V2 V3
0.51595 13.328896 167.396324 0.245055
0.014597 0.305903 51.700399
0.68793 13.328896 167.396324 0.245055
0.014597 0.478947 59.245360

COMB DB-G1-3 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -1.283690 -13.904048 -0.252698
-0.013999 -0.256149 -0.001846
0.17198 -1.283690 -13.904048 -0.252698
-0.013999 -0.082432 -34.800903
0.34397 -1.283690 -13.904048 -0.252698
-0.013999 -0.137101 -80.257944
0.51595 -1.283690 -13.904048 -0.252698
-0.013999 -0.290480 -144.882042
0.68793 -1.283690 -13.904048 -0.252698
-0.013999 -0.454985 -253.896829

COMB DB-G1-3 ----- MAX
REL_DIST M2 P V2 V3

0.00000 12.880286 163.961397 0.375642
0.015074 0.330471 239.512212
0.17198 12.880286 163.961397 0.375642
0.015074 0.074123 194.338649
0.34397 12.880286 163.961397 0.375642
0.015074 0.186876 157.585585
0.51595 12.880286 163.961397 0.375642
0.015074 0.437795 172.288073
0.68793 12.880286 163.961397 0.375642
0.015074 0.688759 211.266181

COMB DB-G1-3 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -6.302024 -59.587063 -0.366100
-0.014854 -0.360096 -0.002046
0.17198 -6.302024 -59.587063 -0.366100
-0.014854 -0.110266 -31.577148
0.34397 -6.302024 -59.587063 -0.366100
-0.014854 -0.207524 -72.417199
0.51595 -6.302024 -59.587063 -0.366100
-0.014854 -0.450545 -133.325141
0.68793 -6.302024 -59.587063 -0.366100
-0.014854 -0.704914 -239.711848

COMB DB-G2-1 ----- MAX
REL_DIST M2 P V2 V3

0.00000 0.588343 3.870915 0.231639
0.000804 0.196252 1.049716
0.17198 0.588343 3.870915 0.231639
0.000804 0.036624 26.192905
0.34397 0.588343 3.870915 0.231639
0.000804 0.114246 59.425740
0.51595 0.588343 3.870915 0.231639
0.000804 0.260892 92.780584
0.68793 0.588343 3.870915 0.231639
0.000804 0.422095 126.187205

COMB DB-G2-1 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -6.875970 -48.502814 -0.223554
-0.001298 -0.194218 -7.651006
0.17198 -6.875970 -48.502814 -0.223554
-0.001298 -0.041029 -2.383467
0.34397 -6.875970 -48.502814 -0.223554
-0.001298 -0.122910 4.697154
0.51595 -6.875970 -48.502814 -0.223554
-0.001298 -0.282472 -7.316539
0.68793 -6.875970 -48.502814 -0.223554
-0.001298 -0.442043 -9.976265

COMB DB-G2-2 ----- MAX
REL_DIST M2 P V2 V3

0.00000 5.624006 104.930442 0.319140
0.013919 0.277754 208.449265
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REL_DIST M2 P V2 V3
0.17198 5.624006 104.930442 0.319140
0.013919 0.058297 185.076013
0.34397 5.624006 104.930442 0.319140
0.013919 0.150918 161.814990
0.51595 5.624006 104.930442 0.319140

0.013919 0.355936 188.874037
0.68793 5.624006 104.930442 0.319140
0.013919 0.561327 239.679901

COMB DB-G2-2 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -9.252637 -76.676391 -0.299643
-0.014466 -0.303575 -0.008974
0.17198 -9.252637 -76.676391 -0.299643
-0.014466 -0.099142 -1.311360
0.34397 -9.252637 -76.676391 -0.299643
-0.014466 -0.180999 -3.683137
0.51595 -9.252637 -76.676391 -0.299643
-0.014466 -0.385767 -25.281322
0.68793 -9.252637 -76.676391 -0.299643
-0.014466 -0.601643 -91.265161

COMB DB-G2-3 ----- MAX
REL_DIST M2 P V2 V3

0.00000 10.550650 152.318952 0.400091
0.015116 0.346490 238.515955
0.17198 10.550650 152.318952 0.400091
0.015116 0.072349 186.922539
0.34397 10.550650 152.318952 0.400091
0.015116 0.191843 156.922546
0.51595 10.550650 152.318952 0.400091
0.015116 0.449705 179.399636
0.68793 10.550650 152.318952 0.400091
0.015116 0.707863 226.254676

COMB DB-G2-3 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -8.703034 -71.240130 -0.376289
-0.015295 -0.369061 -0.008494
0.17198 -8.703034 -71.240130 -0.376289
-0.015295 -0.111572 -5.528298
0.34397 -8.703034 -71.240130 -0.376289
-0.015295 -0.224253 -39.014945
0.51595 -8.703034 -71.240130 -0.376289
-0.015295 -0.484396 -92.118918
0.68793 -8.703034 -71.240130 -0.376289
-0.015295 -0.755946 -190.605032

COMB DL-G1-1 ----- MAX
REL_DIST M2 P V2 V3

0.00000 6.311258 52.199114 0.266510
0.001074 0.233190 1.375605
0.17198 6.311258 52.199114 0.266510
0.001074 0.049566 4.079285
0.34397 6.311258 52.199114 0.266510
0.001074 0.148807 8.117972
0.51595 6.311258 52.199114 0.266510
0.001074 0.342099 12.222295
0.68793 6.311258 52.199114 0.266510
0.001074 0.535459 16.363465

COMB DL-G1-1 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -0.541265 -6.049631 -0.280491
-0.000633 -0.237086 -7.694496
0.17198 -0.541265 -6.049631 -0.280491
-0.000633 -0.043333 -42.423608
0.34397 -0.541265 -6.049631 -0.280491
-0.000633 -0.135438 -76.267399
0.51595 -0.541265 -6.049631 -0.280491
-0.000633 -0.319154 -114.158386
0.68793 -0.541265 -6.049631 -0.280491
-0.000633 -0.502783 -150.084461
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FORCES

COMB DL-G1-2 ----- MAX
REL_DIST M2 P V2 V3

0.00000 12.149209 158.109136 0.383936
0.013323 0.336253 219.375603
0.17198 12.149209 158.109136 0.383936
0.013323 0.073879 151.967844
0.34397 12.149209 158.109136 0.383936
0.013323 0.204557 97.531069
0.51595 12.149209 158.109136 0.383936
0.013323 0.473369 84.485287
0.68793 12.149209 158.109136 0.383936
0.013323 0.745742 93.317363

COMB DL-G1-2 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -1.321900 -17.126762 -0.411910
-0.012741 -0.389016 -0.001387
0.17198 -1.321900 -17.126762 -0.411910
-0.012741 -0.105886 -34.980142
0.34397 -1.321900 -17.126762 -0.411910
-0.012741 -0.213155 -82.126057
0.51595 -1.321900 -17.126762 -0.411910
-0.012741 -0.465721 -150.051231
0.68793 -1.321900 -17.126762 -0.411910
-0.012741 -0.726930 -256.342735

COMB DL-G1-3 ----- MAX
REL_DIST M2 P V2 V3

0.00000 11.662204 153.643098 0.548494
0.013477 0.474450 255.802322
0.17198 11.662204 153.643098 0.548494
0.013477 0.098884 221.073796
0.34397 11.662204 153.643098 0.548494
0.013477 0.274224 197.579508
0.51595 11.662204 153.643098 0.548494
0.013477 0.647626 216.182698
0.68793 11.662204 153.643098 0.548494
0.013477 1.024691 256.953944

COMB DL-G1-3 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -5.955064 -63.946572 -0.563674
-0.013255 -0.528141 -0.001806
0.17198 -5.955064 -63.946572 -0.563674
-0.013255 -0.141524 -31.305206
0.34397 -5.955064 -63.946572 -0.563674
-0.013255 -0.303742 -74.366590
0.51595 -5.955064 -63.946572 -0.563674
-0.013255 -0.688957 -138.523108
0.68793 -5.955064 -63.946572 -0.563674
-0.013255 -1.043345 -241.380342

COMB DL-G2-1 ----- MAX
REL_DIST M2 P V2 V3

T M2 M3
0.00000 0.532048 6.042007 0.303758
0.000731 0.257195 1.455579
0.17198 0.532048 6.042007 0.303758
0.000731 0.048199 28.013036
0.34397 0.532048 6.042007 0.303758
0.000731 0.148406 63.610815
0.51595 0.532048 6.042007 0.303758
0.000731 0.350988 99.543576
0.68793 0.532048 6.042007 0.303758
0.000731 0.553739 135.566726

COMB DL-G2-1 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -6.499203 -52.357093 -0.293566
-0.001173 -0.253603 -9.511649
0.17198 -6.499203 -52.357093 -0.293566
-0.001173 -0.051830 -4.184892
0.34397 -6.499203 -52.357093 -0.293566
-0.001173 -0.161462 -7.911744
0.51595 -6.499203 -52.357093 -0.293566
-0.001173 -0.370616 -11.989605
0.68793 -6.499203 -52.357093 -0.293566
-0.001173 -0.579922 -16.109558
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COMB DL-G2-2 ----- MAX
REL_DIST M2 P V2 V3

0.00000 4.951836 94.594424 0.434185
0.012728 0.373998 217.424718
0.17198 4.951836 94.594424 0.434185
0.012728 0.076779 205.310417
0.34397 4.951836 94.594424 0.434185
0.012728 0.203608 194.904514
0.51595 4.951836 94.594424 0.434185
0.012728 0.486913 225.858845
0.68793 4.951836 94.594424 0.434185
0.012728 0.773613 278.667993

COMB DL-G2-2 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -8.763346 -80.983647 -0.432810
-0.013223 -0.417061 -0.009253
0.17198 -8.763346 -80.983647 -0.432810
-0.013223 -0.121097 -1.833800
0.34397 -8.763346 -80.983647 -0.432810
-0.013223 -0.255464 -5.804278
0.51595 -8.763346 -80.983647 -0.432810
-0.013223 -0.513622 -82.387439
0.68793 -8.763346 -80.983647 -0.432810
-0.013223 -0.827864 -92.495663

COMB DL-G2-3 ----- MAX
REL_DIST M2 P V2 V3

0.00000 9.395907 141.000229 0.560632
0.013528 0.479625 254.922601
0.17198 9.395907 141.000229 0.560632
0.013528 0.095510 212.215147
0.34397 9.395907 141.000229 0.560632
0.013528 0.274201 194.824954
0.51595 9.395907 141.000229 0.560632
0.013528 0.648914 221.712739
0.68793 9.395907 141.000229 0.560632
0.013528 1.026907 270.997984

COMB DL-G2-3 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -8.275997 -76.528775 -0.565313
-0.013659 -0.529997 -0.009090
0.17198 -8.275997 -76.528775 -0.565313
-0.013659 -0.140984 -4.594430
0.34397 -8.275997 -76.528775 -0.565313
-0.013659 -0.313872 -37.156471
0.51595 -8.275997 -76.528775 -0.565313
-0.013659 -0.687165 -92.387439
0.68793 -8.275997 -76.528775 -0.565313
-0.013659 -1.070591 -186.465815

COMB DL-G2-3 ----- MAX
REL_DIST M2 P V2 V3

0.00000 13.328896 167.396324 0.400091
0.015116 0.324890 239.512212
0.17198 13.328896 167.396324 0.400091
0.015116 0.074123 194.338649
0.34397 13.328896 167.396324 0.400091
0.015116 0.191843 161.814990
0.51595 13.328896 167.396324 0.400091
0.015116 0.449705 188.874037
0.68793 13.328896 167.396324 0.400091
0.015116 0.707863 239.679901

COMB DL-G2-3 ----- MIN
REL_DIST M2 P V2 V3

0.00000 -9.252637 -76.676391 -0.376289
-0.015295 -0.369061 -0.008494
0.17198 -9.252637 -76.676391 -0.376289
-0.015295 -0.111572 -5.528298
0.34397 -9.252637 -76.676391 -0.376289
-0.015295 -0.224253 -39.025794
0.51595 -9.252637 -76.676391 -0.376289
-0.015295 -0.484396 -92.118918
0.68793 -9.252637 -76.676391 -0.376289
-0.015295 -0.755946 -190.605032
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COMB DL-G2-3 ----- MAX
REL_DIST M2 P V2 V3

0.00000 12.149209 158.109136 0.560632
0.013528 0.479625 255.802322
0.17198 12.149209 158.109136 0.560632
0.013528 0.098884 221.073796
0.34397 12.149209 158.109136 0.560632
0.013528 0.274240 197.579508
0.51595 12.149209 158.109136 0.560632
0.013528 0.648914 225.858845
0.68793 12.149209 158.109136 0.560632
0.013528 1.026907 278.667993

COMB DL-G2-3 ----- MIN
REL_DIST M2 P V2 V3

M2 P V2 V3
0.00000 -8.763346 -80.983647 -0.565313
-0.013659 -0.528600 -9.511649
0.17198 -8.763346 -80.983647 -0.565313
-0.013659 -0.141524 -42.423608
0.34397 -8.763346 -80.983647 -0.565313
-0.013659 -0.313872 -82.126057
0.51595 -8.763346 -80.983647 -0.565313
-0.013659 -0.687165 -150.051231
0.68793 -8.763346 -80.983647 -0.565313
-0.013659 -1.070591 -256.342735

COMB CAR ----- MAX
REL_DIST M2 P V2 V3

0.015088	6.708986	231.627109		1.00000	6.309169	52.214894	0.192605	0.31213	5.787483	65.108053	0.543882	REL_DIST	T	M2	P	V2	V3
0.48409	8.502772	72.161023	0.352831	0.000648	0.201961	1.375769		0.013634	0.995857	262.549066			T	M2	P	M3	V2
0.015088	0.427965	184.035849						0.48409	5.787483	65.108053	0.543882	-0.31213	-13.580878	-166.756678		-0.600121	
0.65606	8.502772	72.161023	0.352831	COMB DL-G1-1	-----	MIN		0.013634	0.630520	221.031130		-0.015316	-1.141047	-257.222299			
0.015088	0.185018	160.821257						0.65606	5.787483	65.108053	0.543882	0.48409	-13.580878	-166.756678		-0.600121	
0.82803	8.502772	72.161023	0.352831	REL_DIST	T	M2	P	M3	V2	V3		-0.015316	-0.730113	-151.480985			
0.015088	0.007995	169.500757						0.82803	0.268709	201.626460	0.543882	0.82803	-13.580878	-166.756678		-0.600121	
1.00000	8.502772	72.161023	0.352831	0.31213	-0.543616	-6.935220	-0.238432	0.013634	0.100870	223.702833		-0.015316	-0.329253	-84.313679			
0.015088	0.330736	239.745875		-0.001260	-0.453596	-19.630588		1.00000	5.787483	65.108053	0.543882	0.82803	-13.580878	-166.756678		-0.600121	
				0.48409	-0.543616	-6.935220	-0.238432	0.013634	0.511903	254.937823	Version 7.42	-0.015316	-0.139246	-44.627096			
COMB DB-G1-3	-----	MIN		-0.001260	-0.289009	-14.900559		Program	SAP2000	Nonlinear		1.00000	-13.580878	-166.756678		-0.600121	
				0.65606	-0.543616	-6.935220	-0.238432	File:2교부산방향S1-S403.OUT				-0.015316	-0.510334	-9.411790			
				0.82803	-0.543616	-6.935220	-0.238432					ELEM	146	=====	LENGTH =		
0.31213	-10.784604	-152.887615	-0.384356	<	MOVING	Page	LOAD	>				COMB DB-G1-1	-----	MAX			
-0.015316	-0.728135	-193.601982				902						REL_DIST	T	M2	P	M3	V2
0.48409	-10.784604	-152.887615	-0.384356									0.00000	6.654260	48.234030	0.138863		
-0.015316	-0.487186	-95.114405										0.000719	0.119315	0.986640			
0.65606	-10.784604	-152.887615	-0.384356									0.17197	6.654260	48.234030	0.138863		
-0.015316	-0.218187	-41.837524										0.000719	0.024333	3.476590			
Program	SAP2000	Nonlinear	Version 7.42									0.34394	6.654260	48.234030	0.138863		
File:2교부산방향S1-S403.OUT												0.000719	0.092937	6.717915			
												0.51591	6.654260	48.234030	0.138863		
												0.000719	0.213447	10.009783			
												0.68878	6.654260	48.234030	0.138863		
												0.000719	0.333965	13.322360			
												COMB DB-G1-1	-----	MIN			
0.82803	-10.784604	-152.887615	-0.384356									REL_DIST	T	M2	P	M3	V2
0.015316	-0.101509	-7.839338										0.00000	-0.635293	-4.818607	-0.174995		
1.00000	-10.784604	-152.887615	-0.384356									-0.001230	-1.48112	-5.443758			
-0.015316	-0.335070	-0.003733										0.17197	-0.635293	-4.818607	-0.174995		
												-0.001230	-0.027554	-38.586712			
COMB DB-G2-1	-----	MAX										0.34394	-0.635293	-4.818607	-0.174995		
REL_DIST	T	M2	P	M3	V2	V3						-0.001230	-0.027058	-71.729669			
0.31213	0.632893	4.832492	0.249653					0.015173	0.760645	243.537642		0.51591	-0.635293	-4.818607	-0.174995		
0.001324	0.471125	13.936474						0.48409	6.996867	77.052768	0.399726	0.000719	0.167151	167.298546	0.204687		
0.48409	0.632893	4.832492	0.249653					0.015173	0.485425	192.453509		0.68878	-0.635293	-4.818607	-0.174995		
0.001324	0.305189	10.616300						0.65606	8.996867	77.052768	0.399726	-0.001230	-0.263225	-138.102315			
0.65606	0.632893	4.832492	0.249653					0.82803	0.268709	201.626460		0.00000	6.654260	48.234030	0.138863		
0.001324	0.133254	7.320027						0.015173	0.210161	165.091801		0.000719	0.024333	3.476590			
0.82803	0.632893	4.832492	0.249653					0.82803	8.996867	77.052768	0.399726	0.68878	6.654260	48.234030	0.138863		
0.001324	0.039704	4.076228						1.00000	0.700858	197.255674		0.000719	0.333965	13.322360			
0.001324	0.632893	4.832492	0.249653					0.015173	0.951877	239.745875		COMB DB-G1-1	-----	MIN			
0.001324	0.212784	1.063440						REL_DIST	T	M2	P	M3	V2	V3			
COMB DB-G2-1	-----	MIN						0.31213	8.490382	81.028543	0.298725	0.00000	-0.635293	-4.818607	-0.174995		
REL_DIST	T	M2	P	M3	V2	V3		0.012625	0.526465	281.676689		-0.001230	-1.48112	-5.443758			
0.31213	0.899222	275.870354	0.493261					0.48409	0.1020434	77.103192	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
0.48409	0.632893	4.832492	0.249653					0.013514	0.568766	226.248972	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
0.65606	8.490382	81.028543	0.298725					0.013514	0.241662	198.964929	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
0.82803	8.490382	81.028543	0.298725					0.82803	8.490382	81.028543	0.298725	0.17197	-0.635293	-4.818607	-0.174995		
-0.013516	-0.101141	-3.785974						0.013514	0.091322	125.228420	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
1.00000	-0.527201	-95.466686	-0.361819					0.013514	0.477092	255.776285	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
-0.013516	-0.304112	-0.000000						Program	SAP2000	Nonlinear	Version 7.42	0.17197	-0.635293	-4.818607	-0.174995		
COMB DL-G1-3	-----	MAX						File:2교부산방향S1-S403.OUT				0.17197	-0.635293	-4.818607	-0.174995		
REL_DIST	T	M2	P	M3	V2	V3		0.31213	-5.027201	-95.466686	-0.361819	REL_DIST	T	M2	P	M3	V2
0.013516	-0.687284	-96.159384	-0.361819					0.48409	-5.027201	-95.466686	-0.361819	0.00000	-0.635293	-4.818607	-0.174995		
0.65606	-5.027201	-95.466686	-0.361819					0.013516	-0.440743	-33.069033	-0.361819	0.17197	-0.635293	-4.818607	-0.174995		
0.82803	-5.027201	-95.466686	-0.361819					0.82803	-5.027201	-95.466686	-0.361819	0.17197	-0.635293	-4.818607	-0.174995		
-0.013516	-0.101141	-3.785974						1.00000	-0.527201	-95.466686	-0.361819	0.17197	-0.635293	-4.818607	-0.174995		
1.00000	-0.527201	-95.466686	-0.361819					-0.013516	-0.304112	-0.000000		0.17197	-0.635293	-4.818607	-0.174995		
COMB DL-G1-3	-----	MAX						REL_DIST	T	M2	P	M3	V2	V3			
REL_DIST	T	M2	P	M3	V2	V3		0.31213	8.490382	81.028543	0.298725	0.00000	-0.635293	-4.818607	-0.174995		
0.012625	0.526465	281.676689						0.48409	0.1020434	77.103192	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
0.48409	0.632893	4.832492	0.249653					0.013514	0.568766	226.248972	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
0.65606	8.490382	81.028543	0.298725					0.82803	8.490382	81.028543	0.298725	0.17197	-0.635293	-4.818607	-0.174995		
-0.013516	-0.101141	-3.785974						0.013514	0.241662	198.964929	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
1.00000	-0.527201	-95.466686	-0.361819					0.82803	8.490382	81.028543	0.298725	0.17197	-0.635293	-4.818607	-0.174995		
-0.013516	-0.304112	-0.000000						0.013514	0.091322	125.228420	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
COMB DL-G1-3	-----	MAX						0.013514	0.477092	255.776285	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
REL_DIST	T	M2	P	M3	V2	V3		Program	SAP2000	Nonlinear	Version 7.42	0.17197	-0.635293	-4.818607	-0.174995		
0.31213	-5.027201	-95.466686	-0.361819					File:2교부산방향S1-S403.OUT				0.17197	-0.635293	-4.818607	-0.174995		
0.48409	-5.027201	-95.466686	-0.361819					REL_DIST	T	M2	P	M3	V2	V3			
0.65606	-5.027201	-95.466686	-0.361819					0.31213	8.490382	81.028543	0.298725	0.00000	-0.635293	-4.818607	-0.174995		
0.82803	-5.027201	-95.466686	-0.361819					0.48409	0.1020434	77.103192	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
-0.013516	-0.101141	-3.785974						0.013514	0.568766	226.248972	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
1.00000	-0.527201	-95.466686	-0.361819					0.82803	8.490382	81.028543	0.298725	0.17197	-0.635293	-4.818607	-0.174995		
-0.013516	-0.304112	-0.000000						0.013514	0.241662	198.964929	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
COMB DL-G1-3	-----	MAX						0.82803	8.490382	81.028543	0.298725	0.17197	-0.635293	-4.818607	-0.174995		
REL_DIST	T	M2	P	M3	V2	V3		0.013514	0.091322	125.228420	0.493261	0.17197	-0.635293	-4.818607	-0.174995		
0.31213	8.490382	81.028543	0.298725					0.013514	0.477092	255.776285	0.493261						

T				M2	M3	0.340459			
0.00000	5.773756	106.086804	0.340459						
0.014512	0.286915	208.444250							
Program				SAP2000	Nonlinear	Version	7.42		
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MOVING				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									
REL_DIST	M2	P	M3	V2	V3				
0.17197	5.773756	106.086804	0.340459						
0.014512	0.058924	184.962229							
0.34394	5.773756	106.086804	0.340459						
0.014512	0.177279	161.595691							
0.51591	5.773756	106.086804	0.340459						
0.014512	0.418560	188.977545							
0.014512	5.773756	106.086804	0.340459						
0.014512	0.680912	239.668352							
COMB DB-G2-2				MIN					
REL_DIST	M2	P	M3	V2	V3				
0.00000	-9.195909	-76.517665	-0.381176						
-0.013866	-0.370222	-0.004518	-0.381176						
0.17197	-9.195909	-76.517665	-0.381176						
-0.013866	-0.109636	-2.059787	-0.381176						
0.34394	-9.195909	-76.517665	-0.381176						
-0.013866	-0.192225	5.225472	-0.381176						
0.51591	-9.195909	-76.517665	-0.381176						
-0.013866	-0.416672	-27.600769	-0.381176						
0.68787	-9.195909	-76.517665	-0.381176						
-0.013866	-0.651150	-94.453980							
COMB DB-G2-3				MAX					
REL_DIST	M2	P	M3	V2	V3				
0.00000	10.717654	153.330677	0.399211						
0.015345	0.335604	238.473011	0.399211						
0.17197	10.717654	153.330677	0.399211						
0.015345	0.067239	186.853972	0.399211						
0.34394	10.717654	153.330677	0.399211						
0.015345	0.208936	157.428740	0.399211						
0.51591	10.717654	153.330677	0.399211						
0.015345	0.491251	180.665002	0.399211						
0.015345	10.717654	153.330677	0.399211						
0.015345	0.795056	227.890004							
COMB DB-G2-3				MIN					
REL_DIST	M2	P	M3	V2	V3				
0.00000	-8.678109	-71.689784	-0.441362						
-0.015078	-0.421854	-0.004346	-0.441362						
0.17197	-8.678109	-71.689784	-0.441362						
-0.015078	-0.119557	-6.233509	-0.441362						
0.34394	-8.678109	-71.689784	-0.441362						
-0.015078	-0.214467	-40.393816	-0.441362						
0.51591	-8.678109	-71.689784	-0.441362						
-0.015078	-0.489375	-94.167686	-0.441362						
0.68787	-8.678109	-71.689784	-0.441362						
-0.015078	-0.764316	-193.425002							
COMB DL-G1-1				MAX					
REL_DIST	M2	P	M3	V2	V3				
0.00000	5.279153	51.962713	0.186770						
0.000598	0.163191	1.376002	0.186770						
0.17197	6.279153	51.962713	0.186770						
0.000598	0.034733	4.635439	0.186770						
0.34394	6.279153	51.962713	0.186770						
0.000598	0.123854	9.329422	0.186770						
0.51591	6.279153	51.962713	0.186770						
0.000598	0.028642	-6.984183	0.186770						
0.68787	6.279153	51.962713	0.186770						
0.000598	0.449248	18.849653							
COMB DL-G1-1				MIN					
REL_DIST	M2	P	M3	V2	V3				
0.00000	-0.549624	-6.984183	-0.235596						
-0.001148	-0.198233	-7.701007	-0.235596						
0.17197	-0.549624	-6.984183	-0.235596						
-0.001148	-0.036684	-42.203381	-0.235596						
0.34394	-0.549624	-6.984183	-0.235596						
-0.001148	-0.093921	-77.854354	-0.235596						
0.51591	-0.549624	-6.984183	-0.235596						
-0.001148	-0.222602	-113.577975	-0.235596						
0.68787	-0.549624	-6.984183	-0.235596						
-0.001148	-0.351248	-149.336174							
Program				SAP2000	Nonlinear	Version	7.42		
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MOVING				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									
REL_DIST	M2	P	M3	V2	V3				
0.00000	12.209512	157.854859	0.275372						
0.012755	0.239512	157.854859	0.275372						
0.17197	12.209512	157.854859	0.275372						
0.012755	0.055042	152.602218	0.275372						
0.34394	12.209512	157.854859	0.275372						
0.012755	0.174894	98.952168	0.275372						
0.51591	12.209512	157.854859	0.275372						
0.012755	0.418862	167.042811	0.275372						
0.68787	12.209512	157.854859	0.275372						
0.012755	0.680225	96.290654							
COMB DL-G1-2				MIN					
REL_DIST	M2	P	M3	V2	V3				
0.00000	-1.283128	-18.239575	-0.379153						
-0.013388	-0.362536	0.000000	-0.379153						
0.17197	-1.283128	-18.239575	-0.379153						
-0.013388	-0.103399	-34.189310	-0.379153						
0.34394	-1.283128	-18.239575	-0.379153						
-0.013388	-0.146878	-81.723635	-0.379153						
0.51591	-1.283128	-18.239575	-0.379153						
-0.013388	-0.333846	-149.446250	-0.379153						
0.68787	-1.283128	-18.239575	-0.379153						
-0.013388	-0.523019	-255.537453							
COMB DL-G1-3				MAX					
REL_DIST	M2	P	M3	V2	V3				
0.00000	11.740560	153.961958	0.470188						
0.013269	0.401317	255.770693	0.470188						
0.17197	11.740560	153.961958	0.470188						
0.013269	0.084780	221.404319	0.470188						
0.34394	11.740560	153.961958	0.470188						
0.013269	0.272068	198.892016	0.470188						
0.51591	11.740560	153.961958	0.470188						
0.013269	0.657289	218.164282	0.470188						
0.68787	11.740560	153.961958	0.470188						

0.013269				1.060107	259.382462				
COMB DL-G1-3				MIN					
REL	DIST	M2	P	M3	V2	V3			
0.00000	-5.860377	-64.796325							
-0.013532	-0.545684	-0.003436							
0.17197	-5.860377	-64.796325							
-0.013532	-0.146800	-31.202587							
0.34394	-5.860377	-64.796325							
-0.013532	-0.251519	-74.928056							
0.51591	-5.860377	-64.796325							
-0.013532	-0.572664	-139.317006							
0.68787	-5.860377	-64.796325							
-0.013532	-0.895976	-242.250237							
COMB DL-G2-1				MAX					
REL	DIST	M2	P	M3	V2	V3			
0.00000	0.541416	6.967459				0.328335			
0.001265	0.277603	1.451307							
0.17197	0.541416	6.967459				0.328335			
0.001265	0.051751	27.944145							
0.34394	0.541416	6.967459				0.328335			
0.001265	0.181388	63.315119							
0.51591	0.541416	6.967459				0.328335			
0.001265	0.425327	99.029627							
0.68787	0.541416	6.967459				0.328335			
0.001265	0.668637	134.838398							
COMB DL-G2-1				MIN					
REL	DIST	M2	P	M3	V2	V3			
0.00000	-6.480314	-52.055783				-0.352817			
-0.000647	-0.301780	-9.394537							
0.17197	-6.480314	-52.055783				-0.352817			
-0.000647	-0.060098	-4.832855							
0.34394	-6.480314	-52.055783				-0.352817			
-0.000647	-0.174741	-9.155423							
0.51591	-6.480314	-52.055783				-0.352817			
-0.000647	-0.400850	-13.872103							
0.68787	-6.480314	-52.055783				-0.352817			
-0.000647	-0.626966	-18.623344							
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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	M2	P	M3	V2	V3			
0.00000	0.544825	95.669121				0.457225			
0.013345	0.387316	217.477358							
0.17197	0.544825	95.669121				0.457225			
0.013345	0.080634	205.208885							
0.34394	0.544825	95.669121				0.457225			
-0.0130647	0.248291	194.524524							
0.51591	0.544825	95.669121				0.457225			
0.013345	0.598227	225.289023							
0.68787	0.544825	95.669121				0.457225			
0.013345	0.965428	277.853966							
COMB DL-G2-2				MIN					
REL	DIST	M2	P	M3	V2	V3			
0.00000	-8.673372	-80.654134				-0.533285			
-0.012654	-0.502136	-0.004382							
0.17197	-8.673372	-80.654134				-0.533285			
-0.012654	-0.137056	-2.633959							
0.34394	-8.673372	-80.654134				-0.533285			
-0.012654	-0.247974	-7.313785							
0.51591	-8.673372	-80.654134				-0.533285			
-0.012654	-0.559989	-32.215115							
0.68787	-8.673372	-80.654134				-0.533285			
-0.012654	-0.874442	-95.465039							
COMB DL-G2-3				MAX					
REL	DIST	M2	P	M3	V2	V3			
0.00000	9.507341	141.848947				0.522542			
0.013775	0.441192	254.928722							
0.17197	9.507341	141.848947				0.522542			
0.013775	0.089483	212.463977							
0.34394	9.507341	141.848947				0.522542			
-0.013775	0.295348	195.350793							
0.51591	9.507341	141.848947				0.522542			
0.013775	0.708265	222.471851							
0.68787	9.507341	141.848947				0.522542			
0.013775	1.138009	271.903254							
COMB DL-G2-3				MIN					
REL	DIST	M2	P	M3	V2	V3			
0.00000	-8.182516	-76.801600				-0.623732			
-0.013472	-0.100819	-0.008114							
0.17197	-8.182516	-76.801600				-0.623732			
-0.013472	-0.151653	-5.298454							
0.34394	-8.182516	-76.801600				-0.623732			
-0.013472	-0.289397	-38.483519							
0.51591	-8.182516	-76.801600				-0.623732			
-0.013472	-0.540972	-144.240693							
0.68787	-8.182516	-76.801600				-0.623732			
-0.013472	-1.000427	-188.939066							
COMB DB				MAX					
REL	DIST	M2	P	M3	V2	V3			
0.00000	13.401267	167.298546				0.399211			
0.015345	0.335603	239.429899							
0.17197	13.401267	167.298546				0.399211			
0.015345	0.067329	194.847196							
0.34394	13.401267	167.298546				0.399211			
-0.015345	0.208936	161.595699							
0.51591	13.401267	167.298546				0.399211			
0.015345	0.491251	188.977545							
0.68787	13.401267	167.298546				0.399211			
0.015345	0.795056	239.668352							
COMB DB				MIN					
REL	DIST	M2	P	M3	V2	V3			
0.00000	-9.195909	-76.517665				-0.441362			
-0.013492	-0.185637	-0.008114							
0.17197	-9.195909	-76.517665				-0.441362			
-0.015092	-0.119557	-38.586712							
0.34394	-9.195909	-76.517665				-0.441362			
-0.015092	-0.214467	-80.082341							
0.51591	-9.195909	-76.517665				-0.441362			
-0.013492	-0.490772	-144.240693							
0.68787	-9.195909	-76.517665				-0.441362			
-0.015092	-0.764316	-253.364549							
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0.014492-0.582067-135.204245-0.478082COMB DL-G2-2MIN0.00000-13.799056-163.771140-0.6838800.0018590.557814119.6458230.65605-0.1391265-163.771140-0.478082REL DISTT M2 M3 V2 V30.31210-12.468865-152.169358-0.617534REL DISTT M2 M3 V2 V30.012256-0.118777-243.542860.48408-12.468865-152.169358-0.6175340.0154010.108808272.2296410.5376540.484089.120455163.77129480.5376540.0154010.650398225.8696180.5376540.656059.120455163.77129480.5376540.0154010.281082204.3100440.5376540.828039.120455163.77129480.5376540.0154010.109918224.3434000.5376541.000009.120455163.77129480.5376540.0154010.577370254.3128910.537654COMB DL-G1-1MAXREL DISTT M2 M3 V2 V30.312105.86956867.8186400.5376540.0140500.108808269.4319110.5376540.484085.86956867.8186400.5376540.650398225.8696180.5376540.656056.81864067.8186400.5376540.0140500.281082204.3100440.5376540.828035.86956867.8186400.5376540.0140500.109918224.3434000.5376541.000005.86956867.8186400.537654COMB DL-G2-3MAXREL DISTT M2 M3 V2 V30.312105.86956867.8186400.5376540.0140500.108808269.4319110.5376540.484085.86956867.8186400.5376540.650398225.8696180.5376540.656056.81864067.8186400.5376540.0140500.281082204.3100440.5376540.828035.86956867.8186400.5376540.0140500.109918224.3434000.5376541.000005.86956867.8186400.537654COMB DL-G1-1MINREL DISTT M2 M3 V2 V30.31210-0.674846-11.943350-0.208258-0.001835-0.398426-33.432318-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.001835-0.674846-11.943350-0.208258-0.001835-0.254946-25.271536-0.208258-0.00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0.34395	-1.493075	-23.911671	-0.376163
-0.014067	-0.116940	-75.316159	
0.51592	-1.493075	-23.911671	-0.376163
-0.014067	-0.219448	-139.531687	
0.68790	-1.493075	-23.911671	-0.376163
-0.014067	-0.426873	-241.887788	
COMB DL-G1-3 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	11.747052	152.065987	0.447704
0.013177	0.34395	12.040444	0.447704
0.17197	11.747052	152.065987	0.447704
0.013177	0.079734	221.970509	0.447704
0.34395	11.747052	152.065987	0.447704
0.013177	0.300673	201.716410	0.447704
0.51592	11.747052	152.065987	0.447704
0.013177	0.719264	223.275768	0.447704
0.68790	11.747052	152.065987	0.447704
0.013177	1.154365	266.715239	

COMB DL-G1-3 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-6.096749	-67.561220	-0.631307
-0.013844	-0.584715	-90.01650	
0.17197	-6.096749	-67.561220	-0.631307
-0.013844	-0.153515	-29.626317	
0.34395	-6.096749	-67.561220	-0.631307
-0.013844	-0.234557	-72.400233	
0.51592	-6.096749	-67.561220	-0.631307
-0.013844	-0.543828	-138.093536	
0.68790	-6.096749	-67.561220	-0.631307
-0.013844	-0.852422	-238.089225	

COMB DL-G2-1 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.687389	12.040444	0.363119
0.001883	0.308374	1.600602	
0.17197	0.687389	12.040444	0.363119
0.001883	0.058395	25.372719	0.363119
0.34395	0.687389	12.040444	0.363119
0.001883	0.217975	75.895346	0.363119
0.51592	0.687389	12.040444	0.363119
0.001883	0.507290	90.708779	0.363119
0.68790	0.687389	12.040444	0.363119
0.001883	0.796507	123.655047	

COMB DL-G2-1 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-6.490289	-47.923000	-0.419768
-0.000239	-0.359169	-9.314739	
0.17197	-6.490289	-47.923000	-0.419768
-0.000239	-0.070209	-8.393749	
0.34395	-6.490289	-47.923000	-0.419768
-0.000239	-0.189855	-16.201106	
0.51592	-6.490289	-47.923000	-0.419768
-0.000239	-0.440275	-24.360725	
0.68790	-6.490289	-47.923000	-0.419768
-0.000239	-0.690559	-32.595206	
Program SAP2000 Nonlinear Version 7.42			
File:2교부산방함S1-S403.OUT			

COMB DL-G2-2 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	5.137176	101.505772	0.511054
0.014101	0.433366	216.776778	0.511054
0.17197	5.137176	101.505772	0.511054
0.014101	0.088840	201.199743	0.511054
0.34395	5.137176	101.505772	0.511054
0.014101	0.310020	187.523082	0.511054
0.51592	5.137176	101.505772	0.511054
0.014101	0.742156	215.148374	0.511054
0.68790	5.137176	101.505772	0.511054
0.014101	1.190486	264.497123	

COMB DL-G2-2 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-8.746064	-75.907975	-0.650696
-0.021268	-0.600985	-0.019283	
0.17197	-8.746064	-75.907975	-0.650696
-0.021268	-0.154504	-6.440442	
0.34395	-8.746064	-75.907975	-0.650696
-0.021268	-0.268406	-15.377264	
0.51592	-8.746064	-75.907975	-0.650696
-0.021268	-0.621021	-44.638177	
0.68790	-8.746064	-75.907975	-0.650696
-0.021268	-0.973409	-111.997202	

COMB DL-G2-3 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	9.552199	144.357765	0.542590
0.014187	0.458797	253.684400	0.542590
0.17197	9.552199	144.357765	0.542590
0.014187	0.092556	211.851939	0.542590
0.34395	9.552199	144.357765	0.542590
0.014187	0.345394	194.46514	0.542590
0.51592	9.552199	144.357765	0.542590
0.014187	0.823686	220.680929	0.542590
0.68790	9.552199	144.357765	0.542590
0.014187	1.318201	269.141441	

COMB DL-G2-3 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-8.335925	-75.391128	-0.717592
-0.013400	-0.657278	-0.018055	
0.17197	-8.335925	-75.391128	-0.717592
-0.013400	-0.165308	-8.422749	
0.34395	-8.335925	-75.391128	-0.717592
-0.013400	-0.285899	-43.726747	
0.51592	-8.335925	-75.391128	-0.717592
-0.013400	-0.660408	-101.594338	
0.68790	-8.335925	-75.391128	-0.717592
-0.013400	-1.034761	-198.001358	

COMB DB ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	13.453838	164.058358	0.408499
0.015584	0.343749	237.536888	0.408499
0.17197	13.453838	164.058358	0.408499
0.015584	0.065598	195.920354	0.408499
0.34395	13.453838	164.058358	0.408499
0.015584	0.246186	162.004115	0.408499
0.51592	13.453838	164.058358	0.408499
0.015584	0.574174	182.879515	0.408499
0.68790	13.453838	164.058358	0.408499
0.015584	0.923111	231.824036	

COMB	DB	-----	MIN
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-9.399201	-73.941158	-0.506755
-0.015256	-0.474292	-7.576855	
0.17197	-9.399201	-73.941158	-0.506755
-0.015256	-0.126927	-37.005787	
0.34395	-9.399201	-73.941158	-0.506755
-0.015256	-0.219187	-76.359893	
0.51592	-9.399201	-73.941158	-0.506755
-0.015256	-0.500543	-138.881265	
0.68790	-9.399201	-73.941158	-0.506755
-0.015256	-0.781914	-245.980065	
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COMB DL ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	12.148061	152.364619	0.542590
0.014187	0.458797	254.293116	0.542590
0.17197	12.148061	152.364619	0.542590
0.014187	0.092556	221.970509	0.542590
0.34395	12.148061	152.364619	0.542590
0.014187	0.345394	201.716410	0.542590
0.51592	12.148061	152.364619	0.542590
0.014187	0.823686	223.275768	0.542590
0.68790	12.148061	152.364619	0.542590
0.014187	1.318201	269.141441	

COMB DL ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-8.746064	-75.907975	-0.717592
-0.015256	-0.657278	-9.314739	
0.17197	-8.746064	-75.907975	-0.717592
-0.014067	-0.165308	-39.558910	
0.34395	-8.746064	-75.907975	-0.717592
-0.014067	-0.285899	-75.316159	
0.51592	-8.746064	-75.907975	-0.717592
-0.015256	-0.660408	-139.534467	
0.68790	-8.746064	-75.907975	-0.717592
-0.014067	-1.034761	-241.887788	

COMB CAR ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	13.453838	164.058358	0.542590
0.015584	0.458797	254.293116	0.542590
0.17197	13.453838	164.058358	0.542590
0.015584	0.092556	221.970509	0.542590
0.34395	13.453838	164.058358	0.542590
0.015584	0.345394	201.716410	0.542590
0.51592	13.453838	164.058358	0.542590
0.015584	0.823686	223.275768	0.542590
0.68790	13.453838	164.058358	0.542590
0.015584	1.318201	269.141441	

COMB CAR ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-9.399201	-75.907975	-0.717592
-0.015256	-0.657278	-9.314739	
0.17197	-9.399201	-75.907975	-0.717592
-0.015256	-0.165308	-39.558910	
0.34395	-9.399201	-75.907975	-0.717592
-0.015256	-0.285899	-76.359893	
0.51592	-9.399201	-75.907975	-0.717592
-0.015256	-0.660408	-139.534467	
0.68790	-9.399201	-75.907975	-0.717592
-0.015256	-1.034761	-245.980065	

COMB DESIGN ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	13.453838	164.058358	0.542590
0.015584	0.458797	254.293116	0.542590
0.17197	13.453838	164.058358	0.542590
0.015584	0.092556	221.970509	0.542590
0.34395	13.453838	164.058358	0.542590
0.015584	0.345394	201.716410	0.542590
0.51592	13.453838	164.058358	0.542590
0.015584	0.823686	223.275768	0.542590
0.68790	13.453838	164.058358	0.542590
0.015584	1.318201	269.141441	

COMB DESIGN ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-9.399201	-75.907975	-0.717592
-0.015256	-0.657278	-9.314739	
0.17197	-9.399201	-75.907975	-0.717592
-0.015256	-0.165308	-39.558910	
0.34395	-9.399201	-75.907975	-0.717592
-0.015256	-0.285899	-76.359893	
0.51592	-9.399201	-75.907975	-0.717592
-0.015256	-0.660408	-139.534467	
0.68790	-9.399201	-75.907975	-0.717592
-0.015256	-1.034761	-245.980065	
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COMB DL ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	13.453838	164.058358	0.542590
0.015584	0.458797	254.293116	0.542590
0.17197	13.453838	164.058358	0.542590
0.015584	0.092556	221.970509	0.542590
0.34395	13.453838	164.058358	0.542590
0.015584	0.345394	201.716410	0.542590
0.51592	13.453838	164.058358	0.542590
0.015584	0.823686	223.275768	0.542590
0.68790	13.453838	164.058358	0.542590
0.015584	1.318201	269.141441	

F O R C E S				
E	149	=====	LENGTH =	
4.004429				
COMB DB-G1-1----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31215	6.173517	39.734705		0.114634
3.59E-05	0.218747	104.079222		
0.48412	6.173517	39.734705		0.114634
3.59E-05	0.139814	76.725151		
0.65608	6.173517	39.734705		0.114634
3.59E-05	0.060881	49.397941		
0.82804	6.173517	39.734705		0.114634
3.59E-05	0.025024	22.144097		
1.00000	6.173517	39.734705		0.114634
3.59E-05	0.135596	0.969893		

-0.000179 -0.252110 -61.308346
0.82804 -0.512967 -39.132256
-0.000179 -0.063530 -34.647965
1.00000 -5.412667 -39.132256
-0.000179 -0.345201 -8.553546

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

REL_DIST M2 P M3 V2 V3
0.31215 2.041557 34.442183 0.588381
0.015017 1.120276 142.154673
0.48412 2.041557 34.442183 0.588381
0.015017 0.715580 121.439093
0.65608 2.041557 34.442183 0.588381
0.015017 0.306992 122.305553
0.82804 2.041557 34.442183 0.588381
0.015017 0.117176 164.815934
1.00000 2.041557 34.442183 0.588381
0.015017 0.620423 216.066330

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

REL_DIST M2 P M3 V2 V3
0.31215 -11.164643 -142.434493 -0.731783
-0.012071 -1.164643 -142.434493 -0.731783
-0.012071 -0.904633 -122.235566
0.65608 -11.164643 -142.434493 -0.731783
-0.012071 -0.406020 -64.235513
0.82804 -11.164643 -142.434493 -0.731783
-0.012071 -0.129710 -27.284361
1.00000 -11.164643 -142.434493 -0.731783
-0.012071 -0.526923 .000000

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

REL_DIST M2 P M3 V2 V3
0.31215 5.882430 71.730596 0.634680
0.014699 1.209193 277.483009
0.48412 5.882430 71.730596 0.634680
0.014699 0.772543 231.380968
0.65608 5.882430 71.730596 0.634680
0.014699 0.334795 206.936911
0.82804 5.882430 71.730596 0.634680
0.014699 0.124333 224.498881
1.00000 5.882430 71.730596 0.634680
0.014699 0.683441 252.252826
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT

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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P M3 V2 V3
0.31215 -1.132865 -148.504659 -0.816164
-0.013350 -1.576871 -229.556394
0.48412 -1.132865 -148.504659 -0.816164
-0.013350 -1.017633 -130.185987
0.65608 -1.132865 -148.504659 -0.816164
-0.013350 -0.461683 -68.471739
0.82804 -1.132865 -148.504659 -0.816164
-0.013350 -0.137697 -28.266062
1.00000 -1.132865 -148.504659 -0.816164
-0.013350 -0.565328 .000000

COMB DB ----- MAX

REL_DIST M2 P M3 V2 V3
0.31215 8.377030 68.903161 0.414565
0.015881 1.209193 277.483009
0.48412 8.377030 68.903161 0.414565
0.015881 0.505553 186.584634
0.65608 8.377030 68.903161 0.414565
0.015881 0.220100 166.654596
0.82804 8.377030 68.903161 0.414565
0.015881 0.084133 98.656628
1.00000 8.377030 68.903161 0.414565
0.015881 0.456373 235.788908

COMB DB ----- MIN

REL_DIST M2 P M3 V2 V3
0.31215 -12.917895 -161.105150 -0.532860
-0.015454 -1.014968 -234.223759
0.48412 -12.917895 -161.105150 -0.532860
-0.015454 -0.654549 -129.065156
0.65608 -12.917895 -161.105150 -0.532860
-0.015454 -0.302284 -69.246845
0.82804 -12.917895 -161.105150 -0.532860
-0.015454 -0.097618 -33.898303
1.00000 -12.917895 -161.105150 -0.532860
-0.015454 -0.354598 -7.069310

COMB DL ----- MAX

REL_DIST M2 P M3 V2 V3
0.31215 7.74782 71.730596 0.634680
0.015017 1.209193 277.483009
0.48412 7.74782 71.730596 0.634680
0.015017 0.772543 231.380968
0.65608 7.74782 71.730596 0.634680
0.015017 0.334795 206.936911
0.82804 7.74782 71.730596 0.634680
0.015017 0.124333 224.498881
1.00000 7.74782 71.730596 0.634680
0.015017 0.683441 252.467351

COMB DL ----- MIN

REL_DIST M2 P M3 V2 V3
0.31215 -11.164643 -148.637845 -0.816164
-0.014591 -1.576871 -229.556394
0.48412 -11.164643 -148.637845 -0.816164
-0.014591 -1.017633 -130.185987
0.65608 -11.164643 -148.637845 -0.816164
-0.014591 -0.461683 -68.471739
0.82804 -11.164643 -148.637845 -0.816164
-0.014591 -0.137697 -34.647965
1.00000 -11.164643 -148.637845 -0.816164
-0.014591 -0.565328 -8.553546

COMB CAR ----- MAX

REL_DIST M2 P M3 V2 V3
0.31215 8.377030 71.730596 0.634680
0.015881 1.209193 277.483009
0.48412 8.377030 71.730596 0.634680
0.015881 0.772543 231.380968
0.65608 8.377030 71.730596 0.634680
0.015881 0.334795 206.936911
0.82804 8.377030 71.730596 0.634680
0.015881 0.124333 224.498881
1.00000 8.377030 71.730596 0.634680
0.015881 0.683441 252.467351
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL_DIST M2 M3 V2 V3
0.31215 -12.917895 -161.105150 -0.816164
-0.015454 -1.576871 -234.223759
0.48412 -12.917895 -161.105150 -0.816164
-0.015454 -1.017633 -130.185987
0.65608 -12.917895 -161.105150 -0.816164
-0.015454 -0.461683 -69.246845
0.82804 -12.917895 -161.105150 -0.816164
-0.015454 -0.137697 -34.647965
1.00000 -12.917895 -161.105150 -0.816164
-0.015454 -0.565328 -8.553546

COMB DESIGN ----- MAX

REL_DIST M2 P M3 V2 V3
0.31215 8.377030 71.730596 0.634680
0.015881 1.209193 277.483009
0.48412 8.377030 71.730596 0.634680
0.015881 0.772543 231.380968
0.65608 8.377030 71.730596 0.634680
0.015881 0.334795 206.936911
0.82804 8.377030 71.730596 0.634680
0.015881 0.124333 224.498881
1.00000 8.377030 71.730596 0.634680
0.015881 0.683441 252.467351

COMB DESIGN ----- MIN

REL_DIST M2 P M3 V2 V3
0.31215 -12.917895 -161.105150 -0.816164
-0.015454 -1.576871 -234.223759
0.48412 -12.917895 -161.105150 -0.816164
-0.015454 -1.017633 -130.185987
0.65608 -12.917895 -161.105150 -0.816164
-0.015454 -0.461683 -69.246845
0.82804 -12.917895 -161.105150 -0.816164
-0.015454 -0.137697 -34.647965
1.00000 -12.917895 -161.105150 -0.816164
-0.015454 -0.565328 -8.553546

ELEM 150 ----- LENGTH = 4.005428

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

REL_DIST M2 P M3 V2 V3
0.00000 6.129584 39.274785 0.113922
2.28E-05 0.096743 0.969856
0.17198 6.129584 39.274785 0.113922
2.28E-05 0.018202 10.092552
0.34396 6.129584 39.274785 0.113922
2.28E-05 0.084943 20.482959
0.51594 6.129584 39.274785 0.113922
2.28E-05 0.195287 30.935737
0.68792 6.129584 39.274785 0.113922
2.28E-05 0.305642 41.411121

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

REL_DIST M2 P M3 V2 V3
0.00000 -1.088432 -15.209105 -0.160203
-0.002131 -0.135783 -5.585484
0.17198 -1.088432 -15.209105 -0.160203
-0.002131 -0.025403 -32.467921
0.34396 -1.088432 -15.209105 -0.160203
-0.002131 -0.060209 -59.440187
0.51594 -1.088432 -15.209105 -0.160203
-0.002131 -0.138685 -86.444470
0.68792 -1.088432 -15.209105 -0.160203
-0.002131 -0.271162 -113.488125

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

REL_DIST M2 P M3 V2 V3
0.00000 12.780139 156.352704 0.184199
0.013026 1.055218 207.746179
0.17198 12.780139 156.352704 0.184199
0.013026 0.030417 141.868452
0.34396 12.780139 156.352704 0.184199
0.013026 0.144196 84.686650
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL_DIST M2 P M3 V2 V3
0.51594 12.780139 156.352704 0.184199
0.013026 0.336622 78.776715
0.17198 12.780139 156.352704 0.184199
0.013026 0.551415 95.635994

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

REL_DIST M2 M3 V2 V3
0.00000 -1.844008 -27.412283 -0.309736
-0.015676 -0.302034 -0.000551
0.17198 -1.844008 -27.412283 -0.309736
-0.015676 -0.089208 -28.179364
0.34396 -1.844008 -27.412283 -0.309736
-0.015676 -0.098444 -66.140151
0.51594 -1.844008 -27.412283 -0.309736
-0.015676 -0.225307 -124.164649
0.68792 -1.844008 -27.412283 -0.309736
-0.015676 -0.352233 -226.573213

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

REL_DIST M2 P M3 V2 V3
0.00000 12.741382 161.044951 0.348567
0.014553 0.293622 235.485387
0.17198 12.741382 161.044951 0.348567
0.014553 0.055599 196.287663
0.34396 12.741382 161.044951 0.348567
0.014553 0.246206 164.244643
0.51594 12.741382 161.044951 0.348567
0.014553 0.576002 184.595188
0.68792 12.741382 161.044951 0.348567
0.014553 0.922561 228.206477

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

REL_DIST M2 P M3 V2 V3
0.00000 -6.419307 -66.336360 -0.505541
-0.015676 -0.470746 -0.004006
0.17198 -6.419307 -66.336360 -0.505541
-0.015676 -0.125292 -27.979399

0.34396 -6.419307 -66.336360 -0.505541
-0.015676 -0.186472 -67.095724
0.51594 -6.419307 -66.336360 -0.505541
-0.015676 -0.268752 -72.061925
0.68792 -6.419307 -66.336360 -0.505541
-0.015676 -0.666723 -232.470904

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

REL_DIST M2 P M3 V2 V3
0.00000 1.116277 15.421153 0.265627
0.002251 0.224104 1.238876
0.17198 1.116277 15.421153 0.265627
0.002251 0.040988 20.774704
0.265627
0.002251 0.168826 48.048141
0.51594 1.116277 15.421153 0.265627
0.002251 0.386568 75.401141
0.68792 1.116277 15.421153 0.265627
0.002251 0.604325 102.781343

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

REL_DIST M2 P M3 V2 V3
0.00000 -6.314600 -39.758526 -0.316152
-3.46E-05 0.266910 1.061124
0.17198 -6.314600 -39.758526 -0.316152
-3.46E-05 0.049550 -10.336047
0.34396 -6.314600 -39.758526 -0.316152
-3.46E-05 -0.141838 -20.588344
0.51594 -6.314600 -39.758526 -0.316152
-3.46E-05 -0.348372 -31.161392
0.68792 -6.314600 -39.758526 -0.316152
-3.46E-05 -0.507811 -41.770837

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

REL_DIST M2 P M3 V2 V3
0.00000 6.349841 118.421118 0.370937
0.015563 0.312421 205.992868
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT

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FRAME ELEMENT INTERNAL FORCES

REL_DIST M2 P M3 V2 V3
0.17198 6.349841 118.421118 0.370937
0.015563 0.059045 175.530397
0.34396 6.349841 118.421118 0.370937
0.015563 0.253564 145.143774
0.51594 6.349841 118.421118 0.370937
0.015563 0.589590 166.071002
0.68792 6.349841 118.421118 0.370937
0.015563 0.943887 209.737115

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

REL_DIST M2 P M3 V2 V3
0.00000 -8.534662 -66.322333 -0.515279
-0.013058 -0.476037 .000000
0.17198 -8.534662 -66.322333 -0.515279
-0.013058 -0.122995 -9.407497
0.34396 -8.534662 -66.322333 -0.515279
-0.013058 -0.198539 -21.182557
0.51594 -8.534662 -66.322333 -0.515279
-0.013058 -0.454032 -53.060620
0.68792 -8.534662 -66.322333 -0.515279
-0.013058 -0.709594 -129.339934

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

REL_DIST M2 P M3 V2 V3
0.00000 10.905033 158.755597 0.412313
0.015681 0.346846 234.786645
0.17198 10.905033 158.755597 0.412313
0.015681 0.064947 183.986051
0.34396 10.905033 158.755597 0.412313
0.015681 0.274891 152.978412
0.51594 10.905033 158.755597 0.412313
0.015681 0.639211 174.872345
0.68792 10.905033 158.755597 0.412313
0.015681 1.022200 202.067373

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

REL_DIST M2 P M3 V2 V3
0.00000 -8.344530 -68.857536 -0.556938
-0.014895 -0.512507 .000000
0.17198 -8.344530 -68.857536 -0.556938
-0.014895 -0.130510 -10.527191
0.34396 -8.344530 -68.857536 -0.556938
-0.014895 -0.221117 -48.250643
0.51594 -8.344530 -68.857536 -0.556938
-0.014895 -0.505110 -106.721978
0.68792 -8.344530 -68.857536 -0.556938
-0.014895 -0.789174 -210.610008

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

REL_DIST M2 P M3 V2 V3
0.00000 5.275235 39.025868 0.161170
2.16E-05 0.135829 1.369114
0.17198 5.275235 39.025868 0.161170
2.16E-05 0.025025 13.487185
0.34396 5.275235 39.025868 0.161170
2.16E-05 0.126143 27.548933
0.51594 5.275235 39.025868 0.161170
2.16E-05 0.284223 41.741759
0.68792 5.275235 39.025868 0.161170
2.16E-05 0.442271 55.970863

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

REL_DIST M2 P M3 V2 V3
0.00000 -1.08622 -20.694436 -0.229170
-0.002334 -0.188700 -8.032974
0.17198 -1.08622 -20.694436 -0.229170
-0.002334 -0.032385 -33.116300
0.34396 -1.08622 -20.694436 -0.229170
-0.002334 -0.108622 -59.149316
0.51594 -1.08622 -20.694436 -0.229170
-0.002334 -0.196765 -86.533898
0.68792 -1.08622 -20.694436 -0.229170
-0.002334 -0.307845 -113.380561
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT

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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P M3 V2 V3
0.00000 -7.427959 -65.849287 -0.766423
-0.011972 -0.693894 .000000
0.17198 -7.427959 -65.849287 -0.766423
-0.011972 -0.167240 -12.432144
0.34396 -7.427959 -65.849287 -0.766423
-0.011972 -0.313154 -28.404802
0.51594 -7.427959 -65.849287 -0.766423
-0.011972 -0.721792 -65.849287 -0.766423
0.68792 -7.427959 -65.849287 -0.766423
-0.011972 -1.130312 -140.382058

T M2 M3
0.00000 11.062130 142.335520 0.287595
0.011946 0.240629 216.306802
0.17198 11.062130 142.335520 0.287595
0.011946 0.047799 163.0

0.51594 -7.427959 -71.605330 -0.848529
-0.013583 -0.783964 -111.897072
0.68792 -7.427959 -71.605330
-0.013583 -1.226526 -211.323833

COMB DB ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 12.780139 161.044951 0.412313
0.015681 0.346846 235.465387
0.17198 12.780139 161.044951 0.412313
0.015681 0.064947 196.287663
0.34396 12.780139 161.044951 0.412313
0.015681 0.274891 164.244643
0.51594 12.780139 161.044951 0.412313
0.015681 0.639211 184.595188
0.68792 12.780139 161.044951 0.412313
0.015681 1.022200 228.206477

COMB DB ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -8.534662 -68.857536 -0.556938
-0.015676 -0.512507 -7.061124
0.17198 -8.534662 -68.857536 -0.556938
-0.015676 -0.341211 -67.095724
0.34396 -8.534662 -68.857536 -0.556938
-0.015676 -0.221117 -67.095724
0.51594 -8.534662 -68.857536 -0.556938
-0.015676 -0.505110 -127.061925
0.68792 -8.534662 -68.857536 -0.556938
-0.015676 -0.789174 -232.470904
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 11.124780 148.612395 0.642083
0.014687 0.541767 252.428140
0.17198 11.124780 148.612395 0.642083
0.014687 0.104652 222.369472
0.34396 11.124780 148.612395 0.642083
0.014687 0.419175 204.728836
0.51594 11.124780 148.612395 0.642083
0.014687 0.989521 229.315845
0.68792 11.124780 148.612395 0.642083
0.014687 1.573787 275.541261

COMB DL ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -7.475892 -71.666881 -0.848529
-0.014737 -0.762589 -8.546619
0.17198 -7.475892 -71.666881 -0.848529
-0.014737 -0.179625 -33.116300
0.34396 -7.475892 -71.666881 -0.848529
-0.014737 -0.341211 -66.085924
0.51594 -7.475892 -71.666881 -0.848529
-0.014737 -0.783964 -127.952414
0.68792 -7.475892 -71.666881 -0.848529
-0.014737 -1.226526 -227.361813

COMB CAR ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 12.780139 161.044951 0.642083
0.015681 0.541767 252.428140
0.17198 12.780139 161.044951 0.642083
0.015681 0.104652 222.369472
0.34396 12.780139 161.044951 0.642083
0.015681 0.419175 204.728836
0.51594 12.780139 161.044951 0.642083
0.015681 0.989521 229.315845
0.68792 12.780139 161.044951 0.642083
0.015681 1.573787 275.541261

COMB CAR ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -8.534662 -71.666881 -0.848529
-0.015676 -0.762589 -8.546619
0.17198 -8.534662 -71.666881 -0.848529
-0.015676 -0.179625 -33.116300
0.34396 -8.534662 -71.666881 -0.848529
-0.015676 -0.341211 -67.095724
0.51594 -8.534662 -71.666881 -0.848529
-0.015676 -0.783964 -127.952414
0.68792 -8.534662 -71.666881 -0.848529
-0.015676 -1.226526 -232.470904

COMB DESIGN ----- MAX

REL_DIST M2 P M3 V2 V3
0.00000 12.780139 161.044951 0.642083
0.015681 0.541767 252.428140
0.17198 12.780139 161.044951 0.642083
0.015681 0.104652 222.369472
0.34396 12.780139 161.044951 0.642083
0.015681 0.419175 204.728836
0.51594 12.780139 161.044951 0.642083
0.015681 0.989521 229.315845
0.68792 12.780139 161.044951 0.642083
0.015681 1.573787 275.541261

COMB DESIGN ----- MIN

REL_DIST M2 P M3 V2 V3
0.00000 -8.534662 -71.666881 -0.848529
-0.015676 -0.762589 -8.546619
0.17198 -8.534662 -71.666881 -0.848529
-0.015676 -0.179625 -33.116300
0.34396 -8.534662 -71.666881 -0.848529
-0.015676 -0.341211 -67.095724
0.51594 -8.534662 -71.666881 -0.848529
-0.015676 -0.783964 -127.952414
0.68792 -8.534662 -71.666881 -0.848529
-0.015676 -1.226526 -232.470904
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT

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FRAME ELEMENT INTERNAL FORCES

ELEM 151 ===== LENGTH = 4.004798

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

REL_DIST M2 P M3 V2 V3
0.31213 4.222302 25.825600 0.113726

3.66E-05 0.217761 66.068523 0.113726
0.48409 4.222302 25.825600
3.66E-05 0.139438 48.293236
0.65606 4.222302 25.825600
3.66E-05 0.061115 30.542129
0.82803 4.222302 25.825600
3.66E-05 0.024459 12.910059
1.00000 4.222302 25.825600
3.66E-05 0.134104 0.963447

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

REL_DIST M2 P M3 V2 V3
0.31213 -1.746525 -22.491996 -0.159061
-0.002302 -0.304072 -62.859992
0.48409 -1.746525 -22.491996 -0.159061
-0.002302 -0.194527 -47.380513
0.65606 -1.746525 -22.491996 -0.159061
-0.002302 -0.084978 -31.955917
0.82803 -1.746525 -22.491996 -0.159061
-0.002302 -0.017139 -16.855067
1.00000 -1.746525 -22.491996 -0.159061
-0.002302 -0.095535 -5.378491

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

REL_DIST M2 P M3 V2 V3
0.31213 5.992001 49.658300 0.182859
0.013102 0.349376 64.558507
0.48409 5.992001 49.658300
0.013102 0.223422 132.476748
0.65606 5.992001 49.658300
0.013102 0.097481 122.241054
0.82803 5.992001 49.658300
0.013102 0.053682 164.188428
1.00000 5.992001 49.658300
0.013102 0.255775 206.152127

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

REL_DIST M2 P M3 V2 V3
0.31213 -7.192095 -126.975772 -0.293565
-0.015578 -0.566529 -155.254451
0.48409 -7.192095 -126.975772 -0.293565
-0.015578 -0.364404 -72.615246
0.65606 -7.192095 -126.975772 -0.293565
-0.015578 -0.164521 -33.636281
0.82803 -7.192095 -126.975772 -0.293565
-0.015578 -0.061053 -16.301815
1.00000 -7.192095 -126.975772 -0.293565
-0.015578 -0.159592 -0.014905

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

REL_DIST M2 P M3 V2 V3
0.31213 6.470619 58.139969 0.347355
0.015102 0.663537 192.794025
0.48409 6.470619 58.139969
0.015102 0.424934 155.024920
0.65606 6.470619 58.139969
0.015102 0.185048 139.797205
0.82803 6.470619 58.139969
0.015102 0.083511 178.401535
1.00000 6.470619 58.139969
0.015102 0.425691 233.533873

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

REL_DIST M2 P M3 V2 V3
0.31213 -10.578929 -158.044190 -0.497009
-0.015816 -0.957392 -212.008489
0.48409 -10.578929 -158.044190 -0.497009
-0.015816 -0.615161 -108.078432
0.65606 -10.578929 -158.044190 -0.497009
-0.015816 -0.275223 -49.102582
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT

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FRAME ELEMENT INTERNAL FORCES

REL_DIST M2 P M3 V2 V3
0.82803 -10.578929 -158.044190 -0.497009
-0.015816 -0.087399 -14.704695
1.00000 -10.578929 -158.044190 -0.497009
-0.015816 -0.298701 -0.017096

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

REL_DIST M2 P M3 V2 V3
0.31213 1.801947 22.378418 0.265903
0.002438 0.508105 61.971416
0.48409 1.801947 22.378418
0.002438 0.024943 46.502633
0.65606 1.801947 22.378418
0.002438 0.141835 31.170175
0.82803 1.801947 22.378418
0.002438 0.049858 15.845819
1.00000 1.801947 22.378418
0.002438 0.274388 1.098065

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

REL_DIST M2 P M3 V2 V3
0.31213 -4.298086 -25.892242 -0.325933
-0.000258 -0.623523 -77.203992
0.48409 -4.298086 -25.892242 -0.325933
-0.000258 -0.399059 -59.382640
0.65606 -4.298086 -25.892242 -0.325933
-0.000258 -0.174600 -41.600070
0.82803 -4.298086 -25.892242 -0.325933
-0.000258 -0.041174 -23.849780
1.00000 -4.298086 -25.892242 -0.325933
-0.000258 -0.224407 -6.280078

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

REL_DIST M2 P M3 V2 V3
0.31213 2.635029 35.837764 0.370314
0.016075 0.703360 119.695715
0.48409 2.635029 35.837764
0.016075 0.452037 97.124673
0.65606 2.635029 35.837764
0.016075 0.197272 96.399416
0.82803 2.635029 35.837764
0.016075 0.086449 147.863741
1.00000 2.635029 35.837764
0.016075 0.439520 205.048192

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

REL_DIST M2 P M3 V2 V3
0.31213 -10.717211 -140.563031 -0.512518
-0.013284 -0.986228 -185.432119
0.48409 -10.717211 -140.563031 -0.512518
-0.013284 -0.633310 -93.427656
0.65606 -10.717211 -140.563031 -0.512518

-0.013284 -0.282646 -45.283256
0.82803 -0.171211 -140.563031 -0.512518
-0.013284 -0.090281 -18.325375
-0.013284 -0.717211 -140.563031 -0.512518
-0.013284 -0.318030 .000000

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

REL_DIST M2 P M3 V2 V3
0.31213 5.805376 65.130509 0.411183
0.016039 0.785051 225.736805
0.48409 5.805376 65.130509
0.016039 0.501851 183.032142
0.65606 5.805376 65.130509
0.016039 0.219671 162.656910
0.82803 5.805376 65.130509
0.016039 0.092631 195.615465
1.00000 5.805376 65.130509
0.016039 0.482043 233.100192

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

REL_DIST M2 P M3 V2 V3
0.31213 -11.296670 -151.171324 -0.569652
-0.014783 -1.101506 -207.194631
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT

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FRAME ELEMENT INTERNAL FORCES

REL_DIST M2 P M3 V2 V3
0.48409 -11.296670 -151.171324 -0.569652
-0.014783 -0.709387 -108.112190
0.65606 -11.296670 -151.171324 -0.569652
-0.014783 -0.319636 -53.965113
0.82803 -11.296670 -151.171324 -0.569652
-0.014783 -0.097725 -21.796596
-0.014783 -11.296670 -151.171324 -0.569652
-0.014783 -0.353041 .000000

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

REL_DIST M2 P M3 V2 V3
0.31213 3.435090 23.807055 0.193595
3.60E-05 0.376033 60.921710
0.48409 3.435090 23.807055
3.60E-05 0.242628 44.570907
0.65606 3.435090 23.807055
3.60E-05 0.103114 28.279687
0.82803 3.435090 23.807055
3.60E-05 0.038197 12.279231
1.00000 3.435090 23.807055
3.60E-05 0.213915 1.360980

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

REL_DIST M2 P M3 V2 V3
0.31213 -2.814666 -32.771959 -0.255718
-0.002671 -0.489575 -92.858232
0.48409 -2.814666 -32.771959 -0.255718
-0.002671 -0.313684 -70.330894
0.65606 -2.814666 -32.771959 -0.255718
-0.002671 -0.137319 -47.865803
0.82803 -2.814666 -32.771959 -0.255718
-0.002671 -0.023178 -15.727597
1.00000 -2.814666 -32.771959 -0.255718
-0.002671 -0.156945 -8.151289

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

REL_DIST M2 P M3 V2 V3
0.31213 5.113466 46.616708 0.346105
0.012016 0.664841 180.686466
0.48409 5.113466 46.616708
0.012016 0.427055 151.477934
0.65606 5.113466 46.616708
0.012016 0.189128 142.795737
0.82803 5.113466 46.616708
0.012016 0.074704 176.895408
1.00000 5.113466 46.616708
0.012016 0.396191 213.697131

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

REL_DIST M2 P M3 V2 V3
0.31213 -7.791643 -125.906332 -0.469966
-0.014933 -0.102178 -180.035396
0.48409 -7.791643 -125.906332 -0.469966
-0.014933 -0.589931 -95.841176
0.65606 -7.791643 -125.906332 -0.469966
-0.014933 -0.267563 -47.825847
0.82803 -7.791643 -125.906332 -0.469966
-0.014933 -0.059277 -22.387595
1.00000 -7.791643 -125.906332 -0.469966
-0.014933 -0.315594 -0.012251

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

REL_DIST M2 P M3 V2 V3
0.31213 6.351231 60.909241 0.624188
0.013914 1.192821 232.276599
0.48409 6.351231 60.909241
0.013914 0.763473 193.706770
0.65606 6.351231 60.909241
0.013914 0.333994 176.114469
0.82803 6.351231 60.909241
0.013914 0.119537 204.851956
1.00000 6.351231 60.909241
0.013914 0.658912 249.427382
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT

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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P M3 V2 V3
0.31213 -10.326804 -151.104681 -0.785766
-0.014183 -1.519906 -223.598060
0.48409 -10.326804 -151.104681 -0.785766
-0.014183 -0.979353 -122.466628
0.65606 -10.326804 -151.104681 -0.785766
-0.014183 -0.439038 -58.015233
0.82803 -10.326804 -151.104681 -0.785766
-0.014183 -0.315529 -20.276140
1.00000 -10.326804 -151.104681 -0.785766
-0.014183 -0.553465 -0.013914

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

REL_DIST M2 P M3 V2 V3
0.31213 6.504363 73.477663 0.727523
0.015469 1.386029 278.438649
0.48409 6.504363 73.477663
0.015469 0.885774 231.108942
0.65606 6.504363 73.477663
0.015469 0.384737 204.723584
0.82803 6.504363 73.477663
0.015469 0.134796 222.032202
1.00000 6.504363 73.477663
0.015469 0.745564 249.659418

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

REL_DIST M2 P M3 V2 V3
0.31213 -10.326804 -151.104681 -0.785766
-0.014183 -1.519906 -223.598060
0.48409 -10.326804 -151.104681 -0.785766
-0.014183 -0.979353 -122.466628
0.65606 -10.326804 -151.104681 -0.785766
-0.014183 -0.439038 -58.015233
0.82803 -10.326804 -151.104681 -0.785766
-0.014183 -0.315529 -20.276140
1.00000 -10.326804 -151.104681 -0.785766
-0.014183 -0.553465 -0.013914

0.31213 2.906628 32.514081 0.445704
0.002886 0.849064 89.190811
0.48409 2.906628 32.514081 0.445704
0.002886 0.500787 66.859407
0.65606 2.906628 32.514081 0.445704
0.002886 0.234942 45.507925
0.82803 2.906628 32.514081 0.445704
0.002886 0.077504 22.265362
1.00000 2.906628 32.514081 0.445704
0.002886 0.427979 1.479472

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

REL_DIST M2 P M3 V2 V3
0.31213 -3.494832 -23.853048 -0.508344
-0.000215 -0.971662 -71.325560
0.48409 -3.494832 -23.853048 -0.508344
-0.000215 -0.621423 -54.934795
0.65606 -3.494832 -23.853048 -0.508344
-0.000215 -0.271010 -38.581965
0.82803 -3.494832 -23.853048 -0.508344
-0.000215 -0.071320 -22.309619
1.00000 -3.494832 -23.853048 -0.508344
-0.000215 -0.378682 -7.484727

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

REL_DIST M2 P M3 V2 V3
0.31213 4.061959 47.895372 0.658057
0.015469 1.250967 179.919541
0.48409 4.061959 47.895372
0.015469 0.798601 149.830612
0.65606 4.061959 47.895372
0.015469 0.345429 140.219603
0.82803 4.061959 47.895372
0.015469 0.124814 173.565315
1.00000 4.061959 47.895372
0.015469 0.665267 214.645864

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

REL_DIST M2 P M3 V2 V3
0.31213 -9.049469 -124.065935 -0.786585
-0.012165 -1.515976 -169.253189
0.48409 -9.049469 -124.065935 -0.786585
-0.012165 -0.974842 -86.328889
0.65606 -9.049469 -124.065935 -0.786585
-0.012165 -0.434401 -39.594246
0.82803 -9.049469 -124.065935 -0.786585
-0.012165 -0.143550 -15.445579
1.00000 -9.049469 -124.065935 -0.786585
-0.012165 -0.588900 .000000

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

REL_DIST M2 P M3 V2 V3
0.31213 6.504363 73.477663 0.727523
0.015103 1.386029 278.438649
0.48409 6.504363 73.477663
0.015103 0.885774 231.108942
0.65606 6.504363 73.477663
0.015103 0.384737 204.723584
0.82803 6.504363 73.477663
0.015103 0.134796 222.032202
1.00000 6.504363 73.477663
0.015103 0.745564 249.659418
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST M2 P M3 V2 V3
0.31213 -10.225563 -138.694335 -0.891377
-0.013629 -1.724245 -200.9187

1.00000 -0.152260 -25.721797
1.00000 -0.1026804 -151.104681
1.004933 -0.645074 -8.151289
COMB CAR ----- MAX
REL DIST M2 P M3 V2 V3
0.31213 6.504363 73.477663 0.727523
0.016075 1.386029 278.438649 0.727523
0.48409 6.504363 73.477663 0.727523
0.016075 0.885774 231.108942 0.727523
0.65606 6.504363 73.477663 0.727523
0.016075 0.384737 204.723584 0.727523
0.82803 6.504363 73.477663 0.727523
0.016075 0.134796 222.032202 0.727523
1.00000 6.504363 73.477663 0.727523
0.016075 0.745564 249.659418 0.727523
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FRAME ELEMENT INTERNAL FORCES
COMB CAR ----- MIN
REL DIST M2 P M3 V2 V3
0.31213 -11.296670 -158.044190 -0.891377
0.015816 -1.724245 -223.598060 -0.891377
0.48409 -11.296670 -158.044190 -0.891377
-0.015816 -1.110928 -122.466628 -0.891377
0.015816 -11.296670 -158.044190 -0.891377
0.82803 -11.296670 -158.044190 -0.891377
-0.015816 -0.152260 -25.721797 -0.891377
1.00000 -11.296670 -158.044190 -0.891377
-0.015816 -0.645074 -8.151289 -0.891377
COMB DESIGN ----- MAX
REL DIST M2 P M3 V2 V3
0.31213 6.504363 73.477663 0.727523
0.016075 1.386029 278.438649 0.727523
0.48409 6.504363 73.477663 0.727523
0.016075 0.885774 231.108942 0.727523
0.65606 6.504363 73.477663 0.727523
0.016075 0.384737 204.723584 0.727523
0.82803 6.504363 73.477663 0.727523
0.016075 0.134796 222.032202 0.727523
1.00000 6.504363 73.477663 0.727523
0.016075 0.745564 249.659418 0.727523
COMB DESIGN ----- MIN
REL DIST M2 P M3 V2 V3
0.31213 -11.296670 -158.044190 -0.891377
-0.015816 -1.724245 -223.598060 -0.891377
0.48409 -11.296670 -158.044190 -0.891377
-0.015816 -1.110928 -122.466628 -0.891377
0.015816 -11.296670 -158.044190 -0.891377
0.82803 -11.296670 -158.044190 -0.891377
-0.015816 -0.152260 -25.721797 -0.891377
1.00000 -11.296670 -158.044190 -0.891377
-0.015816 -0.645074 -8.151289 -0.891377
ELEM 152 ----- LENGTH = 4.004798
COMB DB-G1-1 ----- MAX
REL DIST M2 P M3 V2 V3
0.00000 4.207028 25.779139 0.114695
2.40E-05 0.097207 0.962752 0.114695
0.17197 4.207028 25.779139 0.114695
2.40E-05 0.018118 14.554608 0.114695
0.34394 4.207028 25.779139 0.114695
2.40E-05 0.084664 29.937791 0.114695
0.51591 4.207028 25.779139 0.114695
2.40E-05 0.194588 45.379919 0.114695
0.68787 4.207028 25.779139 0.114695
2.40E-05 0.304519 60.838017 0.114695
COMB DB-G1-1 ----- MIN
REL DIST M2 P M3 V2 V3
0.00000 -1.736682 -22.453801 -0.159626
-0.002304 -0.135210 -5.371932 -0.159626
0.17197 -1.736682 -22.453801 -0.159626
-0.002304 -0.025233 -22.890010 -0.159626
0.34394 -1.736682 -22.453801 -0.159626
-0.002304 -0.060774 -40.560430 -0.159626
0.17197 -1.736682 -22.453801 -0.159626
-0.002304 -0.139764 -58.264527 -0.159626
0.68787 -1.736682 -22.453801 -0.159626
-0.002304 -0.218754 -76.007288 -0.159626
COMB DB-G1-2 ----- MAX
REL DIST M2 P M3 V2 V3
0.00000 10.394480 140.444077 0.188290
0.013016 0.159129 205.790334 0.188290
0.17197 10.394480 140.444077 0.188290
0.013016 0.031375 146.05884 0.188290
0.34394 10.394480 140.444077 0.188290
0.013016 0.150220 94.664823 0.188290
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FRAME ELEMENT INTERNAL FORCES
REL DIST M2 P M3 V2 V3
0.51591 10.394480 140.444077 0.188290
0.013016 0.349781 96.056060 0.188290
0.68787 10.394480 140.444077 0.188290
0.013016 0.564944 118.785592 0.188290
COMB DB-G1-2 ----- MIN
REL DIST M2 P M3 V2 V3
0.00000 -2.708843 -35.913236 -0.316076
-0.015875 -0.306901 -0.016311 -0.316076
0.17197 -2.708843 -35.913236 -0.316076
-0.015875 -0.089278 -17.229332 -0.316076
0.34394 -2.708843 -35.913236 -0.316076
-0.015875 -0.100199 -44.093895 -0.316076
0.51591 -2.708843 -35.913236 -0.316076
-0.015875 -0.229935 -92.317789 -0.316076
0.68787 -2.708843 -35.913236 -0.316076
-0.015875 -0.359574 -184.467966 -0.316076
COMB DB-G1-3 ----- MAX
REL DIST M2 P M3 V2 V3
0.00000 -2.708843 -35.913236 -0.316076
-0.002680 -0.205191 -8.156414 -0.316076
0.17197 -2.795181 -32.692925 -0.248095
0.00000 10.250106 150.785732 0.738678
REL DIST M2 P M3 V2 V3
0.00000 -6.436036 -61.208970 -0.914541
-0.013734 -0.813766 -0.000000 -0.914541
0.17197 -6.436036 -61.208970 -0.914541
-0.013734 -0.185962 -18.181955 -0.914541
0.34394 -6.436036 -61.208970 -0.914541
-0.013734 -0.393007 -55.363993 -0.914541
0.51591 -6.436036 -61.208970 -0.914541
-0.013734 -0.902287 -119.823759 -0.914541
0.68787 -6.436036 -61.208970 -0.914541
-0.013734 -1.411246 -220.864350 -0.914541
COMB DB-G2-3 ----- MIN
REL DIST M2 P M3 V2 V3
0.00000 -6.436036 -61.208970 -0.914541
-0.013734 -0.813766 -0.000000 -0.914541
0.17197

0.68787	-6.742755	-73.757370	-0.914541
-0.015875	-1.411246	-220.864350	
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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	153	=====	LENGTH = 4.005242
COMB DB-G1-1 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	1.422722	7.086753	0.122036
0.000711	0.239612	14.417012	
0.48407	1.422722	7.086753	0.122036
0.000711	0.155543	6.915213	
0.65605	1.422722	7.086753	0.122036
0.000711	0.071436	4.995837	
0.82802	1.422722	7.086753	0.122036
0.000711	0.024421	1.539498	
1.00000	1.422722	7.086753	0.122036
0.000711	0.135137	0.924837	
COMB DB-G1-1 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	-3.501751	-26.277012	-0.160598
-0.002138	-0.307336	-73.687867	
0.48407	-3.501751	-26.277012	-0.160598
-0.002138	-0.196714	-55.600530	
0.65605	-3.501751	-26.277012	-0.160598
-0.002138	-0.068087	-37.635576	
0.82802	-3.501751	-26.277012	-0.160598
-0.002138	-0.017122	-19.958663	
1.00000	-3.501751	-26.277012	-0.160598
-0.002138	-0.098327	-5.389635	
COMB DB-G1-2 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	2.595222	27.362843	0.220478
0.014040	0.426170	101.274773	
0.48407	2.595222	27.362843	0.220478
0.014040	0.276289	84.719882	
0.65605	2.595222	27.362843	0.220478
0.014040	0.124624	87.368557	
0.82802	2.595222	27.362843	0.220478
0.014040	0.052488	144.773390	
1.00000	2.595222	27.362843	0.220478
0.014040	0.247285	202.227006	
COMB DB-G1-2 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	-9.318348	-131.319365	-0.293741
-0.015249	-0.565489	-169.859522	
0.48407	-9.318348	-131.319365	-0.293741
-0.015249	-0.363237	-83.081869	
0.65605	-9.318348	-131.319365	-0.293741
-0.015249	-0.160996	-39.802845	
0.82802	-9.318348	-131.319365	-0.293741
-0.015249	-0.065215	-19.196916	
1.00000	-9.318348	-131.319365	-0.293741
-0.015249	-0.188742	-0.001812	
COMB DB-G1-3 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	4.465298	34.342690	0.378838
0.015884	0.729923	142.908269	
0.48407	4.465298	34.342690	0.378838
0.015884	0.468963	117.631775	
0.65605	4.465298	34.342690	0.378838
0.015884	0.207847	112.110778	
0.82802	4.465298	34.342690	0.378838
0.015884	0.081432	163.430864	
1.00000	4.465298	34.342690	0.378838
0.015884	0.413234	228.723050	
COMB DB-G1-3 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	-10.717328	-149.351683	-0.492960
-0.015844	-0.948529	-191.766615	
0.48407	-10.717328	-149.351683	-0.492960
-0.015844	-0.609050	-92.661009	
0.65605	-10.717328	-149.351683	-0.492960
-0.015844	-0.269566	-38.767651	
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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	M2	P	V2 V3
T	M2	M3	
0.82802	-10.717328	-149.351683	-0.492960
-0.015844	-0.091004	-17.532109	
1.00000	-10.717328	-149.351683	-0.492960
-0.015844	-0.323524	-0.008876	
COMB DB-G2-1 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	3.636824	26.084978	0.261081
0.002251	0.499028	71.878242	
0.48407	3.636824	26.084978	0.261081
0.002251	0.319193	53.912358	
0.65605	3.636824	26.084978	0.261081
0.002251	0.139341	35.975376	
0.82802	3.636824	26.084978	0.261081
0.002251	0.007867	18.104451	
1.00000	3.636824	26.084978	0.261081
0.002251	0.268681	0.950636	
COMB DB-G2-1 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	-1.450690	-7.055774	-0.320439
-0.000794	-0.614213	-24.759216	
0.48407	-1.450690	-7.055774	-0.320439
-0.000794	-0.393494	-19.910232	
0.65605	-1.450690	-7.055774	-0.320439
-0.000794	-0.172686	-15.099595	
0.82802	-1.450690	-7.055774	-0.320439
-0.000794	-0.040370	-10.325407	
1.00000	-1.450690	-7.055774	-0.320439
-0.000794	-0.220318	-5.737255	
COMB DB-G2-2 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	6.031322	48.948335	0.717471
0.014576	1.369242	199.329575	
0.48407	6.031322	48.948335	0.717471
0.014576	0.876879	169.065237	
0.65605	6.031322	48.948335	0.717471
0.014576	0.384838	158.733884	
0.82802	6.031322	48.948335	0.717471
0.014576	0.123162	196.196218	
1.00000	6.031322	48.948335	0.717471
0.014576	0.663678	243.840431	
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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			

0.31209	4.740508	40.647995	0.384220
0.016007	0.733932	132.088202	
0.48407	4.740508	40.647995	0.384220
0.016007	0.469277	106.386498	
0.65605	4.740508	40.647995	0.384220
0.016007	0.204520	99.904664	
0.82802	4.740508	40.647995	0.384220
0.016007	0.082923	148.237415	
1.00000	4.740508	40.647995	0.384220
0.016007	0.421974	201.825388	
COMB DB-G2-2 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	-7.359225	-117.587186	-0.503176
-0.013795	-0.967843	-125.065049	
0.48407	-7.359225	-117.587186	-0.503176
-0.013795	-0.621331	-47.725474	
0.65605	-7.359225	-117.587186	-0.503176
-0.013795	-0.274761	-13.865908	
0.82802	-7.359225	-117.587186	-0.503176
-0.013795	-0.093671	-2.911514	
1.00000	-7.359225	-117.587186	-0.503176
-0.013795	-0.334174	-0.017574	
COMB DB-G2-3 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	5.899855	57.015836	0.442242
0.016338	0.847980	201.138737	
0.48407	5.899855	57.015836	0.442242
0.016338	0.543359	164.210952	
0.65605	5.899855	57.015836	0.442242
0.016338	0.238558	146.912798	
0.82802	5.899855	57.015836	0.442242
0.016338	0.090333	185.632916	
1.00000	5.899855	57.015836	0.442242
0.016338	0.467889	228.542892	
COMB DB-G2-3 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	-9.346059	-132.725742	-0.559889
-0.015120	-1.078381	-158.769858	
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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	M2	P	V2 V3
T	M2	M3	
0.48407	-9.346059	-132.725742	-0.559889
-0.015120	-0.692813	-71.183188	
0.65605	-9.346059	-132.725742	-0.559889
-0.015120	-0.307277	-28.159115	
0.82802	-9.346059	-132.725742	-0.559889
-0.015120	-0.101032	-8.820240	
1.00000	-9.346059	-132.725742	-0.559889
-0.015120	-0.380144	-0.019157	
COMB DL-G1-1 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	1.224257	7.143489	0.232623
0.000746	0.452808	16.473712	
0.48407	1.224257	7.143489	0.232623
0.000746	0.293119	11.635258	
0.65605	1.224257	7.143489	0.232623
0.000746	0.133423	6.883471	
0.82802	1.224257	7.143489	0.232623
0.000746	0.041998	2.448826	
0.000746	0.221861	1.312837	
COMB DL-G1-1 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	-6.188994	-45.698325	-0.261693
-0.002510	-0.498604	-130.350872	
0.48407	-6.188994	-45.698325	-0.261693
-0.002510	-0.318148	-98.933691	
0.65605	-6.188994	-45.698325	-0.261693
-0.002510	-0.137715	-67.622527	
0.82802	-6.188994	-45.698325	-0.261693
-0.002510	-0.027251	-36.750791	
1.00000	-6.188994	-45.698325	-0.261693
-0.002510	-0.188065	-8.482375	
COMB DL-G1-2 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	2.586707	26.133652	0.423296
0.012808	0.811757	119.586751	
0.48407	2.586707	26.133652	0.423296
0.012808	0.522008	104.440798	
0.65605	2.586707	26.133652	0.423296
0.012808	0.232536	108.384203	
0.82802	2.586707	26.133652	0.423296
0.012808	0.060505	156.822566	
1.00000	2.586707	26.133652	0.423296
0.012808	0.402748	209.081005	
COMB DL-G1-2 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	-11.737167	-140.131361	-0.477384
-0.014528	-0.916863	-220.017752	
0.48407	-11.737167	-140.131361	-0.477384
-0.014528	-0.589846	-125.814923	
0.65605	-11.737167	-140.131361	-0.477384
-0.014528	-0.262824	-66.196218	
0.82802	-11.737167	-140.131361	-0.477384
-0.014528	-0.094933	-30.931658	
1.00000	-11.737167	-140.131361	-0.477384
-0.014528	-0.380534	-0.001450	
COMB DL-G1-3 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31209	6.031322	48.948335	0.717471
0.014576	1.369242	199.329575	
0.48407	6.031322	48.948335	0.717471
0.014576	0.876879	169.065237	
0.65605	6.031322	48.948335	0.717471
0.014576	0.384838	158.733884	
0.82802	6.031322	48.948335	0.717471
0.014576	0.123162	196.129117	
1.00000	6.031322	48.948335	0.717471
0.014576	0.663678	243.840431	
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[illegible]

0.68787	11.457034	167.752091	0.493646
0.019914	0.974337	191.721144	
COMB DB-G2-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-4.543771	-39.811792	-0.509070
-0.019813	-0.451906	-0.122353	
0.17197	-25.950217	-39.811792	-0.509070
-0.019813	-0.110492	-25.950217	-0.509070
0.34393	-4.543771	-39.811792	-0.509070
-0.019813	-0.265901	-57.809893	
0.51590	-4.543771	-39.811792	-0.509070
-0.019813	-0.605938	-89.807491	-0.509070
0.68787	-4.543771	-39.811792	-0.509070
-0.019813	-0.945895	-175.879671	
COMB DL-G1-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.276005	5.214074	0.297535
0.002247	0.248198	2.582801	
0.17197	0.276005	5.214074	0.297535
0.002247	0.043196	58.518074	
0.34393	0.276005	5.214074	0.297535
0.002247	0.130753	125.754109	
0.51590	0.276005	5.214074	0.297535
0.002247	0.300486	193.845718	
0.68787	0.276005	5.214074	0.297535
0.002247	0.470317	262.261138	
COMB DL-G1-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-11.576529	-99.424184	-0.246424
-0.002162	-0.207195	-16.191455	
0.17197	-11.576529	-99.424184	-0.246424
-0.002162	-0.038628	-6.251877	
0.34393	-11.576529	-99.424184	-0.246424
-0.002162	-0.161185	-7.034938	
0.51590	-11.576529	-99.424184	-0.246424
-0.002162	-0.366195	-10.221011	
0.68787	-11.576529	-99.424184	-0.246424
-0.002162	-0.571116	-13.751333	
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F O R C E S E L E M E N T I N T E R N A L			
COMB DL-G1-2 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.928441	98.402096	0.540168
0.017667	4.928441	98.402096	0.540168
0.17197	4.928441	98.402096	0.540168
0.017667	0.089382	309.840261	
0.34393	4.928441	98.402096	0.540168
0.017667	0.223379	325.373299	
0.51590	4.928441	98.402096	0.540168
0.017667	0.522033	374.717891	
0.68787	4.928441	98.402096	0.540168
0.017667	0.822576	448.907283	
COMB DL-G1-2 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-14.322870	-120.856438	-0.436283
-0.017416	-0.043285	-0.094085	
0.17197	-14.322870	-120.856438	-0.436283
-0.017416	-0.105118	-3.584225	
0.34393	-14.322870	-120.856438	-0.436283
-0.017416	-0.293532	-7.363484	
0.51590	-14.322870	-120.856438	-0.436283
-0.017416	-0.663277	-11.184096	
0.68787	-14.322870	-120.856438	-0.436283
-0.017416	-1.035486	-67.771481	
COMB DL-G1-3 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	11.521462	147.676908	0.846998
0.018569	0.711603	368.792897	
0.17197	11.521462	147.676908	0.846998
0.018569	0.137654	362.587737	
0.34393	11.521462	147.676908	0.846998
0.018569	0.382415	378.429109	
0.51590	11.521462	147.676908	0.846998
0.018569	0.986674	430.411033	
0.68787	11.521462	147.676908	0.846998
0.018569	1.392671	508.857468	
COMB DL-G1-3 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-13.648119	-127.998204	-0.734394
-0.018387	-0.653900	-0.117576	
0.17197	-13.648119	-127.998204	-0.734394
-0.018387	-0.150290	-11.541991	
0.34393	-13.648119	-127.998204	-0.734394
-0.018387	-0.456566	-44.210474	
0.51590	-13.648119	-127.998204	-0.734394
-0.018387	-1.037652	-80.270161	
0.68787	-13.648119	-127.998204	-0.734394
-0.018387	-1.621159	-170.002899	
COMB DL-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	12.053009	98.596374	0.500887
0.002414	0.427596	2.560327	
0.17197	12.053009	98.596374	0.500887
0.002414	0.083016	5.115329	
0.34393	12.053009	98.596374	0.500887
0.002414	0.264897	8.197401	
0.51590	12.053009	98.596374	0.500887
0.002414	0.600929	11.865433	
0.68787	12.053009	98.596374	0.500887
0.002414	0.936570	14.682678	
COMB DL-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.260579	-4.934345	-0.487232
-0.002388	-0.404813	-11.569291	
0.17197	-0.260579	-4.934345	-0.487232
-0.002388	-0.058723	-75.653712	-0.487232
0.34393	-0.260579	-4.934345	-0.487232
-0.002388	-0.262160	-143.100281	
0.51590	-0.260579	-4.934345	-0.487232
-0.002388	-0.607020	-210.615489	
0.68787	-0.260579	-4.934345	-0.487232
-0.002388	-0.952038	-279.411989	
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COMB DL-G2-2 ----- MAX				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	18.276213	197.631416	0.789743	
0.017408	0.671354	305.243098		
0.17197	18.276213	197.631416	0.789743	
0.017408	0.137672	236.023483		
0.34393	18.276213	197.631416	0.789743	
0.017408	0.369990	182.240291		
0.51590	18.276213	197.631416	0.789743	
0.017408	0.896378	162.330658		
0.68787	18.276213	197.631416	0.789743	
0.017408	1.404336	167.768128		
COMB DL-G2-2 ----- MIN				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	-1.428468	-20.269180	-0.737322	
-0.017492	-0.650717	-0.081816		
0.17197	-1.428468	-20.269180	-0.737322	
-0.017492	-0.143738	-55.601329		
0.34393	-1.428468	-20.269180	-0.737322	
-0.017492	-0.418068	-128.969266		
0.51590	-1.428468	-20.269180	-0.737322	
-0.017492	-0.959646	-203.065589		
0.68787	-1.428468	-20.269180	-0.737322	
-0.017492	-1.503708	-329.628100		
COMB DL-G2-3 ----- MAX				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	17.418389	204.923800	0.931496	
0.018740	0.786687	370.674737		
0.17197	17.418389	204.923800	0.931496	
0.018740	0.155448	321.383143		
0.34393	17.418389	204.923800	0.931496	
0.018740	0.436169	296.690125		
0.51590	17.418389	204.923800	0.931496	
0.018740	1.005958	306.847370		
0.68787	17.418389	204.923800	0.931496	
0.018740	1.577242	344.696604		
COMB DL-G2-3 ----- MIN				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	-7.870860	-70.415505	-0.829254	
-0.018682	-0.730757	-0.112912		
0.17197	-7.870860	-70.415505	-0.829254	
-0.018682	-0.160991	-75.653712		
0.34393	-7.870860	-70.415505	-0.829254	
-0.018682	-0.497771	-119.751633		
0.51590	-7.870860	-70.415505	-0.829254	
-0.018682	-1.136969	-188.406286		
0.68787	-7.870860	-70.415505	-0.829254	
-0.018682	-1.778666	-317.996388		
COMB DB ----- MAX				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	11.753755	167.752091	0.493646	
0.019914	0.414001	312.676747		
0.17197	11.753755	167.752091	0.493646	
0.019914	0.083126	275.370969		
0.34393	11.753755	167.752091	0.493646	
0.019914	0.273165	248.258887		
0.51590	11.753755	167.752091	0.493646	
0.019914	0.623753	264.106546		
0.68787	11.753755	167.752091	0.493646	
0.019914	0.974337	311.028921		
COMB DB ----- MIN				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	-7.680148	-74.969097	-0.509070	
-0.019813	-0.451906	-10.365938		
0.17197	-7.680148	-74.969097	-0.509070	
-0.019813	-0.110492	-31.870439		
0.34393	-7.680148	-74.969097	-0.509070	
-0.019813	-0.265901	-61.284024		
0.51590	-7.680148	-74.969097	-0.509070	
-0.019813	-0.605938	-95.239565		
0.68787	-7.680148	-74.969097	-0.509070	
-0.019813	-0.945895	-178.004184		
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F R A M E E L E M E N T I N T E R N A L				
COMB DL ----- MAX				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	18.276213	204.923800	0.931496	
0.018740	0.786687	370.674737		
0.17197	18.276213	204.923800	0.931496	
0.018740	0.155448	362.587737		
0.34393	18.276213	204.923800	0.931496	
0.018740	0.436169	378.429109		
0.51590	18.276213	204.923800	0.931496	
0.018740	1.005958	430.411033		
0.68787	18.276213	204.923800	0.931496	
0.018740	1.577242	508.857468		
COMB DL ----- MIN				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	-14.322870	-127.998204	-0.829254	
-0.018682	-0.730757	-16.191455		
0.17197	-14.322870	-127.998204	-0.829254	
-0.018682	-0.160991	-75.653712		
0.34393	-14.322870	-127.998204	-0.829254	
-0.018682	-0.497771	-143.100281		
0.51590	-14.322870	-127.998204	-0.829254	
-0.018682	-1.136969	-210.615489		
0.68787	-14.322870	-127.998204	-0.829254	
-0.018682	-1.778666	-329.628100		
COMB CAR ----- MAX				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	18.276213	204.923800	0.931496	</

0.01751

0.328645

209.644272

0.015466

-0.193526

-10.783558

COMB DB-G1-2

MIN

-0.015578

-0.093983

-18.385476

COMB DL-G1-2

MIN

1.00000

-0.379536

-128.765395

-0.743973

REL_DIST

P

M2

M3

V2

V3

0.31209

-12.768667

-142.307737

-0.389880

-0.012898

-0.745606

-224.750421

0.48407

-12.768667

-142.307737

-0.389880

-0.012898

-0.746821

-129.116758

0.65605

-12.768667

-142.307737

-0.389880

-0.012898

-0.208388

-68.457948

0.015092

-12.768667

-142.307737

-0.389880

-0.012898

-0.133031

-31.772291

1.00000

-12.768667

-142.307737

-0.389880

-0.012898

-0.558812

-0.006118

COMB DL-G1-3

MAX

REL_DIST

P

M2

M3

V2

V3

0.31209

4.939121

50.954044

0.921056

0.015092

1.733779

204.244880

0.48407

4.939121

50.954044

0.921056

0.015092

1.307951

172.659347

0.65605

0.808124

50.954044

0.921056

0.015092

0.479510

161.737946

0.82802

4.939121

50.954044

0.921056

0.015092

0.105752

197.595984

0.00000

4.939121

50.954044

0.921056

0.015092

0.561678

244.597320

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COMB DL-G1-3

MIN

REL_DIST

P

M2

M3

V2

V3

0.31209

-13.382060

-154.530018

-0.658563

-0.014749

-1.262059

-238.165452

0.48407

-13.382060

-154.530018

-0.658563

-0.014749

-0.808124

-134.616759

0.65605

-13.382060

-154.530018

-0.658563

-0.014749

-0.354196

-66.683660

0.82802

-13.382060

-154.530018

-0.658563

-0.014749

-0.180413

-29.493088

1.00000

-13.382060

-154.530018

-0.658563

-0.014749

-0.814765

-0.015326

COMB DL-G2-1

MAX

REL_DIST

P

M2

M3

V2

V3

0.31209

7.151126

46.657631

0.503316

0.000906

0.965342

126.917562

0.48407

7.151126

46.657631

0.503316

0.000906

0.618667

94.815669

0.65605

7.151126

46.657631

0.503316

0.000906

0.271811

62.764593

0.82802

7.151126

46.657631

0.503316

0.000906

0.066678

30.815056

1.00000

7.151126

46.657631

0.503316

0.000906

0.377172

1.273666

COMB DL-G2-1

MIN

REL_DIST

P

M2

M3

V2

V3

0.31209

-1.307951

-8.337447

-0.450139

-0.002910

-0.862029

-20.4673471

0.48407

-1.307951

-8.337447

-0.450139

-0.002910

-0.551785

-26.801574

0.65605

-1.307951

-8.337447

-0.450139

-0.002910

-0.241289

-15.184720

0.82802

-1.307951

-8.337447

-0.450139

-0.002910

-0.075486

-9.699916

1.00000

-1.307951

-8.337447

-0.450139

-0.002910

-0.421471

-6.465183

COMB DL-G2-2

MAX

REL_DIST

P

M2

M3

V2

V3

0.31209

8.990684

64.078977

0.811545

0.012918

1.525580

223.872309

0.48407

8.990684

64.078977

0.811545

0.012918

0.973982

182.737257

0.65605

8.990684

64.078977

0.811545

0.012918

0.422304

161.525653

0.82802

8.990684

64.078977

0.811545

0.012918

0.103141

184.055218

1.00000

8.990684

64.078977

0.811545

0.012918

0.550095

211.804782

COMB DL-G2-2

MIN

REL_DIST

P

M2

M3

V2

V3

0.31209

-6.559612

-104.591327

-0.658468

-0.015510

-6.559612

-104.591327

0.48407

-6.559612

-104.591327

-0.658468

-0.015510

-8.097552

-94.538671

0.65605

-6.559612

-104.591327

-0.658468

-0.015510

-0.355521

-14.881614

0.82802

-6.559612

-104.591327

-0.658468

-0.015510

-0.163174

-10.591327

1.00000

-6.559612

-104.591327

-0.658468

-0.015510

-0.721325

-0.017895

COMB DL-G2-3

MAX

REL_DIST

P

M2

M3

V2

V3

0.31209

9.573471

76.721927

0.986387

0.014277

1.856873

281.031418

0.48407

9.573471

76.721927

0.986387

0.014277

1.85038

231.527278

0.014277

0.512891

202.283980

0.82802

9.573471

76.721927

0.986387

0.014277

0.116620

217.892856

1.00000

9.573471

76.721927

0.986387

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COMB DL-G2-3

MIN

REL_DIST

P

M2

M3

V2

V3

0.31209

-10.739536

-128.765395

-0.743973

-0.015466

-1.427129

-172.456373

0.48407

-10.739536

-128.765395

-0.743973

-0.015466

-0.914355

-86.559676

0.015466

-10.739536

-128.765395

-0.743973

0.82802

-10.739536

-128.765395

-0.743973

1.00000

-10.739536

-128.765395

-0.743973

COMB DL-G2-3

MAX

REL_DIST

P

M2

M3

V2

V3

0.31209

10.739536

128.765395

0.743973

0.015466

1.427129

172.456373

0.48407

10.739536

128.765395

0.743973

0.015466

0.914355

86.559676

0.015466

10.739536

128.765395

0.743973

0.82802

10.739536

128.765395

0.743973

1.00000

10.739536

128.765395

0.743973

COMB DB-G1-1

MAX

REL_DIST

P

M2

M3

V2

V3

0.000000

0.148890

0.930964

0.179663

0.002254

0.17198

0.024943

7.822170

0.34395

1.518802

8.128507

0.179663

0.002254

0.090727

36.789943

0.002254

1.518802

8.128507

0.179663

0.51593

0.208293

55.818647

0.015956

1.518802

8.128507

0.179663

0.002254

0.325853

74.862736

COMB DB-G1-1

MIN

REL_DIST

P

M2

M3

V2

V3

0.000000

0.148890

0.930964

0.179663

0.002254

0.17198

0.024943

7.822170

0.34395

1.518802

8.128507

0.179663

0.002254

0.090727

36.789943

0.002254

1.518802

8.128507

0.179663

0.51593

0.208293

55.818647

0.015956

1.518802

8.128507

0.179663

0.002254

0.325853

74.862736

COMB DB-G1-2

MAX

REL_DIST

P

M2

M3

V2

V3

0.000000

0.282264

202.155086

0.342203

0.016018

0.282264

202.155086

0.342203

0.17198

7.036112

118.880391

0.342203

0.016018

0.056014

148.335710

0.342203

0.34395

7.036112

118.880391

0.342203

Program

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FORCES

COMB DB-G1-2

MIN

REL_DIST

P

M2

M3

V2

V3

0.000000

0.326415

108.026073

0.342203

0.016018

0.326415

108.026073

0.342203

0.17198

7.036112

118.880391

0.342203

0.016018

0.051199

135.181137

0.342203

COMB DB-G1-2

MAX

REL_DIST

P

M2

M3

V2

V3

0.000000

0.326415

108.026073

0.342203

0.016018

0.326415

108.026073

0.342203

0.17198

7.036112

118.880391

0.342203

0.016018

0.051199

135.181137

0.342203

COMB DB-G1-3

MIN

REL_DIST

P

M2

M3

V2

V3

0.000000

-5.039869

-42.530299

-0.268309

-0.013727

-0.017327

-0.007180

-0.268309

0.34395

-5.039869

-42.530299

-0.268309

-0.013727

-0.077240

-3.568752

-0.268309

0.34395

-5.039869

-42.530299

-0.268309

-0.013727

-0.189511

-15.505210

-0.268309

0.51593

-5.039869

-42.530299

-0.268309

-0.013727

-0.425190

-49.971337

-0.268309

0.68791

-5.039869

-42.530299

-0.268309

-0.013727

-0.660873

-128.179594

COMB DB-G1-3

MAX

REL_DIST

P

M2

M3

V2

V3

0.000000

0.954545

134.481509

0.475570

0.016418

0.954545

134.481509

0.475570

0.17198

0.954545

134.481509

0.475570

0.016418

0.076996

186.492591

0.475570

0.34395

0.954545

134.481509

0.475570

0.016418

0.227930

149.815730

0.475570

0.51593

0.954545

134.481509

0.475570

0.016418

0.521867

167.789137

0.475570

0.68791

0.954545

134.481509

0.475570

0.016418

0.815814

206.772708

COMB DB-G1-3

MIN

REL_DIST

P

M2

M3

V2

V3

0.000000

-6.409151

-59.770247

-0.426785

-0.015204

-0.161080

-0.017085

-0.426785

0.17198

-6.409151

-59.770247

-0.426785

-0.015204

-0.100810

-8.581134

-0.426785

0.34395

-6.409151

-59.770247

-0.426785

-0.015204

-0.260515

-29.175180

-0.426785

0.51593

-6.409151

-59.770247

-0.426785

-0.015204

-0.890937

-17.190707

-0.426785

0.68791

-6.409151

-59.770247

-0.426785

-0.015204

-0.915616

-161.892672

COMB DB-G2-1

MAX

REL_DIST

P

M2

M3

V2

V3

0.000000

3.735567

27.459640

0.240977

0.000790

0.203063

0.905124

0.240977

0.17198

3.735567

27.459640

0.240977

0.000790

0.037043

1.781741

0.240977

0.000790

0.345567

27.459640

0.240977

0.000790

0.149341

6.468421

0.240977

0.51593

3.735567

27.459640

0.240977

0.000790

0.337890

12.057204

0.240977

0.68791

3.735567

27.459640

0.240977

0.000790

0.526413

17.697804

COMB DB-G2-1

MIN

REL_DIST

P

M2

M3

V2

V3

0.000000

-1.486776

-2.110085

-0.273698

-0.002374

-0.227719

-5.564738

-0.273698

0.17198

-1.486776

-2.110085

-0.273698

-0.002374

-0.039327

-19.582073

-0.273698

0.34395

-1.486776

-2.110085

-0.273698

-0.002374

-0.128894

-38.062158

-0.273698

0.51593

-1.486776

-2.110085

-0.273698

-0.002374

-0.294892

-56.847721

-0.273698

0.68791

-1.486776

-2.110085

-0.273698

-0.002374

-0.460876

-75.750115

COMB DB-G2-2

MAX

REL_DIST

P

M2

M3

V2

V3

0.000000

9.195581

132.515424

0.403493

0.014133

0.337621

202.072348

0.403493

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FORCES

COMB DB-G2-2

MIN

REL_DIST

P

M2

M3

V2

V3

0.000000

0.969587

145.806952

0.403493

0.014133

0.217382

89.625523

0.403493

0.51593

0.969587

145.806952

0.403493

0.014133

0.494347

86.874422

0.403493

0.68791

0.969587

145.806952

0.403493

0.014133

0.771305

104.662897

COMB DB-G2-2

MAX

REL_DIST

P

M2

M3

V2

V3

0.000000

-2.923490

-28.969579

-0.402201

-0.015578

-0.350190

-0.018086

-0.402201

0.17198

-2.923490

-28.969579

-0.402201

0.000000

-2.923490

-28.969579

-0.402201

-0.015578

-0.496481

-83.772088

-0.402201

0.34395

-2.923490

-28.969579

-0.402201

-0.015578

-0.774380

COMB DL-G2-1 ----- MIN					0.68791	-9.534897	-77.726546	-0.726671						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
0.00000					-1.317561	-8.328260	-0.435314							
-0.002864					-0.359128	-6.470186								
0.17198					-1.317561	-8.328260	-0.435314							
-0.002864					-0.058965	-34.887627								
0.34395					-1.317561	-8.328260	-0.435314							
-0.002864					-0.273757	-66.618545								
0.51593					-1.317561	-8.328260	-0.435314							
-0.002864					-0.631602	-98.739079								
0.68791					-1.317561	-8.328260	-0.435314							
-0.002864					-0.989480	-130.940991								
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-G2-2 ----- MAX					0.00000	12.802979	141.214493	0.822574						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
0.00000					12.802979	141.214493	0.822574							
0.012928					0.695253	211.760094								
0.17198					12.802979	141.214493	0.822574							
0.012928					0.136757	58.175380								
0.34395					12.802979	141.214493	0.822574							
0.012928					0.341077	110.896799								
0.51593					12.802979	141.214493	0.822574							
0.012928					0.777583	107.351006								
0.68791					12.802979	141.214493	0.822574							
0.012928					1.215602	123.634795								
COMB DL-G2-2 ----- MIN					0.00000	-2.748584	-27.759264	-0.637272						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
0.00000					-0.564128	-0.021064								
-0.015140					-2.748584	-27.759264	-0.637272							
0.17198					-0.129319	-28.663255								
0.34395					-2.748584	-27.759264	-0.637272							
-0.015140					-0.444352	-64.734263								
0.51593					-2.748584	-27.759264	-0.637272							
-0.015140					-1.007632	-124.804388								
0.68791					-2.748584	-27.759264	-0.637272							
-0.015140					-1.573051	-219.851648								
COMB DL-G2-3 ----- MAX					0.00000	13.562226	153.459695	0.986643						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
0.00000					13.562226	153.459695	0.986643							
0.014681					0.827248	245.268430								
0.17198					13.562226	153.459695	0.986643							
0.014681					0.083403	186.492591								
0.34395					13.562226	153.459695	0.986643							
0.014681					0.384447	161.877802								
0.51593					13.562226	153.459695	0.986643							
0.014681					0.882537	173.627492								
0.68791					13.562226	153.459695	0.986643							
0.014681					1.382160	205.982745								
COMB DL-G2-3 ----- MIN					0.00000	-6.541702	-51.842001	-0.726671						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
-0.015352					-0.643397	-0.031652								
0.17198					-6.541702	-51.842001	-0.726671							
-0.015352					-0.147814	-26.766582								
0.34395					-6.541702	-51.842001	-0.726671							
-0.015352					-0.538349	-63.351390								
0.51593					-6.541702	-51.842001	-0.726671							
-0.015352					-1.214698	-130.737022								
0.68791					-6.541702	-51.842001	-0.726671							
-0.015352					-1.893106	-233.725254								
COMB DB ----- MAX					0.00000	10.455887	151.377087	0.513191						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
0.016418					0.427120	228.867207								
0.17198					10.455887	151.377087	0.513191							
0.016418					0.083403	186.492591								
0.34395					10.455887	151.377087	0.513191							
0.016418					0.249032	149.815730								
0.51593					10.455887	151.377087	0.513191							
0.016418					0.567790	167.789137								
0.68791					10.455887	151.377087	0.513191							
0.016418					0.886546	206.772708								
COMB DB ----- MIN					0.00000	-6.409151	-59.770247	-0.462884						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
-0.016088					-0.402409	-5.564738								
0.17198					-6.409151	-59.770247	-0.462884							
-0.016088					-0.104838	-19.582073								
0.34395					-6.409151	-59.770247	-0.462884							
-0.016088					-0.202321	-39.967564								
0.51593					-6.409151	-59.770247	-0.462884							
-0.016088					-0.633741	-95.014975								
0.68791					-6.409151	-59.770247	-0.462884							
-0.016088					-0.987200	-195.541625								
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-G2-2 ----- MAX					0.00000	12.802979	141.214493	0.822574						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
0.00000					12.802979	141.214493	0.822574							
0.012928					0.695253	211.760094								
0.17198					12.802979	141.214493	0.822574							
0.012928					0.136757	58.175380								
0.34395					12.802979	141.214493	0.822574							
0.012928					0.341077	110.896799								
0.51593					12.802979	141.214493	0.822574							
0.012928					0.777583	107.351006								
0.68791					12.802979	141.214493	0.822574							
0.012928					1.215602	123.634795								
COMB DL-G2-3 ----- MIN					0.00000	-2.748584	-27.759264	-0.637272						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
0.00000					-0.564128	-0.021064								
-0.015140					-2.748584	-27.759264	-0.637272							
0.17198					-0.129319	-28.663255								
0.34395					-2.748584	-27.759264	-0.637272							
-0.015140					-0.444352	-64.734263								
0.51593					-2.748584	-27.759264	-0.637272							
-0.015140					-1.007632	-124.804388								
0.68791					-2.748584	-27.759264	-0.637272							
-0.015140					-1.573051	-219.851648								
COMB DB ----- MAX					0.00000	10.455887	151.377087	0.513191						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
0.016418					0.427120	228.867207								
0.17198					10.455887	151.377087	0.513191							
0.016418					0.083403	186.492591								
0.34395					10.455887	151.377087	0.513191							
0.016418					0.249032	149.815730								
0.51593					10.455887	151.377087	0.513191							
0.016418					0.567790	167.789137								
0.68791					10.455887	151.377087	0.513191							
0.016418					0.886546	206.772708								
COMB DB ----- MIN					0.00000	-6.409151	-59.770247	-0.462884						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
-0.016088					-0.402409	-5.564738								
0.17198					-6.409151	-59.770247	-0.462884							
-0.016088					-0.104838	-19.582073								
0.34395					-6.409151	-59.770247	-0.462884							
-0.016088					-0.202321	-39.967564								
0.51593					-6.409151	-59.770247	-0.462884							
-0.016088					-0.633741	-95.014975								
0.68791					-6.409151	-59.770247	-0.462884							
-0.016088					-0.987200	-195.541625								
Program					SAP2000	Nonlinear	Version 7.42							
File:2교부산방형S1-S403.OUT														
< MOVING Page 977 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					0.00000	12.802979	141.214493	0.822574						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
0.00000					12.802979	141.214493	0.822574							
0.012928					0.695253	211.760094								
0.17198					12.802979	141.214493	0.822574							
0.012928					0.136757	58.175380								
0.34395					12.802979	141.214493	0.822574							
0.012928					0.341077	110.896799								
0.51593					12.802979	141.214493	0.822574							
0.012928					0.777583	107.351006								
0.68791					12.802979	141.214493	0.822574							
0.012928					1.215602	123.634795								
COMB DL-G2-3 ----- MIN					0.00000	-2.748584	-27.759264	-0.637272						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
0.00000					-0.564128	-0.021064								
-0.015140					-2.748584	-27.759264	-0.637272							
0.17198					-0.129319	-28.663255								
0.34395					-2.748584	-27.759264	-0.637272							
-0.015140					-0.444352	-64.734263								
0.51593					-2.748584	-27.759264	-0.637272							
-0.015140					-1.007632	-124.804388								
0.68791					-2.748584	-27.759264	-0.637272							
-0.015140					-1.573051	-219.851648								
COMB DB ----- MAX					0.00000	10.455887	151.377087	0.513191						
REL_DIST					M2	P	M3	V2	V3					
T					M2	M3								
0.016418					0.427120	228.867207								
0.17198					10.455887	151.377087	0.513191							
0.016418					0.083403	186.492591								
0.34395					10.455887	151.377087	0.513191							
0.016418					0.249032	149.815730								
0.51593					10.455887	151.377087	0.513191							
0.016418					0.567790	167.789137								
0.68791					10.455887	151.377087	0.513191							
0.016418					0.886546	206.772708								
COMB DB ----- MIN					0.00000	-6.409151	-59.770247	-0.462884						
REL_DIST					M2	P	M3	V2	V3					

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FRAME ELEMENT INTERNAL FORCES				
COMB DL-G2-3 ----- MIN				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.31213	-10.949983	-138.651986		-0.631325
-0.015532	-1.209226	-199.275195		
0.48410	-10.949983	-138.651986		-0.631325
-0.015532	-0.773887	-106.755066		
0.65607	-10.949983	-138.651986		-0.631325
-0.015532	-0.338523	-51.466620		
0.82803	-10.949983	-138.651986		-0.631325
-0.015532	-0.197888	-19.523353		
1.00000	-10.949983	-138.651986		-0.631325
-0.015532	-0.877001	-0.058349		
COMB DB ----- MAX				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.31213	6.996165	65.029008		0.530215
0.016033	0.973088	225.185801		
0.48410	6.996165	65.029008		0.530215
0.016033	0.614197	182.492046		
0.65607	6.996165	65.029008		0.530215
0.016033	0.265343	163.087313		
0.82803	6.996165	65.029008		0.530215
0.016033	0.067042	196.023101		
1.00000	6.996165	65.029008		0.530215
0.016033	0.355361	233.683493		
COMB DB ----- MIN				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.31213	-11.888361	-157.808556		-0.422903
-0.016306	-0.898321	-210.549195		
0.48410	-11.888361	-157.808556		-0.422903
-0.016306	-0.518374	-106.933303		
0.65607	-11.888361	-157.808556		-0.422903
-0.016306	-0.226976	-53.509601		
0.82803	-11.888361	-157.808556		-0.422903
-0.016306	-0.127524	-23.782266		
1.00000	-11.888361	-157.808556		-0.422903
-0.016306	-0.490414	-6.429306		
COMB DL ----- MAX				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.31213	7.103465	73.612783		0.990422
0.015314	1.852212	277.105299		
0.48410	7.103465	73.612783		0.990422
0.015314	1.176850	229.737421		
0.65607	7.103465	73.612783		0.990422
0.015314	0.506971	204.055950		
0.82803	7.103465	73.612783		0.990422
0.015314	0.100666	221.685865		
1.00000	7.103465	73.612783		0.990422
0.015314	0.527338	249.515647		
COMB DL ----- MIN				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.31213	-11.042258	-151.424234		-0.631325
-0.015947	-11.042258	-151.424234		
0.48410	-11.042258	-151.424234		-0.631325
-0.015947	-0.773887	-122.635372		
0.65607	-11.042258	-151.424234		-0.631325
-0.015947	-0.338523	-58.601144		
0.82803	-11.042258	-151.424234		-0.631325
-0.015947	-0.127524	-23.782266		
1.00000	-11.042258	-151.424234		-0.631325
-0.015947	-0.877001	-8.147484		
COMB CAR ----- MAX				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.31213	7.103465	73.612783		0.990422
0.016033	1.852212	277.105299		
0.48410	7.103465	73.612783		0.990422
0.016033	1.176850	229.737421		
0.65607	7.103465	73.612783		0.990422
0.016033	0.506971	204.055950		
0.82803	7.103465	73.612783		0.990422
0.016033	0.100666	221.685865		
1.00000	7.103465	73.612783		0.990422
0.016033	0.527338	249.515647		
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FRAME ELEMENT INTERNAL FORCES				
COMB CAR ----- MIN				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.31213	-11.888361	-157.808556		-0.631325
-0.016306	-1.209226	-223.947026		
0.48410	-11.888361	-157.808556		-0.631325
-0.016306	-0.773887	-122.635372		
0.65607	-11.888361	-157.808556		-0.631325
-0.016306	-0.338523	-58.601144		
0.82803	-11.888361	-157.808556		-0.631325
-0.016306	-0.197888	-25.626318		
1.00000	-11.888361	-157.808556		-0.631325
-0.016306	-0.877001	-8.147484		
COMB DESIGN ----- MAX				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.31213	7.103465	73.612783		0.990422
0.016033	1.852212	277.105299		
0.48410	7.103465	73.612783		0.990422
0.016033	1.176850	229.737421		
0.65607	7.103465	73.612783		0.990422
0.016033	0.506971	204.055950		
0.82803	7.103465	73.612783		0.990422
0.016033	0.100666	221.685865		
1.00000	7.103465	73.612783		0.990422
0.016033	0.527338	249.515647		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.31213	-11.888361	-157.808556		-0.631325
-0.016306	-1.209226	-223.947026		
0.48410	-11.888361	-157.808556		-0.631325
-0.016306	-0.773887	-122.635372		
0.65607	-11.888361	-157.808556		-0.631325
-0.016306	-0.338523	-58.601144		
0.82803	-11.888361	-157.808556		-0.631325
-0.016306	-0.197888	-25.626318		
1.00000	-11.888361	-157.808556		-0.631325
-0.016306	-0.877001	-8.147484		

-0.016306	-0.877001	-8.147484
ELEM	160	LENGTH =
4.004784		
COMB DB-G1-1 ----- MAX		
REL_DIST	M2	P
T	M2	P
0.00000	4.660273	25.511217
0.002510	0.148686	0.974365
0.17197	4.660273	25.511217
0.002510	0.025064	14.466122
0.34394	4.660273	25.511217
0.002510	0.094332	29.544843
0.17197	4.660273	25.511217
0.002510	0.216523	44.693030
0.68678	4.660273	25.511217
0.002510	0.338703	59.857968
COMB DB-G1-1 ----- MIN		
REL_DIST	M2	P
T	M2	P
0.00000	-1.883749	-22.021947
-2.57E-05	-0.150013	-5.717712
0.17197	-1.883749	-22.021947
-2.57E-05	-0.027795	-23.077490
0.34394	-1.883749	-22.021947
-2.57E-05	-0.098357	-40.552211
0.51590	-1.883749	-22.021947
-2.57E-05	-0.221886	-58.065145
0.68678	-1.883749	-22.021947
-2.57E-05	-0.345402	-75.624340
COMB DB-G1-2 ----- MAX		
REL_DIST	M2	P
T	M2	P
0.00000	10.907415	140.075712
0.016081	0.293638	205.847804
0.17197	10.907415	140.075712
0.016081	0.057426	146.559141
0.34394	10.907415	140.075712
0.016081	0.103959	94.953694
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FRAME ELEMENT INTERNAL FORCES		
COMB DB-G1-2 ----- MIN		
REL_DIST	M2	P
T	M2	P
0.51590	10.907415	140.075712
0.016081	0.308378	94.987176
0.68678	10.907415	140.075712
0.016081	0.482781	117.410219
COMB DB-G1-2 ----- MAX		
REL_DIST	M2	P
T	M2	P
0.00000	-2.854377	-35.444535
-0.013018	-0.222714	-0.049885
0.17197	-2.854377	-35.444535
-0.013018	-0.074099	-17.514333
0.34394	-2.854377	-35.444535
-0.013018	-0.193947	-44.269220
0.51590	-2.854377	-35.444535
-0.013018	-0.432230	-91.656121
0.68678	-2.854377	-35.444535
-0.013018	-0.670497	-183.394534
COMB DB-G1-3 ----- MAX		
REL_DIST	M2	P
T	M2	P
0.00000	11.494393	150.462742
0.016038	0.405625	233.346742
0.17197	11.494393	150.462742
0.016038	0.077057	194.313521
0.34394	11.494393	150.462742
0.016038	0.160338	161.563510
0.51590	11.494393	150.462742
0.016038	0.475292	181.580980
0.68678	11.494393	150.462742
0.016038	0.743325	224.473029
COMB DB-G1-3 ----- MIN		
REL_DIST	M2	P
T	M2	P
0.00000	-6.458200	-65.229389
-0.014766	-0.336582	-0.048047
0.17197	-6.458200	-65.229389
-0.014766	-0.094871	-19.961190
0.34394	-6.458200	-65.229389
-0.014766	-0.269734	-51.770010
0.51590	-6.458200	-65.229389
-0.014766	-0.601443	-105.040524
0.68678	-6.458200	-65.229389
-0.014766	-0.933246	-203.721443
COMB DB-G2-1 ----- MAX		
REL_DIST	M2	P
T	M2	P
0.00000	1.947939	22.113389
3.68E-05	0.192670	1.091493
0.17197	1.947939	22.113389
3.68E-05	0.035241	11.975981
0.34394	1.947939	22.113389
3.68E-05	0.133810	29.762201
0.51590	1.947939	22.113389
3.68E-05	0.303946	47.626721
0.68678	1.947939	22.113389
3.68E-05	0.474023	65.513637
COMB DB-G2-1 ----- MIN		
REL_DIST	M2	P
T	M2	P
0.00000	-4.744731	-25.988489
-0.002667	-0.224390	-6.413602
0.17197	-4.744731	-25.988489
-0.002667	-0.036250	-15.322125
0.34394	-4.744731	-25.988489
-0.002667	-0.122078	-30.135184
0.51590	-4.744731	-25.988489
-0.002667	-0.279446	-45.300759
0.68678	-4.744731	-25.988489
-0.002667	-0.436814	-60.523621
COMB DB-G2-2 ----- MAX		
REL_DIST	M2	P
T	M2	P
0.00000	7.184187	126.311993
0.013052	0.335862	205.026195
0.17197	7.184187	126.311993
0.013052	0.071999	58.040061
0.34394	7.184187	126.311993
0.013052	0.292629	203.204548
0.51590	7.184187	126.311993
0.013052	0.676699	229.416185
0.68678	7.184187	126.311993
0.013052	1.060252	277.250293
COMB DB-G1-3 ----- MIN		
REL_DIST	M2	P
T	M2	P
0.00000	-7.221165	-74.079657
-0.013757	-0.504285	-0.053666
0.17197	-7.221165	-74.079657
-0.013757	-0.127655	-17.937003
0.34394	-7.221165	-74.079657

F O R C E S				
REL DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.17197	7.184187	126.311993		0.391331
0.03052	0.068516	163.421518		
0.34394	7.184187	126.311993		0.391331
0.03052	0.184399	121.844305		
0.51590	7.184187	126.311993		0.391331
0.03052	0.420726	131.962420		
0.68787	7.184187	126.311993		0.391331
0.03052	0.656912	164.442286		
COMB DB-G2-2 ----- MIN				
REL DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	-6.763787	-50.045728		-0.342969
-0.016057	-0.295868	-0.029710		
0.17197	-6.763787	-50.045728		-0.342969
-0.016057	-0.085367	-14.398441		
0.34394	-6.763787	-50.045728		-0.342969
0.03052	-0.214071	-31.593820		
0.51590	-6.763787	-50.045728		-0.342969
-0.016057	-0.483544	-69.498066		
0.68787	-6.763787	-50.045728		-0.342969
-0.016057	-0.752991	-151.757713		
COMB DB-G2-3 ----- MAX				
REL DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	10.702100	157.518237		0.503284
0.015090	0.426817	233.012408		
0.17197	10.702100	157.518237		0.503284
0.015090	0.082527	176.941401		
0.34394	10.702100	157.518237		0.503284
0.015090	0.221868	138.668223		
0.51590	10.702100	157.518237		0.503284
0.015090	0.507300	153.788255		
0.68787	10.702100	157.518237		0.503284
0.015090	0.792554	191.812312		
COMB DB-G2-3 ----- MIN				
REL DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	-7.296017	-58.371031		-0.414214
-0.016157	-0.356649	-0.040052		
0.17197	-7.296017	-58.371031		-0.414214
-0.016157	-0.097632	-13.474104		
0.34394	-7.296017	-58.371031		-0.414214
-0.016157	-0.217590	-46.847600		
0.51590	-7.296017	-58.371031		-0.414214
-0.016157	-0.624151	-105.007975		
0.68787	-7.296017	-58.371031		-0.414214
-0.016157	-0.970698	-208.582150		
COMB DL-G1-1 ----- MAX				
REL DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	3.826443	23.201112		0.345310
0.003103	0.267010	13.708118		
0.17197	3.826443	23.201112		0.345310
0.003103	0.049069	20.483911		
0.34394	3.826443	23.201112		0.345310
0.003103	0.121956	42.748508		
0.51590	3.826443	23.201112		0.345310
0.003103	0.281927	65.111802		
0.68787	3.826443	23.201112		0.345310
0.003103	0.441980	87.505332		
COMB DL-G1-1 ----- MIN				
REL DIST	M2	P	M3	V2
T	M2	P	M3	V2
-2.72E-05	-0.159792	-32.573930		-0.232354
-0.00000	-0.198235	-8.140343		
0.17197	-0.159792	-32.573930		-0.232354
-2.72E-05	-0.038551	-21.264222		
0.34394	-0.159792	-32.573930		-0.232354
-2.72E-05	-0.188554	-37.146395		
0.51590	-0.159792	-32.573930		-0.232354
-2.72E-05	-0.426622	-53.122895		
0.68787	-0.159792	-32.573930		-0.232354
-2.72E-05	-0.664319	-69.138789		
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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	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	0.928703	123.515911		0.600048
0.015508	0.502571	213.706937		
0.17197	0.928703	123.515911		0.600048
0.015508	0.092283	172.262817		
0.34394	0.928703	123.515911		0.600048
0.015508	0.175251	139.250805		
0.51590	0.928703	123.515911		0.600048
0.015508	0.409558	148.307170		
0.68787	0.928703	123.515911		0.600048
0.015508	0.643327	178.591830		
COMB DL-G1-2 ----- MIN				
REL DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	-4.445587	-48.073700		-0.341008
0.011946	-0.324313	-0.056278		
-0.011946	-0.096380	-15.026796		-0.341008
0.34394	-4.445587	-48.073700		-0.341008
-0.011946	-0.338674	-38.905068		
0.51590	-4.445587	-48.073700		-0.341008
0.011946	-0.750846	-84.818790		
0.68787	-4.445587	-48.073700		-0.341008
-0.011946	-1.163110	-167.475611		
COMB DL-G1-3 ----- MAX				
REL DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	10.696881	138.013802		0.905276
0.015132	0.754145	249.331333		
0.17197	10.696881	138.013802		0.905276
0.015132	0.134546	220.480461		
0.34394	10.696881	138.013802		0.905276
0.015132	0.292529	203.204508		
0.51590	10.696881	138.013802		0.905276
0.015132	0.676699	229.416185		
0.68787	10.696881	138.013802		0.905276
0.015132	1.060256	277.250293		
COMB DL-G1-3 ----- MIN				
REL DIST	M2	P	M3	V2
T	M2	P	M3	V2
0.00000	-7.221165	-74.079657		-0.558212
0.013757	-0.053875	-0.053875		
0.17197	-7.221165	-74.079657		-0.558212
-0.013757	-0.127655	-17.937003		
0.34394	-7.221165	-74.079657		-0.558212

0.15508 0.148354 220.484061 0.969776 0.00000 -7.221165 -74.079657 -0.615443 -0.015578 -0.548521 -8.140343 -0.17197 -7.221165 -74.079657 -0.615443 -0.015578 -0.132321 -23.900091 -0.34394 -7.221165 -74.079657 -0.615443 -0.015578 -0.537854 -56.148374 -0.51590 -7.221165 -74.079657 -0.615443 -0.015578 -1.204841 -120.009466 -0.68787 -7.221165 -74.079657 -0.615443 -0.015578 -1.871701 -221.087220 COMB DL ----- MIN REL DIST M2 P M3 V2 V3 0.31208 8.225696 65.801159 0.457627 0.015699 0.82802 214.126824 0.48406 8.225696 65.801159 0.457627 0.015699 0.15967 170.957870 0.65604 8.225696 65.801159 0.457627 0.015699 0.220179 151.225934 0.82802 8.225696 65.801159 0.457627 0.015699 0.060835 184.125119 1.00000 8.225696 65.801159 0.457627 0.015699 0.301626 236.493506 COMB DB-G1-3 ----- MAX REL DIST M2 P M3 V2 V3 0.31208 8.225696 65.801159 0.457627 -0.015145 -0.884614 -203.923387 0.48406 -10.675338 -155.848148 -0.357972 -0.015145 -0.437998 -102.400137 0.65604 -10.675338 -155.848148 -0.357972 -0.015145 -0.191336 -46.259593 Program SAP2000 Nonlinear Version 7.42 File:2교부산방항S1-S403.OUT COMB CAR ----- MAX REL DIST M2 P M3 V2 V3 0.31208 8.225696 65.801159 0.969776 0.016081 0.812618 249.481305 0.969776 0.17197 11.494393 157.518237 0.969776 0.016081 0.148354 220.484061 0.969776 0.34394 11.494393 157.518237 0.969776 0.016081 0.326441 203.204548 0.969776 0.51590 11.494393 157.518237 0.969776 0.016081 0.749789 229.416185 0.969776 0.68787 11.494393 157.518237 0.969776 0.016081 1.172974 277.250293 COMB CAR ----- MIN REL DIST M2 P M3 V2 V3 0.00000 -7.296017 -74.079657 -0.615443 -0.016157 -0.548521 -8.140343 -0.17197 -7.296017 -74.079657 -0.615443 -0.016157 -0.132321 -23.900091 -0.34394 -7.296017 -74.079657 -0.615443 -0.016157 -0.537854 -56.148374 -0.51590 -7.296017 -74.079657 -0.615443 -0.016157 -1.204841 -120.009466 -0.68787 -7.296017 -74.079657 -0.615443 -0.016157 -1.871701 -221.087220 COMB DESIGN ----- MAX REL DIST M2 P M3 V2 V3 0.00000 11.494393 157.518237 0.969776 0.016081 0.812618 249.481305 0.969776 0.17197 11.494393 157.518237 0.969776 0.016081 0.148354 220.484061 0.969776 0.34394 11.494393 157.518237 0.969776 0.016081 0.326441 203.204548 0.969776 0.51590 11.494393 157.518237 0.969776 0.016081 0.749789 229.416185 0.969776 0.68787 11.494393 157.518237 0.969776 0.016081 1.172974 277.250293 COMB DESIGN ----- MIN REL DIST M2 P M3 V2 V3 0.00000 -7.296017 -74.079657 -0.615443 -0.016157 -0.548521 -8.140343 -0.17197 -7.296017 -74.079657 -0.615443 -0.016157 -0.132321 -23.900091 -0.34394 -7.296017 -74.079657 -0.615443 -0.016157 -0.537854 -56.148374 -0.51590 -7.296017 -74.079657 -0.615443 -0.016157 -1.204841 -120.009466 -0.68787 -7.296017 -74.079657 -0.615443 -0.016157 -1.871701 -221.087220 Program SAP2000 Nonlinear Version 7.42 File:2교부산방항S1-S403.OUT < MOVING 989 LOAD > FRAME ELEMENT INTERNAL FORCES ELEM 161 ===== LENGTH = 4.005323 COMB DB-G1-1 ----- MAX REL DIST M2 P M3 V2 V3 0.31208 6.359984 37.387461 0.171448 0.002316 0.328058 97.527943 0.48406 6.359984 37.387461 0.171448 0.002316 0.210410 71.782046 0.65604 6.359984 37.387461 0.171448 0.002316 0.092318 46.060852 0.82802 6.359984 37.387461 0.171448 0.002316 0.028594 20.430626 1.00000 6.359984 37.387461 0.171448 0.002316 0.155463 0.978559 COMB DB-G1-1 ----- MIN REL DIST M2 P M3 V2 V3 0.31208 -7.54092 -14.019962 -0.184500 -3.75E-05 -0.352894 -39.009500 0.48406 -7.54092 -14.019962 -0.184500 -3.75E-05 -0.225805 -29.357020 -0.65604 -7.54092 -14.019962 -0.184500 -3.75E-05 -0.098711 -19.737932 0.82802 -7.54092 -14.019962 -0.184500 -3.75E-05 -0.029237 -10.419404 1.00000 -7.54092 -14.019962 -0.184500 -3.75E-05 -0.143902 -5.670402 COMB DB-G1-2 ----- MAX REL DIST M2 P M3 V2 V3 0.31208 8.587161 63.836598 0.341934 0.015699 0.609277 205.324811 0.48406 8.587161 63.836598 0.341934 0.015589 0.375109 163.339563 0.65604 8.587161 63.836598 0.341934 0.015589 0.158451 144.181290 0.82802 8.587161 63.836598 0.341934 0.015589 0.042584 176.230633 1.00000 8.587161 63.836598 0.341934 0.015589 0.202228 208.535991 COMB DB-G1-2 ----- MIN REL DIST M2 P M3 V2 V3 0.31208 -5.896179 -116.765285 -0.240112 -0.013085 -0.459290 -125.419972 -0.48406 -5.896179 -116.765285 -0.240112 -0.013085 -0.293660 -50.698085 -0.013085 -0.025891 -116.765285 -0.240112 -0.013085 -0.128424 -20.402798 -0.82802 -5.896179 -116.765285 -0.240112 -0.013085 -0.459290 -125.419972 -0.48406 -5.896179 -116.765285 -0.240112 -0.013085 -0.293660 -50.698085 -0.013085 -0.025891 -116.765285 -0.240112 -0.013085 -0.128424 -20.402798 -0.82802 -5.896179 -116.765285 -0.240112 -0.013085 -0.459290 -125.419972 -0.48406 -5.896179 -116.765285 -0.240112 -0.013085 -0.293660 -50.698085 -0.013085 -0.025891 -116.765285 -0.240112 -0.013085 -0.128424 -20.402798 -0.82802 -5.896179 -116.765285 -0.240112 -0.013085 -0.459290 -125.419972 -0.48406 -5.896179 -116.765285 -0.240112 -0.013085 -0.293660 -50.698085 -0.013085 -0.025891 -116.765285 -0.240112 -0.013085 -0.128424 -20.402798 -0.82802 -5.896179 -116.765285 -0.240112 -0.013085 -0.459290 -125.419972 -0.48406 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-0.459290 -125.419972 -0.48406 -5.896179 -116.765285 -0.240112 -0.013085 -0.293660 -50.698085 -0.013085 -0.025891 -116.765285 -0.240112 -0.013085 -0.128424 -20.402798 -0.82802 -5.896179 -116.765285 -0.240112 -0.013085 -0.459290 -125.419972 -0.48406 -5.896179 -116.765285 -0.240112 -0.013085 -0.293660 -50.698085 -0.013085 -0.025891 -116.765285 -0.240112 -0.013085 -0.128424 -20.402798 -0.82802 -5.896179 -116.765285 -0.240112 -0.013085 -0.459290 -125.419972 -0.48406 -5.896179 -116.765285 -0.240112 -0.013085 -0.293660 -50.698085 -0.013085 -0.025891 -116.765285 -0.240112 -0.013085 -0.128424 -20.402798 -0.82802 -5.896179 -116.765285 -0.240112 -0.013085 -0.459290 -125.419972 -0.48406 -5.896179 -116.765285 -0.240112 -0.013085 -0.293660 -50.698085 -0.013085 -0.025891 -116.765285 -0.240112 -0.013085 -0.128424 -20.402798 -0.82802 -5.896179 -116.765285 -0.240112 -0.013085 -0.459290 -125.419972 -0.48406 -5.896179 -116.765285 -0.240112 -0.013085 -0.293660 -50.698085 -0.013085 -0.025891 -116.765285 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-5.896179 -116.765285 -0.240112 -0.013085 -0.293660 -50.698085 -0.013085 -0.025891 -116.765285 -0.240112 -0.013085 -0.128424 -20.402798 -0.82802 -5.896179 -116.765285 -0.240112 -0.013085 -0.459290 -125.419972 -0.48406 -5.896179 -116.765285 -0.240112 -0.013085 -0.293660 -50.698085 -0.013085 -0.025891 -116.765285 -0.240112 -0.013085 -0.128424 -20.402798 -0.82802 -5.8

0.65604	8.587161	68.407698	0.907118
0.015699	0.454659	201.149661	
0.82802	8.587161	68.407698	0.907118
0.015699	0.086537	221.215993	
1.00000	8.587161	68.407698	0.907118
0.015699	0.443361	251.383103	
COMB DESIGN ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.31208	-13.135518	-157.714403	-0.529197
-0.016087	-1.012031	-224.646691	
0.48406	-13.135518	-157.714403	-0.529197
-0.016087	-0.648731	-121.919981	
0.65604	-13.135518	-157.714403	-0.529197
-0.016087	-0.282084	-64.700825	
0.82802	-13.135518	-157.714403	-0.529197
-0.016087	-0.190246	-32.281993	
1.00000	-13.135518	-157.714403	-0.529197
-0.016087	-0.812364	-8.739148	
ELEM 162 ===== LENGTH = 4.004372			
COMB DB-G1-1 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	6.316633	36.915282	0.171534
0.002326	0.144359	0.977882	
0.17196	6.316633	36.915282	0.171534
0.002326	0.026319	9.225458	
0.34392	6.316633	36.915282	0.171534
0.002326	0.098369	18.763145	
0.51588	6.316633	36.915282	0.171534
0.002326	0.225789	28.349949	
0.68784	6.316633	36.915282	0.171534
0.002326	0.353205	37.954702	
COMB DB-G1-1 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-0.759230	-13.953915	-0.185038
-2.42E-05	-0.156479	-5.647849	
0.17196	-0.759230	-13.953915	-0.185038
-2.42E-05	-0.028961	-30.940417	
0.34392	-0.759230	-13.953915	-0.185038
-2.42E-05	-0.091904	-56.272328	
0.51588	-0.759230	-13.953915	-0.185038
-2.42E-05	-0.210086	-81.642973	
0.68784	-0.759230	-13.953915	-0.185038
-2.42E-05	-0.328119	-107.051491	
COMB DB-G1-2 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	12.997044	153.795694	0.310065
0.015912	0.269477	208.209238	
0.17196	12.997044	153.795694	0.310065
0.015912	0.055755	141.195830	
0.34392	12.997044	153.795694	0.310065
0.015912	0.126075	83.016646	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산발행S1-S403.OUT			
< MOVING Page 995 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			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.51588	12.997044	153.795694	0.310065
0.015912	0.290214	76.375318	
0.68784	12.997044	153.795694	0.310065
0.015912	0.454399	92.237773	
COMB DB-G1-2 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-1.456509	-25.943547	-0.238363
-0.013039	-0.229102	-0.008810	
0.17196	-1.456509	-25.943547	-0.238363
-0.013039	-0.073840	-26.318643	
0.34392	-1.456509	-25.943547	-0.238363
-0.013039	-0.174809	-62.481117	
0.51588	-1.456509	-25.943547	-0.238363
-0.013039	-0.381677	-118.425581	
0.68784	-1.456509	-25.943547	-0.238363
-0.013039	-0.593122	-218.955667	
COMB DB-G1-3 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	12.736753	157.869172	0.433475
0.015887	0.368230	236.175845	
0.17196	12.736753	157.869172	0.433475
0.015887	0.074073	194.995553	
0.34392	12.736753	157.869172	0.433475
0.015887	0.188188	161.051833	
0.51588	12.736753	157.869172	0.433475
0.015887	0.432313	179.803966	
0.68784	12.736753	157.869172	0.433475
0.015887	0.676442	221.567955	
COMB DB-G1-3 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-6.184263	-63.692650	-0.354461
-0.014666	-0.327432	-0.008726	
0.17196	-6.184263	-63.692650	-0.354461
-0.014666	-0.092342	-25.885830	
0.34392	-6.184263	-63.692650	-0.354461
-0.014666	-0.247061	-62.814540	
0.51588	-6.184263	-63.692650	-0.354461
-0.014666	-0.538493	-120.283291	
0.68784	-6.184263	-63.692650	-0.354461
-0.014666	-0.834870	-223.397174	
COMB DB-G2-1 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	0.177933	13.913057	0.215671
3.55E-05	0.182088	1.040624	
0.17196	0.177933	13.913057	0.215671
3.55E-05	0.033536	19.048624	
0.34392	0.177933	13.913057	0.215671
3.55E-05	0.119458	44.559602	
0.51588	0.177933	13.913057	0.215671
3.55E-05	0.272854	70.171428	
0.68784	0.177933	13.913057	0.215671
3.55E-05	0.428203	95.808681	
COMB DB-G2-1 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-6.499829	-37.242314	-0.222699
-0.002469	-0.187198	-7.039540	
0.17196	-6.499829	-37.242314	-0.222699
-0.002469	-0.033782	-9.515102	
0.34392	-6.499829	-37.242314	-0.222699

-0.002469	-0.114927	-18.723934	
0.51588	-6.499829	-37.242314	-0.222699
-0.002469	-0.263449	-28.260464	
0.68784	-6.499829	-37.242314	-0.222699
-0.002469	-0.411957	-37.835960	
COMB DB-G2-2 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	5.951662	116.709536	0.364695
0.013049	0.316303	206.581970	
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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	M2	P	V2 V3
T	M2	M3	
0.17196	5.951662	116.709536	0.364695
0.013049	0.064872	174.177603	
0.34392	5.951662	116.709536	0.364695
0.013049	0.153075	141.911157	
0.51588	5.951662	116.709536	0.364695
0.013049	0.350549	161.147420	
0.68784	5.951662	116.709536	0.364695
0.013049	0.548085	202.871629	
COMB DB-G2-2 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-8.751658	-63.500812	-0.268605
-0.015699	-0.268843	-0.003416	
0.17196	-8.751658	-63.500812	-0.268605
-0.015699	-0.080073	-8.529730	
0.34392	-8.751658	-63.500812	-0.268605
-0.015699	-0.203445	-19.101396	
0.51588	-8.751658	-63.500812	-0.268605
-0.015699	-0.447936	-49.493143	
-0.015699	-8.751658	-63.500812	-0.268605
-0.015699	-0.697002	-124.472366	
COMB DB-G2-3 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	10.662149	155.955352	0.458603
0.014972	0.391902	235.516058	
0.17196	10.662149	155.955352	0.458603
0.014972	0.077191	181.951803	
0.34392	10.662149	155.955352	0.458603
0.014972	0.196253	148.833104	
0.51588	10.662149	155.955352	0.458603
0.014972	0.450048	168.742314	
0.68784	10.662149	155.955352	0.458603
0.014972	0.703840	211.746167	
COMB DB-G2-3 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-8.341545	-65.631695	-0.368501
-0.015972	-0.338699	-0.009025	
0.17196	-8.341545	-65.631695	-0.368501
-0.015972	-0.093886	-8.833369	
0.34392	-8.341545	-65.631695	-0.368501
-0.015972	-0.257324	-44.572547	
0.51588	-8.341545	-65.631695	-0.368501
-0.015972	-0.568315	-100.895080	
0.68784	-8.341545	-65.631695	-0.368501
-0.015972	-0.879998	-202.764905	
COMB DL-G1-1 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	5.492151	36.076858	0.342280
0.002614	0.288451	1.360295	
0.17196	5.492151	36.076858	0.342280
0.002614	0.052313	12.092862	
0.34392	5.492151	36.076858	0.342280
0.002614	0.124651	25.075624	
0.51588	5.492151	36.076858	0.342280
0.002614	0.286180	38.157659	
0.68784	5.492151	36.076858	0.342280
0.002614	0.447830	51.270829	
COMB DL-G1-1 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-0.781577	-19.082550	-0.234774
-2.40E-05	-0.199388	-7.891493	
0.17196	-0.781577	-19.082550	-0.234774
-2.40E-05	-0.037782	-30.758355	
0.34392	-0.781577	-19.082550	-0.234774
-2.40E-05	-0.183816	-55.430893	
0.51588	-0.781577	-19.082550	-0.234774
-2.40E-05	-0.420367	-80.195691	
0.68784	-0.781577	-19.082550	-0.234774
-2.40E-05	-0.655226	-105.000986	
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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	M2	P	V2 V3
T	M2	M3	
0.00000	11.293600	139.131664	0.559412
0.015207	0.474247	215.725449	
0.17196	11.293600	139.131664	0.559412
0.015207	0.089408	161.516508	
0.34392	11.293600	139.131664	0.559412
0.015207	0.161879	117.801156	
0.51588	11.293600	139.131664	0.559412
0.015207	0.373576	115.875395	
0.68784	11.293600	139.131664	0.559412
0.015207	0.586028	135.185893	
COMB DL-G1-2 ----- MIN			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-1.561089	-32.543126	-0.309316
-0.011955	-0.298443	-0.008743	
0.17196	-1.561089	-32.543126	-0.309316
-0.011955	-0.090215	-23.782875	
0.34392	-1.561089	-32.543126	-0.309316
-0.011955	-0.317525	-58.491729	
0.51588	-1.561089	-32.543126	-0.309316
-0.011955	-0.698917	-114.150156	
0.68784	-1.561089	-32.543126	-0.309316
-0.011955	-1.082235	-207.477264	
COMB DL-G1-3 ----- MAX			
REL_DIST	M2	P	V2 V3
T	M2	M3	
0.00000	-6.499829	-37.242314	-0.222699
-0.002469	-0.187198	-7.039540	
0.17196	-6.499829	-37.242314	-0.222699
-0.002469	-0.033782	-9.515102	
0.34392	-6.499829	-37.242314	-0.222699

0.00000	11.086454	144.298825	0.825800
0.014865	0.689170	251.396888	</

0.48408	8.913313	72.612709	0.324140
0.015145	0.356164	183.408286	
0.65605	8.913313	72.612709	0.324140
0.015145	0.152839	157.383645	
0.82803	8.913313	72.612709	0.324140
0.015145	0.044746	183.393981	
1.00000	8.913313	72.612709	0.324140
0.015145	0.205567	209.646111	

COMB DB-G1-2 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	-5.711914	-109.732491	-0.245345
-0.013241	-0.179033	-105.596936	
0.48408	-5.711914	-109.732491	-0.245345
-0.013241	-0.301365	-36.257152	
0.65605	-5.711914	-109.732491	-0.245345
-0.013241	-0.132314	-11.012599	
0.82803	-5.711914	-109.732491	-0.245345
-0.013241	-0.091284	-5.116953	
1.00000	-5.711914	-109.732491	-0.245345
-0.013241	-0.313666	-0.023040	

COMB DB-G1-3 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	8.765543	70.096146	0.429763
0.015555	0.779939	226.933774	
0.48408	8.765543	70.096146	0.429763
0.015555	0.484011	180.715609	
0.65605	8.765543	70.096146	0.429763
0.015555	0.208375	157.097407	
0.82803	8.765543	70.096146	0.429763
0.015555	0.060707	187.045144	
1.00000	8.765543	70.096146	0.429763
0.015555	0.291325	237.565255	

COMB DB-G1-3 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	-10.731496	-153.576098	-0.346871
-0.014961	-0.664281	-157.059026	
0.48408	-10.731496	-153.576098	-0.346871
-0.014961	-0.425381	-97.669458	
0.65605	-10.731496	-153.576098	-0.346871
-0.014961	-0.186404	-44.339653	
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.82803	-10.731496	-153.576098	-0.346871
-0.014961	-0.186404	-44.339653	
1.00000	-10.731496	-153.576098	-0.346871
-0.014961	-0.404058	-0.023492	

COMB DB-G2-1 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	0.543767	7.931267	0.204886
0.000139	0.391210	22.454057	
0.48408	0.543767	7.931267	0.204886
0.000139	0.250094	16.994039	
0.65605	0.543767	7.931267	0.204886
0.000139	0.108987	11.561662	
0.82803	0.543767	7.931267	0.204886
0.000139	0.031734	6.180938	
1.00000	0.543767	7.931267	0.204886
0.000139	0.127212	1.108998	

COMB DB-G2-1 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	-6.775445	-43.833376	-0.204364
-0.001988	-0.390313	-128.171259	
0.48408	-6.775445	-43.833376	-0.204364
-0.001988	-0.249554	-97.991451	
0.65605	-6.775445	-43.833376	-0.204364
-0.001988	-0.108783	-67.849879	
0.82803	-6.775445	-43.833376	-0.204364
-0.001988	-0.092338	-37.740063	
1.00000	-6.775445	-43.833376	-0.204364
-0.001988	-0.173386	-7.761857	

COMB DB-G2-2 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	1.183813	19.018608	0.346953
0.013244	0.621799	75.398290	
0.48408	1.183813	19.018608	0.346953
0.013244	0.382915	64.243356	
0.65605	1.183813	19.018608	0.346953
0.013244	0.163911	17.138915	
0.82803	1.183813	19.018608	0.346953
0.013244	0.047782	138.075975	
1.00000	1.183813	19.018608	0.346953
0.013244	0.219921	207.211665	

COMB DB-G2-2 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	-13.582902	-161.620008	-0.261743
-0.015508	-0.501160	-241.651742	
0.48408	-13.582902	-161.620008	-0.261743
-0.015508	-0.320884	-136.574886	
0.65605	-13.582902	-161.620008	-0.261743
-0.015508	-0.140612	-75.575204	
0.82803	-13.582902	-161.620008	-0.261743
-0.015508	-0.095799	-33.894945	
1.00000	-13.582902	-161.620008	-0.261743
-0.015508	-0.334038	-0.027741	

COMB DB-G2-3 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	6.021941	61.966088	0.438331
0.014502	0.795837	220.276553	
0.48408	6.021941	61.966088	0.438331
0.014502	0.494020	179.583873	
0.65605	6.021941	61.966088	0.438331
0.014502	0.212465	161.428714	
0.82803	6.021941	61.966088	0.438331
0.014502	0.061666	196.585750	
1.00000	6.021941	61.966088	0.438331
0.014502	0.295974	236.606020	

COMB DB-G2-3 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	-13.118088	-161.424492	-0.352163
-0.015528	-0.674239	-235.629003	
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.48408	-13.118088	-161.424492	-0.352163
-0.015528	-0.431891	-130.905670	
0.65605	-13.118088	-161.424492	-0.352163
-0.015528	-0.189065	-71.321161	
0.82803	-13.118088	-161.424492	-0.352163
-0.015528	-0.116941	-31.724368	
1.00000	-13.118088	-161.424492	-0.352163
-0.015528	-0.411757	-0.031051	

COMB DL-G1-1 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	6.258089	46.799223	0.333638
0.001907	0.635706	122.873726	
0.48408	6.258089	46.799223	0.333638
0.001907	0.405661	90.679992	
0.65605	6.258089	46.799223	0.333638
0.001907	0.175759	58.557044	
0.82803	6.258089	46.799223	0.333638
0.001907	0.037976	26.728780	
1.00000	6.258089	46.799223	0.333638
0.001907	0.207500	1.361935	

COMB DL-G1-1 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	-0.458174	-10.323637	-0.246647
-0.000213	-0.472266	-28.892005	
0.48408	-0.458174	-10.323637	-0.246647
-0.000213	-0.302465	-21.825984	
0.65605	-0.458174	-10.323637	-0.246647
-0.000213	-0.132679	-14.827737	
0.82803	-0.458174	-10.323637	-0.246647
-0.000213	-0.053941	-8.136587	
1.00000	-0.458174	-10.323637	-0.246647
-0.000213	-0.283703	-7.603057	

COMB DL-G1-2 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	8.353015	74.816791	0.529778
0.014042	0.964054	262.437078	
0.48408	8.353015	74.816791	0.529778
0.014042	0.598837	213.915486	
0.65605	8.353015	74.816791	0.529778
0.014042	0.250179	186.695729	
0.82803	8.353015	74.816791	0.529778
0.014042	0.056131	201.200317	
1.00000	8.353015	74.816791	0.529778
0.014042	0.257036	216.599468	

COMB DL-G1-2 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	-4.988798	-99.438935	-0.306510
-0.012175	-4.988798	-99.438935	-0.306510
0.48408	-4.988798	-99.438935	-0.306510
-0.012175	-0.376364	-41.789110	
0.65605	-4.988798	-99.438935	-0.306510
-0.012175	-0.166001	-13.957276	
0.82803	-4.988798	-99.438935	-0.306510
-0.012175	-0.133371	-6.382328	
1.00000	-4.988798	-99.438935	-0.306510
-0.012175	-0.496666	-0.025219	

COMB DL-G1-3 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	7.822930	73.400026	0.743416
0.014086	1.371614	264.396047	
0.48408	7.822930	73.400026	0.743416
0.014086	0.859237	217.27184	
0.65605	7.822930	73.400026	0.743416
0.014086	0.363672	191.919526	
0.82803	7.822930	73.400026	0.743416
0.014086	0.076952	210.553157	
1.00000	7.822930	73.400026	0.743416
0.014086	0.373244	251.865737	
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	-9.512103	-141.380017	-0.445267
-0.013651	-0.851976	-192.381317	
0.48408	-9.512103	-141.380017	-0.445267
-0.013651	-0.545557	-98.061501	
0.65605	-9.512103	-141.380017	-0.445267
-0.013651	-0.219657	-42.171957	
0.82803	-9.512103	-141.380017	-0.445267
-0.013651	-0.167590	-8.668173	
1.00000	-9.512103	-141.380017	-0.445267
-0.013651	-0.677726	-0.025175	

COMB DL-G2-1 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31211	0.460185	10.131082	0.389606
0.000125	0.748974	28.632478	
0.48408	0.460185	10.131082	0.389606
0.000125	0.480696	21.697761	
0.65605	0.460185	10.131082	0.389606
0.000125	0.212283	14.783394	
0.82803	0.460185	10.131082	0.389606
0.000125	0.043875	7.927991	
1.00000	0.460185	10.131082	0.389606
0.000125	0.237391	1.487711	

0.48408	0.460185	10.131082	0.389606
0.000125	0.480696	21.697761	
0.65605	0.460185	10.131082	0.389606
0.000125	0.212283	14.783394	
0.82803	0.460185	10.131082	0.389606
0.000125	0.043879	7.927991	
1.00000	0.460185	10.131082	0.389606
0.000125	0.237391	1.487711	
COMB DL-G2-1 ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.31211	-6.360079	-45.802762	-0.281645

0.00000 0.530229 8.067326 0.204149
0.000213 0.172613 1.093715
0.17197 0.530229 8.067326 0.204149
0.000213 0.031966 23.434696
0.34395 0.530229 8.067326 0.204149
0.000213 0.108330 53.944832
0.51592 0.530229 8.067326 0.204149
0.000213 0.248216 84.568260
0.68789 0.530229 8.067326 0.204149
0.000213 0.388087 115.236811

COMB DB-G2-1 ----- MIN
REL DIST P M2 V2 V3

0.00000 -6.834758 -44.541159 -0.203079
-0.002024 -0.171423 -7.734342
0.17197 -6.834758 -44.541159 -0.203079
-0.002024 -0.031374 -5.269002
0.34395 -6.834758 -44.541159 -0.203079
-0.002024 -0.108609 -10.477390
0.51592 -6.834758 -44.541159 -0.203079
-0.002024 -0.249214 -15.981134
0.68789 -6.834758 -44.541159 -0.203079
-0.002024 -0.389818 -21.525661

COMB DB-G2-2 ----- MAX
REL DIST P M2 V2 V3

0.00000 5.586543 109.836872 0.323265
0.013203 0.281252 206.891376
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page 1007 LOAD >

FRAME ELEMENT INTERNAL
FORCES

REL DIST P M2 V2 V3
0.17197 5.586543 109.836872 0.323265
0.013203 0.058562 180.268622
0.34395 5.586543 109.836872 0.323265
0.013203 0.136236 153.814370
0.51592 5.586543 109.836872 0.323265
0.013203 0.313881 179.720555
0.68789 5.586543 109.836872 0.323265
0.013203 0.491534 227.334887

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

REL DIST P M2 V2 V3
0.00000 -9.202974 -72.008642 -0.258132
-0.015372 -0.255908 -0.016731
0.17197 -9.202974 -72.008642 -0.258132
-0.015372 -0.079263 -0.241454
0.34395 -9.202974 -72.008642 -0.258132
-0.015372 -0.162351 -10.065119
0.51592 -9.202974 -72.008642 -0.258132
-0.015372 -0.392879 -35.592999
0.68789 -9.202974 -72.008642 -0.258132
-0.015372 -0.611222 -105.454503

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

REL DIST P M2 V2 V3
0.00000 10.465169 153.964964 0.414389
0.014824 0.358182 236.352804
0.17197 10.465169 153.964964 0.414389
0.014824 0.072673 184.360336
0.34395 10.465169 153.964964 0.414389
0.014824 0.184430 153.589094
0.51592 10.465169 153.964964 0.414389
0.014824 0.424732 177.159822
0.68789 10.465169 153.964964 0.414389
0.014824 0.664980 222.990178

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

REL DIST P M2 V2 V3
0.00000 -8.644426 -69.621625 -0.349004
-0.015762 -0.333654 -0.021600
0.17197 -8.644426 -69.621625 -0.349004
-0.015762 -0.094372 -7.072351
0.34395 -8.644426 -69.621625 -0.349004
-0.015762 -0.231292 -41.669458
0.51592 -8.644426 -69.621625 -0.349004
-0.015762 -0.504374 -96.485470
0.68789 -8.644426 -69.621625 -0.349004
-0.015762 -0.785384 -196.596181

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

REL DIST P M2 V2 V3
0.00000 6.212732 46.053853 0.327160
0.001927 0.278113 1.361430
0.17197 6.212732 46.053853 0.327160
0.001927 0.053002 7.040167
0.34395 6.212732 46.053853 0.327160
0.001927 0.131594 13.940369
0.51592 6.212732 46.053853 0.327160
0.001927 0.300129 20.895760
0.68789 6.212732 46.053853 0.327160
0.001927 0.468821 27.870482

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

REL DIST P M2 V2 V3
0.00000 -0.474572 -10.186247 -0.245104
-0.000154 -0.206878 -7.576321
0.17197 -0.474572 -10.186247 -0.245104
-0.000154 -0.038676 -38.267985
0.34395 -0.474572 -10.186247 -0.245104
-0.000154 -0.173117 -69.964739
0.51592 -0.474572 -10.186247 -0.245104
-0.000154 -0.398321 -101.506095
0.68789 -0.474572 -10.186247 -0.245104
-0.000154 -0.623834 -133.183107
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
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FRAME ELEMENT INTERNAL
FORCES

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

REL DIST P M2 V2 V3
0.00000 12.016188 150.809609 0.496839
0.014355 0.423981 216.600998
0.17197 12.016188 150.809609 0.496839
0.014355 0.083246 153.680488
0.34395 12.016188 150.809609 0.496839
0.014355 0.160789 102.668107
0.51592 12.016188 150.809609 0.496839
0.014355 0.368906 93.679897
0.68789 12.016188 150.809609 0.496839
0.014355 0.577314 105.958644

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

REL DIST P M2 V2 V3
0.00000 -1.239538 -22.081487 -0.307585
-0.012212 -0.299242 -0.028568
0.17197 -1.239538 -22.081487 -0.307585
-0.012212 -0.090007 -30.391993
0.34395 -1.239538 -22.081487 -0.307585
-0.012212 -0.281039 -73.097495
0.51592 -1.239538 -22.081487 -0.307585
-0.012212 -0.614648 -136.593295
0.68789 -1.239538 -22.081487 -0.307585
-0.012212 -0.953196 -237.904695

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

REL DIST P M2 V2 V3
0.00000 11.480635 149.644889 0.706666
0.014102 0.591992 251.861194
0.17197 11.480635 149.644889 0.706666
0.014102 0.108872 217.981831
0.34395 11.480635 149.644889 0.706666
0.014102 0.232933 195.849261
0.51592 11.480635 149.644889 0.706666
0.014102 0.535210 216.148915
0.68789 11.480635 149.644889 0.706666
0.014102 0.837666 257.811202

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

REL DIST P M2 V2 V3
0.00000 -5.810474 -64.969397 -0.444390
-0.013247 -0.414424 -0.026730
0.17197 -5.810474 -64.969397 -0.444390
-0.013247 -0.113255 -28.186213
0.34395 -5.810474 -64.969397 -0.444390
-0.013247 -0.402218 -69.257401
0.51592 -5.810474 -64.969397 -0.444390
-0.013247 -0.880200 -131.616777
0.68789 -5.810474 -64.969397 -0.444390
-0.013247 -1.363410 -231.938620

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

REL DIST P M2 V2 V3
0.00000 0.444729 10.720251 0.384089
0.000200 0.319809 1.469273
0.17197 0.444729 10.720251 0.384089
0.000200 0.056183 24.141654
0.34395 0.444729 10.720251 0.384089
0.000200 0.148481 55.683058
0.51592 0.444729 10.720251 0.384089
0.000200 0.340017 87.591822
0.68789 0.444729 10.720251 0.384089
0.000200 0.531432 119.594471

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

REL DIST P M2 V2 V3
0.00000 -6.402737 -46.543580 -0.278110
-0.002038 -0.233113 -9.667570
0.17197 -6.402737 -46.543580 -0.278110
-0.002038 -0.042057 -7.390586
0.34395 -6.402737 -46.543580 -0.278110
-0.002038 -0.209402 -13.972902
0.51592 -6.402737 -46.543580 -0.278110
-0.002038 -0.473832 -20.915732
0.68789 -6.402737 -46.543580 -0.278110
-0.002038 -0.738349 -27.919198
Program SAP2000 Nonlinear Version 7.42
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< MOVING Page 1009 LOAD >

FRAME ELEMENT INTERNAL
FORCES

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

REL DIST P M2 V2 V3
0.00000 4.840216 99.501038 0.565656
0.012112 0.473051 214.330508
0.17197 4.840216 99.501038 0.565656
0.012112 0.086679 197.70538
0.34395 4.840216 99.501038 0.565656
0.012112 0.181731 182.851794
0.51592 4.840216 99.501038 0.565656
0.012112 0.417805 209.821234
0.68789 4.840216 99.501038 0.565656
0.012112 0.654257 258.026855

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

REL DIST P M2 V2 V3
0.00000 -8.648608 -74.266750 -0.348019
-0.014341 -0.331597 -0.019039
0.17197 -8.648608 -74.266750 -0.348019
-0.014341 -0.093987 -5.245344
0.34395 -8.648608 -74.266750 -0.348019
-0.014341 -0.326461 -12.738453
0.51592 -8.648608 -74.266750 -0.348019
-0.014341 -0.707121 -140.916484
0.68789 -8.648608 -74.266750 -0.348019
-0.014341 -1.092912 -106.877559

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

REL DIST P M2 V2 V3
0.00000 9.215215 141.690199 0.732464
0.013441 0.611949 250.856432
0.17197 9.215215 141.690199 0.732464
0.013441 0.110328 207.798669
0.34395 9.215215 141.690199 0.732464
0.013441 0.241147 188.250838
0.51592 9.215215 141.690199 0.732464
0.013441 0.554033 213.367142
0.68789 9.215215 141.690199 0.732464
0.013441 0.867363 260.248031

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

REL DIST P M2 V2 V3
0.00000 -8.115240 -73.002279 -0.459665
-0.014374 -0.426418 -0.023059
0.17197 -8.115240 -73.002279 -0.459665
-0.014374 -0.112564 -6.960029
0.34395 -8.115240 -73.002279 -0.459665
-0.014374 -0.417766 -40.165577
0.51592 -8.115240 -73.002279 -0.459665
-0.014374 -0.913730 -96.504638
0.68789 -8.115240 -73.002279 -0.459665
-0.014374 -1.414336 -191.077975

COMB DB ----- MAX

REL DIST P M2 V2 V3
0.00000 13.249976 162.212916 0.414389
0.015380 0.358182 237.259263

0.17197 13.249976 162.212916 0.414389
0.015380 0.072673 193.994561
0.34395 13.249976 162.212916 0.414389
0.015380 0.184430 158.619548
0.51592 13.249976 162.212916 0.414389
0.015380 0.424732 179.720555
0.68789 13.249976 162.212916 0.414389
0.015380 0.664980 227.334887

COMB DB ----- MIN

REL DIST P M2 V2 V3
0.00000 -9.202974 -72.008642 -0.349004
-0.015762 -0.333654 -7.734342
0.17197 -9.202974 -72.008642 -0.349004
-0.015762 -0.094372 -35.860920
0.34395 -9.202974 -72.008642 -0.349004
-0.015762 -0.231292 -73.698879
0.51592 -9.202974 -72.008642 -0.349004
-0.015762 -0.504374 -135.310005
0.68789 -9.202974 -72.008642 -0.349004
-0.015762 -0.785384 -241.240019
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page 1010 LOAD >

FRAME ELEMENT INTERNAL
FORCES

COMB DL ----- MAX

REL DIST P M2 V2 V3
0.00000 12.016188 150.809609 0.732464
0.014355 0.611949 251.861194
0.17197 12.016188 150.809609 0.732464
0.014355 0.110328 217.981831
0.34395 12.016188 150.809609 0.732464
0.014355 0.241147 195.849261
0.51592 12.016188 150.809609 0.732464
0.014355 0.554033 216.148915
0.68789 12.016188 150.809609 0.732464
0.014355 0.867363 260.248031

COMB DL ----- MIN

REL DIST P M2 V2 V3
0.00000 -8.648608 -74.266750 -0.459665
-0.014374 -0.426418 -9.667570
0.17197 -8.648608 -74.266750 -0.459665
-0.014374 -0.113255 -38.267985
0.34395 -8.648608 -74.266750 -0.459665
-0.014374 -0.417766 -73.097495
0.51592 -8.648608 -74.266750 -0.459665
-0.014374 -0.913730 -136.593295
0.68789 -8.648608 -74.266750 -0.459665
-0.014374 -1.414336 -237.904695

COMB CAR ----- MAX

REL DIST P M2 V2 V3
0.00000 13.249976 162.212916 0.732464
0.015380 0.519499 251.861194
0.17197 13.249976 162.212916 0.732464
0.015380 0.110328 217.981831
0.34395 13.249976 162.212916 0.732464
0.015380 0.241147 195.849261
0.51592 13.249976 162.212916 0.732464
0.015380 0.554033 216.148915
0.68789 13.249976 162.212916 0.732464
0.015380 0.867363 260.248031

COMB CAR ----- MIN

REL DIST P M2 V2 V3
0.00000 -9.202974 -74.266750 -0.459665
-0.015762 -0.426418 -9.667570
0.17197 -9.202974 -74.266750 -0.459665
-0.015762 -0.113255 -38.267985
0.34395 -9.202974 -74.266750 -0.459665
-0.015762 -0.417766 -73.698879
0.51592 -9.202974 -74.266750 -0.459665
-0.015762 -0.913730 -136.593295
0.68789 -9.202974 -74.266750 -0.459665
-0.015762 -1.414336 -241.240019

COMB DESIGN ----- MAX

REL DIST P M2 V2 V3
0.00000 13.249976 162.212916 0.732464
0.015380 0.519499 251.861194
0.17197 13.249976 162.212916 0.732464
0.015380 0.110328 217.981831
0.34395 13.249976 162.212916 0.732464
0.015380 0.241147 195.849261
0.51592 13.249976 162.212916 0.732464
0.015380 0.554033 216.148915
0.68789 13.249976 162.212916 0.732464
0.015380 0.867363 260.248031

COMB DESIGN ----- MIN

REL DIST P M2 V2 V3
0.00000 -9.202974 -74.266750 -0.459665
-0.015762 -0.426418 -9.667570
0.17197 -9.202974 -74.266750 -0.459665
-0.015762 -0.113255 -38.267985
0.34395 -9.202974 -74.266750 -0.459665
-0.015762 -0.417766 -73.698879
0.51592 -9.202974 -74.266750 -0.459665
-0.015762 -0.913730 -136.593295
0.68789 -9.202974 -74.266750 -0.459665
-0.015762 -1.414336 -241.240019
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page 1011 LOAD >

FRAME ELEMENT INTERNAL
FORCES

ELEM 165 ===== LENGTH = 4.004726

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

REL DIST P M2 V2 V3
0.31213 5.590345 48.035963 0.198313
0.001434 0.379367 127.572019
0.48410 5.890345 48.035963 0.198313
0.001434 0.242793 94.517267
0.65607 5.890345 48.035963 0.198313
0.001434 0.108212 61.491211
0.32809 5.890345 48.035963 0.198313
0.001434 0.030346 28.559339
1.00000 5.890345 48.035963 0.198313
0.001434 0.165884 0.990958

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

REL DIST P M2 V2 V3
0.31213 -0.658327 -14.818178 -0.196666
-0.000645 -0.375858 -12.020059
0.48410 -0.658327 -14.818178 -0.196666
-0.000645 -0.240418 -8.983242
0.65607 -0.658327 -14.818178 -0.196666
-0.000645 -0.104971 -5.979871
0.32809 -0.658327 -14.818178 -0.196666
-0.000645 -0.302020 -3.249387
1.00000 -0.658327 -14.818178 -0.196666
-0.000645 -0.166914 -4.900940

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

REL DIST P M2 V2 V3
0.31213 8.039128 76.166399 0.304323
0.014628 0.540665 243.320330
0.484

0.014705 0.723218 215.845530
0.48410 5.731998 59.857307 0.400645
0.014705 0.447280 176.646785
0.65607 5.731998 59.857307 0.400645
0.014705 0.192639 159.347211
0.82803 5.731998 59.857307 0.400645
0.014705 0.062110 195.975052
1.00000 5.731998 59.857307 0.400645
0.014705 0.290779 238.362013

COMB DB-G2-3 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -12.288424 -163.332398 -0.346627
0.015215 -0.664098 -240.838100
Program SAP2000 Nonlinear Version 7.42
File:2교부산방항S1-S403.OUT

< MOVING Page 1013 LOAD >
F R A M E E L E M E N T I N T E R N A L
REL_DIST P V2 V3
T M2 M3
0.48410 -12.288424 -163.332398 -0.346627
-0.015215 -0.425376 -135.078699
0.65607 -12.288424 -163.332398 -0.346627
-0.015215 -0.186587 -74.213517
0.82803 -12.288424 -163.332398 -0.346627
-0.015215 -0.105565 -33.454427
1.00000 -12.288424 -163.332398 -0.346627
-0.015215 -0.381567 -0.011797

COMB DL-G1-1 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 5.453625 53.016592 0.313542
0.001330 0.595865 140.484141 0.313542
0.48410 5.453625 53.016592 0.313542
0.001330 0.379922 104.022180 0.313542
0.65607 5.453625 53.016592 0.313542
0.001330 0.164095 67.626538 0.313542
0.82803 5.453625 53.016592 0.313542
0.001330 0.041349 31.530907 0.313542
1.00000 5.453625 53.016592 0.313542
0.001330 0.226736 1.352932

COMB DL-G1-1 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -0.4004683 -5.444921 -0.271067
-0.000529 -0.5020264 -15.019144 -0.271067
0.48410 -0.604683 -5.444921 -0.271067
-0.000529 -0.333599 -11.312293 -0.271067
0.65607 -0.604683 -5.444921 -0.271067
-0.000529 -0.147096 -7.667259 -0.271067
0.82803 -0.604683 -5.444921 -0.271067
-0.000529 -0.051956 -4.343516 -0.271067
1.00000 -0.604683 -5.444921 -0.271067
-0.000529 -0.267452 -6.692487

COMB DL-G1-2 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 0.7480341 81.800518 0.466390
0.013394 0.842214 283.634405 0.466390
0.48410 0.7480341 81.800518 0.466390
0.013394 0.521422 230.303070 0.466390
0.65607 0.7480341 81.800518 0.466390
0.013394 0.219881 197.847742 0.466390
0.82803 0.7480341 81.800518 0.466390
0.013394 0.059916 207.558141 0.466390
1.00000 0.7480341 81.800518 0.466390
0.013394 0.281910 217.721290

COMB DL-G1-2 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -5.092932 -93.782872 -0.337356
-0.012492 -0.650141 -92.596645 -0.337356
0.48410 -5.092932 -93.782872 -0.337356
-0.012492 -0.418578 -30.638435 -0.337356
0.65607 -5.092932 -93.782872 -0.337356
-0.012492 -0.189224 -6.949786 -0.337356
0.82803 -5.092932 -93.782872 -0.337356
-0.012492 -0.124570 -3.041233 -0.337356
1.00000 -5.092932 -93.782872 -0.337356
-0.012492 -0.444155 -0.018887

COMB DL-G1-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 7.156353 76.925260 0.625589
0.013711 1.145519 273.039359 0.625589
0.48410 7.156353 76.925260 0.625589
0.013711 0.715014 223.546058 0.625589
0.65607 7.156353 76.925260 0.625589
0.013711 0.304068 195.537911 0.625589
0.82803 7.156353 76.925260 0.625589
0.013711 0.076256 212.457238 0.625589
1.00000 7.156353 76.925260 0.625589
0.013711 0.371856 252.862720
Program SAP2000 Nonlinear Version 7.42
File:2교부산방항S1-S403.OUT

< MOVING Page 1014 LOAD >
F R A M E E L E M E N T I N T E R N A L
REL_DIST P V2 V3
T M2 M3
0.31213 -9.090516 -140.335005 -0.443992
-0.013527 -0.853511 -187.510281 -0.443992
0.48410 0.909516 -140.335005 -0.443992
-0.013527 -0.948282 -93.935866 -0.443992
0.65607 -0.909516 -140.335005 -0.443992
-0.013527 -0.245560 -38.798347 -0.443992
0.82803 -0.909516 -140.335005 -0.443992
-0.013527 -0.150515 -6.282929 -0.443992
1.00000 -0.909516 -140.335005 -0.443992
-0.013527 -0.579575 -0.039946

COMB DL-G2-1 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 0.606588 5.795754 0.315341
0.000460 0.607392 16.159679 0.315341
0.48410 0.606588 5.795754 0.315341
0.000460 0.390288 12.332136 0.315341
0.65607 0.606588 5.795754 0.315341
0.000460 0.173190 8.521145 0.315341
0.82803 0.606588 5.795754 0.315341
0.000460 0.037707 4.755710 0.315341
1.00000 0.606588 5.795754 0.315341
0.000460 0.204396 1.363782

COMB DL-G2-1 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -11.345222 -158.669441 -0.443992
-0.013698 -0.853511 -261.093578 -0.443992
0.48410 -11.345222 -158.669441 -0.443992
-0.013698 -0.547496 -261.093578 -0.443992
0.65607 -11.345222 -158.669441 -0.443992
-0.013698 -0.368344 -154.468929 -0.443992
0.82803 -11.345222 -158.669441 -0.443992
-0.013698 -0.163942 -85.923736 -0.443992
1.00000 -11.345222 -158.669441 -0.443992
-0.013698 -0.434680 -0.012835

COMB DL-G2-2 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 5.328516 63.734075 0.629388
0.013133 0.075340 219.552018 0.629388
0.48410 5.328516 63.734075 0.629388
0.013133 0.723647 216.573955 0.629388
0.65607 5.328516 63.734075 0.629388
0.013133 0.309912 196.800986 0.629388
0.82803 5.328516 63.734075 0.629388
0.013133 0.075340 219.552018 0.629388
1.00000 5.328516 63.734075 0.629388
0.013133 0.363368 251.408740 0.629388
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< MOVING Page 1015 LOAD >
F R A M E E L E M E N T I N T E R N A L
REL_DIST P V2 V3
T M2 M3
0.31213 -10.992159 -153.778836 -0.433922
-0.013698 -0.536124 -143.619674 -0.433922
0.48410 -10.992159 -153.778836 -0.433922
-0.013698 -0.240289 -78.609761 -0.433922
0.65607 -10.992159 -153.778836 -0.433922
0.82803 -10.992159 -153.778836 -0.433922
-0.013698 -0.136725 -40.407573 -0.433922
1.00000 -10.992159 -153.778836 -0.433922
-0.013698 -0.580080 -0.013439

COMB DL-G2-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 0.8039128 76.166399 0.400645
0.015305 0.723218 230.303070 0.400645
0.48410 0.8039128 76.166399 0.400645
0.015305 0.447280 192.847742 0.400645
0.65607 0.8039128 76.166399 0.400645
0.015305 0.192752 163.796809 0.400645
0.82803 0.8039128 76.166399 0.400645
0.015305 0.062388 195.975052 0.400645
1.00000 0.8039128 76.166399 0.400645
0.015305 0.292864 239.584125

COMB DL-G2-3 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -10.992159 -153.778836 -0.433922
-0.013698 -0.536124 -143.619674 -0.433922
0.48410 -10.992159 -153.778836 -0.433922
-0.013698 -0.240289 -78.609761 -0.433922
0.65607 -10.992159 -153.778836 -0.433922
0.82803 -10.992159 -153.778836 -0.433922
-0.013698 -0.136725 -40.407573 -0.433922
1.00000 -10.992159 -153.778836 -0.433922
-0.013698 -0.580080 -0.013439

COMB DL-G2-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 0.8039128 76.166399 0.400645
0.015305 0.723218 230.303070 0.400645
0.48410 0.8039128 76.166399 0.400645
0.015305 0.447280 192.847742 0.400645
0.65607 0.8039128 76.166399 0.400645
0.015305 0.192752 163.796809 0.400645
0.82803 0.8039128 76.166399 0.400645
0.015305 0.062388 195.975052 0.400645
1.00000 0.8039128 76.166399 0.400645
0.015305 0.292864 239.584125

COMB DL-G2-3 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -10.992159 -153.778836 -0.433922
-0.013698 -0.536124 -143.619674 -0.433922
0.48410 -10.992159 -153.778836 -0.433922
-0.013698 -0.240289 -78.609761 -0.433922
0.65607 -10.992159 -153.778836 -0.433922
0.82803 -10.992159 -153.778836 -0.433922
-0.013698 -0.136725 -40.407573 -0.433922
1.00000 -10.992159 -153.778836 -0.433922
-0.013698 -0.580080 -0.013439

COMB DL-G2-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 0.8039128 76.166399 0.400645
0.015305 0.723218 230.303070 0.400645
0.48410 0.8039128 76.166399 0.400645
0.015305 0.447280 192.847742 0.400645
0.65607 0.8039128 76.166399 0.400645
0.015305 0.192752 163.796809 0.400645
0.82803 0.8039128 76.166399 0.400645
0.015305 0.062388 195.975052 0.400645
1.00000 0.8039128 76.166399 0.400645
0.015305 0.292864 239.584125

COMB DL-G2-3 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -10.992159 -153.778836 -0.433922
-0.013698 -0.536124 -143.619674 -0.433922
0.48410 -10.992159 -153.778836 -0.433922
-0.013698 -0.240289 -78.609761 -0.433922
0.65607 -10.992159 -153.778836 -0.433922
0.82803 -10.992159 -153.778836 -0.433922
-0.013698 -0.136725 -40.407573 -0.433922
1.00000 -10.992159 -153.778836 -0.433922
-0.013698 -0.580080 -0.013439

COMB DL-G2-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 0.8039128 76.166399 0.400645
0.015305 0.723218 230.303070 0.400645
0.48410 0.8039128 76.166399 0.400645
0.015305 0.447280 192.847742 0.400645
0.65607 0.8039128 76.166399 0.400645
0.015305 0.192752 163.796809 0.400645
0.82803 0.8039128 76.166399 0.400645
0.015305 0.062388 195.975052 0.400645
1.00000 0.8039128 76.166399 0.400645
0.015305 0.292864 239.584125

COMB DL-G2-3 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -10.992159 -153.778836 -0.433922
-0.013698 -0.536124 -143.619674 -0.433922
0.48410 -10.992159 -153.778836 -0.433922
-0.013698 -0.240289 -78.609761 -0.433922
0.65607 -10.992159 -153.778836 -0.433922
0.82803 -10.992159 -153.778836 -0.433922
-0.013698 -0.136725 -40.407573 -0.433922
1.00000 -10.992159 -153.778836 -0.433922
-0.013698 -0.580080 -0.013439

COMB DL-G2-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 0.8039128 76.166399 0.400645
0.015305 0.723218 230.303070 0.400645
0.48410 0.8039128 76.166399 0.400645
0.015305 0.447280 192.847742 0.400645
0.65607 0.8039128 76.166399 0.400645
0.015305 0.192752 163.796809 0.400645
0.82803 0.8039128 76.166399 0.400645
0.015305 0.062388 195.975052 0.400645
1.00000 0.8039128 76.166399 0.400645
0.015305 0.292864 239.584125

COMB DL-G2-3 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -10.992159 -153.778836 -0.433922
-0.013698 -0.536124 -143.619674 -0.433922
0.48410 -10.992159 -153.778836 -0.433922
-0.013698 -0.240289 -78.609761 -0.433922
0.65607 -10.992159 -153.778836 -0.433922
0.82803 -10.992159 -153.778836 -0.433922
-0.013698 -0.136725 -40.407573 -0.433922
1.00000 -10.992159 -153.778836 -0.433922
-0.013698 -0.580080 -0.013439

COMB DL-G2-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 0.8039128 76.166399 0.400645
0.015305 0.723218 230.303070 0.400645
0.48410 0.8039128 76.166399 0.400645
0.015305 0.447280 192.847742 0.400645
0.65607 0.8039128 76.166399 0.400645
0.015305 0.192752 163.796809 0.400645
0.82803 0.8039128 76.166399 0.400645
0.015305 0.062388 195.975052 0.400645
1.00000 0.8039128 76.166399 0.400645
0.015305 0.292864 239.584125

COMB DL-G2-3 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -10.992159 -153.778836 -0.433922
-0.013698 -0.536124 -143.619674 -0.433922
0.48410 -10.992159 -153.778836 -0.433922
-0.013698 -0.240289 -78.609761 -0.433922
0.65607 -10.992159 -153.778836 -0.433922
0.82803 -10.992159 -153.778836 -0.433922
-0.013698 -0.136725 -40.407573 -0.433922
1.00000 -10.992159 -153.778836 -0.433922
-0.013698 -0.580080 -0.013439

COMB DL-G2-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 0.8039128 76.166399 0.400645
0.015305 0.723218 230.303070 0.400645
0.48410 0.8039128 76.166399 0.400645
0.015305 0.447280 192.847742 0.400645
0.65607 0.8039128 76.166399 0.400645
0.015305 0.192752 163.796809 0.400645
0.82803 0.8039128 76.166399 0.400645
0.015305 0.062388 195.975052 0.400645
1.00000 0.8039128 76.166399 0.400645
0.015305 0.292864 239.584125

COMB DL-G2-3 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -10.992159 -153.778836 -0.433922
-0.013698 -0.536124 -143.619674 -0.433922
0.48410 -10.992159 -153.778836 -0.433922
-0.013698 -0.240289 -78.609761 -0.433922
0.65607 -10.992159 -153.778836 -0.433922
0.82803 -10.992159 -153.778836 -0.433922
-0.013698 -0.136725 -40.407573 -0.433922
1.00000 -10.992159 -153.778836 -0.433922
-0.013698 -0.580080 -0.013439

COMB DL-G2-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 0.8039128 76.166399 0.400645
0.015305 0.723218 230.303070 0.400645
0.48410 0.8039128 76.166399 0.400645
0.015305 0.447280 192.847742 0.400645
0.65607 0.8039128 76.166399 0.400645
0.015305 0.192752 163.796809 0.400645
0.82803 0.8039128 76.166399 0.400645
0.015305 0.062388 195.975052 0.400645
1.00000 0.8039128 76.166399 0.400645
0.015305 0.292864 239.584125

COMB DL-G2-3 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.31213 -10.992159 -153.778836 -0.433922
-0.013698 -0.536124 -143.619674 -0.433922
0.48410 -10.992159 -153.778836 -0.433922
-0.013698 -0.240289 -78.609761 -0.433922
0.65607 -10.992159 -153.778836 -0.433922
0.82803 -10.992159 -153.778836 -0.433922
-0.013698 -0.136725 -40.407573 -0.433922
1.00000 -10.992159 -153.778836 -0.433922
-0.013698 -0.580080 -0.013439

COMB DL-G2-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.31213 0.8039128 76.166399 0.400645
0.015305 0.723218 230.303070 0.400645
0.48410 0.8039128 76.166399 0.400645
0.015305 0.447280 192.847742 0.400645
0.65607 0.8039128 76.166399 0.400645
0.015305 0.192752 163.796809 0.400645
0.82803 0.8039128 76.166399 0.400645
0.015305 0.062388 195.975052 0.400645
1.00000 0.8039128 76.166399 0.400645
0.015305 0.292864 239.584125

COMB DL-G2-3 -----

< MOVING LOAD >				
1019				
FRAME ELEMENT INTERNAL FORCES				
COMB DL-G1-2 ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	11.208427	159.186559		0.432909
0.013597	0.371064	217.716060		
0.17199	11.208427	159.186559		0.432909
0.013597	0.075489	148.612852		
0.013597	11.208427	159.186559		0.432909
0.013597	0.177724	93.686868		
0.51596	11.208427	159.186559		0.432909
0.013597	0.404992	81.226482		
0.68794	11.208427	159.186559		0.432909
0.013597	0.636074	89.618007		
COMB DL-G1-2 ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-1.345495	-16.553497		-0.348319
-0.012574	-0.332605	-0.015692		
0.17199	-1.345495	-16.553497		-0.348319
-0.012574	-0.096235	-33.920520		
0.34397	-1.345495	-16.553497		-0.348319
-0.012574	-0.246806	-82.251184		
0.51596	-1.345495	-16.553497		-0.348319
-0.012574	-0.531414	-151.559411		
0.68794	-1.345495	-16.553497		-0.348319
-0.012574	-0.826523	-258.608341		
COMB DL-G1-3 ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	10.886385	154.221081		0.587371
0.013621	0.493248	252.873316		
0.17199	10.886385	154.221081		0.587371
0.013621	0.095197	216.901481		
0.34397	10.886385	154.221081		0.587371
0.013621	0.233578	193.572637		
0.51596	10.886385	154.221081		0.587371
0.013621	0.534222	213.133456		
0.68794	10.886385	154.221081		0.587371
0.013621	0.838866	253.634935		
COMB DL-G1-3 ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-5.375588	-63.337642		-0.454918
-0.013224	-0.424481	-0.031892		
0.17199	-5.375588	-63.337642		-0.454918
-0.013224	-0.118114	-30.912248		
0.34397	-5.375588	-63.337642		-0.454918
-0.013224	-0.339084	-74.997953		
0.51596	-5.375588	-63.337642		-0.454918
-0.013224	-0.729955	-140.578409		
0.68794	-5.375588	-63.337642		-0.454918
-0.013224	-1.131051	-244.049731		
COMB DL-G2-1 ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	0.603071	5.437351		0.308071
0.000534	0.255808	1.373080		
0.17199	0.603071	5.437351		0.308071
0.000534	0.046064	28.132113		
0.34397	0.603071	5.437351		0.308071
0.000534	0.128106	64.068057		
0.51596	0.603071	5.437351		0.308071
0.000534	0.294299	100.301216		
0.68794	0.603071	5.437351		0.308071
0.000534	0.460260	136.652509		
COMB DL-G2-1 ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-5.599778	-52.852819		-0.240985
-0.001406	-0.920989	-9.632610		
0.17199	-5.599778	-52.852819		-0.240985
-0.001406	-0.039507	-3.721578		
0.34397	-5.599778	-52.852819		-0.240985
-0.001406	-0.169706	-6.998377		
0.51596	-5.599778	-52.852819		-0.240985
-0.001406	-0.381634	-10.627309		
Program	-5.599778	-52.852819		-0.240985
-0.001406	-0.593931	-14.326845		
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< MOVING LOAD >				
1020				
FRAME ELEMENT INTERNAL FORCES				
COMB DL-G2-2 ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	5.127162	94.013261		0.433030
0.012485	0.363476	214.362323		
0.17199	5.127162	94.013261		0.433030
0.012485	0.070441	203.239655		
0.34397	5.127162	94.013261		0.433030
0.012485	0.156217	193.111704		
0.51596	5.127162	94.013261		0.433030
0.012485	0.360890	225.349223		
0.68794	5.127162	94.013261		0.433030
0.012485	0.569351	278.398299		
COMB DL-G2-2 ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-7.630738	-81.333898		-0.315073
-0.013581	-0.307595	-0.014401		
0.17199	-7.630738	-81.333898		-0.315073
-0.013581	-0.095240	-2.234928		
0.34397	-7.630738	-81.333898		-0.315073
-0.013581	-0.256481	-5.819107		
0.51596	-7.630738	-81.333898		-0.315073
-0.013581	-0.541065	-30.268415		
0.68794	-7.630738	-81.333898		-0.315073
-0.013581	-0.836007	-92.429334		
COMB DL-G2-3 ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	0.958559	140.781010		0.591354
0.013476	0.495555	251.424181		
0.17199	0.958559	140.781010		0.591354
0.013476	0.093746	209.136121		
0.34397	0.958559	140.781010		0.591354
0.013476	0.226497	191.165382		
0.51596	0.958559	140.781010		0.591354
0.013476	0.521490	218.857394		
0.68794	0.958559	140.781010		0.591354
0.013476	0.820282	268.072509		
COMB DL-G2-3 ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-8.184998	-81.333898		-0.454918
-0.015460	-0.424481	-0.632610		
0.17199	-8.184998	-81.333898		-0.454918
-0.015460	-0.118114	-42.396983		
0.34397	-8.184998	-81.333898		-0.454918
-0.015460	-0.342050	-82.251184		
0.51596	-8.184998	-81.333898		-0.454918
-0.015460	-0.735948	-151.559411		
0.68794	-8.184998	-81.333898		-0.454918
-0.015460	-1.139971	-258.608341		
COMB DESIGN ----- MAX				
REL_DIST	M2	P	M3	V2
0.00000	12.472371	166.903540		0.591354
0.013476	0.495555	251.424181		
0.17199	12.472371	166.903540		0.591354
0.013476	0.093746	209.136121		
0.34397	0.958559	140.781010		0.591354
0.013476	0.226497	191.165382		
0.51596	0.958559	140.781010		0.591354
0.013476	0.521490	218.857394		
0.68794	0.958559	140.781010		0.591354
0.013476	0.820282	268.072509		
COMB DL-G2-3 ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-8.184998	-81.333898		-0.454918
-0.015460	-0.424481	-0.632610		
0.17199	-8.184998	-81.333898		-0.454918
-0.015460	-0.118114	-42.396983		
0.34397	-8.184998	-81.333898		-0.454918
-0.015460	-0.342050	-82.251184		
0.51596	-8.184998	-81.333898		-0.454918
-0.015460	-0.735948	-151.559411		
0.68794	-8.184998	-81.333898		-0.454918
-0.015460	-1.139971	-258.608341		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	12.472371	166.903540		0.591354
0.013476	0.495555	251.424181		
0.17199	12.472371	166.903540		0.591354
0.013476	0.093746	209.136121		
0.34397	0.958559	140.781010		0.591354
0.013476	0.226497	191.165382		
0.51596	0.958559	140.781010		0.591354
0.013476	0.521490	218.857394		
0.68794	0.958559	140.781010		0.591354
0.013476	0.820282	268.072509		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-8.184998	-81.333898		-0.454918
-0.015460	-0.424481	-0.632610		
0.17199	-8.184998	-81.333898		-0.454918
-0.015460	-0.118114	-42.396983		
0.34397	-8.184998	-81.333898		-0.454918
-0.015460	-0.342050	-82.251184		
0.51596	-8.184998	-81.333898		-0.454918
-0.015460	-0.735948	-151.559411		
0.68794	-8.184998	-81.333898		-0.454918
-0.015460	-1.139971	-258.608341		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	12.472371	166.903540		0.591354
0.013476	0.495555	251.424181		
0.17199	12.472371	166.903540		0.591354
0.013476	0.093746	209.136121		
0.34397	0.958559	140.781010		0.591354
0.013476	0.226497	191.165382		
0.51596	0.958559	140.781010		0.591354
0.013476	0.521490	218.857394		
0.68794	0.958559	140.781010		0.591354
0.013476	0.820282	268.072509		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-8.184998	-81.333898		-0.454918
-0.015460	-0.424481	-0.632610		
0.17199	-8.184998	-81.333898		-0.454918
-0.015460	-0.118114	-42.396983		
0.34397	-8.184998	-81.333898		-0.454918
-0.015460	-0.342050	-82.251184		
0.51596	-8.184998	-81.333898		-0.454918
-0.015460	-0.735948	-151.559411		
0.68794	-8.184998	-81.333898		-0.454918
-0.015460	-1.139971	-258.608341		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	12.472371	166.903540		0.591354
0.013476	0.495555	251.424181		
0.17199	12.472371	166.903540		0.591354
0.013476	0.093746	209.136121		
0.34397	0.958559	140.781010		0.591354
0.013476	0.226497	191.165382		
0.51596	0.958559	140.781010		0.591354
0.013476	0.521490	218.857394		
0.68794	0.958559	140.781010		0.591354
0.013476	0.820282	268.072509		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-8.184998	-81.333898		-0.454918
-0.015460	-0.424481	-0.632610		
0.17199	-8.184998	-81.333898		-0.454918
-0.015460	-0.118114	-42.396983		
0.34397	-8.184998	-81.333898		-0.454918
-0.015460	-0.342050	-82.251184		
0.51596	-8.184998	-81.333898		-0.454918
-0.015460	-0.735948	-151.559411		
0.68794	-8.184998	-81.333898		-0.454918
-0.015460	-1.139971	-258.608341		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	12.472371	166.903540		0.591354
0.013476	0.495555	251.424181		
0.17199	12.472371	166.903540		0.591354
0.013476	0.093746	209.136121		
0.34397	0.958559	140.781010		0.591354
0.013476	0.226497	191.165382		
0.51596	0.958559	140.781010		0.591354
0.013476	0.521490	218.857394		
0.68794	0.958559	140.781010		0.591354
0.013476	0.820282	268.072509		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	M3	V2
0.00000	-8.184998	-81.333898		-0.454918
-0.015460	-0.424481	-0.632610		
0.17199	-8.184998	-81.333898		-0.454918
-0.015460	-0.118114	-42.396983		
0.34397	-8.184998	-81.333898		-0.454918
-0.015460	-0.342050	-82.251184		
0.51596	-8.184998	-81.333898		-0.454918
-0.015460	-0.			

0.82804	-8.950017	-139.764347	-0.505626
-0.013495	-0.134338	-5.420267	
1.00000	-8.95017	-139.764347	-0.505626
-0.013495	-0.510263	-0.001310	
COMB DL-G2-1 ----- MAX			
REL_DIST	M2	P	V2
0.31215	0.682307	2.918460	0.253078
0.000876	0.488484	9.024328	
0.48411	0.682307	2.918460	0.253078
0.000876	0.314234	7.036715	
0.65608	0.682307	2.918460	0.253078
0.000876	0.140197	5.060373	
0.82804	0.682307	2.918460	0.253078
0.000876	0.040402	3.128227	
1.00000	0.682307	2.918460	0.253078
0.000876	0.194296	1.386628	

COMB DL-G2-1 ----- MIN			
REL_DIST	M2	P	V2
T	M2	P	V2
0.31215	-5.065598	-56.866630	-0.227897
-0.000858	-0.433909	-166.350461	
0.48411	-5.065598	-56.866630	-0.227897
-0.000858	-0.276907	-127.206490	
0.65608	-5.065598	-56.866630	-0.227897
-0.000858	-0.119920	-88.088870	
0.82804	-5.065598	-56.866630	-0.227897
-0.000858	-0.039447	-48.993404	
1.00000	-5.065598	-56.866630	-0.227897
-0.000858	-0.209536	-10.039992	

COMB DL-G2-2 ----- MAX			
REL_DIST	M2	P	V2
0.31215	1.410666	13.618053	0.369276
0.013055	0.669812	81.569449	
0.48411	1.410666	13.618053	0.369276
0.013055	0.427023	75.242758	
0.65608	1.410666	13.618053	0.369276
0.013055	0.180141	89.655548	
0.82804	1.410666	13.618053	0.369276
0.013055	0.060128	146.735788	
1.00000	1.410666	13.618053	0.369276
0.013055	0.268343	213.006097	

COMB DL-G2-2 ----- MIN			
REL_DIST	M2	P	V2
T	M2	P	V2
0.31215	-10.828122	-163.126954	-0.309475
-0.013015	-0.594423	-273.684449	
0.48411	-10.828122	-163.126954	-0.309475
-0.013015	-0.381794	-164.018144	
0.65608	-10.828122	-163.126954	-0.309475
-0.013015	-0.178605	-92.413919	
0.82804	-10.828122	-163.126954	-0.309475
-0.013015	-0.100071	-41.067747	
1.00000	-10.828122	-163.126954	-0.309475
-0.013015	-0.348660	-0.003511	

COMB DL-G2-3 ----- MAX			
REL_DIST	M2	P	V2
0.31215	5.057061	63.319668	0.535783
0.013362	0.983544	255.719587	
0.48411	5.057061	63.319668	0.535783
0.013362	0.626303	215.297026	
0.65608	5.057061	63.319668	0.535783
0.013362	0.274003	195.212972	
0.82804	5.057061	63.319668	0.535783
0.013362	0.081723	218.973321	
1.00000	5.057061	63.319668	0.535783
0.013362	0.041985	249.889105	
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COMB DL-G2-3 ----- MIN			
REL_DIST	M2	P	V2
0.31215	-10.575938	-156.220793	-0.475568
-0.013302	-0.919587	-254.489206	
0.48411	-10.575938	-156.220793	-0.475568
-0.013302	-0.592835	-149.755058	
0.65608	-10.575938	-156.220793	-0.475568
-0.013302	-0.276289	-83.247572	
0.82804	-10.575938	-156.220793	-0.475568
-0.013302	-0.132917	-37.334163	
1.00000	-10.575938	-156.220793	-0.475568
-0.013302	-0.493830	-0.003594	

COMB DB ----- MAX			
REL_DIST	M2	P	V2
T	M2	P	V2
0.31215	7.674033	79.774753	0.369853
0.015090	0.705393	254.129531	
0.48411	7.674033	79.774753	0.369853
0.015090	0.450916	201.184745	
0.65608	7.674033	79.774753	0.369853
0.015090	0.196386	169.203173	
0.82804	7.674033	79.774753	0.369853
0.015090	0.064630	196.060884	
1.00000	7.674033	79.774753	0.369853
0.015090	0.313059	239.832642	

COMB DB ----- MIN			
REL_DIST	M2	P	V2
T	M2	P	V2
0.31215	-12.282779	-169.572620	-0.361455
-0.015090	-0.682518	-262.787629	
0.48411	-12.282779	-169.572620	-0.361455
-0.015090	-0.437503	-152.753802	
0.65608	-12.282779	-169.572620	-0.361455
-0.015090	-0.276289	-83.247572	
0.82804	-12.282779	-169.572620	-0.361455
-0.015090	-0.099991	-42.784569	
1.00000	-12.282779	-169.572620	-0.361455
-0.015090	-0.353480	-8.038635	

COMB DL ----- MAX			
REL_DIST	M2	P	V2
T	M2	P	V2
0.31215	6.875646	86.648237	0.552476
0.013482	0.682396	218.973321	
0.48411	6.875646	86.648237	0.552476
0.013482	0.642568	239.868904	
0.65608	6.875646	86.648237	0.552476
0.013482	0.277687	203.957849	
0.82804	6.875646	86.648237	0.552476
0.013482	0.032396	218.973321	
1.00000	6.875646	86.648237	0.552476
0.013482	0.425896	251.575682	

COMB DL ----- MIN			

REL_DIST	M2	P	V2
0.31215	-10.828122	-163.126954	-0.505626
-0.013495	-0.978348	-273.684449	
0.48411	-10.828122	-163.126954	-0.505626
-0.013495	-0.630506	-164.018144	
0.65608	-10.828122	-163.126954	-0.505626
-0.013495	-0.292760	-92.413919	
0.82804	-10.828122	-163.126954	-0.505626
-0.013495	-0.134338	-48.993404	
1.00000	-10.828122	-163.126954	-0.505626
-0.013495	-0.510263	-10.039992	

COMB CAR ----- MAX			
REL_DIST	M2	P	V2
0.31215	7.674033	86.648237	0.552476
0.015090	1.011329	296.496924	
0.48411	7.674033	86.648237	0.552476
0.015090	0.642568	239.868904	0.552476
0.65608	7.674033	86.648237	0.552476
0.015090	0.277687	203.957849	
0.82804	7.674033	86.648237	0.552476
0.015090	0.082396	218.973321	
1.00000	7.674033	86.648237	0.552476
0.015090	0.425896	251.575682	
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COMB CAR ----- MIN			
REL_DIST	M2	P	V2
0.31215	-12.282779	-169.572620	-0.505626
-0.015090	-0.978348	-273.684449	
0.48411	-12.282779	-169.572620	-0.505626
-0.015090	-0.630506	-164.018144	
0.65608	-12.282779	-169.572620	-0.505626
-0.015090	-0.292760	-92.413919	
0.82804	-12.282779	-169.572620	-0.505626
-0.015090	-0.134338	-48.993404	
1.00000	-12.282779	-169.572620	-0.505626
-0.015090	-0.510263	-10.039992	

COMB DESIGN ----- MAX			
REL_DIST	M2	P	V2
0.31215	7.674033	86.648237	0.552476
0.015090	1.011329	296.496924	
0.48411	7.674033	86.648237	0.552476
0.015090	0.642568	239.868904	0.552476
0.65608	7.674033	86.648237	0.552476
0.015090	0.277687	203.957849	
0.82804	7.674033	86.648237	0.552476
0.015090	0.082396	218.973321	
1.00000	7.674033	86.648237	0.552476
0.015090	0.425896	251.575682	

COMB DESIGN ----- MIN			
REL_DIST	M2	P	V2
0.31215	-12.282779	-169.572620	-0.505626
-0.015090	-0.978348	-273.684449	
0.48411	-12.282779	-169.572620	-0.505626
-0.015090	-0.630506	-164.018144	
0.65608	-12.282779	-169.572620	-0.505626
-0.015090	-0.292760	-92.413919	
0.82804	-12.282779	-169.572620	-0.505626
-0.015090	-0.134338	-48.993404	
1.00000	-12.282779	-169.572620	-0.505626
-0.015090	-0.510263	-10.039992	

ELEM	168	=====	LENGTH =
4.005442			
COMB DB-G1-1 ----- MAX			
REL_DIST	M2	P	V2
T	M2	P	V2
0.000000	5.569513	50.831141	0.208234
0.000966	0.176107	0.986878	
0.17198	5.569513	50.831141	0.208234
0.000966	0.032550	2.053718	
0.34396	5.569513	50.831141	0.208234
0.000966	0.106514	3.616192	
0.51594	5.569513	50.831141	0.208234
0.000966	0.244487	5.240080	
0.68792	5.569513	50.831141	0.208234
0.000966	0.382469	6.881752	

COMB DB-G1-1 ----- MIN			
REL_DIST	M2	P	V2
0.000000	-0.681331	-2.393140	-0.200305
-0.000966	-0.169441	-4.880785	
0.17198	-0.681331	-2.393140	-0.200305
-0.000966	-0.031486	-39.828448	
0.34396	-0.681331	-2.393140	-0.200305
-0.000966	-0.110751	-74.782171	
0.51594	-0.681331	-2.393140	-0.200305
-0.000966	-0.254207	-109.750684	
0.68792	-0.681331	-2.393140	-0.200305
-0.000966	-0.397651	-144.752114	

COMB DB-G1-2 ----- MAX			
REL_DIST	M2	P	V2
T	M2	P	V2
0.000000	12.047490	170.098836	0.282704
0.014299	0.238277	211.378891	
0.17198	12.047490	170.098836	0.282704
0.014299	0.051156	132.771541	
0.34396	12.047490	170.098836	0.282704
0.014299	0.139802	64.958127	
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COMB DB-G1-2 ----- MIN			
REL_DIST	M2	P	V2
0.000000	-1.391105	-12.205258	-0.301002
-0.014272	-0.296768	-0.004927	
0.17198	-1.391105	-12.205258	-0.301002
-0.014272	-0.089471	-35.941381	
0.34396	-1.391105	-12.205258	-0.301002

-0.014272	-0.151216	-83.206673	
0.51594	-1.391105	-12.205258	-0.301002
-0.014272	-0.345666	-150.201648	
0.68792	-1.391105	-12.205258	-0.301002
-0.014272	-0.540657	-261.148505	
COMB DB-G1-3 ----- MAX			
REL_DIST	M2	P	M3
			V2
			V3
0.00000	11.81253	165.536094	
0.014956	0.312735	239.514119	0.370755
0.17198	0.112539	165.536094	0.370765
0.014956	0.065058	193.142712	
0.34396	0.112539	165.536094	0.370765
0.014956	0.184166	155.632554	0.370765
0.51594	0.112539	165.536094	0.370765
0.014956	0.428299	173.346662	
0.68792	11.81253	165.536094	0.370765

-0.012882	-0.440140	-24.318007	
0.68792	-0.171866	-86.279484	
-0.012882	-0.684645	-84.405816	
COMB DL-G2-3 ----- MAX			
REL_DIST	M2	M3	V2
T	8.743296	120.207407	
0.013526	0.437239	249.908836	0.518090
0.17198	8.743296	140.207407	0.518090
0.013526	0.087742	209.746568	
0.34396	-0.761344	140.207407	0.518090
0.013526	0.244076	194.547410	
0.51594	8.743296	140.207407	0.518090
0.013526	0.576822	224.440933	
0.68792	8.743296	140.207407	0.518090
0.013526	0.927638	275.494053	
COMB DL-G2-3 ----- MIN			
REL_DIST	M2	M3	V2
T	-6.848979	-79.284455	
-0.013475	-0.483655	-0.000000	-0.511706
-0.17198	-6.848979	-79.284455	-0.511706
-0.013475	-0.134278	-3.590489	
0.34396	-6.848979	-79.284455	-0.511706
-0.013475	-0.288134	-35.467783	
0.51594	-6.848979	-79.284455	-0.511706
-0.013475	-0.638728	-90.689262	
0.68792	-6.848979	-79.284455	-0.511706
-0.013475	-0.994926	-184.243373	
COMB DB ----- MAX			
REL_DIST	M2	M3	V2
T	12.047490	170.098836	
0.015127	0.312735	239.514119	0.370765
0.17198	12.047490	170.098836	0.370765
0.015127	0.065058	193.142712	
0.34396	12.047490	170.098836	0.370765
0.015127	0.184168	164.462894	
0.51594	12.047490	170.098836	0.370765
0.015127	0.429239	196.473375	
0.68792	12.047490	170.098836	0.370765
0.015127	0.693792	249.021863	
COMB DB ----- MIN			
REL_DIST	M2	M3	V2
T	-7.861344	-79.239624	
-0.015102	-0.369216	-8.015626	-0.385421
-0.17198	-7.861344	-79.239624	-0.385421
-0.015102	-0.103655	-39.828448	
0.34396	-7.861344	-79.239624	-0.385421
-0.015102	-0.198011	-83.206673	
0.51594	-7.861344	-79.239624	-0.385421
-0.015102	-0.453496	-150.201648	
0.68792	-7.861344	-79.239624	-0.385421
-0.015102	-0.7140871	-261.144585	
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< MOVING Page 1032 LOAD >			
FRAME ELEMENT INTERNAL FORCES			
COMB DL ----- MAX			
REL_DIST	M2	M3	V2
T	10.561533	163.503546	
0.013526	0.446347	251.592147	0.529551
0.17198	10.561533	163.503546	0.529551
0.013526	0.087742	209.746568	
0.34396	10.561533	163.503546	0.529551
0.013526	0.262074	198.864399	
0.51594	10.561533	163.503546	0.529551
0.013526	0.613124	234.640520	
0.68792	10.561533	163.503546	0.529551
0.013526	0.982597	291.061427	
COMB DL ----- MIN			
REL_DIST	M2	M3	V2
T	-7.101866	-86.279484	
-0.013475	-0.503524	-10.011356	-0.538517
-0.17198	-7.101866	-86.279484	-0.538517
-0.013475	-0.136678	-45.122944	
0.34396	-7.101866	-86.279484	-0.538517
-0.013475	-0.293738	-88.123408	
0.51594	-7.101866	-86.279484	-0.538517
-0.013475	-0.653018	-160.303139	
0.68792	-7.101866	-86.279484	-0.538517
-0.013475	-1.016893	-270.288785	
COMB CAR ----- MAX			
REL_DIST	M2	M3	V2
T	12.047490	170.098836	
0.015127	0.446347	251.592147	0.529551
0.17198	12.047490	170.098836	0.529551
0.015127	0.089660	216.323857	
0.34396	12.047490	170.098836	0.529551
0.015127	0.262074	198.864399	
0.51594	12.047490	170.098836	0.529551
0.015127	0.613124	234.640520	
0.68792	12.047490	170.098836	0.529551
0.015127	0.982597	291.061427	
COMB CAR ----- MIN			
REL_DIST	M2	M3	V2
T	-7.861344	-86.279484	
-0.015102	-0.503524	-10.011356	-0.538517
0.17198	-7.861344	-86.279484	-0.538517
-0.015102	-0.136678	-45.122944	
0.34396	-7.861344	-86.279484	-0.538517
-0.015102	-0.293738	-88.123408	
0.51594	-7.861344	-86.279484	-0.538517
-0.015102	-0.653018	-160.303139	
0.68792	-7.861344	-86.279484	-0.538517
-0.015102	-1.016893	-270.288785	
COMB DESIGN ----- MAX			
REL_DIST	M2	M3	V2
T	12.047490	170.098836	
0.015127	0.446347	251.592147	0.529551
0.17198	12.047490	170.098836	0.529551
0.015127	0.089660	216.323857	
0.34396	12.047490	170.098836	0.529551
0.015127	0.262074	198.864399	
0.51594	12.047490	170.098836	0.529551
0.015127	0.613124	234.640520	
0.68792	12.047490	170.098836	0.529551
0.015127	0.982597	291.061427	
COMB DESIGN ----- MIN			
REL_DIST	M2	M3	V2
T	-7.861344	-86.279484	
-0.015102	-0.503524	-10.011356	-0.538517
0.17198	-7.861344	-86.279484	-0.538517
-0.015102	-0.136678	-45.122944	
0.34396	-7.861344	-86.279484	-0.538517
-0.015102	-0.293738	-88.123408	
0.51594	-7.861344	-86.279484	-0.538517
-0.015102	-0.653018	-160.303139	
0.68792	-7.861344	-86.279484	-0.538517
-0.015102	-1.016893	-270.288785	

T	M2	M3	
0.00000	-7.861344	-86.279484	-0.538517
-0.015102	-0.503524	-10.011356	
0.17198	-7.861344	-86.279484	-0.538517
-0.015102	-0.136678	-45.122944	
0.34396	-7.861344	-86.279484	-0.538517
-0.015102	-0.293738	-88.123408	
0.51594	-7.861344	-86.279484	-0.538517
-0.015102	-0.653018	-160.303139	
0.68792	-7.861344	-86.279484	-0.538517
-0.015102	-1.016893	-270.288785	
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FRAME ELEMENT INTERNAL FORCES			
ELEM	169	LENGTH =	4.005203
COMB DB-G1-1 ----- MAX			
REL_DIST	M2	M3	V2
T	5.757690	51.865155	
0.000488	0.413026	138.175738	0.216058
0.48407	5.757690	51.865155	0.216058
0.000488	0.264205	102.488967	
0.55605	5.757690	51.865155	0.216058
0.000488	0.115364	66.829707	
0.82802	5.757690	51.865155	0.216058
0.000488	0.031572	31.217783	
1.00000	5.757690	51.865155	0.216058
0.000488	0.171653	1.000382	
COMB DB-G1-1 ----- MIN			
REL_DIST	M2	M3	V2
T	-0.710650	-1.444928	
-0.001411	-0.365659	-3.446226	-0.203338
0.48407	-0.710650	-1.444928	-0.203338
-0.001411	-0.248508	-2.460117	
0.65605	-0.710650	-1.444928	-0.203338
-0.001411	-0.108454	-1.508613	
0.82802	-0.710650	-1.444928	-0.203338
-0.001411	-0.033322	-1.090546	
1.00000	-0.710650	-1.444928	-0.203338
-0.001411	-0.182260	-4.966146	
COMB DB-G1-2 ----- MAX			
REL_DIST	M2	M3	V2
T	7.895373	80.713069	
0.013559	0.575386	258.353137	0.301144
0.48407	7.895373	80.713069	0.301144
0.013559	0.367960	204.764416	
0.65605	7.895373	80.713069	0.301144
0.013559	0.160513	171.630243	
0.82802	7.895373	80.713069	0.301144
0.013559	0.057284	192.160069	
1.00000	7.895373	80.713069	0.301144
0.013559	0.277563	212.879794	
COMB DB-G1-2 ----- MIN			
REL_DIST	M2	M3	V2
T	-5.825232	-101.901617	
-0.014597	-0.603139	-82.983489	-0.319664
0.48407	-5.825232	-101.901617	-0.319664
-0.014597	-0.386321	-19.914201	
0.65605	-5.825232	-101.901617	-0.319664
-0.014597	-0.182195	-0.561572	
0.82802	-5.825232	-101.901617	-0.319664
-0.014597	-0.081573	-0.190180	
1.00000	-5.825232	-101.901617	-0.319664
-0.014597	-0.270165	-0.000763	
COMB DB-G1-3 ----- MAX			
REL_DIST	M2	M3	V2
T	7.569548	73.360992	
0.014890	0.734040	241.283586	0.384237
0.48407	7.569548	73.360992	0.384237
0.014890	0.469381	192.887361	
0.65605	7.569548	73.360992	0.384237
0.014890	0.204630	166.459947	
0.82802	7.569548	73.360992	0.384237
0.014890	0.069657	196.706141	
1.00000	7.569548	73.360992	0.384237
0.014890	0.344471	241.443536	
COMB DB-G1-3 ----- MIN			
REL_DIST	M2	M3	V2
T	-10.202292	-150.827007	
-0.015198	-0.754011	-187.559062	-0.398706
0.48407	-10.202292	-150.827007	-0.398706
-0.015198	-0.482823	-90.967404	
0.65605	-10.202292	-150.827007	-0.398706
-0.015198	-0.224697	-39.046108	
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	M3	V2
T	-10.202292	-150.827007	
-0.015198	-0.095328	-6.502017	-0.398706
1.00000	-10.202292	-150.827007	-0.398706
-0.015198	-0.340791	-0.001039	
COMB DB-G2-1 ----- MAX			
REL_DIST	M2	M3	V2
T	0.728049	1.417906	
0.001451	0.351781	4.649132	0.184150
0.48407	0.728049	1.417906	0.184150
0.001451	0.224945	3.684948	
0.65605	0.728049	1.417906	0.184150
0.001451	0.098084	2.741956	
0.82802	0.728049	1.417906	0.184150
0.001451	0.026582	1.856995	
1.00000	0.728049	1.417906	0.184150
0.001451	0.143951	1.048189	
COMB DB-G2-1 ----- MIN			
REL_DIST	M2	M3	V2
T	-5.860491	-51.409957	
-0.000407	-0.325481	-149.617723	-0.170384
0.48407	-5.860491	-51.409957	-0.170384
-0.000407	-0.208123	-114.216704	
0.65605	-5.860491	-51.409957	-0.170384
-0.000407	-0.090874	-78.853574	

0.82802	-5.860491	-51.409957	-0.170384
-0.000407	-0.028663	-43.509049	
1.00000	-5.860491	-51.409957	-0.170384
-0.000407	-0.155584	-8.217446	
COMB DB-G2-2 ----- MAX			
REL_DIST	M2	M3	V2
T	M2	M3	V3
0.31209	1.444168	11.302201	0.258626
0.014868	0.493841	56.357160	
0.48407	1.444168	11.302201	0.258626
0.014868	0.315710	50.584287	
0.65605	1.444168	11.302201	0.258626
0.014868	0.315738	56.617143	
0.82802	1.444168	11.302201	0.258626
0.014868	0.050980	134.346456	
1.00000	1.444168	11.302201	0.258626
0.014868	0.242122	209.076164	
COMB DB-G2-2 ----- MIN			
REL_DIST	M2	M3	V2
T	M2	M3	V3
0.31209	-12.380013	-170.503999	-0.277529
-0.013630	-0.522526	-264.612164	
0.48407	-12.380013	-170.503999	-0.277529
-0.013630	-0.334722	-154.280282	
0.65605	-12.380013	-170.503999	-0.277529
-0.013630	-0.156969	-87.648225	
0.82802	-12.380013	-170.503999	-0.277529
-0.013630	-0.075329	-39.941240	
1.00000	-12.380013	-170.503999	-0.277529
-0.013630	-0.234560	-0.002980	
COMB DB-G2-3 ----- MAX			
REL_DIST	M2	M3	V2
T	M2	M3	V3
0.31209	5.733409	58.936751	0.373572
0.015119	0.713513	215.842339	
0.48407	5.733409	58.936751	0.373572
0.015119	0.456212	177.306721	
0.65605	5.733409	58.936751	0.373572
0.015119	0.198842	159.870254	
0.82802	5.733409	58.936751	0.373572
0.015119	0.067790	197.484227	
1.00000	5.733409	58.936751	0.373572
0.015119	0.333784	239.972809	
COMB DB-G2-3 ----- MIN			
REL_DIST	M2	M3	V2
T	M2	M3	V3
0.31209	-12.129220	-165.240955	-0.385949
-0.014577	-0.729642	-246.475599	
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F R A M E E L E M E N T I N T E R N A L			
REL_DIST	M2	M3	V2
T	M2	M3	V3
0.48407	-12.129220	-165.240955	-0.385949
-0.014577	-0.467218	-140.128149	
0.65605	-12.129220	-165.240955	-0.385949
-0.014577	-0.21784	-78.487177	
0.82802	-12.129220	-165.240955	-0.385949
-0.014577	-0.093847	-36.189694	
1.00000	-12.129220	-165.240955	-0.385949
-0.014577	-0.331930	-0.002666	
COMB DL-G1-I ----- MAX			
REL_DIST	M2	M3	V2
T	M2	M3	V3
0.31209	5.036097	56.730929	0.310216
0.000411	0.591425	150.687909	
0.48407	5.036097	56.730929	0.310216
0.000411	0.377751	111.651645	
0.65605	5.036097	56.730929	0.310216
0.000411	0.164244	72.669308	
0.82802	5.036097	56.730929	0.310216
0.000411	0.052046	33.724272	
0.000000	5.036097	56.730929	0.310216
0.000411	0.300130	1.312123	
COMB DL-G1-I ----- MIN			
REL_DIST	M2	M3	V2
T	M2	M3	V3
0.31209	-0.579025	-1.610267	-0.363700
-0.001389	-0.702537	-3.939991	
0.48407	-0.579025	-1.610267	-0.363700
-0.001389	-0.452047	-3.034543	
0.65605	-0.579025	-1.610267	-0.363700
-0.001389	-0.017332	-2.190602	
0.82802	-0.579025	-1.610267	-0.363700
-0.001389	-0.049278	-1.659520	
1.00000	-0.579025	-1.610267	-0.363700
-0.001389	-0.261493	-6.361842	
COMB DL-G1-2 ----- MAX			
REL_DIST	M2	M3	V2
T	M2	M3	V3
0.31209	0.713555	85.563705	0.444545
0.012391	0.042691	294.168454	
0.48407	0.713555	85.563705	0.444545
0.012391	0.538140	238.150574	
0.65605	0.713555	85.253705	0.444545
0.012391	0.233056	202.442580	
0.82802	0.713555	85.253705	0.444545
0.012391	0.076776	209.054264	
1.00000	0.713555	85.253705	0.444545
0.012391	0.448547	215.931760	
COMB DL-G1-2 ----- MIN			
REL_DIST	M2	M3	V2
T	M2	M3	V3
0.31209	-5.044317	-89.176750	-0.540554
-0.013418	-1.047379	-79.557775	
0.48407	-5.044317	-89.176750	-0.540554
-0.013418	-0.678678	-20.857722	
0.65605	-5.044317	-89.176750	-0.540554
-0.013418	-0.318379	-6.643746	
0.82802	-5.044317	-89.176750	-0.540554
-0.013418	-0.110923	-0.193554	
1.00000	-5.044317	-89.176750	-0.540554
-0.013418	-0.442116	-0.000658	
COMB DL-G1-3 ----- MAX			
REL_DIST	M2	M3	V2
T	M2	M3	V3
0.31209	6.713781	78.584521	0.552323
0.013379	1.046396	278.006515	
0.48407	6.713781	78.584521	0.552323
0.013379	0.696337	227.443574	
0.65605	6.713781	78.584521	0.552323
0.013379	0.290471	197.858116	
0.82802	6.713781	78.584521	0.552323
0.013379	0.012442	212.723292	
1.00000	6.713781	78.584521	0.552323
0.013379	0.553264	250.015657	

1.00000 -12.380013 -170.503999 -0.398706
-0.015198 -0.340791 -8.217446

COMB	DL	MAX			
REL_DIST	T	P	V2	V3	
0.31209	M2	M3			
0.013756	7.013555	86.253705		0.552323	
0.48407	1.048536	294.416842		0.552323	
0.013756	7.013555	86.253705		0.552323	
0.65605	0.669637	238.150674		0.552323	
0.013756	7.013555	86.253705		0.552323	
0.82802	0.290471	202.442580		0.552323	
0.013756	7.013555	86.253705		0.552323	
1.00000	0.101242	217.386013		0.552323	
0.013756	7.013555	86.253705		0.552323	
	0.553264	250.015657			

COMB	DL ----- MIN				
REL_DIST	T	P	V2	V3	
0.31209	-10.812329	-162.701281			-0.662420
-0.013656	-1.279054	-272.136602			
0.48407	-10.812329	-162.701281			-0.662420
-0.013656	-0.828012	-162.803624			
0.65605	-10.812329	-162.701281			-0.662420
-0.013656	-0.382260	-91.955197			
0.82802	-10.812329	-162.701281			-0.662420
-0.013656	-0.128533	-48.842790			
1.00000	-10.812329	-162.701281			-0.662420
-0.013656	-0.503841	-10.061706			

COMB	CAR	-----				MAX
REL_DIST	T	P	M2	M3	V2	V3
0.31209			7.895373	86.253705		0.552323
0.015119			1.048536	294.416842		
0.48407			7.895373	86.253705		0.552323
0.015119			0.669637	238.150674		
0.65605			7.895373	86.253705		0.552323
0.015119			2.90471	202.442580		0.552323
0.82802			7.895373	86.253705		0.552323
0.015119			0.101242	217.386013		
0.015119			0.553264	250.015657		0.552323
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FRAME	ELEMENT	INTERNAL	FORCES	

COMB	CAR	----- MIN				
REL_DIST	T	M2	P	M3	V2	V3
0.31209	-12.380013	-170.503999				-0.662420
-0.015198	-1.273054	-272.136602				
0.48407	-12.380013	-170.503999				-0.662420
-0.015198	-0.828012	-162.803624				
0.65605	-12.380013	-170.503999				-0.662420
-0.015198	-0.382260	-91.955197				
0.82802	-12.380013	-170.503999				-0.662420
-0.015198	-0.128533	-48.842790				
1.00000	-12.380013	-170.503999				-0.662420
-0.015198	-0.503841	-10.061706				

COMB	DESIGN	----- MAX				
REL_DIST	T	P	V2	V3		
0.31209	7.895373	86.253705		0.552323		
0.015119	1.048536	294.416842				
0.48407	7.895373	86.253705		0.552323		
0.015119	0.669637	238.150674				
0.65605	7.895373	86.253705		0.552323		
0.015119	0.290471	202.442580				
0.82802	7.895373	86.253705		0.552323		
0.015119	0.101242	217.386013				
1.00000	7.895373	86.253705		0.552323		
0.015119	0.553264	250.015657				

COMB	DESIGN	----- MIN				
REL_DIST	T	P	M2	M3	V2	V3
0.31209	-12.380013		-170.503999			-0.662420
-0.015198	-1.279054		-272.136602			
0.48407	-12.380013		-170.503999			-0.662420
-0.015198	-0.828012		-152.803624			
0.65605	-12.380013		-170.503999			-0.662420
-0.015198	-0.382260		-91.955197			
0.82802	-12.380013		-170.503999			-0.662420
-0.015198	-0.128533		-48.842790			
1.00000	-12.380013		-170.503999			-0.662420
-0.015198	-0.503841		-10.061706			

ELEM	170	=====	LENGTH =			
4.005203						
COMB	DB-G1-1	-----	MAX			
REL_DIST	T	M2	P	M3	V2	V3
0.00000		5.715897		51.536965		0.216264
0.000420		0.182895		1.000594		
0.17198		5.715897		51.536965		0.216264
0.000420		0.033768		1.536953		
0.34395		5.715897		51.536965		0.216264
0.000420		0.108082		2.376673		
0.51593		5.715897		51.536965		0.216264
0.000420		0.248119		3.308273		
0.68791		5.715897		51.536965		0.216264
0.000420		0.388164		4.261378		

COMB DB-G1-1				----- MIN		
REL_DIST	T	P	M2	M3	V2	V3
0.00000	-0.717132		-1.387485			-0.203318
-0.001406	-0.717132		-4.946353			-0.203318
0.17198	-0.717132		-1.387485			-0.203318
-0.001406	-0.032197		-40.376216			-0.203318
0.34395	-0.717132		-1.387485			-0.203318
-0.001406	-0.114992		-75.815217			-0.203318
0.51593	-0.717132		-1.387485			-0.203318
-0.001406	-0.263975		-111.270761			-0.203318
0.68791	-0.717132		-1.387485			-0.203318
-0.001406	-0.412937		-146.759253			-0.203318

COMB DB-G1-2		----- MAX			
REL_DIST	T	M2	M3	V2	V3
0.00000	12.317259	170.984181			0.302252
0.013686	0.255195	212.564181			
0.17198	12.317259	170.984181			0.302252
0.013686	0.050191	133.783446			
0.34395	12.317259	170.984181			0.302252
0.013686	0.161964	64.847472			
Program	SAP2000	Nonlinear	Version	7.42	
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FRAME FORCES		ELEMENT		INTERNAL	
REL	DIST	P	V2	V3	
T	M2	M3			
0.51593	12.317259	170.984181			0.302252
0.013686	0.377116	49.905614			
0.68791	12.317259	170.984181			0.302252
0.013686	0.613152	55.178216			

COMB DB-G1-2				MIN		
REL	T	M2	P	M3	V2	V3
0.00000	-1.395636			-11.037369		-0.342689
-0.014748	-0.331906			-0.005315		-0.342689
0.17198	-1.395636			-11.037369		-0.342689
-0.014748	-0.095821			-36.350314		-0.342689
0.34395	-1.395636			-11.037369		-0.342689
-0.014748	-0.161137			-84.213117		-0.342689
0.51593	-1.395636			-11.037369		-0.342689
-0.014748	-0.369362			-151.371967		-0.342689
0.68791	-1.395636			-11.037369		-0.342689
-0.014748	-0.577548			-262.516504		-0.342689

COMB DB-G1-3-----					MAX
REL_DIST	T	M2	M3	V2	V3
0.00000	12.089596	165.705241			0.385196
0.014686	0.325386	241.134218			
0.17198	12.089596	165.705241			0.385196
0.014686	0.063267	194.867228			
0.34395	12.089596	165.705241			0.385196
0.014686	0.203841	156.924686			
0.51593	12.089596	165.705241			0.385196
0.014686	0.473337	174.193622			
0.68791	12.089596	165.705241			0.385196
0.014686	0.764269	212.222195			

COMB	DB-G1-3	----- MIN				
REL_DIST	T	M2	P	M3	V2	V3
0.00000	-5.718551	-58.456919				-0.422387
-0.015004	-0.400387	-0.005120				-0.422387
0.17198	-5.718551	-58.456919				-0.422387
-0.015004	-0.116211	-32.980233				-0.422387
0.34395	-5.718551	-58.456919				-0.422387
-0.015004	-0.205135	-75.414845				-0.422387
0.51593	-5.718551	-58.456919				-0.422387
-0.015004	-0.470562	-137.570450				-0.422387
0.68791	-5.718551	-58.456919				-0.422387
-0.015004	-0.735879	-244.680415				-0.422387

COMB DB-G2-1 -----				MAX		
REL	DIST	P		V2		V3
T	M2	M3				
0.00000	0.720510	1.475583				0.184029
0.001496	0.155710	1.039797				0.184029
0.17198	0.720510	1.475583				0.184029
0.001496	0.028871	27.968624				0.184029
0.34395	0.720510	1.475583				0.184029
0.001496	0.090481	63.496257				0.184029
0.51593	0.720510	1.475583				0.184029
0.001496	0.207894	99.069001				0.184029
0.17198	0.720510	1.475583				0.184029
0.001496	0.325306	134.673865				0.184029

COMB DB-G2-1 -----				MIN		
REL_DIST	T	M2	P	M3	V2	V3
0.00000	-5.903324			-51.744502		-0.170458
-0.000489	-0.144333			-8.198938		
0.17198	-5.903324			-51.744502		-0.170458
-0.000489	-0.026911			-1.096222		
0.34395	-5.903324			-51.744502		-0.170458
-0.000489	-0.097763			-1.376909		
0.51593	-5.903324			-51.744502		-0.170458
-0.000489	-0.224534			-2.259655		
0.68791	-5.903324			-51.744502		-0.170458
-0.000489	-0.351293			-3.258184		

COMB DB-G2-2 ----- MAX						
REL_DIST	T	M2	P	M3	V2	V3
0.00000		5.916083		102.179248		0.259421
0.014753		0.219143		208.759563		
Program	SAP2000	Nonlinear	Version	7.42		
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FRAME	ELEMENT	INTERNAL	FORCES			

FRAME		ELEMENT		INTERNAL	
FORCES					
REL	DIST	P	V2	V3	
T	M2	M3			
0.17198	5.916083	102.179248			0.259421
0.014753	0.043713	187.748481			
0.34395	5.916083	102.179248			0.259421
0.014753	0.139539	166.863753			
0.51593	5.916083	102.179248			0.259421
0.014753	0.325656	199.973308			
0.68791	5.916083	102.179248			0.259421
0.014753	0.532760	253.189059			

0.015004 -1.053093 -268.312594										0.002051 0.344013 3.322672										0.014293 -0.387020 -0.005425										0.015705 0.484614 198.792616									
COMB DESIGN ----- MAX										0.48408 0.518697 0.875667										0.82803 -4.958178 -88.538486										0.65605 8.700950 77.063839									
REL DIST M2 P M3 V2 V3										0.002051 0.219799 2.721719										-0.014293 -0.110469 0.00000										0.015705 0.211193 168.664964									
0.00000 12.317259 170.984181 0.551660										0.65605 0.518697 0.875667										0.00000 -4.958178 -88.538486										0.82803 8.700950 77.063839									
0.015366 0.463875 250.033746										0.002051 0.095933 2.137365										-0.014293 -0.423621 -0.002375										0.015705 0.076626 199.946651									
0.17198 12.317259 170.984181 0.551660										0.52803 0.518697 0.875667										COMB DL-G1-3 ----- MAX										0.10000 8.700950 77.063839									
0.015366 0.090611 214.761735										0.002051 0.027023 1.595955										REL DIST M2 P M3 V2 V3										COMB DB ----- MIN									
0.34395 12.317259 170.984181										COMB DB-G2-1 ----- MIN										0.31211 7.262406 71.230945 0.580557										REL DIST M2 P M3 V2 V3									
0.015366 0.340636 197.367833										REL DIST M2 P M3 V2 V3										0.013513 1.106496 257.183559										0.31211 -13.345744 -166.584899 -0.451200									
0.51593 12.317259 170.984181										0.31211 -6.619820 -47.772668 -0.164640										0.48408 7.262406 71.230945 0.580557										-0.015541 -0.356786 -250.897908									
0.015366 0.807931 232.974587										0.48408 -6.619820 -47.772668 -0.164640										0.65605 7.262406 71.230945 0.580557										0.48408 -13.345744 -166.584899 -0.451200									
0.68791 12.317259 170.984181										0.002051 -0.201308 -106.520604 -0.164640										0.013513 0.306593 188.419326 0.580557										-0.015541 -0.550492 -144.186369									
0.015366 1.291369 289.080338										0.65605 -6.619820 -47.772668 -0.164640										0.82803 7.262406 71.230945 0.580557										0.65605 -13.345744 -166.584899 -0.451200									
COMB DESIGN ----- MIN										-2.06E-05 -0.087925 -73.759091 -0.164640										Program SAP2000 Nonlinear Version 7.42										-0.015541 -0.092693 -40.910989									
REL DIST M2 P M3 V2 V3										0.82803 -6.619820 -47.772668 -0.164640										File:2교부산방합S1-S403.OUT										1.00000 -13.345744 -166.584899 -0.451200									
0.00000 -8.003211 -85.977340 -0.702481										-2.06E-05 -0.028026 -40.910989 -0.164640										< MOVING Page LOAD >										COMB DL ----- MAX									
-0.015004 -8.044691 -10.040145										COMB DB-G2-2 ----- MAX										REL DIST M2 P M3 V2 V3										REL DIST M2 P M3 V2 V3									
0.68791 -8.003211 -85.977340 -0.702481										REL DIST M2 P M3 V2 V3										0.31211 7.262406 71.230945 0.580557										0.014678 1.106436 270.697059									
-0.015004 -0.292924 -87.453591										0.31211 1.172882 11.206917 0.261535										COMB DL-G1-3 ----- MIN										0.48408 7.262406 71.230945 0.580557									
0.51593 -8.003211 -85.977340 -0.702481										0.48408 0.319341 53.108535 0.261535										REL DIST M2 P M3 V2 V3										0.014678 0.706232 220.155770									
-0.015004 -0.673091 -158.752039										0.65605 1.172882 11.206917 0.261535										0.65605 7.262406 71.230945 0.580557										0.65605 7.262406 71.230945 0.580557									
0.015004 -0.020293 -268.312594										0.015689 0.139153 68.368301 0.261535										0.014678 0.125687 213.556094										0.014678 0.696019 249.019720									
Program SAP2000 Nonlinear Version 7.42										0.015689 0.027282 137.153278 0.261535										COMB DL ----- MIN										COMB DL ----- MAX									
File:2교부산방합S1-S403.OUT										1.00000 1.172882 11.206917 0.261535										COMB DB-G2-2 ----- MIN										COMB DL ----- MIN									
< MOVING Page LOAD >										0.015689 0.266603 212.117032										REL DIST M2 P M3 V2 V3										REL DIST M2 P M3 V2 V3									
FRAME ELEMENT INTERNAL FORCES										COMB DB-G2-2 ----- MIN										0.31211 -13.345744 -166.584899 -0.306553										0.31211 7.262406 71.230945 0.580557									
ELEM 171 ===== LENGTH = 4.005006										REL DIST M2 P M3 V2 V3										0.48408 -0.579125 -250.897908 -0.306553										0.014678 1.106436 270.697059									
COMB DB-G1-1 ----- MAX										0.48408 -13.345744 -166.584899 -0.306553										COMB DL-G2-1 ----- MAX										0.48408 7.262406 71.230945 0.580557									
REL DIST M2 P M3 V2 V3										0.65605 -13.345744 -166.584899 -0.306553										REL DIST M2 P M3 V2 V3										0.65605 7.262406 71.230945 0.580557									
0.31211 6.460008 48.140409 0.222666										-0.013100 -0.372376 -144.186369 -0.306553																													
3.26E-05 0.425441 127.919136 0.222666										0.013100 -0.174108 -81.369415 -0.306553																													
0.48408 6.460008 48.140409 0.222666										0.82803 -13.345744 -166.584899 -0.306553																													
3.26E-05 0.272079 94.811068 0.222666										-0.013100 -0.071219 -36.456539 -0.306553																													
0.65605 6.460008 48.140409 0.222666										1.00000 -13.345744 -166.584899 -0.306553																													
3.26E-05 0.118705 61.744703 0.222666										-0.013100 -0.221026 -0.001667																													
0.82803 6.460008 48.140409 0.222666										COMB DB-G2-3 ----- MAX																													
3.26E-05 0.032043 28.759096 0.222666										REL DIST M2 P M3 V2 V3																													
1.00000 6.460008 48.140409 0.222666										0.31211 5.898606 57.057506 0.382277																													
3.26E-05 0.174233 1.035965										0.015705 0.730094 213.361807 0.382277																													
COMB DB-G1-1 ----- MIN										0.48408 5.898606 57.057506 0.382277																													
REL DIST M2 P M3 V2 V3										0.015705 0.466801 176.818735 0.382277																													
0.31211 -0.534160 -0.924324 -0.206385										0.65605 5.898606 57.057506 0.382277																													
-0.001930 -0.394359 -0.300846 -0.206385										0.015705 0.203427 161.030715 0.382277																													
0.48408 -0.534160 -0.924324 -0.206385										0.015705 5.898606 57.057506 0.382277																													
-0.001930 -0.252125 -2.389935 -0.206385										0.015705 0.074707 199.946561 0.382277																													
0.65605 -0.534160 -0.924324 -0.206385										1.00000 5.898606 57.057506 0.382277																													
-0.001930 -0.110070 -1.804434 -0.206385										0.015705 0.361813 244.062196 0.382277																													
0.82803 -0.534160 -0.924324 -0.206385										COMB DB-G2-3 ----- MIN																													
-0.001930 -0.034469 -1.525722 -0.206385										REL DIST M2 P M3 V2 V3																													
-0.001930 -0.924324 -4.970323 -0.206385										0.31211 -12.905912 -161.519913 -0.421906																													
COMB DB-G1-2 ----- MAX										-0.014426 -0.807073 -233.946614																													
REL DIST M2 P M3 V2 V3										Program SAP2000 Nonlinear Version 7.42																													
0.31211 8.700950 77.063839 0.317845										File:2교부산방합S1-S403.OUT																													
0.013183 0.607115 249.210014 0.317845										< MOVING Page LOAD >																													
0.48408 8.700950 77.063839 0.317845										0.48408 1.149596 11.937378 0.358041																													
0.013183 0.388187 198.792616 0.317845										0.48408 1.149596 11.937378 0.358041																													
0.65605 8.700950 77.063839 0.317845										0.014678 0.435969 69.661263 0.358041																													
0.013183 0.169223 168.664964 0.317845										0.65605 1.149596 11.937378 0.358041																													
0.82803 8.700950 77.063839 0.317845										0.014678 0.189805 85.926207 0.358041																													
0.013183 0.063657 192.062973 0.317845										0.82803 1.149596 11.937378 0.358041																													
1.00000 8.700950 77.063839 0.317845										0.014678 0.094903 144.458381 0.358041																													
0.013183 0.311254 215.769979										1.00000 1.149596 11.937378 0.358041																													
COMB DB-G1-2 ----- MIN										0.014678 0.464192 211.119651																													
REL DIST M2 P M3 V2 V3										COMB DL-G2-2 ----- MAX																													
0.31211 -5.671768 -101.466643 -0.359445										REL DIST M2 P M3 V2 V3																													
-0.015274 -0.690151 -79.786961 -0.359445										0.31211 1.149596 11.937378 0.358041																													
0.48408 -0.534160 -0.924324 -0.359445										0.014678 0.682492 74.316048 0.358041																													
-0.015274 -4.369892 -17.954320 -0.359445										0.48408 1.149596 11.937378 0.358041																													
0.65605 -5.671768 -101.466643 -0.359445										0.014678 0.435969 69.661263 0.358041																													
-0.015274 -0.202304 -0.010340 -0.359445										0.65605 1.149596 11.937378 0.358041																													
0.82803 -5.671768 -101.466643 -0.359445										0.014678 0.189805 85.926207 0.358041																													
-0.015274 -0.079698 0.00000 -0.359445										0.82803 1.149596 11.937378 0.358041																													
-0.015274 -5.671768 -101.466643 -0.359445										1.00000 1.149596 11.937378 0.358041																													
-0.015274 -0.268516 -0.002345										0.014678 0.464192 211.119651																													
COMB DB-G1-3 ----- MAX										COMB DL-G2-2 ----- MIN																													
REL DIST M2 P M3 V2 V3										REL DIST M2 P M3 V2 V3																													
0.31211 8.153893 69.920126 0.396816										0.31211 -12.905912 -161.519913 -0.421906																													
0.014923 0.757933 234.570412 0.396816										-0.014426 -0.807073 -233.946614																													
0.48408 8.153893 69.920126 0.396816										Program SAP2000 Nonlinear Version 7.42																													
0.014923 0.484614 189.182691 0.396816										File:2교부산방합S1-S403.OUT																													
0.014923 0.153893 69.920126 0.396816										< MOVING Page LOAD >																													
0.82803 8.153893 69.920126 0.396816										0.48408 1.149596 11.937378 0.358041																													
0.014923 0.076626 198.511757 0.396816										0.48408 1.149596 11.937378 0.358041																													
1.00000 8.153893 69.920126 0.396816										0.014678 0.435969 69.661263 0.358041																													
0.014923 0.387458 245.469310										0.65605 1.149596 11.937378 0.358041																													
COMB DB-G1-3 ----- MIN										0.014678 0.189805 85.926207 0.358041																													
REL DIST M2 P M3 V2 V3										0.82803 1.149596 11.937378 0.358041																													
0.31211 -10.563197 -148.629641 -0.451200										1.00000 1.149596 11.937378 0.358041																													
-0.015541 -0.924324 -4.970323 -0.451200										0.014678 0.464192 211.119651																													
0.48408 -10.563197 -148.629641 -0.451200										COMB DL-G2-3 ----- MAX																													
-0.015541 -0.550492 -84.223209 -0.451200										REL DIST M2 P M3 V2 V3																													
0.65605 -10.563197 -148.629641 -0.451200										0.31211 5.282820 57.537818 0.549564																													
-0.015541 -0.252910 -34.938361 -0.451200										0.014397 1.047200 237.664828 0.549564																													
Program SAP2000 Nonlinear Version 7.42										0.48408 5.282820 57.537818 0.549564																													
File:2교부산방합S1-S403.OUT										0.014397 0.666005 201.563169 0.549564																													
< MOVING Page LOAD >										0.65605 5.282820 57.537818 0.549564																													
FRAME ELEMENT INTERNAL FORCES										0.014397 0.290551 186.444962 0.549564																													
REL DIST M2 P M3 V2 V3										0.82803 5.282820 57.537818 0.549564																													
0.82803 -10.563197 -148.629641 -0.451200										0.014397 0.124739 213.556094 0.549564																													
-0.015541 -0.924324 -4.970323 -0.451200										0.014397 0.290551 186.444962 0.549564																													
0.48408 -10.563197 -148.629641 -0.451200										1.00000 5.282820 57.537818 0.549564																													
-0.015541 -0.550492 -84.223209 -0.451200										0.014397 0.666005 201.563169 0.549564																													
0.65605 -10.563197 -148.629641 -0.451200										Program SAP2000 Nonlinear Version 7.42																													
-0.015541 -0.252910 -34.938361 -0.451200										File:2교부산방합S1-S403.OUT																													
COMB DB-G1-1 ----- MAX										COMB DL-G2-3 ----- MIN																													
REL DIST M2 P M3 V2 V3										REL DIST M2 P M3 V2 V3																													
0.31211 8.700950 77.063839 0.396816										0.31211 7.262406 71.230945 0.580557																													
0.015705 0.757933 249.210014 0.396816										0.013513 1.106496 257.183559 0.580557																													
0.48408 8.700950 77.063839 0.396816										0.48408 7.262406 71.230945 0.580557																													
0.015705 0.211193 168.664964 0.396816										0.65605 7.262406 71.230945 0.580557																													
0.82803 8.700950 77.063839 0.396816										0.013513 0.306593 188.419326 0.580557																													
0.015705 0.076626 199.946651 0.396816										0.82803 7.262406 71.230945 0.580557																													
1.00000 8.700950 77.063839 0.396816										0.013513 0.696019 249.019720 0.580557																													
COMB DB-G1-2 ----- MIN										Program SAP2000 Nonlinear Version 7.42																													
REL DIST M2 P M3 V2 V3										File:2교부산방합S1-S403.OUT																													
0.31211 7.749192 78.477563 0.580557										REL DIST M2 P M3 V2 V3																													
0.012026 0.904531 270.697059 0.580557										0.31211 -13.345744 -166.584899 -0.451200																													
0.48408 7.749192 78.477563 0.580557										-0.015541 -0.356786 -250.897908																													
0.012026 0.577161 220.155770 0.580557										0.48408 -13.345744 -166.584899 -0.451200																													
0.65605 7.749192 78.477563 0.580557										-0.015541 -0.550492 -144.186369																													
0.012026 0.250269 190.471209 0.580557										0.65605 -13.345744 -166.584899 -0.451200																													
0.82803 7.749192 78.477563 0.580557										-0.015541 -0.092693 -40.910989																													
0.012026 0.100338 202.837250 0.580557										1.00000 -13.345744 -166.584899 -0.451200																													
1.00000 7.749192 78.477563 0.580557										-0.015541 -0.335263 -8.127819																													
0.012026 0.558618 215.239556 0.580557										COMB DB-G1-1 ----- MAX																													
REL DIST M2 P M3 V2 V3										REL DIST M2 P M3 V2 V3																													
0.31211 7.749192 78.477563 0.580557										0.31211 7.749192 78.477563 0.580557																													
0.012026 0.904531 270.697059 0.580557										0.014678 1.106436 270.697059 0.580557																													
0.48408 7.749192 78.477563 0.580557										0.48408 7.749192 78.477563 0.580557																													
0.012026 0.577161 220.155770 0.580557										0.65605 7.749192 78.477563 0.580557																													
0.65605 7.749192 78.477563 0.580557										0.65605 7.749192 78.477563 0.580557																													
0.012026 0.250269 190.471209 0.580557										0.8280																													

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F R A M E F O R C E S		E L E M E N T		I N T E R N A L	
REL_DIST	P	M2	M3	V2	V3
0.82803	-10.935269	-146.142596			-0.551708
-0.016973	-0.092350	-0.417028			
1.00000	-10.935269	-146.142596			-0.551708
-0.016973	-0.342796	-0.026680			
COMB DB-G2-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.31212	0.499684	3.891095		0.176600	
0.002857	0.337644	10.123652			
0.48409	0.499684	3.891095		0.176600	
0.002857	0.216017	7.455075			
0.65606	0.499684	3.891095		0.176600	
0.002857	0.094379	4.822456			
0.82803	0.499684	3.891095		0.176600	
0.002857	0.033325	2.294909			
1.00000	0.499684	3.891095		0.176600	
0.002857	0.176059	1.158004			
COMB DB-G2-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.31212	-7.235722	-35.920638		-0.207126	
-0.000199	-0.394580	-107.489435			
0.48409	-7.235722	-35.920638		-0.207126	
-0.000199	-0.251934	-82.772359			
0.65606	-7.235722	-35.920638		-0.207126	
-0.000199	-0.109297	-58.090446			
0.82803	-7.235722	-35.920638		-0.207126	
-0.000199	-0.027193	-33.420561			
1.00000	-7.235722	-35.920638		-0.207126	
-0.000199	-0.148647	-8.855781			
COMB DB-G2-2 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.31212	1.218157	17.867419		0.263593	
0.017651	0.503808	66.751195			
0.48409	1.218157	17.867419		0.263593	
0.017651	0.322304	58.684095		0.263593	
0.65606	1.218157	17.867419		0.263593	
0.017651	0.140765	76.192125			
0.82803	1.218157	17.867419		0.263593	
0.017651	0.070731	143.613045		0.263593	
1.00000	1.218157	17.867419		0.263593	
0.017651	0.351527	218.377812			
COMB DB-G2-2 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.31212	-14.088208	-154.480393		-0.407425	
-0.014080	-0.780122	-211.801443			
0.48409	-14.088208	-154.480393		-0.407425	
-0.014080	-0.501412	-113.849595			
0.65606	-14.088208	-154.480393		-0.407425	
-0.014080	-0.226696	-62.445966			
0.82803	-14.088208	-154.480393		-0.407425	
-0.014080	-0.069811	-27.098295			
1.00000	-14.088208	-154.480393		-0.407425	
-0.014080	-0.222336	-0.020945			
COMB DB-G2-3 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.31212	6.463447	57.377819		0.388924	
0.017587	0.743338	205.304030			
0.48409	6.463447	57.377819		0.388924	
0.017587	0.475494	170.126962		0.388924	
0.65606	6.463447	57.377819		0.388924	
0.017587	0.207629	161.088502			
0.82803	6.463447	57.377819		0.388924	
0.017587	0.009121	203.099177		0.388924	
1.00000	6.463447	57.377819		0.388924	
0.017587	0.466612	251.250054			
COMB DB-G2-3 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.31212	-13.544757	-152.478053		-0.550280	
-0.015794	-1.059251	-199.023017			
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REL_DIST	P	M2	M3	V2	V3
0.48409	-13.544757	-152.478053			-0.550280
-0.015794	-0.622204	-103.710146			
0.65606	-13.544757	-152.478053			-0.550280
-0.015794	-0.309432	-56.036841			
0.82803	-13.544757	-152.478053			-0.550280
-0.015794	-0.089683	-24.771757			
1.00000	-13.544757	-152.478053			-0.550280
-0.015794	-0.328085	-0.026633			
COMB DL-G1-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.31212	5.943679	34.825343		0.335263	
3.96E-05	0.640132	90.326780			
0.48409	5.943679	34.825343		0.335263	
3.96E-05	0.408846	66.405235			
0.65606	5.943679	34.825343		0.335263	
3.96E-05	0.177927	42.550791			
0.82803	5.943679	34.825343		0.335263	
3.96E-05	0.071047	18.921612			
1.00000	5.943679	34.825343		0.335263	
3.96E-05	0.402867	1.266438			
COMB DL-G1-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.31212	-0.446786	-2.936893		-0.483811	
-0.003156	-0.930103	-8.077739			
0.48409	-0.446786	-2.936893		-0.483811	
-0.003156	-0.596865	-4.104501			
0.65606	-0.446786	-2.936893		-0.483811	
-0.003156	-0.263702	-4.247061			
0.82803	-0.446786	-2.936893		-0.483811	
-0.003156	-0.056035	-3.299427			
1.00000	-0.446786	-2.936893		-0.483811	
-0.003156	-0.281535	-6.850636			
COMB DL-G1-2 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.31212	5.069681	54.767976		0.568089	
0.016033	1.084131	219.971135			
0.48409	5.069681	54.767976		0.568089	
0.016033	0.692709	185.547449		0.568089	
0.65606	5.069681	54.767976		0.568089	
0.016033	0.301438	173.695623			
0.82803	5.069681	54.767976		0.568089	
0.016033	0.148155	205.488716		0.568089	
1.00000	5.069681	54.767976		0.568089	
0.016033	0.818007	242.440886			
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F R A M E F O R C E S		E L E M E N T		I N T E R N A L	
REL_DIST	P	M2	M3	V2	V3
0.48409	-13.544757	-152.478053			-0.550280
-0.015794	-0.622204	-103.710146			
0.65606	-13.544757	-152.478053			-0.550280
-0.015794	-0.309432	-56.036841			
0.82803	-13.544757	-152.478053			-0.550280
-0.015794	-0.089683	-24.771757			
1.00000	-13.544757	-152.478053			-0.550280
-0.015794	-0.328085	-0.026633			
COMB DL-G1-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.31212	5.943679	34.825343		0.335263	
3.96E-05	0.640132	90.326780			
0.48409	5.943679	34.825343		0.335263	
3.96E-05	0.408846	66.405235			
0.65606	5.943679	34.825343		0.335263	
3.96E-05	0.177927	42.550791			
0.82803	5.943679	34.825343		0.335263	
3.96E-05	0.071047	18.921612			
1.00000	5.943679	34.825343		0.335263	
3.96E-05	0.402867	1.266438			
COMB DL-G1-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.31212	-0.446786	-2.936893		-0.483811	
-0.003156	-0.930103	-8.077739			
0.48409	-0.446786	-2.936893		-0.483811	
-0.003156	-0.596865	-4.104501			
0.65606	-0.446786	-2.936893		-0.483811	
-0.003156	-0.263702	-4.247061			
0.82803	-0.446786	-2.936893		-0.483811	
-0.003156	-0.056035	-3.299427			
1.00000	-0.446786	-2.936893		-0.483811	
-0.003156	-0.281535	-6.850636			
COMB DL-G1-2 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.31212	-0.446786	-2.936893		-0.483811	
-0.003156	-0.930103	-8.077739			
0.48409	-0.446786	-2.936893		-0.483811	
-0.003156	-0.596865	-4.104501			
0.65606	-0.446786	-2.936893		-0.483811	
-0.003156	-0.263702	-4.247061			
0.82803	-0.446786	-2.936893		-0.483811	
-0.003156	-0.056035	-3.299427			
1.00000	-0.446786	-2.936893		-0.483811	
-0.003156	-0.281535	-6.850636			
COMB DL-G1-2 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.31212	5.069681	54.767976		0.568089	
0.016033	1.084131	219.971135			
0.48409	5.069681	54.767976		0.568089	
0.016033	0.692709	185.547449		0.568089	
0.65606	5.069681	54.767976		0.568089	
0.016033	0.301438	173.695623			
0.82803	5.069681	54.767976		0.568089	
0.016033	0.148155	205.488716		0.568089	
1.00000	5.069681	54.767976		0.568089	
0.016033	0.818007	242.440886			
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F R A M E F O R C E S		E L E M E N T		I N T E R N A L	
REL_DIST	P	M2	M3	V2	V3
0.48409	-13.544757	-152.478053			-0.550280
-0.015794	-0.622204	-103.710146			
0.65606	-13.544757	-152.478053			-0.550280
-0.015794	-0.309432	-56.036841			
0.82803	-13.544757	-152.478053			-0.550280
-0.015794	-0.089683	-24.771757			
1.00000	-13.544757	-152.478053			-0.550280
-0.015794	-0.328085	-0.026633			
COMB DL-G1-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.31212	5.943679	34.825343		0.335263	
3.96E-05	0.640132	90.326780			
0.48409	5.943679	34.825343		0.335263	
3.96E-05	0.408846	66.405235			
0.65606	5.943679	34.825343		0.335263	
3.96E-05	0.177927	42.550791			
0.82803	5.943679	34.825343		0.335263	
3.96E-05	0.071047	18.921612			
1.00000	5.943679	34.825343		0.335263	
3.96E-05	0.402867	1.266438			
COMB DL-G1-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.31212	-0.446786	-2.936893		-0.483811	
-0.003156	-0.930103	-8.077739			
0.48409	-0.446786	-2.936893		-0.483811	
-0.003156	-0.596865	-4.104501			
0.65606	-0.446786	-2.936893		-0.483811	
-0.003156	-0.263702	-4.247061			
0.82803	-0.446786	-2.936893		-0.483811	
-0.003156	-0.056035	-3.299427			
1.00000	-0.446786	-2.936893		-0.483811	
-0.003156	-0.281535	-6.850636			
COMB DL-G1-2 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.31212	5.069681	54.767976		0.568089	
0.016033	1.084131	219.971135			
0.48409	5.069681	54.767976		0.568089	

COMB DL-G1-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	-2.069303	-16.987703		-0.563047	
-0.004577	-1.056506	-47.912170			
0.48409	-2.069303	-16.987703		-0.563047	
-0.004577	-0.686882	-36.283378			
0.65606	-2.069303	-16.987703		-0.563047	
-0.004577	-2.089425	-24.830358			
0.82803	-2.069303	-16.987703		-0.563047	
-0.004577	-0.064825	-13.711043			
1.00000	-2.069303	-16.987703		-0.563047	
-0.004577	-0.308914	-6.434606			

COMB DL-G1-2 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	3.782096	26.226827		0.533962	
0.014927	1.002057	119.793123			
0.48409	3.782096	26.226827		0.533962	
0.014927	0.633735	105.942055			
0.65606	3.782096	26.226827		0.533962	
0.014927	0.265944	115.121903			
0.82803	3.782096	26.226827		0.533962	
0.014927	0.183317	162.255111			
1.00000	3.782096	26.226827		0.533962	
0.014927	0.841255	212.557226			

COMB DL-G1-2 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	-6.829397	-106.728219		-0.949715	
-0.021640	-1.797830	-117.608828			
0.48409	-6.829397	-106.728219		-0.949715	
-0.021640	-1.436992	-47.076563			
0.65606	-6.829397	-106.728219		-0.949715	
-0.021640	-0.489814	-20.882782			
0.82803	-6.829397	-106.728219		-0.949715	
-0.021640	-0.135446	-8.328318			
1.00000	-6.829397	-106.728219		-0.949715	
-0.021640	-0.486555	-0.009281			

COMB DL-G1-3 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	4.729410	34.481289		0.641684	
0.017639	1.204718	153.266216			
0.48409	4.729410	34.481289		0.641684	
0.017639	0.762321	134.434507			
0.65606	4.729410	34.481289		0.641684	
0.017639	0.320511	139.856116			
0.82803	4.729410	34.481289		0.641684	
0.017639	0.227580	189.402896			
1.00000	4.729410	34.481289		0.641684	
0.017639	1.056532	245.283914			
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COMB DL-G1-3 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	-8.722979	-123.562093		-1.205205	
-0.021257	-2.866323	-138.871734			
0.48409	-8.722979	-123.562093		-1.205205	
-0.021257	-1.456432	-57.402443			
0.65606	-8.722979	-123.562093		-1.205205	
-0.021257	-0.626250	-21.350778			
0.82803	-8.722979	-123.562093		-1.205205	
-0.021257	-0.155737	-8.299188			
1.00000	-8.722979	-123.562093		-1.205205	
-0.021257	-0.581022	-0.008114			

COMB DL-G2-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	2.212259	19.110335		0.240570	
0.004254	0.452793	50.557630			
0.48409	2.212259	19.110335		0.240570	
0.004254	0.287162	37.462135			
0.65606	2.212259	19.110335		0.240570	
0.004254	0.121503	24.419748			
0.82803	2.212259	19.110335		0.240570	
0.004254	0.079354	11.481927			
1.00000	2.212259	19.110335		0.240570	
0.004254	0.394787	1.268433			

COMB DL-G2-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	-2.378724	-8.882467		-0.456894	
-0.000191	-0.864851	-30.048190			
0.48409	-2.378724	-8.882467		-0.456894	
-0.000191	-0.550190	-23.987481			
0.65606	-2.378724	-8.882467		-0.456894	
-0.000191	-0.235260	-18.009224			
0.82803	-2.378724	-8.882467		-0.456894	
-0.000191	-0.044487	-12.117824			
1.00000	-2.378724	-8.882467		-0.456894	
-0.000191	-0.210075	-8.435631			

COMB DL-G2-2 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	3.161568	29.761578		0.386547	
0.019997	0.726319	123.258123			
0.48409	3.161568	29.761578		0.386547	
0.019997	0.460096	106.979996			
0.65606	3.161568	29.761578		0.386547	
0.019997	0.194260	113.762264			
0.82803	3.161568	29.761578		0.386547	
0.019997	0.155130	158.695720			
1.00000	3.161568	29.761578		0.386547	
0.019997	0.714627	210.300437			

COMB DL-G2-2 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	-7.628248	-105.247479		-0.813880	
-0.016434	-1.550250	-109.777107			
0.48409	-7.628248	-105.247479		-0.813880	
-0.016434	-0.990033	-40.337589			
0.65606	-7.628248	-105.247479		-0.813880	
-0.016434	-0.429206	-15.277823			
0.82803	-7.628248	-105.247479		-0.813880	
-0.016434	-0.109263	-3.984963			
1.00000	-7.628248	-105.247479		-0.813880	
-0.016434	-0.358904	-0.001779			

COMB DL-G2-3 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	5.090653	46.924588		0.601099	
0.019461	1.128914	199.018630			

0.48409	5.090653	46.924588	0.601099	0.31212	-10.135036	-142.724273	-1.205205
0.019461	0.714524	171.235012		-0.022809	-2.866323	-141.768125	
0.65606	5.090653	46.924588	0.601099	0.48409	-10.135036	-142.724273	-1.205205
0.019461	0.300825	166.804508		-0.022809	-1.456432	-57.402443	
0.82803	5.090653	46.924588	0.601099	0.65606	-10.135036	-142.724273	-1.205205
0.019461	0.216192	201.734297		-0.022809	-0.626250	-24.830358	
1.00000	5.090653	46.924588	0.601099	0.82803	-10.135036	-142.724273	-1.205205
0.019461	1.017649	244.300193		-0.022809	-0.155737	-13.854028	
Program SAP2000 Nonlinear Version 7.42				1.00000	-10.135036	-142.724273	-1.205205
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-3 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	-8.464526	-112.074153		-1.165972	
-0.018995	-2.217246	-120.307300			
0.48409	-8.464526	-112.074153		-1.165972	
-0.018995	-1.414774	-46.562673			
0.65606	-8.464526	-112.074153		-1.165972	
-0.018995	-0.611350	-17.549336			
0.82803	-8.464526	-112.074153		-1.165972	
-0.018995	-0.148664	-3.913577			
1.00000	-8.464526	-112.074153		-1.165972	
-0.018995	-0.545827	-0.002192			

COMB DB ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	5.513790	47.739783		0.426913	
0.019997	0.802597	199.789670			
0.48409	5.513790	47.739783		0.426913	
0.019305	0.508804	175.060169			
0.65606	5.513790	47.739783		0.426913	
0.019305	0.214745	166.062645			
0.82803	5.513790	47.739783		0.426913	
0.019305	0.136193	211.132721			
1.00000	5.513790	47.739783		0.426913	
0.019305	0.600830	264.563457			

COMB DB ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	-10.135036	-142.724273		-0.677782	
-0.022809	-1.285919	-141.768125			
0.48409	-10.135036	-142.724273		-0.677782	
-0.022809	-0.820217	-55.323778			
0.65606	-10.135036	-142.724273		-0.677782	
-0.022809	-0.355137	-21.667478			
0.82803	-10.135036	-142.724273		-0.677782	
-0.022809	-0.110029	-13.854028			
1.00000	-10.135036	-142.724273		-0.677782	
-0.022809	-0.373187	-8.218169			

COMB DL ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.31212	5.090653	46.924588		0.641684	
0.019997	0.227580	199.789670			
0.48409	5.090653	46.924588		0.641684	
0.019997	0.762321	171.235012			
0.65606	5.090653	46.924588		0.641684	
0.019997	0.320511	166.804508			
0.82803	5.090653	46.924588		0.641684	
0.019997	0.227580	201.734297			
1.00000	5.090653	46.924588		0.641684	
0.019997	1.056532	245.283914			

COMB		DL		MIN	
REL_DIST	T	M2	P	M3	V2
0.31212	-8.722979	-123.562093			-1.205205
-0.021640	-2.866323	-138.871734			
0.48409	-8.722979	-123.562093			-1.205205
-0.021640	-1.456432	-57.402443			
0.65606	-8.722979	-123.562093			-1.205205
-0.021640	-0.626250	-24.830358			
0.82803	-8.722979	-123.562093			-1.205205
-0.021640	-0.155737	-13.711104			
1.00000	-8.722979	-123.562093			-1.205205
-0.021640	-0.581022	-8.435631			

COMB DL-G1-3 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-4.653087	-43.246510	-1.210522	
-0.019194	-1.106869	-0.011380		
0.17197	-4.653087	-43.246510	-1.210522	
-0.019194	-0.273810	-3.130470		
0.34394	-4.653087	-43.246510	-1.210522	
-0.019194	-0.320033	-12.480121		
0.51591	-4.653087	-43.246510	-1.210522	
-0.019194	-0.759465	-49.606757		
0.68788	-4.653087	-43.246510	-1.210522	
-0.019194	-1.199212	-125.078242		

COMB DL-G2-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	2.195754	19.352465	0.240478	
0.005012	0.210306	1.278106		
0.17197	2.195754	19.352465	0.240478	
0.005012	0.044785	2.964942	0.240478	
0.34394	2.195754	19.352465	0.240478	
0.005012	0.245688	7.654236		
0.51591	2.195754	19.352465	0.240478	
0.005012	0.577446	13.587301		
0.68788	2.195754	19.352465	0.240478	
0.005012	0.908874	19.717548		

COMB DL-G2-1 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-2.415628	-9.046342	-0.481264	
-0.000254	-0.418279	-8.444482		
0.17197	-2.415628	-9.046342	-0.481264	
-0.000254	-0.085904	-17.128414		
0.34394	-2.415628	-9.046342	-0.481264	
-0.000254	-0.121129	-29.501410		
0.51591	-2.415628	-9.046342	-0.481264	
-0.000254	-0.286724	-42.521089		
0.68788	-2.415628	-9.046342	-0.481264	
-0.000254	-0.452290	-55.757266		
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	6.999503	110.488877	0.385795	
0.022048	0.335904	210.239896		
0.17197	6.999503	110.488877	0.385795	
0.022048	0.071809	159.486563		
0.34394	6.999503	110.488877	0.385795	
0.022048	0.413744	111.500068		
0.51591	6.999503	110.488877	0.385795	
0.022048	0.996794	102.029358		
0.68788	6.999503	110.488877	0.385795	
0.022048	1.579092	114.370783		

COMB DL-G2-2 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-3.526087	-25.181913	-0.861630	
-0.015075	-0.205422	-11.086921		
0.17197	-3.526087	-25.181913	-0.861630	
-0.015075	-0.205422	-11.086921		
0.34394	-3.526087	-25.181913	-0.861630	
-0.015075	-0.194600	-25.809487		
0.51591	-3.526087	-25.181913	-0.861630	
-0.015075	-0.476118	-47.688899		
0.68788	-3.526087	-25.181913	-0.861630	
-0.015075	-0.726077	-127.688899		

COMB DL-G2-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	8.916417	127.238622	0.597866	
0.021625	0.519708	244.247259		
0.17197	8.916417	127.238622	0.597866	
0.021625	0.109606	186.433100		
0.34394	8.916417	127.238622	0.597866	
0.021625	0.579139	134.519029		
0.51591	8.916417	127.238622	0.597866	
0.021625	1.391380	127.507750		
0.68788	8.916417	127.238622	0.597866	
0.021625	2.202613	143.632743		

COMB DL-G2-3 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-4.386325	-31.788953	-1.194202	
-0.017599	-1.091895	-0.011380		
0.17197	-4.386325	-31.788953	-1.194202	
-0.017599	-0.269514	-10.443963		
0.34394	-4.386325	-31.788953	-1.194202	
-0.017599	-0.300843	-25.220564		
0.51591	-4.386325	-31.788953	-1.194202	
-0.017599	-0.712534	-69.086860		
0.68788	-4.386325	-31.788953	-1.194202	
-0.017599	-1.124939	-147.613520		

COMB DB ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	10.139267	145.910270	0.425211	
0.023111	0.371305	264.188137		
0.17197	10.139267	145.910270	0.425211	
0.023111	0.078235	208.485025		
0.34394	10.139267	145.910270	0.425211	
0.023111	0.336468	161.175148		
0.51591	10.139267	145.910270	0.425211	
0.023111	8.006997	167.894575		
0.68788	10.139267	145.910270	0.425211	
0.023111	1.266314	188.861061		

COMB DB ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-5.151039	-43.883535	-0.695982	
-0.018963	-0.653140	-8.216514		
0.17197	-5.151039	-43.883535	-0.695982	
-0.018963	-0.175806	-13.814800		
0.34394	-5.151039	-43.883535	-0.695982	
-0.018963	-0.214288	-25.049051		
0.51591	-5.151039	-43.883535	-0.695982	
-0.018963	-0.507201	-61.458982		
0.68788	-5.151039	-43.883535	-0.695982	
-0.018963	-0.800045	-150.754985		
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FRAME ELEMENT INTERNAL

FORCES				
COMB	DL			
REL_DIST	M2	M3	V2	V3
0.00000	8.916417	127.238622	0.637506	
0.022048	0.553732	245.227820		
0.17197	8.916417	127.238622	0.637506	
0.022048	0.116450	198.457463		
0.34394	8.916417	127.238622	0.637506	
0.022048	0.585766	160.894717		
0.51591	8.916417	127.238622	0.637506	
0.022048	1.408836	163.216964		
0.68788	8.916417	127.238622	0.637506	
0.022048	2.231590	187.680498		

COMB DL ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-4.653087	-43.246510	-1.210522	
-0.019605	-1.106869	-8.444482		
0.17197	-4.653087	-43.246510	-1.210522	
-0.019605	-0.273810	-17.128414		
0.34394	-4.653087	-43.246510	-1.210522	
-0.019605	-0.320033	-29.501410		
0.51591	-4.653087	-43.246510	-1.210522	
-0.019605	-0.759465	-63.858660		
0.68788	-4.653087	-43.246510	-1.210522	
-0.019605	-1.199212	-147.613520		

COMB CAR ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	10.139267	145.910270	0.637506	
0.023111	0.553732	264.188137		
0.17197	10.139267	145.910270	0.637506	
0.023111	0.116450	208.485025		
0.34394	10.139267	145.910270	0.637506	
0.023111	0.585766	161.175148		
0.51591	10.139267	145.910270	0.637506	
0.023111	1.408836	167.894575		
0.68788	10.139267	145.910270	0.637506	
0.023111	2.231590	188.861061		

COMB CAR ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-5.151039	-43.883535	-1.210522	
-0.019605	-1.106869	-8.444482		
0.17197	-5.151039	-43.883535	-1.210522	
-0.019605	-0.273810	-17.128414		
0.34394	-5.151039	-43.883535	-1.210522	
-0.019605	-0.320033	-29.501410		
0.51591	-5.151039	-43.883535	-1.210522	
-0.019605	-0.759465	-63.858660		
0.68788	-5.151039	-43.883535	-1.210522	
-0.019605	-1.199212	-150.754985		

COMB DESIGN ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	10.139267	145.910270	0.637506	
0.023111	0.553732	264.188137		
0.17197	10.139267	145.910270	0.637506	
0.023111	0.116450	208.485025		
0.34394	10.139267	145.910270	0.637506	
0.023111	0.585766	161.175148		
0.51591	10.139267	145.910270	0.637506	
0.023111	1.408836	167.894575		
0.68788	10.139267	145.910270	0.637506	
0.023111	2.231590	188.861061		

COMB DESIGN ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-5.151039	-43.883535	-1.210522	
-0.019605	-1.106869	-8.444482		
0.17197	-5.151039	-43.883535	-1.210522	
-0.019605	-0.273810	-17.128414		
0.34394	-5.151039	-43.883535	-1.210522	
-0.019605	-0.320033	-29.501410		
0.51591	-5.151039	-43.883535	-1.210522	
-0.019605	-0.759465	-63.858660		
0.68788	-5.151039	-43.883535	-1.210522	
-0.019605	-1.199212	-150.754985		
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FRAME ELEMENT INTERNAL FORCES

ELEM 177 ----- LENGTH = 4.004670				
COMB DB-G1-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.31214	0.426374	8.444790	0.191485	
0.046092	0.407061	23.862773		
0.48410	0.426374	8.444790	0.191485	
7.9E-05	0.275191	18.101395		
0.65607	0.426374	8.444790	0.191485	
7.9E-05	0.143309	12.393896		
0.82803	0.426374	8.444790	0.191485	
7.9E-05	0.011234	6.934057		
0.00000	0.426374	8.444790	0.191485	
7.9E-05	0.145053	2.482913		

COMB DB-G1-1 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.31214	-11.328384	-108.430060		-0.211685
-0.004725	-0.438816	-302.367377		
0.48410	-11.328384	-108.430060		-0.211685
-0.004725	-0.293159	-227.989012		
0.65607	-11.328384	-108.430060		-0.211685
-0.004725	-0.147558	-153.715146		
0.82803	-11.328384	-108.430060		-0.211685
-0.004725	-0.010816	-79.503217		
1.00000	-11.328384	-108.430060		-0.211685
-0.004725	-0.120376	-15.242460		

REL_DIST	P	M2	M3	V2	V3
0.31214	-4.585221	-88.499431			-0.709818
-0.008298	-1.518539	-58.196103			
0.48410	-4.585221	-88.499431			-0.709818
-0.008298	-1.033226	-33.210896			
0.65607	-4.585221	-88.499431			-0.709818
-0.008298	-0.547811	-21.725562			
-0.82803	-4.585221	-88.499431			-0.709818
-0.008298	-0.078131	-10.477733			
1.00000	-4.585221	-88.499431			-0.709818
-0.008298	-0.194097	-0.043951			

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

REL_DIST	P	M2	M3	V2	V3
0.31214	15.874946	186.254842			0.483421
0.046081	0.126934	680.816098			
0.48410	15.874946	186.254842			0.483421
0.046081	0.639464	561.611446			
0.65607	15.874946	186.254842			0.483421
0.046081	0.360586	464.320200			
0.82803	15.874946	186.254842			0.483421
0.046081	0.067884	391.458581			
1.00000	15.874946	186.254842			0.483421
0.046081	0.654874	345.934209			
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	P	M2	M3	V2	V3
0.31214	-12.039408	-163.844698			-1.001785
-0.011545	-2.131416	-227.944565			
0.48410	-12.039408	-163.844698			-1.001785
-0.011545	-1.445275	-161.682134			
0.65607	-12.039408	-163.844698			-1.001785
-0.011545	-0.758745	-89.726474			
0.82803	-12.039408	-163.844698			-1.001785
-0.011545	-0.089886	-30.815141			
1.00000	-12.039408	-163.844698			-1.001785
-0.011545	-0.302770	-0.073220			

COMB DB ----- MAX

REL_DIST	P	M2	M3	V2	V3
0.31214	14.060566	143.961484			0.342433
0.046278	0.728055	558.971681			
0.48410	14.060566	143.961484			0.342433
0.046278	0.492232	470.545993			
0.65607	14.060566	143.961484			0.342433
0.046278	0.256342	420.143398			
0.82803	14.060566	143.961484			0.342433
0.046278	0.060348	385.886647			
1.00000	14.060566	143.961484			0.342433
0.046278	0.407189	367.007305			

COMB DB ----- MIN

REL_DIST	P	M2	M3	V2	V3
0.31214	-16.976599	-208.174459			-0.582417
-0.014162	-1.241622	-348.510351			
0.48410	-16.976599	-208.174459			-0.582417
-0.014162	-0.843379	-246.919209			
0.65607	-16.976599	-208.174459			-0.582417
-0.014162	-0.445231	-160.522511			
0.82803	-16.976599	-208.174459			-0.582417
-0.014162	-0.064944	-79.503217			
1.00000	-16.976599	-208.174459			-0.582417
-0.014162	-0.215153	-16.388654			

COMB DL ----- MAX

REL_DIST	P	M2	M3	V2	V3
0.31214	16.413450	186.254842			0.516693
0.046930	1.096802	680.816098			
0.48410	16.413450	186.254842			0.516693
0.046930	0.740390	561.611446			
0.65607	16.413450	186.254842			0.516693
0.046930	0.384494	464.320200			
0.82803	16.413450	186.254842			0.516693
0.046930	0.070450	391.458581			
1.00000	16.413450	186.254842			0.516693
0.046930	0.689241	346.619938			

COMB DL ----- MIN

REL_DIST	P	M2	M3	V2	V3
0.31214	-18.886608	-239.251281			-1.030279
-0.014732	-2.175680	-443.187127			
0.48410	-18.886608	-239.251281			-1.030279
-0.014732	-1.469625	-317.586427			
0.65607	-18.886608	-239.251281			-1.030279
-0.014732	-0.763698	-205.566976			
0.82803	-18.886608	-239.251281			-1.030279
-0.014732	-0.089886	-106.966024			
1.00000	-18.886608	-239.251281			-1.030279
-0.014732	-0.323720	-14.882425			

COMB CAR ----- MAX

REL_DIST	P	M2	M3	V2	V3
0.31214	16.413450	186.254842			0.516693
0.046930	1.096802	680.816098			
0.48410	16.413450	186.254842			0.516693
0.046930	0.740390	561.611446			
0.65607	16.413450	186.254842			0.516693
0.046930	0.384494	464.320200			
0.82803	16.413450	186.254842			0.516693
0.046930	0.070450	391.458581			
1.00000	16.413450	186.254842			0.516693
0.046930	0.689241	367.007305			
Program	SAP2000	Nonlinear	Version	7.42	
File:	2교부산반활S1-S403.OUT				

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FRAME ELEMENT INTERNAL FORCES

COMB CAR ----- MIN

REL_DIST	P	M2	M3	V2	V3
0.31214	-18.886608	-239.251281			-1.030279
-0.014732	-2.175680	-443.187127			
0.48410	-18.886608	-239.251281			-1.030279
-0.014732	-1.469625	-317.586427			
0.65607	-18.886608	-239.251281			-1.030279
-0.014732	-0.763698	-205.566976			
0.82803	-18.886608	-239.251281			-1.030279
-0.014732	-0.089886	-106.966024			
1.00000	-18.886608	-239.251281			-1.030279
-0.014732	-0.323720	-16.388654			

COMB DESIGN ----- MAX

REL_DIST	P	M2	M3	V2	V3
0.31214	16.413450	186.254842			0.516693
0.046930	1.096802	680.816098			
0.48410	16.413450	186.254842			0.516693
0.046930	0.740390	561.611446			
0.65607	16.413450	186.254842			0.516693
0.046930	0.384494	464.320200			
0.82803	16.413450	186.254842			0.516693
0.046930	0.070450	391.458581			
1.00000	16.413450	186.254842			0.516693
0.046930	0.689241	367.007305			

COMB DESIGN ----- MIN

REL_DIST	P	M2	M3	V2	V3
0.31214	-18.886608	-239.251281			-1.030279
-0.014732	-2.175680	-443.187127			
0.48410	-18.886608	-239.251281			-1.030279
-0.014732	-1.469625	-317.586427			
0.65607	-18.886608	-239.251281			-1.030279
-0.014732	-0.763698	-205.566976			
0.82803	-18.886608	-239.251281			-1.030279
-0.014732	-0.089886	-106.966024			
1.00000	-18.886608	-239.251281			-1.030279
-0.014732	-0.323720	-16.388654			

ELEM 178 ----- LENGTH = 4.005666

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

REL_DIST	P	M2	M3	V2	V3
0.00000	0.381159	8.447131			0.189394
0.000313	0.118291	2.468698			
0.17199	0.381159	8.447131			0.189394
0.000313	0.018319	71.892164			
0.34397	0.381159	8.447131			0.189394
0.000313	0.141442	146.049332			
0.51596	0.381159	8.447131			0.189394
0.000313	0.270850	220.286042			
0.68794	0.381159	8.447131			0.189394
0.000313	0.400269	294.561630			

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

REL_DIST	P	M2	M3	V2	V3
0.00000	-11.208846	-107.897354			-0.187954
-0.005006	-0.117819	-15.244787			
0.17199	-11.208846	-107.897354			-0.187954
-0.005006	-0.012132	-5.990627			
-0.005006	-0.142648	-11.260103			
0.51596	-11.208846	-107.897354			-0.187954
-0.005006	-0.273138	-16.995375			
0.68794	-11.208846	-107.897354			-0.187954
-0.005006	-0.403615	-22.761059			

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

REL_DIST	P	M2	M3	V2	V3
0.00000	4.476908	86.663543			0.279652
0.009060	0.174189	294.536211			
0.17199	4.476908	86.663543			0.279652
0.009060	0.029213	311.810858			
0.34397	4.476908	86.663543			0.279652
0.009060	0.284371	343.922783			
Program	SAP2000	Nonlinear	Version	7.42	
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	P	M2	M3	V2	V3
0.51596	4.476908	86.663543			0.279652
0.009060	0.546659	387.336959			
0.68794	4.476908	86.663543			0.279652
0.009060	0.809154	468.389878			

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

REL_DIST	P	M2	M3	V2	V3
0.00000	-13.334107	-127.994222			-0.387751
-0.045663	-0.310156	-0.038012			
0.17199	-13.334107	-127.994222			-0.387751
-0.045663	-0.071554	-6.068522			
0.34397	-13.334107	-127.994222			-0.387751
-0.045663	-0.211019	-12.427517			
0.51596	-13.334107	-127.994222			-0.387751
-0.045663	-0.403748	-18.828087			
0.68794	-13.334107	-127.994222			-0.387751
-0.045663	-0.596404	-40.069069			

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

REL_DIST	P	M2	M3	V2	V3
0.00000	11.472763	155.379665			0.339444
0.012097	0.211885	367.000054			
0.17199	11.472763	155.379665			0.339444
0.012097	0.040509	380.036073			
0.34397	11.472763	155.379665			0.339444
0.012097	0.409260	407.462782			
0.51596	11.472763	155.379665			0.339444
0.012097	0.785316	447.804452			
0.68794	11.472763	155.379665			0.339444
0.012097	1.161635	526.613763			

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

0.51596	-12.75965	-132.327261		-0.55326	
-0.046064	-0.489595	-132.633993			
0.68794	-12.75965	-132.327261		-0.55326	
-0.046064	-0.723444	-199.959602			
COMB DB-G2-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000	11.93644	116.665213		0.142380	
0.005004	0.089478	2.512493			
0.17199	11.93644	116.665213		0.142380	
0.005004	0.089478	2.512493			

REL_DIST	M2	M3	V2	V3
0.00000	-13.334107	-132.327261		-0.579790
-0.046064	-0.492768	-0.989626		
0.17199	-13.334107	-132.327261		-0.579790
-0.046064	-0.081396	-86.966593		
0.34397	-13.334107	-132.327261		-0.579790
-0.046064	-0.256551	-177.152422		
0.51596	-13.334107	-132.327261		-0.579790
-0.046064	-0.492768	-279.536773		
0.68794	-13.334107	-132.327261		-0.579790
-0.046064	-0.723444	-378.766189		
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방향S1-S403.OUT				
COMB DB-G1-2				
REL_DIST	M2	M3	V2	V3
0.00000	-0.270725	-156.028960		-0.249704
-0.002017	-0.633224	-0.163171		
0.25000	-1.501419	-101.835182		-0.249704
-0.002017	-0.367898	-9.961029		
0.50000	-2.616724	-59.295971		-0.249704
-0.002017	-0.104822	-19.922628		
0.75000	-3.458343	-24.850008		-0.249704
-0.002017	-0.160601	-29.884136		
1.00000	-4.214510	-3.971192		-0.249704
-0.002017	-0.331842	-119.143599		
COMB DB-G1-3				
REL_DIST	M2	M3	V2	V3
0.00000	4.119122	9.048930		0.184834
0.001132	0.430156	0.020792		
0.25000	2.707805	58.164069		0.184834
0.001132	0.221116	117.981493		
0.50000	1.597779	102.830757		0.184834
0.001132	0.042523	137.877021		
0.75000	0.698104	136.485132		0.184834
0.001132	0.352953	87.579826		
1.00000	0.150751	165.908603		0.184834
0.001132	0.693966	20.387057		
COMB DB-G1-3				
REL_DIST	M2	M3	V2	V3
0.00000	-0.274456	-159.933194		-0.322728
-0.001799	-0.805693	-0.186649		
0.25000	-1.532254	-104.545936		-0.322728
-0.001799	-0.458188	-10.227903		
0.50000	-2.672121	-61.069906		-0.322728
-0.001799	-0.113155	-20.455615		
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방향S1-S403.OUT				
COMB DB-G2-1				
REL_DIST	M2	M3	V2	V3
0.00000	-0.270725	-156.028960		-0.249704
-0.002017	-0.633224	-0.163171		
0.25000	-1.501419	-101.835182		-0.249704
-0.002017	-0.367898	-9.961029		
0.50000	-2.616724	-59.295971		-0.249704
-0.002017	-0.104822	-19.922628		
0.75000	-3.458343	-24.850008		-0.249704
-0.002017	-0.160601	-29.884136		
1.00000	-4.214510	-3.971192		-0.249704
-0.002017	-0.331842	-119.143599		
COMB DB-G2-2				
REL_DIST	M2	M3	V2	V3
0.00000	-0.270725	-156.028960		-0.249704
-0.002017	-0.633224	-0.163171		
0.25000	-1.501419	-101.835182		-0.249704
-0.002017	-0.367898	-9.961029		
0.50000	-2.616724	-59.295971		-0.249704
-0.002017	-0.104822	-19.922628		
0.75000	-3.458343	-24.850008		-0.249704
-0.002017	-0.160601	-29.884136		
1.00000	-4.214510	-3.971192		-0.249704
-0.002017	-0.331842	-119.143599		
COMB DB-G2-3				
REL_DIST	M2	M3	V2	V3
0.00000	-0.270725	-156.028960		-0.249704
-0.002017	-0.633224	-0.163171		
0.25000	-1.501419	-101.835182		-0.249704
-0.002017	-0.367898	-9.961029		
0.50000	-2.616724	-59.295971		-0.249704
-0.002017	-0.104822	-19.922628		
0.75000	-3.458343	-24.850008		-0.249704
-0.002017	-0.160601	-29.884136		
1.00000	-4.214510	-3.971192		-0.249704
-0.002017	-0.331842	-119.143599		

REL_DIST	M2	M3	V2	V3
0.00000	-0.255061	-159.935187		-0.318827
-0.001078	-0.796618	-0.186012		
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방향S1-S403.OUT				
COMB DL-G1-1				
REL_DIST	M2	M3	V2	V3
0.00000	0.303264	0.110190		0.154628
1.81E-05	0.359002	0.015711		
0.25000	0.002674	0.127336		0.154628
1.81E-05	0.184022	0.782190		
0.50000	0.002119	0.147692		0.154628
1.81E-05	0.009035	1.555996		
0.75000	0.001723	0.165804		0.154628
1.81E-05	0.264044	2.304087		
1.00000	0.001508	0.179393		0.154628
1.81E-05	0.549181	3.050480		
COMB DL-G1-1				
REL_DIST	M2	M3	V2	V3
0.00000	-0.037511	-0.825468		-0.252093
-0.001934	-0.590689	-0.028102		
0.25000	-0.037957	-0.801258		-0.252093
-0.001934	-0.305685	-0.099763		
0.50000	-0.038477	-0.780605		-0.252093
-0.001934	-0.190627	-0.217323		
0.75000	-0.038940	-0.756113		-0.252093
-0.001934	-0.163109	-0.334456		
1.00000	-0.039288	-0.756737		-0.252093
-0.001934	-0.337793	-0.481076		
COMB DL-G1-2				
REL_DIST	M2	M3	V2	V3
0.00000	3.638850	8.840339		0.230653
4.17E-07	0.535438	0.021541		
0.25000	2.368044	14.611932		0.230653
4.17E-07	0.274385	81.260866		
0.50000	1.316534	84.893148		0.230653
4.17E-07	0.045293	93.702708		
0.75000	0.512872	121.625416		0.230653
4.17E-07	0.476660	54.817839		
1.00000	0.077998	149.183482		0.230653
4.17E-07	0.963694	12.399793		
COMB DL-G1-2				
REL_DIST	M2	M3	V2	V3
0.00000	-0.252827	-142.791276		-0.447967
-0.002263	-1.111572	-0.171823		
0.25000	-1.157601	-93.693682		-0.447967
-0.002263	-0.607252	-7.835943		
0.50000	-2.212042	-51.808558		-0.447967
-0.002263	-0.112114	-15.698688		
0.75000	-3.151416	-20.390387		-0.447967
-0.002263	-0.255665	-23.569567		
1.00000	-3.858201	-3.403478		-0.447967
-0.002263	-0.502678	-91.594905		
COMB DL-G1-3				
REL_DIST	M2	M3	V2	V3
0.00000	3.698642	8.906907		0.276566
0.001240	0.623031	0.026365		
0.25000	2.445265	14.688787		0.276566
0.001240	0.329462	81.834261		
0.50000	1.375638	84.982217		0.276566
0.001240	0.048086	94.847068		
0.75000	0.571739	121.725352		0.276566
0.001240	0.590683	56.517652		
1.00000	0.136736	149.291572		0.276566
0.001240	1.201277	14.653994		
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방향S1-S403.OUT				
COMB DL-G2-1				
REL_DIST	M2	M3	V2	V3
0.00000	-0.274456	-159.935187		-0.322728
-0.002017	-0.805693	-0.186649		
0.25000	-1.532254	-104.547928		-0.322728
-0.002017	-0.458188	-10.230983		
0.50000	-2.672121	-61.071899		-0.322728
-0.002017	-0.113155	-20.457377		
0.75000	-3.532274	-25.873550		-0.322728
-0.002017	-0.196324	-30.683690		
1.00000	-4.305094	-4.528731		-0.322728
-0.002017	-0.405404	-121.955111		
COMB DL-G2-2				
REL_DIST	M2	M3	V2	V3
0.00000	-0.274456	-159.935187		-0.322728
-0.002017	-0.805693	-0.186649		
0.25000	-1.532254	-104.547928		-0.322728
-0.002017	-0.458188	-10.230983		
0.50000	-2.672121	-61.071899		-0.322728
-0.002017	-0.113155	-20.457377		
0.75000	-3.532274	-25.873550		-0.322728
-0.002017	-0.196324	-30.683690		
1.00000	-4.305094	-4.528731		-0.322728
-0.002017	-0.405404	-121.955111		
COMB DL-G2-3				
REL_DIST	M2	M3	V2	V3
0.00000	-0.274456	-159.935187		-0.322728
-0.002017	-0.805693	-0.186649		
0.25000	-1.532254	-104.547928		-0.322728
-0.002017	-0.458188	-10.230983		
0.50000	-2.672121	-61.071899		-0.322728
-0.002017	-0.113155	-20.457377		
0.75000	-3.532274	-25.873550		-0.322728
-0.002017	-0.196324	-30.683690		
1.00000	-4.305094	-4.528731		-0.322728
-0.002017	-0.405404	-121.955111		

COMB DL-G1-1					MAX
REL_DIST	M2	M3	V2	V3	
0.00000	0.003264	0.110190		0.154628	
0.001078	0.359002	0.015711			
0.25000	0.002647	0.127336		0.154628	
0.001078	0.184022	0.782190			
0.50000	0.002319	0.147692		0.154628	
0.001078	0.009035	1.555996			
0.75000	0.001723	0.165804		0.154628	
0.001078	0.264044	2.304087			
1.00000	0.001508	0.179393		0.154628	
0.001078	0.549181	3.050480			
COMB DL-G1-1					MIN
REL_DIST	M2	M3	V2	V3	
0.00000	-0.037511	-0.825468		-0.252093	
0.001934	-0.590669	-0.028102			
0.25000	-0.037957	-0.801258		-0.252093	
0.001934	-0.305685	-0.099763			
0.50000	-0.038477	-0.780605		-0.252093	
0.001934	-0.019062	-0.217323			
0.75000	-0.038940	-0.765113		-0.252093	
0.001934	-0.163109	-0.334566			
1.00000	-0.039285	-0.755737		-0.252093	
0.001934	-0.337793	-0.481076			
COMB DL-G1-2					MAX
REL_DIST	M2	M3	V2	V3	
0.00000	3.638850	8.840339		0.230653	
0.001707	0.535438	0.021541			
0.25000	2.386004	43.611932		0.230653	
0.001707	0.274385	81.260866			
0.50000	1.155334	84.893148		0.230653	
0.001707	0.045293	93.702708			
0.75000	0.512872	121.625416		0.230653	
0.001707	0.476660	54.817839			
1.00000	0.077998	149.183482		0.230653	
0.001707	0.963694	12.399793			
COMB DL-G1-2					MIN
REL_DIST	M2	M3	V2	V3	
0.00000	-0.252827	-142.791276		-0.447967	
0.000263	1.171571	-0.174323			
0.25000	-0.157601	-93.893682		-0.447967	
0.000263	-0.067252	-7.835943			
0.50000	-2.212042	-51.808558		-0.447967	
0.000263	-0.112114	-15.696888			
0.75000	-3.154116	-20.390387		-0.447967	
0.000263	-0.292985	-23.585657			
1.00000	-3.858201	-93.403478		-0.447967	
0.000263	-0.502678	-91.594905			
COMB DL-G1-3					MAX
REL_DIST	M2	M3	V2	V3	
0.00000	3.698642	8.906907		0.276566	
0.001240	0.642301	0.026365			
0.25000	2.445425	43.688787		0.276566	
0.001240	0.329462	81.834261			
0.50000	1.376538	84.982217		0.276566	
0.001240	0.048086	94.847068			
0.75000	0.517139	121.725352		0.276566	
0.001240	0.590683	56.517659			
1.00000	0.136736	149.291572		0.276566	
0.001240	1.201277	14.653994			
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COMB DL-G1-3					MIN
REL_DIST	M2	M3	V2	V3	
0.00000	-0.254999	-143.407811		-0.557244	
0.002023	-1.367934	-0.201873			
0.25000	-1.160041	-94.259691		-0.557244	
0.002023	-0.740006	-7.925747			
0.50000	-2.214745	-52.398175		-0.557244	
0.002023	-0.120931	-15.868721			
0.75000	-3.154446	-20.970708		-0.557244	
0.002023	-0.304930	-23.822463			
1.00000	-3.861441	-3.978774		-0.557244	
0.002023	-0.603813	-91.944653			
COMB DL-G2-1					MAX
REL_DIST	M2	M3	V2	V3	
0.00000	0.082571	0.103760		0.104198	
0.000333	0.242616	0.014473			
0.25000	0.081953	0.120906		0.104198	
0.002033	0.124484	0.801822			
0.50000	0.081426	0.141261		0.104198	
0.002033	0.006326	1.575245			
0.75000	0.081030	0.159374		0.104198	
0.002033	0.025408	2.322799			
1.00000	0.080815	0.172963		0.104198	
0.002033	0.406638	3.068820			
COMB DL-G2-1					MIN
REL_DIST	M2	M3	V2	V3	
0.00000	-0.006723	-0.825298		-0.195565	
0.62E-05	-0.459173	-0.021340			
0.25000	-0.007169	-0.801088		-0.195565	
0.62E-05	-0.237578	-0.113322			
0.50000	-0.007698	-0.780434		-0.195565	
0.62E-05	-0.015383	-0.224256			
0.75000	-0.008152	-0.764942		-0.195565	

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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	M2	P	V2	V3
0.00000	-0.274456	-159.935187	-0.557244	
-0.002263	-1.367934	-0.201873		
0.25000	-1.532254	-104.547928	-0.557244	
-0.002263	-0.740006	-10.230983		
0.50000	-2.672121	-61.071899	-0.557244	
-0.002263	-0.120391	-20.457377		
0.75000	-3.532274	-25.867350	-0.557244	
-0.002263	-0.304930	-30.683690		
1.00000	-4.305094	-4.528731	-0.557244	
-0.002263	-0.603813	-121.955111		
COMB DESIGN ----- MAX				
REL_DIST	M2	P	V2	V3
0.00000	4.149331	9.048930	0.276566	
0.002422	0.642301	0.026305		
0.25000	2.738015	58.64069	0.276566	
0.002422	0.329462	17.983731		
0.50000	1.627989	102.830757	0.276566	
0.002422	0.048086	137.881502		
0.75000	0.728313	136.485132	0.276566	
0.002422	0.590683	87.586587		
1.00000	0.167520	165.908603	0.276566	
0.002422	1.201277	20.396070		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	V2	V3
0.00000	-0.274456	-159.935187	-0.557244	
-0.002263	-1.367934	-0.201873		
0.25000	-1.532254	-104.547928	-0.557244	
-0.002263	-0.740006	-10.230983		
0.50000	-2.672121	-61.071899	-0.557244	
-0.002263	-0.120391	-20.457377		
0.75000	-3.532274	-25.867350	-0.557244	
-0.002263	-0.304930	-30.683690		
1.00000	-4.305094	-4.528731	-0.557244	
-0.002263	-0.603813	-121.955111		
ELEM 180 ----- LENGTH = 5.022361				
COMB DB-G1-1 ----- MAX				
REL_DIST	M2	P	V2	V3
0.00000	0.005183	0.118601	0.077013	
1.44E-05	0.193061	2.818602		
0.25000	0.004365	0.145660	0.077013	
1.44E-05	0.096337	3.687788		
0.50000	0.003661	0.176758	0.077013	
1.44E-05	0.005060	4.648022		
0.75000	0.002921	0.204616	0.077013	
1.44E-05	0.093322	5.589122		
1.00000	0.002372	0.237685	0.077013	
1.44E-05	0.190964	6.525959		
COMB DB-G1-1 ----- MIN				
REL_DIST	M2	P	V2	V3
0.00000	-0.080082	-0.938235	-0.077757	
-0.001448	-0.198607	-0.385012		
0.25000	-0.080769	-0.906762	-0.077757	
-0.001448	-0.101941	-0.472584		
0.50000	-0.081555	-0.879019	-0.077757	
-0.001448	-0.007423	-0.597572		
0.75000	-0.082259	-0.849698	-0.077757	
-0.001448	-0.097010	-0.723606		
1.00000	-0.083119	-0.827971	-0.077757	
-0.001448	-0.193696	-0.910016		
COMB DB-G1-2 ----- MAX				
REL_DIST	M2	P	V2	V3
0.00000	4.286512	14.053753	0.111689	
5.35E-07	0.282201	17.918314		
0.25000	3.195379	50.177482	0.111689	
5.35E-07	0.155221	110.468811		
0.50000	2.146744	91.693529	0.111689	
5.35E-07	0.047484	149.357648		
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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	M2	P	V2	V3
0.75000	1.266990	128.884768	0.111689	
5.35E-07	0.212709	112.157621		
1.00000	0.533946	173.038032	0.111689	
5.35E-07	0.411836	35.440560		
COMB DB-G1-2 ----- MIN				
REL_DIST	M2	P	V2	V3
0.00000	-0.454353	-169.971037	-0.159398	
-0.001742	-0.419776	-119.082542		
0.25000	-1.370878	-127.954830	-0.159398	
-0.001742	-0.230769	-61.990458		
0.50000	-2.420792	-90.918082	-0.159398	
-0.001742	-0.056653	-52.178594		
0.75000	-3.360472	-51.774651	-0.159398	
-0.001742	-1.400404	-43.762799		
1.00000	-4.508345	-22.768772	-0.159398	
-0.001742	-0.280353	-115.948411		
COMB DB-G1-3 ----- MAX				
REL_DIST	M2	P	V2	V3
0.00000	4.461928	14.456140	0.137346	
0.001005	0.346099	20.408216		
0.25000	3.346765	51.375402	0.137346	
0.001005	0.187147	115.327717		
0.50000	2.386437	83.805735	0.137346	
0.001005	0.049162	155.649812		
0.75000	1.375909	131.816018	0.137346	
0.001005	0.271629	118.354778		
1.00000	0.626721	176.934287	0.137346	
0.001005	0.532262	40.722323		
COMB DB-G1-3 ----- MIN				
REL_DIST	M2	P	V2	V3
0.00000	-0.456532	-174.350209	-0.208415	
-0.001553	-0.546214	-121.900751		
0.25000	-1.393241	-131.408701	-0.208415	
-0.001553	-0.295933	-63.623354		
0.50000	-2.466277	-93.556312	-0.208415	
-0.001553	-0.062396	-53.674182		

0.75000	-3.426651	-53.550847	-0.208415	
-0.001553	-0.172836	-45.151825		
1.00000	-4.599802	-23.906187	-0.208415	
-0.001553	-0.345338	-119.005916		
COMB DB-G2-1 ----- MAX				
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	0.115011	0.116597	0.059905	
0.0001525	0.149474	2.832089		
0.25000	0.114194	0.143656	0.059905	
0.0001525	0.074256	3.698404		
0.50000	0.113490	0.174754	0.059905	
0.0001525	0.001106	4.655724		
0.75000	0.112749	0.202612	0.059905	
0.0001525	0.087565	5.592484		
1.00000	0.112200	0.235681	0.059905	
0.0001525	0.179763	6.524244		
COMB DB-G2-1 ----- MIN				
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-0.007849	-0.935012	-0.073421	
-1.36E-05	-0.189169	-0.397589		
0.25000	-0.008536	-0.903539	-0.073421	
-1.36E-05	-0.096968	-0.484623		
0.50000	-0.009322	-0.875796	-0.073421	
-1.36E-05	-0.007231	-0.607129		
0.75000	-0.010026	-0.846475	-0.073421	
-1.36E-05	-0.076133	-0.730681		
1.00000	-0.010886	-0.824748	-0.073421	
-1.36E-05	-0.151360	-0.914609		
COMB DB-G2-2 ----- MAX				
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	4.242571	14.051426	0.089221	
0.0001835	0.224987	17.925427		
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REL	DIST	P	V2	V3
T	M2	M3		
0.25000	3.333439	50.175154	0.089221	
0.001835	0.126209	110.475109		
0.50000	2.393803	91.691201	0.089221	
0.001835	0.048183	149.361734		
0.75000	1.405050	128.882441	0.089221	
0.001835	0.206516	112.156159		
1.00000	0.672005	173.028505	0.089221	
0.001835	0.399673	35.432607		
COMB DB-G2-2 ----- MIN				
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-0.368162	-169.955828	-0.154734	
-5.04E-07	-0.408574	-119.099529		
0.25000	-1.234686	-127.949621	-0.154734	
-5.04E-07	-0.225422	-62.004502		
0.50000	-2.334600	-90.912873	-0.154734	
-5.04E-07	-0.056477	-52.189726		
0.75000	-3.274280	-51.769443	-0.154734	
-5.04E-07	-0.112646	-43.771019		
1.00000	-4.422155	-22.763564	-0.154734	
-5.04E-07	-0.224728	-115.953719		
COMB DB-G2-3 ----- MAX				
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	4.506500	14.453890	0.131414	
0.001636	0.330979	20.416451		
0.25000	3.391338	51.373152	0.131414	
0.001636	0.179476	115.339334		
0.50000	2.431009	93.803485	0.131414	
0.001636	0.049359	155.659205		
0.75000	1.420481	131.813767	0.131414	
0.001636	0.268656	118.360961		
1.00000	0.671293	176.932037	0.131414	
0.001636	0.526383	40.726742		
COMB DB-G2-3 ----- MIN				
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-0.424618	-174.348914	-0.206161	
-0.000951	-0.540871	-121.900751		
0.25000	-1.361327	-131.407406	-0.206161	
-0.000951	-0.293376	-63.628962		
0.50000	-2.434362	-93.555017	-0.206161	
-0.000951	-0.062631	-53.678648		
0.75000	-3.394736	-53.549552	-0.206161	
-0.000951	-0.165604	-45.155149		
1.00000	-4.567888	-23.904892	-0.206161	
-0.000951	-0.330664	-119.008099		
COMB DL-G1-1 ----- MAX				
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	0.004199	0.168257	0.114159	
1.55E-05	0.285236	3.005563		
0.25000	0.003691	0.178975	0.114159	
1.55E-05	0.142279	4.010618		
0.50000	0.003170	0.198227	0.114159	
1.55E-05	0.000630	0.506710		
0.75000	0.002716	0.218185	0.114159	
1.55E-05	0.211175	6.122441		
1.00000	0.002578	0.235443	0.114159	
1.55E-05	0.428835	7.169326		
COMB DL-G1-1 ----- MIN				
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-0.073951	-1.027645	-0.173365	
-0.001621	-0.441191	-0.453471		
0.25000	-0.074238	-1.007627	-0.173365	
-0.001621	-0.224137	-0.618032		
0.50000	-0.074726	-0.987035	-0.173365	
-0.001621	-0.009119	-0.801219		
0.75000	-0.075231	-0.969068	-0.173365	
-0.001621	-0.142449	-0.984449		
1.00000	-0.075668	-0.964141	-0.173365	
-0.001621	-0.285414	-1.198237		
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REL	DIST	P	V2	V3
T	M2	M3		
0.00000	3.814991	13.509946	0.170557	
0.00000	3.814991	13.509946	0.170557	

1.06E-05	0.096673	6.382306			
0.50000	0.002956	0.440592	0.076313		
1.06E-05	0.001356	6.315787			
0.75000	0.008373	0.469764	0.076313		
1.06E-05	0.088234	6.309767			
1.00000	0.001576	0.502057	0.076313		
1.06E-05	0.176957	6.349881			
COMB DB-G1-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000					
0.00000	-0.099091	-0.287399		-0.070650	
-0.001020	-0.177884	-0.896525			
0.25000	-0.099599	-0.255775		-0.070650	
-0.001020	-0.088169	-0.973619			
0.50000	-0.100485	-0.226590		-0.070650	
-0.001020	-0.010402	-0.901876			
0.75000	-0.101228	-0.195754		-0.070650	
-0.001020	-0.094940	-0.931773			
1.00000	-0.102075	-0.172329		-0.070650	
-0.001020	-0.190756	-1.015018			
COMB DB-G1-2 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000					
3.92E-07	0.276139	35.413708		0.109232	
0.25000	3.251619	48.031288		0.109232	
3.92E-07	0.139025	116.559061			
0.50000	2.255290	89.245407		0.109232	
3.92E-07	0.037175	46.243751		0.109232	
0.75000	1.210245	128.190508			
3.92E-07	0.186131	112.712054		0.109232	
1.00000	0.413173	171.300626			
3.92E-07	0.356659	30.992318			
COMB DB-G1-2 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000					
-0.001224	-0.523535	-170.642008		-0.137642	
0.25000	-0.358057	-115.934915			
-0.001224	-1.335630	-128.424843		-0.137642	
-0.001224	-0.194352	-45.038523			
0.50000	-2.385682	-89.353879		-0.137642	
-0.001224	-0.056153	-42.444957			
0.75000	-3.377514	-48.296018		-0.137642	
-0.001224	-0.135072	-42.041406			
1.00000	-4.507752	-17.023619		-0.137642	
-0.001224	-0.272250	-112.856933			
COMB DB-G1-3 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000					
0.000718	0.343164	40.686240		0.136083	
0.25000	3.379547	49.484830		0.136083	
0.000718	0.172232	123.405531			
0.50000	2.361276	91.606585		0.136083	
0.000718	0.036781	153.575292		0.136083	
0.75000	0.933217	131.409354		0.136083	
0.000718	0.230286	119.339679			
1.00000	0.478591	175.468863		0.136083	
0.000718	0.450442	36.008634			
COMB DB-G1-3 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000					
0.00000	-0.523399	-174.628546		-0.177214	
-0.001091	-0.463589	-118.993667			
0.25000	-1.353379	-131.481655		-0.177214	
-0.001091	-0.249629	-46.552281			
0.50000	-2.262556	-91.550252		-0.177214	
-0.001091	-0.064023	-43.917918			
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REL_DIST	P	M2	M3	V2	V3
0.00000					
0.75000	-3.440230	-49.588196		-0.177214	
-0.001091	-0.169157	-43.521800			
0.25000	-0.000000	-17.627101		-0.177214	
-0.001091	-0.340056	-115.913241			
COMB DB-G2-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000					
0.00000	0.083164	0.380818		0.061469	
0.001072	0.153987	6.510703			
0.25000	0.082332	0.411794		0.061469	
0.001072	0.076798	6.377243			
0.50000	0.081585	0.442666		0.061469	
0.001072	0.001318	6.305752			
0.75000	0.080803	0.471838		0.061469	
0.001072	0.070794	6.294777			
1.00000	0.080206	0.504131		0.061469	
0.001072	0.142230	6.329167			
COMB DB-G2-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
0.00000					
0.00000	0.512679	33.864479		0.199846	
0.25000	2.954540	33.817454		0.199846	
0.000682	0.267322	84.163997			
0.50000	1.887261	72.282647		0.199846	
0.000682	0.027140	112.248025		0.199846	
0.75000	0.911336	114.080904		0.199846	
0.000682	0.393227	82.868385			
1.00000	0.472222	150.866743		0.199846	
0.000682	0.792230	30.525287			
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FRAME ELEMENT INTERNAL FORCES					
REL_DIST	P	M2	M3	V2	V3
0.00000					
0.00000	-0.489866	-150.180212		-0.319281	
-0.001084	-0.832524	-92.045484			
0.25000	-0.964302	-113.037589		-0.319281	
-0.001084	-0.440976	-36.814126			
0.50000	-1.946140	-71.167707		-0.319281	
0.001084	-0.306712	-35.730414			
0.75000	-3.011959	-32.838066		-0.319281	
-0.001084	-0.254648	-34.932312			
1.00000	-3.951171	-16.943105		-0.319281	
-0.001084	-0.496188	-90.790808			
COMB DL-G2-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
0.00000					
0.00000	0.087435	0.332805		0.079932	
0.001107	0.200627	7.180689			

-3.70E-07	-0.112067	-42.052800			
1.00000	-4.393444	-17.016312	-0.129964		
-3.70E-07	-0.224653	-112.864506			
COMB DB-G2-3 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		4.582818	17.045599		0.130968
0.001156	0.329857		40.690124		
0.25000	3.412780		49.485792		0.130968
0.001156	0.165438	123.407874			
0.50000	2.394509	91.607548		0.130968	
0.001156	0.038767	153.577897			
0.75000	0.1326450	131.410316		0.130968	
0.001156	0.151913	119.339141			
1.00000	0.511824	175.469825		0.130968	
0.001156	0.429127	36.005254			
COMB DB-G2-3 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-4.84202	-174.626542		-0.171786
-0.000682	-0.457806	-119.002908			
Program	SAP2000	Nonlinear	Version	7.42	
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FRAME ELEMENT INTERNAL FORCES					
REL_DIST	P	M2	M3	V2	V3
T					
0.25000	-1.314181	-131.479651		-0.171786	
-0.000682	-0.247463	-46.559891			
0.50000	-2.387358	-91.548248		-0.171786	
-0.000682	-0.063869	-43.924076			
0.75000	-3.401033	-49.586192		-0.171786	
-0.000682	-0.163195	-43.526417			
1.00000	-4.556161	-17.625097		-0.171786	
-0.000682	-0.327651	-115.916316			
COMB DL-G1-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	0.003398	0.336521		0.111920	
1.02E-05	0.281783	7.131947			
0.25000	0.002930	0.345089		0.111920	
1.02E-05	0.141530	7.044059			
0.50000	0.002044	0.364050		0.111920	
1.02E-05	0.001591	7.006816			
0.75000	0.001922	0.384654		0.111920	
1.02E-05	0.184079	6.995002			
1.00000	0.001706	0.402788		0.111920	
1.02E-05	0.377087	7.001213			
COMB DL-G1-1 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	-0.095701	-0.247025		-0.153720	
-0.001050	-0.395049	-1.173268			
0.25000	-0.095935	-0.228716		-0.153720	
-0.001050	-0.201981	-1.190124			
0.50000	-0.096419	-0.208076		-0.153720	
-0.001050	-0.013189	-1.233198			
0.75000	-0.096944	-0.189204		-0.153720	
-0.001050	-0.137757	-1.276382			
1.00000	-0.097407	-0.181346		-0.153720	
-0.001050	-0.277914	-1.347412			
COMB DL-G1-2 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	3.841901	16.056019		0.164139	
2.37E-07	0.422998	28.880298			
0.25000	2.892402	33.431794		0.164139	
2.37E-07	0.222381	79.416997			
0.50000	1.825438	71.885610		0.164139	
2.37E-07	0.026157	107.601880			
0.75000	0.849892	113.671504		0.164139	
2.37E-07	0.319685	78.120619			
1.00000	0.410818	150.446463		0.164139	
2.37E-07	0.638458	25.677518			
COMB DL-G1-2 ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	-0.495286	-149.892035		-0.255652	
-0.001213	-0.665642	-91.245785			
0.25000	-0.969583	-112.760397		-0.255652	
-0.001213	-0.354838	-36.012828			
0.50000	-1.951130	-70.902899		-0.255652	
-0.001213	-0.058819	-34.917768			
0.75000	-3.016634	-32.629582		-0.255652	
-0.001213	-0.209269	-34.095899			
1.00000	-3.955568	-16.943335		-0.255652	
-0.001213	-0.406102	-89.919937			
COMB DL-G1-3 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	3.904320	16.436538		0.199846	
0.000682	0.512679	33.864479			
0.25000	2.954540	33.817454		0.199846	
0.000682	0.267322	84.163997			
0.50000	1.887261	72.282647		0.199846	
0.000682	0.027140	112.248025		0.199846	
0.75000	0.911336	114.080904		0.199846	
0.000682	0.393227	82.869395			
1.00000	0.472222	150.866743		0.199846	
0.000682	0.792230	30.525287			
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FRAME ELEMENT INTERNAL FORCES					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	-0.489866	-150.180212		-0.319281	
0.0001084	-0.632524	-92.004594			
0.25000	-0.964302	-133.037589		-0.319281	
-0.001084	-0.409776	-36.814126			
0.50000	-1.946140	-71.167707		-0.319281	
-0.001084	-0.067122	-35.736314			
0.75000	-0.3011959	-32.883066		-0.319281	
-0.001084	-0.010819	-34.920312			
1.00000	-3.951171	-16.943105		-0.319281	
-0.001084	-0.496188	-90.790808			
COMB DL-G2-1 ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	0.087435	0.332805		0.079932	
0.001107	0.200627	7.180689			

0.000673 0.333073 35.978576
0.25000 3.327273 48.705038
0.000673 0.170261 119.998124
0.50000 2.316345 90.814051
0.000673 0.037052 153.199473
0.75000 1.252394 130.742546
0.000673 0.203644 120.584045
1.00000 0.439647 174.715234
0.000673 0.390843 37.244942

COMB DB-G1-3 ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.493001 -175.145508 -0.152878
-0.000928 -0.398641 -115.905622
0.25000 -1.309086 -131.225780 -0.152878
-0.000928 -0.214615 -43.769641
0.50000 -2.374149 -91.286129 -0.152878
-0.000928 -0.064287 -42.209035
0.75000 -3.383689 -49.188243 -0.152878
-0.000928 -0.167698 -43.368149
1.00000 -4.527018 -17.073036
-0.000928 -0.329526 -115.826856

COMB DB-G2-1 ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 0.061903 0.184219 0.062457
0.000773 0.156372 6.318851 0.062457
0.25000 0.061065 0.207783
0.000773 0.077956 6.424268
0.50000 0.060324 0.386466 0.062457
0.000773 0.001645 6.612363
0.75000 0.059544 0.267910 0.062457
0.000773 0.072673 6.851001
1.00000 0.058948 0.300139 0.062457
0.000773 0.144562 7.116189

COMB DB-G2-1 ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.062299 -0.486712 -0.057253
-7.81E-06 -0.143047 -1.024009
0.25000 -0.006897 -0.454522 -0.057253
-7.81E-06 -0.071184 -1.051099
0.50000 -0.007678 -0.425249 -0.057253
-7.81E-06 -0.010704 -1.131535
0.75000 -0.008418 -0.394395 -0.057253
-7.81E-06 -0.078903 -1.213154
1.00000 -0.009256 -0.370855 -0.057253
-7.81E-06 -0.157323 -1.347030

COMB DB-G2-2 ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 4.404812 15.952793 0.088599
0.000936 0.222882 30.937070
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FRAME ELEMENT INTERNAL
FORCES
REL_DIST P M2 M3 V2 V3
0.25000 3.285339 47.411275 0.088599
0.000936 0.111447 113.709285
0.50000 2.296194 88.612925 0.088599
0.000936 0.035260 145.643818
0.75000 1.255169 127.681044 0.088599
0.000936 0.151170 113.571399
1.00000 0.459935 170.706211 0.088599
0.000936 0.285208 31.732585

COMB DB-G2-2 ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.402383 -171.020416 -0.110530
-0.000152 -0.288587 -112.872706
0.25000 -1.200883 -128.047067 -0.110530
-0.000152 -0.155361 -42.239805
0.50000 -2.244296 -88.968047 -0.110530
-0.000152 -0.056208 -40.661467
0.75000 -2.320783 -47.772720 -0.110530
-0.000152 -0.114629 -41.744245
1.00000 -4.349475 -16.351408 -0.110530
-0.000152 -0.222109 -112.590256

COMB DB-G2-3 ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 4.495071 16.553096 0.128015
0.000968 0.322715 35.974705 0.128015
0.25000 3.350944 48.704370 0.128015
0.000968 0.164867 119.998124 0.128015
0.50000 2.340015 90.813383 0.128015
0.000968 0.037036 153.197300 0.128015
0.75000 1.276065 130.741879 0.128015
0.000968 0.198244 120.581295 0.128015
1.00000 0.463318 174.714566 0.128015
0.000968 0.379472 37.241158

COMB DB-G2-3 ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.463791 -175.144845 -0.148183
-0.000647 -0.383874 -115.915697
0.25000 -1.279876 -131.225116 -0.148183
-0.000647 -0.203474 -43.778552
0.50000 -2.344939 -91.285480 -0.148183
-0.000647 -0.064469 -42.216722
0.75000 -3.354479 -49.187580 -0.148183
-0.000647 -0.163297 -43.374613
1.00000 -4.497808 -17.069642 -0.148183
-0.000647 -0.320247 -115.832096

COMB DL-G1-1 ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 0.003536 0.224841 0.106859
7.30E-06 0.286339 6.969620
0.25000 0.210258 0.250000
7.30E-06 0.135571 7.186709
0.50000 0.002551 0.252203 0.106859
7.30E-06 0.001973 7.449022
0.75000 0.020272 0.272847 0.106859
7.30E-06 0.155214 7.730348
1.00000 0.229103 8.023753
7.30E-06 0.319996

COMB DL-G1-1 ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.079123 -0.449162 -0.131132
-0.000693 -0.388776 -1.323453
0.25000 -0.079351 -0.430957 -0.131132
-0.000693 -0.174073 -1.414337
0.50000 -0.079831 -0.410307

-0.000693 -0.013762 -1.531889
0.75000 -0.080353 -0.391368 -0.131132
-0.000693 -0.131183 -1.650319
1.00000 -0.080814 -0.389302 -0.131132
-0.000693 -0.265320 -1.759538
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FRAME ELEMENT INTERNAL
FORCES
COMB DL-G1-2 ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 3.817634 15.766239 0.154232
0.000148 0.403421 25.629204
0.25000 2.880751 32.836622 0.154232
0.000148 0.211915 78.607375
0.50000 1.820883 171.257887 0.154232
0.000148 0.024801 107.717279
0.75000 0.848954 113.122674
0.000148 0.262774 79.239608
0.25000 0.369289 150.007611 0.154232
0.000148 0.523639 26.906942

COMB DL-G1-2 ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.469394 -150.344965 -0.209924
-0.000823 -0.553251 -89.891739
0.25000 -0.931165 -113.426176 -0.209924
-0.000823 -0.297665 -34.771813
0.50000 -1.904393 -71.547145 -0.209924
-0.000823 -0.058763 -34.103053
0.75000 -2.964339 -33.138901 -0.209924
-0.000823 -0.202598 -34.125688
1.00000 -3.899266 -16.171629 -0.209924
-0.000823 -0.382595 -89.862013

COMB DL-G1-3 ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 3.899658 16.057308 0.190648
0.000598 0.494754 30.477824
0.25000 2.932498 33.132742 0.190648
0.000598 0.257639 83.444119
0.50000 1.872316 71.565374 0.190648
0.000598 0.026140 112.626894
0.75000 0.900100 113.442547 0.190648
0.000598 0.320415 84.442697
1.00000 0.440299 150.338397 0.190648
0.000598 0.643212 32.411900

COMB DL-G1-3 ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.465521 -150.769520 -0.259261
-0.000853 -0.682065 -90.770569
0.25000 -0.927429 -113.839809 -0.259261
-0.000853 -0.365441 -35.705335
0.50000 -1.904393 -71.548387 -0.259261
-0.000853 -0.068044 -35.108498
0.75000 -2.961204 -33.528780 -0.259261
-0.000853 -0.249052 -35.202756
1.00000 -3.896408 -16.556488 -0.259261
-0.000853 -0.474618 -91.027920

COMB DL-G2-1 ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 0.069066 0.218619 0.080487
0.000936 0.201847 6.978493
0.25000 0.068604 0.227037 0.080487
0.000724 0.100884 7.209683
0.50000 0.068082 0.245982 0.080487
0.000724 0.001968 7.465536
0.75000 0.067602 0.266626 0.080487
0.000936 0.120922 7.793083
1.00000 0.067376 0.284813 0.080487
0.000724 0.248856 8.025750

COMB DL-G2-1 ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.008629 -0.442671 -0.101830
-6.84E-06 -0.262491 -1.366189
0.25000 -0.008857 -0.424467 -0.101830
-6.84E-06 -0.134685 -1.450537
0.50000 -0.009037 -0.418216 -0.101830
-6.84E-06 -0.013673 -1.562124 -0.101830
0.75000 -0.009860 -0.384877 -0.101830
-6.84E-06 -0.101510 -1.673686
1.00000 -0.010321 -0.376511 -0.101830
-6.84E-06 -0.202556 -1.812704
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FRAME ELEMENT INTERNAL
FORCES
COMB DL-G2-2 ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 3.899382 15.757877 0.119724
0.000859 0.314809 25.656474
0.25000 2.962499 32.828261 0.119724
0.000859 0.166638 78.630126
0.50000 1.902630 171.249526 0.119724
0.000859 0.024796 107.734539
0.75000 0.930701 113.114313 0.119724
0.000859 0.219174 79.247787
1.00000 0.471036 149.999250 0.119724
0.000859 0.432811 26.905555

COMB DL-G2-2 ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.385361 -150.336712 -0.172573
-0.000142 -0.456083 -89.943463
0.25000 -0.847131 -113.417924 -0.172573
-0.000142 -0.247559 -34.814626
0.50000 -1.820359 -71.538892 -0.172573
-0.000142 -0.058940 -34.137970
0.75000 -2.880305 -33.130648 -0.172573
-0.000142 -0.163828 -34.125251
1.00000 -3.815232 -16.163376 -0.172573
-0.000142 -0.300428 -89.881489

COMB DL-G2-3 ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 3.896563 16.055198 0.181665
0.000896 0.471487 30.493874
0.25000 2.959403 33.130632 0.181665

0.000896 0.245593 83.457629
0.50000 1.999221 71.563264 0.181665
0.000896 0.026071 112.637241
0.75000 0.927004 113.440437 0.181665
0.000896 0.308118 84.449821
1.00000 0.467203 150.336287 0.181665
0.000896 0.617121 32.414974

COMB DL-G2-3 ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.434329 -150.767037 -0.248447
-0.000568 -0.653130 -90.791063
0.25000 -0.896236 -113.837326 -0.248447
-0.000568 -1.869753 -71.945904 -0.248447
0.50000 -0.086247 -35.121639 -0.248447
0.75000 -2.930012 -33.526297 -0.248447
-0.000568 -0.239263 -35.213022 -0.248447
1.00000 -3.865216 -16.554005
-0.000568 -0.453553 -91.035143

COMB DB ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 4.495071 16.553763 0.131917
0.000968 0.330373 35.978576 0.131917
0.25000 3.350944 48.705038 0.131917
0.000968 0.170261 119.998124 0.131917
0.50000 2.340015 90.814051 0.131917
0.000968 0.037052 153.199473 0.131917
0.75000 1.276065 130.742546 0.131917
0.000968 0.203644 120.584045 0.131917
1.00000 0.463318 174.715234 0.131917
0.000968 0.390843 37.244942

COMB DB ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.493001 -175.145508 -0.152878
-0.000928 -0.398641 -115.915697
0.25000 -1.309086 -131.225780 -0.152878
-0.000928 -0.214615 -43.769641
0.50000 -2.374149 -91.286129 -0.152878
-0.000928 -0.064469 -42.216722
0.75000 -3.383689 -49.188243 -0.152878
-0.000928 -0.167698 -43.374613
1.00000 -4.527018 -17.073036 -0.152878
-0.000928 -0.329526 -115.826856
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FRAME ELEMENT INTERNAL
FORCES
COMB DL ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 3.899382 16.057308 0.190648
0.000896 0.494754 30.493874
0.25000 2.962499 33.132742 0.190648
0.000896 0.257639 83.457679 0.190648
0.50000 1.902630 71.565374 0.190648
0.000896 0.026140 112.637241 0.190648
0.75000 0.930701 113.442547 0.190648
0.000896 0.320415 84.449821
1.00000 0.471036 150.338397 0.190648
0.000896 0.643212 32.414974

COMB DL ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.469394 -150.769520 -0.259261
-0.000853 -0.682065 -90.791063
0.25000 -0.931165 -113.839809 -0.259261
-0.000853 -0.365441 -35.721513
0.50000 -1.904393 -71.548387 -0.259261
-0.000853 -0.068247 -35.121639
0.75000 -2.964339 -33.528780 -0.259261
-0.000853 -0.249052 -35.213022
1.00000 -3.899266 -16.556488 -0.259261
-0.000853 -0.474618 -91.035143

COMB CAR ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 4.495071 16.553763 0.190648
0.000968 0.494754 35.978576
0.25000 3.350944 48.705038 0.190648
0.000968 0.257639 119.998124 0.190648
0.50000 2.340015 90.814051 0.190648
0.000968 0.037052 153.199473 0.190648
0.75000 1.276065 130.742546 0.190648
0.000968 0.203644 120.584045 0.190648
1.00000 0.471036 174.715234 0.190648
0.000968 0.643212 37.244942

COMB CAR ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.493001 -175.145508 -0.259261
-0.000928 -0.682065 -115.915697
0.25000 -1.309086 -131.225780 -0.259261
-0.000928 -0.365441 -43.778552
0.50000 -2.374149 -91.286129 -0.259261
-0.000928 -0.068247 -42.216722
0.75000 -3.383689 -49.188243 -0.259261
-0.000928 -0.249052 -43.374613
1.00000 -4.527018 -17.073036 -0.259261
-0.000928 -0.329526 -115.832096

COMB DESIGN ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 4.495071 16.553763 0.190648
0.000968 0.494754 35.978576
0.25000 3.350944 48.705038 0.190648
0.000968 0.257639 119.998124 0.190648
0.50000 2.340015 90.814051 0.190648
0.000968 0.037052 153.199473 0.190648
0.75000 1.276065 130.742546 0.190648
0.000968 0.203644 120.584045 0.190648
1.00000 0.471036 174.715234 0.190648
0.000968 0.643212 37.244942

COMB DESIGN ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.493001 -175.145508 -0.259261
-0.000928 -0.682065 -115.915697
0.25000 -1.309086 -131.225780 -0.259261
-0.000928 -0.365441 -43.778552
0.50000 -2.374149 -91.286129 -0.259261
-0.000928 -0.068247 -42.216722
0.75000 -3.383689 -49.188243 -0.259261
-0.000928 -0.249052 -43.374613
1.00000 -4.527018 -17.073036 -0.259261
-0.000928 -0.329526 -115.832096

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FRAME ELEMENT INTERNAL
FORCES
COMB DB-G1-1 ----- MAX
ELEM 183 ===== LENGTH =
5.022156

REL_DIST P M2 M3 V2 V3
0.00000 0.004261 0.288463 0.071240
0.000351 0.180160 7.129505
0.25000 0.003415 0.312012 0.071240
0.000351 0.090637 7.070819
0.50000 0.002669 0.342871 0.071240
0.000351 0.002148 7.056617
0.75000 0.001883 0.372140 0.071240
0.000351 0.085462 7.123773
1.00000 0.001282 0.404350 0.071240
0.000351 0.171510 7.228094

COMB DB-G1-1 ----- MIN
REL_DIST P M2 M3 V2 V3
0.00000 -0.059552 -0.407639 -0.068517
-0.000522 -0.172566 -1.324326
0.25000 -0.069154 -0.375429 -0.068517
-0.000522 -0.086519 -1.354669
0.50000 -0.069940 -0.346160 -0.068517
-0.000522 -0.011429 -1.437223
0.75000 -0.070686 -0.315301 -0.068517
-0.000522 -0.088213 -1.521568
1.00000 -0.071531 -0.291752 -0.068517
-0.000522 -0.177641 -1.658089

COMB DB-G1-2 ----- MAX
REL_DIST P M2 M3 V2 V3
0.00000 4.366622 16.133895 0.097501
0.000441 0.255162 31.753869
0.25000 3.327388 47.571360 0.097501
0.000441 0.136871 113.750415 0.097501
0.5

0.25000	3.282576	47.570195	0.087492
0.000650	0.121812	113.723366	
0.50000	0.686271	86.767149	0.087492
0.000650	0.035296	146.239148	
0.75000	1.237401	127.841520	0.087492
0.000650	0.138659	113.923457	
1.00000	0.435312	170.842133	0.087492
0.000650	0.259730	31.818981	

COMB DB-G2-2 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.405559	-170.849447		-0.100736
-0.000445	-0.263954	-112.597540		
0.25000	-1.209376	-127.849559		-0.100736
-0.000445	-0.144725	-41.786674		
0.50000	-2.258822	-88.775493		-0.100736
-0.000445	-0.057366	-40.678018		
0.75000	-3.254341	-47.878501		-0.100736
-0.000445	-0.127532	-41.960294		
1.00000	-4.382447	-16.140923		-0.100736
-0.000445	-0.227418	-112.897351		

COMB DB-G2-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	4.506309	16.798400		0.124611
0.000856	0.322031	37.229644		
0.25000	3.352207	48.928196		0.124611
0.000856	0.169709	120.896071		
0.50000	2.333961	91.032409		0.124611
0.000856	0.037376	154.071389		
0.75000	1.261992	130.967294		0.124611
0.000856	0.183701	121.136859		
1.00000	0.442239	174.914887		0.124611
0.000856	0.350111	37.382912		

COMB DB-G2-3 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.462268	-174.925350		-0.136915
-0.000809	-0.355564	-115.831225		
0.25000	-1.209376	-127.849559		-0.136915
-0.000809	-0.144725	-41.786674		
0.50000	-2.258822	-88.775493		-0.136915
-0.000809	-0.057366	-40.678018		
0.75000	-3.254341	-47.878501		-0.136915
-0.000809	-0.127532	-41.960294		
1.00000	-4.382447	-16.140923		-0.136915
-0.000809	-0.227418	-112.897351		

COMB DB-G2-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	4.506309	16.798400		0.124611
0.000856	0.322031	37.229644		
0.25000	3.352207	48.928196		0.124611
0.000856	0.169709	120.896071		
0.50000	2.333961	91.032409		0.124611
0.000856	0.037376	154.071389		
0.75000	1.261992	130.967294		0.124611
0.000856	0.183701	121.136859		
1.00000	0.442239	174.914887		0.124611
0.000856	0.350111	37.382912		

COMB DL-G1-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.003089	0.316232		0.102510
0.000288	0.257597	7.999079		
0.25000	0.002624	0.324637		0.102510
0.000288	0.129178	8.034549		
0.50000	0.002098	0.343582		0.102510
0.000288	0.002604	0.085028		
0.75000	0.001615	0.364225		0.102510
0.000288	0.129623	8.171128		
1.00000	0.001385	0.382417		0.102510
0.000288	0.266752	8.272744		

COMB DL-G1-1 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.076505	-0.355276		-0.109314
-0.000446	-1.772447	-112.597540		
0.25000	-0.076735	-0.337081		-0.109314
-0.000446	-0.145764	-1.864267		
0.50000	-0.077218	-0.316433		-0.109314
-0.000446	-0.014877	-1.982104		
0.75000	-0.077745	-0.297493		-0.109314
-0.000446	-2.102412	-2.102412		
1.00000	-0.078209	-0.289090		-0.109314
-0.000446	-0.256508	-2.245837		

COMB DL-G1-2 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	3.846022	15.937742		0.147144
0.000360	0.389295	26.874782		
0.25000	2.202788	32.982951		0.147144
0.000360	0.204098	79.871639		
0.50000	1.836194	71.404400		0.147144
0.000360	0.025087	108.666596		
0.75000	0.855933	113.267998		0.147144
0.000360	0.206936	80.000082		
1.00000	0.389944	150.162408		0.147144
0.000360	0.408074	27.195173		

COMB DL-G1-2 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.475516	-150.124235		-0.163305
-0.000535	-0.436419	-89.849228		
0.25000	-0.941101	-113.226338		-0.163305
-0.000535	-0.240281	-34.437598		
0.50000	-1.921268	-71.352334		-0.163305
-0.000535	-0.060552	-34.413187		
0.75000	-2.999170	-32.940618		-0.163305
-0.000535	-0.000806	-34.725144		
1.00000	-3.931893	-15.899839		-0.163305
-0.000535	-0.374628	-90.489816		

COMB DL-G1-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	3.882075	16.285459		0.184695
0.000659	0.483274	32.384615		
0.25000	2.398561	33.335711		0.184695
0.000659	0.251237	85.260084		
0.50000	1.870652	71.768527		0.184695
0.000659	0.026784	113.978316		
0.75000	0.891101	113.644510		0.184695
0.000659	0.251890	85.474783		
1.00000	0.424974	150.549836		0.184695
0.000659	0.502453	32.859281		
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COMB DL-G1-3 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.462268	-174.925350		-0.136915
-0.000809	-0.355564	-115.831225		
0.25000	-1.209376	-127.849559		-0.136915
-0.000809	-0.144725	-41.786674		
0.50000	-2.258822	-88.775493		-0.136915
-0.000809	-0.057366	-40.678018		
0.75000	-3.254341	-47.878501		-0.136915
-0.000809	-0.127532	-41.960294		
1.00000	-4.382447	-16.140923		-0.136915
-0.000809	-0.227418	-112.897351		

COMB DL-G2-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.043992	0.311530		0.081854
0.000456	0.204789	8.031312		
0.25000	0.043527	0.319934		0.081854
0.000456	0.102081	8.058915		
0.50000	0.043001	0.338880		0.081854
0.000456	0.002617	8.100290		
0.75000	0.042518	0.359523		0.081854
0.000456	0.102882	8.176535		
1.00000	0.042288	0.377715		0.081854
0.000456	0.210193	8.266293		

COMB DL-G2-1 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.006233	-0.347002		-0.085978
-0.000291	-0.222625	-1.824617		
0.25000	-0.006463	-0.328808		-0.085978
-0.000291	-0.114730	-1.908775		
0.50000	-0.006946	-0.308160		-0.085978
-0.000291	-0.014846	-2.019916		
0.75000	-0.007497	-0.289219		-0.085978
-0.000291	-0.105216	-2.131476		
1.00000	-0.007937	-0.280816		-0.085978
-0.000291	-0.207351	-2.270355		

COMB DL-G2-2 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	3.897900	15.931522		0.120762
0.000546	0.321065	26.909659		
0.25000	2.954665	32.9376731		0.120762
0.000546	0.169160	79.898098		
0.50000	1.887072	71.398179		0.120762
0.000546	0.025157	108.682485		
0.75000	0.907811	113.261778		0.120762
0.000546	0.172309	80.002581		
1.00000	0.441822	150.156187		0.120762
0.000546	0.336327	27.184679		

COMB DL-G2-2 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.390389	-150.113628		-0.134235
-0.000363	-0.361069	-89.894947		
0.25000	-0.855974	-113.215730		-0.134235
-0.000363	-0.200742	-34.490127		
0.50000	-1.836141	-71.341726		-0.134235
-0.000363	-0.060797	-34.457732		
0.75000	-2.904043	-32.930010		-0.134235
-0.000363	-0.170116	-34.761783		
1.00000	-3.846766	-15.889231		-0.134235
-0.000363	-0.309741	-90.518379		

COMB DL-G2-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	3.898056	16.283993		0.177644
0.000713	0.465968	32.401561		
0.25000	2.954665	32.9376731		0.177644
0.000713	0.242639	85.273581		
0.50000	1.886634	71.767061		0.177644
0.000713	0.026838	113.987148		
0.75000	0.907083	113.643044		0.177644
0.000713	0.241641	85.479027		
1.00000	0.440956	150.549836		0.177644
0.000713	0.480316	32.859304		
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COMB DL-G2-3 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.390389	-150.113628		-0.134235
-0.000363	-0.361069	-89.894947		
0.25000	-0.855974	-113.215730		-0.134235
-0.000363	-0.200742	-34.490127		
0.50000	-1.836141	-71.341726		-0.134235
-0.000363	-0.060797	-34.457732		
0.75000	-2.904043	-32.930010		-0.134235
-0.000363	-0.170116	-34.761783		
1.00000	-3.846766	-15.889231		-0.134235
-0.000363	-0.309741	-90.518379		

COMB DL-G2-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	3.898056	16.283993		0.177644
0.000713	0.465968	32.401561		
0.25000	2.954665	32.9376731		0.177644
0.000713				

0.00000	0.002598	0.388232	0.103603
0.000487	0.258551	8.256137	
0.25000	0.002137	0.396636	0.103603
0.000487	0.129327	8.013985	
0.50000	0.001614	0.415579	0.103603
0.000487	0.003242	8.013985	
0.75000	0.001135	0.436229	0.103603
0.000487	0.113371	7.938429	
1.00000	0.000907	0.454420	0.103603
0.000487	0.230639	7.880050	

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

REL_DIST	M2	P	M3	V2	V3
0.00000	-0.079210	-0.285669			-0.093697
-0.000293	-0.240548	-2.225131			
0.25000	-0.079438	-0.267475			-0.093697
-0.000293	-0.122999	-2.309606			
0.50000	-0.079918	-0.246825			-0.093697
-0.000293	-0.014561	-2.420489			
0.75000	-0.080440	-0.227883			-0.093697
-0.000293	-0.132414	-2.532592			
1.00000	-0.080902	-0.219475			-0.093697
-0.000293	-0.262289	-2.671511			
Program	SAP2000	Nonlinear	Version	7.42	
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	M2	P	M3	V2	V3
0.00000	3.816944	16.052083			0.152232
0.000597	0.396236	27.163827			
0.25000	2.860988	33.096279			0.152232
0.000597	0.207499	79.932299			
0.50000	1.821326	71.513059			0.152232
0.000597	0.026402	108.522213			
0.75000	0.848964	113.389884			0.152232
0.000597	0.170851	79.656665			
1.00000	0.387579	150.281082			0.152232
0.000597	0.329817	26.646550			

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

REL_DIST	M2	P	M3	V2	V3
0.00000	-0.480935	-150.001153			-0.127573
-0.000366	-0.389816	-90.508145			
0.25000	-0.942090	-113.104448			-0.127573
-0.000366	-0.189079	-35.136922			
0.50000	-1.915128	-71.227234			-0.127573
-0.000366	-0.060337	-35.224705			
0.75000	-2.975421	-32.812628			-0.127573
-0.000366	-0.214656	-35.648471			
1.00000	-3.911131	-15.755666			-0.127573
-0.000366	-0.396283	-91.500535			

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

REL_DIST	M2	P	M3	V2	V3
0.00000	3.841690	16.439498			0.195306
0.000772	0.500083	32.829438			
0.25000	2.905457	33.488737			0.195306
0.000772	0.257666	85.385512			
0.50000	1.845481	71.916882			0.195306
0.000772	0.026561	113.788978			
0.75000	0.872832	113.806097			0.195306
0.000772	0.214374	84.978196			
1.00000	0.411311	150.708209			0.195306
0.000772	0.415581	32.070112			

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

REL_DIST	M2	P	M3	V2	V3
0.00000	-0.473005	-150.325481			-0.161433
-0.000678	-0.423882	-91.978737			
0.25000	-0.942090	-113.417860			-0.161433
-0.000678	-0.231953	-36.659230			
0.50000	-1.970623	-71.528256			-0.161433
-0.000678	-0.069501	-36.815659			
0.75000	-2.968229	-33.102285			-0.161433
-0.000678	-0.274388	-37.307337			
1.00000	-3.904217	-16.044278			-0.161433
-0.000678	-0.509743	-93.244149			

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

REL_DIST	M2	P	M3	V2	V3
0.00000	0.026651	0.383061			0.092002
0.000292	0.224813	8.281144			
0.25000	0.026189	0.391466			0.092002
-0.000292	0.109677	8.145154			
0.50000	0.025667	0.410409			0.092002
-0.000292	0.003317	8.024266			
0.75000	0.025187	0.431058			0.092002
-0.000292	0.100216	7.993844			
1.00000	0.024960	0.449249			0.092002
0.000292	0.199175	7.870453			

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

REL_DIST	M2	P	M3	V2	V3
0.00000	-0.003749	-0.278054			-0.079125
-0.000504	-0.193270	-2.284055			
0.25000	-0.003976	-0.259861			-0.079125
-0.000504	-0.100263	-2.361816			
0.50000	-0.004456	-0.392911			-0.079125
-0.000504	-0.014592	-2.466287			
0.75000	-0.004979	-0.202269			-0.079125
-0.000504	-0.123157	-2.571360			
1.00000	-0.005440	-0.921186			-0.079125
-0.000504	-0.238321	-2.703455			
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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	M2	P	M3	V2	V3
0.00000	3.848033	16.045113			0.136277
0.000364	0.231207	33.089309			
0.25000	2.912076	33.089309			0.136277
0.000364	0.180876	79.950378			
0.50000	1.852414	71.506089			0.136277
0.000364	0.026482	108.532610			
0.75000	0.880053	113.382914			0.136277
0.000364	0.153260	79.652185			
1.00000	0.418668	150.274112			0.136277
0.000364	0.288353	26.632667			

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

REL_DIST	M2	P	M3	V2	V3
0.00000	-0.388717	-149.991421			-0.108572
-0.000618	-0.285385	-90.577650			
0.25000	-0.849872	-113.094716			-0.108572
-0.000618	-0.159362	-35.198605			
0.50000	-1.822910	-71.217502			-0.108572
-0.000618	-0.060417	-35.278427			
0.75000	-2.883203	-35.802896			-0.108572
-0.000618	-0.210791	-39.694273			
1.00000	-3.818914	-15.749934			-0.108572
-0.000618	-0.362490	-91.538250			

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

REL_DIST	M2	P	M3	V2	V3
0.00000	3.849657	16.437928			0.191775
0.000666	0.489313	32.843390			
0.25000	2.913424	33.487167			0.191775
0.000666	0.250666	85.395735			
0.50000	1.853449	71.915312			0.191775
0.000666	0.028553	113.795654			
0.75000	0.880800	113.804526			0.191775
0.000666	0.209739	84.981651			
1.00000	0.419278	150.706639			0.191775
0.000666	0.404409	32.068178			

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FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	M2	P	M3	V2	V3
0.00000	-0.439878	-150.322782			-0.156136
-0.000780	-0.409029	-92.004522			
0.25000	-0.901170	-113.415161			-0.156136
-0.000780	-0.223573	-36.682703			
0.50000	-1.874496	-71.525558			-0.156136
-0.000780	-0.069683	-36.635623			
0.75000	-2.935103	-33.095956			-0.156136
-0.000780	-0.271573	-32.847443			
1.00000	-3.871090	-16.041579			-0.156136
-0.000780	-0.502798	-93.258536			

COMB DB ----- MAX

REL_DIST	M2	P	M3	V2	V3
0.00000	4.457429	16.944838			0.134558
0.000937	0.344468	37.344952			
0.25000	3.312969	49.070772			0.134558
0.000937	0.181173	120.921942			
0.50000	2.302379	91.176664			0.134558
0.000937	0.038460	153.695387			
0.75000	1.237954	131.117829			0.134558
0.000937	0.174118	120.301856			
1.00000	0.424301	175.083576			0.134558
0.000937	0.330722	36.515679			

COMB DB ----- MIN

REL_DIST	M2	P	M3	V2	V3
0.00000	-0.60269	-174.803974			-0.128572
-0.000929	-0.333848	-116.388415			
0.25000	-1.295128	-130.829011			-0.128572
-0.000929	-0.180613	-44.121486			
0.50000	-2.359955	-90.893459			-0.128572
-0.000929	-0.065146	-43.105861			
0.75000	-3.700021	-48.785155			-0.128572
-0.000929	-0.187391	-44.529196			
1.00000	-4.514096	-16.651986			-0.128572
-0.000929	-0.349008	-117.187682			
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL_DIST	M2	P	M3	V2	V3
0.00000	3.849657	16.439498			0.195306
0.000772	0.500083	32.843390			
0.25000	2.913424	33.488737			0.195306
0.000772	0.257666	85.395735			
0.50000	1.853449	71.916882			0.195306
0.000772	0.028553	113.795654			
0.75000	0.880900	113.806097			0.195306
0.000772	0.214374	84.981651			
1.00000	0.419278	150.708209			0.195306
0.000772	0.415581	32.070112			

COMB DL ----- MIN

REL_DIST	M2	P	M3	V2	V3
0.00000	-0.480935	-150.325481			-0.161433
-0.000780	-0.423882	-92.004522			
0.25000	-0.942090	-113.417860			-0.161433
-0.000780	-0.231953	-36.682703			
0.50000	-1.915128	-71.528256			-0.161433
-0.000780	-0.069683	-36.635623			
0.75000	-2.975421	-33.102285			-0.161433
-0.000780	-0.274388	-37.324743			
1.00000	-3.911131	-16.044278			-0.161433
-0.000780	-0.509743	-93.258536			

COMB CAR ----- MAX

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	4.457429	16.944838	0.195306
0.000937	0.500083	37.344952	
0.25000	3.312969	49.070772	0.195306
0.000937	0.257666	120.921942	
0.50000	2.302379	91.176664	0.195306
0.000937	0.038460	153.695387	
0.75000	1.237954	131.117829	0.195306
0.000937	0.214374	120.301856	
1.00000	0.424301	175.083576	0.195306
0.000937	0.415581	36.515679	

0.000922	0.574937	32.069916			
0.25000	2.933478	33.522247	0.229286		
0.000922	0.291239	85.128397			
0.50000	1.866254	71.929345	0.229286		
0.000922	0.032047	114.195730			
0.75000	0.886796	113.792094	0.229286		
0.000922	0.206528	86.116647			
1.00000	0.418822	150.687888	0.229286		
0.000922	0.392979	33.741453			
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FRAME ELEMENT INTERNAL FORCES					
COMB DL-G1-3 ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-0.484514	-150.807939		-0.149011	
-0.000711	-0.378680	-93.229605			
0.25000	-0.951155	-113.917625		-0.149011	
-0.000711	-0.204313	-38.416447			
0.50000	-1.930764	-72.047487		-0.149011	
-0.000711	-0.070566	-38.945904			
0.75000	-2.998407	-33.623971		-0.149011	
-0.000711	-0.321595	-39.968664			
1.00000	-3.941210	-16.501480		-0.149011	
-0.000711	-0.600341	-96.082351			
COMB DL-G2-1 ----- MAX					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	0.027587	0.416617		0.114216	
0.000151	0.276590	7.890312			
0.25000	0.027122	0.425022		0.114216	
0.000151	0.132652	8.009220			
0.50000	0.026596	0.443955		0.114216	
0.000151	0.004682	18.52806			
0.75000	0.026113	0.464591		0.114216	
0.000151	0.112301	8.342241			
1.00000	0.025882	0.482779		0.114216	
0.000151	0.219731	8.553101			
COMB DL-G2-1 ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-0.010583	-0.479265		-0.085635	
-0.000725	-0.210437	-2.719470			
0.25000	-0.010813	-0.461080		-0.085635	
-0.000725	-0.102785	-3.011216			
0.50000	-0.011295	-0.404440		-0.085635	
-0.000725	-0.015141	-3.330026			
0.75000	-0.011822	-0.421499		-0.085635	
-0.000725	-0.154058	-3.649150			
1.00000	-0.012286	-0.413059		-0.085635	
-0.000725	-0.297466	-3.995687			
COMB DL-G2-2 ----- MAX					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	3.882024	16.061850		0.174888	
0.000192	0.436275	26.654209			
0.25000	2.939343	33.107525		0.174888	
0.000192	0.220538	79.753778			
0.50000	1.872435	71.503264		0.174888	
0.000192	0.029091	108.840998			
0.75000	0.893266	113.353632		0.174888	
0.000192	0.161866	80.517261			
1.00000	0.425431	150.238512		0.174888	
0.000192	0.299287	27.838878			
COMB DL-G2-2 ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-0.402128	-150.329528		-0.109773	
-0.000881	-0.274365	-91.552943			
0.25000	-0.868631	-113.450126		-0.109773	
-0.000881	-0.148875	-36.545486			
0.50000	-1.847950	-71.592372		-0.109773	
-0.000881	-0.061228	-36.864719			
0.75000	-2.915278	-33.180220		-0.109773	
-0.000881	-0.254643	-37.677399			
1.00000	-3.857802	-16.062794		-0.109773	
-0.000881	-0.465450	-93.564852			
COMB DL-G2-3 ----- MAX					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	3.883580	16.471731		0.232411	
0.000655	0.579182	32.081443			
0.25000	2.940620	33.522450		0.232411	
0.000655	0.291518	85.136562			
0.50000	1.873396	71.929548		0.232411	
0.000655	0.032009	114.200630			
0.75000	0.893938	113.792298		0.232411	
0.000655	0.210857	86.118601			
1.00000	0.425964	150.688091		0.232411	
0.000655	0.398537	33.741453			
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COMB DL-G2-3 ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-0.453742	-150.805963		-0.149956	
-0.000943	-0.377596	-93.259263			
0.25000	-0.920033	-113.915650		-0.149956	
-0.000943	-0.201986	-38.444499			
0.50000	-1.899992	-72.045512		-0.149956	
-0.000943	-0.070565	-38.972197			
0.75000	-2.967635	-33.621996		-0.149956	
-0.000943	-0.328737	-39.994411			
1.00000	-3.917658	-16.506505		-0.149956	
-0.000943	-0.611753	-96.106824			
COMB DL-G2-3 ----- MAX					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	0.450689	16.548668		0.145858	
0.000998	0.373874	36.519774			
0.25000	3.345220	48.659868		0.145858	
0.000998	0.195082	120.449747			
0.50000	2.327908	90.743402		0.145858	
0.000998	0.040318	153.776307			
0.75000	1.256430	130.671547		0.145858	
0.000998	0.167191	120.770695			
1.00000	0.436596	174.617044		0.145858	
0.000998	0.315403	38.363268			
COMB DL-G2-3 ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-0.453742	-150.805963		-0.149956	
-0.000943	-0.377596	-93.259263			
0.25000	-0.920033	-113.915650		-0.149956	
-0.000943	-0.201986	-38.444499			
0.50000	-1.899992	-72.045512		-0.149956	
-0.000943	-0.070565	-38.972197			
0.75000	-2.967635	-33.621996		-0.149956	
-0.000943	-0.328737	-39.994411			
1.00000	-3.917658	-16.506505		-0.149956	
-0.000943	-0.611753	-96.106824			

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.00000	3.844133	16.155504		0.220975
2.09E-07	0.549993	27.874338		
0.25000	2.930578	33.746540		0.220975
0.50000	0.276373	79.821149		
0.75000	1.851247	72.136634		0.220975
2.09E-07	0.032561	107.686037		
0.75000	0.879477	113.969585		0.220975
2.09E-07	0.187528	78.105316		
1.00000	0.414517	150.844936		0.220975
2.09E-07	0.346983	24.284575		

COMB DL-G2-2 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000	-0.428153	-149.719880		-0.127060
-0.001156	-0.308350	-93.582915		
0.25000	-0.892424	-112.858667		-0.127060
-0.001156	-0.162915	-38.645843		
0.50000	-1.864402	-71.027244		-0.127060
-0.001156	-0.058797	-39.076335		
0.75000	-2.923782	-32.650251		-0.127060
-0.001156	-0.311247	-39.667913		
1.00000	-3.858988	-15.494344		-0.127060
-0.001156	-0.579291	-95.596457		

COMB DL-G2-3 ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.00000	3.846193	17.265875		0.281008
0.000592	0.699131	33.770233		
0.25000	2.911362	34.401979		0.281008
0.000592	0.350763	85.217552		
0.50000	1.852718	72.803431		0.281008
0.000592	0.036488	112.594767		
0.75000	0.880660	114.648758		0.281008
0.000592	0.229514	82.809623		
1.00000	0.415417	151.535020		0.281008
0.000592	0.432811	28.873644		

COMB DL-G2-3 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000	-0.487567	-150.033467		-0.162106
-0.001032	-0.398983	-96.113150		
0.25000	-0.951975	-113.161348		-0.162106
-0.001032	-0.209602	-41.264348		
0.50000	-1.924241	-71.317549		-0.162106
-0.001032	-0.067580	-41.799055		
0.75000	-2.983934	-32.929202		-0.162106
-0.001032	-0.388594	-42.495747		
1.00000	-3.919417	-15.768310		-0.162106
-0.001032	-0.732255	-98.545256		

COMB DB ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.00000	4.451662	17.601353		0.158021
0.001137	0.400113	37.877866		
0.25000	3.305177	49.694464		0.158021
0.001137	0.210661	120.305427		
0.50000	2.295938	91.753086		0.158021
0.001137	0.043219	152.183323		
0.75000	1.232583	131.654904		0.158021
0.001137	0.168642	117.839242		
1.00000	0.419374	175.692622		0.158021
0.001137	0.317119	33.776049		

COMB DB ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000	-0.506458	-174.556871		-0.118278
-0.001179	-0.297865	-118.562250		
0.25000	-1.320037	-130.522177		-0.118278
-0.001179	-0.161712	-46.807116		
0.50000	-2.938515	-66.029624		-0.118278
-0.001179	-0.063062	-46.007199		
0.75000	-3.392635	-48.567483		-0.118278
-0.001179	-0.221746	-47.618542		
1.00000	-4.539425	-16.463819		-0.118278
-0.001179	-0.415238	-120.252688		

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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.00000	3.846193	17.265875		0.281008
0.001131	0.699131	33.770233		
0.25000	2.911362	34.401979		0.281008
0.001131	0.350763	85.217552		
0.50000	1.852718	72.803431		0.281008
0.001131	0.036515	112.595091		
0.75000	0.880660	114.648758		0.281008
0.001131	0.229514	82.814958		
1.00000	0.415417	151.535020		0.281008
0.001131	0.432811	28.885730		

COMB DL ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000	-0.516534	-150.036223		-0.162106
-0.001156	-0.398983	-96.113150		
0.25000	-0.980943	-113.164104		-0.162106
-0.001156	-0.209602	-41.264348		
0.50000	-1.953208	-71.320305		-0.162106
-0.001156	-0.067580	-41.955440		
0.75000	-3.012902	-32.931358		-0.162106
-0.001156	-0.388594	-42.495747		
1.00000	-3.948384	-15.771066		-0.162106
-0.001156	-0.732255	-98.545256		

COMB CAR ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.00000	4.451662	17.601353		0.281008
0.001137	0.699131	37.877866		
0.25000	3.305177	49.694464		0.281008
0.001137	0.350763	120.305427		
0.50000	2.295938	91.753086		0.281008
0.001137	0.043219	152.183323		
0.75000	1.232583	131.654904		0.281008
0.001137	0.229514	117.839242		
1.00000	0.419374	175.692622		0.281008
0.001137	0.432811	33.776049		

COMB CAR ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000	-0.516534	-174.556871		-0.124029
-0.000756	-0.306726	-120.275963		
0.25000	-1.323379	-130.228203		-0.124029
-0.000756	-0.158866	-48.635656		
0.50000	-2.403070	-90.330655		-0.124029
-0.000756	-0.054571	-47.857822		

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000	-0.510787	-149.513169		-0.109885
-2.60E-07	-0.269553	-95.550347		
0.25000	-0.981598	-112.653486		-0.109885
-2.60E-07	-0.146537	-40.635445		
0.50000	-1.960371	-70.826173		-0.109885
-2.95E-07	-0.050140	-41.134802		
0.75000	-3.027005	-32.460924		-0.109885
-2.60E-07	-0.283182	-41.737281		
1.00000	-3.968880	-15.327288		-0.109885
-2.60E-07	-0.537132	-98.395390		

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0.00000	-0.516534	-174.556871	-0.162106
-0.001179	-0.398983	-118.562250	
0.25000	-1.320037	-130.522177	-0.162106
-0.001179	-0.209602	-46.807116	
0.50000	-2.983515	-90.629624	-0.162106
-0.001179	-0.067580	-46.007199	
0.75000	-3.392635	-48.567483	-0.162106
-0.001179	-0.388594	-47.618542	
1.00000	-4.539425	-16.463819	-0.162106
-0.001179	-0.732255	-120.252688	

COMB DESIGN ----- MAX				
REL_DIST	P	M2	M3	V2
T				
0.00000	4.451662	17.601353		0.281008
0.001137	0.699131	37.877866		
0.25000	3.305177	49.694464		0.281008
0.001137	0.350763	120.305427		
0.50000	2.295938	91.753086		0.281008
0.001137	0.043219	152.183323		
0.75000	1.232583	131.654904		0.281008
0.001137	0.229514	117.839242		
1.00000	0.419374	175.692622		0.281008
0.001137	0.432811	33.776049		

COMB DESIGN ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000	-0.516534	-174.556871		-0.162106
-0.001179	-0.398983	-118.562250		
0.25000	-1.320037	-130.522177		-0.162106
-0.001179	-0.209602	-46.807116		
0.50000	-2.983515	-90.629624		-0.162106
-0.001179	-0.067580	-46.007199		
0.75000	-3.392635	-48.567483		-0.162106
-0.001179	-0.388594	-47.618542		
1.00000	-4.539425	-16.463819		-0.162106
-0.001179	-0.732255	-120.252688		

Program	SAP2000	Nonlinear	Version	7.42
File:	2교부산반항S1-S403.OUT			

FRAME ELEMENT INTERNAL FORCES

FORCES				
ELEM	187	=====	LENGTH =	
5.022701				
COMB DB-G1-1 ----- MAX				
REL_DIST	P	M2	M3	V2
T				V3
0.00000	0.007154	0.756611		0.060843
0.001069	0.150105	5.576255		
0.25000	0.006306	0.780136		0.060843
0.001069	0.073710	4.850697		
0.50000	0.005561	0.810962		0.060843
0.001069	0.005378	4.195633		
0.75000	0.004777	0.840200		0.060843
0.001069	0.074986	3.681505		
1.00000	0.004177	0.872513		0.060843
0.001069	0.151314	3.320388		

COMB DB-G1-1 ----- MIN				
REL_DIST	P	M2	M3	V2
T				
0.00000	-0.064929	-0.186710		-0.060769
-1.12E-05	-0.153996	-3.315294		
0.25000	-0.065530	-0.154451		-0.060769
-1.12E-05	-0.077576	-3.356329		
0.50000	-0.066314	-0.125209		-0.060769
-1.12E-05	-0.006950	-3.449301		
0.75000	-0.067059	-0.094385		-0.060769
-1.12E-05	-0.079232	-3.544086		
1.00000	-0.067065	-0.070855		-0.060769
-1.12E-05	-0.155600	-3.690914		

COMB DB-G1-2					MAX
REL_DIST	P	M2	M3	V2	V3
0.00000	4.367769	16.937119			0.126325
0.001292	0.332428	29.178110			
0.25000	3.236413	48.343496			0.126325
0.001292	0.738767	110.035147			
0.50000	2.241868	89.496013			0.126325
0.001292	0.042189	141.091807			
0.25000	1.194509	128.526690			0.126325
0.001292	0.114660	107.504970			
1.00000	0.393314	171.667269			0.126325
0.001292	0.210534	24.943678			

[illegible]

COMB CAR										MAX										MIN																			
REL_DIST										P										V2										V3									
0.00000										4.460215										17.837772										0.338231									
0.001458										0.862195										28.037016																			
0.25000										3.315231										49.978921										0.338231									
0.001458										0.441062										110.110163																			
0.50000										2.305310										92.079829										0.338231									
0.001458										0.048230										141.480082																			
0.75000										1.241579										131.952429										0.338231									
0.001458										0.310737										107.287468																			
1.00000										0.445656										176.148164										0.338231									
0.001458										0.590715										22.784778																			
COMB CAR										MIN										MAX																			
REL_DIST										P										V2										V3									
0.00000										-0.515856										-174.117161										-0.222652									
-0.001550										-0.541089										-122.278938																			
0.25000										-1.307962										-130.175265										-0.222652									
-0.001550										-0.273799										-50.096171																			
0.50000										-2.372067										-90.235062										-0.222652									
-0.001550										-0.044672										-48.736878																			
0.75000										-3.381142										-48.160145										-0.222652									
-0.001550										-0.437909										-49.616211																			
1.00000										-4.528784										-16.096963										-0.222652									
-0.001550										-0.849967										-122.042053																			
COMB DESIGN										MAX										MIN																			
REL_DIST										P										V2										V3									
0.00000										4.460215										17.837772										0.338231									
0.001458										0.862195										28.037016																			
0.25000										3.315231										49.978921										0.338231									
0.001458										0.441062										110.110163																			
0.50000										2.305310										92.079829										0.338231									
0.001458										0.048230										141.480082																			
0.75000										1.241579										131.952429										0.338231									
0.001458										0.310737										107.287468																			
1.00000										0.445656										176.148164										0.338231									
0.001458										0.590715										22.784778																			
COMB DESIGN										MIN										MAX																			
REL_DIST										P										V2										V3									
0.00000										-0.515856										-174.117161										-0.222652									
-0.001550										-0.541089										-122.278938																			
0.25000										-1.307962										-130.175265										-0.222652									
-0.001550										-0.273799										-50.096171																			
0.50000										-2.372067										-90.235062										-0.222652									
-0.001550										-0.044672										-48.736878																			
0.75000										-3.381142										-48.160145										-0.222652									
-0.001550										-0.437909										-49.616211																			
1.00000										-4.528784										-16.096963										-0.222652									
-0.001550										-0.849967										-122.042053																			
COMB DESIGN										MIN										MAX																			
REL_DIST										P										V2										V3									
0.00000										4.460215										17.837772										0.338231									
0.001458										0.862195										28.037016																			
0.25000										3.315231										49.978921										0.338231									
0.001458										0.441062										110.110163																			
0.50000										2.305310										92.079829										0.338231									
0.001458										0.048230										141.480082																			
0.75000										1.241579										131.952429										0.338231									
0.001458										0.310737										107.287468																			
1.00000										0.445656										176.148164										0.338231									
0.001458										0.590715										22.784778																			
COMB DESIGN										MIN										MAX																			
REL_DIST										P										V2										V3									
0.00000										-0.515856										-174.117161										-0.222652									
-0.001550										-0.541089										-122.278938																			
0.25000										-1.307962										-130.175265										-0.222652									
-0.001550										-0.273799										-50.096171																			
0.50000										-2.372067										-90.235062										-0.222652									
-0.001550										-0.044672										-48.736878																			
0.75000										-3.381142										-48.160145										-0.222652									
-0.001550										-0.437909										-49.616211																			
1.00000										-4.528784										-16.096963										-0.222652									
-0.001550										-0.849967										-122.042053																			
COMB DESIGN										MIN										MAX																			
REL_DIST										P										V2										V3									
0.00000										4.460215										17.837772										0.338231									
0.001458										0.862195										28.037016																			
0.25000										3.315231										49.978921										0.338231									
0.001458										0.441062										110.110163																			
0.50000										2.305310										92.079829										0.338231									
0.001458										0.048230										141.480082																			
0.75000										1.241579										131.952429										0.338231									
0.001458										0.310737										107.287468																			
1.00000										0.445656										176.148164										0.338231									
0.001458										0.590715										22.784778																			
COMB DESIGN										MIN										MAX																			
REL_DIST										P										V2										V3									
0.00000										-0.515856										-174.117161										-0.222652									
-0.001550										-0.541089										-122.278938																			
0.25000										-1.307962										-130.175265										-0.222652									
-0.001550										-0.273799										-50.096171																			
0.50000										-2.372067										-90.235062										-0.222652									
-0.001550										-0.044672										-48.736878																			
0.75000										-3.381142										-48.160145										-0.222652									
-0.001550										-0.437909										-49.616211																			
1.00000										-4.528784										-16.096963										-0.222652									
-0.001550										-0.849967										-122.042053																			
COMB DESIGN										MIN										MAX																			
REL_DIST										P										V2										V3									
0.00000										4.460215										17.837772										0.338231									
0.001458										0.862195										28.037016																			
0.25000										3.315231										49.978921										0.338231									
0.001458										0.441062										110.110163																			
0.50000										2.305310										92.079829										0.338231									
0.001458										0.048230										141.480082																			
0.75000										1.241579										131.952429										0.338231									
0.001458										0.310737										107.287468																			
1.00000										0.445656										176.148164										0.338231									
0.001458										0.590715										22.784778																			
COMB DESIGN										MIN										MAX																			
REL_DIST										P										V2										V3									
0.00000										-0.515856										-174.117161										-0.222652									
-0.001550										-0.541089										-122.278938																			
0.25000										-1.307962										-130.175265										-0.222652									
-0.001550										-0.273799										-50.096171																			
0.50000										-2.372067										-90.235062										-0.222652									
-0.001550										-0.044672										-48.736878																			
0.75000										-3.381142										-48.160145										-0.222652									
-0.001550										-0.437909										-49.616211																			
1.00000										-4.528784										-16.096963										-0.222652									
-0.001550										-0.849967										-122.042053																			
COMB DESIGN										MIN										MAX																			
REL_DIST										P										V2										V3									
0.00000										4.460215										17.837772										0.338231									
0.001458										0.862195										28.037016																			
0.25000										3.315231										49.978921										0.338231									
0.001458										0.441062										110.110163																			
0.50000										2.305310										92.079829										0.338231									
0.001458										0.048230										141.480082																			
0.75000										1.241579										131.952429										0.338231									
0.001458										0.310737										107.287468																			
1.00000										0.445656										176.148164										0.338231									
0.001458										0.590715										22.784778																			
COMB DESIGN										MIN										MAX																			
REL_DIST										P										V2										V3									
0.00000										-0.515856										-174.117161										-0.222652									
-0.001550										-0.541089										-122.278938																			
0.25000										-1.307962										-130.175265										-0.222652									
-0.001550										-0.273799										-50.096171																			
0.50000										-2.372067										-90.235062										-0.222652									
-0.001550										-0.044672										-48.736878																			
0.75000										-3.381142										-48.160145										-0.222652									
-0.001550										-0.437909										-49.616211																			
1.00000										-4.528784										-16.096963										-0.222652									
-0.001550										-0.849967										-122.042053																			
COMB DESIGN										MIN										MAX																			
REL_DIST										P										V2										V3									
0.00000										4.460215										17.837772										0.338231									
0.001458										0.862195										28.037016																			
0.25000										3.315231										49.978921										0.338231									
0.001458										0.441062										110.110163																			
0.50000										2.305310										92.079829										0.338231									
0.001458										0.048230										141.480082																			
0.75000										1.241579										131.952429										0.338231									
0.001458										0.310737										107.287468																			
1.00000										0.445656										176.148164										0.338231									
0.001458										0.590715										22.784778																			

ELEM	190	=====	LENGTH =	REL_DIST	P	V2	V3	-0.001228	-0.320086	-48.080025	-0.260509	0.001240	0.046910	96.496484				
5.022717				0.25000	M2	M3		1.00000	-3.848458	-17.767842		0.75000	0.982566	112.720919	0.293999			
COMB DB-G1-1	-----	MAX		0.001063	0.185154	100.62471	0.130281	-0.001228	-0.633448	-102.205719		0.001240	0.368505	68.442536	0.293999			
REL_DIST	P	V2	V3	0.50000	2.293847	87.981469	0.130281				MAX	0.001240	0.751643	17.104758				
T	M2	M3		0.001063	0.045324	133.920065	0.130281	REL_DIST	P	V2	V3	COMB	DL	-----	MIN			
0.00000	0.041808	0.071349	0.045388	0.75000	1.244138	127.270840	0.130281	0.00000	M2	M3		REL_DIST	T	M2	M3	V2	V3	
0.000439	0.116812	0.767513		0.001063	0.230986	102.226802		0.000930	0.018543	0.101803	0.164071	0.00000	-0.439065	-152.393314	-0.290008			
0.25000	0.009492	0.004963	0.045388	1.00000	0.440994	169.752300	0.130281	0.000930	0.415807	1.013206		-0.001228	-0.715520	-112.024161	-0.290008			
0.000439	0.061781	0.754445		0.001063	0.436207	21.136944		0.25000	0.018080	0.109900	0.164071	0.25000	-0.877883	-115.352760	-0.290008			
0.50000	0.040228	0.125970	0.045388					0.000930	0.209429	0.932246		-0.001228	-0.364037	-52.290975	-0.290008			
0.000439	0.004622	0.710581		REL_DIST	P	V2	V3	0.50000	0.017553	0.128900	0.164071	0.50000	-0.071781	-39.252467	-0.290008			
0.75000	0.039442	0.155400	0.045388	0.00000	-0.392934	-172.081553	-0.163398	0.000930	0.008273	0.863373	0.164071	-0.001228	-0.439065	-152.393314	-0.290008			
0.000439	0.067393	0.623571		0.25000	-1.192870	-129.178098	-0.163398	0.50000	0.017069	0.149624	0.164071	0.25000	-0.877883	-115.352760	-0.290008			
1.00000	0.038940	0.187222	0.045388	0.000564	-0.205591	-48.819937		1.00000	0.016845	0.167884	0.164071	0.75000	-2.920074	-34.613404	-0.290008			
0.000439	0.135583	0.895304		0.50000	-2.241510	-89.979622	-0.163398	0.000930	0.410587	1.028778		-0.001228	-0.364330	-48.080025	-0.290008			
COMB DB-G1-1	-----	MIN		0.75000	-0.036989	-46.841536	-0.163398	COMB DL-G2-1	-----	MIN		1.00000	-3.860685	-17.771636	-0.290008			
REL_DIST	P	V2	V3	-0.000564	-2.377610	-48.553766		REL_DIST	P	V2	V3	COMB	CAR	-----	MAX			
0.00000	-0.013796	-0.580894	-0.054261	-0.000564	-0.165240	-47.157776	-0.163398	0.00000	-0.043312	-0.736633	-0.162114	REL_DIST	T	M2	M3	V2	V3	
-0.000842	-0.136926	-3.278590		0.25000	-1.192870	-129.178098	-0.163398	-0.000466	-0.402121	-7.785125		0.00000	4.544093	15.711327	0.293999			
0.25000	-0.014395	-0.548757	-0.054261	0.50000	-2.241510	-89.979622		0.25000	-0.043528	-0.718373	-0.162114	T	M2	M3				
-0.000842	-0.068754	-3.133926		0.75000	-0.036989	-46.841536	-0.163398	-0.000466	-0.197795	-7.027141		0.00000	0.771199	18.219073	0.293999			
0.50000	-0.014395	-0.548757	-0.054261	0.001230	0.219923	103.250175		0.50000	0.044009	-0.697625	-0.162114	0.25000	3.402774	47.728216	0.293999			
-0.000842	-0.068754	-3.133926		REL_DIST	P	V2	V3	-0.000466	-0.001232	-6.325754	-0.162114	0.001240	0.401928	103.250175	0.293999			
-0.000842	-0.000842	-3.042630		T	M2	M3		0.75000	-0.044535	-0.678573	-0.162114	0.50000	2.387991	90.033964	0.293999			
0.75000	-0.015926	-0.488364	-0.054261	0.00000	4.528687	15.508431	0.154370	-0.000466	-0.201972	-5.699816	-0.162114	0.001240	0.049206	137.235165	0.293999			
-0.000842	-0.052127	-2.953072		0.001230	0.413240	18.219073	0.154370	1.00000	-0.044998	-0.670271	-0.162114	0.75000	1.315165	130.188585	0.293999			
1.00000	-0.016750	-0.464678	-0.054261	0.50000	3.387368	47.728216	0.154370	-0.000466	-0.408192	-5.156263		0.001240	0.368505	105.146729	0.293999			
-0.000842	-0.109116	-2.916029		0.001230	0.219923	103.250175	0.154370	Program	SAP2000	Nonlinear	Version 7.42	0.50000	2.387991	173.605992	0.293999			
COMB DB-G1-2	-----	MAX		0.50000	2.372584	90.033964	0.154370	File:2교부산방향S1-S403.OUT				0.001240	0.751643	22.669303				
REL_DIST	P	V2	V3	0.001230	0.049206	137.235165	0.154370	<	MOVING	Page	LOAD	>	COMB	CAR	-----	MIN		
T	M2	M3		0.75000	1.299758	130.188585	0.154370	FRAME	ELEMENT	INTERNAL		REL_DIST	T	M2	M3	V2	V3	
0.00000	4.431019	15.053212	0.084957	0.001230	0.253667	105.146729	0.154370	FORCES				0.00000	-0.439065	-176.305492	-0.290008			
0.000521	0.241897	17.350368		1.00000	0.478926	173.605592	0.154370	COMB DL-G2-2	-----	MAX		-0.001236	-0.715520	-126.691883	-0.290008			
0.25000	3.314293	46.578728	0.084957	0.001230	0.479488	22.668978		REL_DIST	P	V2	V3	0.25000	-1.222761	-132.457197	-0.290008			
0.000521	0.135759	100.601676	0.084957	0.50000	2.372584	90.033964	0.154370	COMB DL-G2-3	-----	MIN		0.001236	-0.364037	-52.290975	-0.290008			
0.000521	0.045276	133.907047		REL_DIST	P	V2	V3	0.00000	-0.405209	-176.304081	-0.179804	-0.001236	-0.364037	-52.290975	-0.290008			
Program	SAP2000	Nonlinear	Version 7.42	0.00000	-0.432836	-126.691883	-0.179804	T	M2	M3		0.50000	-0.877883	-115.352760	-0.290008			
File:2교부산방향S1-S403.OUT				-0.001065	-1.222761	-132.455787	-0.179804	0.00000	3.905329	15.549621	0.256227	0.75000	-3.312531	-50.057318	-0.290008			
<	MOVING	Page	LOAD	>	-0.001065	-0.227139	-51.833265	0.001120	0.670798	14.786598	0.256227	-0.001236	-0.364037	-52.290975	-0.290008			
FRAME	ELEMENT	INTERNAL		0.50000	-2.294495	-92.394063	-0.179804	0.25000	2.964627	31.971153	0.256227	0.001236	-0.364037	-52.290975	-0.290008			
REL_DIST	P	V2	V3	-0.001065	-0.038312	-49.737207	-0.179804	0.001120	0.301611	66.287497	0.256227	0.50000	-0.877883	-115.352760	-0.290008			
0.75000	1.271667	127.262246	0.084957	0.001065	-3.312531	-50.056908	-0.179804	0.001120	1.896496	70.502717	0.256227	-0.001236	-0.364037	-52.290975	-0.290008			
0.000521	0.151036	102.234993		-0.001065	-0.191398	-49.986978	-0.179804	0.001120	0.041278	95.861165	0.256227	0.75000	-3.312531	-50.057318	-0.290008			
1.00000	0.468523	159.743706	0.084957	1.00000	-4.436186	-17.738901	-0.179804	0.75000	0.016210	112.530520	0.256227	-0.001236	-0.364037	-52.290975	-0.290008			
0.000521	0.280670	21.152037		-0.001065	-0.381541	-121.817176	-0.179804	0.001120	0.344995	67.564934	0.256227	0.00000	4.544093	15.711327	0.293999			
COMB DB-G1-2	-----	MIN		REL_DIST	P	V2	V3	0.001120	0.461589	149.562698	0.256227	0.001240	0.771199	18.219073	0.293999			
REL_DIST	P	V2	V3	T	M2	M3		COMB DL-G2-2	-----	MIN		0.25000	3.402774	47.728216	0.293999			
0.00000	0.058614	0.091535	0.083802	0.00000	0.218306	0.972732	0.083802	REL_DIST	P	V2	V3	0.50000	2.387991	90.033964	0.293999			
-0.001065	-0.432836	-126.691883	-0.179804	0.000411	0.058614	0.091535	0.083802	T	M2	M3		0.001240	0.049206	137.235165	0.293999			
0.25000	-1.222761	-132.455787	-0.179804	0.000411	0.112954	0.903526	0.083802	0.00000	-0.431852	-151.735514	-0.256269	0.75000	1.315165	130.188585	0.293999			
-0.001065	-0.227139	-51.833265	-0.179804	0.50000	0.057623	0.118632	0.083802	-0.000528	-0.631691	-106.837724	-0.256269	0.001240	0.368505	105.146729	0.293999			
0.50000	-2.294495	-92.394063	-0.179804	0.000411	0.008209	0.846272	0.083802	0.25000	-0.870541	-114.705916	-0.256269	0.50000	-0.877883	-115.352760	-0.290008			
-0.001065	-0.038312	-49.737207	-0.179804	0.75000	0.057140	0.139356	0.083802	-0.000528	-0.321871	-47.662696	-0.256269	0.001240	0.049206	137.235165	0.293999			
0.001065	-3.312531	-50.056908	-0.179804	0.000411	0.08154	0.858423	0.083802	0.50000	-1.846786	-72.628072	-0.256269	0.75000	-3.312531	-50.057318	-0.290008			
-0.001065	-0.191398	-49.986978	-0.179804	0.000411	0.056916	0.157616	0.083802	-0.000528	-0.036374	-45.847379	-0.256269	0.001240	0.368505	105.146729	0.293999			
1.00000	-4.436186	-17.738901	-0.179804	0.000411	0.215997	1.040213	0.083802	0.75000	-2.912127	-33.990440	-0.256269	0.50000	-0.877883	-115.352760	-0.290008			
-0.001065	-0.381541	-121.817176	-0.179804	COMB DL-G1-1	-----	MIN		-0.000528	-0.322633	-44.268812	-0.256269	0.001240	0.751643	22.669303				
REL_DIST	P	V2	V3	0.00000	-0.020171	-0.729315	-0.085921	REL_DIST	P	V2	V3	COMB DESIGN	-----	MAX				
T	M2	M3		0.000891	-0.214654	-7.677633	-0.085921	T	M2	M3		REL_DIST	T	M2	M3	V2	V3	
0.00000	0.058614	0.091535	0.083802	0.25000	-0.202037	-7.677633	-0.085921	0.00000	-0.431852	-151.735514	-0.256269	0.00000	4.544093	15.711327	0.293999			
-0.001065	-0.227139	-51.833265	-0.179804	0.000891	-0.107037	-6.934080	-0.085921	REL_DIST	P	V2	V3	0.001240	0.771199	18.219073	0.293999			
0.50000	-2.294495	-92.394063	-0.179804	0.50000	-0.020868	-0.690307	-0.085921	0.00000	3.925205	15.711327	0.293999	0.50000	2.387991	90.033964	0.293999			
-0.001065	-0.038312	-49.737207	-0.179804	0.75000	-0.009692	-5.635669	-0.085921	0.001240	0.771199	15.597935	0.293999	0.001240	0.049206	137.235165	0.293999			
0.001065	-3.312531	-50.056908	-0.179804	0.000891	-0.021394	-0.671255	-0.085921	0.25000	3.311525	32.137718	0.293999	0.75000	1.315165	130.188				

[illegible]

0.02E-05	-0.110593	-3.561411				0.25000	3.009622	32.852503	0.191577	-0.001223	-0.342366	-121.084191	0.50000	2.290222	88.294008	0.062130									
1.00000	-0.011771	-0.761873	-0.105678			0.000675	0.270375	72.629053		Program	SAP2000	Nonlinear	Version	7.42	3.50E-07	0.039967	144.676828								
-1.02E-05	-0.221087	-3.732768				0.50000	1.948907	71.251884	0.191577	File:2교부선방향S1~S403.OUT					0.75000	1.242499	127.329230								
COMB DB-G2-2 ----- MAX																									
REL_DIST	M2	P	M3	V2	V3					<	MOVING	Page	LOAD	>											
0.00000	4.421394		M3			0.122675												COMB DB-G1-2 ----- MIN							
0.001263	0.307820	23.682049		0.122675		0.00000	0.00000	-0.414118	-151.868931									-0.259574	REL_DIST	M2	P	M3	V2	V3	
Program	SAP2000	Nonlinear	Version	7.42		0.25000	0.001076	-0.663512	-100.329653	-0.259574	0.00000	-0.272585	-116.232258	-0.104470	0.25000	-1.220326	-128.408816								
File:2교부선방향S1~S403.OUT																		0.50000	-0.874884	-114.971338	-0.259574	0.00000	-0.145482	-45.199724	-0.104470
< MOVING 1161 LOAD >																		0.001041	-0.286006	-89.381336	-0.104470				
FRAME ELEMENT INTERNAL FORCES																		0.00000	-0.055256	-43.648381	-0.104470				
REL_DIST	M2	P	M3	V2	V3					<	MOVING	Page	LOAD	>											
0.25000	3.297890	46.958502		0.122675		COMB DL-G1-3 ----- MIN	REL_DIST	M2	P	M3	V2	V3	COMB DB-G1-3 ----- MAX	REL_DIST	M2	P	M3	V2	V3						
0.001263	0.158837	106.670320		0.122675		0.00000	0.00000	-0.414118	-151.868931	-0.259574	0.00000	-0.418414	-171.532901	-0.104470	0.00000	-0.418414	-171.532901	-0.104470							
0.50000	2.309798	88.131727		0.122675		0.25000	0.001076	-0.663512	-100.329653	-0.259574	0.25000	-1.220326	-128.408816	-0.104470	0.25000	-1.220326	-128.408816	-0.104470							
0.001263	0.042199	140.460706		0.122675		0.50000	-0.001076	-0.347078	-44.144718	-0.259574	0.001247	0.600784	18.996638	0.228062	0.001041	-0.286006	-89.381336	-0.104470							
0.75000	1.668298	127.198344		0.122675		0.00000	0.001076	-0.051348	-44.090394	-0.259574	0.001247	0.316457	72.562421	0.228062	-0.001041	-0.055256	-43.648381	-0.104470							
1.00000	0.329284	109.580255		0.122675		0.25000	0.75000	-2.906030	-34.664865	-0.259574	0.50000	1.955911	71.261802	0.228062	0.00000	-0.082598	-44.504031	-0.104470							
0.001263	0.460767	28.743637		0.122675		0.50000	0.001076	-0.236234	-44.327544	-0.259574	0.001247	0.039563	103.136787	0.228062	1.00000	-4.391710	-16.827045	-0.104470							
COMB DB-G2-2 ----- MIN																		0.001247	0.982237	113.110282	0.228062				
REL_DIST	M2	P	M3	V2	V3	COMB DL-G2-1 ----- MAX	REL_DIST	M2	P	M3	V2	V3	COMB DB-G1-3 ----- MAX	REL_DIST	M2	P	M3	V2	V3						
0.00000	-0.383586	-171.824326	-0.176696			0.00000	0.00000	0.057747	0.249723	0.143476	0.00000	-0.414118	-151.873675	-0.293274	0.00000	-0.415591	16.321646	0.116133							
-3.77E-07	-0.453910	-117.405909	-0.176696			0.25000	0.001073	0.365884	2.229430	0.143476	0.00000	-0.274851	-100.329653	-0.293274	0.000613	0.291146	33.256613	0.116133							
0.25000	-1.179670	-128.700825	-0.176696			0.50000	0.000675	0.057286	0.258129	0.143476	0.25000	-0.389435	-44.144718	-0.293274	0.25000	3.397963	48.412054	0.116133							
-3.77E-07	-0.237470	-46.281128	-0.176696			0.00000	0.001073	0.185553	7.425177	0.143476	0.00000	-1.846563	-73.104864	-0.293274	0.000613	0.149864	117.677443	0.116133							
-3.77E-07	-0.220951	-89.653648	-0.176696			0.25000	0.50000	0.066763	0.277658	0.143476	0.25000	-0.051348	-44.090394	-0.293274	0.50000	2.381473	90.464315	0.116133							
-3.77E-07	-0.047739	-44.891736	-0.176696			0.00000	0.001073	0.0202188	4.318048	0.143476	0.00000	-0.290630	-34.669609	-0.293274	0.000613	0.044097	151.938047	0.116133							
0.75000	-3.209482	-48.473307	-0.176696			0.25000	0.001073	0.056054	0.315869	0.143476	0.25000	-0.282014	-44.327544	-0.293274	1.00000	0.490968	174.366207	0.116133							
-3.77E-07	-0.154183	-45.912677	-0.176696			0.50000	0.001073	0.410531	5.212506		1.00000	-3.841176	-17.507299	-0.293274	0.000613	0.424698	37.944559								
1.00000	-4.326892	-17.041757	-0.176696			COMB DL-G2-1 ----- MIN	COMB DL-G2-1 ----- MIN	REL_DIST	M2	P	M3	V2	V3	COMB DB-G1-3 ----- MIN	REL_DIST	M2	P	M3	V2	V3					
-3.77E-07	-0.308209	-116.335843				0.00000	0.00000	-0.016715	-0.922353	-0.165316	0.00000	-0.414118	-176.236106	-0.293274	0.00000	-0.428793	-175.891933	-0.165950							
COMB DB-G2-3 ----- MAX																		0.25000	-0.000928	-0.430314	-121.011295	-0.165950			
REL_DIST	M2	P	M3	V2	V3	COMB DL-G2-2 ----- MAX	REL_DIST	M2	P	M3	V2	V3	COMB DB-G2-1 ----- MAX	REL_DIST	M2	P	M3	V2	V3						
0.00000	4.362618	15.992376	0.136233			0.00000	0.00000	-0.016942	-0.904165	-0.165316	0.00000	-0.414118	-176.236106	-0.293274	0.00000	-0.428793	-175.891933	-0.165950							
0.001126	0.341758	26.331716	0.136233			0.25000	0.00000	-0.418171	-4.464675	-0.165316	0.25000	-0.274851	-100.329653	-0.293274	-0.000928	-0.430314	-121.011295	-0.165950							
0.25000	3.387972	48.094308	0.136233			0.50000	0.00000	-0.016942	-0.904165	-0.165316	0.00000	-0.389435	-44.144718	-0.293274	0.25000	-1.248365	-131.818149	-0.165950							
0.001126	0.175863	111.387300	0.136233			0.00000	0.00000	-0.017421	-0.883524	-0.165316	0.00000	-0.389435	-44.144718	-0.293274	-0.000928	-0.226133	-48.353621	-0.165950							
0.50000	2.378120	90.174269	0.136233			0.25000	0.00000	-0.006628	-4.527290	-0.165316	0.00000	-0.274851	-100.329653	-0.293274	0.50000	-0.062899	-46.707284	-0.165950							
0.001126	0.046217	146.269739	0.136233			0.50000	0.00000	-0.017944	-0.864577	-0.165316	0.00000	-0.389435	-44.144718	-0.293274	0.00000	-0.428793	-175.891933	-0.165950							
0.75000	1.313684	130.101230	0.136233			0.00000	0.00000	-0.173955	-4.942672	-0.165316	0.00000	-0.274851	-100.329653	-0.293274	0.25000	-1.248365	-131.818149	-0.165950							
0.001126	0.257413	115.218660	0.136233			0.25000	0.00000	-0.018405	-0.856117	-0.165316	0.00000	-0.389435	-44.144718	-0.293274	0.50000	-0.062899	-46.707284	-0.165950							
1.00000	0.499396	174.035712	0.136233			0.50000	0.00000	-0.354422	-5.184755		0.00000	-0.389435	-44.144718	-0.293274	0.75000	1.310676	130.359189	0.116133							
0.001126	0.496547	33.222494				Program	SAP2000	Nonlinear	Version	7.42	0.001263	0.373387	115.226055	0.228062	Program	SAP2000	Nonlinear	Version	7.42						
COMB DB-G2-3 ----- MIN																		File:2교부선방향S1~S403.OUT							
REL_DIST	M2	P	M3	V2	V3	COMB DL-G2-2 ----- MIN	REL_DIST	M2	P	M3	V2	V3	COMB DB-G2-1 ----- MIN	REL_DIST	M2	P	M3	V2	V3						
0.00000	0.035628	0.235108	0.055536			0.00000	0.00000	-0.390308	-151.124759	-0.264553	0.00000	-0.414118	-176.236106	-0.293274	0.00000	-0.428793	-175.891933	-0.165950							
1.01E-05	0.144670	2.233407	0.055536			0.25000	0.00000	-0.418171	-4.464675	-0.165316	0.00000	-0.389435	-44.144718	-0.293274	-0.000928	-0.430314	-121.011295	-0.165950							
0.25000	0.035167	0.243514	0.055536			0.50000	0.00000	-0.016942	-0.904165	-0.165316	0.00000	-0.274851	-100.329653	-0.293274	0.25000	-1.248365	-131.818149	-0.165950							
0.001015	0.074708	2.760107	0.055536			0.00000	0.00000	-0.017421	-0.883524	-0.165316	0.00000	-0.389435	-44.144718	-0.293274	-0.000928	-0.226133	-48.353621	-0.165950							
0.50000	0.034644	0.262443	0.055536			0.25000	0.00000	-0.006628	-4.527290	-0.165316	0.00000	-0.274851	-100.329653	-0.293274	0.50000	-0.062899	-46.707284	-0.165950							
1.01E-05	0.006754	3.462047	0.055536			0.50000	0.00000	-0.017944	-0.864577	-0.165316	0.00000	-0.389435	-44.144718	-0.293274	0.00000	-0.428793	-175.891933	-0.165950							
0.75000	0.034164	0.283072	0.055536			0.00000	0.00000	-0.173955	-4.942672	-0.165316	0.00000	-0.274851	-100.329653	-0.293274	0.25000	-1.248365	-131.818149	-0.165950							
1.01E-05	0.095184	4.335894	0.055536			0.25000	0.00000	-0.018405	-0.856117	-0.165316	0.00000	-0.389435	-44.144718	-0.293274	0.50000	-0.062899	-46.707284	-0.165950							
1.00000	0.039335	0.301254	0.055536			0.50000	0.00000	-0.354422	-5.184755		0.00000	-0.389435	-44.144718	-0.293274	0.75000	1.310676	130.359189	0.116133							
1.01E-05	0.194504	5.219533				Program	SAP2000	Nonlinear	Version	7.42	0.001263	0.373387	115.226055	0.228062	Program	SAP2000	Nonlinear	Version	7.42						
COMB DL-G1-1 ----- MIN																		File:2교부선방향S1~S403.OUT							
REL_DIST	M2	P	M3	V2	V3	COMB DL-G2-2 ----- MAX	REL_DIST	M2	P	M3	V2	V3	COMB DB-G2-1 ----- MAX	REL_DIST	M2	P	M3	V2	V3						
0.00000	0.035628	0.235108	0.055536			0.00000	0.00000	-0.390308	-151.124759	-0.264553	0.00000	-0.414118	-176.236106	-0.293274	0.00000	-0.428793	-175.891933	-0.165950							
1.01E-05	0.144670	2.233407	0.055536	</																					

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	M2	M3	V2	V3
0.25000	-1.240596	-131.819190		-0.181187
-0.000597	-0.246729	-48.377116		
0.50000	-2.311348	-91.932229		-0.181187
-0.000597	-0.062754	-46.077898		
0.75000	-3.328027	-49.877606		-0.181187
-0.000597	-0.174686	-47.544365		
1.00000	-4.481822	-17.780113		-0.181187
-0.000597	-0.342642	-119.190806		
COMB DL-G1-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	0.028109	0.219986		0.045955
8.39E-06	0.117458	5.219353		
0.25000	0.027644	0.228436		0.045955
8.39E-06	0.060129	5.790433		
0.50000	0.027118	0.247356		0.045955
8.39E-06	0.007587	6.399791		
0.75000	0.026635	0.267976		0.045955
8.39E-06	0.086135	7.068992		
0.00000	0.026404	0.286150		0.045955
8.39E-06	0.172291	7.764849		
COMB DL-G1-1 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-0.037306	-0.872876		-0.069572
-0.000816	-0.177705	-5.093692		
0.25000	-0.037537	-0.854700		-0.069572
-0.000816	-0.091025	-5.126863		
0.50000	-0.038019	-0.834077		-0.069572
-0.000816	-0.013113	-5.187589		
0.75000	-0.038545	-0.815144		-0.069572
-0.000816	-0.057054	-5.248124		
1.00000	-0.039099	-0.806669		-0.069572
-0.000816	-0.114261	-5.332733		
COMB DL-G1-2 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	3.907852	15.606696		0.080375
1.95E-07	0.224506	22.373427		
0.25000	2.965227	32.763419		0.080375
1.95E-07	0.124949	76.022953		
0.50000	1.898279	71.114243		0.080375
1.95E-07	0.034569	105.843424		
0.75000	0.918944	112.930914		0.080375
1.95E-07	0.176830	178.686662		
1.00000	0.049268	149.871121		0.080375
1.95E-07	0.340914	26.266223		
COMB DL-G1-2 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-0.415199	-150.926455		-0.134134
-0.000948	-0.353588	-96.544534		
0.25000	-0.882983	-114.066978		-0.134134
-0.000948	-0.194119	-40.945598		
0.50000	-1.860911	-72.842566		-0.134134
-0.000948	-0.057394	-40.681390		
0.75000	-2.926830	-33.846990		-0.134134
-0.000948	-0.108406	-40.661704		
1.00000	-3.868313	-16.659215		-0.134134
-0.000948	-0.194559	-95.891130		
COMB DL-G1-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	3.964582	15.915031		0.160230
0.000549	0.789292	25.789292		
0.25000	0.321679	33.056824		0.160230
0.000549	0.229940	79.983630		
0.50000	1.954414	71.439000		0.160230
0.000549	0.039288	110.088508		
0.75000	0.974799	113.268043		0.160230
0.000549	0.040266	83.015492		
1.00000	0.504975	150.135155		0.160230
0.000549	0.569081	31.687294		
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COMB DL-G1-3 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-0.418528	-151.663630		-0.227712
-0.000846	-0.594184	-101.911415		
0.25000	-0.886451	-114.793248		-0.227712
-0.000846	-0.316765	-44.507771		
0.50000	-1.864668	-72.956132		-0.227712
-0.000846	-0.065075	-44.254759		
0.75000	-2.930903	-34.549626		-0.227712
-0.000846	-0.203098	-44.117179		
1.00000	-3.872664	-17.356666		-0.227712
-0.000846	-0.389818	-99.412562		
COMB DL-G2-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	0.063462	0.226663		0.128673
0.000841	0.329915	5.176858		
0.25000	0.062997	0.235313		0.128673
0.000841	0.160047	5.761163		
0.50000	0.062471	0.254234		0.128673
0.000841	0.007608	6.381976		
0.75000	0.061988	0.274854		0.128673
0.000841	0.179579	7.061223		
1.00000	0.061756	0.293027		0.128673
0.000841	0.370698	7.768012		
COMB DL-G2-1 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-0.481824	-151.668240		-0.260330
-8.18E-06	-0.387814	-5.152314		
0.25000	-0.013472	-0.863766		-0.260330
-8.18E-06	-0.197168	-5.199632		
0.50000	-0.013954	-0.843143		-0.260330
-8.18E-06	-0.012261	-5.273898		
0.75000	-0.014480	-0.824210		-0.260330
-8.18E-06	-0.153499	-5.348205		
1.00000	-0.014944	-0.815735		-0.260330
-8.18E-06	-0.315705	-0.450059		
COMB DL-G2-2 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	3.954512	15.613841		0.183337
0.001000	0.487286	21.984327		
0.25000	0.311888	32.750564		0.183337

0.001000	0.258304	75.968697		
0.50000	1.944939	71.121388		0.183337
0.001000	0.034715	105.820804		
0.75000	0.965055	112.938059		0.183337
0.001000	0.297803	78.175447		
1.00000	0.495929	149.794266		0.183337
0.001000	0.594017	26.267690		
COMB DL-G2-2 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-0.385886	-150.936177		-0.237621
-1.90E-07	-0.618473	-96.623312		
0.25000	-0.853670	-114.076700		-0.237621
-1.90E-07	-0.327305	-41.039403		
0.50000	-1.831599	-72.251958		-0.237621
-1.90E-07	-0.055935	-40.791377		
0.75000	-2.897518	-33.856712		-0.237621
-1.90E-07	-0.230771	-40.786488		
1.00000	-3.839000	-16.668937		-0.237621
-1.90E-07	-0.447701	-96.031397		
COMB DL-G2-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	3.977084	15.918643		0.194900
0.000893	0.518391	25.772810		
0.25000	0.304180	33.060436		0.194900
0.000893	0.274833	79.973663		
0.50000	1.966916	71.442612		0.194900
0.000893	0.039412	110.082307		
0.75000	0.987292	113.271655		0.194900
0.000893	0.323879	83.008973		
1.00000	0.517477	150.138767		0.194900
0.000893	0.648268	31.690754		
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COMB DL-G2-3 ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-0.409505	-151.668240		-0.260330
-0.000534	-0.678072	-99.898040		
0.25000	-0.877427	-114.797858		-0.260330
-0.000534	-0.358580	-44.337828		
0.50000	-1.855645	-72.960742		-0.260330
-0.000534	-0.064072	-44.129838		
0.75000	-2.921879	-34.554136		-0.260330
-0.000534	-0.243173	-44.164918		
1.00000	-3.863640	-17.361276		-0.260330
-0.000534	-0.474619	-99.466137		
COMB DB ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	4.563646	16.321646		0.136723
0.001082	0.343783	33.256613		
0.25000	3.405658	48.412054		0.136723
0.001082	0.176630	117.677743		
0.50000	2.389168	90.464315		0.136723
0.001082	0.044191	151.938047		
0.75000	1.318371	130.359189		0.136723
0.001082	0.237986	120.285884		
1.00000	0.406963	174.366207		0.136723
0.001082	0.461656	37.944559		
COMB DB ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-0.428793	-175.892974		-0.181187
-0.001041	-0.469928	-121.034830		
0.25000	-1.248365	-131.819190		-0.181187
-0.001041	-0.246729	-48.377116		
0.50000	-2.319117	-91.932229		-0.181187
-0.001041	-0.062899	-46.730739		
0.75000	-3.335795	-49.877606		-0.181187
-0.001041	-0.174686	-47.544365		
1.00000	-4.489591	-17.780113		-0.181187
-0.001041	-0.342642	-119.190806		
COMB DL ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	3.977084	15.918643		0.194900
0.001000	0.518391	25.789292		
0.25000	0.304180	33.060436		0.194900
0.001000	0.274833	79.983630		
0.50000	1.966916	71.442612		0.194900
0.001000	0.039412	110.088508		
0.75000	0.987292	113.271655		0.194900
0.001000	0.323879	83.010753		
1.00000	0.517477	150.138767		0.194900
0.001000	0.648268	31.690754		
COMB DL ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-0.418528	-151.668240		-0.260330
-0.000948	-0.678072	-100.112515		
0.25000	-0.886451	-114.797858		-0.260330
-0.000948	-0.358580	-44.507771		
0.50000	-1.864668	-72.960742		-0.260330
-0.000948	-0.065075	-44.254759		
0.75000	-2.930903	-34.554136		-0.260330
-0.000948	-0.243173	-44.164918		
1.00000	-3.872664	-17.361276		-0.260330
-0.000948	-0.474619	-99.466137		
COMB CAR ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	4.563646	16.321646		0.194900
0.001082	0.343783	33.256613		
0.25000	3.405658	48.412054		0.194900
0.001082	0.176630	117.677743		
0.50000	2.389168	90.464315		0.194900
0.001082	0.044191	151.938047		
0.75000	1.318371	130.359189		0.194900
0.001082	0.323879	120.285884		
1.00000	0.517477	174.366207		0.194900
0.001082	0.648268	37.944559		
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COMB CAR ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-0.428793	-175.892974		-0.260330

REL_DIST	P	M2	M3	V2	V3
0.00000	-0.421283	-150.500056		-0.126820	
-0.000716	-0.322094	-95.906710			
0.25000	-0.884286	-113.631534		-0.126820	
-0.000716	-0.172371	-40.320015			
0.50000	-1.855962	-71.813949		-0.126820	
-0.000716	-0.061089	-39.639478			
0.75000	-2.914759	-33.418919		-0.126820	
-0.000716	-0.141385	-39.701209			
1.00000	-3.849564	-16.287921		-0.126820	
-0.000716	-0.242413	-94.827601			

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

REL_DIST	P	M2	M3	V2	V3
0.00000	3.909176	16.411421		0.157296	
0.000648	0.404136	31.671095			
0.25000	2.973372	33.559707		0.157296	
0.000648	0.209088	84.851263			
0.50000	1.913587	71.966233		0.157296	
0.000648	0.036722	113.656431			
0.75000	0.940989	113.810307		0.157296	
0.000648	0.269570	85.333666			
1.00000	0.477252	150.684039		0.157296	
0.000648	0.523425	32.730874			

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

REL_DIST	P	M2	M3	V2	V3
0.00000	-0.422419	-151.082296		-0.203708	
-0.000822	-0.521090	-99.408497			
0.25000	-0.885559	-114.202866		-0.203708	
-0.000822	-0.275477	-43.718070			
0.50000	-1.857522	-72.372909		-0.203708	
-0.000822	-0.070434	-43.150035			
0.75000	-2.916532	-33.966520		-0.203708	
-0.000822	-0.223401	-42.924411			
1.00000	-3.851714	-16.830454		-0.203708	
-0.000822	-0.409699	-97.979812			

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

REL_DIST	P	M2	M3	V2	V3
0.00000	0.054553	0.406048		0.112823	
0.000616	0.290392	7.738013			
0.25000	0.415409	14.414507		0.112823	
0.000616	0.147644	7.807559			
0.50000	0.053570	0.433434		0.112823	
0.000616	0.006611	7.905704			
0.75000	0.053090	0.454061		0.112823	
0.000616	0.152661	8.064602			
1.00000	0.052862	0.472238		0.112823	
0.000616	0.314794	8.254896			

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

REL_DIST	P	M2	M3	V2	V3
0.00000	-0.013983	-0.660856		-0.128718	
-0.000194	-0.332972	-5.422341			
0.25000	-0.014212	-0.642676		-0.128718	
-0.000194	-0.170968	-5.260785			
0.50000	-0.014691	-0.622056		-0.128718	
-0.000194	-0.014870	-0.625652			
0.75000	-0.015123	-0.603124		-0.128718	
-0.000194	-0.138528	-4.992424			
1.00000	-0.015674	-0.594676		-0.128718	
-0.000194	-0.279977	-4.885548			
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COMB DL-G2-2 ----- MAX

REL_DIST	P	M2	M3	V2	V3
0.00000	3.904866	15.983441		0.161074	
0.000733	0.429869	26.228861			
0.25000	2.969339	33.136652		0.161074	
0.000733	0.227703	79.544700			
0.50000	1.909867	71.521922		0.161074	
0.000733	0.032448	108.428098			
0.75000	0.937556	113.353519		0.161074	
0.000733	0.251962	79.889679			
1.00000	0.473957	150.216346		0.161074	
0.000733	0.498688	27.036037			

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

REL_DIST	P	M2	M3	V2	V3
0.00000	-0.383641	-150.514266		-0.197896	
-0.000256	-0.520384	-95.999814			
0.25000	-0.846644	-113.645743		-0.197896	
-0.000256	-0.280042	-40.421449			
0.50000	-1.818319	-71.828159		-0.197896	
-0.000256	-0.060244	-39.949972			
0.75000	-2.877116	-33.433128		-0.197896	
-0.000256	-0.152629	-39.920811			
1.00000	-1.819922	-16.802125		-0.197896	
-0.000256	-0.406091	-94.956343			

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

REL_DIST	P	M2	M3	V2	V3
0.00000	3.921603	16.414645		0.178252	
0.000838	0.464851	31.657573			
0.25000	2.985799	33.572931		0.178252	
0.000838	0.241859	84.843890			
0.50000	1.926014	71.959457		0.178252	
0.000838	0.036786	113.654433			
0.75000	0.953416	113.813531		0.178252	
0.000838	0.288892	85.336841			
1.00000	0.489679	150.687263		0.178252	
0.000838	0.567129	32.739221			

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

REL_DIST	P	M2	M3	V2	V3
0.00000	-0.411343	-151.088727		-0.222841	
-0.000640	-0.501632	-99.448192			
0.25000	-0.874483	-114.209296		-0.222841	
-0.000640	-0.306040	-43.756811			
0.50000	-1.846446	-72.373930		-0.222841	
-0.000640	-0.069860	-43.192306			
0.75000	-2.905555	-33.972950		-0.222841	
-0.000640	-0.244686	-40.071025			
1.00000	-3.840638	-16.836884		-0.222841	
-0.000640	-0.457064	-98.028963			

COMB DB ----- MAX

REL_DIST	P	M2	M3	V2	V3
0.00000	4.502071	17.020929		0.135149	
0.000980	0.344766	37.935288			
0.25000	3.355411	49.121491		0.135149	
0.000980	0.181206	121.310483			

0.50000	2.345845	91.181489	0.135149		
0.000980	0.041201	154.460334			
0.75000	1.282181	131.077847	0.135149		
0.000980	0.211457	121.625674			
1.00000	0.468568	175.123764	0.135149		
0.000980	0.410049	38.148548			

COMB DB ----- MIN

REL_DIST	P	M2	M3	V2	V3
0.00000	-0.439641	-175.098570		-0.162332	
-0.000963	-0.424614	-119.192882			
0.25000	-1.253254	-131.068110		-0.162332	
-0.000963	-0.226565	-46.575085			
0.50000	-2.316917	-91.167637		-0.162332	
-0.000963	-0.066882	-44.913308			
0.75000	-3.326454	-49.109027		-0.162332	
-0.000963	-0.183016	-45.722684			
1.00000	-4.471109	-17.012630		-0.162332	
-0.000963	-0.340809	-117.482137			
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COMB DL ----- MAX

REL_DIST	P	M2	M3	V2	V3
0.00000	3.921603	16.414645		0.178252	
0.000838	0.464851	31.671095			
0.25000	2.985799	33.572931		0.178252	
0.000838	0.241859	84.851263			
0.50000	1.926014	71.959457		0.178252	
0.000838	0.036786	113.656431			
0.75000	0.953416	113.813531		0.178252	
0.000838	0.288892	85.336841			
1.00000	0.489679	150.687263		0.178252	
0.000838	0.567129	32.739221			

COMB DL ----- MIN

REL_DIST	P	M2	M3	V2	V3
0.00000	-0.422419	-151.089727		-0.222841	
-0.000822	-0.576532	-99.443732			
0.25000	-0.885559	-114.209296		-0.222841	
-0.000822	-0.306040	-43.756811			
0.50000	-1.857522	-72.373930		-0.222841	
-0.000822	-0.070434	-43.192306			
0.75000	-2.916532	-33.972950		-0.222841	
-0.000822	-0.244686	-42.970125			
1.00000	-3.851714	-16.836884		-0.222841	
-0.000822	-0.457064	-98.028963			

COMB CAR ----- MAX

REL_DIST	P	M2	M3	V2	V3
0.00000	4.502071	17.020929		0.178252	
0.000980	0.464851	37.935288			
0.25000	3.355411	49.121491		0.178252	
0.000980	0.241859	121.310483			
0.50000	2.345845	91.181489		0.178252	
0.000980	0.041201	154.460334			
0.75000	1.282181	131.077847		0.178252	
0.000980	0.288892	121.625674			
1.00000	0.489679	175.123764		0.178252	
0.000980	0.567129	38.148548			

COMB CAR ----- MIN

REL_DIST	P	M2	M3	V2	V3
0.00000	-0.439641	-175.098570		-0.222841	
-0.000963	-0.576532	-119.192882			
0.25000	-1.253254	-131.068110		-0.222841	
-0.000963	-0.306040	-46.575085			
0.50000	-2.316917	-91.167637		-0.222841	
-0.000963	-0.070434	-44.913308			
0.75000	-3.326454	-49.109027		-0.222841	
-0.000963	-0.244686	-45.722684			
1.00000	-4.471109	-17.012630		-0.222841	
-0.000963	-0.457064	-117.482137			

COMB DESIGN ----- MAX

REL_DIST	P	M2	M3	V2	V3
0.00000	4.502071	17.020929		0.178252	
0.000980	0.464851	37.935288			
0.25000	3.355411	49.121491		0.178252	
0.000980	0.241859	121.310483			
0.50000	2.345845	91.181489		0.178252	
0.000980	0.041201	154.460334			
0.75000	1.282181	131.077847		0.178252	
0.000980	0.288892	121.625674			

REL_DIST	M2	M3	V2	V3
0.00000	-0.019523	-0.560242		-0.111177
-0.000389	-0.268866	-4.798505		-0.111177
0.25000	-0.019754	-0.542065		-0.111177
-0.000389	-0.146358	-4.798505		-0.111177
0.50000	-0.020236	-0.521439		-0.111177
-0.000389	-0.015549	-4.761864		-0.111177
0.75000	-0.020762	-0.502507		-0.111177
-0.000389	-0.130209	-0.262336		-0.111177
1.00000	-0.021226	-0.494062		-0.111177
-0.000389	-0.263397	-4.715872		

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

REL_DIST	M2	M3	V2	V3
0.00000	3.922494	16.054144		0.157135
0.000495	0.415520	27.007782		0.157135
0.25000	2.979817	33.180993		0.157135
0.000495	0.216904	80.181293		0.157135
0.50000	1.912822	71.566969		0.157135
0.000495	0.030838	108.944573		0.157135
0.75000	0.933632	113.404935		0.157135
0.000495	0.211982	80.338623		0.157135
1.00000	0.465997	150.274979		0.157135
0.000495	0.420367	27.341431		

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

REL_DIST	M2	M3	V2	V3
0.00000	-0.395793	-150.353982		-0.165936
-0.000483	-0.437094	-99.926677		-0.165936
0.25000	-0.082960	-113.490528		-0.165936
-0.000483	-0.236530	-39.449155		-0.165936
0.50000	-1.841544	-71.661969		-0.165936
-0.000483	-0.061044	-39.193032		-0.165936
0.75000	-2.908100	-33.267333		-0.165936
-0.000483	-0.212087	-39.302748		-0.165936
1.00000	-3.850153	-16.140646		-0.165936
-0.000483	-0.400767	-94.647598		

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

REL_DIST	M2	M3	V2	V3
0.00000	3.935406	16.95051		0.193872
0.000745	0.499041	32.722241		0.193872
0.25000	2.992451	33.626967		0.193872
0.000745	0.256309	85.730474		0.193872
0.50000	1.925140	72.024300		0.193872
0.000745	0.034646	114.371665		0.193872
0.75000	0.945660	113.874644		0.193872
0.000745	0.266513	85.928728		0.193872
1.00000	0.477887	150.755596		0.193872
0.000745	0.523455	33.140745		

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	M2	M3	V2	V3
0.00000	0.424988	16.955630		0.142741
0.000920	0.366259	49.099927		0.142741
0.25000	1.908333	121.640479		0.142741
0.50000	2.352262	91.165316		0.142741
0.000920	0.038887	154.491197		0.142741
0.75000	1.281110	131.067135		0.142741
0.000920	0.184942	121.588775		0.142741
1.00000	0.461162	157.087547		0.142741
0.000920	0.356416	38.033654		

COMB DB ----- MAX

REL_DIST	M2	M3	V2	V3
0.00000	0.424988	16.955630		0.142741
0.000920	0.366259	49.099927		0.142741
0.25000	1.908333	121.640479		0.142741
0.50000	2.352262	91.165316		0.142741
0.000920	0.038887	154.491197		0.142741
0.75000	1.281110	131.067135		0.142741
0.000920	0.184942	121.588775		0.142741
1.00000	0.461162	157.087547		0.142741
0.000920	0.356416	38.033654		

COMB DB ----- MIN

REL_DIST	M2	M3	V2	V3
0.00000	-0.452692	-175.054371		-0.140841
-0.000923	-0.702224	-117.485838		-0.140841
0.25000	-1.272615	-131.040958		-0.140841
-0.000923	-0.200923	-44.961468		-0.140841
0.50000	-2.343759	-91.136270		-0.140841
-0.000923	-0.066627	-43.406180		-0.140841
0.75000	-3.360730	-49.071288		-0.140841
-0.000923	-0.198680	-44.345295		-0.140841
1.00000	-4.514867	-16.968210		-0.140841
-0.000923	-0.370619	-116.706754		

COMB DL ----- MAX

REL_DIST	M2	M3	V2	V3
0.00000	3.935406	16.95051		0.193872
0.000745	0.499041	32.731072		0.193872
0.25000	2.992451	33.626967		0.193872
0.000745	0.256309	85.734307		0.193872
0.50000	1.925140	72.024300		0.193872
0.000745	0.034646	113.874644		0.193872
0.75000	0.945660	113.874644		0.193872
0.000745	0.266513	85.928728		0.193872
1.00000	0.477887	150.755596		0.193872
0.000745	0.523455	33.140745		

COMB DL ----- MIN

REL_DIST	M2	M3	V2	V3
0.00000	-0.433790	-150.867461		-0.204618
-0.000747	-0.527676	-98.014604		-0.204618
0.25000	-0.901095	-113.903101		-0.204618
-0.000747	-0.278167	-42.489014		-0.204618
0.50000	-1.879969	-72.152166		-0.204618
-0.000747	-0.071293	-42.200276		-0.204618
0.75000	-2.946849	-33.746670		-0.204618
-0.000747	-0.266876	-42.283020		-0.204618
1.00000	-3.889171	-16.144161		-0.204618
-0.000747	-0.501711	-97.614420		

COMB CAR ----- MAX

REL_DIST	M2	M3	V2	V3
0.00000	4.424988	16.955630		0.193872
0.000920	0.499041	38.152592		0.193872
0.25000	3.369259	49.099927		0.193872
0.000920	0.256309	121.640479		0.193872
0.50000	2.352262	91.165316		0.193872

0.000920	0.038887	154.491197		0.193872
0.75000	1.281110	131.067135		0.193872
0.000920	0.266513	121.588775		0.193872
1.00000	0.477887	157.087547		0.193872
0.000920	0.523455	38.033654		
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FRAME ELEMENT INTERNAL FORCES

REL_DIST	M2	M3	V2	V3
0.00000	-0.452692	-175.054371		-0.204618
-0.000923	-0.527676	-117.485838		-0.204618
0.25000	-1.272615	-131.040958		-0.204618
-0.000923	-0.278167	-44.961468		-0.204618
0.50000	-2.343759	-91.136270		-0.204618
-0.000923	-0.071293	-43.406180		-0.204618
0.75000	-3.360730	-49.071288		-0.204618
-0.000923	-0.266876	-44.345295		-0.204618
1.00000	-4.514867	-16.968210		-0.204618
-0.000923	-0.501711	-116.706754		

COMB DESIGN ----- MAX

REL_DIST	M2	M3	V2	V3
0.00000	4.524988	16.955630		0.193872
0.000920	0.499041	38.152592		0.193872
0.25000	3.369259	49.099927		0.193872
0.000920	0.256309	121.640479		0.193872
0.50000	2.352262	91.165316		0.193872
0.000920	0.038887	154.491197		0.193872
0.75000	1.281110	131.067135		0.193872
0.000920	0.266513	121.588775		0.193872
1.00000	0.477887	157.087547		0.193872
0.000920	0.523455	38.033654		

COMB DESIGN ----- MIN

REL_DIST	M2	M3	V2	V3
0.00000	-0.452692	-175.054371		-0.204618
-0.000923	-0.527676	-117.485838		-0.204618
0.25000	-1.272615	-131.040958		-0.204618
-0.000923	-0.278167	-44.961468		-0.204618
0.50000	-2.343759	-91.136270		-0.204618
-0.000923	-0.071293	-43.406180		-0.204618
0.75000	-3.360730	-49.071288		-0.204618
-0.000923	-0.266876	-44.345295		-0.204618
1.00000	-4.514867	-16.968210		-0.204618
-0.000923	-0.501711	-116.706754		

ELEM 196 ===== LENGTH = 5.022192

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

REL_DIST	M2	M3	V2	V3
0.00000	0.012492	0.468413		0.074727
0.000668	0.177041	7.439475		0.074727
0.25000	0.011653	0.491941		0.074727
0.000668	0.083314	7.125792		0.074727
0.50000	0.010913	0.522772		0.074727
0.000668	0.003386	6.883628		0.074727
0.75000	0.010133	0.552020		0.074727
0.000668	0.089586	6.769033		0.074727
1.00000	0.009536	0.584275		0.074727
0.000668	0.176039	6.730917		

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

REL_DIST	M2	M3	V2	V3
0.00000	-0.047740	-0.382226		-0.068860
-0.000245	-0.169765	-1.978739		-0.068860
0.25000	-0.048337	-0.349972		-0.068860
-0.000245	-0.083306	-2.056469		-0.068860
0.50000	-0.047740	-0.382226		-0.068860
-0.000245	-0.011240	-2.186226		-0.068860
0.75000	-0.049657	-0.289894		-0.068860
-0.000245	-0.104751	-2.317790		-0.068860
1.00000	-0.050696	-0.266362		-0.068860
-0.000245	-0.198544	-2.501428		

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

REL_DIST	M2	M3	V2	V3
0.00000	4.353127	16.429907		0.121286
0.000816	0.297577	32.297139		0.121286
0.25000	3.232331	47.839670		0.121286
0.000816	0.150709	113.987276		0.121286
0.50000	2.244275	88.998739		0.121286
0.000816	0.037082	145.971317		0.121286
Program	SAP2000	Nonlinear	Version	7.42
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FRAME ELEMENT INTERNAL FORCES

REL_DIST	M2	M3	V2	V3
0.75000	1.203165	128.045357		0.121286
0.000816	0.133464	113.92722		0.121286
1.00000	0.406743	171.106215		0.121286
0.000816	0.245687	31.174216		

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

REL_DIST	M2	M3	V2	V3
0.00000	-0.446774	-170.760873		-0.093204
-0.000337	-0.234345	-113.083916		-0.093204
0.25000	-1.243072	-127.701058		-0.093204
-0.000337	-0.126977	-44.667400		-0.093204
0.50000	-2.284147	-65.688817		-0.093204
-0.000337	-0.056989	-41.706413		-0.093204
0.75000	-3.272303	-47.497684		-0.093204
-0.000337	-0.183941	-43.156690		-0.093204
1.00000	-4.392088	-16.081730		-0.093204
-0.000337	-0.330779	-114.075349		

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

T	M2	M3			
0.00000	-0.435486	-150.646802			-0.189012
-0.000841	-0.461935	-97.654692			-0.189012
0.25000	-0.897961	-113.770545			-0.189012
-0.000841	-0.256485	-42.247352			-0.189012
0.00000	-1.870238	-71.934240			-0.189012
-0.000841	-0.069592	-41.997759			-0.189012
0.75000	-2.929979	-33.524811			-0.189012
-0.000841	-0.300538	-42.280585			-0.189012
1.00000	-3.865629	-16.391426			-0.189012
-0.000841	-0.564027	-97.693484			-0.189012
COMB	DB				MAX
REL_DIST	P	M2	M3	V2	V3
0.00000	4.479722	17.218498			0.160919
0.000961	0.405993	37.996200			0.160919
0.25000	3.334243	49.319982			0.160919
0.000961	0.209338	121.197076			0.160919
0.50000	2.324427	91.385475			0.160919
0.000961	0.039815	153.702175			0.160919
0.75000	1.260389	131.291996			0.160919
0.000961	0.169395	120.198708			0.160919
1.00000	0.446428	175.301160			0.160919
0.000961	0.321551	36.475696			0.160919
COMB	DB				MIN
REL_DIST	P	M2	M3	V2	V3
0.00000	-0.463758	-174.839791			-0.125109
-0.000999	-0.319193	-116.740967			-0.125109
0.25000	-1.277592	-130.831692			-0.125109
-0.000999	-0.174088	-44.864323			-0.125109
0.50000	-2.341588	-90.929644			-0.125109
-0.000999	-0.065370	-43.972791			-0.125109
0.75000	-0.351512	-48.862042			-0.125109
-0.000999	-0.320193	-45.545625			-0.125109
0.00000	-0.449597	-16.754231			-0.125109
-0.000999	-0.426621	-118.116752			-0.125109
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FRAME	ELEMENT	INTERNAL			
FORCES					
COMB	DL				MAX
REL_DIST	P	M2	M3	V2	V3
0.00000	3.894926	16.776736			0.223718
0.000816	0.560844	33.26052			0.223718
0.25000	2.959115	85.606437			0.223718
0.000816	0.282130	85.605649			0.223718
0.50000	1.899123	72.995690			0.223718
0.000816	0.035167	113.808403			0.223718
0.75000	0.926538	114.147883			0.223718
0.000816	0.060816	84.962688			0.223718
1.00000	0.463390	151.032953			0.223718
0.000816	0.509741	31.713595			0.223718
COMB	DL				MIN
REL_DIST	P	M2	M3	V2	V3
0.00000	-0.447632	-150.646802			-0.195164
-0.000841	-0.491765	-97.654692			-0.195164
0.25000	-0.910108	-113.770545			-0.195164
-0.000841	-0.258424	-42.247352			-0.195164
0.50000	-1.882385	-71.934240			-0.195164
-0.000841	-0.069866	-41.997759			-0.195164
0.75000	-2.942126	-33.524811			-0.195164
-0.000841	-0.315412	-42.280585			-0.195164
1.00000	-3.877775	-16.391426			-0.195164
-0.000841	-0.587456	-97.693484			-0.195164
COMB	CAR				MAX
REL_DIST	P	M2	M3	V2	V3
0.00000	4.479722	17.218498			0.223718
0.000961	0.560844	37.996200			0.223718
0.25000	3.334243	49.319982			0.223718
0.000961	0.282130	121.197076			0.223718
0.50000	2.324427	91.385475			0.223718
0.000961	0.039815	153.702175			0.223718
0.75000	1.260389	131.291996			0.223718
0.000961	0.264601	120.198708			0.223718
1.00000	0.463390	175.301160			0.223718
0.000961	0.509741	36.475696			0.223718
COMB	CAR				MIN
REL_DIST	P	M2	M3	V2	V3
0.00000	-0.463758	-174.839791			-0.195164
-0.000999	-0.491765	-116.740967			-0.195164
0.25000	-1.277592	-130.831692			-0.195164
-0.000999	-0.258424	-44.864323			-0.195164
0.50000	-2.341588	-90.929644			-0.195164
-0.000999	-0.069866	-43.972791			-0.195164
0.75000	-3.351512	-48.862042			-0.195164
-0.000999	-0.315412	-45.545625			-0.195164
1.00000	-4.495957	-16.754231			-0.195164
-0.000999	-0.587456	-118.116752			-0.195164
COMB	DESIGN				MAX
REL_DIST	P	M2	M3	V2	V3
0.00000	4.479722	17.218498			0.223718
0.000961	0.560844	37.996200			0.223718
0.25000	3.334243	49.319982			0.223718
0.000961	0.282130	121.197076			0.223718
0.50000	2.324427	91.385475			0.223718
0.000961	0.039815	153.702175			0.223718
0.75000	1.260389	131.291996			0.223718
0.000961	0.264601	120.198708			0.223718
1.00000	0.463390	175.301160			0.223718
0.000961	0.509741	36.475696			0.223718
COMB	DESIGN				MIN
REL_DIST	P	M2	M3	V2	V3
0.00000	-0.463758	-174.839791			-0.195164
-0.000999	-0.491765	-116.740967			-0.195164
0.25000	-1.277592	-130.831692			-0.195164
-0.000999	-0.258424	-44.864323			-0.195164
0.50000	-2.341588	-90.929644			-0.195164
-0.000999	-0.069866	-43.972791			-0.195164
0.75000	-3.351512	-48.862042			-0.195164
-0.000999	-0.315412	-45.545625			-0.195164
1.00000	-4.495957	-16.754231			-0.195164
-0.000999	-0.587456	-118.116752			-0.195164
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		1187			
FRAME	ELEMENT	INTERNAL			
FORCES					
ELEM	197	=====	LENGTH =		

0.023003					
COMB DB-G1-1					MAX
REL_DIST	P	M2	M3	V2	V3
0.00000	0.013423	0.565785			0.097365
0.000875	0.236143	6.753426			0.097365
0.25000	0.012576	0.589310			0.097365
0.000875	0.113972	6.293431			0.097365
0.50000	0.011831	0.620138			0.097365
0.000875	0.004179	5.891789			0.097365
0.75000	0.011046	0.649384			0.097365
0.000875	0.100773	5.605815			0.097365
1.00000	0.010445	0.681665			0.097365
0.000875	0.197570	5.441890			0.097365
COMB DB-G1-1					MIN
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	-0.052773	-0.300382			-0.077084
-9.49E-06	-0.189705	-2.517498			-0.077084
0.25000	-0.053374	-0.268110			-0.077084
-9.49E-06	-0.092900	-2.595122			-0.077084
0.50000	-0.054159	-0.238867			-0.077084
-9.49E-06	-0.096942	-2.724753			-0.077084
0.75000	-0.054904	-0.208037			-0.077084
-9.49E-06	-0.131067	-2.856179			-0.077084
1.00000	-0.055751	-0.184509			-0.077084
-9.49E-06	-0.253177	-3.039686			-0.077084
COMB DB-G1-2					MAX
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	4.384973	16.590027			0.159484
0.001047	0.400543	31.162097			0.159484
0.25000	3.254006	47.995427			0.159484
0.001047	0.203657	112.566655			0.159484
0.50000	2.259265	89.150629			0.159484
0.001047	0.039025	144.232837			0.159484
0.75000	1.211447	128.194902			0.159484
0.001047	0.144576	111.078942			0.159484
1.00000	0.409339	171.289117			0.159484
0.001047	0.272163	28.923674			0.159484
COMB DB-G1-2					MIN
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	-0.459633	-170.620341			-0.106060
-3.51E-07	-0.260608	-114.135801			-0.106060
0.25000	-1.261581	-127.536605			-0.106060
-3.51E-07	-0.131817	-43.815339			-0.106060
0.50000	-2.309346	-88.497367			-0.106060
-3.51E-07	-0.054070	-42.925419			-0.106060
0.75000	-3.304226	-47.340322			-0.106060
-3.51E-07	-0.227111	-44.430523			-0.106060
1.00000	-4.446448	-15.929391			-0.106060
-3.51E-07	-0.422735	-115.428698			-0.106060
COMB DB-G1-3					MAX
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	4.505897	17.444810			0.189909
0.000942	0.481258	36.450019			0.189909
0.25000	3.350023	49.541835			0.189909
0.000942	0.246145	119.225528			0.189909
0.50000	2.333377	91.603377			0.189909
0.000942	0.042332	151.323989			0.189909
0.75000	1.262483	131.507501			0.189909
0.000942	0.166474	117.371897			0.189909
1.00000	0.442710	175.550757			0.189909
0.000942	0.320056	33.416935			0.189909
COMB DB-G1-3					MIN
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	-0.480616	-174.651233			-0.127018
-0.000625	-0.318154	-118.144624			-0.127018
0.25000	-1.300224	-130.618686			-0.127018
-0.000625	-0.163179	-46.362392			-0.127018
0.50000	-2.371064	-90.719708			-0.127018
-0.000625	-0.061385	-45.539735			-0.127018
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FRAME ELEMENT INTERNAL					
REL_DIST	P	M2	M3	V2	V3
0.75000	-3.387854	-48.656283			-0.127018
-0.000625	-0.261543	-47.164846			-0.127018
1.00000	-4.543170	-16.553606			-0.127018
-0.000625	-0.495308	-119.813437			-0.127018
COMB DB-G2-1					MAX
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	0.027777	0.560650			0.067503
9.17E-06	0.173217	6.698487			0.067503
0.25000	0.026930	0.584175			0.067503
9.17E-06	0.088410	0.645522			0.067503
0.50000	0.026185	0.615003			0.067503
9.17E-06	0.004030	5.849627			0.067503
0.75000	0.025400	0.644249			0.067503
9.17E-06	0.062778	5.573398			0.067503
1.00000	0.024799	0.676530			0.067503
9.17E-06	0.131094	5.417562			0.067503
COMB DB-G2-1					MIN
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	-0.030693	-3.305156			-0.054443
-0.000897	-0.124644	-2.533451			-0.054443
0.25000	-0.031294	-0.272883			-0.054443
-0.000897	-0.074420	-2.620417			-0.054443
0.50000	-0.032079	-0.243640			-0.054443
-0.000897	-0.009490	-2.753930			-0.054443
0.75000	-0.032824	-2.212811			-0.054443
-0.000897	-0.081723	-2.900157			-0.054443
1.00000	-0.033671	-0.189282			-0.054443
-0.000897	-0.165874	-3.092979			-0.054443
COMB DB-G2-2					MAX
REL_DIST	P	M2	M3	V2	V3
T					
0.00000	4.406742	16.582511			0.121251
3.40E-07	0.320133	31.092165			0.121251
0.25000	3.275775	47.367911			0.121251
3.40E-07	0.170955	112.504134			0.121251
0.50000	2.281035	89.143114			0.121251
3.40E-07	0.038849	144.175856			0.121251
0.75000	1.232316	128.187387			0.121251
3.40E-07	0.097249	111.032168			0.121251
1.00000	0.431108	171.281601			0.121251
3.40E-07	0.189604	28.899692			0.121251
COMB DB-G2-2					MIN

0.00000 -0.467744 -150.451572 -0.200641
-0.001014 -0.500182 -97.741733
0.25000 -0.935495 -113.579193
-0.001014 -0.061635 -42.267359
0.50000 -1.914332 -71.744647
-0.001014 -0.065280 -42.273169
0.75000 -2.981225 -33.341693
-0.001014 -0.360218 -42.441796
1.00000 -3.923748 -16.193774
-0.001014 -0.679220 -98.927196

COMB CAR ----- MAX
REL_DIST M2 P V2 V3
0.00000 4.508298 17.444810 0.262238
0.001047 0.656979 36.450019 0.262238
0.25000 3.352424 49.541835 0.262238
0.001047 0.332788 119.225528 0.262238
0.50000 2.335777 91.603377 0.262238
0.001047 0.042332 151.323989 0.262238
0.75000 1.264884 131.507501 0.262238
0.001047 0.274649 117.371897 0.262238
1.00000 0.460235 175.550757 0.262238
0.001047 0.526399 33.416935 0.262238
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1192
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 M2 P V2 V3
0.00000 -0.480616 -174.653254 -0.200641
-0.001096 -0.500182 -118.152453
0.25000 -1.300224 -130.620707 -0.200641
-0.001096 -0.261635 -46.374451
0.50000 -2.371064 -90.721729 -0.200641
-0.001096 -0.065280 -42.273169
0.75000 -3.923748 -16.193774
-0.001096 -0.360218 -47.185361
1.00000 -4.543170 -16.556272
-0.001096 -0.679220 -119.838232

COMB DESIGN ----- MAX
REL_DIST M2 P V2 V3
0.00000 4.508298 17.444810 0.262238
0.001047 0.656979 36.450019 0.262238
0.25000 3.352424 49.541835 0.262238
0.001047 0.332788 119.225528 0.262238
0.50000 2.335777 91.603377 0.262238
0.001047 0.042332 151.323989 0.262238
0.75000 1.264884 131.507501 0.262238
0.001047 0.274649 117.371897 0.262238
1.00000 0.460235 175.550757 0.262238
0.001047 0.526399 33.416935 0.262238

COMB DESIGN ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.480616 -174.653254 -0.200641
-0.001096 -0.500182 -118.152453
0.25000 -1.300224 -130.620707 -0.200641
-0.001096 -0.261635 -46.374451
0.50000 -2.371064 -90.721729 -0.200641
-0.001096 -0.065280 -42.273169
0.75000 -3.923748 -16.193774
-0.001096 -0.360218 -47.185361
1.00000 -4.543170 -16.556272
-0.001096 -0.679220 -119.838232

ELEM 198 ===== LENGTH = 5.022799
COMB DB-G1-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 0.013413 0.684309 0.113583
0.001005 0.280275 5.467257 0.113583
0.25000 0.012573 0.707838 0.113583
0.001005 0.137679 4.832246 0.113583
0.50000 0.011634 0.738666 0.113583
0.001005 0.005266 4.261716 0.113583
0.75000 0.011054 0.767905 0.113583
0.001005 0.114751 3.809031 0.113583
1.00000 0.010458 0.800216 0.113583
0.001005 0.224619 3.493908 0.113583

COMB DB-G1-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.052720 -0.264927 -0.087487
-1.07E-05 -0.214809 -0.058550
0.25000 -0.053816 -0.232211 -0.087487
-1.07E-05 -0.104939 -3.128648
0.50000 -0.054096 -0.203426 -0.087487
-1.07E-05 -0.007089 -3.250678
0.75000 -0.054835 -0.172601 -0.087487
-1.07E-05 -0.147929 -3.37706
1.00000 -0.056766 -0.149082 -0.087487
-1.07E-05 -0.290417 -3.550444

COMB DB-G1-2 ----- MAX
REL_DIST M2 P V2 V3
0.00000 4.743715 16.833407 0.184798
0.001227 0.476099 28.955872 0.184798
0.25000 3.226533 48.244127 0.184798
0.001227 0.244226 109.986260 0.184798
0.50000 2.238722 89.399441 0.184798
0.001227 0.041918 141.180706 0.184798
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1193
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 M2 P V2 V3
0.75000 1.198063 128.433404 0.184798
0.001227 0.162667 107.691846 0.184798
1.00000 0.402244 171.568535 0.184798
0.001227 0.307958 25.239622 0.184798

COMB DB-G1-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.458118 -170.352018 -0.120132
-3.95E-07 -0.065416 -15.446019 -0.120132
0.25000 -1.254210 -127.290964 -0.120132
-3.95E-07 -0.144633 -45.301237 -0.120132
0.50000 -2.294961 -88.248456 -0.120132
-3.95E-07 -0.094243 -44.485874 -0.120132
0.75000 -3.822654 -47.097186 -0.120132

-3.95E-07 -0.253753 -46.070797
1.00000 -4.404503 -15.698598 -0.120132
-3.95E-07 -0.480087 -117.213516
COMB DB-G1-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 4.463747 17.782946 0.205568
0.001093 0.532717 33.442492 0.205568
0.25000 3.318181 49.885408 0.205568
0.001093 0.274759 115.702400 0.205568
0.50000 2.308615 91.947064 0.205568
0.001093 0.045990 147.206334 0.205568
0.75000 1.245038 131.840651 0.205568
0.001093 0.171256 112.793558 0.205568
1.00000 0.431693 175.925724 0.205568
0.001093 0.329202 28.427265 0.205568

COMB DB-G1-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.483953 -174.319754 -0.130366
-0.000714 -0.325599 -119.820471 -0.130366
0.25000 -1.297578 -130.310389 -0.130366
-0.000714 -0.162319 -48.214040 -0.130366
0.50000 -2.361248 -90.408068 -0.130366
-0.000714 -0.054808 -47.455683 -0.130366
0.75000 -3.370693 -48.350545 -0.130366
-0.000714 -0.276074 -49.156333 -0.130366
1.00000 -4.517248 -16.260483 -0.130366
-0.000714 -0.528381 -121.945434 -0.130366

COMB DB-G2-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 0.022410 0.676750 0.058040
1.02E-05 0.150080 5.409297 0.058040
0.25000 0.021570 0.700278 0.058040
1.02E-05 0.077284 4.785676 0.058040
0.50000 0.020830 0.731106 0.058040
1.02E-05 0.005144 4.224777 0.058040
0.75000 0.020051 0.760345 0.058040
1.02E-05 0.046811 3.783063 0.058040
1.00000 0.019455 0.792656 0.058040
1.02E-05 0.098827 3.480501 0.058040

COMB DB-G2-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.037390 -0.267320 -0.041478
-0.001047 -0.109578 -0.370788 -0.041478
0.25000 -0.037986 -0.235064 -0.041478
-0.001047 -0.057504 -3.157294 -0.041478
0.50000 -0.038766 -0.205819 -0.041478
-0.001047 -0.006874 -3.286732 -0.041478
0.75000 -0.039506 -0.174994 -0.041478
-0.001047 -0.068555 -3.417967 -0.041478
1.00000 -0.040346 -0.151474 -0.041478
-0.001047 -0.141436 -3.601306 -0.041478

COMB DB-G2-2 ----- MAX
REL_DIST M2 P V2 V3
0.00000 4.362640 16.822750 0.113505
3.79E-07 0.309018 28.882157 0.113505
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1194
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 M2 P V2 V3
0.25000 3.241758 48.233470 0.113505
3.79E-07 0.166601 109.925340 0.113505
0.50000 2.253946 89.388784 0.113505
3.79E-07 0.041758 141.130422 0.113505
0.75000 1.213267 128.422747 0.113505
3.79E-07 0.077209 107.656089 0.113505
1.00000 0.417469 171.557878 0.113505
3.79E-07 0.149636 25.219525 0.113505

COMB DB-G2-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.436773 -170.355467 -0.062335
-0.001270 -0.163601 -115.470047 -0.062335
0.25000 -1.232666 -127.294413 -0.062335
-0.001270 -0.086493 -45.333943 -0.062335
0.50000 -2.273617 -88.251905 -0.062335
-0.001270 -0.048774 -44.527288 -0.062335
0.75000 -3.261310 -47.100635 -0.062335
-0.001270 -0.151827 -46.120919 -0.062335
1.00000 -4.383159 -15.702047 -0.062335
-0.001270 -0.288849 -117.272355 -0.062335

COMB DB-G2-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 4.463820 17.779519 0.184949
0.000686 0.484444 33.421058 0.184949
0.25000 3.318254 49.881981 0.184949
0.000686 0.252401 115.686342 0.184949
0.50000 2.308688 91.943637 0.184949
0.000686 0.045926 147.195639 0.184949
0.75000 1.245111 131.837224 0.184949
0.000686 0.144735 112.787585 0.184949
1.00000 0.431766 175.922297 0.184949
0.000686 0.279895 28.424841 0.184949

COMB DB-G2-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.480268 -174.320529 -0.112331
-0.001132 -0.284449 -119.830784 -0.112331
0.25000 -1.233993 -130.311164 -0.112331
-0.001132 -0.143551 -48.224205 -0.112331
0.50000 -2.357563 -90.408843 -0.112331
-0.001132 -0.054616 -47.473881 -0.112331
0.75000 -3.367008 -48.351320 -0.112331
-0.001132 -0.246546 -49.176704 -0.112331
1.00000 -4.513562 -16.261258 -0.112331
-0.001132 -0.473014 -121.969156 -0.112331

COMB DL-G1-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 0.015372 0.833476 0.166176
0.001019 0.408930 6.233041 0.166176
0.25000 0.014911 0.841950 0.166176
0.001019 0.199529 5.553284 0.166176
0.50000 0.014388 0.860882 0.166176
0.001019 0.006541 4.894290 0.166176
0.75000 0.013909 0.881512 0.166176
0.001019 0.180858 4.53171 0.166176
1.00000 0.013681 0.899691 0.166176
0.001019 0.355100 4.194242 0.166176

COMB DL-G1-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.059631 -0.321233 -0.138571
-1.02E-05 -0.340572 -4.324591 -0.138571
0.25000 -0.059860 -0.303057 -0.138571
-1.02E-05 -0.166349 -4.239909 -0.138571
0.50000 -0.060340 -0.282437 -0.138571
-1.02E-05 -0.068781 -4.178804 -0.138571
0.75000 -0.060862 -0.263512 -0.138571
-1.02E-05 -0.215582 -4.334388 -0.138571
1.00000 -0.061323 -0.255067 -0.138571
-1.02E-05 -0.424878 -4.707534 -0.138571
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1195
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 M2 P V2 V3
0.00000 3.844989 16.761259 0.261846
0.001208 0.657184 24.001066 0.261846
0.25000 2.909903 33.946268 0.261846
0.001208 0.330481 75.739351 0.261846
0.50000 1.850762 72.340515 0.261846
0.001208 0.034602 103.380582 0.261846
0.75000 0.879038 114.177958 0.261846
0.001208 0.279916 73.698129 0.261846
1.00000 0.415696 151.044142 0.261846
0.001208 0.529152 20.574928 0.261846

COMB DL-G1-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.457637 -149.803022 -0.199669
-2.36E-07 -0.487639 -95.183453 -0.199669
0.25000 -0.219653 -112.943372 -0.199669
-2.36E-07 -0.249533 -39.943446 -0.199669
0.50000 -1.893871 -71.125492 -0.199669
-2.36E-07 -0.050432 -40.074192 -0.199669
0.75000 -2.953214 -32.748057 -0.199669
-2.36E-07 -0.336377 -42.636075 -0.199669
1.00000 -3.888238 -15.619819 -0.199669
-2.36E-07 -0.675240 -97.222125 -0.199669

COMB DL-G1-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 3.878571 17.475108 0.294029
0.001079 0.741775 28.434611 0.294029
0.25000 2.943208 34.665201 0.294029
0.001079 0.375115 79.592459 0.294029
0.50000 1.883754 73.077808 0.294029
0.001079 0.039802 106.667700 0.294029
0.75000 0.911742 114.920629 0.294029
0.001079 0.297297 76.828699 0.294029
1.00000 0.448263 151.797720 0.294029
0.001079 0.568694 23.720222 0.294029

COMB DL-G1-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.476928 -150.171422 -0.217233
-0.000704 -0.536251 -119.830784 -0.217233
0.25000 -0.941381 -130.310087 -0.217233
-0.000704 -0.275964 -42.959633 -0.217233
0.50000 -1.913587 -71.470616 -0.217233
-0.000704 -0.056071 -43.294527 -0.217233
0.75000 -2.973243 -33.798444 -0.217233
-0.000704 -0.391656 -43.961552 -0.217233
1.00000 -3.908544 -15.948521 -0.217233
-0.000704 -0.751571 -100.595420 -0.217233

COMB DL-G2-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 0.032750 0.834035 0.081000
9.59E-06 0.207972 6.205504 0.081000
0.25000 0.032289 0.842509 0.081000
9.59E-06 0.106443 5.534466 0.081000
0.50000 0.031765 0.851441 0.081000
9.59E-06 0.006406 4.886439 0.081000
0.75000 0.031287 0.882071 0.081000
9.59E-06 0.066466 4.468298 0.081000
1.00000 0.031059 0.900250 0.081000
9.59E-06 0.138674 4.227260 0.081000

COMB DL-G2-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.042718 -0.327616 -0.057481
-0.001081 -0.497776 -4.367595 -0.057481
0.25000 -0.042947 -0.309441 -0.057481
-0.001081 -0.077553 -4.284248 -0.057481
0.50000 -0.043426 -0.288821 -0.057481
-0.001081 -0.008640 -4.227642 -0.057481
0.75000 -0.043949 -0.269936 -0.057481
-0.001081 -0.069698 -4.408755 -0.057481
1.00000 -0.044410 -0.261451 -0.057481
-0.001081 -0.198899 -4.797383 -0.057481
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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 M2 P V2 V3
0.00000 3.707190 16.761360 0.156293
2.22E-07 0.407946 23.963948 0.156293
0.25000 2.935104 33.946369 0.156293
2.22E-07 0.215020 75.714193 0.156293
0.50000 1.875963 72.340617 0.156293
2.22E-07 0.034361 103.388569 0.156293
0.75000 0.917423 114.780606 0.156293
2.22E-07 0.138635 73.13177 0.156293
1.00000 0.408997 151.044244 0.156293
2.22E-07 0.262163 20.609027 0.156293

COMB DL-G2-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.435798 -149.810916 -0.099560
-0.001254 -0.252636 -95.238442 -0.099560
0.25000 -0.000115 -112.951266 -0.099560
-0.001254 -0.140044 -40.004698 -0.099560
0.50000 -1.872033 -71.133387 -0.099560
-0.001254 -0.050135 -40.141652 -0.099560
0.75000 -2.931375 -32.753970 -0.099560
-0.001254 -0.207498 -40.708426 -0.099560
1.00000 -3.866399 -15.627714 -0.099560

-0.001254 -0.394291 -97.338065
COMB DL-G2-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 3.882925 17.476130 0.259697
0.000640 0.660792 28.424540 0.259697
0.25000 2.947562 34.666223 0.259697
0.000640 0.337288 79.596706 0.259697
0.50000 1.888108 73.071830 0.259697
0.000640 0.038704 106.666567 0.259697
0.75000 0.916096 114.921651 0.259697
0.000640 0.250764 76.836637 0.259697
1.00000 0.452617 151.798742 0.259697
0.000640 0.480402 23.738039 0.259697

COMB DL-G2-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -0.471788 -150.175587 -0.183966
-0.001120 -0.457965 -98.037069 -0.183966
0.25000 -0.936242 -113.305031 -0.183966
-0.001120 -0.239390 -42.746429 -0.183966

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0.000931	0.039144	1.228078		
0.50000	0.017964	0.161907	0.029782	
0.000931	0.004955	1.220516		
0.75000	0.017178	0.191320	0.029782	
0.000931	0.048965	1.171870		
1.00000	0.016577	0.223166	0.029782	
0.000931	0.094037	1.090262		
COMB DB-G2-1 ----- MIN				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.032707	-0.709639	-0.035902	
-0.000466	-0.086278	-3.481412		
0.25000	-0.033306	-0.677459	-0.035902	
-0.000466	-3.337735	-0.709639		
0.50000	-0.034091	-0.648116	-0.035902	
-0.000466	-0.001805	-3.247493		
0.75000	-0.034837	-0.617107	-0.035902	
-0.000466	-0.035767	-3.159024		
1.00000	-0.035661	-0.593435	-0.035902	
-0.000466	-0.073098	-5.122912		
COMB DB-G2-2 ----- MAX				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	4.412494	15.058282	0.059190	
0.001121	0.174343	17.757061		
0.25000	3.294648	46.563247	0.059190	
0.001121	0.100089	101.183517		
0.50000	2.302384	87.927608	0.059190	
0.001121	0.045888	134.425465		
0.75000	1.253506	127.194361	0.059190	
0.001121	0.127705	102.760605		
1.00000	0.450893	169.708339	0.059190	
0.001121	0.227423	21.517798		
COMB DB-G2-2 ----- MIN				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.390497	-172.298985	-0.079430	
-0.000544	-0.180207	-122.191804		
0.25000	-1.189564	-129.337577	-0.079430	
-0.000544	-0.098783	-49.186820		
0.50000	-2.237780	-90.165001	-0.079430	
-0.000544	-0.037694	-47.127006		
0.75000	-3.232120	-48.768100	-0.079430	
-0.000544	-0.074618	-47.410722		
1.00000	-4.333692	-17.165516	-0.079430	
-0.000544	-0.137027	-117.546930		
COMB DB-G2-3 ----- MAX				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	4.541490	15.507815	0.128554	
0.001276	0.352963	18.849205		
0.25000	3.390926	47.706597	0.128554	
0.001276	0.191589	104.091495		
0.50000	2.364910	89.981904	0.128554	
0.001276	0.050066	138.048016		
0.75000	1.312933	103.113409	0.128554	
0.001276	0.227543	105.715092		
1.00000	0.492644	173.563649	0.128554	
0.001276	0.424512	23.222363		
COMB DB-G2-3 ----- MIN				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.400567	-176.625993	-0.156874	
-0.001123	-0.372283	-127.017030		
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REL_DIST	P	V2	V3	
T	M2	M3		
0.25000	-1.217631	-132.718468	-0.156874	
-0.001123	-0.193988	-52.314886		
0.50000	-2.288532	-92.683216	-0.156874	
-0.001123	-0.039490	-50.140914		
0.75000	-3.305884	-50.374653	-0.156874	
-0.001123	-0.157789	-50.362845		
1.00000	-18.407611	-121.975556	-0.156874	
-0.001123	-0.307019	-121.975556		
COMB DL-G1-1 ----- MAX				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	0.730117	0.169274	0.166421	
0.000392	0.423606	2.752879		
0.25000	0.072553	0.177395	0.166421	
0.000392	0.214361	2.613152		
0.50000	0.072027	0.196382	0.166421	
0.000392	0.00452	2.482617		
0.75000	0.071543	0.217092	0.166421	
0.000392	0.226228	2.419945		
1.00000	0.071319	0.235344	0.166421	
0.000392	0.450706	2.499474		
COMB DL-G1-1 ----- MIN				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.014974	-0.865252	-0.178440	
-0.000929	-0.445044	-8.580532		
0.25000	-0.015192	-0.870002	-0.178440	
-0.000929	-0.220701	-7.711926		
0.50000	-0.015673	-0.826265	-0.178440	
-0.000929	-0.003155	-6.896047		
0.75000	-0.016198	-0.807223	-0.178440	
-0.000929	-0.202787	-6.175710		
1.00000	-0.016661	-0.798885	-0.178440	
-0.000929	-0.411883	-5.556810		
COMB DL-G1-2 ----- MAX				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	3.670115	15.575303	0.255839	
0.000452	0.672090	17.810568		
0.25000	3.029739	32.043720	0.255839	
0.000452	0.359618	69.291648		
0.50000	1.965263	70.549144	0.255839	
0.000452	0.043031	98.694788		
0.75000	0.982429	112.549517	0.255839	
0.000452	0.374366	70.280698		
1.00000	0.526629	149.563412	0.255839	
0.000452	0.725200	18.533669		
COMB DL-G1-2 ----- MIN				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.392124	-151.922055	-0.280207	
-0.001099	-0.694773	-108.219773		
0.25000	-0.832782	-114.910866	-0.280207	
-0.001099	-0.356164	-48.967357		
0.50000	-1.808310	-72.856745	-0.280207	
-0.001099	-0.039976	-46.925685		
0.75000	-2.872609	-34.238875	-0.280207	

-0.001099	-0.319516	-45.144050		
1.00000	-3.812259	-17.330381	-0.280207	
-0.001099	-0.626217	-99.251892		
COMB DL-G1-3 ----- MAX				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	3.997068	15.786923	0.260370	
0.001033	0.683998	19.743004		
0.25000	3.056415	32.260212	0.260370	
0.001033	0.356769	71.090889		
0.50000	1.988923	70.777028	0.260370	
0.001033	0.049737	100.394863		
0.75000	1.008499	112.789827	0.260370	
0.001033	0.388923	72.158250		
1.00000	0.552563	149.814673	0.260370	
0.001033	0.750753	20.686833		
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COMB DL-G1-3 ----- MIN				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.412864	-152.678613	-0.288940	
-0.001243	-0.712788	-114.960312		
0.25000	-0.853493	-115.656474	-0.288940	
-0.001243	-0.363335	-54.173512		
0.50000	-1.829469	-73.589911	-0.288940	
-0.001243	-0.042309	-51.555273		
0.75000	-2.894083	-34.906615	-0.288940	
-0.001243	-0.324290	-49.350621		
1.00000	-3.834011	-18.047119	-0.288940	
-0.001243	-0.636860	-103.092228		
COMB DL-G2-1 ----- MAX				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	0.025313	0.173831	0.042710	
0.000983	0.109210	2.826203		
0.25000	0.024849	0.181952	0.042710	
0.000983	0.055773	2.681691		
0.50000	0.024323	0.200939	0.042710	
0.000983	0.009685	2.545266		
0.75000	0.023840	0.221649	0.042710	
0.000983	0.068501	2.474210		
1.00000	0.023615	0.239900	0.042710	
0.000983	0.132012	2.531117		
COMB DL-G2-1 ----- MIN				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.045602	-0.863207	-0.050350	
-0.000433	-0.120812	-6.874553		
0.25000	-0.045819	-0.844957	-0.050350	
-0.000433	-0.057687	-7.802801		
0.50000	-0.046300	-0.824221	-0.050350	
-0.000433	-0.003508	-6.983349		
0.75000	-0.046825	-0.805178	-0.050350	
-0.000433	-0.051571	-6.256798		
1.00000	-0.047288	-0.796841	-0.050350	
-0.000433	-0.105287	-5.631647		
COMB DL-G2-2 ----- MAX				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	3.915872	15.579574	0.101247	
0.001164	0.278803	17.896414		
0.25000	2.975497	32.047991	0.101247	
0.001164	0.152116	69.372415		
0.50000	1.908321	70.553414	0.101247	
0.001164	0.043420	98.767896		
0.75000	0.928187	112.553787	0.101247	
0.001164	0.177540	70.330637		
1.00000	0.472386	149.587683	0.101247	
0.001164	0.327138	18.568791		
COMB DL-G2-2 ----- MIN				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.425163	-151.919538	-0.120234	
-0.000489	-0.289795	-108.327008		
0.25000	-0.865661	-114.908350	-0.120234	
-0.000489	-0.152653	-49.080359		
0.50000	-1.841349	-72.854229	-0.120234	
-0.000489	-0.040414	-47.034267		
0.75000	-2.905647	-34.236358	-0.120234	
-0.000489	-0.132118	-45.245755		
1.00000	-3.845298	-17.327865	-0.120234	
-0.000489	-0.243735	-99.345324		
COMB DL-G2-3 ----- MAX				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	3.973910	15.788731	0.210146	
0.001276	0.556606	19.781775		
0.25000	3.033256	32.262021	0.210146	
0.001276	0.298575	71.090889		
0.50000	1.965765	70.778836	0.210146	
0.001276	0.049836	100.423850		
0.75000	0.985341	112.791635	0.210146	
0.001276	0.325533	72.180491		
1.00000	0.529405	149.816482	0.210146	
0.001276	0.621888	20.703528		
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COMB DL-G2-3 ----- MIN				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	-0.429584	-152.677972	-0.237088	
-0.001057	-0.581609	-114.098308		
0.25000	-0.870213	-115.655833	-0.237088	
-0.001057	-0.297425	-54.211242		
0.50000	-1.846189	-73.589270	-0.237088	
-0.001057	-0.042501	-51.592806		
0.75000	-2.910802	-34.959974	-0.237088	
-0.001057	-0.263088	-49.371516		
1.00000	-3.850731	-18.064678	-0.237088	
-0.001057	-0.512698	-102.987377		
COMB DB ----- MAX				
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	4.455973	15.507815	0.158392	
0.001276	0.285933	18.849205		
0.25000	3.415509	47.706597	0.158392	
0.001276	0.229678	104.091194		
0.50000	2.401393	98.981905	0.158392	

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0.25000	2.958943	32.753985	0.195954	0.00000	-0.402753	-151.788899	-0.253721	0.50000	0.022684	0.239442	0.075233	COMB DB-G2-2	-----	MIN	
2.35E-07	0.275320	73.749250		-0.000642	-0.645806	-100.372443		9.45E-06	0.004117	5.884554		REL_DIST			
0.50000	1.899163	71.135393	0.195954	0.25000	-0.865527	-114.907364	-0.253721	0.75000	0.021899	0.268682	0.075233	T			
2.35E-07	0.304558	103.363538		-0.000642	-0.366354	-43.527193		9.45E-06	0.110924	6.284109		P			
0.75000	0.926368	112.952908	0.195954	0.50000	-1.837017	-73.057261	-0.253721	1.00000	0.021298	0.300938	0.075233	M2			
2.35E-07	0.327035	75.741896		-0.000642	-0.056332	-42.828328		0.50000	-0.031694	-0.618358		M3			
1.00000	0.461057	149.810960	0.195954	0.75000	-2.895784	-34.651635	-0.253721	9.45E-06	0.230049	6.741748		V2			
2.35E-07	0.649747	23.990356		-0.000642	-0.232501	-42.764332	-0.253721					V3			
				-0.000642	-3.830481	-17.472321		REL_DIST							
					-0.444342	-98.067472		T							
COMB DL-G1-2	-----	MIN		COMB DB	-----	MAX		M2				COMB DB-G2-3	-----	MAX	
REL_DIST				REL_DIST				M3				REL_DIST			
T				M2				M2				T			
0.00000	-0.407586	-151.036667	-0.258975	0.00000	4.538109	16.267880	0.127460	0.00000	-0.030308	-0.679869	-0.094989	M2			
-0.001210	-0.688002	-97.199012		0.001268	0.321834	28.448247	0.127460	-0.000862	-0.247200	-3.040142	-0.094989	M3			
0.25000	-0.870223	-114.166040	-0.258975	0.25000	3.389361	48.360525	0.127426	-0.000862	-0.128072	-2.855941	-0.094989	P			
-0.001210	-0.352464	-40.623194		0.50000	2.379959	90.419102	0.127426	-0.000862	-0.009928	-2.723798	-0.094989	V2			
0.50000	-1.841426	-72.328315	-0.258975	0.001268	0.168151	112.806401	0.127426	0.75000	-0.032439	-0.587533	-0.094989	M2			
-0.001210	-0.051484	-40.060553		0.50000	2.379959	90.419102	0.127426	-0.000862	-0.090623	-2.593452	-0.094989	M3			
0.75000	-2.899880	-33.934048	-0.258975	0.001268	0.045568	147.203189	0.127426	1.00000	-0.033284	-0.564008	-0.094989	P			
-0.001210	-0.245122	-39.962191		0.75000	1.316226	130.318472	0.127426	-0.000862	-0.185091	-2.515078	-0.094989	V2			
1.00000	-3.834300	-16.759816	-0.258975	0.001268	0.270923	115.681683						V3			
-0.001210	-0.478812	-95.214717		1.00000	0.502519	37.333506	0.127426								
				0.001268	0.524949	33.412644		COMB DB-G1-2	-----	MAX		REL_DIST			
COMB DL-G1-3	-----	MAX		COMB DB	-----	MIN		REL_DIST				T			
REL_DIST				REL_DIST				M2				M2			
T				T				M3				M3			
0.00000	3.384294	15.950300	0.212242	0.00000	-0.415267	-175.910011	-0.202529	0.00000	4.41769	15.938157	0.103449	P			
0.000677	0.557041	23.720693		-0.001229	-0.520774	-121.943710	-0.202529	3.50E-07	0.265374	28.934928	0.103449	M2			
0.25000	0.312399	33.088144	0.212242	0.25000	-1.228516	-131.828978	-0.202529	0.25000	3.282806	47.346775	0.103449	M3			
0.000677	0.291145	76.880489		-0.001229	-0.272140	-49.174098	-0.202529	3.50E-07	0.141851	111.072694	0.103449	V2			
0.50000	1.952306	71.460907	0.212242	0.50000	-2.292096	-91.934030	-0.202529	0.50000	2.287913	88.498582	0.103449	V3			
0.000677	0.038877	106.669891		-0.001229	-0.055076	-47.473499	-0.202529	3.50E-07	0.038949	144.220664	0.103449	Program			
0.75000	0.979223	113.310794	0.212242	0.75000	-3.301698	-49.873085	-0.202529	File:2교부산형상S1-S403.OUT	SAP2000	Nonlinear	Version	7.42			
0.000677	0.369040	79.591994		1.00000	-0.159505	-48.225936	-0.202529	<	MOVING	Page	LOAD	>			
1.00000	0.513775	150.179752	0.212242	0.00000	-4.445335	-17.773339	-0.202529	1226							
0.000677	0.729588	28.418554		-0.001229	-0.318211	-119.858146		F R A M E	E L E M E N T	I N T E R N A L					
Program	SAP2000	Nonlinear	Version	7.42				F O R C E S							
File:2교부산형상S1-S403.OUT				COMB DL	-----	MAX		REL_DIST							
				REL_DIST				T							
<	MOVING	Page	LOAD	>				M2							
1223								M3							
F R A M E	E L E M E N T	I N T E R N A L		COMB DL-G1-3	-----	MIN		0.00000	3.955214	15.954269	0.212242	REL_DIST			
F O R C E S				REL_DIST				0.001251	0.557041	23.738253	0.212242	T			
				T				0.25000	0.301930	33.092113	0.212242	M2			
COMB DL-G1-3	-----	MIN		0.001251	0.291145	76.890677	0.212242	0.50000	2.292096	-91.934030	-0.202529	M3			
REL_DIST				0.50000	1.959227	71.484876	0.212242	-0.001251	0.038877	106.669891	-0.202529	V2			
T				0.001251	0.369040	79.591994	0.212242	0.75000	0.961444	113.314763	0.212242	V3			
0.00000	-0.410646	-151.788186	-0.289172	0.001251	0.369040	79.591994	0.212242	1.00000	0.520696	150.183721	-0.289172				
-0.001081	-0.739598	-100.569683	-0.289172	0.001251	0.729588	28.418554	-0.289172	COMB DL	-----	MIN					
0.25000	-0.873420	-114.906651	-0.289172	COMB DL	-----	MIN		T							
-0.001081	-0.385897	-43.770358	-0.289172	REL_DIST				M2							
0.50000	-1.844910	-73.056548	-0.289172	0.00000	-0.410646	-151.788899	-0.289172	0.00000	-0.410646	-151.788899	-0.289172	M3			
-0.001081	-0.057081	-43.086516	-0.289172	-0.001210	-0.739598	-100.569683	-0.289172	-0.001210	-0.739598	-100.569683	-0.289172	V2			
0.75000	-2.903678	-34.650922	-0.289172	-0.001210	-0.873420	-114.906651	-0.289172	0.25000	-0.873420	-114.906651	-0.289172	V3			
-0.001081	-0.269469	-42.978379	-0.289172	-0.001210	-0.385897	-43.770358	-0.289172	0.50000	-2.903678	-34.650922	-0.289172				
1.00000	-3.838374	-17.471608	-0.289172	0.50000	-1.844910	-73.057261	-0.289172	0.75000	-2.903678	-34.650922	-0.289172				
-0.001081	-0.524196	-98.047543		-0.001210	-0.057081	-43.086516	-0.289172	1.00000	-3.838374	-17.471608	-0.289172				
				COMB DL-G2-1	-----	MAX		-0.001081	-0.524196	-98.047543					
				REL_DIST				REL_DIST							
COMB DL-G2-1	-----	MAX		T				M2							
REL_DIST				0.00000	0.059342	0.260886	0.054483	0.001251	0.369040	79.591994	0.054483				
T				0.001079	0.013493	4.226225	0.054483	0.25000	0.059342	0.260886	0.054483				
0.00000	0.059342	0.260886	0.054483	0.50000	0.058881	0.269334	0.054483	0.75000	0.058881	0.269334	0.054483				
-0.001079	-0.062427	4.468049	0.054483	0.001079	0.062427	4.468049	0.054483	1.00000	-0.062427	4.468049	0.054483				
0.25000	0.058881	0.269334	0.054483	0.50000	0.058358	0.288260	0.054483	COMB DL-G2-2	-----	MIN					
0.001079	0.062427	4.468049	0.054483	0.001079	0.066537	4.886703	0.054483	REL_DIST							
0.50000	0.058358	0.288260	0.054483	0.75000	0.057878	0.308880	0.054483	T							
0.001079	0.066537	4.886703	0.054483	1.00000	0.057649	0.327055	0.054483	M2							
0.75000	0.057878	0.308880	0.054483	0.001079	0.198158	6.204658		M3							
1.00000	0.057649	0.327055	0.054483	COMB DL-G2-2	-----	MIN		0.00000	0.059342	0.260886	0.054483				
-0.001079	-0.052419	-98.047543		REL_DIST				0.001079	0.013493	4.226225	0.054483				
				T				0.25000	0.058881	0.269334	0.054483				
COMB DL-G2-2	-----	MIN		0.50000	0.058358	0.288260	0.054483	0.75000	0.057878	0.308880	0.054483				
REL_DIST				0.001079	0.066537	4.886703	0.054483	1.00000	0.057649	0.327055	0.054483				
T				0.75000	0.057878	0.308880	0.054483	COMB DL-G2-1	-----	MAX					
0.00000	-0.410646	-151.788186	-0.289172	0.001079	0.198158	6.204658		REL_DIST							
-0.001081	-0.739598	-100.569683	-0.289172	COMB DL-G2-1	-----	MAX		T							
0.25000	-0.873420	-114.906651	-0.289172	REL_DIST				M2							
-0.001081	-0.385897	-43.770358	-0.289172	0.00000	-0.410646	-151.788899	-0.289172	0.00000	-0.410646	-151.788899	-0.289172				
0.50000	-1.844910	-73.056548	-0.289172	-0.001210	-0.739598	-100.569683	-0.289172	-0.001210	-0.739598	-100.569683	-0.289172				
-0.001081	-0.057081	-43.086516	-0.289172	-0.001210	-0.873420	-114.906651	-0.289172	0.25000	-0.873420	-114.906651	-0.289172				
0.75000	-2.903678	-34.650922	-0.289172	-0.001210	-0.385897	-43.770358	-0.289172	0.50000	-2.903678	-34.650922	-0.289172				
-0.001081	-0.269469	-42.978379	-0.289172	0.50000	-1.844910	-73.057261	-0.289172	0.75000	-2.903678	-34.650922	-0.289172				
1.00000	-3.838374	-17.471608	-0.289172	-0.001210	-0.057081	-43.086516	-0.289172	1.00000	-3.838374	-17.471608	-0.289172				
-0.001081	-0.524196	-98.047543		COMB DL-G2-2	-----	MIN		-0.001081	-0.524196	-98.047543					
				REL_DIST				REL_DIST							
COMB DL-G2-2	-----	MIN		T				M2							
REL_DIST				0.00000	0.059342	0.260886	0.054483	0.001251	0.369040	79.591994					

0.000852	0.079645	6.524091			
0.50000	0.055878	0.358029	0.070137		
0.000852	0.005961	6.871449			
0.75000	0.075000	0.378648	0.070137		
0.000852	0.115291	7.276135			
1.00000	0.057164	0.396824	0.070137		
0.000852	0.226014	7.706976			
COMB DL-G2-1 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.011844	-0.741838		-0.088242	
-8.17E-06	-0.217354	-4.376544			
0.25000	-0.012074	-0.723655		-0.088242	
-8.17E-06	-0.106887	-4.386057			
0.50000	-0.012557	-0.703030		-0.088242	
-8.17E-06	-0.013100	-4.422685			
0.75000	-0.013082	-0.684102		-0.088242	
-8.17E-06	-0.094804	-4.459575			
1.00000	-0.013547	-0.675653		-0.088242	
-8.17E-06	-0.183319	-4.523810			
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1229					
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	M2	M3	V2	V3	
0.00000	3.945845	15.822062		0.107525	
0.001011	0.281688	23.965888			
0.25000	3.003045	32.960783		0.107525	
0.001011	0.151027	77.446793			
0.50000	1.935857	71.347292		0.107525	
0.001011	0.032432	106.757501			
0.75000	0.956491	113.163783		0.107525	
0.001011	0.212214	78.625375			
1.00000	0.467925	150.023583		0.107525	
0.001011	0.399125	26.353665			
COMB DL-G2-2 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.383694	-150.697947		-0.152844	
-1.90E-07	-0.390084	-95.237807			
0.25000	-0.850886	-113.826608		-0.152844	
-1.90E-07	-0.207618	-39.683566			
0.50000	-1.829153	-71.995004		-0.152844	
-1.90E-07	-0.057478	-39.443736			
0.75000	-2.895146	-33.609231		-0.152844	
-1.90E-07	-0.157661	-39.425682			
1.00000	-3.837024	-16.473619		-0.152844	
-1.90E-07	-0.279897	-94.812799			
COMB DL-G2-3 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	3.968639	16.200137		0.175544	
0.000993	0.458921	28.401878			
0.25000	3.025559	33.343929		0.175544	
0.000993	0.327127	81.914741			
0.50000	1.958056	71.741794		0.175544	
0.000993	0.036355	111.328593			
0.75000	0.978399	113.570657		0.175544	
0.000993	0.306321	83.592632			
1.00000	0.596955	150.441362		0.175544	
0.000993	0.596944	31.734540			
COMB DL-G2-3 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.410481	-151.330475		-0.235486	
-0.000537	-0.607118	-98.014232			
0.25000	-0.877812	-114.448228		-0.235486	
-0.000537	-0.320719	-42.469749			
0.50000	-1.856368	-72.604247		-0.235486	
-0.000537	-0.065790	-42.255908			
0.75000	-2.922676	-34.207117		-0.235486	
-0.000537	-0.236455	-42.263923			
1.00000	-3.864833	-17.066435		-0.235486	
-0.000537	-0.444054	-97.693408			
COMB DB ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	4.560202	16.565157		0.124415	
0.001093	0.313331	33.430555			
0.25000	0.163826	117.367390		0.124415	
0.001093	0.236608	90.723543		0.124415	
0.001093	0.042353	151.313352			
0.75000	1.315500	130.619516		0.124415	
0.001093	0.150968	119.231168			
0.001093	0.471808	36.471915		0.124415	
COMB DB ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.428922	-175.534406		-0.186180	
-0.001051	-0.485780	-119.819870			
0.25000	-1.248742	-131.507270		-0.186180	
-0.001051	-0.256738	-47.186284			
0.50000	-0.051614	-45.557750		-0.186180	
-0.001051	-0.160860	-46.380021			
0.75000	-3.36574	-49.552311		-0.186180	
-0.001051	-0.160860	-46.380021			
1.00000	-4.490044	-17.453813		-0.186180	
-0.001051	-0.311550	-118.114278			
Program	SAP2000	Nonlinear	Version	7.42	
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1230					
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	M2	M3	V2	V3	
0.00000	3.968639	16.200137		0.196100	
0.001011	0.515330	28.401878			
0.25000	3.025559	33.343929		0.196100	
0.001011	0.268962	81.914741			
0.50000	1.958056	71.741794		0.196100	
0.001011	0.036407	111.328593			
0.75000	0.978399	113.570657		0.196100	
0.001011	0.326213	83.594458			
1.00000	0.509695	150.441362		0.196100	
0.001011	0.643902	31.739637			
COMB DL ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.421522	-151.330475		-0.256776	

-0.000957	-0.666096	-98.014232			
0.25000	-0.888852	-114.448228		-0.256776	
-0.000957	-0.353489	-42.469749			
0.50000	-1.867409	-72.604247		-0.256776	
-0.000957	-0.066099	-42.255908			
0.75000	-2.933717	-34.207117		-0.256776	
-0.000957	-0.256661	-42.263923			
1.00000	-3.875873	-17.066435		-0.256776	
-0.000957	-0.490072	-97.693408			
COMB CAR ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	4.560202	16.565157		0.196100	
0.001093	0.515330	33.430555			
0.25000	0.340331	48.665471		0.196100	
0.001093	0.268962	117.367390			
0.50000	2.386508	90.723543		0.196100	
0.001093	0.042353	151.313352			
0.75000	1.315500	130.619516		0.196100	
0.001093	0.326213	119.231168			
1.00000	0.509695	174.628865		0.196100	
0.001093	0.643902	36.471915			
COMB CAR ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.428922	-175.534406		-0.256776	
-0.001051	-0.666096	-119.819870			
0.25000	-1.248742	-131.507270		-0.256776	
-0.001051	-0.353489	-47.186284			
0.50000	-2.319707	-91.609778		-0.256776	
-0.001051	-0.066099	-45.557750			
0.75000	-3.36574	-49.552311		-0.256776	
-0.001051	-0.256661	-46.380021			
1.00000	-4.490044	-17.453813		-0.256776	
-0.001051	-0.490072	-118.114278			
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1231					
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	205	=====	LENGTH =		
5.032206					
COMB DB-G1-1 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	0.019575	0.642300		0.067422	
0.000243	0.172381	6.722307			
0.25000	0.018735	0.287760		0.067422	
0.000243	0.087717	6.763297			
0.50000	0.017995	0.318594		0.067422	
0.000243	0.003298	6.880541			
0.75000	0.017215	0.347843		0.067422	
0.000243	0.079253	7.125052			
1.00000	0.016618	0.380109		0.067422	
0.000243	0.168961	7.440565			
COMB DB-G1-1 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.035235	-0.585333		-0.071451	
-0.000672	-0.190328	-2.499152			
0.25000	-0.035831	-0.553057		-0.071451	
-0.000672	-0.100829	-2.316471			
0.50000	-0.036611	-0.523808		-0.071451	
-0.000672	-0.011412	-2.185897			
0.75000	-0.037351	-0.492974		-0.071451	
-0.000672	-0.081632	-2.057132			
1.00000	-0.038189	-0.469444		-0.071451	
-0.000672	-0.166287	-1.980388			
COMB DB-G1-2 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	4.371565	16.061290		0.091089	
0.000333	0.241808	31.119077			
0.25000	3.249668	47.473599		0.091089	
0.000333	0.131460	113.163971			
0.50000	2.261675	88.636004		0.091089	
0.000333	0.036967	145.977197			
0.75000	1.220662	127.689738		0.091089	
0.000333	0.145206	114.010886			
1.00000	0.424391	170.758683		0.091089	
0.000333	0.286568	32.319659			
COMB DB-G1-2 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.422880	-171.147310		-0.116730	
-0.000820	-0.191264	-114.130519			
0.25000	-1.219109	-128.058933		-0.116730	
-0.000820	-0.178258	-43.155373			
0.50000	-2.259974	-89.011790		-0.116730	
-0.000820	-0.057112	-41.700201			
0.75000	-3.248052	-47.849100		-0.116730	
-0.000820	-0.125909	-42.659800			
1.00000	-4.367204	-16.453934		-0.116730	
-0.000820	-0.231671	-113.965307			
COMB DB-G1-3 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	4.503945	16.728588		0.122887	
0.000787	0.317436	36.410102			
0.25000	3.357341	48.832674		0.122887	
0.000787	0.167279	120.163296			
0.50000	2.347590	90.901577		0.122887	

0.000787	0.039791	153.705018			
0.75000	1.283651	130.809238		0.122887	
0.000787	0.199302	121.221165			
1.00000	0.469845	174.832800		0.122887	
0.000787	0.390495	38.022176			
COMB DB-G1-3-----MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-0.403562	-175.344998			-0.156484
0.000966	-0.415343	-118.149803			
0.25000	-1.244200	-131.307307			-0.156484
-0.000966	-0.224519	-45.525581			
0.50000	-0.238113	-91.400650			-0.156484
-0.000966	-0.065444	-43.952334			
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FRAME ELEMENT INTERNAL FORCES					
REL_DIST	M2	P	M3	V2	V3
T					
0.75000	-3.317951	-49.331455			-0.156484
-0.000966	-0.170879	-44.846302			
1.00000	-0.461479	-17.226494			-0.156484
-0.000966	-0.316296	-116.717019			
COMB DB-G2-1-----MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	0.045434	0.271218			0.067169
0.000688	0.163016	6.702798			
0.25000	0.044593	0.294747			0.067169
0.000688	0.078825	6.733093			
0.50000	0.043653	0.325581			0.067169
0.000688	0.003311	6.838574			
0.75000	0.043074	0.354830			0.067169
0.000688	0.096655	0.704752			
1.00000	0.042477	0.387096			0.067169
0.000688	0.190201	7.381354			
COMB DB-G2-1-----MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-0.007110	-0.578059			-0.074519
-0.000244	-0.184198	-2.656302			
0.25000	-0.007707	-0.545783			-0.074519
-0.000244	-0.090634	-2.354039			
0.50000	-0.008487	-0.516535			-0.074519
-0.000244	-0.011232	-2.213948			
0.75000	-0.009227	-0.485701			-0.074519
-0.000244	-0.090290	-2.175666			
1.00000	-0.010065	-0.462171			-0.074519
-0.000244	-0.174617	-1.989404			
COMB DB-G2-2-----MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	0.454796	16.068711			0.091826
0.000839	0.232566	31.091650			
0.25000	3.283989	47.481020			0.091826
0.000839	0.121609	113.122700			
0.50000	2.295906	88.543425			0.091826
0.000839	0.036983	145.920361			
0.75000	1.254893	127.091159			0.091826
0.000839	0.167339	113.945499			
1.00000	0.458623	170.766104			0.091826
0.000839	0.314160	32.243508			
COMB DB-G2-2-----MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-0.387612	-17.136681			-0.120726
-0.000334	-0.101281	-114.173333			
0.25000	-1.183740	-128.048303			-0.120726
-0.000334	-0.165179	-43.198945			
0.50000	-0.224705	-89.001161			-0.120726
-0.000334	-0.056834	-41.732578			
0.75000	-3.212783	-47.839470			-0.120726
-0.000334	-0.629044	-42.650275			
1.00000	-3.431935	-16.423504			-0.120726
-0.000334	-0.244876	-113.075319			
COMB DB-G2-3-----MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	4.511837	16.731596			0.121819
0.000984	0.311360	36.405019			
0.25000	3.365233	48.835682			0.121819
0.000984	0.162904	120.155196			
0.50000	2.354682	90.304585			0.121819
0.000984	0.039803	153.692075			
0.75000	1.291543	130.812246			0.121819
0.000984	0.050551	121.205220			
1.00000	0.477737	174.835808			0.121819
0.000984	0.398360	38.000633			
COMB DB-G2-3-----MIN					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	-0.196777	-175.341707			-0.157557
-0.000765	-0.413215	-118.171677			
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FRAME ELEMENT INTERNAL FORCES					
REL_DIST	M2	P	M3	V2	V3
T					
0.25000	-1.233338	-131.304417			-0.157557
-0.000765	-0.221092	-45.543093			
0.50000	-2.297228	-91.397360			-0.157557
-0.000765	-0.065418	-43.965534			
0.000211	0.136155	-49.328165			-0.157557
-0.000765	-0.172998	-44.855193			
1.00000	-4.450864	-17.223204			-0.157557
-0.000765	-0.317068	-116.721601			
COMB DL-G1-1-----MAX					
REL_DIST	M2	P	M3	V2	V3
T					
0.00000	0.021288	0.393291			0.103189
0.000211	0.265974	7.694266			
0.25000	0.020826	0.401734			0.103189
0.000211	0.136155	7.842075			
0.50000	0.023034	0.420668			0.103189
0.000211	0.005939	7.969190			
0.75000	0.019824	0.441294			0.103189
0.000211	0.123719	8.179607			
1.00000	0.019596	0.459473			0.103189
0.000211	0.261493	8.418282			
COMB DL-G1-1-----MIN					

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REL_DIST	P	V2	V3
0.00000	4.487859	17.016964	0.223087
0.000958	0.568010	38.161304	
0.25000	3.341410	49.114796	0.223087
0.000958	0.289737	121.632060	
0.50000	2.331880	91.171587	0.223087
0.000958	0.041164	154.457186	
0.75000	1.126151	131.076439	0.223087
0.000958	0.243821	121.293766	
1.00000	0.463933	175.107037	0.223087
0.000958	0.465702	37.911722	

REL_DIST	P	V2	V3
0.00000	-0.455159	-175.115720	-0.178304
-0.001011	-0.456420	-117.475262	
0.25000	-1.268700	-131.072651	-0.178304
-0.001011	-0.244598	-45.720813	
0.50000	-2.332385	-91.174732	-0.178304
-0.001011	-0.070231	-44.913623	
0.75000	-3.342020	-49.113618	-0.178304
-0.001011	-0.309141	-46.576721	
1.00000	-0.468905	-17.013527	-0.178304
-0.001011	-0.579002	-119.210335	

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REL_DIST	P	V2	V3
0.00000	0.013690	0.677048	0.054666
0.000858	0.138074	7.316657	
0.25000	0.012843	0.700575	0.054666
0.000958	0.069412	6.714958	
0.50000	0.012098	0.731398	0.054666
0.000858	0.005468	6.166729	
0.75000	0.011313	0.760632	0.054666
0.000858	0.048267	5.740302	
1.00000	0.010712	0.792398	0.054666
0.000858	0.097834	5.445394	

REL_DIST	P	V2	V3
0.00000	-0.052315	-0.254211	-0.039476
-9.48E-06	-0.100413	-3.263937	
0.25000	-0.052916	-0.221959	-0.039476
-9.48E-06	-0.050845	-3.318114	
0.50000	-0.053701	-0.192718	-0.039476
-9.48E-06	-0.010090	-3.418821	
0.75000	-0.044446	-0.161897	-0.039476
-9.48E-06	-0.067798	-3.521333	
1.00000	-0.055293	-0.138379	-0.039476
-9.48E-06	-0.136459	-3.675904	

REL_DIST	P	V2	V3
0.00000	4.373715	16.831978	0.104939
0.001038	0.274234	32.269188	
0.25000	3.325997	48.239907	0.104939
0.001038	0.146156	113.342985	
0.50000	2.258267	89.389062	0.104939
0.001038	0.040370	144.675852	
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REL_DIST	P	V2	V3
0.75000	1.210621	126.415761	0.104939
0.001038	0.081798	111.319270	
0.00000	0.408756	171.543948	0.104939
0.001038	0.157234	28.790680	

REL_DIST	P	V2	V3
0.00000	-0.460139	-170.377328	-0.063020
-3.51E-07	-0.159203	-114.638743	
0.25000	-1.262167	-127.320937	-0.063020
-3.51E-07	-0.082725	-44.497445	
0.50000	-2.309867	-88.284719	-0.063020
-3.51E-07	-0.054880	-43.643767	
0.75000	-3.304418	-47.139129	-0.063020
-3.51E-07	-0.146284	-45.199127	
1.00000	-4.435864	-15.742295	-0.063020
-3.51E-07	-0.273872	-116.253683	

REL_DIST	P	V2	V3
0.00000	4.504614	17.785702	0.167393
0.000924	0.429333	37.965143	
0.25000	3.348994	49.885208	0.167393
0.000924	0.221948	120.298412	
0.50000	2.332358	91.940671	0.167393
0.000924	0.044566	151.935323	
0.75000	1.261640	131.826835	0.167393
0.000924	0.151426	117.659865	
1.00000	0.442116	175.904811	0.167393
0.000924	0.295579	33.231229	

REL_DIST	P	V2	V3
0.00000	-0.482066	-174.353554	-0.117805
-0.000615	-0.296001	-119.138736	
0.25000	-1.301757	-130.348955	-0.117805
-0.000615	-0.150783	-47.513761	
0.50000	-2.372530	-90.453063	-0.117805
-0.000615	-0.062593	-46.702291	
0.75000	-3.388983	-48.401345	-0.117805
-0.000615	-0.228127	-48.352912	
1.00000	-4.545347	-16.313076	-0.117805
-0.000615	-0.453472	-121.033272	

REL_DIST	P	V2	V3
0.00000	0.027239	0.680089	0.102677
9.18E-06	0.254104	7.284104	
0.25000	0.026392	0.730615	0.102677
9.18E-06	0.125608	6.679524	
0.50000	0.025647	0.734439	0.102677
9.18E-06	0.005512	6.126902	
0.75000	0.024862	0.763672	0.102677
9.18E-06	-0.112316	5.700006	
1.00000	0.024262	0.795978	0.102677
9.18E-06	0.223876	5.402229	

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REL_DIST	P	V2	V3
0.00000	-0.031824	-0.262390	-0.088853
-0.000899	-0.222366	-3.319900	
0.25000	-0.032425	-0.230128	-0.088853
-0.000899	-0.110798	-3.368895	
0.50000	-0.033209	-0.200887	-0.088853
-0.000899	-0.010105	-3.469791	
0.75000	-0.033954	-0.170067	-0.088853
-0.000899	-0.132452	-3.572491	
1.00000	-0.034802	-0.146548	-0.088853
-0.000899	-0.261369	-3.727251	

REL_DIST	P	V2	V3
0.00000	4.404660	16.834130	0.168303
3.40E-07	0.427887	32.225744	
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REL_DIST	P	V2	V3
0.25000	3.273941	48.241959	0.168303
3.40E-07	0.220322	113.295336	
0.50000	2.279211	89.391214	0.168303
3.40E-07	0.040344	144.621819	
0.75000	1.231565	128.417913	0.168303
3.40E-07	0.160525	11.2563123	
1.00000	0.429700	171.546099	0.168303
3.40E-07	0.312227	28.734619	

REL_DIST	P	V2	V3
0.00000	-0.432549	-170.71528	-0.123754
-0.001095	-0.309263	-114.697558	
0.25000	-1.234577	-127.315137	-0.123754
-0.001095	-0.156522	-44.556453	
0.50000	-2.282278	-88.278919	-0.123754
-0.001095	-0.054751	-43.702969	
0.75000	-3.276928	-47.133329	-0.123754
-0.001095	-0.231416	-45.258523	
1.00000	-4.408275	-15.736496	-0.123754
-0.001095	-0.438607	-116.313272	

REL_DIST	P	V2	V3
0.00000	4.506299	17.787049	0.183310
0.000595	0.466917	37.954624	
0.25000	3.350679	49.886555	0.183310
0.000595	0.240563	120.298412	
0.50000	2.334043	91.942019	0.183310
0.000595	0.044576	151.923449	
0.75000	1.263325	131.828182	0.183310
0.000595	0.178410	117.646243	
1.00000	0.443801	175.906158	0.183310
0.000595	0.348633	33.216031	

REL_DIST	P	V2	V3
0.00000	-0.476133	-174.351983	-0.138571
-0.000975	-0.347271	-119.162479	
0.25000	-1.295823	-130.347384	-0.138571
-0.000975	-0.176004	-47.537613	
0.50000	-2.366597	-90.451492	-0.138571
-0.000975	-0.062605	-46.726253	
0.75000	-3.383030	-48.399744	-0.138571
-0.000975	-0.249465	-48.376984	
1.00000	-4.539413	-16.311505	-0.138571
-0.000975	-0.475410	-121.057454	

REL_DIST	P	V2	V3
0.00000	0.016354	0.805797	0.070896
0.000831	0.174607	7.763151	
0.25000	0.015890	0.814275	0.070896
0.000831	0.086484	7.068440	
0.50000	0.015364	0.833208	0.070896
0.000831	0.007596	6.400267	
0.75000	0.014881	0.853832	0.070896
0.000831	0.062681	5.791963	
1.00000	0.014650	0.872006	0.070896
0.000831	0.122325	5.221939	

REL_DIST	P	V2	V3
0.00000	-0.066939	-0.286584	-0.047355
-8.75E-06	-0.116578	-5.331362	
0.25000	-0.067171	-0.268414	-0.047355
-8.75E-06	-0.057246	-5.244666	
0.50000	-0.067653	-0.247792	-0.047355
-8.75E-06	-0.01126	-5.185645	
0.75000	-0.068179	-0.228874	-0.047355
-8.75E-06	-0.093396	-5.124798	
1.00000	-0.068644	-0.220422	-0.047355
-8.75E-06	-0.182376	-5.091435	
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REL_DIST	P	V2	V3
0.00000	3.873710	16.660882	0.137246
0.000944	0.347723	26.263622	
0.25000	2.931684	33.855273	0.137246
0.000944	0.179299	78.206757	
0.50000	1.865107	72.250904	0.137246
0.000944	0.034746	105.857248	
0.75000	0.886720	114.076712	0.137246
0.000944	0.128303	76.018909	
1.00000	0.418275	150.933960	0.137246
0.000944	0.231650	22.030792	

REL_DIST	P	V2	V3
0.00000	-0.464904	-149.780004	-0.083307
-2.03E-07	-0.199746	-95.890128	
0.25000	-0.934169	-112.930075	-0.083307
-2.03E-07	-0.109385	-40.661368	
0.50000	-1.912765	-71.109938	-0.083307
-2.03E-07	-0.056127	-40.656550	
0.75000	-2.979243	-32.743427	-0.083307
-2.03E-07	-0.198373	-40.931592	

REL_DIST	P	V2	V3
0.00000	3.912729	17.360367	0.232154
0.000843	0.579441	31.688255	
0.25000	2.970424	34.559846	0.232154
0.000843	0.291557	83.032001	
0.50000	1.903532	72.966836	0.232154
0.000843	0.039558	110.100818	
0.75000	0.924855	114.805019	0.232154
0.000843	0.234264	79.975511	
1.00000	0.456272	151.673171	0.232154
0.000843	0.439063	25.776014	

REL_DIST	P	V2	V3
0.00000	-0.479694	-150.126658	-0.164046
-0.000551	-0.397204	-99.410543	
0.25000	-0.490908	-113.265827	-0.164046
-0.000551	-0.205161	-44.116272	
0.50000	-1.927984	-71.433317	-0.164046
-0.000551	-0.064015	-44.229201	
0.75000	-2.994777	-33.055455	-0.164046
-0.000551	-0.323378	-44.494376	
1.00000	-3.937057	-15.910828	-0.164046
-0.000551	-0.606381	-100.136992	

COMB DL-G2-1 ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.040365	0.815887	0.153303
8.45E-06	0.375719	7.766314	
0.25000	0.039900	0.824366	0.153303
8.45E-06	0.182838	7.059449	
0.50000	0.039374	0.843299	0.153303
8.45E-06	0.007554	6.379700	
0.75000	0.038892	0.863933	0.153303
8.45E-06	0.169970	5.758785	
1.00000	0.038661	0.882097	0.153303
8.45E-06	0.333506	5.174163	

COMB DB-G1-2					MAX
REL_DIST	T	M2	M3	P	V2
0.00000	0.00000	4.35486	17.047355		0.108183
0.001221	0.290293	28.798996			
0.25000	0.326273	48.481316			0.108183
0.001221	0.154668	109.630681			
0.50000	2.237923	89.662588			0.108183
0.001221	0.042336	140.499876			
0.75000	1.196595	128.708817			0.108183
0.001221	0.081601	106.696126			
1.00000	0.400550	171.835975			0.108183
0.001221	0.154339	23.700946			

COMB DB-G1-2					MIN
REL_DIST	T	M2	M3	P	V2
0.00000	-0.453326	-170.166367			-0.061577
-3.93E-07	-0.154761	-116.252264			
0.25000	-1.250015	-127.182555			-0.061577
-3.93E-07	-0.073794	-45.855115			
0.50000	-2.291458	-88.8114723			-0.061577
-3.93E-07	-0.047722	-44.840358			
0.75000	-3.279488	-46.942116			-0.061577
-3.93E-07	-0.150241	-46.235289			
1.00000	-4.401361	-15.534149			-0.061577
-3.93E-07	-0.280541	-117.387192			

COMB DB-G1-3					MAX
REL_DIST	T	M2	M3	P	V2
0.00000	0.458256	18.050592			0.175853
0.001088	4.459681	33.250361			
0.25000	3.314396	50.176806			0.175853
0.001088	0.239041	115.239935			
0.50000	2.304178	92.264992			0.175853
0.001088	0.046575	146.275333			
0.75000	1.240019	132.171115			0.175853
0.001088	0.151241	111.379790			
1.00000	0.426443	176.248040			0.175853
0.001088	0.293504	26.319741			

COMB DB-G1-3					MIN
REL_DIST	T	M2	M3	P	V2
0.00000	-0.470235	-174.014202			-0.117015
-0.000711	-0.294041	-121.034328			
0.25000	-1.293469	-130.083780			-0.117015
-0.000711	-0.147046	-49.015177			
0.50000	-2.357847	-90.155578			-0.117015
-0.000711	-0.052903	-47.906392			
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COMB DB-G2-1					MAX
REL_DIST	T	M2	M3	P	V2
0.00000	0.018583	0.760633			0.108345
1.02E-05	0.271099	5.417638			
0.25000	0.017745	0.784179			0.108345
1.76E-05	0.134967	4.653537			
0.50000	0.017004	0.815026			0.108345
1.02E-05	0.005414	3.878818			
0.75000	0.016224	0.844274			0.108345
1.02E-05	0.112309	3.208068			
1.00000	0.015628	0.765759			0.108345
1.02E-05	0.224706	2.679202			

COMB DB-G2-1					MIN
REL_DIST	T	M2	M3	P	V2
0.00000	-0.037569	-0.229755			-0.089515
-0.001047	-0.224894	-3.731757			
0.25000	-0.038166	-0.197557			-0.089515
-0.001047	-0.112494	-3.560505			
0.50000	-0.038946	-0.168293			-0.089515
-0.001047	-0.008182	-3.441225			
0.75000	-0.039886	-0.137452			-0.089515
-0.001047	-0.137077	-3.323750			
1.00000	-0.040526	-0.113925			-0.089515
-0.001047	-0.273164	-3.258527			

COMB DB-G2-2					MAX
REL_DIST	T	M2	M3	P	V2
0.00000	0.469836	28.756549			0.180225
3.76E-07	0.333958	48.479747			
0.25000	0.246822	109.589426			0.180225
3.76E-07	0.247508	89.661019			
0.50000	0.042404	140.457614			0.180225
0.75000	1.206280	128.707248			
3.76E-07	0.161153	106.656053			0.180225
1.00000	0.410235	171.834406			
3.76E-07	0.319424	23.664231			

COMB DB-G2-2					MIN
REL_DIST	T	M2	M3	P	V2
0.00000	-0.436684	-170.175307			-0.124895
-0.001270	-0.313748	-116.311917			
0.25000	-1.233373	-127.191495			-0.124895
-0.001270	-0.156847	-45.910049			
0.50000	-2.274816	-88.123663			-0.124895
-0.001270	-0.047587	-44.890573			
0.75000	-3.362846	-46.951056			-0.124895
-0.001270	-0.242141	-46.280786			
1.00000	-4.384719	-15.543089			-0.124895
-0.001270	-0.462951	-117.427969			

COMB DB-G2-3					MAX
REL_DIST	T	M2	M3	P	V2
0.00000	0.456389	18.050615			0.193860
0.000682	0.504663	33.240626			
0.25000	3.312599	50.176829			0.193860
0.000682	0.261397	115.239935			
0.50000	2.302311	92.265015			0.193860
0.000682	0.046614	146.267628			
0.75000	1.238152	132.171138			0.193860
0.000682	0.178406	111.372113			
1.00000	0.424576	176.248063			0.193860
0.000682	0.347806	26.311784			

COMB DB-G2-3					MIN
REL_DIST	T	M2	M3	P	V2
0.00000	-0.453326	-170.166367			-0.061577
-3.93E-07	-0.154761	-116.252264			
0.25000	-1.250015	-127.182555			-0.061577
-3.93E-07	-0.073794	-45.855115			
0.50000	-2.291458	-88.8114723			-0.061577
-3.93E-07	-0.047722	-44.840358			
0.75000	-3.279488	-46.942116			-0.061577
-3.93E-07	-0.150241	-46.235289			
1.00000	-4.401361	-15.534149			-0.061577
-3.93E-07	-0.280541	-117.387192			

COMB DL-G1-1					MAX
REL_DIST	T	M2	M3	P	V2
0.00000	-0.477416	-174.024186			-0.138618
-0.001132	-0.348287	-121.058515			
Program	SAP2000	Nonlinear	Version	7.42	
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COMB DL-G1-1					MIN
REL_DIST	T	M2	M3	P	V2
0.25000	-1.291651	-130.093764			-0.138618
-0.001132	-0.174155	-49.037499			
0.50000	-2.356028	-90.165562			-0.138618
-0.001132	-0.052851	-47.926848			
0.75000	-3.365817	-48.086232			-0.138618
-0.001132	-0.261836	-49.278954			
1.00000	-4.512397	-15.986585			-0.138618
-0.001132	-0.488267	-121.924250			

COMB DL-G1-1					MAX
REL_DIST	T	M2	M3	P	V2
0.00000	0.018659	0.847626			0.080516
0.001015	0.198536	5.221224			
0.25000	0.018197	0.856089			0.080516
0.001015	0.097364	4.336949			
0.50000	0.017675	0.875037			0.080516
0.75000	0.017196	0.895677			0.080516
0.001015	0.078806	2.760548			
1.00000	0.016968	0.913865			0.080516
0.001015	0.152825	2.233654			

COMB DL-G1-1					MIN
REL_DIST	T	M2	M3	P	V2
0.00000	-0.058751	-0.300968			-0.058741
-1.01E-05	-0.141477	-5.083637			
0.25000	-0.053980	-0.282785			-0.058741
-1.01E-05	-0.067864	-4.760376			
0.50000	-0.059460	-0.262158			-0.058741
-1.01E-05	-0.006691	-4.465314			
0.75000	-0.059983	-0.432327			-0.058741
-1.01E-05	-0.104125	-4.336968			
1.00000	-0.060444	-0.234824			-0.058741
-1.01E-05	-0.205373	-4.406547			

COMB DL-G1-2					MAX
REL_DIST	T	M2	M3	P	V2
0.00000	3.851721	16.790735			0.158801
0.001202	0.406364	22.037103			
0.25000	2.916205	33.953820			0.158801
0.001202	0.209221	73.505968			
0.50000	1.856512	72.379127			0.158801
0.001202	0.034985	100.794583			
0.75000	0.884449	112.379797			0.158801
0.001202	0.159352	70.626404			
1.00000	0.423082	151.123346			0.158801
0.001202	0.290358	17.170643			

COMB DL-G1-2					MIN
REL_DIST	T	M2	M3	P	V2
0.00000	-0.458651	-149.689956			-0.106118
-3.76E-07	-0.255137	-96.553537			
0.25000	-0.923032	-112.815747			-0.106118
-3.76E-07	-0.132256	-40.943218			
0.50000	-1.895683	-70.983603			-0.106118
-3.76E-07	-0.046384	-40.678419			
0.75000	-2.955478	-32.592562			-0.106118
-3.76E-07	-0.246370	-40.840464			
1.00000	-3.890722	-15.551356			-0.106118
-3.76E-07	-0.408895	-97.220699			

COMB DL-G1-3					MAX
REL_DIST	T	M2	M3	P	V2
0.00000	3.887112	17.505747			0.264483
0.001074	0.668728	25.806467			
0.25000	2.951318	34.673910			0.264483
0.001074	0.336110	76.557871			
0.50000	1.891312	73.110585			0.264483
0.001074	0.039432	103.136535			
0.75000	0.918961	114.981839			0.264483
0.001074	0.276215	72.621273			
1.00000	0.457457	151.878102			0.264483
0.001074	0.520517	18.930004			
Program	SAP2000	Nonlinear	Version	7.42	
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MOVING LOAD

FRAME ELEMENT INTERNAL FORCES

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

REL_DIST	T	M2	P	M3	V2	V3
0.00000	-0.479302	-149.975918		-0.050118	-0.196349	
-0.000703	-0.477989	-100.143955				
0.25000	-0.943820	-113.090800			-0.196349	
-0.000703	-0.241309	-44.329825				
0.50000	-1.916759	-71.246279			-0.196349	
-0.000703	-0.050621	-44.080132				

0.000000	-4.524508	-16.107197	-0.120884	0.001364	0.224646	69.282747	0.166995	COMB	DB	-----	MAX	0.000843	0.004467	0.710279	0.054711			
-0.000723	-0.440942	-121.820935		0.500000	1.887827	17.903619		0.750000	0.027564			0.000843	0.027564	0.547942	0.054711			
COMB DB-G2-1 ----- MAX								0.166995	0.000843	0.027564	0.753455	0.000843	0.063577	0.753455	0.054711			
REL_DIST	T	M2	P	M3	V2	V3		0.000000	4.502741	17.260246	0.198046	COMB DB-G1-1 ----- MIN						
0.000000	0.020173	0.531959		0.108471	0.001364	0.192759	68.154590	0.001267	0.519679	26.338515		0.000000	M2	P	M3	V2	V3	
1.02E-05	0.273499	2.692170		0.108471	0.001364	0.356725	15.950060	0.001267	0.350206	49.429379	0.198046	0.000000	-0.012758		-186723		-0.047035	
0.250000	0.019329	0.555536		0.108471	0.001267	0.270856	109.150521	0.001267	0.046830	141.043287	0.198046	0.250000	-0.113353		-2.913337		-0.047035	
1.02E-05	0.137221	2.180725		0.108471	0.001267	0.046830	141.043287	0.001267	0.270856	109.150521	0.198046	0.000000	-0.013360		-0.154913		-0.047035	
0.500000	0.018582	0.586423		0.108471	0.001267	0.046830	141.043287	0.001267	0.046830	141.043287	0.198046	0.000000	-0.004437		-0.054243		-2.951264	
1.02E-05	0.004574	1.678602		0.108471	0.001267	1.259530	131.482100	0.001267	0.195542	107.149085	0.198046	0.500000	-0.014146		-0.125488		-0.047035	
0.750000	0.017796	0.615675		0.108471	0.001267	0.195542	107.149085	0.001267	0.439128	175.589256	0.198046	0.000000	-0.004437		-0.041426		-0.047035	
1.02E-05	0.110503	1.230505		0.108471	0.001267	0.439128	175.589256	0.001267	0.365987	22.623614	0.198046	0.000000	-0.004437		-0.001691		-3.041691	
1.000000	0.017195	0.648002		0.108471	0.001267	0.365987	22.623614	0.001267	0.000000	0.450274	0.198046	0.750000	-0.014890		-0.094484		-0.047035	
1.02E-05	0.221588	0.880505		0.108471	0.001267	0.000000	0.450274	0.001267	0.350206	49.429379	0.198046	0.000000	-0.004437		-0.069316		-3.133856	
COMB DB-G2-1 ----- MIN								0.166995	0.000843	0.122720	0.765908	0.000437	-0.157252		-0.070868		-0.047035	
REL_DIST	T	M2	P	M3	V2	V3		0.000000	-0.465107	-174.182650	-0.143200	0.000437	-0.138017		-3.279348		-0.047035	
0.000000	-0.038698	-0.198574		-0.088455	0.001306	-0.353414	-121.932720	0.001306	-0.353414	-121.932720	-0.143200	0.000000	M2	P	M3	V2	V3	
-0.001084	-0.222735	-3.266205		-0.088455	0.001306	-0.129085	-130.296845	0.001306	-0.129085	-130.296845	-0.143200	0.250000	-0.113353		-2.913337		-0.047035	
0.250000	-0.039299	-0.166409		-0.088455	0.001306	-0.175033	-49.535123	0.001306	-0.175033	-49.535123	-0.143200	0.500000	-0.013360		-0.154913		-0.047035	
-0.001084	-0.111658	-3.128787		-0.088455	0.001306	-2.358694	-90.321675	0.001306	-2.358694	-90.321675	-0.143200	0.000000	-0.004437		-0.054243		-2.951264	
0.500000	0.040085	-0.137111		-0.088455	0.001306	-0.043830	-48.251527	0.001306	-0.043830	-48.251527	-0.143200	0.500000	-0.014146		-0.125488		-0.047035	
-0.001084	-0.002582	-3.043484		-0.088455	0.001306	-3.276569	-48.204585	0.001306	-3.276569	-48.204585	-0.143200	0.000000	-0.004437		-0.041426		-0.047035	
0.750000	-0.040831	-0.106242		-0.088455	0.001306	-0.057260	-49.131620	0.001306	-0.057260	-49.131620	-0.143200	0.000000	-0.004437		-0.001691		-3.041691	
-0.001084	-0.135111	-2.959779		-0.088455	0.001306	-0.493453	-121.833408	0.001306	-0.493453	-121.833408	-0.143200	0.500000	-0.014146		-0.125488		-0.047035	
1.000000	-0.041677	-0.082720		-0.088455	0.001306	-0.359587	-22.623614	0.001306	-0.359587	-22.623614	-0.143200	0.001019	0.045083		89.979574		0.103857	
-0.001084	-0.271385	-2.928708		-0.088455	0.001306	-0.043830	-48.251527	0.001306	-0.043830	-48.251527	-0.143200	0.750000	-0.012043		129.175110		0.103857	
COMB DB-G2-2 ----- MAX								0.166995	0.000843	0.122720	0.765908	0.001019	0.138017		100.622522		0.103857	
REL_DIST	T	M2	P	M3	V2	V3		<	MOVING	Page	LOAD	>	0.000000	0.409985		172.055906		0.103857
0.000000	4.393626	16.443516		0.180861	0.001219	0.602640	17.088028	0.001219	0.602640	17.088028	0.180861	0.000000	0.246538		17.390109		0.103857	
3.79E-07	0.476406	23.682528		0.180861	0.001219	0.356725	15.950060	0.001219	0.356725	15.950060	0.180861	0.250000	-0.039299		-0.166409		-0.088455	
Program	SAP2000	Nonlinear	Version	7.42	0.001219	0.270856	109.150521	0.001219	0.270856	109.150521	0.180861	0.500000	-0.111658		-3.128787		-0.088455	
File:2교부산방향S1-S403.OUT				0.001219	0.046830	141.043287	0.180861	0.001219	0.046830	141.043287	0.180861	0.750000	-0.040831		-0.106242		-0.088455	
< MOVING Page LOAD >								0.166995	0.000843	0.122720	0.765908	0.001219	0.046830		141.043287		0.180861	
FRAME ELEMENT INTERNAL FORCES	1260				0.001219	0.356725	15.950060	0.001219	0.356725	15.950060	0.180861	0.500000	-0.111658		-3.128787		-0.088455	
REL_DIST	T	M2	P	M3	V2	V3		0.000000	-0.457797	-150.072344	-0.228592	0.000000	M2	P	M3	V2	V3	
0.250000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.250000	-0.243735		-113.146966		-0.228592	
0.000000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.000000	-0.243735		-113.146966		-0.228592	
0.250000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.250000	-0.243735		-113.146966		-0.228592	
0.000000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.000000	-0.243735		-113.146966		-0.228592	
0.250000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.250000	-0.243735		-113.146966		-0.228592	
0.000000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.000000	-0.243735		-113.146966		-0.228592	
0.250000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.250000	-0.243735		-113.146966		-0.228592	
0.000000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.000000	-0.243735		-113.146966		-0.228592	
0.250000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.250000	-0.243735		-113.146966		-0.228592	
0.000000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.000000	-0.243735		-113.146966		-0.228592	
0.250000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.250000	-0.243735		-113.146966		-0.228592	
0.000000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.000000	-0.243735		-113.146966		-0.228592	
0.250000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.250000	-0.243735		-113.146966		-0.228592	
0.000000	-0.000721	-0.558665		-100.539881	0.000000	-0.558665	-100.539881	0.000000	-0.558665	-100.539881	-0.228592	0.000000	-0.243735		-113.146966		-0.228592	
0.250000	-0.000721	-0.55866																

[illegible]

-0.000938	-0.101972	-6.639746			
1.00000	-0.007211	-0.602160	-0.104841		
-0.000938	-0.205002	-6.441230			
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-G1-2 ----- MAX					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	3.953754	15.584337			0.144307
0.000478	0.387177	14.760019			
0.25000	3.046392	32.004934			0.144307
0.000478	0.206003	66.486440			
0.50000	1.971612	70.520226			0.144307
0.000478	0.042316	96.274544			
0.75000	0.984187	112.534759			0.144307
0.000478	0.273986	68.156259			
1.00000	0.523248	149.564406			0.144307
0.000478	0.517693	16.679703			
COMB DL-G1-2 ----- MIN					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	-0.384094	-151.575241			-0.194728
-0.001109	-0.472596	-106.722125			
0.25000	-0.828009	-114.561017			-0.194728
-0.001109	-0.242400	-48.209125			
0.50000	-1.810585	-72.493846			-0.194728
-0.001109	-0.036612	-46.934088			
0.75000	-2.882523	-33.861104			-0.194728
-0.001109	-0.183738	-45.946255			
1.00000	-3.829364	-16.951208			-0.194728
-0.001109	-0.350503	-100.875972			
COMB DL-G1-3 ----- MAX					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	4.030102	15.757059			0.238141
0.001078	0.627626	15.581818			
0.25000	3.082460	32.182515			0.238141
0.001078	0.328166	67.205020			
0.50000	2.007362	70.709202			0.238141
0.001078	0.048793	97.069156			
0.75000	1.019645	112.736166			0.238141
0.001078	0.404900	69.259884			
1.00000	0.558569	149.776768			0.238141
0.001078	0.778997	18.155648			
COMB DL-G1-3 ----- MIN					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	-0.406799	-152.190484			-0.298515
-0.001272	-0.732610	-111.983628			
0.25000	-0.850845	-115.165309			-0.298515
-0.001272	-0.372064	-53.134714			
0.50000	-1.833712	-73.085693			-0.298515
-0.001272	-0.037850	-51.584510			
0.75000	-2.905967	-34.441520			-0.298515
-0.001272	-0.295769	-50.398925			
1.00000	-3.853087	-17.526621			-0.298515
-0.001272	-0.580707	-105.198681			
COMB DL-G2-1 ----- MAX					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	0.041787	0.161579			0.155116
0.000998	0.395642	0.992604			
0.25000	0.041320	0.169676			0.155116
0.000998	0.200431	1.062393			
0.50000	0.040790	0.188668			0.155116
0.000998	0.009235	1.133723			
0.75000	0.040303	0.209385			0.155116
0.000998	0.216530	1.254418			
1.00000	0.040076	0.227644			0.155116
0.000998	0.431345	1.470880			
COMB DL-G2-1 ----- MIN					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	-0.045928	-0.672520			-0.170907
-0.000462	-0.427052	-7.769078			
0.25000	-0.046147	-0.654268			-0.170907
-0.000462	-0.212304	-7.372414			
0.50000	-0.046632	-0.633525			-0.170907
-0.000462	-0.001746	-7.022784			
0.75000	-0.047160	-0.614476			-0.170907
-0.000462	-0.187336	-7.477825			
1.00000	-0.047627	-0.606137			-0.170907
-0.000462	-0.382548	-6.556714			
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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	P	M3	V2 V3
0.00000	3.964512	15.591973			0.235584
0.001183	0.622575	14.769352			
0.25000	3.017150	32.012571			0.235584
0.001183	0.325778	66.505623			
0.50000	1.942370	70.527863			0.235584
0.001183	0.042988	96.302920			
0.75000	0.954946	112.542396			0.235584
0.001183	0.368378	68.180890			
1.00000	0.494006	149.572043			0.235584
0.001183	0.712955	16.708516			
COMB DL-G2-2 ----- MIN					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	-0.429866	-151.579197			-0.275091
-0.000534	-0.680933	-106.822608			
0.25000	-0.873782	-114.564873			-0.275091
-0.000534	-0.349738	-48.320469			
0.50000	-1.856357	-72.497802			-0.275091
-0.000534	-0.037163	-47.055606			
0.75000	-2.928295	-33.865060			-0.275091
-0.000534	-0.291306	-46.077237			
1.00000	-3.875136	-16.955164			-0.275091
-0.000534	-0.573333	-101.016616			
COMB DL-G2-3 ----- MAX					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	4.016069	15.760438			0.266564
0.001309	0.700993	15.588009			
0.25000	3.068427	32.185894			0.266564
0.001309	0.365275	67.251351			
0.50000	1.993329	70.712581			0.266564
COMB DL-G2-3 ----- MIN					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	-0.429866	-176.481521			-0.326546
-0.001272	-0.805061	-126.713982			
0.25000	-1.224970	-132.561998			-0.326546
-0.001272	-0.409181	-53.172968			
0.50000	-2.303301	-51.621256			-0.326546
-0.001272	-0.038813	-50.195249			
0.75000	-3.28312	-50.195249			-0.326546
-0.001272	-0.462321	-17.881396			
1.00000	-6.650148	-122.053134			-0.326546
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0.001309	0.049134	97.081049			
0.75000	1.005612	112.739545			0.266564
0.001309	0.438338	69.272498			
0.00000	0.544565	176.780147			0.266564
0.001309	0.847292	18.170309			
COMB DL-G2-3 ----- MIN					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	-0.428343	-152.192984			-0.326546
-0.001091	-0.805061	-112.017234			
0.25000	-0.872390	-115.167808			-0.326546
-0.001091	-0.409181	-53.172968			
0.50000	-1.855256	-73.088192			-0.326546
-0.001091	-0.038130	-51.627695			
0.75000	-2.927511	-34.444020			-0.326546
-0.001091	-0.329219	-50.446119			
1.00000	-3.874632	-17.529121			-0.326546
-0.001091	-0.650148	-105.233079			
COMB DB ----- MAX					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	4.592075	15.506661			0.165277
0.001258	0.442111	18.199038			
0.25000	3.439206	47.706362			0.165277
0.001258	0.234545	103.556769			
0.50000	2.417978	89.994319			0.165277
0.001258	0.048825	137.609403			
0.75000	1.338248	130.143257			0.165277
0.001258	0.243720	105.285456			
1.00000	0.511281	173.575851			0.165277
0.001258	0.462306	22.805851			
COMB DB ----- MIN					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	-0.402199	-176.481521			-0.174011
-0.001237	-0.417329	-126.713982			
0.25000	-1.224970	-132.561998			-0.174011
-0.001237	-0.219055	-51.483219			
0.50000	-2.303301	-52.521256			-0.174011
-0.001237	-0.038813	-49.319236			
0.75000	-3.283122	-50.195249			-0.174011
-0.001237	-0.205686	-49.943153			
1.00000	-4.462321	-17.881396			-0.174011
-0.001237	-0.406276	-122.053134			
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F R A M E E L E M E N T I N T E R N A L					
COMB DL ----- MAX					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	4.301012	15.760438			0.266564
0.001309	0.438338	18.199038			
0.25000	3.082460	32.185894			0.266564
0.001309	0.365275	67.251351			
0.50000	2.007362	70.712581			0.266564
0.001309	0.049134	97.081049			
0.75000	1.019645	112.739545			0.266564
0.001309	0.438338	69.272498			
1.00000	0.558569	149.780147			0.266564
0.001309	0.847292	18.170309			
COMB DL ----- MIN					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	-0.429866	-152.192984			-0.326546
-0.001272	-0.805061	-112.017234			
0.25000	-0.871782	-115.167808			-0.326546
-0.001272	-0.409181	-53.172968			
0.50000	-1.856357	-73.088192			-0.326546
-0.001272	-0.038130	-51.627695			
0.75000	-2.928295	-34.444020			-0.326546
-0.001272	-0.329219	-50.446119			
1.00000	-3.875136	-17.529121			-0.326546
-0.001272	-0.650148	-105.233079			
COMB CAR ----- MAX					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	4.592075	15.760438			0.266564
0.001309	0.438338	18.199038			
0.25000	3.439206	47.706362			0.266564
0.001309	0.365275	103.556769			
0.50000	2.417978	89.994319			0.266564
0.001309	0.049134	137.609403			
0.75000	1.338248	130.143257			0.266564
0.001309	0.438338	105.285456			
1.00000	0.558569	151.627695			0.266564
0.001309	0.847292	22.805851			
COMB CAR ----- MIN					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	-0.429866	-176.481521			-0.326546
-0.001272	-0.805061	-126.713982			
0.25000	-1.224970	-132.561998			-0.326546
-0.001272	-0.409181	-53.172968			
0.50000	-2.303301	-52.521256			-0.326546
-0.001272	-0.038813	-51.627695			
0.75000	-3.28312	-50.195249			-0.326546
-0.001272	-0.329219	-50.446119			
1.00000	-4.462321	-17.881396			-0.326546
-0.001272	-0.650148	-122.053134			
COMB DESIGN ----- MAX					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	4.592075	15.760438			0.266564
0.001309	0.438338	18.199038			
0.25000	3.439206	47.706362			0.266564
0.001309	0.365275	103.556769			
0.50000	2.417978	89.994319			0.266564
0.001309	0.049134	137.609403			
0.75000	1.338248	130.143257			0.266564
0.001309	0.438338	105.285456			
1.00000	0.558569	173.575851			0.266564
0.001309	0.847292	22.805851			
COMB DESIGN ----- MIN					
REL_DIST	T	M2	P	M3	V2 V3
0.00000	-0.429866	-176.481521			-0.326546
-0.001272	-0.805061	-126.713982			
0.25000	-1.224970	-132.561998			-0.326546
-0.001272	-0.409181	-53.172968			
0.50000	-2.303301	-52.521256			-0.326546
-0.001272	-0.038813	-51.627695			
0.75000	-3.28312	-50.195249			-0.326546
-0.001272	-0.329219	-50.446119			
1.00000	-4.462321	-17.881396			-0.326546
-0.001272	-0.650148	-122.053134			
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0.00000 -0.393366 -151.932180 -0.315484					0.75000 1.019801 113.081915 0.227902					REL_DIST T M2 P M3 V2 V3					0.25000 0.036629 0.096340 0.077840									
-0.001251 -0.790257 -105.211565					0.001488 0.441981 73.334356					0.227902 0.00000 -0.398391 -171.679655 -0.123732					1.12E-05 0.097567 4.078848									
0.25000 -0.855236 -115.067427 -0.315484					1.00000 0.553564 149.983607					0.227902 -0.001294 -0.320230 -117.469131					0.50000 0.036103 0.115256 0.077840									
-0.001251 -0.406794 -48.178485					COMB DL -G2-1					MIN					0.75000 0.036520 0.135881 0.077840									
0.00000 1.826910 -73.204203					REL_DIST T M2 P M3 V2 V3					0.227902 0.00000 -0.406052 -151.935636 -0.338962					1.12E-05 0.148746 5.595539 0.077840									
-0.001251 -0.044259 -47.455772					0.25000 -0.438614 -48.178485					0.227902 -0.001294 -0.094315 -44.747820 -0.123732					1.00000 0.035387 0.154057 0.077840									
0.75000 -2.885845 -34.755606 -0.315484					REL_DIST T M2 P M3 V2 V3					0.227902 0.75000 -3.241582 -48.349803 -0.123732					COMB DL-G1-1									
-0.001251 -0.254943 -47.085741					0.00000 -0.406052 -151.935636 -0.338962					0.227902 -0.001294 -0.110014 -45.561840 -0.123732					MIN									
1.00000 -3.820473 -17.430520 -0.315484					0.25000 -0.851580 -105.234628 -0.338962					0.227902 -0.001294 -0.4370615 -16.940507 -0.123732					COMB DL-G1-1									
-0.001251 -0.499208 -102.320040					0.50000 -1.839597 -73.207659 -0.338962					COMB DB-G1-3					MAX									
COMB DL-G2-1					MAX					REL_DIST T M2 P M3 V2 V3														
REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3														
0.00000 0.073125 0.202919 0.137908					0.00000 0.4549057 16.102380 0.227902					0.00000 4.584602 16.175102 0.125236														
0.00000 0.001282 0.072663 0.211308 0.137908					0.001488 0.603643 22.791443 0.227902					0.000755 0.319868 27.996167 0.125236														
0.25000 0.179661 1.748589 0.230230 0.137908					0.25000 3.399887 48.165073 0.227902					0.25000 3.424628 48.261019 0.125236														
0.001282 0.008154 2.211439 0.137908					0.001488 0.317472 107.281585 0.227902					0.000755 0.170957 112.507949 0.125236														
0.75000 0.071661 0.250865 0.137908					0.50000 2.390591 90.237312 0.227902					0.50000 2.408579 90.315080 0.125236														
0.001282 0.001282 0.071661 0.250865 0.137908					0.001488 0.047904 141.470771 0.227902					0.000755 0.046139 147.082060 0.125236														
1.00000 0.071431 0.269056 0.137908					0.75000 1.326183 130.174020 0.227902					0.75000 1.337735 130.213379 0.125236														
0.001282 0.427066 3.566440					0.001488 0.441981 110.113630 0.227902					0.000755 0.221225 115.793026 0.125236														
COMB DL-G2-1					MIN					COMB DB-G1-3					MIN									
REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3														
0.00000 -0.029824 -0.986662 -0.170890					0.001488 0.603643 22.791443 0.227902					0.00000 -0.404596 -176.087173 -0.165363														
-1.10E-05 -0.430925 -6.541987 -0.170890					0.25000 3.399887 48.165073 0.227902					-0.001159 -0.226985 -122.278051 -0.165363														
0.25000 -0.030052 -0.968490 -0.170890					0.001488 0.317472 107.281585 0.227902					0.25000 -1.223313 -131.988066 -0.165363														
-1.10E-05 -0.216501 -6.048047 -0.170890					0.50000 2.390591 90.237312 0.227902					-0.001159 -0.227311 -49.517525 -0.165363														
0.50000 -0.030531 -0.947853 -0.170890					0.75000 1.326183 130.174020 0.227902					0.50000 -2.293734 -92.100180 -0.165363														
-1.10E-05 -0.003737 -5.718475 -0.170890					0.001488 0.047904 141.470771 0.227902					-0.001159 -0.054885 -47.845785 -0.165363														
0.75000 -0.031053 -0.928900 -0.170890					0.50000 2.390591 90.237312 0.227902					0.75000 -0.310400 -50.041088 -0.165363														
-1.10E-05 -0.164612 -5.509467 -0.170890					0.75000 1.326183 130.174020 0.227902					-0.001159 -0.160569 -48.623006 -0.165363														
1.00000 -0.031513 -0.920360 -0.170890					0.001488 0.441981 110.113630 0.227902					1.00000 -0.464297 -17.940082 -0.165363														
-1.10E-05 -0.338118 -5.444568					1.00000 -4.435435 -17.847486 -0.338962					-0.001159 -0.309675 -120.227421 -0.165363														
COMB DL-G2-2					MAX					COMB DB-G2-1					MAX									
REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3														
0.00000 3.950309 15.593050 0.198350					0.00000 -0.406052 -176.133154 -0.338962					0.00000 0.065921 0.070364 0.079010														
0.001488 0.301498 32.606235 0.198350					-0.001400 -0.851580 -122.032429 -0.338962					0.001116 0.201935 3.287669 0.079010														
0.25000 0.317472 70.679546 0.198350					0.25000 -1.219090 -131.958570 -0.338962					0.25000 0.065071 0.093880 0.079010														
0.001488 0.279955 69.208166 0.198350					-0.001400 -0.438614 -49.622389 -0.338962					0.001116 0.102665 3.645538 0.079010														
0.50000 1.953956 70.979839 0.198350					0.50000 -2.283051 -92.088219 -0.338962					0.001116 0.005480 4.158412 0.079010														
0.001488 0.038615 98.889664 0.198350					-0.001400 -0.444633 -48.746217 -0.338962					0.001116 0.750412 0.153945 0.079010														
0.75000 0.980573 112.827762 0.198350					0.75000 -3.293303 -49.989530 -0.338962					1.00000 0.062941 0.186203 0.079010														
0.001488 0.364236 71.179781 0.198350					-0.001400 -0.280801 -50.104096 -0.338962					0.001116 0.186106 5.530727 0.079010														
1.00000 0.514473 149.718539 0.198350					1.00000 -4.435435 -17.847486 -0.338962					COMB DB-G2-1					MIN									
0.001488 0.710831 19.494134					-0.001400 -0.540509 -122.256765					REL_DIST T M2 P M3 V2 V3														
COMB DL-G2-2					MIN					REL_DIST T M2 P M3 V2 V3														
REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3														
0.00000 -0.401275 -151.150333 -0.279069					0.00000 4.549057 16.102380 0.227902					-1.07E-05 -0.189523 -3.719248 -0.074781														
-2.56E-07 -0.703682 -101.002689 -0.279069					0.001488 0.603643 22.791443 0.227902					0.25000 -0.006707 -0.839355 -0.074781														
0.25000 -0.863008 -114.296484 -0.279069					0.25000 3.399887 48.165073 0.227902					-1.07E-05 -0.095612 -3.576489 -0.074781														
-2.56E-07 -0.365921 -44.197056 -0.279069					0.001488 0.317472 107.281585 0.227902					0.50000 -0.007491 -0.810120 -0.074781														
0.50000 -1.834395 -72.445641 -0.279069					0.50000 2.390591 90.237312 0.227902					-1.07E-05 -0.007068 -3.485832 -0.074781														
-2.56E-07 -0.041864 -43.593564 -0.279069					0.001488 0.047904 141.470771 0.227902					-1.07E-05 -0.002827 -0.779244 -0.074781														
0.75000 -2.893017 -34.008416 -0.279069					0.75000 1.326183 130.174020 0.227902					-1.07E-05 -0.095745 -3.396971 -0.074781														
-2.56E-07 -0.243667 -43.288663 -0.279069					0.001488 0.441981 110.113630 0.227902					1.00000 -0.009082 -0.755766 -0.074781														
1.00000 -3.827368 -16.884655 -0.279069					1.00000 0.553564 174.093482 0.227902					-1.07E-05 -0.194968 -3.560026 -0.074781														
-2.56E-07 -0.480190 -98.496157					COMB DL-G2-3					MAX					COMB DB-G2-2					MAX				
COMB DL-G2-3					MAX					REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3				
REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3				
0.00000 3.990416 15.818436 0.227902					0.00000 -0.406052 -176.133154 -0.338962					0.00000 4.584602 16.175102 0.125236										0.00000 4.002613 15.535075 0.175212				
0.001354 0.603643 18.143994 0.227902					-0.001400 -0.851580 -122.032429 -0.338962					0.001116 0.201935 3.287669 0.079010										0.000752 0.467884 22.98994 0.175212				
0.25000 3.054328 32.836653 0.227902					0.25000 -1.219090 -131.958570 -0.338962					0.25000 0.065071 0.093880 0.079010										0.25000 3.059914 32.667736 0.175212				
0.001354 0.317472 70.679546 0.227902					-0.001400 -0.438614 -49.622389 -0.338962					0.001116 0.102665 3.645538 0.079010										0.000752 0.247660 75.966390 0.175212				
0.50000 1.993472 71.221611 0.227902					0.50000 -2.283051 -92.088219 -0.338962					0.001116 0.005480 4.158412 0.079010										0.50000 1.992344 71.041088 0.175212				
0.001354 0.043513 100.528676 0.227902					-0.001400 -0.444633 -48.746217 -0.338962					0.001116 0.750412 0.153945 0.079010										0.000752 0.040431 106.411891 0.175212				
0.75000 1.019801 113.081915 0.227902					-0.001400 -0.280801 -50.104096 -0.338962					0.001116 0.186106 5.530727 0.079010										0.75000 1.012516 112.880855 0.175212				
0.001354 0.317472 70.679546 0.227902					1.00000 0.553564 174.093482 0.227902					COMB DB-G2-2					MAX					0.000752 0.388293 79.739119 0.175212				
1.00000 0.553564 149.983607 0.227902					-0.001400 -0.540509 -122.256765					REL_DIST T M2 P M3 V2 V3										0.000752 0.540921 149.753115 0.175212				
0.001354 0.863744 22.239647 0.227902					COMB DL-G2-3					MAX					REL_DIST T M2 P M3 V2 V3									
Program SAP2000 Nonlinear Version 7.42					File:2교부산방향S1-S403.OUT					REL_DIST T M2 P M3 V2 V3										COMB DL-G1-3				
File:2교부산방향S1-S403.OUT					< MOVING Page LOAD >					REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3				
< MOVING Page LOAD >					1279					REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3				
FRAME ELEMENT INTERNAL FORCES					COMB DL-G2-3					MIN					REL_DIST T M2 P M3 V2 V3									
COMB DL-G2-3					MIN					REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3				
REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3										REL_DIST T M2 P M3 V2 V3				
0.00000 -0.406052 -151.																								

0.00000 -0.368062 -151.201733 -0.260215
-2.43E-07 -0.668701 -98.525038
0.25000 -0.836011 -114.337610
-0.43E-07 -0.532005 -45.844105
0.50000 -1.813446 -72.505035
-2.43E-07 -0.051319 -41.225533
0.75000 -2.878921 -34.310679
-2.43E-07 -0.199278 -40.752195
1.00000 -3.820121 -16.908441
-2.43E-07 -0.387110 -95.601378

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

REL_DIST M2 P M3 V2 V3

0.00000 4.024465 15.532666 0.191096
0.001251 0.510642 22.190462 0.191096
0.25000 3.081766 32.665326 0.191096
0.001251 0.270546 75.958020 0.191096
0.50000 2.014195 71.038678 0.191096
0.001251 0.040512 106.403705 0.191096
0.75000 1.034367 112.878446 0.191096
0.001251 0.408875 79.736920 0.191096
1.00000 0.562773 149.750705 0.191096
0.001251 0.809744 28.944002 0.191096

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

REL_DIST M2 P M3 V2 V3

0.00000 -0.381620 -152.017062 -0.321811
-0.000706 -0.823774 -102.005845 -0.321811
0.25000 -0.849707 -115.142033 -0.321811
-0.000706 -0.431034 -45.844105 -0.321811
0.50000 -1.827432 -73.297081 -0.321811
-0.000706 -0.057024 -44.320118 -0.321811
0.75000 -2.893222 -34.887464 -0.321811
-0.000706 -0.238371 -47.858963 -0.321811
1.00000 -3.834700 -17.664039 -0.321811
-0.000706 -0.463625 -98.537454 -0.321811

COMB DB ----- MAX

REL_DIST M2 P M3 V2 V3

0.00000 4.950005 16.175102 0.131938
0.001349 0.338404 27.996167 0.131938
0.25000 3.345031 48.261019 0.131938
0.001349 0.181050 112.507949 0.131938
0.50000 2.141892 90.315080 0.131938
0.001349 0.046261 147.082060 0.131938
0.75000 1.348139 130.213379 0.131938
0.001349 0.234701 115.793026 0.131938
1.00000 0.528152 174.225431 0.131938
0.001349 0.454449 33.788877 0.131938

COMB DB ----- MIN

REL_DIST M2 P M3 V2 V3

0.00000 -0.404596 -176.087964 -0.174985
-0.001294 -0.449549 -122.290053 -0.174985
0.25000 -0.463625 -131.998858 -0.174985
-0.001294 -0.237867 -49.532205 -0.174985
0.50000 -2.293734 -92.100971 -0.174985
-0.001294 -0.054885 -47.863143 -0.174985
0.75000 -3.310400 -50.041880 -0.174985
-0.001294 -0.167242 -48.643041 -0.174985
1.00000 -0.463625 -112.878446 -0.174985
-0.001294 -0.324752 -120.250134 -0.174985
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FRAME ELEMENT INTERNAL FORCES

COMB DL ----- MAX

REL_DIST M2 P M3 V2 V3

0.00000 4.024465 15.535075 0.191096
0.001400 0.510642 22.198994 0.191096
0.25000 3.081766 32.667736 0.191096
0.001400 0.270546 75.966390 0.191096
0.50000 2.014195 71.041088 0.191096
0.001400 0.040512 106.411891 0.191096
0.75000 1.034367 112.880855 0.191096
0.001400 0.408875 79.739119 0.191096
1.00000 0.562773 149.753115 0.191096
0.001400 0.809744 28.944002 0.191096

COMB DL ----- MIN

REL_DIST M2 P M3 V2 V3

0.00000 -0.385485 -152.017480 -0.321811
-0.001312 -0.823774 -102.378172 -0.321811
0.25000 -0.853434 -115.142451 -0.321811
-0.001312 -0.431034 -45.842143 -0.321811
0.50000 -1.830670 -73.297499 -0.321811
-0.001312 -0.057024 -44.707884 -0.321811
0.75000 -2.896344 -34.887882 -0.321811
-0.001312 -0.238371 -43.930944 -0.321811
1.00000 -3.837544 -17.684457 -0.321811
-0.001312 -0.463625 -98.537454 -0.321811

COMB CAR ----- MAX

REL_DIST M2 P M3 V2 V3

0.00000 4.950005 16.175102 0.191096
0.001400 0.510642 27.996167 0.191096
0.25000 3.345031 48.261019 0.191096
0.001400 0.270546 112.507949 0.191096
0.50000 2.141892 90.315080 0.191096
0.001400 0.046261 147.082060 0.191096
0.75000 1.348139 130.213379 0.191096
0.001400 0.408875 115.793026 0.191096
1.00000 0.562773 174.225431 0.191096
0.001400 0.809744 33.788877 0.191096

COMB CAR ----- MIN

REL_DIST M2 P M3 V2 V3

0.00000 -0.404596 -176.087964 -0.321811
-0.001312 -0.823774 -122.290053 -0.321811
0.25000 -1.223313 -131.988858 -0.321811
-0.001312 -0.431034 -49.532205 -0.321811
0.50000 -2.293734 -92.100971 -0.321811
-0.001312 -0.057024 -47.863143 -0.321811
0.75000 -3.310400 -50.041880 -0.321811
-0.001312 -0.238371 -48.643041 -0.321811
1.00000 -4.464297 -17.940874 -0.321811
-0.001312 -0.463625 -120.250134 -0.321811

COMB DESIGN ----- MAX

REL_DIST M2 P M3 V2 V3

0.00000 4.950005 16.175102 0.191096
0.001400 0.510642 27.996167 0.191096
0.25000 3.345031 48.261019 0.191096
0.001400 0.270546 112.507949 0.191096
0.50000 2.141892 90.315080 0.191096
0.001400 0.046261 147.082060 0.191096
0.75000 1.348139 130.213379 0.191096

0.001400 0.408875 115.793026 0.191096

1.00000 0.562773 174.225431 0.191096

0.001400 0.809744 33.788877 0.191096

COMB DESIGN ----- MIN

REL_DIST M2 P M3 V2 V3

0.00000 -0.404596 -176.087964 -0.321811
-0.001312 -0.823774 -122.290053 -0.321811
0.25000 -1.223313 -131.988858 -0.321811
-0.001312 -0.431034 -49.532205 -0.321811
0.50000 -2.293734 -92.100971 -0.321811
-0.001312 -0.057024 -47.863143 -0.321811
0.75000 -3.310400 -50.041880 -0.321811
-0.001312 -0.238371 -48.643041 -0.321811
1.00000 -4.464297 -17.940874 -0.321811
-0.001312 -0.463625 -120.250134 -0.321811
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FRAME ELEMENT INTERNAL FORCES

ELEM 215 ===== LENGTH =

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

REL_DIST M2 P M3 V2 V3

0.00000 0.021539 0.153295 0.063249
9.99E-06 0.157734 5.557900 0.063249
0.25000 0.020697 0.176824 0.063249
9.99E-06 0.078289 5.805536 0.063249
0.00000 0.019957 0.207653 0.063249
9.99E-06 0.004509 6.197825 0.063249
0.75000 0.019178 0.236895 0.063249
9.99E-06 0.077493 6.704603 0.063249
1.00000 0.018581 0.269162 0.063249
9.99E-06 0.152856 7.280974 0.063249

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

REL_DIST M2 P M3 V2 V3

0.00000 -0.020801 -0.755818 -0.060015
-0.000937 -0.148589 -3.315565 -0.060015
0.25000 -0.028676 -0.723541 -0.060015
-0.000937 -0.073213 -3.149547 -0.060015
0.50000 -0.029456 -0.694296 -0.060015
-0.000937 -0.010284 -0.335609 -0.060015
0.75000 -0.030196 -0.663468 -0.060015
-0.000937 -0.080557 -2.923437 -0.060015
1.00000 -0.031034 -0.639943 -0.060015
-0.000937 -0.159970 -2.863261 -0.060015

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

REL_DIST M2 P M3 V2 V3

0.00000 4.385372 15.854539 0.080110
3.70E-07 0.217421 29.153237 0.080110
0.25000 3.261984 47.264781 0.080110
3.70E-07 0.116821 111.368391 0.080110
0.50000 2.274485 88.421892 0.080110
3.70E-07 0.039191 144.875781 0.080110
0.75000 1.233683 127.460081 0.080110
3.70E-07 0.160558 113.383794 0.080110
1.00000 0.437321 170.536441 0.080110
3.70E-07 0.301771 32.224801 0.080110

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

REL_DIST M2 P M3 V2 V3

0.00000 -0.403971 -171.394432 -0.114043
-0.001126 -0.295220 -115.732678 -0.114043
0.25000 -1.199585 -128.305091 -0.114043
-0.001126 -0.156743 -44.696711 -0.114043
0.50000 -2.240137 -89.262195 -0.114043
-0.001126 -0.055438 -43.185461 -0.114043
0.75000 -3.227970 -48.106657 -0.114043
-0.001126 -0.117233 -44.033238 -0.114043
1.00000 -4.347491 -16.701137 -0.114043
-0.001126 -0.205821 -114.294407 -0.114043

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

REL_DIST M2 P M3 V2 V3

0.00000 4.536064 16.455735 0.116473
0.000663 0.311307 33.723447 0.116473
0.25000 3.387936 48.557708 0.116473
0.000663 0.165898 117.792469 0.116473
0.50000 2.378689 90.621201 0.116473
0.000663 0.043024 152.156944 0.116473
0.75000 1.314967 130.519108 0.116473
0.000663 0.206306 120.294712 0.116473
1.00000 0.501067 174.544115 0.116473
0.000663 0.394525 37.869867 0.116473

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

REL_DIST M2 P M3 V2 V3

0.00000 -0.409374 -175.706572 -0.151443
-0.001004 -0.390830 -120.277001 -0.151443
0.25000 -1.222509 -131.668298 -0.151443
-0.001004 -0.205408 -47.609345 -0.151443
0.50000 -2.285977 -91.765580 -0.151443
-0.001004 -0.063184 -45.997512 -0.151443
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FRAME ELEMENT INTERNAL FORCES

REL_DIST M2 P M3 V2 V3

0.75000 -3.295564 -49.703697 -0.151443
-0.001004 -0.161027 -46.796658 -0.151443
1.00000 -4.439739 -17.606549 -0.151443
-0.001004 -0.295016 -118.537851 -0.151443

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

REL_DIST M2 P M3 V2 V3

0.00000 0.071905 0.151939 0.071460
0.000978 0.182246 5.521189 0.071460
0.25000 0.017063 0.254767 0.071460
0.000978 0.092451 5.766343 0.071460
0.50000 0.070324 0.206296 0.071460
0.000978 0.004821 6.158875 0.071460
0.75000 0.069544 0.235538 0.071460
0.000978 0.087113 6.667322 0.071460
1.00000 0.068947 0.267805 0.071460
0.000978 0.175817 7.244723 0.071460

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

REL_DIST M2 P M3 V2 V3

0.00000 M2 M3

-9.54E-06 -0.000877 -0.756710 -0.070613
0.25000 -0.001473 -0.347841 -0.070613
-9.54E-06 -0.090151 -3.184871 -0.070613
0.50000 -0.002252 -0.695188 -0.070613
-9.54E-06 -0.010312 -0.373979 -0.070613
0.75000 -0.002992 -0.664359 -0.070613
-9.54E-06 -0.087044 -2.964855 -0.070613
1.00000 -0.002831 -0.700885 -0.070613
-9.54E-06 -0.176773 -2.907726 -0.070613

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

REL_DIST M2 P M3 V2 V3

0.00000 4.448824 15.851818 0.090609
0.001176 0.248793 29.104885 0.090609
0.25000 3.325436 47.262060 0.090609
0.001176 0.135028 111.315601 0.090609
0.50000 2.337936 88.419171 0.090609
0.001176 0.039553 144.822949 0.090609
0.75000 1.297135 127.457360 0.090609
0.001176 0.172242 113.334174 0.090609
1.00000 0.500773 170.533720 0.090609
0.001176 0.329716 32.176106 0.090609

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

REL_DIST M2 P M3 V2 V3

0.00000 -0.370553 -171.393803 -0.127031
-3.53E-07 -0.332395 -115.770029 -0.127031
0.25000 -1.168166 -128.304463 -0.127031
-3.53E-07 -0.177606 -44.737636 -0.127031
0.50000 -2.206719 -89.261566 -0.127031
-3.53E-07 -0.055329 -43.229960 -0.127031
0.75000 -3.194552 -48.106029 -0.127031
-3.53E-07 -0.125464 -44.081310 -0.127031
1.00000 -4.314072 -16.700508 -0.127031
-3.53E-07 -0.227325 -114.346054 -0.127031

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

REL_DIST M2 P M3 V2 V3

0.00000 4.555367 16.454819 0.119571
0.001048 0.320589 33.710014 0.119571
0.25000 3.407240 48.556792 0.119571
0.001048 0.170341 117.792102 0.119571
0.50000 2.397993 90.620285 0.119571
0.001048 0.043154 152.145392 0.119571
0.75000 1.334270 130.518191 0.119571
0.001048 0.210708 120.283014 0.119571
1.00000 0.520371 174.543198 0.119571
0.001048 0.404580 37.858161 0.119571

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

REL_DIST M2 P M3 V2 V3

0.00000 -0.397477 -175.707051 -0.156043
-0.000637 -0.408645 -120.292294 -0.156043
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FRAME ELEMENT INTERNAL FORCES

REL_DIST M2 P M3 V2 V3

0.25000 -1.210612 -131.668777 -0.156043
-0.000637 -0.218358 -47.626040 -0.156043
0.50000 -2.274080 -91.766060 -0.156043
-0.000637 -0.063164 -46.015610 -0.156043
0.75000 -3.283667 -49.704176 -0.156043
-0.000637 -0.163429 -46.815159 -0.156043
1.00000 -4.427843 -17.607028 -0.156043
-0.000637 -0.301430 -118.558755 -0.156043

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

REL_DIST M2 P M3 V2 V3

0.00000 0.020808 0.153498 0.080269
9.53E-06 0.200004 6.429399 0.080269
0.25000 0.020347 0.161952 0.080269
9.53E-06 0.099333 6.890418 0.080269
0.50000 0.019824 0.180875 0.080269
9.53E-06 0.005907 7.402587 0.08026

-0.001126 -0.408645 -120.292294
0.25000 -1.222509 -131.668777
-0.001126 -0.218358 -47.626040
0.50000 -2.285977 -91.766060
-0.001126 -0.063184 -46.015610
0.75000 -3.295564 -49.704176
-0.001126 -0.163426 -46.816159
1.00000 -4.439739 -17.607028
-0.001126 -0.301430 -118.558755

COMB DL ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 3.932853 15.771607
0.001152 0.440229 28.891525
0.25000 3.044890 32.920908
0.001152 0.232622 82.769649
0.50000 1.984527 71.308917
0.001152 0.036550 112.568848
0.75000 1.011527 113.155474
0.001152 0.351449 85.203135
1.00000 0.546690 150.030553
0.001152 0.700327 33.786439

COMB DL ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.391717 -151.548514
-0.001077 -0.731193 -98.569230
0.25000 -0.855212 -114.662853
-0.001077 -0.369432 -47.523493
0.50000 -1.826285 -72.815456
-0.001077 -0.068127 -41.805098
0.75000 -2.884487 -34.411063
-0.001077 -0.212714 -41.272609
1.00000 -3.818771 -17.272304
-0.001077 -0.406626 -96.113293

COMB CAR ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 4.455367 16.557353
0.001176 0.440229 33.723447
0.25000 3.047240 48.557708
0.001176 0.232622 117.792469
0.50000 2.397993 90.621201
0.001176 0.043154 152.156944
0.75000 1.334270 130.519108
0.001176 0.351449 120.294702
1.00000 0.546690 174.544115
0.001176 0.700327 37.869867
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FRAME ELEMENT INTERNAL
FORCES
COMB CAR ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.409374 -175.707051
-0.001126 -0.731193 -120.292294
0.25000 -1.222509 -131.668777
-0.001126 -0.388432 -47.626040
0.50000 -2.285977 -91.766060
-0.001126 -0.068127 -46.015610
0.75000 -3.295564 -49.704176
-0.001126 -0.212714 -46.816159
1.00000 -4.439739 -17.607028
-0.001126 -0.406266 -118.558755

COMB DESIGN ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 4.455367 16.557353
0.001176 0.440229 33.723447
0.25000 3.047240 48.557708
0.001176 0.232622 117.792469
0.50000 2.397993 90.621201
0.001176 0.043154 152.156944
0.75000 1.334270 130.519108
0.001176 0.351449 120.294702
1.00000 0.546690 174.544115
0.001176 0.700327 37.869867

COMB DESIGN ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.409374 -175.707051
-0.001126 -0.731193 -120.292294
0.25000 -1.222509 -131.668777
-0.001126 -0.388432 -47.626040
0.50000 -2.285977 -91.766060
-0.001126 -0.068127 -46.015610
0.75000 -3.295564 -49.704176
-0.001126 -0.212714 -46.816159
1.00000 -4.439739 -17.607028
-0.001126 -0.406266 -118.558755

ELEM 216 ===== LENGTH = 5.023392

COMB DB-G1-1 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 0.009997 0.425453
0.000170 0.163093 7.275064
0.25000 0.009150 0.448089
0.000170 0.081115 7.030490
0.50000 0.008405 0.478939
0.000170 0.003435 6.867757
0.75000 0.009620 0.509195
0.000170 0.082973 6.801662
1.00000 0.070718 0.540472
0.000170 0.164201 6.802370

COMB DB-G1-1 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.037018 -0.337347
-0.000754 -0.160584 -2.869897
0.25000 -0.037619 -0.305122
-0.000754 -0.073981 -2.587954
0.50000 -0.038404 -0.275855
-0.000754 -0.011157 -2.358068
0.75000 -0.039150 -2.045009
-0.000754 -0.082833 -2.129954
1.00000 -0.039995 -2.214776
-0.000754 -0.164790 -1.954019

COMB DB-G1-2 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 4.395487 16.436428
0.000224 0.232536 32.216968
0.25000 3.265002 47.870448
0.000224 0.124349 113.594235
0.50000 2.269736 89.055685

0.000224 0.037149 146.080687
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FRAME ELEMENT INTERNAL
FORCES
COMB DB-G1-2 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 1.221200 128.111567
0.000224 0.152203 113.477915
1.00000 0.418535 171.201518
0.000224 0.286082 31.202863

COMB DB-G1-3 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 -0.424517 -170.614174
-0.000917 -0.286060 -114.306205
0.25000 -1.226616 -127.595024
-0.000917 -0.152708 -43.324056
0.50000 -2.74964 -88.522921
-0.000917 -0.056923 -41.931680
0.75000 -3.270343 -47.343448
-0.000917 -0.127728 -42.903413
1.00000 -4.399593 -15.926718
-0.000917 -0.230229 -113.536331

COMB DB-G1-3 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 4.538913 17.210213
0.000224 0.315472 37.856219
0.25000 3.383533 49.336488
0.000228 0.166468 120.776157
0.50000 2.366348 91.428725
0.000228 0.040258 153.782577
0.75000 1.294721 131.344714
0.000228 0.193742 120.439729
1.00000 0.474380 175.383613
0.000228 0.370037 36.491408

COMB DB-G2-1 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 -0.429181 -174.631022
-0.000985 -0.372333 -118.543692
0.25000 -1.248945 -130.664484
-0.000985 -0.196547 -45.859207
0.50000 -2.320380 -90.731917
-0.000985 -0.065375 -44.297302
0.75000 -3.337679 -48.645570
-0.000985 -0.166936 -45.151031
1.00000 -4.491798 -16.536966
-0.000985 -0.309673 -117.200326

COMB DB-G2-1 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 0.060391 0.421352
0.000224 0.161742 7.236192
0.25000 0.059544 0.444898
0.000784 0.084497 6.993311
0.50000 0.058799 0.475749
0.000784 0.003723 6.832621
0.75000 0.058013 0.505004
0.000784 0.083791 6.770899
1.00000 0.057412 0.537281
0.000784 0.167691 6.773783

COMB DB-G2-2 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 4.461029 16.431529
0.000955 0.237395 32.165303
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FRAME ELEMENT INTERNAL
FORCES
COMB DB-G2-2 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 3.330545 47.865550
0.000955 0.128474 113.543261
0.50000 2.335279 89.050786
0.000955 0.037497 146.031863
0.75000 1.286742 128.106668
0.000955 0.152046 113.435078
1.00000 0.484078 171.196619
0.000955 0.289454 31.163754

COMB DB-G2-3 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 4.56555 17.208836
0.001038 0.316700 37.843319
0.25000 3.401175 49.335111
0.001038 0.167775 120.764775
0.50000 2.383990 91.427397
0.001038 0.040403 153.772997
0.75000 1.312362 131.343337
0.001038 0.194396 120.431436
1.00000 0.492022 175.382236
0.001038 0.372330 36.483033

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

REL_DIST T M2 M3 V2 V3
0.00000 -0.415161 -174.631499
-0.000717 -0.377010 -118.557277
0.25000 -1.234925 -130.664961
-0.000717 -0.199511 -45.873398
0.50000 -2.306360 -90.732394
-0.000717 -0.065715 -44.311830
0.75000 -3.323585 -48.646047
-0.000717 -0.166094 -45.166435
1.00000 -4.477778 -16.537443
-0.000717 -0.309050 -117.216336

COMB DL-G1-1 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 0.011857 0.418417
0.000161 0.211237 8.557049
0.25000 0.011392 0.426861
0.000161 0.104585 8.338803
0.50000 0.010866 0.445803
0.000161 0.004447 8.142025
0.75000 0.010383 0.466445
0.000161 0.133315 7.991870
1.00000 0.010153 0.484631
0.000161 0.269033 7.867883

COMB DL-G1-1 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.040047 -0.484061
-0.000694 -0.274675 -3.942957
0.25000 -0.040277 -0.465872
-0.000694 -0.139053 -3.593826
0.50000 -0.040759 -0.445237
-0.000694 -0.014883 -3.271916
0.75000 -0.041285 -0.426300
-0.000694 -0.11089 -2.947633
1.00000 -0.041750 -0.417895
-0.000694 -0.217530 -2.653288
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FRAME ELEMENT INTERNAL
FORCES
COMB DL-G1-2 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 3.875158 16.065746
0.000213 0.289151 27.873015
0.25000 2.932194 33.188480
0.000213 0.152532 80.525614
0.50000 1.864442 71.604072
0.000213 0.028740 108.840511
0.75000 0.884723 113.465414
0.000213 0.221854 79.736927
1.00000 0.418305 150.346215
0.000213 0.428606 26.621286

COMB DL-G1-2 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.411447 -150.240724
-0.000824 -0.437439 -93.505158
0.25000 -0.878572 -113.352853
-0.000824 -0.235977 -37.609272
0.50000 -1.857139 -71.504317
-0.000824 -0.060711 -36.867847
0.75000 -2.923670 -33.100985
-0.000824 -0.159845 -36.467124
1.00000 -3.863965 -15.055655
-0.000824 -0.284546 -91.522131

COMB DL-G1-3 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 3.941292 16.96670
0.000686 0.395022 33.759390
0.25000 2.998049 33.624471
0.000686 0.207477 86.119763
0.50000 1.929982 72.051428
0.000686 0.031951 114.199158
0.75000 0.949973 113.925155
0.000686 0.289490 85.121717
1.00000 0.483417 150.816867
0.000686 0.571773 32.053629

COMB DL-G1-3 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.408445 -150.686254
-0.000882 -0.596523 -96.063743
0.25000 -0.878572 -113.352853
-0.000882 -0.319307 -39.965956
0.50000 -1.854564 -71.926553
-0.000882 -0.070336 -39.018884
0.75000 -2.921410 -33.511859
-0.000882 -0.206408 -36.412413
1.00000 -3.863865 -16.461486
-0.000882 -0.382206 -93.278148

COMB DL-G2-1 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 0.081412 0.411247
0.000722 0.222635 8.544804
0.25000 0.080947 0.419690
0.000722 0.113580 8.336435
0.50000 0.080420 0.438632
0.000722 0.004875 0.459274
0.75000 0.079937 0.459274
0.000722 0.134540 8.008363
1.00000 0.079707 0.477460
0.000722 0.279288 7.892072

COMB DL-G2-1 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.003596 -0.483019
-0.000153 -0.390887 -3.991777
0.25000 -0.003826 -0.464830
-0.000153 -0.155927 -3.646256
0.50000 -0.004309 -0.444195
-0.000153 -0.015015 -3.328184
0.75000 -0.004835 -0.425258
-0.000153 -0.103931 -3.010306
1.00000 -0.005299 -0.416853
-0.000153 -0.217677 -2.719697
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FRAME ELEMENT INTERNAL
FORCES

COMB DL-G2-2 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 3.963680 16.056745
0.000877 0.302926 27.854335
0.25000 3.020715 33.179480
0.000877 0.163274 80.521010
0.50000 1.952960 71.595071
0.000877 0.029322 108.847815
0.75000 0.973245 113.456413
0.000877 0.221734 79.753240
1.00000 0.506827 150.337215
0.000877 0.438450 26.647321

COMB DL-G2-2 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.369244 -150.238694
-0.000194 -0.467242 -93.566005
0.25000 -0.835368 -113.350824
-0.000194 -0.255787 -37.674472
0.50000 -1.813935 -71.502288
-0.000194 -0.061065 -36.937554
0.75000 -2.860466 -33.098956
-0.000194 -0.150244 -36.541263
1.00000 -3.822443 -16.053626
-0.000194 -0.278009 -91.600350

COMB DL-G2-3 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 3.968677 16.494321
0.000939 0.401267 33.755199
0.25000 3.025433 33.622121
0.000939 0.211680 86.121181
0.50000 1.957366 72.049078
0.000939 0.032252 114.204048
0.75000 0.977357 113.922805
0.000939 0.291786 85.130447
1.00000 0.510802 150.814518
0.000939 0.579320 32.066792

COMB DL-G2-3 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.392536 -150.686522
-0.000640 -0.610528 -96.106847
0.25000 -0.859798 -113.787738
-0.000640 -0.328386 -39.906072
0.50000 -1.838655 -71.926821
-0.000640 -0.070491 -39.045425
0.75000 -2.905579 -33.512126
-0.000640 -0.203792 -38.404581
1.00000 -3.847757 -16.461753
-0.000640 -0.381500 -93.307738

COMB DB ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 4.556555 17.210213
0.001038 0.316700 37.856219
0.25000 3.401175 49.336488
0.001038 0.167175 120.776157
0.50000 2.383990 91.428725
0.001038 0.040403 153.782577
0.75000 1.312362 131.344714
0.001038 0.194396 120.439729
1.00000 0.492022 175.383613
0.001038 0.372330 36.491408

COMB DB ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 4.556555 17.210213
0.001038 0.316700 37.856219
0.25000 3.401175 49.336488
0.001038 0.167175 120.776157
0.50000 2.383990 91.428725
0.001038 0.040403 153.782577
0.75000 1.312362 131.344714
0.001038 0.194396 120.439729
1.00000 0.492022 175.383613
0.001038 0.372330 36.491408

COMB DL-G2-2 ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 3.968677 16.496670
0.000939 0.401267 33.759390
0.25000 3.025433 33.624471
0.000939 0.211680 86.121181
0.50000 1.957366 72.051428
0.000939 0.032252 114.204048
0.75000 0.977357 113.925155
0.000939 0.291786 85.130447
1.00000 0.510802 150.816867
0.000939 0.579320 32.066792

COMB DL-G2-2 ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.411447 -150.686522
-0.000882 -0.610528 -96.106847
0.25000 -0.878572 -113.787738
-0.000882 -0.328386 -39.906072
0.50000 -1.857139 -71.926821
-0.000882 -0.070491 -39.045425
0.75000 -2.923670 -33.512126
-0.000882 -0.206408 -36.440581
1.00000 -3.865466 -16.461753
-0.000882 -0.382206 -93.307738

COMB CAR ----- MAX
REL_DIST T M2 M3 V2 V3
0.00000 4.556555 17.210213
0.001038 0.401267 37.856219
0.25000 3.401175 49.336488
0.001038 0.211680 120.776157
0.50000 2.383990 91.428725
0.001038 0.040403 153.782577
0.75000 1.312362 131.344714
0.001038 0.291786 120.439729
1.00000 0.510802 175.383613
0.001038 0.579320 36.491408

COMB CAR ----- MIN
REL_DIST T M2 M3 V2 V3
0.00000 -0.429181 -174.631499
-0.000985 -0.610528 -118.557277

0.25000	-1.248945	-130.664961	-0.232038
-0.000985	-0.328386	-45.873398	
0.50000	-2.320380	-90.732394	-0.232038
-0.000985	-0.070491	-44.311830	
0.75000	-3.337679	-48.646047	-0.232038
-0.000985	-0.206408	-45.166435	
1.00000	-4.491798	-16.537443	-0.232038
-0.000985	-0.382206	-117.216336	

COMB DESIGN ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	4.556555	17.120133		0.151218
0.001038	0.401267	37.856219		0.151218
0.25000	3.401175	49.336488		
0.001038	0.211680	120.776157		
0.50000	2.383990	91.428725		0.151218
0.001038	0.040403	153.782577		
0.75000	1.123662	131.344714		0.151218
0.001038	0.091786	120.439729		0.151218
1.00000	0.510802	175.383613		
0.001038	0.579320	36.491408		

COMB DESIGN ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.429181	-174.631499		-0.232038
-0.000985	-0.610528	-118.557277		
0.25000	-1.248945	-130.664961		-0.232038
-0.000985	-0.328386	-45.873398		
0.50000	-2.320380	-90.732394		-0.232038
-0.000985	-0.070491	-44.311830		
0.75000	-3.337679	-48.646047		-0.232038
-0.000985	-0.206408	-45.166435		
1.00000	-4.491798	-16.537443		-0.232038
-0.000985	-0.382206	-117.216336		
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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	217	LENGTH = 5.022224		

COMB DB-G1-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.008819	0.227916		0.066798
0.000357	0.167096	6.799054		0.066798
0.25000	0.070980	0.251467		0.066798
0.000357	0.083240	6.819379		0.066798
0.50000	0.007240	0.282327		0.066798
0.000357	0.002515	6.885472		0.066798
0.75000	0.006459	3.111594		0.066798
0.000357	0.003478	7.039141		0.066798
1.00000	0.005862	0.343808		0.066798
0.000357	0.173135	7.231535		

COMB DB-G1-1 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.033401	-0.473117		-0.068411
-0.000572	-0.170416	-1.962953		
0.25000	-0.033998	-0.440910		-0.068411
-0.000572	-0.084502	-1.831202		
0.50000	-0.034778	-0.411163		-0.068411
-0.000572	-0.011013	-1.751639		
0.75000	-0.035519	-0.380781		-0.068411
-0.000572	-0.084503	-1.673864		
1.00000	-0.036356	-0.357235		-0.068411
-0.000572	-0.168356	-1.648290		

COMB DB-G1-2 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	4.363325	16.036645		0.099213
0.000449	0.253336	31.241175		0.099213
0.25000	3.243318	47.477463		0.099213
0.000449	0.135763	113.308340		0.099213
0.50000	2.254805	88.674449		0.099213
0.000449	0.035955	145.992109		0.099213
0.75000	0.121274	127.746334		0.099213
0.000449	0.142363	113.804531		0.099213
1.00000	0.415211	170.752630		0.099213
0.000449	0.266288	31.844668		

COMB DB-G1-2 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.0413851	-170.955937		-0.103045
-0.000705	-0.268587	-113.501890		
0.25000	-1.210204	-127.959078		-0.103045
-0.000705	-0.146309	-42.482568		
0.50000	-2.251672	-88.881595		-0.103045
-0.000705	-0.056534	-41.133235		
0.75000	-3.240926	-47.687046		-0.103045
-0.000705	-0.144454	-42.171499		
1.00000	-4.358975	-16.253538		-0.103045
-0.000705	-0.261003	-112.897776		

COMB DB-G1-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	4.562157	16.660715		0.128714
0.000818	0.330587	36.534445		0.128714
0.25000	3.362502	48.793938		0.128714
0.000818	0.174079	120.307560		0.128714
0.50000	2.352219	90.898183		0.128714
0.000818	0.038444	153.692576		0.128714
0.75000	1.267209	130.830527		0.128714
0.000818	0.180624	120.929384		0.128714
1.00000	0.472113	174.783928		0.128714
0.000818	0.343390	37.370208		

COMB DB-G1-3 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.419181	-175.065370		-0.134028
-0.000942	-0.347472	-117.160129		
0.25000	-1.233071	-131.121614		-0.134028
-0.000942	-0.186383	-44.540423		
0.50000	-2.297678	-91.183549		-0.134028
-0.000942	-0.064952	-43.104687		
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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	M2	M3	V2	V3
T				
0.75000	-3.308515	-49.081793		-0.134028
-0.000942	-0.180899	-44.119290		
1.00000	-4.451185	-16.956042		-0.134028

-0.000942	-0.334338	-116.356609		
COMB DB-G2-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.062582	0.225956		0.061691
0.000586	0.156274	6.767708		0.061691
0.25000	0.061743	0.249507		0.061691
0.000586	0.078569	6.767708		0.061691
0.50000	0.061003	0.280366		0.061691
0.000586	0.002762	6.853066		0.061691
0.75000	0.060222	0.309634		0.061691
0.000586	0.080434	7.007411		0.061691
1.00000	0.059625	0.341848		0.061691
0.000586	0.161700	7.198977		

COMB DB-G2-1 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.003700	-0.470899		-0.064714
-0.000360	-0.163320	-1.981634		
0.25000	-0.004296	-0.438692		-0.064714
-0.000360	-0.082064	-1.852774		
0.50000	-0.005077	-0.409420		-0.064714
-0.000360	-0.011022	-1.776101		
0.75000	-0.005818	-0.378563		-0.064714
-0.000360	-0.076105	-1.701216		
1.00000	-0.006655	-0.550517		-0.064714
-0.000360	-0.153566	-1.678533		

COMB DB-G2-2 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	4.432923	16.033458		0.092585
0.000721	0.241282	31.199399		0.092585
0.25000	3.312916	47.474276		0.092585
0.000721	0.130029	113.254953		0.092585
0.50000	2.324402	88.671262		0.092585
0.000721	0.036243	145.946267		0.092585
0.75000	1.282342	127.743146		0.092585
0.000721	0.133053	113.760492		0.092585
1.00000	0.484809	170.749442		0.092585
0.000721	0.250429	31.799276		

COMB DB-G2-2 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.376796	-170.951772		-0.097844
-0.000452	-0.258320	-113.523536		
0.25000	-1.173149	-127.954913		-0.097844
-0.000452	-0.142644	-42.507598		
0.50000	-2.214816	-88.877431		-0.097844
-0.000452	-0.068553	-41.161649		
0.75000	-3.203871	-47.682881		-0.097844
-0.000452	-0.133653	-42.203297		
1.00000	-4.321920	-16.249373		-0.097844
-0.000452	-0.241813	-112.932957		

COMB DB-G2-3 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	4.526157	16.659836		0.126720
0.000924	0.326428	36.524775		0.126720
0.25000	3.361484	48.737059		0.126720
0.000924	0.172363	120.299142		0.126720
0.50000	2.371201	90.897304		0.126720
0.000924	0.038559	153.684242		0.126720
0.75000	1.306192	130.829648		0.126720
0.000924	0.178625	120.922238		0.126720
1.00000	0.491095	174.783049		0.126720
0.000924	0.340058	37.361365		

COMB DB-G2-3 ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.406579	-175.064685		-0.133012
-0.000814	-0.345718	-117.168956		
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<	MOVING	1299	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				
REL_DIST	M2	M3	V2	V3
T				
0.25000	-1.220470	-131.120928		-0.133012
-0.000814	-0.186035	-44.540423		
0.50000	-2.285077	-91.182863		-0.133012
-0.000814	-0.065099	-43.16186		
0.75000	-3.295913	-49.081108		-0.133012
-0.000814	-0.177559	-44.132125		
1.00000	-4.438584	-16.955356		-0.133012
-0.000814	-0.328489	-116.370779		

COMB DL-G1-1 ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.009844	0.218998		0.095062
0.000291	0.233653	7.678734		0.095062
0.25000	0.009382	0.227407		0.095062
0.000291	0.114831	7.938234		0.095062
0.50000	0.008859	0.246347		0.095062
0.000291	0.003120	8.015150		0.095062
0.75000	0.008379	0.266994		0.095062
0.000291	0.127914	8.129344		0.095062
1.00000	0.008152	0.285186		0.095062
0.000291	0.256372	8.259755		

0.00000	-0.045574	-0.402801	-0.071341
-0.000353	-0.177986	-1.658646	
0.25000	-0.046174	-0.370572	-0.071341
-0.000353	-0.008811	-1.522008	
0.50000	-0.046960	-0.341302	-0.071341
-0.000353	-0.011390	-1.437568	
0.75000	-0.047706	-0.310441	-0.071341
-0.000353	-0.085757	-1.354290	
1.00000	-0.048551	-0.286892	-0.071341
-0.000353	-0.171002	-1.324495	
COMB DB-G1-2 ----- MAX			
REL_DIST	M2	P	V2
0.00000	4.396309	16.135513	
0.000672	0.287587	31.846134	0.112726
0.25000	3.266974	47.571942	0.112726
0.000672	0.151511	113.962696	
0.50000	2.271561	88.771225	0.112726
0.000672	0.035167	146.288717	
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< MOVING 1303 LOAD >			
F R A M E E L E M E N T I N T E R N A L			
REL_DIST	M2	P	V2
0.75000	1.222189	127.847620	0.112726
0.000672	0.136783	113.763926	
1.00000	0.418430	170.706646	0.112726
0.000672	0.255006	31.750779	
COMB DB-G1-2 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.434481	-170.867523	-0.098075
-0.000444	-0.249048	-112.906636	
0.25000	-1.236410	-127.841963	-0.098075
-0.000444	-0.137170	-41.931938	
0.50000	-2.285171	-88.765757	-0.098075
-0.000444	-0.057069	-40.641627	
0.75000	-3.281425	-47.566084	-0.098075
-0.000444	-0.161697	-41.742633	
1.00000	-4.409770	-16.128490	-0.098075
-0.000444	-0.296082	-112.562502	
COMB DB-G1-3 ----- MAX			
REL_DIST	M2	P	V2
0.00000	4.524267	16.798542	0.140343
0.000873	0.357901	37.372567	
0.25000	3.888262	48.927279	0.140343
0.000873	0.187263	121.141585	
0.50000	2.370927	91.033872	0.140343
0.000873	0.037339	154.093062	
0.75000	1.298446	130.970826	0.140343
0.000873	0.172418	120.911188	
1.00000	0.476985	174.941325	0.140343
0.000873	0.326679	37.235437	
COMB DB-G1-3 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.438623	-174.942232	-0.126825
-0.000817	-0.322034	-116.362268	
0.25000	-1.258212	-130.969143	-0.126825
-0.000817	-0.174248	-47.575462	
0.50000	-2.330070	-91.031443	-0.126825
-0.000817	-0.065767	-42.407666	
0.75000	-3.348264	-48.924451	-0.126825
-0.000817	-0.195998	-48.438350	
1.00000	-4.501458	-16.128490	-0.126825
-0.000817	-0.364895	-115.814279	
COMB DB-G2-1 ----- MAX			
REL_DIST	M2	P	V2
0.00000	0.666887	0.288030	0.058585
0.000353	0.148253	7.199584	
0.25000	0.660041	0.311578	0.058585
0.000353	0.074695	7.098624	
0.50000	0.065295	0.342439	0.058585
0.000353	0.002289	7.033705	
0.75000	0.064509	0.371710	0.058585
0.000353	0.078105	7.051981	
1.00000	0.063907	0.403937	0.058585
0.000353	0.156861	7.113836	
COMB DB-G2-1 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.004723	-0.405005	-0.062723
-0.000535	-0.158182	-1.673927	
0.25000	-0.005922	-16.947216	-0.062723
-0.000535	-0.079431	-1.539984	
0.50000	-0.006109	-0.343505	-0.062723
-0.000535	-0.011509	-1.458238	
0.75000	-0.006856	-0.312644	-0.062723
-0.000535	-0.072486	-1.376285	
1.00000	-0.007701	-0.289095	-0.062723
-0.000535	-0.146038	-1.350554	
COMB DB-G2-2 ----- MAX			
REL_DIST	M2	P	V2
0.00000	4.468864	16.127587	0.100760
0.000443	0.259568	31.799145	
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< MOVING 1304 LOAD >			
F R A M E E L E M E N T I N T E R N A L			
REL_DIST	M2	P	V2
0.25000	3.339529	47.564016	0.100760
0.000443	0.138603	113.922860	
0.50000	2.344116	88.763299	0.100760
0.000443	0.035430	146.253694	
0.75000	1.297444	127.839694	0.100760
0.000443	0.119919	113.738063	
1.00000	0.490985	170.862720	0.100760
0.000443	0.223595	31.732513	
COMB DB-G2-2 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.383949	-170.869561	-0.086539
-0.000693	-0.222432	-112.924346	
0.25000	-1.185878	-127.844001	-0.086539
-0.000693	-0.125087	-41.952804	
0.50000	-2.234639	-88.767795	-0.086539
-0.000693	-0.057550	-40.665649	
0.75000	-3.230893	-47.568121	-0.086539

-0.000693	-0.144749	-41.769812	
1.00000	-4.359238	-16.130518	-0.086539
-0.000693	-0.264025	-112.592837	
COMB DB-G2-3 ----- MAX			
REL_DIST	M2	P	V2
0.00000	4.562968	16.796371	0.136706
0.000817	0.349385	37.369489	
0.25000	3.408763	48.925108	0.136706
0.000817	0.183314	121.136004	
0.50000	2.391428	91.031700	0.136706
0.000817	0.037447	154.086024	
0.75000	1.318947	130.968655	0.136706
0.000817	0.168241	120.909189	
1.00000	0.497486	174.939154	0.136706
0.000817	0.318876	37.234411	
COMB DB-G2-3 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.421686	-174.942232	-0.123999
-0.000896	-0.315593	-116.369485	
0.25000	-1.241276	-130.969143	-0.123999
-0.000896	-0.171446	-43.783924	
0.50000	-2.313133	-91.032382	-0.123999
-0.000896	-0.066150	-42.417372	
0.75000	-3.331327	-48.925390	-0.123999
-0.000896	-0.190812	-43.494799	
1.00000	-4.484521	-16.795453	-0.123999
-0.000896	-0.355143	-115.826472	
COMB DL-G1-1 ----- MAX			
REL_DIST	M2	P	V2
0.00000	0.117199	0.290383	0.111134
0.000444	0.270801	8.278481	
0.25000	0.011334	0.298787	0.111134
0.000444	0.131793	8.174693	
0.50000	0.010807	0.317729	0.111134
0.000444	0.002594	8.086499	
0.75000	0.10324	0.338378	0.111134
0.000444	0.128455	8.03273	
1.00000	0.010094	0.356574	0.111134
0.000444	0.256896	7.995277	
COMB DL-G1-1 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.055388	-0.381165	-0.101926
-0.000290	-0.254490	-2.247008	
0.25000	-0.055618	-0.362972	-0.101926
-0.000290	-0.126732	-2.101345	
0.50000	-0.056100	-0.342327	-0.101926
-0.000290	-0.014747	-1.982999	
0.75000	-0.056627	-0.323380	-0.101926
-0.000290	-0.148915	-1.864678	
1.00000	-0.057092	-0.314973	-0.101926
-0.000290	-0.207376	-1.773620	
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< MOVING 1305 LOAD >			
F R A M E E L E M E N T I N T E R N A L			
REL_DIST	M2	P	V2
0.00000	3.863652	15.891933	0.166909
0.000570	0.416635	27.190121	
0.25000	2.920797	32.934267	0.166909
0.000570	0.210773	80.0032	
0.50000	1.852688	71.348447	0.166909
0.000570	0.024986	108.680377	
0.75000	0.872154	113.226217	0.166909
0.000570	0.205220	79.869982	
1.00000	0.406342	150.126541	0.166909
0.000570	0.389900	26.875501	
COMB DL-G1-2 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.431983	-150.170403	-0.147090
-0.000362	-0.372794	-90.520749	
0.25000	-0.897003	-113.274230	-0.147090
-0.000362	-0.199516	-34.770519	
0.50000	-1.875824	-71.406829	-0.147090
-0.000362	-0.059983	-34.427441	
0.75000	-2.943005	-32.981914	-0.147090
-0.000362	-0.246195	-34.469309	
1.00000	-3.886086	-15.932380	-0.147090
-0.000362	-0.447359	-89.828353	
COMB DL-G1-3 ----- MAX			
REL_DIST	M2	P	V2
0.00000	3.921018	16.218905	0.204729
0.000733	0.507173	32.849044	
0.25000	2.977894	33.266281	0.204729
0.000733	0.253933	85.473929	
0.50000	1.909459	71.691826	0.204729
0.000733	0.026792	113.992203	
0.75000	0.928635	113.581985	0.204729
0.000733	0.251133	85.260894	
1.00000	0.462685	150.493228	0.204729
0.000733	0.481852	32.390355	
COMB DL-G1-3 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.427983	-150.559442	-0.183874
-0.000663	-0.465708	-91.981836	
0.25000	-0.893142	-113.652353	-0.183874
-0.000663	-0.246366	-36.143634	
0.50000	-1.872253	-71.772565	-0.183874
-0.000663	-0.069627	-35.726943	
0.75000	-2.939749	-33.336282	-0.183874
-0.000663	-0.298041	-35.699079	
1.00000	-3.883109	-16.281704	-0.183874
-0.000663	-0.546788	-91.002812	
COMB DL-G2-1 ----- MAX			
REL_DIST	M2	P	V2
0.00000	0.073680	0.280603	0.083567
0.000289	0.204373	8.266894	
0.25000	0.073215	0.299006	0.083567
0.000289	0.100275	8.117905	
0.50000	0.072688	0.307948	0.083567
0.000289	0.002878	0.102667	
0.75000	0.072205	0.328598	0.083567
0.000289	0.100612	0.862304	
1.00000	0.071975	0.346794	0.083567
0.000289	0.201158	8.035440	
COMB DL-G2-1 ----- MIN			
REL_DIST	M2	P	V2
0.00000	-0.383949	-170.869561	-0.086539
-0.000693	-0.222432	-112.924346	
0.25000	-1.185878	-127.844001	-0.086539
-0.000693	-0.125087	-41.952804	
0.50000	-2.234639	-88.767795	-0.086539
-0.000693	-0.057550	-40.665649	
0.75000	-3.230893	-47.568121	-0.086539

T		M2		M3		
0.00000	-0.005089	-0.378617	-0.080498			
-0.000458	-0.204487	-2.271914				
0.25000	-0.005318	-0.360424	-0.080498			
-0.000458	-0.104245	-2.132690				
0.50000	-0.005801	-0.393779	-0.080498			
-0.000458	-0.015148	-2.020761				
0.75000	-0.006327	-0.320832	-0.080498			
-0.000458	-0.111625	-1.909118				
1.00000	-0.006792	-0.312425	-0.080498			
-0.000458	-0.218185	-1.824712				
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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	P	M3	V2	V3
0.00000	3.942391	15.879302			0.13264	
0.000361	0.392798	27.173351				
0.25000	2.995936	32.921636			0.13264	
-0.000361	0.03651	80.003516				
0.50000	1.931427	71.335816			0.132641	
0.000361	0.025365	108.697878				
0.75000	0.950893	113.213585			0.132641	
0.000361	0.167898	79.902117				
1.00000	0.485081	150.113910			0.132641	
0.000361	0.317735	26.920606				
COMB DL-G2-2 ----- MIN						
REL_DIST	T	M2	P	M3	V2	V3
0.00000	-0.372559	-150.166927			-0.119273	
-0.000589	-0.306352	-90.549944				
0.25000	-0.837580	-113.270754			-0.119273	
-0.000589	-0.169298	-34.807423				
0.50000	-1.816401	-71.403353			-0.119273	
-0.000589	-0.061106	-34.472085				
0.75000	-2.983582	-32.978438			-0.119273	
-0.000589	-0.193390	-34.521647				
1.00000	-3.826623	-15.828905			-0.119273	
-0.000589	-0.357921	-89.888698				
COMB DL-G2-3 ----- MAX						
REL_DIST	T	M2	P	M3	V2	V3
0.00000	3.944466	16.215445			0.194461	
0.000661	0.481194	32.847504				
0.25000	3.001333	33.266281			0.194461	
0.75000	0.1762	85.479249				
0.50000	1.932907	71.688367			0.194461	
0.000661	0.027034	114.001549				
0.75000	0.952083	113.578526			0.194461	
0.000661	0.241564	85.276294				
1.00000	0.486134	150.489768			0.194461	
0.000661	0.464207	32.410313				
COMB DL-G2-3 ----- MIN						
REL_DIST	T	M2	P	M3	V2	V3
0.00000	-0.405784	-150.558799			-0.176810	
-0.000753	-0.448186	-91.992987				
0.25000	-0.870943	-113.651710			-0.176810	
-0.000753	-0.239110	-36.157765				
0.50000	-1.850054	-71.771922			-0.176810	
-0.000753	-0.076117	-35.745835				
0.75000	-2.917550	-33.338339			-0.176810	
-0.000753	-0.284139	-35.718885				
1.00000	-3.869010	-16.281061			-0.176810	
-0.000753	-0.520252	-91.025566				
COMB DB ----- MAX						
REL_DIST	T	M2	P	M3	V2	V3
0.00000	4.562968	16.798542			0.140343	
0.000873	0.357901	37.372567				
0.25000	3.408763	49.927279			0.140343	
0.000873	0.87263	121.141549				
0.50000	2.391428	91.030362			0.140343	
0.000873	0.037447	154.009372				
0.75000	1.318947	130.970826			0.140343	
0.000873	0.172418	120.911188				
1.00000	0.497486	174.941325			0.140343	
0.000873	0.326679	37.235437				
COMB DB ----- MIN						
REL_DIST	T	M2	P	M3	V2	V3
0.00000	-0.438623	-174.942232			-0.126825	
-0.000896	-0.322034	-116.369485				
0.25000	-1.258212	-130.969143			-0.126825	
-0.000896	-0.174248	-43.783924				
0.50000	-2.330770	-91.032382			-0.126825	
-0.000896	-0.062634	-42.417372				
0.75000	-3.348284	-48.925300			-0.126825	
-0.000896	-0.193598	-43.494799				
1.00000	-4.501548	-16.795453			-0.126825	
-0.000896	-0.364895	-115.826472				
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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	P	M3	V2	V3
0.00000	3.944466	16.218905			0.204729	
0.000733	0.501713	32.849044				
0.25000	3.001333	33.266281			0.204729	
0.000733	0.253933	85.479249				
0.50000	1.932907	71.691826			0.204729	
0.000733	0.02634	114.001549				
0.75000	0.952083	113.581985			0.204729	
0.000733	0.251133	85.276294				
1.00000	0.486134	150.493228			0.204729	
0.000733	0.481852	32.410313				
COMB DL ----- MIN						
REL_DIST	T	M2	P	M3	V2	V3
0.00000	-0.431983	-150.559442			-0.183874	
-0.000753	-0.465708	-91.992987				
-0.000753	-0.243686	-36.157765			-0.183874	
0.50000	-1.875824	-71.772565			-0.183874	
-0.000753	-0.270617	-35.745935				
0.75000	-2.943010	-33.336282			-0.183874	
-0.000753	-0.298041	-35.718885				
1.00000	-3.869088	-16.281704			-0.183874	
-0.000753	-0.546788	-91.025566				
COMB CAR ----- MAX						

-0.000682	-0.328417	-115.822312		
0.25000	-1.273495	-130.746051	-0.131512	
-0.000682	-0.166055	-43.382263		
0.50000	-2.337645	-90.818064	-0.131512	
-0.000682	-0.064397	-42.223989		
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FRAME	ELEMENT	INTERNAL		
FORCES				
REL_DIST	M2	P	V2	V3
0.75000	-3.348786	-48.710409	-0.131512	
-0.000682	-0.215298	-43.779316		
1.00000	-4.491507	-16.558939	-0.131512	
-0.000682	-0.400442	-115.902299		
COMB DB-G2-1			MAX	
REL_DIST	M2	P	V2	V3
0.00000	0.177522	0.372312	0.056215	
7.77E-06	0.141986	7.119875		
0.25000	0.076684	0.395853	0.056215	
7.77E-06	0.071416	6.852820		
0.50000	0.075944	0.426706	0.056215	
7.77E-06	0.001762	6.612175		
0.75000	0.075163	0.4751977	0.056215	
7.77E-06	0.076317	6.422031		
1.00000	0.074565	0.488150	0.056215	
7.77E-06	0.153139	6.314790		
COMB DB-G2-1			MIN	
REL_DIST	M2	P	V2	V3
0.00000	-0.003900	-0.299076	-0.061194	
-0.000776	-0.154151	-1.347496		
0.25000	-0.004395	-0.266866	-0.061194	
-0.000776	-0.077330	-1.213421		
0.50000	-0.005175	-0.237602	-0.061194	
-0.000776	-0.010923	-1.131589		
0.75000	-0.005916	-0.206740	-0.061194	
-0.000776	-0.069867	-1.051747		
1.00000	-0.006754	-0.183176	-0.061194	
-0.000776	-0.140427	-1.023625		
COMB DB-G2-2			MAX	
REL_DIST	M2	P	V2	V3
0.00000	4.44974	16.359832	0.110247	
0.000150	0.284451	31.739956		
0.25000	3.325903	47.787011	0.110247	
0.000150	0.150808	113.563957		
0.50000	2.337908	88.976835	0.110247	
0.000150	0.035409	145.624165		
0.75000	1.295576	128.052372	0.110247	
0.000150	0.112276	113.558167		
1.00000	0.496819	171.004543	0.110247	
0.000150	0.220257	30.932126		
COMB DB-G2-2			MIN	
REL_DIST	M2	P	V2	V3
0.00000	-0.383236	-170.684032	-0.087572	
-0.000940	-0.219442	-112.558956		
0.25000	-1.178658	-127.683577	-0.087572	
-0.000940	-0.112313	-41.759642		
0.50000	-2.219878	-88.615956	-0.087572	
-0.000940	-0.056398	-40.676032		
0.75000	-3.209231	-47.415633	-0.087572	
-0.000940	-0.154746	-42.249099		
1.00000	-4.327328	-15.95961	-0.087572	
-0.000940	-0.287798	-112.869234		
COMB DB-G2-3			MAX	
REL_DIST	M2	P	V2	V3
0.00000	4.537241	17.077721	0.147700	
0.000646	0.378196	32.246408		
0.25000	3.393525	49.197003	0.147700	
0.000646	0.197551	120.572061		
0.50000	2.383772	91.293930	0.147700	
0.000646	0.037130	153.176372		
0.75000	1.318485	131.230619	0.147700	
0.000646	0.162878	119.979059		
1.00000	0.502138	175.120809	0.147700	
0.000646	0.320620	35.969961		
COMB DB-G2-3			MIN	
REL_DIST	M2	P	V2	V3
0.00000	-0.434407	-174.692074	-0.127218	
-0.000973	-0.318157	-115.827708		
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FRAME	ELEMENT	INTERNAL		
FORCES				
REL_DIST	M2	P	V2	V3
0.25000	-1.273495	-130.744643	-0.127218	
-0.000973	-0.161281	-43.389354		
0.50000	-2.311496	-90.816656	-0.127218	
-0.000973	-0.064474	-42.231656		
0.75000	-3.322637	-48.709001	-0.127218	
-0.000973	-0.202525	-43.788119		
1.00000	-4.465357	-16.557531	-0.127218	
-0.000973	-0.382567	-115.912237		
COMB DL-G1-1			MAX	
REL_DIST	M2	P	V2	V3
0.00000	0.012886	0.382166	0.132438	
0.000691	0.323446	8.020779		
0.25000	0.012425	0.390531	0.132438	
0.000691	0.157330	7.728635		
0.50000	0.011902	0.409469	0.132438	
0.000691	0.001691	7.448424		
0.75000	0.011422	0.430118	0.132438	
0.000691	0.134867	17.187653		
1.00000	0.011194	0.448322	0.132438	
0.000691	0.268755	6.971224		
COMB DL-G1-1			MIN	
REL_DIST	M2	P	V2	V3
0.00000	-0.076748	-0.291528	-0.106406	
-7.34E-06	-0.264483	-1.796186		
0.25000	-0.076974	-0.273340	-0.106406	
-7.34E-06	-0.130690	-1.650513		
0.50000	-0.077453	-0.252698	-0.106406	
-7.34E-06	-0.013552	-1.532424		
0.75000	-0.077976	-0.233754	-0.106406	
-7.34E-06	-0.175662	-1.414646		

1.00000	-0.078438	-0.225339	-0.106406	
-7.34E-06	-0.341775	-1.323477		
COMB DL-G1-2			MAX	
REL_DIST	M2	P	V2	V3
0.00000	3.829521	16.177406	0.213151	
0.000819	0.531872	26.909167		
0.25000	2.894878	33.51522	0.213151	
0.000819	0.266986	79.231165		
0.50000	1.833853	71.548239	0.213151	
0.000819	0.024865	107.708088		
0.75000	0.860167	113.426424	0.213151	
0.000819	0.211800	78.602458		
1.00000	0.398077	150.341926	0.213151	
0.000819	0.404204	25.629648		
COMB DL-G1-2			MIN	
REL_DIST	M2	P	V2	V3
0.00000	-0.460887	-150.004014	-0.154808	
-0.000155	-0.383423	-89.855718		
0.25000	-0.919903	-113.120322	-0.154808	
-0.000155	-0.202098	-34.154129		
0.50000	-1.891478	-71.258033	-0.154808	
-0.000155	-0.058821	-34.118251		
0.75000	-2.951443	-32.838815	-0.154808	
-0.000155	-0.301663	-34.802448		
1.00000	-3.888340	-15.773793	-0.154808	
-0.000155	-0.560950	-89.919712		
COMB DL-G1-3			MAX	
REL_DIST	M2	P	V2	V3
0.00000	3.885407	16.564249	0.261519	
0.000849	0.649388	32.419232		
0.25000	2.943987	33.533384	0.261519	
0.000849	0.323276	84.436938		
0.50000	1.889149	71.951465	0.261519	
0.000849	0.026253	112.617589		
0.75000	0.915175	113.840239	0.261519	
0.000849	0.256748	83.464181		
1.00000	0.452948	150.768462	0.261519	
0.000849	0.493869	30.472917		
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FRAME	ELEMENT	INTERNAL		
FORCES				
REL_DIST	M2	P	V2	V3
0.00000	-0.454688	-150.333822	-0.190590	
-0.000929	-0.1478918	-71.313921		
0.25000	-0.913840	-113.439218	-0.190590	
-0.000929	-0.247621	-35.231717		
0.50000	-1.885702	-71.564544	-0.190590	
-0.000929	-0.067749	-35.123809		
0.75000	-2.945981	-33.133959	-0.190590	
-0.000929	-0.368042	-35.137209		
1.00000	-3.883155	-16.063888	-0.190590	
-0.000929	-0.688990	-90.798977		
COMB DL-G2-1			MAX	
REL_DIST	M2	P	V2	V3
0.00000	0.075873	0.378061	0.100069	
6.79E-06	0.244318	8.030606		
0.25000	0.075412	0.386426	0.100069	
6.79E-06	0.118613	7.741398		
0.50000	0.074889	0.405364	0.100069	
6.79E-06	0.002183	7.465493		
0.75000	0.074409	0.426013	0.100069	
6.79E-06	0.099141	7.207715		
1.00000	0.074181	0.444217	0.100069	
6.79E-06	0.198401	6.993380		
COMB DL-G2-1			MIN	
REL_DIST	M2	P	V2	V3
0.00000	-0.004428	-0.284253	-0.079072	
-0.000727	-0.189818	-1.313361		
0.25000	-0.004654	-0.266066	-0.079072	
-0.000727	-0.099670	-1.674062		
0.50000	-0.005133	-0.245424	-0.079072	
-0.000727	-0.013942	-1.562078		
0.75000	-0.005856	-0.226480	-0.079072	
-0.000727	-0.132897	-1.452891		
1.00000	-0.006118	-0.218065	-0.079072	
-0.000727	-0.258633	-1.365787		
COMB DL-G2-2			MAX	
REL_DIST	M2	P	V2	V3
0.00000	3.908139	16.172206	0.172133	
0.000135	0.431631	26.917157		
0.25000	2.972897	33.136322	0.172133	
0.000135	0.217940	79.244068		
0.50000	1.912472	71.543040	0.172133	
0.000135	0.025167	107.725670		
0.75000	0.938786	113.419425	0.172133	
0.000135	0.165571	78.622124		
1.00000	0.476695	150.336726	0.172133	
0.000135	0.312102	25.649444		
COMB DL-G2-2			MIN	
REL_DIST	M2	P	V2	V3
0.00000	-0.374733	-149.994110	-0.119052	
-0.000863	-0.297403	-89.875927		
0.25000	-0.833749	-113.110419	-0.119052	
-0.000863	-0.161900	-34.181757		
0.50000	-1.805324	-71.248130	-0.119052	
-0.000863	-0.059356	-34.153428		
0.75000	-2.865290	-32.828911	-0.119052	
-0.000863	-0.247536	-34.845046		
1.00000	-3.802187	-15.763889	-0.119052	
-0.000863	-0.455721	-89.969804		
COMB DL-G2-3			MAX	
REL_DIST	M2	P	V2	V3
0.00000	3.910552	16.562527	0.249368	
0.000573	0.619474	32.425118		
0.25000	2.975033	33.531662	0.249368	
0.000573	0.309573	84.449181		
0.50000	1.914294	71.949743	0.249368	
0.000573	0.026367	112.627603		
0.75000	0.940320	113.838517	0.249368	
0.000573	0.244661	83.449132		
1.00000	0.478093	150.766741	0.249368	
0.000573	0.469662	30.486418		
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FRAME FORCES		ELEMENT		INTERNAL		
COMB DL-G2-3 ----- MIN						
REL DIST	T	M2	M3	V2	V3	
0.00000	-0.423023	-150.331405			-0.181259	
-0.000901	-0.451296	-91.029596				
0.25000	-0.882175	-113.436801			-0.181259	
-0.000901	-0.237566	-35.242228				
0.50000	-1.854037	-71.562127			-0.181259	
-0.000901	-0.068093	-35.137209				
0.75000	-2.914316	-33.131542			-0.181259	
-0.000901	-0.350877	-35.751994				
1.00000	-3.851490	-16.061474			-0.181259	
-0.000901	-0.655935	-90.818245				
COMB DB ----- MAX						
REL DIST	T	M2	M3	V2	V3	
0.00000	4.537241	17.077721			0.152511	
0.000923	0.389835	37.247734				
0.25000	3.393525	49.170003			0.152511	
0.000923	0.203175	120.573484				
0.50000	2.383772	91.293930			0.152511	
0.000923	0.037130	153.178337				
0.75000	1.318485	131.230619			0.152511	
0.000923	0.168762	119.983620				
1.00000	0.502138	175.128090			0.152511	
0.000923	0.331934	35.975850				
COMB DB ----- MIN						
REL DIST	T	M2	M3	V2	V3	
0.00000	-0.460556	-174.693482			-0.131512	
-0.000973	-0.328417	-115.827708				
0.25000	-1.273495	-130.746051			-0.131512	
-0.000973	-0.160555	-43.389354				
0.50000	-2.337645	-90.818064			-0.131512	
-0.000973	-0.064474	-42.231656				
0.75000	-3.348786	-48.710409			-0.131512	
-0.000973	-0.215298	-43.788119				
1.00000	-0.491507	-16.558939			-0.131512	
-0.000973	-0.400442	-115.912237				
COMB DL ----- MAX						
REL DIST	T	M2	M3	V2	V3	
0.00000	3.910552	16.564249			0.261519	
0.000849	0.649388	32.425118				
0.25000	2.975033	33.533384			0.261519	
0.000849	0.323276	84.449185				
0.50000	1.914294	71.951465			0.261519	
0.000849	0.026367	112.627603				
0.75000	0.940320	113.840239			0.261519	
0.000849	0.256748	83.449132				
1.00000	0.478093	150.768462			0.261519	
0.000849	0.493869	30.486418				
COMB DL ----- MIN						
REL DIST	T	M2	M3	V2	V3	
0.00000	-0.460887	-150.333822			-0.190590	
-0.000901	-0.473679	-91.029596				
0.25000	-0.882175	-113.436801			-0.190590	
-0.000901	-0.247621	-35.242228				
0.50000	-1.891478	-71.564544			-0.190590	
-0.000901	-0.068093	-35.137209				
0.75000	-2.951443	-33.133959			-0.190590	
-0.000901	-0.368942	-35.751994				
0.000901	0.389834	-16.061474			-0.190590	
-0.000901	-0.688990	-90.818245				
COMB CAR ----- MAX						
REL DIST	T	M2	M3	V2	V3	
0.00000	4.537241	17.077721			0.261519	
0.000923	0.649388	37.247734				
0.25000	3.393525	49.170003			0.261519	
0.000923	0.323276	120.573484				
0.50000	2.383772	91.293930			0.261519	
0.000923	0.037130	153.178337				
0.75000	1.318485	131.230619			0.261519	
0.000923	0.256748	119.983620				
1.00000	0.502138	175.128090			0.261519	
0.000923	0.493869	35.975850				
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FRAME FORCES		ELEMENT		INTERNAL		
COMB CAR ----- MIN						
REL DIST	T	M2	M3	V2	V3	
0.00000	-0.460887	-174.693482			-0.190590	
-0.000973	-0.473679	-115.827708				
0.25000	-1.273495	-130.746051			-0.190590	
-0.000973	-0.247621	-43.389354				
0.50000	-2.337645	-90.818064			-0.190590	
-0.000973	-0.068093	-42.231656				
0.75000	-3.348786	-48.710409			-0.190590	
-0.000973	-0.368942	-43.788119				
1.00000	-4.491507	-16.558939			-0.190590	
-0.000973	-0.688990	-115.912237				
COMB DESIGN ----- MAX						
REL DIST	T	M2	M3	V2	V3	
0.00000	4.537241	17.077721			0.261519	
0.000923	0.649388	37.247734				
0.25000	3.393525	49.170003			0.261519	
0.000923	0.323276	120.573484				
0.50000	2.383772	91.293930			0.261519	
0.000923	0.037130	153.178337				
0.75000	1.318485	131.230619			0.261519	
0.000923	0.256748	119.983620				
1.00000	0.502138	175.128090			0.261519	
0.000923	0.493869	35.975850				
COMB DESIGN ----- MIN						
REL DIST	T	M2	M3	V2	V3	
0.00000	-0.460887	-174.693482			-0.190590	
-0.000973	-0.473679	-115.827708				
0.25000	-1.273495	-130.746051			-0.190590	
-0.000973	-0.247621	-43.389354				
0.50000	-2.337645	-90.818064			-0.190590	
-0.000973	-0.068093	-42.231656				
0.75000	-3.348786	-48.710409			-0.190590	
-0.000973	-0.368942	-43.788119				
1.00000	-4.491507	-16.558939			-0.190590	
-0.000973	-0.688990	-115.912237				
ELEM 5.022317 220 ----- LENGTH =						

0.25000	3.383650	48.283149	0.133809
3.69E-07	0.172172	112.683546	
0.50000	2.391678	89.339320	0.133809
3.69E-07	0.037223	146.229730	
0.75000	1.341731	128.412522	0.133809
3.69E-07	0.111450	116.561587	
1.00000	0.529394	170.627712	0.133809
3.69E-07	0.222610	35.428651	

COMB DB-G2-2 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.407356	-171.310880		-0.088510
-0.001301	-0.221865	-112.861703		
0.25000	-1.204345	-128.192755		-0.088510
-0.001301	-0.110638	-42.041117		
0.50000	-2.249376	-89.251296		-0.088510
-0.001301	-0.056224	-42.452863		
0.75000	-3.245900	-48.037270		-0.088510
-0.001301	-0.195363	-45.055797		
1.00000	-4.355730	-16.294164		-0.088510
-0.001301	-0.357940	-115.941130		

COMB DB-G2-3 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	4.603818	17.621490		0.175830
0.000680	0.439441	36.001061		
0.25000	3.447931	49.579662		0.175830
0.000680	0.220955	119.336944		
0.50000	2.434317	91.539991		0.175830
0.000680	0.038824	153.586680		
0.75000	1.361044	131.473682		0.175830
0.000680	0.164064	123.431885		
1.00000	0.530817	174.618554		0.175830
0.000680	0.327273	40.721094		

COMB DB-G2-3 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.471577	-175.479934		-0.129906
-0.001168	-0.325081	-115.913390		
0.25000	-1.286118	-131.412241		-0.129906
-0.001168	-0.161840	-43.514477		
0.50000	-2.354164	-91.613195		-0.129906
-0.001168	-0.063976	-43.916608		
0.75000	-3.372633	-49.491534		-0.129906
-0.001168	-0.255611	-46.301933		
1.00000	-4.506304	-17.004366		-0.129906
-0.001168	-0.468109	-118.985904		

COMB DL-G1-1 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.011661	0.181550		0.152728
0.001045	0.374868	7.003104		
0.25000	0.011198	0.189406		0.152728
0.001045	0.183321	6.996711		
0.50000	0.001527	0.228827		0.152728
0.001045	0.001527	0.008489		
0.75000	0.010188	0.228917		0.152728
0.001045	0.140055	7.045734		
1.00000	0.009954	0.247227		0.152728
0.001045	0.279436	7.133515		

COMB DL-G1-1 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.091187	-0.402766		-0.110826
-1.03E-05	-0.175832	-1.241361		
0.25000	-0.091413	-0.384633		-0.110826
-1.03E-05	-0.136495	-1.276390		
0.50000	-0.091893	-0.364029		-0.110826
-1.03E-05	-0.012884	-1.233454		
0.75000	-0.092420	-0.345068		-0.110826
-1.03E-05	-0.195581	-1.195581		
1.00000	-0.092888	-0.336496		-0.110826
-1.03E-05	-0.392179	-1.174301		
Program	SAP2000	Nonlinear	Version 7.42	
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COMB DL-G1-2 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	3.860988	16.694353		0.256301
0.001209	0.640360	25.089320		
0.25000	2.921967	32.625350		0.256301
0.001209	0.321133	78.135424		
0.50000	1.856279	70.896019		0.256301
0.001209	0.026108	107.602762		
0.75000	0.674312	112.753927		0.256301
0.001209	0.493277	79.439277		
1.00000	0.395981	149.886881		0.256301
0.001209	0.422533	28.896326		

COMB DL-G1-2 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.503324	-150.449785		-0.164016
-2.38E-07	-0.406726	-89.948234		
0.25000	-0.941233	-113.616799		-0.164016
-2.38E-07	-0.082331	-34.086166		
0.50000	-1.911628	-71.891777		-0.164016
-2.38E-07	-0.058510	-34.916035		
0.75000	-2.983338	-33.437460		-0.164016
-2.38E-07	-0.356290	-36.002687		
1.00000	-3.932950	-16.053418		-0.164016
-2.38E-07	-0.667328	-91.257473		

COMB DL-G1-3 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.397732	16.941250		0.321477
0.001080	0.797101	30.521595		
0.25000	2.988033	32.877130		0.321477
0.001080	0.396083	82.881361		
0.50000	1.922030	71.159122		0.321477
0.001080	0.027252	112.250110		
0.75000	0.939773	113.029413		0.321477
0.001080	0.266409	84.190630		
1.00000	0.464901	150.173354		0.321477
0.001080	0.511224	33.888310		

COMB DL-G1-3 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.494899	-150.871478		-0.199329
-0.000710	-0.495650	-90.820213		
0.25000	-0.932938	-114.087612		-0.199329
-0.000710	-0.253069	-34.925144		
0.50000	-1.908727	-72.290227		-0.199329
-0.000710	-0.067130	-35.734825		
0.75000	-2.975648	-33.824533		-0.199329
-0.000710	-0.444713	-36.803258		
1.00000	-3.925540	-16.435348		-0.199329

-0.000710 -0.837752 -92.055432				
COMB DL-G2-1 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.092687	0.170530		0.119921
9.47E-06	0.291525	6.994776		
0.25000	0.092224	0.178386		0.119921
-0.001311	-0.140106	7.020044		
0.50000	0.091699	0.197257		0.119921
9.47E-06	0.001661	7.029430		
0.75000	0.091215	0.217897		0.119921
9.47E-06	0.008809	7.080947		
1.00000	0.090981	0.236207		0.119921
9.47E-06	0.197645	7.181716		

COMB DL-G2-1 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.001937	-0.399534		-0.078647
-0.001110	-0.197698	-1.356119		
0.25000	-0.002153	-0.381402		-0.078647
-0.001110	-0.098915	-1.292702		
0.50000	-0.002634	-0.360798		-0.078647
-0.001110	-0.013280	-1.257263		
0.75000	-0.003160	-0.341836		-0.078647
-0.001110	-0.160980	-1.221812		
1.00000	-0.003629	-0.333264		-0.078647
-0.001110	-0.312168	-1.212981		
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COMB DL-G2-2 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	3.961705	16.680106		0.216849
2.19E-07	0.539954	25.662310		
0.25000	3.022683	32.611103		0.216849
2.19E-07	0.269531	78.137825		
0.50000	1.956996	70.881773		0.216849
2.19E-07	0.026266	107.624364		
0.75000	0.975029	112.739880		0.216849
2.19E-07	0.168768	79.477345		
1.00000	0.500298	149.872634		0.216849
2.19E-07	0.316276	28.948195		

COMB DL-G2-2 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.397412	-150.445371		-0.122238
-0.001311	-0.305025	-89.958569		
0.25000	-0.835321	-113.672385		-0.122238
-0.001311	-0.158960	-34.107535		
0.50000	-1.810371	-71.887363		-0.122238
-0.001311	-0.058948	-34.944199		
0.75000	-2.877426	-33.433045		-0.122238
-0.001311	-0.307166	-36.039776		
1.00000	-3.802829	-16.434583		-0.122238
-0.001311	-0.571021	-91.303448		

COMB DL-G2-3 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	3.961158	16.937410		0.308931
0.000630	0.763976	30.521336		
0.25000	3.021859	32.873120		0.308931
0.000630	0.378145	82.881787		
0.50000	1.955856	71.155112		0.308931
0.000630	0.027316	112.262323		
0.75000	0.973598	113.025404		0.308931
0.000630	0.252175	84.209659		
1.00000	0.498727	150.169344		0.308931
0.000630	0.482632	33.911977		

COMB DL-G2-3 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.455360	-150.870713		-0.188093
-0.001221	-0.468487	-90.623813		
0.25000	-0.935398	-114.086847		-0.188093
-0.001221	-0.240448	-34.932481		
0.50000	-1.868737	-72.298463		-0.188093
-0.001221	-0.067138	-35.745333		
0.75000	-2.936108	-33.823769		-0.188093
-0.001221	-0.430325	-36.817166		
1.00000	-3.866001	-16.434583		-0.188093
-0.001221	-0.809572	-92.072858		

COMB	DB ----- MAX			
REL_DIST	P	V2	V3	
T	M2	M3		
0.00000	4.603818	17.623932	0.178917	
0.001220	0.454806	36.006794		
0.25000	3.447931	49.582103	0.178917	
0.001220	0.232419	119.339529		
0.50000	2.434317	91.542432	0.178917	
0.001220	0.038824	153.586680		
0.75000	1.361044	131.476123	0.178917	
0.001220	0.171227	123.431885		
1.00000	0.530817	174.620996	0.178917	
0.001220	0.341247	40.721094		

0.001592	0.206554	6.124262			
0.50000	0.012190	0.987261		0.169181	
0.001592	0.000654	5.068547			
0.75000	0.011702	1.007855		0.169181	
0.001592	0.140222	4.011716			
1.00000	0.011416	1.027874		0.169181	
0.001592	0.281776	3.006548			
COMB DL-G1-1 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.122532	-0.235514		-0.112510	
-1.55E-05	-0.282084	-1.199109			
0.25000	-0.126700	-0.218254		-0.112510	
-1.55E-05	-0.140448	-0.985003			
0.50000	-0.123124	-0.198294		-0.112510	
-1.55E-05	-0.008866	-0.801649			
0.75000	-0.123645	-0.179040		-0.112510	
-1.55E-05	-0.218739	-0.618419			
1.00000	-0.124153	-0.168323		-0.112510	
-1.55E-05	-0.431128	-0.453507			
COMB DL-G1-2 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	3.820255	22.395973		0.291575	
0.001909	0.735030	28.942804			
0.25000	0.233502	32.390503		0.291575	
0.001909	0.372300	77.110993			
0.50000	1.908811	68.831283		0.291575	
0.001909	0.033736	108.164387			
0.75000	0.919298	110.597803		0.291575	
0.001909	0.240361	80.573820			
1.00000	0.338481	151.196231		0.291575	
0.001909	0.453734	12.335911			
COMB DL-G1-2 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.665576	-149.769919		-0.169701	
-3.62E-07	-0.421484	-91.330098			
0.25000	-0.944481	-114.766923		-0.169701	
-3.62E-07	-0.215102	-35.276449			
0.50000	-1.865301	-74.286583		-0.169701	
-3.62E-07	-0.055554	-41.440344			
0.75000	-2.921903	-35.239663		-0.169701	
-3.62E-07	-0.401022	-47.714658			
1.00000	-3.951606	-13.507294		-0.169701	
-3.62E-07	-0.758770	-91.557492			
COMB DL-G1-3 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	0.3867660	23.148137		0.370473	
0.001706	0.928940	33.931429			
0.25000	2.960645	33.145624		0.370473	
0.001706	0.467030	81.332381			
0.50000	1.955651	69.597186		0.370473	
0.001706	0.034552	111.376062			
0.75000	0.965845	111.376062		0.370473	
0.001706	0.283726	83.297502			
1.00000	0.384856	151.986502		0.370473	
0.001706	0.540560	14.584001			
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	M2	M3	V2	V3	
0.00000	-0.653893	-149.990592		-0.204373	
-0.001086	-0.509149	-92.123569			
0.25000	-0.932780	-114.977141		-0.204373	
-0.001086	-0.259405	-35.945634			
0.50000	-1.853973	-74.484924		-0.204373	
-0.001086	-0.061754	-42.003682			
0.75000	-2.910887	-35.264252		-0.204373	
-0.001086	-0.504275	-48.170384			
1.00000	-3.940895	-13.687653		-0.204373	
-0.001086	-0.961085	-91.917408			
COMB DL-G2-1 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	0.074071	0.957415		0.140643	
1.42E-05	0.347743	7.191161			
0.25000	0.073633	0.962344		0.140643	
1.42E-05	0.170410	6.152303			
0.50000	0.073128	0.980312		0.140643	
1.42E-05	0.001456	5.105007			
0.75000	0.072640	1.000907		0.140643	
1.42E-05	0.098780	4.055949			
1.00000	0.072254	0.929926		0.140643	
1.42E-05	0.193812	3.058275			
COMB DL-G2-1 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.002984	-0.230781		-0.077463	
-0.001746	-0.195604	-1.204846			
0.25000	-0.003121	-0.213521		-0.077463	
-0.001746	-0.098641	-0.996684			
0.50000	-0.003575	-0.193561		-0.077463	
-0.001746	-0.009801	-0.819133			
0.75000	-0.004096	-0.174307		-0.077463	
-0.001746	-0.182715	-0.641746			
1.00000	-0.004604	-0.163591		-0.077463	
-0.001746	-0.360158	-0.482650			
COMB DL-G2-2 ----- MAX					
REL_DIST	M2	M3	V2	V3	
0.00000	3.892864	22.387280		0.255140	
3.28E-07	0.643680	28.963511			
0.25000	0.306111	32.381811		0.255140	
3.28E-07	0.325999	77.139820			
0.50000	1.981420	68.822591		0.255140	
3.28E-07	0.034799	108.203857			
0.75000	0.991906	110.589110		0.255140	
3.28E-07	0.184162	80.623857			
1.00000	0.411100	151.187538		0.255140	
3.28E-07	0.339794	12.393108			
COMB DL-G2-2 ----- MIN					
REL_DIST	M2	M3	V2	V3	
0.00000	-0.519872	-149.764306		-0.124316	
-0.002023	-0.309363	-91.336939			
0.25000	-0.798677	-114.761210		-0.124316	
-0.002023	-0.160826	-35.290259			
0.50000	-1.719597	-74.280969		-0.124316	
-0.002023	-0.059588	-41.461076			
0.75000	-2.776199	-35.234050		-0.124316	
-0.002023	-3.550445	-47.742546			
1.00000	-3.805902	-13.501680		-0.124316	
-0.002023	-0.667309	-91.592448			

COMB DL-G2-3 ----- MAX									
REL_DIST		M2		M3		V2		V3	
0.00000		3.895849		23.145733				0.359888	
0.001005		0.902739		33.942155					
0.25000		3.008834		33.143220				0.359888	
0.001005		0.453678		81.346734					
0.50000		1.983839		69.594782				0.359888	
0.001005		0.034959		111.631390					
0.75000		0.994034		111.373658				0.359888	
0.001005		0.268464		83.320282					
1.00000		0.413045		151.984098				0.359888	
0.001005		0.509299		14.610465					
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		M2		M3		V2		V3	
0.00000		-0.603339		-149.988443				-0.191973	
-0.001808		-0.478598		-92.125261					
0.25000		-0.882226		-114.974992				-0.191973	
-0.001808		-0.244817		-35.949779					
0.50000		-1.803419		-74.482775				-0.191973	
-0.001808		-0.062436		-42.010207					
0.75000		-2.860333		-35.424303				-0.191973	
-0.001808		-0.490942		-48.179428					
1.00000		-3.890341		-13.685504				-0.191973	
-0.001808		-0.934603		-91.928915					
COMB DB ----- MAX									
REL_DIST		M2		M3		V2		V3	
0.00000		4.607887		23.902148				0.211188	
0.001739		0.539577		40.717030					
0.25000		3.434234		53.548150				0.211188	
0.001739		0.275178		118.357654					
0.50000		2.473825		93.557520				0.211188	
0.001739		0.049421		155.658244					
0.75000		1.400783		131.412800				0.211188	
0.001739		0.184898		115.320187					
1.00000		0.464041		174.375674				0.211188	
0.001739		0.341761		20.374158					
COMB DB ----- MIN									
REL_DIST		M2		M3		V2		V3	
0.00000		-0.670590		-176.951925				-0.136250	
-0.001838		-0.342760		-119.036049					
0.25000		-1.418617		-131.813728				-0.136250	
-0.001838		-0.171544		-45.156715					
0.50000		-2.429117		-93.798100				-0.136250	
-0.001838		-0.062430		-53.680490					
0.75000		-3.389554		-51.364229				-0.136250	
-0.001838		-0.299948		-63.630101					
1.00000		-4.504068		-14.444725				-0.136250	
-0.001838		-0.553613		-121.933755					
COMB DL ----- MAX									
REL_DIST		M2		M3		V2		V3	
0.00000		3.895849		23.148137				0.370473	
0.001909		0.928940		33.942155					
0.25000		3.008834		33.145624				0.370473	
0.001909		0.467030		81.346734					
0.50000		1.983839		69.597186				0.370473	
0.001909		0.034959		111.631390					
0.75000		0.994034		111.376062				0.370473	
0.001909		0.283726		83.320282					
1.00000		0.413045		151.986502				0.370473	
0.001909		0.540560		14.610465					
COMB DL ----- MIN									
REL_DIST		M2		M3		V2		V3	
0.00000		-0.665576		-149.990592				-0.204373	
-0.002023		-0.509149		-92.125261					
0.25000		-0.944381		-114.977141				-0.204373	
-0.002023		-0.259405		-35.949779					
0.50000		-1.865301		-74.484924				-0.204373	
-0.002023		-0.062436		-42.010207					
0.75000		-2.921903		-35.264252				-0.204373	
-0.002023		-0.504275		-48.179428					
1.00000		-3.951606		-13.687653				-0.204373	
-0.002023		-0.961085		-91.928915					
COMB CAR ----- MAX									
REL_DIST		M2		M3		V2		V3	
0.00000		4.607887		23.902148				0.370473	
0.001909		0.928940		40.717030					
0.25000		3.434234		53.548150				0.370473	
0.001909		0.467030		118.357654					
0.50000		2.473825		93.557520				0.370473	
0.001909		0.049421		155.658244					
0.75000		1.400783		131.412800				0.370473	
0.001909		0.283726		115.320187					
1.00000		0.464041		174.375674				0.370473	
0.001909		0.540560		20.374158					
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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		M2		M3		V2		V3	
0.00000		-0.670590		-176.951925				-0.204373	
-0.002023		-0.509149		-92.125261					
0.25000		-1.418617		-131.813728				-0.204373	
-0.002023		-0.259405		-35.949779					
0.50000		-2.429117		-93.798100				-0.204373	
-0.002023		-0.062436		-53.680490					
0.75000		-3.389554		-51.364229				-0.204373	
-0.002023		-0.299948		-63.630101					
1.00000		-4.504068		-14.444725				-0.204373	
-0.002023		-0.961085		-121.933755					
COMB DESIGN ----- MAX									
REL_DIST		M2		M3		V2		V3	
0.00000		4.607887		23.902148				0.370473	
0.001909		0.928940		40.717030					
0.25000		3.434234		53.548150				0.370473	
0.001909		0.467030		118.357654					
0.50000		2.473825		93.557520				0.370473	
0.001909		0.049421		155.658244					
0.75000		1.400783		131.412800				0.370473	
0.001909		0.283726		115.320187					

0.50000	2.204026	52.387737	0.557361
0.020218	0.048120	94.858136	
0.75000	1.149012	94.279778	0.557361
0.002018	0.032656	81.855170	
1.00000	0.244069	143.384865	0.557361
0.002018	0.640451	0.034921	
COMB DL-G1-3 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.165778	-149.292460	-0.275701
-0.001283	-0.602698	-91.941156	
0.25000	-0.601285	-121.727906	-0.275701
-0.001283	-0.303360	-23.826068	-0.275701
0.50000	-1.405049	-84.987747	
-0.001283	-0.121431	-15.862950	-0.275701
0.75000	-2.475105	-64.698775	-0.275701
-0.001283	-0.740102	-7.911446	
1.00000	-3.728403	-8.915637	-0.275701
-0.001283	-1.367810	-0.132891	
COMB DL-G2-1 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.0418754	0.758091	0.207413
1.62E-05	0.451876	3.070828	
0.25000	0.038406	0.766467	0.207413
1.62E-05	0.216719	2.332655	
0.50000	0.037942	0.781958	0.207413
1.62E-05	0.006321	1.574097	
0.75000	0.037422	0.802609	0.207413
1.62E-05	0.123235	0.799478	
1.00000	0.036976	0.826815	0.207413
1.62E-05	0.239623	0.010932	
COMB DL-G2-1 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.001636	-0.173494	-0.103042
-0.002036	-0.226327	-0.474857	
0.25000	-0.001851	-0.159906	-0.103042
-0.002036	-0.108919	-0.334981	
0.50000	-0.002247	-0.141735	-0.103042
-0.002036	-0.016760	-0.224822	
0.75000	-0.002775	-0.121441	-0.103042
-0.002036	-0.251878	-0.113309	
1.00000	-0.003393	-0.104295	-0.103042
-0.002036	-0.406897	-0.024447	
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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	M2	P	V2
T	M2	M3	V2
0.00000	3.863357	3.399120	0.394259
3.74E-07	0.846019	12.419627	
0.25000	3.156335	20.385988	0.394259
3.74E-07	0.577785	54.844363	
0.50000	2.216747	51.801163	0.394259
3.74E-07	0.041835	93.729106	
0.75000	1.162045	93.680813	0.394259
3.74E-07	0.198481	81.294132	
1.00000	0.257370	142.771376	0.394259
3.74E-07	0.385970	0.024805	
COMB DL-G2-2 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.074544	-149.176970	-0.166057
-0.002426	-0.363578	-91.581450	
0.25000	-0.050921	-121.620570	-0.166057
-0.002426	-0.188449	-23.574568	
0.50000	-1.313448	-84.891277	-0.166057
-0.002426	-0.109457	-15.701953	
0.75000	-2.383187	-43.614517	-0.166057
-0.002426	-0.542821	-7.841162	
1.00000	-3.636115	-8.841667	-0.166057
-0.002426	-0.986404	-0.111988	
COMB DL-G2-3 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	3.867727	3.973045	0.544755
0.001196	1.173877	14.665825	
0.25000	3.160513	20.964939	0.544755
0.001196	0.577785	56.977105	
0.50000	2.220629	52.389408	0.544755
0.001196	0.047364	94.868598	
0.75000	1.165615	94.281449	0.544755
0.001196	0.307947	81.864378	
1.00000	0.260672	143.386535	0.544755
0.001196	0.599685	0.033757	
COMB DL-G2-3 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.132041	-149.289833	-0.258167
-0.002169	-0.564578	-91.937086	
0.25000	-0.567547	-121.725280	-0.258167
-0.002169	-0.285289	-23.825182	
0.50000	-1.371311	-84.985121	-0.258167
-0.002169	-0.120920	-15.865293	
0.75000	-2.441367	-43.696148	-0.258167
-0.002169	-0.725245	-7.916946	
1.00000	-3.694665	-8.913010	-0.258167
-0.002169	-1.338862	-0.130913	
COMB DB ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	4.308561	4.521864	0.327340
0.002013	0.704547	20.402376	
0.25000	3.536618	25.861150	0.327340
0.002013	0.357918	87.593138	
0.50000	2.676180	61.062922	0.327340
0.002013	0.042107	137.885794	
0.75000	1.336069	104.533214	0.327340
0.002013	0.219332	118.007974	
1.00000	0.278097	159.898844	0.327340
0.002013	0.426572	0.029934	
COMB DB ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.186932	-165.883618	-0.183354
-0.002118	-0.402069	-121.937647	
0.25000	-0.728085	-136.493372	-0.183354
-0.002118	-0.194811	-30.688922	
0.50000	-1.627770	-84.987747	-0.183354
-0.002118	-0.464213	-10.219880	
0.75000	-2.738004	-58.179666	-0.183354
-0.002118	-0.113997	-20.454411	
1.00000	-3.728403	-8.915637	-0.183354
-0.002118	-0.816922	-0.125913	
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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	M2	P	V2
T	M2	M3	V2
0.00000	3.867727	3.973045	0.557361
0.002258	1.201543	14.665825	
0.25000	3.160513	20.964939	0.557361
0.002258	0.591612	56.537708	
0.50000	2.220629	52.389408	0.557361
0.002258	0.048120	94.868598	
0.75000	1.165615	94.281449	0.557361
0.002258	0.326956	81.864378	
1.00000	0.260672	143.386535	0.557361
0.002258	0.640451	0.034921	
COMB DL ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.174219	-149.292460	-0.275701
-0.002426	-0.602698	-91.941156	
0.25000	-0.609597	-121.727906	-0.275701
-0.002426	-0.303360	-23.826068	
0.50000	-1.413123	-84.987747	-0.275701
-0.002426	-0.121431	-15.865293	
0.75000	-2.482863	-64.698775	-0.275701
-0.002426	-0.740102	-7.916946	
1.00000	-3.735790	-8.915637	-0.275701
-0.002426	-1.367810	-0.132891	
COMB CAR ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	4.308561	4.521864	0.557361
0.002258	1.201543	20.402376	
0.25000	3.536618	25.861150	0.557361
0.002258	0.591612	87.593138	
0.50000	2.676180	61.062922	0.557361
0.002258	0.048120	137.885794	
0.75000	1.536069	104.533214	0.557361
0.002258	0.326956	118.007974	
1.00000	0.278097	159.898844	0.557361
0.002258	0.640451	0.034921	
COMB CAR ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.186932	-165.883618	-0.275701
-0.002426	-0.602698	-121.937647	
0.25000	-0.728085	-136.493372	-0.275701
-0.002426	-0.303360	-30.688922	
0.50000	-1.627770	-84.987747	-0.275701
-0.002426	-0.121431	-20.454411	
0.75000	-2.738004	-58.179666	-0.275701
-0.002426	-0.740102	-10.219880	
1.00000	-4.149601	-9.057979	-0.275701
-0.002426	-1.367810	-0.132891	
COMB DESIGN ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	4.308561	4.521864	0.557361
0.002258	1.201543	20.402376	
0.25000	3.536618	25.861150	0.557361
0.002258	0.591612	87.593138	
0.50000	2.676180	61.062922	0.557361
0.002258	0.048120	137.885794	
0.75000	1.536069	104.533214	0.557361
0.002258	0.326956	118.007974	
1.00000	0.278097	159.898844	0.557361
0.002258	0.640451	0.034921	
COMB DESIGN ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.186932	-165.883618	-0.275701
-0.002426	-0.602698	-121.937647	
0.25000	-0.728085	-136.493372	-0.275701
-0.002426	-0.303360	-30.688922	
0.50000	-1.627770	-84.987747	-0.275701
-0.002426	-0.121431	-20.454411	
0.75000	-2.738004	-58.179666	-0.275701
-0.002426	-0.740102	-10.219880	
1.00000	-4.149601	-9.057979	-0.275701
-0.002426	-1.367810	-0.132891	
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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 223 ===== LENGTH = 1.200000			
COMB DB-G1-1 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	3.1667897	0.019269	0.465745
0.00000	0.558894	0.023068	
0.25000	3.1667897	0.019269	0.465745
0.00000	0.419170	0.017232	
0.50000	3.1667897	0.019269	0.465745
0.00000	0.279446	0.011496	
0.75000	3.1667897	0.019269	0.465745
0.00000	0.139723	0.005436	
1.00000	3.1667897	0.019269	0.465745
0.00000	0.00000	0.00000	
COMB DB-G1-1 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-500.888936	-0.016984	-0.528312
0.00000	-0.633974	-0.020289	
0.25000	-500.888936	-0.016984	-0.528312
0.00000	-0.475481	-0.015158	
0.50000	-500.888936	-0.016984	-0.528312
0.00000	-0.316987	-0.010083	
0.75000	-500.888936	-0.016984	-0.528312
0.00000	-0.158494	-0.004787	
1.00000	-500.888936	-0.016984	-0.528312
0.00000	0.00000	0.00000	
COMB DB-G1-2 ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	53.047796	0.052957	1.085474
0.00000	1.302569	0.063377	
0.25000	53.047796	0.052957	1.085474
0.00000	0.976927	0.047487	
0.50000	53.047796	0.052957	1.085474
0.00000	0.651285	0.031494	
COMB DB-G1-2 ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-174.608229	-0.039571	-1.45

.000000 1.083090 0.039194 1.805535
0.75000 -56.022185 0.067173
0.000000 0.541666 0.019414
1.00000 56.022185 0.067173 1.805535
0.00000 .000000 .000000
COMB DL-G2-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -197.132010 -0.065846 -1.845302
0.00000 -2.214366 -0.078787
0.25000 -197.132010 -0.065846 -1.845302
0.00000 -1.660719 -0.058785
0.50000 -197.132010 -0.065846 -1.845302
0.00000 -1.106892 -0.039008
0.75000 -197.132010 -0.065846 -1.845302
0.00000 -0.553446 -0.019914
1.00000 -197.132010 -0.065846 -1.845302
0.00000 .000000 .000000
COMB DL-G2-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 86.062167 0.091005 2.433993
0.00000 2.920686 0.107356
0.25000 86.062167 0.091005 2.433993
0.00000 2.190372 0.080827
0.50000 86.062167 0.091005 2.433993
0.00000 1.460229 0.053606
0.75000 86.062167 0.091005 2.433993
0.00000 0.730012 0.026665
1.00000 86.062167 0.091005 2.433993
0.00000 .000000 .000000
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COMB DL-G2-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -582.977555 -0.088774 -2.497688
0.00000 -2.997209 -0.106959
0.25000 -582.977555 -0.088774 -2.497688
0.00000 -2.247855 -0.079779
0.50000 -582.977555 -0.088774 -2.497688
0.00000 -1.498386 -0.053956
0.75000 -582.977555 -0.088774 -2.497688
0.00000 -0.749183 -0.027173
1.00000 -582.977555 -0.088774 -2.497688
0.00000 .000000 .000000
COMB DB ----- MAX
REL_DIST M2 P V2 V3
0.00000 60.667544 0.063298 1.596728
0.00000 1.916028 0.075742
0.25000 60.667544 0.063298 1.596728
0.00000 1.437021 0.056823
0.50000 60.667544 0.063298 1.596728
0.00000 0.958014 0.037871
0.75000 60.667544 0.063298 1.596728
0.00000 0.478989 0.018949
1.00000 60.667544 0.063298 1.596728
0.00000 .000000 .000000
COMB DB ----- MIN
REL_DIST M2 P V2 V3
0.00000 -764.608229 -0.058239 -1.735646
0.00000 -2.082773 -0.058239
0.25000 -764.608229 -0.058239 -1.735646
0.00000 -1.562080 -0.052217
0.50000 -764.608229 -0.058239 -1.735646
0.00000 -1.041386 -0.034863
0.75000 -764.608229 -0.058239 -1.735646
0.00000 -0.520671 -0.017169
1.00000 -764.608229 -0.058239 -1.735646
0.00000 .000000 .000000
COMB DL ----- MAX
REL_DIST M2 P V2 V3
0.00000 88.155830 0.091005 2.433993
0.00000 2.920686 0.107356
0.25000 88.155830 0.091005 2.433993
0.00000 2.190372 0.080827
0.50000 88.155830 0.091005 2.433993
0.00000 1.460229 0.053606
0.75000 88.155830 0.091005 2.433993
0.00000 0.730012 0.026665
1.00000 88.155830 0.091005 2.433993
0.00000 .000000 .000000
COMB DL ----- MIN
REL_DIST M2 P V2 V3
0.00000 -874.356564 -0.088774 -2.497688
0.00000 -2.997209 -0.106959
0.25000 -874.356564 -0.088774 -2.497688
0.00000 -2.247855 -0.079779
0.50000 -874.356564 -0.088774 -2.497688
0.00000 -1.498386 -0.053956
0.75000 -874.356564 -0.088774 -2.497688
0.00000 -0.749183 -0.027173
1.00000 -874.356564 -0.088774 -2.497688
0.00000 .000000 .000000
COMB CAR ----- MAX
REL_DIST M2 P V2 V3
0.00000 88.155830 0.091005 2.433993
0.00000 2.920686 0.107356
0.25000 88.155830 0.091005 2.433993
0.00000 2.190372 0.080827
0.50000 88.155830 0.091005 2.433993
0.00000 1.460229 0.053606
0.75000 88.155830 0.091005 2.433993
0.00000 0.730012 0.026665
1.00000 88.155830 0.091005 2.433993
0.00000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page 1335 LOAD >
FRAME ELEMENT INTERNAL FORCES
COMB CAR ----- MIN
REL_DIST M2 P V2 V3
0.00000 -874.356564 -0.088774 -2.497688
0.00000 -2.997209 -0.106959
0.25000 -874.356564 -0.088774 -2.497688

.000000 -2.247855 -0.079779
0.50000 -874.356564 -0.088774 -2.497688
0.00000 -1.498386 -0.053956
0.75000 -874.356564 -0.088774 -2.497688
0.00000 -0.749183 -0.027173
1.00000 -874.356564 -0.088774 -2.497688
0.00000 .000000 .000000
COMB DESIGN ----- MAX
REL_DIST M2 P V2 V3
0.00000 88.155830 0.091005 2.433993
0.00000 2.920686 0.107356
0.25000 88.155830 0.091005 2.433993
0.00000 2.190372 0.080827
0.50000 88.155830 0.091005 2.433993
0.00000 1.460229 0.053606
0.75000 88.155830 0.091005 2.433993
0.00000 0.730012 0.026665
1.00000 88.155830 0.091005 2.433993
0.00000 .000000 .000000
COMB DESIGN ----- MIN
REL_DIST M2 P V2 V3
0.00000 -874.356564 -0.088774 -2.497688
0.00000 -2.997209 -0.106959
0.25000 -874.356564 -0.088774 -2.497688
0.00000 -2.247855 -0.079779
0.50000 -874.356564 -0.088774 -2.497688
0.00000 -1.498386 -0.053956
0.75000 -874.356564 -0.088774 -2.497688
0.00000 -0.749183 -0.027173
1.00000 -874.356564 -0.088774 -2.497688
0.00000 .000000 .000000
ELEM 224 ===== LENGTH = 1.300000
COMB DB-G1-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 48.992435 0.021715 0.853499
0.00000 1.109549 0.028186
0.25000 48.992435 0.021715 0.853499
0.00000 0.832161 0.021016
0.50000 48.992435 0.021715 0.853499
0.00000 0.554774 0.013964
0.75000 48.992435 0.021715 0.853499
0.00000 0.277387 0.006663
1.00000 48.992435 0.021715 0.853499
0.00000 .000000 .000000
COMB DB-G1-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -536.969758 -0.015613 -1.187391
0.00000 1.543608 -0.020140
0.25000 -536.969758 -0.015613 -1.187391
0.00000 -1.577706 -0.015150
0.50000 -536.969758 -0.015613 -1.187391
0.00000 -0.771804 -0.010015
0.75000 -536.969758 -0.015613 -1.187391
0.00000 -0.385902 -0.004780
1.00000 -536.969758 -0.015613 -1.187391
0.00000 .000000 .000000
COMB DB-G1-2 ----- MAX
REL_DIST M2 P V2 V3
0.00000 85.348258 0.063153 3.164906
0.00000 4.114378 0.081914
0.25000 85.348258 0.063153 3.164906
0.00000 3.085783 0.061435
0.50000 85.348258 0.063153 3.164906
0.00000 2.057189 0.040789
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page 1336 LOAD >
FRAME ELEMENT INTERNAL FORCES
REL_DIST M2 P V2 V3
0.75000 85.348258 0.063153 3.164906
0.00000 1.028594 0.020186
1.00000 85.348258 0.063153 3.164906
0.00000 .000000 .000000
COMB DB-G1-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -822.878681 -0.057893 -3.452487
0.00000 -4.489234 -0.075117
0.25000 -822.878681 -0.057893 -3.452487
0.00000 -3.366175 -0.056214
0.50000 -822.878681 -0.057893 -3.452487
0.00000 -2.244117 -0.037291
0.75000 -822.878681 -0.057893 -3.452487
0.00000 -1.122958 -0.018592
1.00000 -822.878681 -0.057893 -3.452487
0.00000 .000000 .000000
COMB DB-G1-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 103.178763 0.077374 3.973285
0.00000 5.165271 0.100404
0.25000 103.178763 0.077374 3.973285
0.00000 3.873953 0.075241
0.50000 103.178763 0.077374 3.973285
0.00000 2.582636 0.049904
0.75000 103.178763 0.077374 3.973285
0.00000 1.291318 0.024688
1.00000 103.178763 0.077374 3.973285
0.00000 .000000 .000000
COMB DB-G1-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -821.142182 -0.072684 -4.229747
0.00000 -5.498672 -0.094331
0.25000 -821.142182 -0.072684 -4.229747
0.00000 -4.123997 -0.070581
0.50000 -821.142182 -0.072684 -4.229747
0.00000 -2.749332 -0.046862
0.75000 -821.142182 -0.072684 -4.229747
0.00000 -1.374666 -0.023376
1.00000 -821.142182 -0.072684 -4.229747
0.00000 .000000 .000000
COMB DB-G2-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 28.934091 0.014977 0.664257
0.00000 0.863534 0.019446
0.25000 28.934091 0.014977 0.664257
0.00000 0.647650 0.014532

0.50000 28.934091 0.014977 0.664257
0.00000 0.431767 0.009578
0.75000 28.934091 0.014977 0.664257
0.00000 0.215893 0.004903
1.00000 28.934091 0.014977 0.664257
0.00000 .000000 .000000
COMB DB-G2-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -38.193965 -0.012150 -0.818949
0.00000 -1.064634 -0.015686
0.25000 -38.193965 -0.012150 -0.818949
0.00000 -0.798475 -0.011752
0.50000 -38.193965 -0.012150 -0.818949
0.00000 -0.532317 -0.007754
0.75000 -38.193965 -0.012150 -0.818949
0.00000 -0.266158 -0.003644
1.00000 -38.193965 -0.012150 -0.818949
0.00000 .000000 .000000
COMB DB-G2-2 ----- MAX
REL_DIST M2 P V2 V3
0.00000 61.564915 0.060682 3.295108
0.00000 4.283640 0.078761
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page 1337 LOAD >
FRAME ELEMENT INTERNAL FORCES
REL_DIST M2 P V2 V3
0.25000 61.564915 0.060682 3.295108
0.00000 3.212730 0.059089
0.50000 61.564915 0.060682 3.295108
0.00000 2.141820 0.039289
0.75000 61.564915 0.060682 3.295108
0.00000 1.070910 0.019196
1.00000 61.564915 0.060682 3.295108
0.00000 .000000 .000000
COMB DB-G2-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -232.730114 -0.060273 -3.317209
0.00000 -4.312371 -0.078303
0.25000 -232.730114 -0.060273 -3.317209
0.00000 -3.234279 -0.058614
0.50000 -232.730114 -0.060273 -3.317209
0.00000 -2.156186 -0.038966
0.75000 -232.730114 -0.060273 -3.317209
0.00000 -1.078093 -0.019208
1.00000 -232.730114 -0.060273 -3.317209
0.00000 .000000 .000000
COMB DB-G2-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 94.159091 0.081986 4.574625
0.00000 5.947012 0.106427
0.25000 94.159091 0.081986 4.574625
0.00000 4.460255 0.079830
0.50000 94.159091 0.081986 4.574625
0.00000 2.973503 0.053086
0.75000 94.159091 0.081986 4.574625
0.00000 1.486752 0.026242
1.00000 94.159091 0.081986 4.574625
0.00000 .000000 .000000
COMB DB-G2-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -593.834955 -0.083680 -4.481813
0.00000 -5.826357 -0.108714
0.25000 -593.834955 -0.083680 -4.481813
0.00000 -0.434768 -0.081421
0.50000 -593.834955 -0.083680 -4.481813
0.00000 -2.913179 -0.054149
0.75000 -593.834955 -0.083680 -4.481813
0.00000 -1.456589 -0.027055
1.00000 -593.834955 -0.083680 -4.481813
0.00000 .000000 .000000
COMB DL-G1-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 67.782758 0.036127 1.349721
0.00000 1.754657 0.046341
0.25000 67.782758 0.036127 1.349721
0.00000 1.315993 0.034567
0.50000 67.782758 0.036127 1.349721
0.00000 0.877333 0.022790
0.75000 67.782758 0.036127 1.349721
0.00000 0.438680 0.011020
1.00000 67.782758 0.036127 1.349721
0.00000 .000000 .000000
COMB DL-G1-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -1221.952 -0.024659 -1.974694
0.00000 -2.567074 -0.031949
0.25000 -1221.952 -0.024659 -1.974694
0.00000 -1.925328 -0.023463
0.50000 -1221.952 -0.024659 -1.974694
0.00000 -1.283515 -0.015561
0.75000 -1221.952 -0.024659 -1.974694
0.00000 -0.641749 -0.007393
1.00000 -1221.952 -0.024659 -1.974694
0.00000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page 1338 LOAD >
FRAME ELEMENT INTERNAL FORCES
COMB DL-G1-2 ----- MAX
REL_DIST M2 P V2 V3
0.00000 118.406170 0.095154 4.783900
0.00000 6.219077 0.123835
0.25000 118.406170 0.095154 4.783900
0.00000 4.664325 0.092736
0.50000 118.406170 0.095154 4.783900
0.00000 3.109521 0.061960
0.75000 118.406170 0.095154 4.783900
0.00000 1.554824 0.030599
1.00000 118.406170 0.095154 4.783900
0.00000 .000000 .000000
COMB DL-G1-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -1887.267 -0.087546 -5.204608
0.00000 -6.765965 -0.113763
0.25000 -1887.267 -0.087546 -5.204608
0.00000 -5.074511 -0.085673
0.50000 -1887.267 -0.087546 -5.204608
0.00000 -3.382940 -0.056674
0.75000 -1887.267 -0.087546 -5.204608
0.00000 -1.691552 -0.028849
1.00000 -1887.267 -0.087546 -5.204608
0.00000 .000000 .000000
COMB DL-G1-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 142.142828 0.119427 6.204676
0.00000 8.066075 0.154937
0.25000 142.142828 0.119427 6.204676
0.00000 6.049561 0.115788
0.50000 142.142828 0.119427 6.204676
0.00000 4.033002 0.077457
0.75000 142.142828 0.119427 6.204676
0.00000 2.016534 0.037649
1.00000 142.142828 0.119427 6.204676
0.00000 .000000 .000000
COMB DL-G1-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -1891.585 -0.113530 -6.532553
0.00000 -8.492308 -0.146889
0.25000 -1891.585 -0.113530 -6.532553
0.00000 -6.369264 -0.109796
0.50000 -1891.585 -0.113530 -6.532553
0.00000 -4.246128 -0.072769
0.75000 -1891.585 -0.113530 -6.532553
0.00000 -2.123073 -0.036593
1.00000 -1891.585 -0.113530 -6.532553
0.00000 .000000 .000000
COMB DL-G2-1 ----- MAX
REL_DIST M2 P V2 V3
0.00000 43.648072 0.019740 0.939650
0.00000 1.221544 0.025322
0.25000 43.648072 0.019740 0.939650
0.00000 0.916158 0.018737
0.50000 43.648072 0.019740 0.939650
0.00000 0.610790 0.012683
0.75000 43.648072 0.019740 0.939650
0.00000 0.305404 0.006070
1.00000 43.648072 0.019740 0.939650
0.00000 .000000 .000000
COMB DL-G2-1 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -72.776613 -0.017169 -1.081975
0.00000 -1.408565 -0.014980
0.25000 -72.776613 -0.017169 -1.081975
0.00000 -1.054930 -0.016223
0.50000 -72.776613 -0.017169 -1.081975
0.00000 -0.703294 -0.010444
0.75000 -72.776613 -0.017169 -1.081975
0.00000 -0.351596 -0.004807
1.00000 -72.776613 -0.017169 -1.081975
0.00000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page 1339 LOAD >
FRAME ELEMENT INTERNAL FORCES
COMB DL-G2-2 ----- MAX
REL_DIST M2 P V2 V3
0.00000 84.679999 0.086799 4.867179
0.00000 6.129113 0.112924
0.25000 84.679999 0.086799 4.867179
0.00000 4.745482 0.084150
0.50000 84.679999 0.086799 4.867179
0.00000 3.163616 0.055994
0.75000 84.679999 0.086799 4.867179
0.00000 1.581729 0.027562
1.00000 84.679999 0.086799 4.867179
0.00000 .000000 .000000
COMB DL-G2-2 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -540.592077 -0.088996 -4.749545
0.00000 -6.174415 -0.115105
0.25000 -540.592077 -0.088996 -4.749545
0.00000 -4.630762 -0.086315
0.50000 -540.592077 -0.088996 -4.749545
0.00000 -3.087145 -0.057274
0.75000 -540.592077 -0.088996 -4.749545
0.00000 -1.545314 -0.029071
1.00000 -540.592077 -0.088996 -4.749545
0.00000 .000000 .000000
COMB DL-G2-3 ----- MAX
REL_DIST M2 P V2 V3
0.00000 129.786222 0.118804 6.518900
0.00000 8.474551 0.154025
0.25000 129.786222 0.118804 6.518900
0.00000 6.355907 0.115365
0.50000 129.786222 0.118804 6.518900
0.00000 4.237233 0.076712
0.75000 129.786222 0.118804 6.518900
0.00000 2.118527 0.038162
1.00000 129.786222 0.118804 6.518900
0.00000 .000000 .000000
COMB DL-G2-3 ----- MIN
REL_DIST M2 P V2 V3
0.00000 -1357.639 -0.119240 -6.499611
0.00000 -8.449494 -0.154556
0.25000 -1357.639 -0.119240 -6.499611
0.00000 -6.337036 -0.115943
0.50000 -1357.639 -0.119240 -6.499611
0.00000 -4.224692 -0.077446
0.75000 -1357.639 -0.119240 -6.499611

0.75000 103.178763 0.081986 4.574625
0.00000 1.486752 0.026242
1.00000 103.178763 0.081986 4.574625
0.00000 0.00000 0.00000
COMB DB----- MIN
REL_DIST P V2 V3
0.00000 -822.878681 -0.083680 -4.481813
0.00000 -5.826357 -0.108714
0.25000 -822.878681 -0.083680 -4.481813
0.00000 -4.369768 -0.081421
0.50000 -822.878681 -0.083680 -4.481813
0.00000 2.913179 -0.054149
0.75000 -822.878681 -0.083680 -4.481813
0.00000 -1.456589 -0.027055
1.00000 -822.878681 -0.083680 -4.481813
0.00000 0.00000 0.00000
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page LOAD >
1340
FRAME ELEMENT INTERNAL
FORCES
COMB DL----- MAX
REL_DIST P V2 V3
0.00000 142.142828 0.119427 6.518900
0.00000 8.474551 0.154937
0.25000 142.142828 0.119427 6.518900
0.00000 6.355907 0.115788
0.50000 142.142828 0.119427 6.518900
0.00000 4.237233 0.077457
0.75000 142.142828 0.119427 6.518900
0.00000 2.118527 0.038112
1.00000 142.142828 0.119427 6.518900
0.00000 0.00000 0.00000
COMB DL----- MIN
REL_DIST P V2 V3
0.00000 -1891.585 -0.119240 -6.532553
0.00000 -8.492308 -0.154556
0.25000 -1891.585 -0.119240 -6.532553
0.00000 -6.369264 -0.115943
0.50000 -1891.585 -0.119240 -6.532553
0.00000 -4.246128 -0.077446
0.75000 -1891.585 -0.119240 -6.532553
0.00000 -2.123073 -0.039567
1.00000 -1891.585 -0.119240 -6.532553
0.00000 0.00000 0.00000
COMB CAR----- MAX
REL_DIST P V2 V3
0.00000 142.142828 0.119427 6.518900
0.00000 8.474551 0.154937
0.25000 142.142828 0.119427 6.518900
0.00000 6.355907 0.115788
0.50000 142.142828 0.119427 6.518900
0.00000 4.237233 0.077457
0.75000 142.142828 0.119427 6.518900
0.00000 2.118527 0.038112
1.00000 142.142828 0.119427 6.518900
0.00000 0.00000 0.00000
COMB CAR----- MIN
REL_DIST P V2 V3
0.00000 -1891.585 -0.119240 -6.532553
0.00000 -8.492308 -0.154556
0.25000 -1891.585 -0.119240 -6.532553
0.00000 -6.369264 -0.115943
0.50000 -1891.585 -0.119240 -6.532553
0.00000 -4.246128 -0.077446
0.75000 -1891.585 -0.119240 -6.532553
0.00000 -2.123073 -0.039567
1.00000 -1891.585 -0.119240 -6.532553
0.00000 0.00000 0.00000
COMB DESIGN----- MAX
REL_DIST P V2 V3
0.00000 142.142828 0.119427 6.518900
0.00000 8.474551 0.154937
0.25000 142.142828 0.119427 6.518900
0.00000 6.355907 0.115788
0.50000 142.142828 0.119427 6.518900
0.00000 4.237233 0.077457
0.75000 142.142828 0.119427 6.518900
0.00000 2.118527 0.038112
1.00000 142.142828 0.119427 6.518900
0.00000 0.00000 0.00000
COMB DESIGN----- MIN
REL_DIST P V2 V3
0.00000 -1891.585 -0.119240 -6.532553
0.00000 -8.492308 -0.154556
0.25000 -1891.585 -0.119240 -6.532553
0.00000 -6.369264 -0.115943
0.50000 -1891.585 -0.119240 -6.532553
0.00000 -4.246128 -0.077446
0.75000 -1891.585 -0.119240 -6.532553
0.00000 -2.123073 -0.039567
1.00000 -1891.585 -0.119240 -6.532553
0.00000 0.00000 0.00000
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S403.OUT
< MOVING Page LOAD >
1341
FRAME ELEMENT INTERNAL
FORCES
ELEM 225 ===== LENGTH =
1.300000
COMB DB-G1-1----- MIN
REL_DIST P V2 V3
0.00000 59.729052 8.809348 1.120546
0.00000 1.456710 11.452152
0.25000 59.729052 8.809348 1.120546
0.00000 1.092533 8.589114
0.50000 59.729052 8.809348 1.120546
0.00000 0.728354 5.726076
0.75000 59.729052 8.809348 1.120546
0.00000 0.364172 2.863038
1.00000 59.729052 8.809348 1.120546
0.00000 0.00000 0.00000
COMB DB-G1-1----- MIN
REL_DIST P V2 V3
0.00000 -534.233048 -8.756459 -1.300054

0.00000 -1.690071 -11.383396
0.25000 -534.233048 -8.756459 -1.300054
0.00000 1.267553 -8.537547
0.50000 -534.233048 -8.756459 -1.300054
0.00000 -0.845035 -5.691698
0.75000 -534.233048 -8.756459 -1.300054
0.00000 -0.422518 -2.845849
1.00000 -534.233048 -8.756459 -1.300054
0.00000 0.00000 0.00000
COMB DB-G1-2----- MAX
REL_DIST P V2 V3
0.00000 105.037162 10.777641 4.387545
0.00000 5.703808 14.010934
0.25000 105.037162 10.777641 4.387545
0.00000 4.277856 10.508200
0.50000 105.037162 10.777641 4.387545
0.00000 2.851904 7.005467
0.75000 105.037162 10.777641 4.387545
0.00000 1.425952 3.502733
1.00000 105.037162 10.777641 4.387545
0.00000 0.00000 0.00000
COMB DB-G1-2----- MIN
REL_DIST P V2 V3
0.00000 -817.805278 -10.735073 -3.400074
0.00000 -4.420096 -13.955595
0.25000 -817.805278 -10.735073 -3.400074
0.00000 -3.315072 -10.466696
0.50000 -817.805278 -10.735073 -3.400074
0.00000 -2.210048 -6.977797
0.75000 -817.805278 -10.735073 -3.400074
0.00000 -1.105024 -3.488899
1.00000 -817.805278 -10.735073 -3.400074
0.00000 0.00000 0.00000
COMB DB-G1-3----- MAX
REL_DIST P V2 V3
0.00000 128.709993 15.239008 5.666631
0.00000 7.366621 19.810710
0.25000 128.709993 15.239008 5.666631
0.00000 5.524966 14.858032
0.50000 128.709993 15.239008 5.666631
0.00000 3.683310 9.905355
0.75000 128.709993 15.239008 5.666631
0.00000 1.841655 4.952636
1.00000 128.709993 15.239008 5.666631
0.00000 0.00000 0.00000
COMB DB-G1-3----- MIN
REL_DIST P V2 V3
0.00000 -804.497809 -15.219384 -4.270985
0.00000 -5.552280 -19.785199
0.25000 -804.497809 -15.219384 -4.270985
0.00000 -4.164210 -14.838899
0.50000 -804.497809 -15.219384 -4.270985
0.00000 -2.776140 -9.892599
0.75000 -804.497809 -15.219384 -4.270985
0.00000 0.00000 0.00000
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FRAME ELEMENT INTERNAL
FORCES
REL_DIST P V2 V3
0.75000 -804.497809 -15.219384 -4.270985
0.00000 -1.388070 -4.946255
1.00000 -804.497809 -15.219384 -4.270985
0.00000 0.00000 0.00000
COMB DB-G2-1----- MAX
REL_DIST P V2 V3
0.00000 37.997738 9.040449 1.283293
0.00000 1.668281 11.752564
0.25000 37.997738 9.040449 1.283293
0.00000 1.251210 8.814438
0.50000 37.997738 9.040449 1.283293
0.00000 0.834140 5.876292
0.75000 37.997738 9.040449 1.283293
0.00000 0.417070 2.938146
1.00000 37.997738 9.040449 1.283293
0.00000 0.00000 0.00000
COMB DB-G2-1----- MIN
REL_DIST P V2 V3
0.00000 -25.541114 -0.999584 -0.998168
0.00000 -1.297619 -11.829460
0.25000 -25.541114 -0.999584 -0.998168
0.00000 -0.970214 -8.672095
0.50000 -25.541114 -0.999584 -0.998168
0.00000 -0.648810 -5.914730
0.75000 -25.541114 -0.999584 -0.998168
0.00000 -0.324405 -2.957365
1.00000 -25.541114 -0.999584 -0.998168
0.00000 0.00000 0.00000
COMB DB-G2-2----- MAX
REL_DIST P V2 V3
0.00000 79.324151 11.078669 4.970722
0.00000 6.461938 14.402270
0.25000 79.324151 11.078669 4.970722
0.00000 4.846454 10.801702
0.50000 79.324151 11.078669 4.970722
0.00000 3.230969 7.201135
0.75000 79.324151 11.078669 4.970722
0.00000 1.615485 3.600567
1.00000 79.324151 11.078669 4.970722
0.00000 0.00000 0.00000
COMB DB-G2-2----- MIN
REL_DIST P V2 V3
0.00000 -212.177639 -11.145699 -3.463653
0.00000 -4.502749 -14.489409
0.25000 -212.177639 -11.145699 -3.463653
0.00000 -3.377062 -10.867057
0.50000 -212.177639 -11.145699 -3.463653
0.00000 -2.251375 -7.244704
0.75000 -212.177639 -11.145699 -3.463653
0.00000 -1.125687 -3.622352
1.00000 -212.177639 -11.145699 -3.463653
0.00000 0.00000 0.00000
COMB DB-G2-3----- MAX
REL_DIST P V2 V3
0.00000 118.884410 15.327167 6.654656
0.00000 8.651053 19.925317
0.25000 118.884410 15.327167 6.654656
0.00000 6.488290 14.943988
0.50000 118.884410 15.327167 6.654656

0.00000 4.325524 9.962658
0.75000 118.884410 15.327167 6.654656
0.00000 2.162762 4.981289
0.00000 118.884410 15.327167 6.654656
0.00000 0.00000 0.00000
COMB DB-G2-3----- MIN
REL_DIST P V2 V3
0.00000 -573.820491 -15.377064 -4.596179
0.00000 -5.975032 -19.990183
0.25000 -573.820491 -15.377064 -4.596179
0.00000 -4.985092 -14.598384
0.50000 -573.820491 -15.377064 -4.596179
0.00000 -2.987516 -9.995092
0.75000 -573.820491 -15.377064 -4.596179
0.00000 -1.493758 -4.997519
1.00000 -573.820491 -15.377064 -4.596179
0.00000 0.00000 0.00000
FRAME ELEMENT INTERNAL
FORCES
REL_DIST P V2 V3
0.25000 -573.820491 -15.377064 -4.596179
0.00000 -4.481274 -14.992637
0.50000 -573.820491 -15.377064 -4.596179
0.75000 -573.820491 -15.377064 -4.596179
0.00000 -1.493758 -4.997519
1.00000 -573.820491 -15.377064 -4.596179
0.00000 0.00000 0.00000
COMB DL-G1-1----- MAX
REL_DIST P V2 V3
0.00000 148.345269 11.686780 2.380184
0.00000 3.094231 15.192814
0.25000 148.345269 11.686780 2.380184
0.00000 2.320678 11.394611
0.50000 148.345269 11.686780 2.380184
0.00000 1.547145 7.596407
0.75000 148.345269 11.686780 2.380184
0.00000 0.773522 3.798203
1.00000 148.345269 11.686780 2.380184
0.00000 0.00000 0.00000
COMB DL-G1-1----- MIN
REL_DIST P V2 V3
0.00000 -1149.894 -11.656129 -1.934960
0.00000 -2.515449 -15.152967
0.25000 -1149.894 -11.656129 -1.934960
0.00000 -1.886588 -11.364725
0.50000 -1149.894 -11.656129 -1.934960
0.00000 -1.257740 -7.576484
0.75000 -1149.894 -11.656129 -1.934960
0.00000 -0.628883 -3.788242
1.00000 -1149.894 -11.656129 -1.934960
0.00000 0.00000 0.00000
COMB DL-G1-2----- MAX
REL_DIST P V2 V3
0.00000 261.023167 14.186282 6.767398
0.00000 8.797594 18.442182
0.25000 261.023167 14.186282 6.767398
0.00000 6.598187 13.831650
0.50000 261.023167 14.186282 6.767398
0.00000 4.398818 9.221137
0.75000 261.023167 14.186282 6.767398
0.00000 2.199400 4.610605
1.00000 261.023167 14.186282 6.767398
0.00000 0.00000 0.00000
COMB DL-G1-2----- MIN
REL_DIST P V2 V3
0.00000 -1773.260 -14.219319 -6.056674
0.00000 -7.873688 -18.485129
0.25000 -1773.260 -14.219319 -6.056674
0.00000 -5.905271 -13.863866
0.50000 -1773.260 -14.219319 -6.056674
0.00000 -3.936847 -9.242599
0.75000 -1773.260 -14.219319 -6.056674
0.00000 -1.968444 -4.621343
1.00000 -1773.260 -14.219319 -6.056674
0.00000 0.00000 0.00000
COMB DL-G1-3----- MAX
REL_DIST P V2 V3
0.00000 316.758631 20.065864 8.889100
0.00000 11.558909 26.005639
0.25000 316.758631 20.065864 8.889100
0.00000 8.666859 19.564243
0.50000 316.758631 20.065864 8.889100
0.00000 5.777925 13.042865
0.75000 316.758631 20.065864 8.889100
0.00000 2.889244 6.521471
1.00000 316.758631 20.065864 8.889100
0.00000 0.00000 0.00000
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FRAME ELEMENT INTERNAL
FORCES
COMB DL-G1-3----- MIN
REL_DIST P V2 V3
0.00000 -1769.245 -20.089531 -8.051170
0.00000 -10.466519 -26.116404
0.25000 -1769.245 -20.089531 -8.051170
0.00000 -7.849884 -19.587322
0.50000 -1769.245 -20.089531 -8.051170
0.00000 -5.232449 -13.058237
0.75000 -1769.245 -20.089531 -8.051170
0.00000 -2.816675 -6.539124
1.00000 -1769.245 -20.089531 -8.051170
0.00000 0.00000 0.00000
COMB DL-G2-1----- MAX
REL_DIST P V2 V3
0.00000 94.747475 11.945379 2.096865
0.00000 2.725934 15.528992
0.25000 94.747475 11.945379 2.096865
0.00000 2.044665 11.646744
0.50000 94.747475 11.945379 2.096865
0.00000 1.362969 7.764496
0.75000 94.747475 11.945379 2.096865
0.00000 0.681501 3.882248
1.00000 94.747475 11.945379 2.096865
0.00000 0.00000 0.00000
COMB DL-G2-1----- MIN
REL_DIST P V2 V3
0.00000 -1773.260 -14.219319 -6.056674
0.00000 -7.873688 -18.485129
0.25000 -1773.260 -14.219319 -6.056674
0.00000 -5.905271 -13.863866
0.50000 -1773.260 -14.219319 -6.056674
0.00000 -3.936847 -9.242599
0.75000 -1773.260 -14.219319 -6.056674
0.00000 -1.968444 -4.621343
1.00000 -1773.260 -14.219319 -6.056674
0.00000 0.00000 0.00000
COMB DL-G2-2----- MAX
REL_DIST P V2 V3
0.00000 193.661859 14.500308 7.168592
0.00000 9.319155 18.850415
0.25000 193.661859 14.500308 7.168592
0.00000 6.983636 14.137825
0.50000 193.661859 14.500308 7.168592
0.00000 4.659569 9.425253
0.75000 193.661859 14.500308 7.168592
0.00000 2.329762 4.712665
1.00000 193.661859 14.500308 7.168592
0.00000 0.00000 0.00000
COMB DL-G2-2----- MIN
REL_DIST P V2 V3
0.00000 -493.076046 -14.598384 -6.568939
0.00000 -8.539603 -18.977912
0.25000 -493.076046 -14.598384 -6.568939
0.00000 -6.404721 -14.239616
0.50000 -493.076046 -14.598384 -6.568939
0.00000 -4.269781 -9.488991
0.75000 -493.076046 -14.598384 -6.568939
0.00000 -2.134877 -4.744538
1.00000 -493.076046 -14.598384 -6.568939
0.00000 0.00000 0.00000
COMB DL-G2-3----- MAX
REL_DIST P V2 V3
0.00000 291.958597 20.159725 9.428517
0.00000 12.257075 26.207657
0.25000 291.958597 20.159725 9.428517
0.00000 9.192806 19.655756
0.50000 291.958597 20.159725 9.428517
0.00000 6.128530 13.103874
0.75000 291.958597 20.159725 9.428517
0.00000 3.064228 6.551990
1.00000 291.958597 20.159725 9.428517
0.00000 0.00000 0.00000
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FRAME ELEMENT INTERNAL
FORCES
COMB DL-G2-3----- MIN
REL_DIST P V2 V3
0.00000 -1262.747 -20.310617 -8.476506
0.00000 -11.019448 -26.403815
0.25000 -1262.747 -20.310617 -8.476506
0.00000 -8.264603 -19.802881
0.50000 -1262.747 -20.310617 -8.476506
0.00000 -5.509747 -13.201943
0.75000 -1262.747 -20.310617 -8.476506
0.00000 -2.754855 -6.600988
1.00000 -1262.747 -20.310617 -8.476506
0.00000 0.00000 0.00000
COMB DB----- MAX
REL_DIST P V2 V3
0.00000 128.709993 15.327167 6.654656
0.00000 8.651053 19.925317
0.25000 128.709993 15.327167 6.654656
0.00000 6.488290 14.943988
0.50000 128.709993 15.327167 6.654656
0.00000 4.325524 9.962658
0.75000 128.709993 15.327167 6.654656
0.00000 2.162762 4.981289
1.00000 128.709993 15.327167 6.654656
0.00000 0.00000 0.00000
COMB DB----- MIN
REL_DIST P V2 V3
0.00000 -817.805278 -15.377064 -4.596179
0.00000 -5.975032 -19.990183
0.25000 -817.805278 -15.377064 -4.596179
0.00000 -4.985092 -14.598384
0.50000 -817.805278 -15.377064 -4.596179
0.00000 -2.987516 -9.995092
0.75000 -817.805278 -15.377064 -4.596179
0.00000 -1.493758 -4.997519
1.00000 -817.805278 -15.377064 -4.596179
0.00000 0.00000 0.00000
COMB DL----- MAX
REL_DIST P V2 V3
0.00000 316.758631 20.159725 9.428517
0.00000 12.257075 26.207657
0.25000 316.758631 20.159725 9.428517
0.00000 9.192806 19.655756
0.50000 316.758631 20.159725 9.

.000000	3.064228	6.551990		
1.00000	316.758631	20.159725	9.428517	
.000000	.000000	.000000		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 CAR ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-1773.260	-20.310617	-8.476506	
.000000	-11.019448	-26.403815		
0.25000	-1773.260	-20.310617	-8.476506	
.000000	-8.264803	-19.502881		
0.50000	-1773.260	-20.310617	-8.476506	
.000000	-5.509747	-13.201943		
0.75000	-1773.260	-20.310617	-8.476506	
.000000	-2.754855	-6.600988		
1.00000	-1773.260	-20.310617	-8.476506	
.000000	.000000	.000000		
COMB DESIGN ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	316.758631	20.159725	9.428517	
.000000	12.257075	26.207657		
0.25000	316.758631	20.159725	9.428517	
.000000	9.192806	19.655756		
0.50000	316.758631	20.159725	9.428517	
.000000	6.128530	13.103874		
0.75000	316.758631	20.159725	9.428517	
.000000	3.064228	6.551990		
1.00000	316.758631	20.159725	9.428517	
.000000	.000000	.000000		
COMB DESIGN ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-1773.260	-20.310617	-8.476506	
.000000	-11.019448	-26.403815		
0.25000	-1773.260	-20.310617	-8.476506	
.000000	-8.264803	-19.502881		
0.50000	-1773.260	-20.310617	-8.476506	
.000000	-5.509747	-13.201943		
0.75000	-1773.260	-20.310617	-8.476506	
.000000	-2.754855	-6.600988		
1.00000	-1773.260	-20.310617	-8.476506	
.000000	.000000	.000000		
ELEM 226 ===== LENGTH = 1.300000				
COMB DB-G1-1 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	48.914167	0.016728	0.910924	
.000000	1.84201	0.021703		
0.25000	48.914167	0.016728	0.910924	
.000000	0.888151	0.016228		
0.50000	48.914167	0.016728	0.910924	
.000000	0.592101	0.010675		
0.75000	48.914167	0.016728	0.910924	
.000000	0.296050	0.005153		
1.00000	48.914167	0.016728	0.910924	
.000000	.000000	.000000		
COMB DB-G1-1 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-536.966605	-0.012795	-0.696121	
.000000	-0.904957	-0.016536		
0.25000	-536.966605	-0.012795	-0.696121	
.000000	-0.678718	-0.012326		
0.50000	-536.966605	-0.012795	-0.696121	
.000000	-0.452478	-0.008139		
0.75000	-536.966605	-0.012795	-0.696121	
.000000	-0.226239	-0.003934		
1.00000	-536.966605	-0.012795	-0.696121	
.000000	.000000	.000000		
COMB DB-G1-2 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	85.287269	0.058903	3.204887	
.000000	4.166353	0.076467		
0.25000	85.287269	0.058903	3.204887	
.000000	3.124784	0.057218		
0.50000	85.287269	0.058903	3.204887	
.000000	2.083176	0.037992		
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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	M2	P	V2	V3
T	M2	M3		
0.75000	85.287269	0.058903	3.204887	
.000000	1.041588	0.018891		
1.00000	85.287269	0.058903	3.204887	
.000000	.000000	.000000		
COMB DB-G1-2 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-822.859255	-0.051023	-2.776182	
.000000	-3.609037	-0.066197		
0.25000	-822.859255	-0.051023	-2.776182	
.000000	-2.706778	-0.049657		
0.50000	-822.859255	-0.051023	-2.776182	
.000000	-1.804518	-0.032859		
0.75000	-822.859255	-0.051023	-2.776182	
.000000	-0.902259	-0.016361		
1.00000	-822.859255	-0.051023	-2.776182	
.000000	.000000	.000000		
COMB DB-G1-3 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	103.224479	0.078728	4.283410	
.000000	5.568433	0.102132		
0.25000	103.224479	0.078728	4.283410	
.000000	4.176325	0.076453		
0.50000	103.224479	0.078728	4.283410	
.000000	2.784216	0.050729		
0.75000	103.224479	0.078728	4.283410	
.000000	1.392108	0.025244		
1.00000	103.224479	0.078728	4.283410	
.000000	.000000	.000000		
COMB DB-G1-3 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-822.859255	-0.051023	-2.776182	
.000000	-3.609037	-0.066197		
0.25000	-822.859255	-0.051023	-2.776182	
.000000	-2.706778	-0.049657		
0.50000	-822.859255	-0.051023	-2.776182	
.000000	-1.804518	-0.032859		
0.75000	-822.859255	-0.051023	-2.776182	
.000000	-0.902259	-0.016361		
1.00000	-822.859255	-0.051023	-2.776182	
.000000	.000000	.000000		

T	M2	M3		
0.00000	-820.981750	-0.068551	-3.729726	
.000000	-4.848643	-0.088935		
0.25000	-820.981750	-0.068551	-3.729726	
.000000	-3.636482	-0.066617		
0.50000	-820.981750	-0.068551	-3.729726	
.000000	-2.424322	-0.044154		
0.75000	-820.981750	-0.068551	-3.729726	
.000000	-1.212151	-0.021815		
1.00000	-820.981750	-0.068551	-3.729726	
.000000	.000000	.000000		
COMB DB-G2-1 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	29.088799	0.022060	1.200185	
.000000	1.560240	0.028632		
0.25000	29.088799	0.022060	1.200185	
.000000	1.170180	0.021415		
0.50000	29.088799	0.022060	1.200185	
.000000	0.789120	0.014249		
0.75000	29.088799	0.022060	1.200185	
.000000	0.390060	0.006889		
1.00000	29.088799	0.022060	1.200185	
.000000	.000000	.000000		
COMB DB-G2-1 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-37.940392	-0.017440	-0.948858	
.000000	-1.233516	-0.022565		
0.25000	-37.940392	-0.017440	-0.948858	
.000000	-0.925137	-0.016901		
0.50000	-37.940392	-0.017440	-0.948858	
.000000	-0.616758	-0.011179		
0.75000	-37.940392	-0.017440	-0.948858	
.000000	-0.306379	-0.005425		
1.00000	-37.940392	-0.017440	-0.948858	
.000000	.000000	.000000		
COMB DB-G2-2 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	61.775245	0.072028	3.918722	
.000000	5.094339	0.093569		
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COMB CAR ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.25000	61.775245	0.072028	3.918722	
.000000	3.820754	0.070073		
0.50000	61.775245	0.072028	3.918722	
.000000	2.547169	0.046586		
0.75000	61.775245	0.072028	3.918722	
.000000	1.273585	0.023102		
1.00000	61.775245	0.072028	3.918722	
.000000	.000000	.000000		
COMB DB-G2-2 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-232.412882	-0.063791	-3.470896	
.000000	-4.512165	-0.082883		
0.25000	-232.412882	-0.063791	-3.470896	
.000000	-3.384124	-0.062142		
0.50000	-232.412882	-0.063791	-3.470896	
.000000	-2.256083	-0.041180		
0.75000	-232.412882	-0.063791	-3.470896	
.000000	-1.128041	-0.020334		
1.00000	-232.412882	-0.063791	-3.470896	
.000000	.000000	.000000		
COMB DB-G2-3 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	94.313519	0.093910	5.109247	
.000000	6.642021	0.121975		
0.25000	94.313519	0.093910	5.109247	
.000000	4.981516	0.091376		
0.50000	94.313519	0.093910	5.109247	
.000000	3.321010	0.060892		
0.75000	94.313519	0.093910	5.109247	
.000000	1.660505	0.030327		
1.00000	94.313519	0.093910	5.109247	
.000000	.000000	.000000		
COMB DB-G2-3 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-593.554759	-0.084786	-4.613703	
.000000	-5.997814	-0.110156		
0.25000	-593.554759	-0.084786	-4.613703	
.000000	-4.498360	-0.082556		
0.50000	-593.554759	-0.084786	-4.613703	
.000000	-2.998907	-0.054905		
0.75000	-593.554759	-0.084786	-4.613703	
.000000	-1.499453	-0.027347		
1.00000	-593.554759	-0.084786	-4.613703	
.000000	.000000	.000000		
COMB DL-G1-1 ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	67.668342	0.025101	1.366149	
.000000	1.775999	0.032892		
0.25000	67.668342	0.025101	1.366149	
.000000	1.331991	0.024366		
0.50000	67.668342	0.025101	1.366149	
.000000	0.888006	0.016020		
0.75000	67.668342	0.025101	1.366149	
.000000	0.440411	0.007732		
1.00000	67.668342	0.025101	1.366149	
.000000	.000000	.000000		
COMB DL-G1-1 ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-1221.840	-0.030579	-1.668557	
.000000	-2.169088	-0.038655		
0.25000	-1221.840	-0.030579	-1.668557	
.000000	-1.098364	-0.028756		
0.50000	-1221.840	-0.030579	-1.668557	
.000000	-1.084525	-0.018376		
0.75000	-1221.840	-0.030579	-1.668557	
.000000	-0.542181	-0.008861		
1.00000	-1221.840	-0.030579	-1.668557	
.000000	.000000	.000000		
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COMB DB-G1-1 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
0.00000	31.620655		0.008422		0.230338
.000000	0.276406	0.009847			
0.25000	31.620655		0.008422		0.230338
.000000	0.207304	0.007180			
0.50000	31.620655		0.008422		0.230338
.000000	0.138203	0.004785			
0.75000	31.620655		0.008422		0.230338
.000000	0.069101	0.002389			
1.00000	31.620655		0.008422		0.230338
.000000	.000000	.000000			

COMB DB-G1-1 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
0.00000	-500.885012		-0.012257		-0.335220
.000000	-0.402262	-0.014663			
0.25000	-500.885012		-0.012257		-0.335220
.000000	-0.301697	-0.010971			
0.50000	-500.885012		-0.012257		-0.335220
.000000	-0.201131	-0.006886			
0.75000	-500.885012		-0.012257		-0.335220
.000000	-0.100565	-0.003456			
1.00000	-500.885012		-0.012257		-0.335220
.000000	.000000	.000000			

COMB DB-G1-2 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
0.00000	53.012611		0.031676		0.866623
.000000	1.039948	0.037962			
0.25000	53.012611		0.031676		0.866623
.000000	0.779961	0.028403			
0.50000	53.012611		0.031676		0.866623
.000000	0.519744	0.018928			
0.75000	53.012611		0.031676		0.866623
.000000	0.259972	0.009455			
1.00000	53.012611		0.031676		0.866623
.000000	.000000	.000000			

COMB DB-G1-2 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
0.00000	-764.633001		-0.044189		-1.208626
.000000	-1.450331	-0.052037			
0.25000	-764.633001		-0.044189		-1.208626
.000000	-1.087764	-0.039385			
0.50000	-764.633001		-0.044189		-1.208626
.000000	-0.725176	-0.026124			
0.75000	-764.633001		-0.044189		-1.208626
.000000	-0.362588	-0.013019			
1.00000	-764.633001		-0.044189		-1.208626
.000000	.000000	.000000			

COMB DB-G1-3 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
0.00000	60.690299		0.044432		1.215787
.000000	1.458931	0.053189			
0.25000	60.690299		0.044432		1.215787
.000000	1.094198	0.039861			
0.50000	60.690299		0.044432		1.215787
.000000	0.729465	0.026457			
0.75000	60.690299		0.044432		1.215787
.000000	0.364716	0.013017			
1.00000	60.690299		0.044432		1.215787
.000000	.000000	.000000			

COMB DB-G1-3 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
0.00000	-744.791394		-0.057940		-1.584704
.000000	-1.901645	-0.089278			
0.25000	-744.791394		-0.057940		-1.584704
.000000	-1.426234	-0.051669			
0.50000	-744.791394		-0.057940		-1.584704
.000000	-0.950822	-0.034213			
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COMB DB-G2-1 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
0.00000	21.601590		0.016209		0.443322
.000000	0.531986	0.019262			
0.25000	21.601590		0.016209		0.443322
.000000	0.398990	0.014503			
0.50000	21.601590		0.016209		0.443322
.000000	0.265993	0.009532			
0.75000	21.601590		0.016209		0.443322
.000000	0.132996	0.004635			
1.00000	21.601590		0.016209		0.443322
.000000	.000000	.000000			

COMB DB-G2-1 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
0.00000	-11.003857		-0.012111		-0.331229
.000000	-0.397475	-0.014426			
0.25000	-11.003857		-0.012111		-0.331229
.000000	-0.298106	-0.010832			
0.50000	-11.003857		-0.012111		-0.331229
.000000	-0.198737	-0.007089			
0.75000	-11.003857		-0.012111		-0.331229
.000000	-0.093889	-0.003259			
1.00000	-11.003857		-0.012111		-0.331229
.000000	.000000	.000000			

COMB DB-G2-2 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
0.00000	31.184221		0.042595		1.165063
.000000	1.398075	0.050977			
0.25000	31.184221		0.042595		1.165063
.000000	1.048110	0.038110			
0.50000	31.184221		0.042595		1.165063
.000000	0.699038	0.025468			
0.75000	31.184221		0.042595		1.165063
.000000	0.349519	0.012384			
1.00000	31.184221		0.042595		1.165063
.000000	.000000	.000000			

COMB DB-G2-2 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
0.00000	-847.318546		-0.075338		-2.062167
.000000	-1.858648	-0.067078			
0.25000	-847.318546		-0.075338		-2.062167
.000000	-1.234719	-0.090165			
0.50000	-847.318546		-0.075338		-2.062167
.000000	-0.618688	-0.021740			
0.75000	-847.318546		-0.075338		-2.062167
.000000	-0.161574	-0.004995			
1.00000	-847.318546		-0.075338		-2.062167
.000000	.000000	.000000			

COMB DL-G2-1 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
0.00000	52.446551		0.054813		1.499237
.000000	1.799047	0.065602			
0.25000	52.446551		0.054813		1.499237
.000000	1.349285	0.049111			
0.50000	52.446551		0.054813		1.499237
.000000	0.899524	0.032715			
0.75000	52.446551		0.054813		1.499237
.000000	0.449762	0.016085			
1.00000	52.446551		0.054813		1.499237
.000000	.000000	.000000			

COMB DL-G2-1 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
0.00000	-511.208878		-0.067076		-1.834830
.000000	-2.201796	-0.080392			
0.25000	-511.208878		-0.067076		-1.834830
.000000	-1.601848	-0.058231			
0.50000	-511.208878		-0.067076		-1.834830
.000000	-1.068307	-0.038678			
0.75000	-511.208878		-0.067076		-1.834830
.000000	-0.533822	-0.019088			
1.00000	-511.208878		-0.067076		-1.834830
.000000	.000000	.000000			

COMB DL-G2-2 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
0.00000	56.133550		0.067340		1.841008
.000000	2.209161	0.080895			
0.25000	56.133550		0.067340		1.841008
.000000	1.658558	0.060434			
0.50000	56.133550		0.067340		1.841008
.000000	1.046063	0.040050			
0.75000	56.133550		0.067340		1.841008
.000000	0.552363	0.019926			
1.00000	56.133550		0.067340		1.841008
.000000	.000000	.000000			

COMB DL-G2-2 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
0.00000	-197.261085		-0.064995		-1.779923
.000000	-2.130599	-0.077974			
0.25000	-197.261085		-0.064995		-1.779923
.000000	-1.601848	-0.058231			
0.50000	-197.261085		-0.064995		-1.779923
.000000	-1.068307	-0.038678			
0.75000	-197.261085		-0.064995		-1.779923
.000000	-0.533822	-0.019088			
1.00000	-197.261085		-0.064995		-1.779923
.000000	.000000	.000000			

COMB DL-G2-3 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
0.00000	86.172180		0.084367		2.306474
.000000	2.767758	0.101237			
0.25000	86.172180		0.084367		2.306474
.000000	2.075799	0.076199			
0.50000	86.172180		0.084367		2.306474
.000000	1.383822	0.050500			
0.75000	86.172180		0.084367		2.306474
.000000	0.692027	0.025529			
1.00000	86.172180		0.084367		2.306474
.000000	.000000	.000000			

COMB DL-G2-3 ----- MIN					
REL_DIST	M2	P	M3	V2	V3
0.00000	-874.351545		-0.084401		-2.309226
.000000	-2.078163	-0.075799			
0.25000	-874.351545		-0.084401		-2.309226
.000000	-1.385842	-0.050476			
0.50000	-874.351545		-0.084401		-2.309226
.000000	-0.692788	-0.025062			
0.75000	-874.351545		-0.084401		-2.309226
.000000	-0.161574	-0.004995			
1.00000	-874.351545		-0.084401		-2.309226
.000000	.000000	.000000			

COMB DL-G1-1 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
0.00000	45.596141		0.017847		0.491321
.000000	0.589494	0.021914			
0.25000	45.596141		0.017847		0.491321
.000000	0.441966	0.015966			
0.50000	45.596141		0.017847		0.491321
.000000	0.294526	0.010677			
0.75000	45.596141		0.017847		0.491321
.000000	0.146730	0.004800			
1.00000	45.596141		0.017847		0.491321
.000000	.000000	.000000			

COMB DL-G1-2 ----- MAX					
REL_DIST	M2	P	M3	V2	V3
0.00000	77.177858		0.054651		1.

[illegible]

[illegible]


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1.00000 -800.556626 -15.286344 -0.000487
.000000 .000000 .000000
COMB DL-G1-1 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 92.150639 11.625131 0.000327
.000000 0.000297 15.1126719
0.25000 92.625131 11.625131 0.000327
.000000 0.000177 11.334503
0.50000 92.150639 11.625131 0.000327
.000000 .000000 7.556335
0.75000 92.150639 11.625131 0.000327
.000000 .000000 3.778168
1.00000 92.150639 11.625131 0.000327
.000000 .000000 .000000
COMB DL-G1-1 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -53.409879 -11.655706 -0.000325
.000000 -0.000295 -15.152418
0.25000 -53.409879 -11.655706 -0.000325
.000000 -0.000170 -11.364314
0.50000 -53.409879 -11.655706 -0.000325
.000000 .000000 -7.572099
0.75000 -53.409879 -11.655706 -0.000325
.000000 .000000 -3.788104
1.00000 -53.409879 -11.655706 -0.000325
.000000 .000000 .000000
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FRAME ELEMENT INTERNAL
FORCES
COMB DL-G1-2 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 188.900889 14.181525 0.000377
.000000 0.000331 18.435996
0.25000 188.900889 14.181525 0.000377
.000000 0.000182 13.827016
0.50000 188.900889 14.181525 0.000377
.000000 .000000 9.218033
0.75000 188.900889 14.181525 0.000377
.000000 .000000 4.609059
1.00000 188.900889 14.181525 0.000377
.000000 .000000 .000000
COMB DL-G1-2 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -484.019385 -14.148552 -0.000375
.000000 -0.000041 -18.931132
0.25000 -484.019385 -14.148552 -0.000375
.000000 -0.000181 -13.794863
0.50000 -484.019385 -14.148552 -0.000375
.000000 .000000 -9.196612
0.75000 -484.019385 -14.148552 -0.000375
.000000 .000000 -4.593444
1.00000 -484.019385 -14.148552 -0.000375
.000000 .000000 .000000
COMB DL-G1-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 288.505371 20.036133 0.000538
.000000 0.000457 26.046987
0.25000 288.505371 20.036133 0.000538
.000000 0.000163 19.535259
0.50000 288.505371 20.036133 0.000538
.000000 .000000 13.023528
0.75000 288.505371 20.036133 0.000538
.000000 .000000 6.511770
1.00000 288.505371 20.036133 0.000538
.000000 .000000 .000000
COMB DL-G1-3 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -1255.555 -20.012474 -0.000537
.000000 -0.000461 -26.016231
0.25000 -1255.555 -20.012474 -0.000537
.000000 -0.000162 -19.512187
0.50000 -1255.555 -20.012474 -0.000537
.000000 .000000 -13.008161
0.75000 -1255.555 -20.012474 -0.000537
.000000 .000000 -6.504119
1.00000 -1255.555 -20.012474 -0.000537
.000000 .000000 .000000
COMB DL-G2-1 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 150.849722 12.006270 0.000337
.000000 0.000311 15.608151
0.25000 150.849722 12.006270 0.000337
.000000 0.000187 11.706113
0.50000 150.849722 12.006270 0.000337
.000000 .000000 7.804075
0.75000 150.849722 12.006270 0.000337
.000000 .000000 3.902038
1.00000 150.849722 12.006270 0.000337
.000000 .000000 .000000
COMB DL-G2-1 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -1153.285 -11.913578 -0.000339
.000000 -0.000313 -15.487652
0.25000 -1153.285 -11.913578 -0.000339
.000000 -0.000189 -11.615739
0.50000 -1153.285 -11.913578 -0.000339
.000000 .000000 -7.743826
0.75000 -1153.285 -11.913578 -0.000339
.000000 .000000 -3.871913
1.00000 -1153.285 -11.913578 -0.000339
.000000 .000000 .000000
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< MOVING 1372 LOAD >
FRAME ELEMENT INTERNAL
FORCES
COMB DL-G2-2 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 262.440966 14.559571 0.000395
.000000 0.000341 18.927456
0.25000 262.440966 14.559571 0.000395
.000000 0.000201 14.195611
0.50000 262.440966 14.559571 0.000395
.000000 .000000 9.463763
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0.75000 262.440966 14.559571 0.000395
.000000 .000000 4.731924
1.00000 262.440966 14.559571 0.000395
.000000 .000000 .000000
COMB DL-G2-2 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -1773.744 -14.461701 -0.000397
.000000 -0.000352 -18.800226
0.25000 -1773.744 -14.461701 -0.000397
.000000 -0.000202 -14.100183
0.50000 -1773.744 -14.461701 -0.000397
.000000 .000000 -9.400159
0.75000 -1773.744 -14.461701 -0.000397
.000000 .000000 -4.700117
1.00000 -1773.744 -14.461701 -0.000397
.000000 .000000 .000000
COMB DL-G2-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 315.701879 20.256629 0.000548
.000000 0.000459 26.333631
0.25000 315.701879 20.256629 0.000548
.000000 0.000180 19.750242
0.50000 315.701879 20.256629 0.000548
.000000 .000000 13.166850
0.75000 315.701879 20.256629 0.000548
.000000 .000000 6.583442
1.00000 315.701879 20.256629 0.000548
.000000 .000000 .000000
COMB DL-G2-3 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -1765.315 -20.106051 -0.000549
.000000 -0.000461 -26.137881
0.25000 -1765.315 -20.106051 -0.000549
.000000 -0.000181 -19.603424
0.50000 -1765.315 -20.106051 -0.000549
.000000 .000000 -13.068986
0.75000 -1765.315 -20.106051 -0.000549
.000000 .000000 -6.534545
1.00000 -1765.315 -20.106051 -0.000549
.000000 .000000 .000000
COMB DB ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 128.227205 15.336269 0.000486
.000000 0.000549 19.937150
0.25000 128.227205 15.336269 0.000486
.000000 0.000244 14.952863
0.50000 128.227205 15.336269 0.000486
.000000 .000000 9.968575
0.75000 128.227205 15.336269 0.000486
.000000 .000000 4.984261
1.00000 128.227205 15.336269 0.000486
.000000 .000000 .000000
COMB DB ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -815.251054 -15.286344 -0.000487
.000000 -0.000549 -19.872247
0.25000 -815.251054 -15.286344 -0.000487
.000000 -0.000245 -14.904185
0.50000 -815.251054 -15.286344 -0.000487
.000000 .000000 -9.936124
0.75000 -815.251054 -15.286344 -0.000487
.000000 .000000 -4.968021
1.00000 -815.251054 -15.286344 -0.000487
.000000 .000000 .000000
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< MOVING 1373 LOAD >
FRAME ELEMENT INTERNAL
FORCES
COMB DL ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 315.701879 20.256629 0.000548
.000000 0.000459 26.333631
0.25000 315.701879 20.256629 0.000548
.000000 0.000201 19.750242
0.50000 315.701879 20.256629 0.000548
.000000 .000000 13.166850
0.75000 315.701879 20.256629 0.000548
.000000 .000000 6.583442
1.00000 315.701879 20.256629 0.000548
.000000 .000000 .000000
COMB DL ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -1773.744 -14.461701 -0.000397
.000000 -0.000352 -18.800226
0.25000 -1773.744 -14.461701 -0.000397
.000000 -0.000202 -14.100183
0.50000 -1773.744 -14.461701 -0.000397
.000000 .000000 -9.400159
0.75000 -1773.744 -14.461701 -0.000397
.000000 .000000 -4.700117
1.00000 -1773.744 -14.461701 -0.000397
.000000 .000000 .000000
COMB CAR ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 315.701879 20.256629 0.000548
.000000 0.000459 26.333631
0.25000 315.701879 20.256629 0.000548
.000000 0.000244 19.750242
0.50000 315.701879 20.256629 0.000548
.000000 .000000 13.166850
0.75000 315.701879 20.256629 0.000548
.000000 .000000 6.583442
1.00000 315.701879 20.256629 0.000548
.000000 .000000 .000000
COMB CAR ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -1773.744 -14.461701 -0.000397
.000000 -0.000352 -18.800226
0.25000 -1773.744 -14.461701 -0.000397
.000000 -0.000245 -14.904185
0.50000 -1773.744 -14.461701 -0.000397
.000000 .000000 -9.936124
0.75000 -1773.744 -14.461701 -0.000397
.000000 .000000 -4.968021
1.00000 -1773.744 -14.461701 -0.000397
.000000 .000000 .000000
COMB DESIGN ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 48.813411 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 48.813411 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 48.813411 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 48.813411 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 48.813411 0.000000 0.000000
.000000 0.000000 0.000000
COMB DESIGN ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -589.257930 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 -589.257930 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 -589.257930 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 -589.257930 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 -589.257930 0.000000 0.000000
.000000 0.000000 0.000000
Program SAP2000 Nonlinear Version 7.42
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< MOVING 1375 LOAD >
FRAME ELEMENT INTERNAL
FORCES
REL_DIST P V2 V3
T M2 M3
0.00000 -589.257930 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 -589.257930 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 -589.257930 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 -589.257930 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 -589.257930 0.000000 0.000000
.000000 0.000000 0.000000
COMB DB-G1-1 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 84.244458 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 84.244458 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 84.244458 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 84.244458 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 84.244458 0.000000 0.000000
.000000 0.000000 0.000000
COMB DB-G1-1 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -820.713589 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 -820.713589 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 -820.713589 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 -820.713589 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 -820.713589 0.000000 0.000000
.000000 0.000000 0.000000
COMB DB-G2-1 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 101.240463 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 101.240463 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 101.240463 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 101.240463 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 101.240463 0.000000 0.000000
.000000 0.000000 0.000000
COMB DB-G2-1 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -817.450047 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 -817.450047 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 -817.450047 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 -817.450047 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 -817.450047 0.000000 0.000000
.000000 0.000000 0.000000
COMB DL-G1-1 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 42.351795 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 42.351795 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 42.351795 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 42.351795 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 42.351795 0.000000 0.000000
.000000 0.000000 0.000000
COMB DL-G1-1 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -68.067077 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 -68.067077 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 -68.067077 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 -68.067077 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 -68.067077 0.000000 0.000000
.000000 0.000000 0.000000
COMB DL-G2-1 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 530.362569 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 530.362569 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 530.362569 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 530.362569 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 530.362569 0.000000 0.000000
.000000 0.000000 0.000000
COMB DL-G2-1 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -530.362569 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 -530.362569 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 -530.362569 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 -530.362569 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 -530.362569 0.000000 0.000000
.000000 0.000000 0.000000
```

```
REL_DIST P V2 V3
T M2 M3
0.00000 315.701879 20.256629 0.000548
.000000 0.000549 26.333631
0.25000 315.701879 20.256629 0.000548
.000000 0.000244 19.750242
0.50000 315.701879 20.256629 0.000548
.000000 .000000 13.166850
0.75000 315.701879 20.256629 0.000548
.000000 .000000 6.583442
1.00000 315.701879 20.256629 0.000548
.000000 .000000 .000000
COMB DESIGN ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -1773.744 -20.106051 -0.000549
.000000 -0.000549 -26.137881
0.25000 -1773.744 -20.106051 -0.000549
.000000 -0.000245 -19.603424
0.50000 -1773.744 -20.106051 -0.000549
.000000 .000000 -13.068986
0.75000 -1773.744 -20.106051 -0.000549
.000000 .000000 -6.534545
1.00000 -1773.744 -20.106051 -0.000549
.000000 .000000 .000000
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< MOVING 1374 LOAD >
FRAME ELEMENT INTERNAL
FORCES
ELEM 231 ===== LENGTH =
1.300000
COMB DB-G1-1 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 27.862374 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 27.862374 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 27.862374 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 27.862374 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 27.862374 0.000000 0.000000
.000000 0.000000 0.000000
COMB DB-G1-1 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -36.453890 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 -36.453890 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 -36.453890 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 -36.453890 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 -36.453890 0.000000 0.000000
.000000 0.000000 0.000000
COMB DB-G1-2 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 59.45661 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 59.45661 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 59.45661 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 59.45661 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 59.45661 0.000000 0.000000
.000000 0.000000 0.000000
COMB DB-G1-2 ----- MIN
REL_DIST P V2 V3
T M2 M3
0.00000 -228.768085 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 -228.768085 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 -228.768085 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 -228.768085 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 -228.768085 0.000000 0.000000
.000000 0.000000 0.000000
COMB DB-G1-3 ----- MAX
REL_DIST P V2 V3
T M2 M3
0.00000 91.769620 0.000000 0.000000
.000000 0.000000 0.000000
0.25000 91.769620 0.000000 0.000000
.000000 0.000000 0.000000
0.50000 91.769620 0.000000 0.000000
.000000 0.000000 0.000000
0.75000 91.769620 0.000000 0.000000
.000000 0.000000 0.000000
1.00000 91.7
```


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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

M2

P

M3

V2

V3

T

0.00000

87.553335

.000000

.000000

.000000

0.00000

87.553335

.000000

.000000

.000000

0.25000

87.553335

.000000

.000000

.000000

0.50000

87.553335

.000000

.000000

.000000

0.75000

87.553335

.000000

.000000

.000000

1.00000

87.553335

.000000

.000000

.000000

COMB

DL-G2-2

MIN

REL DIST

M2

P

M3

V2

V3

T

0.00000

-900.206458

.000000

.000000

.000000

0.00000

-900.206458

.000000

.000000

.000000

0.25000

-900.206458

.000000

.000000

.000000

0.50000

-900.206458

.000000

.000000

.000000

0.75000

-900.206458

.000000

.000000

.000000

1.00000

-900.206458

.000000

.000000

.000000

COMB

DL-G2-3

MAX

REL DIST

M2

P

M3

V2

V3

T

0.00000

101.657661

.000000

.000000

.000000

0.00000

101.657661

.000000

.000000

.000000

0.25000

101.657661

.000000

.000000

.000000

0.50000

101.657661

.000000

.000000

.000000

0.75000

101.657661

.000000

.000000

.000000

1.00000

101.657661

.000000

.000000

.000000

COMB

DL-G2-3

MIN

REL DIST

M2

P

M3

V2

V3

T

0.00000

-880.936682

.000000

.000000

.000000

0.00000

-880.936682

.000000

.000000

.000000

0.25000

-880.936682

.000000

.000000

.000000

0.50000

-880.936682

.000000

.000000

.000000

0.75000

-880.936682

.000000

.000000

.000000

1.00000

-880.936682

.000000

.000000

.000000

COMB

DB

MAX

REL DIST

M2

P

M3

V2

V3

T

0.00000

69.468295

.000000

.000000

.000000

0.00000

69.468295

.000000

.000000

.000000

0.25000

69.468295

.000000

.000000

.000000

0.50000

69.468295

.000000

.000000

.000000

0.75000

69.468295

.000000

.000000

.000000

1.00000

69.468295

.000000

.000000

.000000

COMB

DB

MIN

REL DIST

M2

P

M3

V2

V3

T

0.00000

-769.865113

.000000

.000000

.000000

0.00000

-769.865113

.000000

.000000

.000000

0.25000

-769.865113

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0.50000

-769.865113

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0.75000

-769.865113

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1.00000

-769.865113

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.000000

.000000

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SAP2000

Nonlinear

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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

M2

P

M3

V2

V3

T

0.00000

101.657661

.000000

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0.00000

101.657661

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.000000

.000000

0.25000

101.657661

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.000000

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0.50000

101.657661

.000000

.000000

.000000

0.75000

101.657661

.000000

.000000

.000000

1.00000

101.657661

.000000

.000000

.000000

COMB

DL

MIN

REL DIST

M2

P

M3

V2

V3

T

0.00000

-900.206458

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.000000

.000000

0.00000

-900.206458

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0.50000

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0.75000

-900.206458

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1.00000

-900.206458

.000000

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.000000

COMB

CAR

MAX

REL DIST

M2

P

M3

V2

V3

T

0.00000

101.657661

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0.00000

101.657661

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0.25000

101.657661

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0.50000

101.657661

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0.75000

101.657661

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1.00000

101.657661

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.000000

.000000

2

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-0.008938

3.26E-07

3.3E-05

2.30E-08

1.67E-05

-0.000234

6.27E-08

71

2.81E-05

-3.22E-07

-0.000251

3

-0.000163

1.47E-05

-0.007774

4.49E-07

6.67E-06

-1.87E-08

1.62E-05

-0.000229

5.31E-08

72

2.78E-05

-3.38E-07

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4

-0.000134

1.29E-05

-0.006638

5.45E-07

1.10E-06

-1.29E-08

5

-0.000223

4.27E-05

73

2.78E-05

-3.12E-07

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1.46E-05

-0.000215

3.12E-08

-0.005537

6.09E-07

1.11E-05

-6.25E-07

-0.000238

6

-7.91E-05

9.43E-06

-0.004482

6.36E-07

-6.74E-06

6.35E-10

-0.000198

1.35E-05

-0.000205

1.95E-08

75

2.94E-05

-1.45E-07

-0.000198

7

-5.38E-05

7.84E-06

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6.27E-07

-9.07E-06

7.23E-09

1.23E-05

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8.38E-09

76

3.07E-05

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8

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6.37E-06

-0.002562

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-1.30E-06

1.32E-05

1.07E-05

-0.000175

-3.53E-09

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3.20E-05

1.33E-07

-9.62E-05

9

-9.18E-06

5.07E-06

-0.001739

4.99E-07

-1.03E-05

1.81E-08

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-0.000153

-1.70E-08

78

3.33E-05

2.92E-07

-4.57E-05

10

8.82E-06

3.94E-06

-0.001036

4.04E-07

-9.63E-06

2.18E-08

11

-0.000127

-3.21E-08

79

3.44E-05

4.53E-07

-2.48E-09

12

-2.34E-05

2.21E-06

-0.000461

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-2.85E-08

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13

-3.69E-06

-8.17E-05

-4.38E-08

80

3.54E-05

6.12E-07

3.81E-05

14

-6.80E-06

-0.000127

-3.21E-08

81

3.61E-05

7.61E-07

6.68E-05

15

5.59E-05

7.08E-07

82

3.66E-05

8.95E-07

8.48E-05

16

5.78E-05

4.25E-07

83

3.68E-05

1.01E-06

9.28E-05

17

-1.90E-06

-2.55E-05

-1.83E-08

84

3.68E-05

1.11E-06

9.24E-05

18

5.50E-05

1.21E-07

85

3.59E-05

1.34E-06

5.90E-05

19

2.57E-05

5.57E-09

86

3.36E-05

2.17E-08

20

4.71E-05

1.65E-08

87

3.54E-05

1.40E-06

4.06E-05

21

4.26E-05

-7.81E-09

0.000491

89

3.49E-05

1.45E-06

1.98E-05

22

3.82E-05

-3.05E-08

0.000147

90

4.28E-06

1.87E-08

23

3.19E-05

-2.73E-09

91

3.44E-05

1.49E-06

4.62E-10

24

3.80E-05

1.33E-07

92

4.41E-06

1.77E-08

25

3.52E-05

2.68E-07

9.38E-09

93

-0.000221

1.81E-05

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26

2.83E-05

2.39E-07

94

-1.74E-05

2.05E-05

1.71E-05

27

2.75E-05

-1.26E-07

95

-0.000107

1.68E-05

-0.008937

28

2.77E-05

-0.89E-08

96

-0.000233

1.75E-05

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				66	-0.000231	1.68E-06		1.59E-06	-2.37E-05	2.23E-06					
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108	8.7E-05	-3.74E-06	-0.006715	-3.19E-06	0.000202	-2.12E-08		Program	SAP2000	Nonlinear	Version	7.42	4.99E-07	-3.02E-05	-0.00146	
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2.85E-06	0.000164	-1.28E-05		-1.54E-06	8.76E-05	-1.27E-07		JOINT DISPLACEMENTS					18	-7.40E-05	-2.92E-08	
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8.70E-07	0.000107	-8.74E-06	-0.009853	-2.62E-07	4.70E-05	-1.85E-07		LOCAL					20	3.36E-06	-2.55E-08	
112	3.44E-06	-2.09E-06		35	-7.20E-05	-3.05E-06	-0.010119	COORDINATES					21	-4.12E-05	-1.07E-07	
-8.99E-07	5.50E-05	-4.41E-06		2.28E-06	-5.02E-07	-2.60E-07		JOINT R1					22	-1.06E-06	-2.04E-08	
113	-3.28E-07	-2.04E-06	-0.010000	36	-6.84E-05	-4.01E-06	-0.009980	U1					23	-4.07E-05	-1.30E-07	
-1.58E-06	-2.52E-08	5.27E-08		5.68E-06	-5.64E-05	-3.25E-07		U2					24	-6.57E-06	-1.36E-08	
114	3.40E-06	-2.18E-06	-0.009853	37	-5.72E-05	-4.81E-06	-0.009549	R3					25	-3.95E-05	-1.31E-07	
-8.90E-07	-5.70E-05	4.49E-06		9.51E-06	-0.000114	-3.89E-07		U3					26	-1.32E-05	-5.42E-09	
115	1.12E-05	-2.39E-06	-0.009431	38	-3.91E-05	-5.45E-06	-0.008846	4.99E-07	-1.37E-05	9.64E-07	-0.000454	3.07E-07	-1.37E-05	-4.29E-07	-0.000115	
8.86E-07	0.000112	8.73E-06		1.31E-05	-0.000165	-4.47E-07		100	0.000177	-3.38E-06	-0.000358	1.74E-07	-1.98E-05	3.41E-09		
116	3.20E-05	-2.57E-06	-0.008734	39	-1.50E-05	-5.93E-06	-0.007914	-2.81E-07	-2.50E-05	1.86E-06		23	-3.43E-05	-5.27E-08	9.42E-09	
2.88E-06	-0.000164	1.27E-05		1.59E-05	-0.000204	-4.93E-07		101	0.000181	-2.89E-06	-0.000204	4.06E-08	-2.64E-05	1.19E-06		
4.63E-06	-0.000203	1.57E-05		40	1.31E-05	-6.31E-06	-0.006817	-1.04E-06	-3.59E-05	2.71E-06		24	-3.07E-05	2.44E-08	0.000147	
117	5.50E-05	-2.64E-06		1.81E-05	-0.000233	-5.25E-07		102	0.000187	-2.41E-06	3.92E-08	-8.95E-08	-3.19E-05	2.05E-08	0.000316	
118	8.36E-05	-2.54E-06	-0.006714	41	4.49E-05	-6.54E-06	-0.005588	-1.74E-06	-4.51E-05	3.44E-06		25	-2.64E-05	1.29E-07		
5.99E-06	-0.000230	1.78E-05		1.97E-05	-0.000256	-5.44E-07		103	0.000193	-1.96E-06	0.000245	-2.54E-07	-3.49E-05	3.06E-08		
119	0.000114	-2.25E-06	-0.005518	42	7.90E-05	-6.69E-06	-0.004254	-2.33E-06	-5.18E-05	3.98E-06		26	-2.21E-05	2.63E-07	0.000492	
6.98E-06	-0.000244	1.88E-05		2.09E-05	-0.000174	-5.39E-07		104	0.000200	-1.53E-06	0.000516	-4.53E-07	-3.47E-05	4.21E-08		
120	0.000146	-1.70E-06	-0.004281	43	0.000116	-6.71E-06	-0.002839	-2.78E-06	-5.63E-05	4.28E-06		27	-1.70E-05	4.30E-07	0.000657	
7.63E-06	-0.000246	1.88E-05		2.18E-05	-0.000289	-5.54E-07		105	0.000207	-1.13E-06	0.000796	-6.72E-07	-3.06E-05	5.43E-08		
121	0.000035	-1.11E-06	-0.003066	44	0.000153	-6.65E-06	-0.001361	-3.10E-06	-5.52E-05	4.28E-06		28	-1.46E-05	6.30E-07	0.000792	
7.97E-06	-0.000235	1.80E-05		2.22E-05	-0.000299	-5.48E-07		106	0.000214	-7.58E-07	0.001061	-9.12E-07	-2.27E-05	6.73E-08		
122	0.000206	-2.72E-07	-0.001931	45	0.000188	-6.52E-06	-1.16E-08	-3.22E-06	-4.88E-05	3.79E-06		29	-1.25E-05	8.63E-07	0.000877	
8.08E-06	-0.000216	1.64E-05		2.22E-05	-0.000202	-5.39E-07		107	0.000219	-4.26E-07	0.001277	-1.18E-06	-1.09E-05	8.05E-08		
123	0.000232	1.79E-07	-0.000903	46	0.000186	-6.30E-06	-2.50E-09	-3.16E-06	-5.00E-05	2.83E-06		30	-1.13E-06	1.13E-06	0.000893	
7.90E-06	-0.000193	1.46E-05		1.86E-06	2.39E-05	-8.00E-08		108	0.000223	-1.02E-07	0.001416	-1.49E-06	5.33E-06	9.32E-08		
124	0.000255	1.95E-06	1.65E-08	47	0.000184	-7.61E-06	-0.000107	-2.87E-06	-1.82E-05	1.44E-06		31	-1.43E-05	1.40E-06	0.000817	
6.97E-06	-0.000165	1.24E-05		2.00E-06	2.31E-05	3.56E-08		109	0.000224	1.80E-07	0.001450	-1.90E-06	2.55E-05	1.05E-07		
125	0.000274	3.33E-06	0.000749	48	0.000181	-7.17E-06	-0.000220	-2.31E-06	5.81E-06	-4.32E-07		32	-1.90E-05	1.67E-06	0.000637	
5.16E-06	-0.000132	9.78E-06	0.001313	2.07E-06	2.11E-05	3.57E-08		110	0.000221	-4.26E-07	0.001348	-2.39E-06	-4.56E-05	1.15E-07		
126	0.000289	4.16E-06		Program	SAP2000	Nonlinear	Version	7.42	-1.48E-06	-3.63E-05	-2.7E-06	33	-3.82E-05	1.94E-06	0.000363	
2.48E-06	9.16E-05	6.64E-06		File:2교부산합형S1-S404.OUT				111	0.000214	6.48E-07	0.001081	-2.94E-06	6.35E-05	1.26E-07		
127	0.000298	6.15E-06	0.001667	<	UNEQUAL	Page	SETTLEMENT	>	-4.74E-07	7.17E-05	-5.61E-06	34	-3.56E-05	2.18E-06	-1.54E-08	
-3.84E-07	-5.01E-05	3.38E-06		13				4.62E-07	0.000108	-8.43E-06	0.000628	-3.68E-06	8.17E-05	1.45E-07	-0.000461	
128	0.000302	7.44E-06	0.001823	JOINT DISPLACEMENTS				113	0.000185	-1.07E-06	-3.95E-09	-5.03E-06	0.000103	1.71E-07		
-2.87E-06	-1.35E-05	5.16E-07		TRANSLATIONS AND ROTATIONS, IN				8.49E-07	0.000143	-1.12E-06	-0.000807	36	-6.45E-06	2.68E-06	-0.001036	
129	0.000301	8.61E-06	0.001815	LOCAL				114	0.000166	1.29E-06	-0.000807	37	-8.05E-05	2.61E-06	-0.001739	
-4.70E-06	1.48E-05	-1.68E-06	0.001685	COORDINATES				5.37E-07	0.000177	-1.38E-05	-0.001768	-8.82E-06	0.000153	2.21E-07		
130	0.000298	9.67E-06	0.001459	JOINT R1				115	0.000141	1.46E-06	-0.001768	38	-0.000102	2.53E-06	-0.000256	
-5.92E-06	3.58E-05	-3.30E-06		49	0.000178	-6.72E-06	-0.000319	-3.33E-07	0.000206	-1.61E-05	-0.002861	-1.07E-05	1.65E-06	2.46E-07		
131	0.000292	1.06E-05	0.001459	50	0.000176	-6.24E-06	-0.000402	116	0.000113	1.65E-06		39	-0.000125	2.32E-06	-0.003486	
-6.73E-06	5.29E-05	-4.65E-06	0.001157	1.98E-06	1.45E-05	5.58E-06	-0.000464	-1.31E-06	0.000228	-1.78E-05	-0.004036	-1.23E-05	0.000192	2.66E-07		
132	0.000285	1.15E-05	0.001157	51	0.000175	-6.75E-06	-0.000459	117	8.33E-05	1.52E-06	-0.004036	40	-0.000151	2.04E-06	-0.004482	
133	0.000275	1.22E-05	0.000796	52	0.000174	-5.23E-06	-0.000500	118	5.27E-05	1.36E-06	-0.005237	-1.36E-05	0.000205	2.81E-07	-0.005537	
-7.15E-06	6.78E-05	-6.53E-06	0.000389	53	0.000174	-4.68E-06	-0.000502	-2.86E-06	0.000238	-1.86E-05	-0.006405	-1.46E-05	0.000205	2.90E-07	-0.006638	
134	0.000265	1.29E-05	0.000389	54	0.000174	-4.68E-06	-0.000502	-3.42E-06	0.000228	-1.78E-05	-0.007482	-1.55E-05	0.000223	2.95E-07	-0.007774	
-6.72E-06	8.37E-05	-6.91E-06	1.83E-08	55	0.000177	-3.55E-06	-0.000361	120	-4.73E-06	6.42E-07	-0.007482	43	-0.000236	6.34E-07	-0.007774	
135	0.000255	1.35E-05	0.000389	56	0.000181	-2.98E-06	-0.000206	-3.86E-06	0.000201	-1.57E-05	-0.008403	-1.62E-05	0.000229	2.99E-07		
-5.90E-06	8.69E-05	-8.54E-06		57	0.000187	-2.42E-06	-0.000361	-4.18E-06	0.000165	-1.28E-05	-0.009129	44	-0.000265	2.55E-08	-0.008938	
136	0.000359	1.70E-22	-0.000000	58	0.000193	-1.86E-06	0.000247	-4.47E-06	0.000125	-9.60E-06	-0.009660	-1.68E-05	-4.00E-05	5.80E-07	-0.010000	
-3.56E-06	-8.62E-05	5.25E-08	-0.000000	59	0.000200	-1.33E-06	0.000520	123	-6.05E-05	-1.31E-06	-0.009660	-1.70E-05	0.000235	3.01E-07		
137	4.04E-05	9.72E-24	-0.000000	60	0.000207	-8.14E-07	0.000803	124	-6.91E-05	-2.26E-06	-0.010000	46	-3.45E-05	1.49E-06	4.62E-10	
2.23E-06	0.000165	-2.66E-08	-0.010000	61	0.000214	-3.44E-07	0.001069	125	-7.22E-05	1.06E-06	-0.010000	-3.44E-07	-4.41E-06	-4.26E-09		
138	0.000165	-2.66E-08	-0.010000	62	0.000219	-4.17E-07	0.001287	-3.31E-06	4.71E-05	-3.52E-06	-0.010123	-3.70E-07	-4.20E-06	1.43E-06	1.98E-05	
1.42E-06	-3.31E-08	-4.80E-08	-0.010000	63	0.000223	4.17E-07	0.001427	-6.62E-07	3.34E-07	1.14E-07	-0.009989	48	-3.35E-05	1.36E-06	4.06E-05	
139	0.000471	-7.78E-23	-0.000000	64	0.000224	1.17E-07	0.001460	126	-6.88E-05	-4.53E-06	-0.009989	-3.84E-07	-3.90E-06	-4.03E-09		
2.19E-06	-0.000165	9.47E-08		65	0.000224	1.17E-07	0.001460	3.55E-06	-5.53E-05	4.44E-06	-0.009563	Program	SAP2000	Nonlinear	Version	7.42
140	0.000153	1.38E-22	-0.000000	66	0.000224	1.17E-07	0.001460	127	-5.78E-05	-5.56E-06	-0.009563	File:2교부산합형S1-S404.OUT				
-3.53E-06	8.61E-05	3.48E-07		67	0.000224	1.17E-07	0.001460	128	-5.78E-05	-5.56E-06	-0.009563	<	UNEQUAL	Page	SETTLEMENT	>
141	0.000153	1.38E-22	-0.000000	68	0.000224	1.17E-07	0.001460	129	-1.60E-05	-6.94E-06	-0.007934	16				
-9.91E-06	-8.71E-05	1.35E-07		69	0.000224	1.17E-07	0.001460	130	1.21E-05	-7.33E-06	-0.006836	JOINT DISPLACEMENTS				
142	3.93E-05	-5.41E-06	0.000000	70	0.000224	1.17E-07	0.001460	131	4.37E-05	7.48E-06	-0.005605	TRANSL				

82	-7.78E-05	3.29E-06	-0.001728
-8.73E-06	0.000151	2.54E-07	
83	-9.86E-05	3.37E-06	-0.002548
-1.07E-05	0.000174	2.69E-07	
84	-0.000122	3.26E-06	-0.003470
-1.22E-05	0.000191	2.73E-07	
85	-0.000147	3.00E-06	-0.004467
-1.35E-05	0.000204	2.73E-07	
86	-0.000175	2.58E-06	-0.005523
-1.46E-05	0.000214	2.70E-07	
87	-0.000203	1.99E-06	-0.006627
-1.55E-05	0.000223	2.66E-07	
88	-0.000232	1.27E-06	-0.007767
-1.62E-05	0.000229	2.59E-07	
89	-0.000261	4.44E-07	-0.008935
-1.68E-05	0.000234	2.52E-07	
90	-0.000289	-3.89E-07	-0.010000
-1.71E-05	0.000235	2.49E-07	
91	-3.44E-05	1.48E-06	2.96E-09
-2.92E-07	-4.39E-06	3.62E-07	
92	-3.39E-05	1.41E-06	1.96E-05
-3.43E-07	-4.22E-06	2.95E-07	
93	-3.34E-05	1.33E-06	4.01E-05
-3.73E-07	-3.87E-06	2.77E-07	
94	-3.30E-05	1.25E-06	5.83E-05
-3.79E-07	-3.33E-06	2.37E-07	
95	-3.26E-05	1.17E-06	7.35E-05
-3.97E-07	-3.68E-06	1.26E-07	
96	-3.23E-05	1.08E-06	8.49E-05
-3.34E-07	-1.80E-06	1.22E-07	
97	-3.21E-05	9.84E-07	9.14E-05
-2.82E-07	-7.44E-07	4.17E-08	
98	-3.21E-05	9.82E-07	9.19E-05
-2.01E-07	6.77E-07	0.000220	
Program	SAP2000	Nonlinear	Version 7.42
File:	2교부산반형S1-S404.OUT		

< UNEQUAL Page SETTLEMENT 17 >

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES			
JOINT R1	U1	U2	U3
99	-3.23E-05	7.77E-07	8.40E-05
-8.77E-08	2.53E-06	-2.11E-07	
100	-3.29E-05	6.69E-07	6.61E-05
4.63E-08	4.42E-06	-3.71E-07	
101	-3.35E-05	5.56E-07	3.77E-05
1.87E-07	6.64E-06	-5.34E-07	
102	-3.45E-05	4.40E-07	-1.21E-08
3.18E-07	8.33E-06	-6.67E-07	
103	-3.56E-05	3.20E-07	-4.53E-05
4.33E-07	9.58E-06	-7.66E-07	
104	-3.69E-05	2.01E-07	-9.54E-05
5.25E-07	1.03E-05	-8.22E-07	
105	-3.83E-05	8.77E-08	-0.000147
5.91E-07	1.02E-05	-8.22E-07	
106	-3.96E-05	-1.46E-06	-0.000196
6.24E-07	9.02E-06	-7.34E-07	
107	-4.05E-05	-1.02E-07	-0.000236
6.24E-07	6.71E-06	-5.57E-07	
108	-4.12E-05	-1.69E-07	-0.000262
5.85E-07	3.37E-06	-3.02E-07	
109	-4.14E-05	-2.11E-07	-0.000268
5.01E-07	-1.08E-06	4.07E-08	
110	-4.09E-05	-2.23E-07	-0.000249
3.72E-07	-6.63E-06	4.70E-07	
111	-3.96E-05	-2.02E-07	-0.000200
2.10E-07	-1.33E-05	9.89E-07	
112	-3.75E-05	-1.46E-07	-0.000116
4.70E-08	-1.99E-05	1.51E-06	
113	-3.45E-05	-5.33E-08	4.86E-08
-6.10E-08	-2.65E-05	2.02E-06	
114	-3.07E-05	7.44E-08	0.000148
-1.52E-07	-3.21E-05	2.49E-06	
115	-3.29E-05	2.00E-07	0.000318
-2.82E-07	-3.50E-05	2.76E-06	
116	-2.19E-05	4.32E-07	0.000495
-4.46E-07	-1.48E-05	2.78E-06	
117	-3.76E-05	6.51E-07	0.000661
-6.43E-07	-3.07E-05	2.50E-06	
118	-3.29E-05	8.15E-07	0.000797
-8.43E-07	-2.27E-05	1.91E-06	
119	-1.20E-05	1.14E-06	0.000882
-1.02E-06	-1.09E-05	1.02E-06	
120	-1.16E-05	1.38E-06	0.000898
-1.17E-06	5.50E-06	-2.34E-07	
121	-1.31E-05	-1.46E-06	0.000820
-1.28E-06	2.57E-05	-1.81E-06	
122	-1.82E-05	1.83E-06	0.000639
-1.35E-06	4.58E-05	-3.37E-06	
123	-2.53E-05	2.06E-06	0.000364
-1.53E-06	6.39E-05	-4.74E-06	
124	-2.42E-05	6.11E-06	1.68E-07
-2.24E-06	8.15E-05	-6.11E-06	
125	-4.64E-05	2.59E-06	-0.000460
-3.65E-06	0.000102	-7.68E-06	
126	-6.10E-05	2.83E-06	-0.001032
-5.80E-06	0.000127	-9.56E-06	
127	-7.19E-05	2.96E-06	-0.001733
-8.15E-06	0.000152	-1.15E-05	
128	-0.000100	2.96E-06	-0.002555
-1.03E-05	0.000174	-1.32E-05	
129	-0.000124	2.79E-06	-0.003478
-1.21E-05	0.000192	-1.45E-05	
130	-0.000149	2.52E-06	-0.004475
-1.35E-05	0.000204	-1.55E-05	
131	-0.000176	2.11E-06	-0.005530
-1.46E-05	0.000215	-1.62E-05	
132	-0.000204	1.59E-06	-0.006632
-1.55E-05	0.000223	-1.69E-05	
133	-0.000234	9.54E-07	-0.007770
-1.63E-05	0.000229	-1.73E-05	
134	-0.000263	2.38E-07	-0.008937
-1.69E-05	0.000233	-1.72E-05	
135	-0.000291	-5.08E-07	-0.010000
-1.74E-05	0.000235	-2.06E-05	
136	-2.92E-05	3.90E-07	0.000000
-1.84E-07	-4.23E-06	-8.69E-09	
137	-4.52E-05	-5.09E-23	0.000000
1.46E-07	8.29E-06	-2.75E-08	
138	0.000000	0.000000	0.000000
3.97E-08	-2.64E-05	1.20E-07	
139	-0.000142	2.00E-06	0.000000
-2.18E-06	8.18E-05	1.45E-07	
140	-0.000576	1.94E-21	-0.010000
-8.43E-06	0.000236	3.01E-07	
141	-2.92E-05	2.13E-06	0.000000
5.03E-07	-4.40E-06	-2.26E-05	
142	-4.50E-05	6.11E-06	0.000000
143	8.28E-06	-3.47E-08	0.000000
6.21E-08	-2.66E-05	2.60E-08	
144	-0.000138	-1.96E-05	0.000000
-1.37E-05	8.01E-07	-4.90E-06	
145	-0.000570	-4.15E-05	-0.010000
-2.56E-05	0.000234	2.49E-07	
Program	SAP2000	Nonlinear	Version 7.42
File:	2교부산반형S1-S404.OUT		

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES			
JOINT R1	U1	U2	U3
49	0.000116	9.21E-06	-0.005399
-2.30E-05	-0.000293	2.01E-07	
50	0.000153	7.25E-06	-0.003975
-2.17E-05	-0.000270	1.59E-07	
51	0.000186	5.23E-06	-0.002680
-1.98E-05	-0.000242	1.05E-07	
52	0.000214	3.20E-06	-0.001547
-1.74E-05	-0.000206	4.05E-08	
53	0.000238	1.19E-06	-0.000616
-1.41E-05	-0.000159	-3.03E-08	
54	0.000255	-6.99E-07	3.66E-05
-9.90E-06	-9.77E-05	-0.01E-07	
55	0.000263	-2.35E-06	0.000360
-5.32E-06	-2.86E-05	-1.57E-07	
56	0.000262	-3.62E-06	0.000332
-1.15E-06	3.76E-05	-1.83E-07	
57	0.000264	-4.49E-06	-4.23E-08
2.06E-06	9.28E-05	-1.79E-07	
58	0.000239	-4.93E-06	-0.000587
3.82E-06	0.000139	-1.50E-07	
59	0.000219	-5.04E-06	-0.001390
5.05E-06	0.000180	-1.23E-07	
60	0.000193	-4.90E-06	-0.002396
5.93E-06	0.000219	-1.05E-07	
61	0.000163	-4.60E-06	-0.003583
6.38E-06	0.000249	-9.41E-08	
62	0.000130	-4.23E-06	-0.004877
6.33E-06	0.000261	-8.39E-08	
63	0.000255	-3.82E-06	-0.006187
5.86E-06	0.000256	-6.87E-08	
64	6.55E-05	-3.41E-06	-0.007421
5.07E-06	0.000232	-4.78E-08	
65	3.81E-05	-3.00E-06	-0.008494
4.03E-06	0.000191	-2.63E-08	

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES			
LOAD -2N+1-----			
JOINT R1	U1	U2	U3
1	1.16E-06	1.46E-05	-0.010000
-2.41E-05	-0.000326	1.14E-07	
2	3.88E-05	1.23E-05	-0.008534
-2.42E-05	-0.000322	1.17E-07	
3	7.92E-05	9.79E-06	-0.006947
-2.38E-05	-0.000309	1.15E-07	
4	0.000118	7.33E-06	-0.005435
-2.30E-05	-0.000292	1.09E-07	
5	0.000154	4.98E-06	-0.004019
-2.17E-05	-0.000270	9.59E-08	
6	0.000187	2.73E-06	-0.002728
-1.98E-05	-0.000242	7.82E-08	
7	0.000216	6.81E-07	-0.001596
-1.74E-05	-0.000208	5.65E-08	
8	0.000240	-1.15E-06	-0.000662
-1.41E-05	-0.000161	2.90E-08	
9	0.000256	-2.64E-06	-9.11E-07
-9.99E-06	-0.000101	-5.09E-09	
10	0.000265	-3.76E-06	0.000335
-5.44E-06	-3.16E-05	-4.61E-08	
11	0.000264	-4.50E-06	0.000321
-1.33E-06	3.52E-05	-8.25E-08	
12	0.000256	-4.92E-06	-5.33E-08
1.86E-06	9.18E-05	-9.79E-08	
13	0.000241	-5.03E-06	-0.000583
3.70E-06	0.000139	-9.24E-08	
14	0.000220	-4.92E-06	-0.001385
5.02E-06	0.000181	-9.15E-08	
15	0.000195	-4.66E-06	-0.002391

50	-0.000153	-7.25E-06	-0.006025
2.17E-05	0.000270	-1.59E-07	
51	-0.000186	-5.23E-06	-0.007320
1.98E-05	0.000242	-1.05E-07	
52	-0.000214	-3.20E-06	-0.008453
1.74E-05	0.000206	-4.05E-08	
53	-0.000238	-1.18E-06	-0.009384
1.41E-05	0.000159	3.03E-08	
54	-0.000255	6.99E-07	-0.010037
9.90E-06	0.000245	1.00E-05	
55	-0.000263	2.35E-06	-0.010360
5.32E-06	2.86E-05	1.57E-07	
56	-0.000262	3.62E-06	-0.010332
1.15E-06	-3.76E-05	1.83E-07	
57	-0.000254	4.49E-06	-0.010000
-2.06E-06	-9.28E-05	1.79E-07	
58	-0.000239	4.93E-06	-0.009413
-3.82E-06	-0.000139	1.50E-07	
59	-0.000219	5.04E-07	-0.008610
-5.05E-06	-0.000180	1.23E-07	
60	-0.000193	4.90E-06	-0.007604
-5.93E-06	-0.000219	1.05E-07	
61	-0.000163	4.60E-06	-0.006417
-6.38E-06	-0.000249	9.41E-08	
62	-0.000130	4.23E-06	-0.005123
-6.33E-06	-0.000261	8.39E-08	
63	-9.60E-05	3.83E-06	-0.003813
-5.86E-06	-0.000255	6.87E-08	
64	-6.55E-05	3.41E-06	-0.002579
-5.07E-06	-0.000232	4.78E-08	
65	-3.81E-05	3.00E-06	-0.001506
-4.03E-06	-0.000191	2.63E-08	
66	-1.73E-05	2.65E-06	-0.000683
-2.87E-06	-0.000193	1.28E-08	
67	-4.43E-06	2.41E-06	-0.000177
-1.91E-06	-6.84E-05	1.77E-08	
68	3.18E-08	2.34E-06	-5.96E-08
-1.40E-06	2.45E-08	4.09E-08	
69	-4.42E-06	2.43E-06	-0.000178
-1.93E-06	-0.000240	7.80E-08	
70	-1.73E-05	2.58E-06	-0.000683
-2.91E-06	0.000133	1.01E-07	
71	-3.82E-05	2.68E-06	-0.001507
-4.04E-06	0.000191	9.99E-08	
72	-6.53E-05	2.63E-06	-0.002580
-5.09E-06	0.000232	7.95E-08	
73	-9.69E-05	2.16E-06	-0.003815
-5.89E-06	0.000256	4.82E-08	
74	-0.000130	1.52E-06	-0.005124
-6.35E-06	0.000261	1.17E-08	
75	-0.000163	6.68E-07	-0.006418
-6.39E-06	0.000249	-9.88E-08	
76	-0.000194	-3.88E-07	-0.007604
-5.94E-06	0.000219	-7.75E-08	
77	-0.000219	-1.63E-06	-0.008611
-5.07E-06	0.000180	-1.42E-07	
78	-0.000240	-3.13E-06	-0.009413
-3.85E-06	0.000139	-2.26E-07	
79	-0.000255	-4.89E-06	-0.010000
-2.08E-06	9.28E-05	-3.26E-07	
80	-0.000263	-6.90E-06	-0.010332
1.15E-06	3.76E-05	-4.42E-07	
81	-0.000264	-8.98E-06	-0.010359
5.33E-06	-2.87E-05	-5.41E-07	
9.90E-06	-0.000256	-1.09E-05	-0.010036
82	-0.000256	-6.07E-07	
83	-0.000239	-1.25E-05	-0.009383
1.41E-05	-0.000159	-6.40E-07	
84	-0.000215	-1.37E-05	-0.008453
1.74E-05	-0.000206	-6.48E-07	
85	-0.000186	-1.46E-05	-0.007319
1.98E-05	-0.000242	-6.41E-07	
86	-0.000153	-1.51E-05	-0.006024
2.17E-05	-0.000270	-6.25E-07	
87	-0.000117	-1.05E-07	-0.004601
2.30E-05	-0.000292	-6.01E-07	
88	-7.81E-05	-1.53E-05	-0.003078
2.39E-05	-0.000310	-5.73E-07	
89	-3.74E-05	-1.50E-05	-0.001478
2.43E-05	-0.000323	-5.42E-07	
90	-0.000240	-3.13E-05	-1.46E-08
2.42E-05	-0.000327	-5.21E-07	
91	1.02E-07	-1.46E-05	1.82E-07
2.35E-05	0.000327	-2.89E-05	
92	-3.76E-05	-1.27E-05	-0.001472
2.39E-05	0.000321	-2.41E-05	
93	-7.05E-05	-2.38E-05	-0.003066
2.38E-05	0.000310	-2.38E-05	
94	-0.000117	-8.28E-06	-0.004583
2.30E-05	0.000292	-2.25E-05	
95	-0.000153	-6.12E-06	-0.006003
2.16E-05	0.000270	-2.08E-05	
96	-0.000255	-3.09E-05	-0.007296
1.97E-05	0.000242	-1.86E-05	
97	-0.000215	-1.94E-06	-0.008429
1.70E-05	0.000207	-1.59E-05	
98	-0.000239	-1.38E-08	-0.009361
1.33E-05	0.000160	-1.23E-05	
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-5.74E-06	0.000256	-2.00E-05	
119	-0.000131	1.27E-06	-0.005128
-6.58E-06	0.000262	-2.04E-05	
120	-0.000142	-4.60E-07	-0.006421
-7.09E-06	0.000250	-1.94E-05	
121	-0.000194	-5.41E-07	-0.007607
-7.29E-06	0.000220	-1.70E-05	
122	-0.000220	-1.73E-06	-0.008613
-7.26E-06	0.000180	-1.39E-05	
123	0.000186	-4.13E-06	-0.009416
-6.08E-06	0.000139	-1.06E-05	
124	-0.000255	-4.72E-06	-0.010000
-5.05E-06	9.22E-05	-6.99E-06	
125	-0.000263	-6.50E-06	-0.010327
-1.70E-06	3.62E-05	-2.64E-06	
-9.28E-05	-0.000264	-8.31E-06	-0.010347
3.27E-06	-3.03E-05	2.54E-06	
127	-0.000255	-9.96E-06	-0.010017
8.62E-06	-9.93E-05	7.91E-06	
128	-0.000238	-1.14E-05	-0.009360
1.34E-05	-0.000160	1.26E-05	
129	-0.000214	-1.25E-05	-0.008428
1.70E-05	-0.000207	1.62E-05	
130	-0.000185	-1.33E-05	-0.007295
1.97E-05	-0.000242	1.89E-05	
131	-0.000152	-1.39E-05	-0.006002
2.17E-05	-0.000170	2.11E-05	
132	-0.000116	-1.44E-05	-0.004583
2.30E-05	-0.000292	2.28E-05	
133	-7.68E-05	-1.46E-05	-0.003066
2.38E-05	-0.000310	2.42E-05	
134	-3.61E-05	-1.46E-05	-0.001472
2.40E-05	-0.000321	2.44E-05	
135	-1.74E-05	-1.45E-05	7.86E-08
2.36E-05	-0.000327	2.95E-05	
136	-0.000392	-1.69E-21	0.000000
1.22E-05	0.000326	-1.14E-07	
137	-0.000137	-4.82E-23	-0.010000
-1.83E-07	-9.19E-05	9.79E-08	
138	0.000240	0.000000	0.000000
-1.50E-06	3.93E-08	4.36E-08	
139	-0.000374	2.42E-22	-0.010000
-1.48E-07	9.18E-05	-2.56E-07	
140	0.000394	-3.61E-22	0.000000
1.21E-05	-0.000332	-6.71E-07	
141	-0.000390	2.84E-05	0.000000
3.60E-05	0.000326	-2.57E-07	
142	-0.000132	1.85E-05	-0.010000
-1.37E-05	-9.18E-05	1.79E-07	
143	-1.99E-28	5.25E-07	0.000000
-1.40E-06	2.45E-08	4.09E-07	
-1.37E-05	9.18E-05	-3.26E-07	-0.010000
145	0.000392	2.86E-05	0.000000
3.60E-05	-0.000326	-5.21E-07	
Program	SAP2000	Nonlinear	Version 7.42
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB SETTLE	-----	MAX
JOINT		
R1		
2.41E-05	0.000256	1.82E-05
1	0.000326	1.14E-07
2	0.000266	1.65E-05
2.42E-05	0.000223	1.17E-07
3	0.000276	1.47E-05
2.38E-05	0.000309	1.15E-07
4	0.000285	1.29E-05
2.30E-05	0.000292	1.09E-07
5	0.000293	1.11E-05
2.17E-05	0.000270	9.58E-08
6	0.000298	9.43E-06
1.98E-05	0.000242	7.82E-06
7	0.000302	7.84E-06
1.74E-05	0.000208	6.89E-08
8	0.000302	6.37E-06
1.41E-05	0.000185	7.98E-05
9	0.000298	6.32E-06
9.99E-06	0.000114	8.42E-08
10	0.000289	6.98E-06
6.56E-06	9.11E-05	9.42E-08
11	0.000274	7.30E-06
3.52E-06	0.000131	1.05E-07
12	0.000256	7.14E-06
15E-06	0.000165	1.44E-07
13	0.000241	7.09E-06
6.24E-06	0.000193	1.22E-07
14	0.000220	6.66E-06
6.90E-06	0.000116	1.29E-07
15	0.000207	6.11E-06
7.28E-06	0.000236	1.34E-07
16	0.000214	5.42E-06
7.27E-06	0.000250	1.37E-07
17	0.000219	4.66E-06
6.88E-06	0.000250	1.51E-05
18	0.000223	3.87E-06
6.19E-06	0.000256	1.35E-07
19	0.000223	3.11E-06
5.22E-06	0.000233	1.29E-07
20	0.000221	2.42E-06
4.05E-06	0.000193	1.19E-07
21	0.000214	2.16E-06
2.89E-06	0.000135	1.05E-07
22	0.000202	2.01E-06
2.01E-06	0.000107	9.03E-08
23	0.000186	1.95E-06
1.50E-06	0.000143	8.35E-08
24	0.000166	2.03E-06
1.20E-06	0.000177	8.33E-08
25	0.000141	2.09E-06
2.90E-06	0.000206	7.98E-08
26	0.000113	2.06E-06
4.06E-06	0.000228	8.37E-08
27	8.31E-05	1.89E-06
5.22E-06	0.000239	7.91E-08
28	9.75E-05	1.58E-06
6.19E-06	0.000256	6.73E-08
29	0.000256	1.30E-06
6.89E-06	0.000282	8.05E-08
30	0.000164	1.13E-06
6.79E-06	0.000250	9.32E-08
31	0.000194	1.40E-06
7.27E-06	0.000220	1.05E-07
32	0.000220	1.80E-06
6.88E-06	0.000181	1.15E-07
33	0.000240	3.08E-06
6.22E-06	0.000139	1.75E-07
34	0.000256	4.49E-06
5.23E-06	9.18E-05	2.56E-07
35	0.000256	6.06E-06
5.30E-06	0.000103	3.53E-07
36	0.000290	7.61E-06
5.68E-06	0.000127	4.36E-07
37	0.000299	8.99E-06
1.00E-05	0.000153	5.14E-07
38	-0.000133	1.02E-05
1.42E-05	0.000175	5.83E-07
39	0.000302	1.12E-05
1.74E-05	0.000208	6.35E-07
40	0.000299	1.21E-05
1.98E-05	0.000242	6.69E-07

41	0.000293	1.28E-05	0.001445
2.17E-05	0.000270	6.89E-07	
42	0.000285	-1.34E-05	0.001145
2.30E-05	0.000292	6.96E-07	
43	0.000276	1.39E-05	0.000788
2.38E-05	0.000309	6.94E-07	
44	0.000266	1.42E-05	0.000385
2.42E-05	0.000322	6.85E-07	
45	0.000256	1.45E-05	8.00E-09
2.41E-05	0.000326	6.87E-07	
46	0.000255	1.82E-05	9.08E-09
2.42E-05	0.000327	2.57E-07	
47	0.000265	1.67E-05	0.000393
2.43E-05	0.000323	2.52E-07	
48	0.000276	1.51E-05	0.000805
2.39E-05	0.000310	2.33E-07	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산병항S1-S404.OUT			

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT			
R1			
2.30E-05	0.000293	2.01E-07	
50	0.000293	1.19E-05	0.001474
2.17E-05	0.000270	1.59E-07	
51	0.000299	1.03E-05	0.001701
1.98E-05	0.000242	1.05E-07	
52	0.000302	8.99E-06	0.001831
1.74E-05	0.000206	6.73E-08	
53	0.000302	7.14E-06	0.

[illegible]

[illegible]

0.25000 -0.027834 0.751914 -0.001269
-0.154938 -0.049521 -11.774616 -0.001269
0.50000 0.027834 -0.751914
-0.154938 0.051110 -12.716410
0.75000 -0.027834 0.751914
-0.154938 0.052699 -13.658203
1.00000 -0.027834 0.751914
-0.154938 0.054289 -14.599997
LOAD -2N+1-----
REL_DIST M2 P V2 V3
0.00000 -1.333502 24.714404 0.099193
-0.320851 0.734288 -358.079211 0.099193
0.25000 -1.333502 24.714404
-0.320851 0.610046 -389.034711
0.50000 -1.333502 24.714404 0.099193
-0.320851 0.485803 -419.990211
0.75000 -1.333502 24.714404 0.099193
-0.320851 0.361560 -450.945711 0.099193
1.00000 -1.333502 24.714404 0.099193
-0.320851 0.237318 -481.901211
LOAD -2N+2-----
REL_DIST M2 P V2 V3
0.00000 1.333502 -24.714404 -0.099193
0.320851 -0.734288 358.079211
0.25000 1.333502 -24.714404 -0.099193
-0.320851 -0.610046 389.034711
0.50000 1.333502 -24.714404 -0.099193
-0.320851 -0.485803 419.990211
0.75000 1.333502 -24.714404 -0.099193
-0.320851 -0.361560 450.945711
1.00000 1.333502 -24.714404 -0.099193
0.320851 -0.237318 481.901211
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S404.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
COMB SETTLE ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 1.333502 24.714404 0.099193
2.213896 0.734288 358.079211
0.25000 1.333502 24.714404 0.099193
2.213896 0.610046 389.034711
0.50000 1.333502 24.714404 0.099193
2.213896 0.485803 419.990211
0.75000 1.333502 24.714404 0.099193
2.213896 0.361560 450.945711
1.00000 1.333502 24.714404 0.099193
2.213896 0.332569 481.901211
COMB SETTLE ----- MIN
REL_DIST M2 P V2 V3
0.00000 -1.333502 -24.714404 -0.099543
-2.2139810 -0.734288 -358.079211 -0.099543
0.25000 -1.333502 -24.714404 -0.099543
-2.379810 -0.610046 -389.034711 -0.099543
0.50000 -1.333502 -24.714404 -0.099543
-2.379810 -0.485803 -419.990211 -0.099543
0.75000 -1.333502 -24.714404 -0.099543
-2.379810 -0.361560 -450.945711 -0.099543
1.00000 -1.333502 -24.714404 -0.099543
-2.379810 -0.237318 -481.901211
ELEM 5 ===== LENGTH =
5.009182
LOAD -P7-----
REL_DIST M2 P M3 V2 V3
0.00000 -0.879721 9.066457 0.095640
2.701095 -0.239148 -177.826551 0.095640
0.25000 -0.879721 9.066457
2.701095 -0.119378 -188.836538 0.095640
0.50000 -0.879721 9.066457
2.701095 -0.000392 -200.190422 0.095640
0.75000 -0.879721 9.066457
2.701095 -0.124161 211.544305 0.095640
1.00000 -0.879721 9.066457
2.701095 -0.239931 -222.898189 0.095640
LOAD -P8-----
REL_DIST M2 P M3 V2 V3
0.00000 1.332557 -20.661898 -0.108021
-1.746437 -0.501463 402.908932 -0.108021
0.25000 1.332557 -20.661898
-1.746437 -0.366189 428.783734 -0.108021
0.50000 1.332557 -20.661898
-1.746437 -0.230915 454.658537 -0.108021
0.75000 1.332557 -20.661898
-1.746437 -0.095641 480.533339 -0.108021
1.00000 1.332557 -20.661898
-1.746437 0.039633 506.406141
LOAD -P9-----
REL_DIST M2 P M3 V2 V3
0.00000 -0.590275 14.908770 0.013905
-1.456617 0.407777 -289.791793 0.013905
0.25000 -0.590275 14.908770
-1.456617 0.390364 -308.461979 0.013905
0.50000 -0.590275 14.908770
-1.456617 0.372952 -327.132166 0.013905
0.75000 -0.590275 14.908770
-1.456617 0.355539 -345.802352 0.013905
1.00000 -0.590275 14.908770
-1.456617 0.338126 -364.472538 0.013905
LOAD -P10-----
REL_DIST M2 P M3 V2 V3
0.00000 1.66928 -4.064944 -0.000346
0.568605 -0.203316 78.965695 -0.000346
0.25000 1.66928 -4.064944
0.568605 -0.202853 84.056215 -0.000346
0.50000 1.66928 -4.064944
0.568605 -0.202450 89.146717 -0.000346
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F R A M E E L E M E N T I N T E R N A L
REL_DIST M2 P M3 V2 V3
0.75000 1.66928 -4.064944 -0.000346
0.568605 -0.202016 94.237228 -0.000346
1.00000 1.66928 -4.064944 -0.000346

0.568605 -0.201583 99.327739
LOAD -A2-----
REL_DIST M2 P M3 V2 V3
0.00000 -0.029489 0.751614 -0.001178
-0.106646 0.057853 -14.600178 -0.001178
0.25000 -0.029489 0.751614
-0.106646 0.059329 -15.541426 -0.001178
0.50000 -0.029489 0.751614 -0.001178
-0.106646 0.060805 -16.482667 -0.001178
0.75000 -0.029489 0.751614
-0.106646 0.062280 -17.423910 -0.001178
1.00000 -0.029489 0.751614
-0.106646 0.063756 -18.365153
LOAD -2N+1-----
REL_DIST M2 P M3 V2 V3
0.00000 -1.499485 24.726841 0.108367
1.177832 0.704778 -481.874627
0.25000 -1.499485 24.726841 0.108367
1.177832 0.569071 -512.839941
0.50000 -1.499485 24.726841 0.108367
1.177832 0.433365 -543.805254
0.75000 -1.499485 24.726841 0.108367
1.177832 0.297658 -574.770567
1.00000 -1.499485 24.726841 0.108367
1.177832 0.161951 -605.735880
LOAD -2N+2-----
REL_DIST M2 P M3 V2 V3
0.00000 1.499485 -24.726841 -0.108367
-1.177832 -0.704778 -481.874627 -0.108367
0.25000 1.499485 -24.726841 -0.108367
-1.177832 -0.569071 -512.839941 -0.108367
0.50000 1.499485 -24.726841 -0.108367
-1.177832 -0.433365 -543.805254 -0.108367
0.75000 1.499485 -24.726841 -0.108367
-1.177832 -0.297658 -574.770567 -0.108367
1.00000 1.499485 -24.726841 -0.108367
-1.177832 -0.161951 -605.735880
COMB SETTLE ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 1.499485 24.726841 0.108367
2.741095 0.704778 -481.874627 0.108367
0.25000 1.499485 24.726841 0.108367
2.741095 0.569071 512.839941 0.108367
0.50000 1.499485 24.726841 0.108367
2.741095 0.433365 543.805254 0.108367
0.75000 1.499485 24.726841 0.108367
2.741095 0.355539 574.770567 0.108367
1.00000 1.499485 24.726841 0.108367
2.741095 0.338126 605.735880
COMB SETTLE ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -1.499485 -24.726841 -0.108367
-1.746437 -0.704778 -481.874627 -0.108367
0.25000 -1.499485 -24.726841 -0.108367
-1.746437 -0.569071 -512.839941 -0.108367
0.50000 -1.499485 -24.726841 -0.108367
-1.746437 -0.433365 -543.805254 -0.108367
0.75000 -1.499485 -24.726841 -0.108367
-1.746437 -0.297658 -574.770567 -0.108367
1.00000 -1.499485 -24.726841 -0.108367
-1.746437 -0.239931 -605.735880 -0.108367
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F R A M E E L E M E N T I N T E R N A L
ELEM 6 ===== LENGTH =
5.009192
LOAD -P7-----
REL_DIST M2 P M3 V2 V3
0.00000 -1.000788 9.104706 0.094200
3.351343 0.128741 -222.868679 0.094200
0.25000 -1.000788 9.104706 0.094200
3.351343 0.010774 -234.270484 0.094200
0.50000 -1.000788 9.104706 0.094200
3.351343 -0.107193 -245.672290 0.094200
0.75000 -1.000788 9.104706 0.094200
3.351343 -0.225160 -257.074096 0.094200
1.00000 -1.000788 9.104706 0.094200
3.351343 -0.343127 -268.475902 0.094200
LOAD -P8-----
REL_DIST M2 P M3 V2 V3
0.00000 1.467093 -20.722636 -0.104839
-3.323594 -0.354328 506.378186 -0.104839
0.25000 1.467093 -20.722636 -0.104839
-3.323594 -0.223039 532.250804 -0.104839
0.50000 1.467093 -20.722636 -0.104839
-3.323594 -0.091750 558.280002 -0.104839
0.75000 1.467093 -20.722636 -0.104839
-3.323594 0.039539 584.230920 -0.104839
1.00000 1.467093 -20.722636 -0.104839
-3.323594 0.170828 610.181838
LOAD -P9-----
REL_DIST M2 P M3 V2 V3
0.00000 -0.609155 14.931740 0.013048
-0.304107 0.375336 -364.472234 0.013048
0.25000 -0.609155 14.931740 0.013048
-0.304107 0.358995 -383.171225 0.013048
0.50000 -0.609155 14.931740 0.013048
-0.304107 0.342655 -401.870174 0.013048
0.75000 -0.609155 14.931740 0.013048
-0.304107 0.326315 -420.569206 0.013048
1.00000 -0.609155 14.931740 0.013048
-0.304107 0.309974 -439.268196 0.013048
LOAD -P10-----
REL_DIST M2 P M3 V2 V3
0.00000 -0.173211 -4.065439 -0.001476
0.226760 -0.215017 99.327999 -0.001476
0.25000 -0.173211 -4.065439 -0.001476
0.226760 -0.213253 104.419141 -0.001476
0.50000 -0.173211 -4.065439 -0.001476
0.226760 -0.211405 109.510284 -0.001476
0.75000 -0.173211 -4.065439 -0.001476
0.226760 -0.209557 114.601426 -0.001476
1.00000 -0.173211 -4.065439 -0.001476
0.226760 -0.207709 119.692568 -0.001476
LOAD -A2-----

REL_DIST M2 P V2 V3
0.00000 -0.030361 0.751629 -0.000935
-0.043402 0.065352 -18.365252
0.25000 -0.030361 0.751629 -0.000935
-0.043402 0.066523 -19.306516
0.50000 -0.030361 0.751629 -0.000935
-0.043402 0.067693 -20.247780
0.75000 -0.030361 0.751629 -0.000935
-0.043402 0.068864 -21.189044
1.00000 -0.030361 0.751629 -0.000935
-0.043402 0.070034 -22.130307
LOAD -2N+1-----
REL_DIST M2 P V2 V3
0.00000 -1.640304 24.788075 0.106314
3.003834 0.569429 -605.706165 0.106314
0.25000 -1.640304 24.788075 0.106314
3.003834 0.436292 -636.748225 0.106314
0.50000 -1.640304 24.788075 0.106314
3.003834 0.303155 -667.790285 0.106314
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F R A M E E L E M E N T I N T E R N A L
REL_DIST M2 P M3 V2 V3
0.75000 -1.640304 24.788075 0.106314
3.003834 0.170018 -698.832345 0.106314
1.00000 -1.640304 24.788075 0.106314
3.003834 0.036881 -729.874405
LOAD -2N+2-----
REL_DIST M2 P M3 V2 V3
0.00000 1.640304 -24.788075 -0.106314
-3.003834 -0.569429 -605.706165 -0.106314
0.25000 1.640304 -24.788075 -0.106314
-3.003834 -0.436292 -636.748225 -0.106314
0.50000 1.640304 -24.788075 -0.106314
-3.003834 -0.303155 -667.790285 -0.106314
0.75000 1.640304 -24.788075 -0.106314
-3.003834 -0.170018 -698.832345 -0.106314
1.00000 1.640304 -24.788075 -0.106314
-3.003834 -0.036881 -729.874405
COMB SETTLE ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 1.640304 24.788075 0.106314
3.351343 0.569429 605.706165 0.106314
0.25000 1.640304 24.788075 0.106314
3.351343 0.436292 636.748225 0.106314
0.50000 1.640304 24.788075 0.106314
3.351343 0.326555 667.790285 0.106314
0.75000 1.640304 24.788075 0.106314
3.351343 0.263155 698.832345 0.106314
1.00000 1.640304 24.788075 0.106314
3.351343 0.309974 729.874405
COMB SETTLE ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -1.640304 -24.788075 -0.106314
-3.232594 -0.569429 -605.706165 -0.106314
0.25000 -1.640304 -24.788075 -0.106314
-3.232594 -0.436292 -636.748225 -0.106314
0.50000 -1.640304 -24.788075 -0.106314
-3.232594 -0.303155 -667.790285 -0.106314
0.75000 -1.640304 -24.788075 -0.106314
-3.232594 -0.225160 -698.832345 -0.106314
1.00000 -1.640304 -24.788075 -0.106314
-3.232594 -0.343127 -729.874405
ELEM 7 ===== LENGTH =
5.009312
LOAD -P7-----
REL_DIST M2 P M3 V2 V3
0.00000 -1.18466 9.169178 0.081275
3.971247 -0.000205 -268.445484 0.081275
0.25000 -1.18466 9.169178 0.081275
3.971247 -0.101989 -279.928302 0.081275
0.50000 -1.18466 9.169178 0.081275
3.971247 -0.203772 -291.411120 0.081275
0.75000 -1.18466 9.169178 0.081275
3.971247 -0.305555 -302.893938 0.081275
1.00000 -1.18466 9.169178 0.081275
3.971247 -0.407338 -314.376756 0.081275
LOAD -P8-----
REL_DIST M2 P M3 V2 V3
0.00000 1.593465 -20.822858 -0.082754
-4.827249 -0.162402 610.149328 -0.082754
0.25000 1.593465 -20.822858 -0.082754
-4.827249 -0.080567 636.228376 -0.082754
0.50000 1.593465 -20.822858 -0.082754
-4.827249 0.043067 662.303423 -0.082754
0.75000 1.593465 -20.822858 -0.082754
-4.827249 0.146702 688.380471 -0.082754
1.00000 1.593465 -20.822858 -0.082754
-4.827249 0.250336 714.457195 -0.082754
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F R A M E E L E M E N T I N T E R N A L
LOAD -P9-----
REL_DIST M2 P M3 V2 V3
0.00000 -0.621717 14.963132 0.004183
1.011149 0.303791 -439.265646 0.004183
0.25000 -0.621717 14.963132 0.004183
1.011149 0.298553 -458.004395 0.004183
0.50000 -0.621717 14.963132 0.004183
1.011149 0.293314 -476.743144 0.004183
0.75000 -0.621717 14.963132 0.004183
1.011149 0.288076 -495.481893 0.004183
1.00000 -0.621717 14.963132 0.004183
1.011149 0.282838 -514.220642
LOAD -P10-----
REL_DIST M2 P M3 V2 V3
0.00000 -0.176528 -4.080466 -0.000364
-0.574998 -0.186473 140.028091 -0.000364
0.25000 0.176528 -4.080466 -0.000364
-0.574998 -0.186017 145.138350 -0.000364
0.50000 0.176528 -4.080466 -0.000364
-0.574998 -0.185562 150.248609 -0.000364
0.75000 0.176528 -4.080466 -0.000364
-0.574998 -0.185106 155.358869 -0.000364
1.00000 0.176528 -4.080466 -0.000364

-0.190165 -0.203755 129.860618 -0.001981
0.75000 0.177610 -4.059860
-0.190165 -0.201274 134.944895
0.25000 0.177610 -4.059860
-0.190165 -0.198793 140.029171
LOAD -A2-----
REL_DIST M2 P M3 V2 V3
0.00000 -0.030891 0.750408 -0.000723
0.035018 0.069334 -22.130262
0.25000 -0.030891 0.750408 -0.000723
0.035018 0.070239 -23.070002
0.50000 -0.030891 0.750408 -0.000723
0.035018 0.071145 -24.009777
0.75000 -0.030891 0.750408 -0.000723
0.035018 0.072051 -24.949535
1.00000 -0.030891 0.750408 -0.000723
0.035018 0.072956 -25.889922
LOAD -2N+1-----
REL_DIST M2 P M3 V2 V3
0.00000 -1.771074 -24.882718 0.084735
5.017414 0.372919 -729.841393 0.084735
0.25000 -1.771074 -24.882718 0.084735
5.017414 0.266803 -761.002717 0.084735
0.50000 -1.771074 -24.882718 0.084735
5.017414 0.160688 -792.164041 0.084735
0.75000 -1.771074 -24.882718 0.084735
5.017414 0.054572 -823.325366 0.084735
1.00000 -1.771074 -24.882718 0.084735
5.017414 -0.051544 -854.486690
LOAD -2N+2-----
REL_DIST M2 P M3 V2 V3
0.00000 1.771074 -24.882718 -0.084735
-5.017414 -0.372919 -729.841393 -0.084735
0.25000 1.771074 -24.882718 -0.084735
-5.017414 -0.266803 -761.002717 -0.084735
0.50000 1.771074 -24.882718 -0.084735
-5.017414 -0.160688 -792.164041 -0.084735
0.75000 1.771074 -24.882718 -0.084735
-5.017414 -0.054572 -823.325366 -0.084735
1.00000 1.771074 -24.882718 -0.084735
-5.017414 0.051544 854.486690
COMB SETTLE ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 1.771074 24.882718 0.084735
5.017414 0.372919 729.841393 0.084735
0.25000 1.771074 24.882718 0.084735
5.017414 0.298553 761.002717 0.084735
0.50000 1.771074 24.882718 0.084735
5.017414 0.293314 792.164041 0.084735
0.75000 1.771074 24.882718 0.084735
5.017414 0.268076 823.325366 0.084735
1.00000 1.771074 24.882718 0.084735
5.01

-0.574998	-0.184650	160.469128			
LOAD -A2					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.030414	0.753799		-0.000893
0.108134		0.069800	-25.889134		
0.25000		-0.030414	0.753799		-0.000893
0.108134		0.070919	26.839171		
0.50000		-0.030414	0.753799		-0.000893
0.108134		0.072037	-27.777208		
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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
T					
0.75000		-0.030414	0.753799		-0.000893
0.108134		0.073155	-28.721245		
1.00000		-0.030414	0.753799		-0.000893
0.108134		0.074274	-29.665282		
LOAD -2N+1					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.030414	0.753799		-0.000893
0.108134		0.073155	-28.721245		
1.00000		-0.030414	0.753799		-0.000893
0.108134		0.074274	-29.665282		
LOAD -2N+1					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.030414	0.753799		-0.000893
0.108134		0.073155	-28.721245		
1.00000		-0.030414	0.753799		-0.000893
0.108134		0.074274	-29.665282		
LOAD -2N+2					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.030414	0.753799		-0.000893
0.108134		0.073155	-28.721245		
1.00000		-0.030414	0.753799		-0.000893
0.108134		0.074274	-29.665282		
COMB SETTLE ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.030414	0.753799		-0.000893
0.108134		0.073155	-28.721245		
1.00000		-0.030414	0.753799		-0.000893
0.108134		0.074274	-29.665282		
COMB SETTLE ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.030414	0.753799		-0.000893
0.108134		0.073155	-28.721245		
1.00000		-0.030414	0.753799		-0.000893
0.108134		0.074274	-29.665282		
ELEM 9 ===== LENGTH = 5.008719					
LOAD -P7					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.030414	0.753799		-0.000893
0.108134		0.073155	-28.721245		
1.00000		-0.030414	0.753799		-0.000893
0.108134		0.074274	-29.665282		
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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
T					
0.00000		-0.030414	0.753799		-0.000893
0.108134		0.073155	-28.721245		
1.00000		-0.030414	0.753799		-0.000893
0.108134		0.074274	-29.665282		
LOAD -P8					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.030414	0.753799		-0.000893
0.108134		0.073155	-28.721245		
1.00000		-0.030414	0.753799		-0.000893
0.108134		0.074274	-29.665282		
LOAD -P9					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.030414	0.753799		-0.000893
0.108134		0.073155	-28.721245		
1.00000		-0.030414	0.753799		-0.000893
0.108134		0.074274	-29.665282		
LOAD -P10					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.030414	0.753799		-0.000893
0.108134		0.073155	-28.721245		
1.00000		-0.030414	0.753799		-0.000893
0.108134		0.074274	-29.665282		

-1.029427	-0.151772	160.467480			
0.25000	0.171356	-4.105690	0.002439		
-1.029427	-0.154827	165.608543			
0.50000	0.171356	-4.105690	0.002439		
-1.029427	-0.157881	170.749606			
0.75000	0.171356	-4.105690	0.002439		
-1.029427	-0.160936	175.890668			
1.00000	0.171356	-4.105690	0.002439		
-1.029427	-0.163990	181.031731			
LOAD -A2					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.029181	0.757618		-0.001468
0.195930	0.067309	-29.665007			
0.25000	-0.029181	0.757618			-0.001468
0.195930	0.069147	-30.613681			
0.50000	-0.029181	0.757618			-0.001468
0.195930	0.070986	-31.562355			
0.75000	-0.029181	0.757618			-0.001468
0.195930	0.072824	-32.511028			
1.00000	-0.029181	0.757618			-0.001468
0.195930	0.074662	-33.459702			
LOAD -2N+1					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-1.949912	25.822882		0.009946
7.415741	0.145406	-980.913736			
0.25000	-1.949912	25.822882			0.009946
7.415741	0.132952	-1013.249			
0.50000	-1.949912	25.822882			0.009946
7.415741	0.120498	-1045.584			
0.75000	-1.949912	25.822882			0.009946
7.415741	0.108045	-1077.918			
1.00000	-1.949912	25.822882			0.009946
7.415741	0.095591	-1110.253			
LOAD -2N+2					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-1.949912	25.822882		-0.009946
7.415741	-0.145406	980.913736			
0.25000	1.949912	-25.822882			-0.009946
7.415741	-0.132952	1013.249			
0.50000	1.949912	-25.822882			-0.009946
7.415741	-0.120498	1045.584			
0.75000	1.949912	-25.822882			-0.009946
7.415741	-0.108045	1077.918			
1.00000	1.949912	-25.822882			-0.009946
7.415741	-0.095591	1110.253			
Program SAP2000 Nonlinear Version 7.42					
File:2교부산방향S1-S404.OUT					
< UNEQUAL Page SETTLEMENT 49 >					
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
T					
0.00000		-1.949912	25.822882		0.047039
7.415741	0.200417	-980.913736			
0.25000	1.949912	-25.822882			0.047039
7.415741	0.245026	-1013.249			
0.50000	1.949912	-25.822882			0.047039
7.415741	0.289635	-1045.584			
0.75000	1.949912	-25.822882			0.047039
7.415741	0.334245	-1077.918			
1.00000	1.949912	-25.822882			0.047039
7.415741	0.378854	-1110.253			
COMB SETTLE ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-1.949912	-25.822882		-0.035625
-7.415741	-0.151772	-980.913736			
0.25000	-1.949912	-25.822882			-0.035625
-7.415741	-0.181221	-1013.249			
0.50000	-1.949912	-25.822882			-0.035625
-7.415741	-0.240123	-1045.584			
0.75000	-1.949912	-25.822882			-0.035625
-7.415741	-0.299024	-1077.918			
1.00000	-1.949912	-25.822882			-0.035625
-7.415741	-0.357925	-1110.253			
ELEM 10 ===== LENGTH = 5.009956					
LOAD -P7					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-1.409018	10.053160		0.057354
4.139831	-0.111776	-409.285470			
0.25000	-1.409018	10.053160			0.057354
4.139831	-0.182611	-421.876944			
0.50000	-1.409018	10.053160			0.057354
4.139831	-0.255446	-434.468417			
0.75000	-1.409018	10.053160			0.057354
4.139831	-0.327281	-447.059890			
1.00000	-1.409018	10.053160			0.057354
4.139831	-0.399115	-459.651363			
LOAD -P8					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		1.829685	-22.656328		-0.032382
-5.918323	-0.043715	929.195704			
0.25000	1.829685	-22.656328			-0.032382
-5.918323	-0.003156	957.572509			
0.50000	1.829685	-22.656328			-0.032382
-5.918323	0.037402	985.949314			
0.75000	1.829685	-22.656328			-0.032382
-5.918323	0.077960	1014.326			
1.00000	1.829685	-22.656328			-0.032382
-5.918323	0.118519	1042.703			
LOAD -P9					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.552630	15.993868		-0.026645
2.972521	0.202172	-667.480489			
0.25000	-0.552630	15.993868			-0.026645
2.972521	0.235444	-687.512634			
0.50000	-0.552630	15.993868			-0.026645
2.972521	0.268916	-707.544741			
0.75000	-0.552630	15.993868			-0.026645
2.972521	0.302288	-727.576924			
1.00000	-0.552630	15.993868			-0.026645
2.972521	0.335660	-747.609069			
LOAD -P10					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		0.158481	-4.156091		0.004115
-1.479815	-0.110551	181.029569			
0.25000	0.158481	-4.156091			0.004115
-1.479815	-0.115704	186.235027			
0.50000	0.158481	-4.156091			0.004115

0.00000	1.027360	-39.060921	-0.132371	0.00000	1.134297	-38.402429	-0.081814	0.00000	1.243808	-37.898508	-0.075078	0.50000	1.384983	-37.565886	-0.095728
0.088527	0.033059	-733.247844		-0.421818	0.421282	-443.080879		-0.002646	0.025489	-443.103257		-1.418684	0.024215	-159.183400	
0.75000	1.027360	-39.060921	-0.132371					0.25000	1.243808	-37.898508	-0.075078	0.75000	1.384983	-37.565886	-0.095728
0.088527	0.088527	0.98811	-684.336785					-1.002646	0.119518	-395.638700		-1.418684	0.324096	-112.139437	
1.00000	1.027360	-39.060921	-0.132371					0.50000	1.243808	-37.898508	-0.075078	1.00000	1.384983	-37.565886	-0.095728
0.088527	0.364563	-635.425725						-1.002646	0.213546	-348.174144		-1.418684	0.443977	-65.095475	
LOAD -P10 -----															
REL_DIST	T	M2	P	M3	V2	V3		REL_DIST	T	M2	P	M3	V2	V3	
0.00000	-0.454242	18.050986						0.00000	-0.454375	17.850261					
-2.158003	0.008836	222.899717						-1.834022	0.242645	-47.233972					
0.25000	-0.454242	18.050986						0.25000	-0.454537	17.850261					
-2.158003	0.008863	200.296746						-1.834022	0.225204	-69.590205					
0.50000	-0.454242	18.050986						0.50000	-0.454537	17.850261					
-2.158003	0.008930	177.693775						-1.834022	0.207763	-91.946437					
0.75000	-0.454242	18.050986						Program	SAP2000	Nonlinear	Version	7.42			
-2.158003	0.008977	155.090804						File:2교부산방형S1-S404.OUT							
1.00000	-0.454242	18.050986													
-2.158003	0.009024	132.487833													
LOAD -A2 -----															
REL_DIST	T	M2	P	M3	V2	V3		REL_DIST	T	M2	P	M3	V2	V3	
0.00000	0.093221	-3.321389						0.00000	-0.511315	17.898313					
0.461201	0.005563	-24.463572						-2.162690	0.189930	42.432128					
0.25000	0.093221	-3.321389						0.25000	-0.511315	17.898313					
0.461201	-0.002068	-20.304234						-2.162690	0.180081	20.016061					
0.50000	0.093221	-3.321389						0.50000	-0.511315	17.898313					
0.461201	-0.009699	-16.144897						-2.162690	0.170233	-2.400006					
Program	SAP2000	Nonlinear	Version	7.42				0.75000	-0.511315	17.898313					
File:2교부산방형S1-S404.OUT								-2.162690	0.160384	-24.816072					
Page SETTLEMENT 55															
<	UNEQUAL						>	REL_DIST	T	M2	P	M3	V2	V3	
F R A M E	E L E M E N T	I N T E R N A L						0.00000	0.098238	-3.308003					
REL_DIST	T	M2	P	M3	V2	V3		0.437365	-0.043376	-7.825724					
0.75000	0.093221	-3.321389						0.25000	0.098238	-3.308003					
0.461201	-0.017329	-11.985559						0.437365	-0.048985	-3.682740					
0.100000	0.093221	-3.321389						0.50000	0.098238	-3.308003					
0.461201	-0.024960	-7.826222						0.437365	-0.054594	0.460244					
LOAD -2N+1-----															
REL_DIST	T	M2	P	M3	V2	V3		REL_DIST	T	M2	P	M3	V2	V3	
0.75000	0.093221	-3.321389						0.00000	0.322147	-53.291096					
0.461201	-0.017329	-11.985559						-1.051518	-0.189376	-835.632619					
0.100000	0.093221	-3.321389						0.25000	0.322147	-53.291096					
0.461201	-0.024960	-7.826222						-1.051518	-0.127052	-768.890196					
0.00000	0.246892	-54.224400						0.50000	0.322147	-53.291096					
0.003093	-0.193604	-1107.233						-1.051518	-0.064728	-702.147774					
0.25000	0.246892	-54.224400						0.75000	0.322147	-53.291096					
0.003093	-0.112414	-1039.328						-1.051518	-0.002405	-635.405351					
0.50000	0.246892	-54.224400						1.00000	0.322147	-53.291096					
0.003093	-0.031223	-971.423570						-1.051518	0.059919	-568.662929					
0.75000	0.246892	-54.224400						LOAD -2N+2-----							
0.003093	0.049968	-903.518969						REL_DIST	T	M2	P	M3	V2	V3	
0.003093	0.131159	-835.614368						0.00000	-0.322147	53.291096					
LOAD -2N+2-----															
REL_DIST	T	M2	P	M3	V2	V3		REL_DIST	T	M2	P	M3	V2	V3	
0.00000	-0.246892	54.224400						1.051518	0.189376	835.632619					
-0.003093	0.193604	1107.233						0.25000	-0.322147	53.291096					
0.25000	-0.246892	54.224400						1.051518	0.127052	768.890196					
-0.003093	0.112414	1039.328						0.50000	-0.322147	53.291096					
0.00000	0.246892	-54.224400						0.75000	0.064728	702.147774					
-0.003093	0.031223	971.423570						1.051518	-0.322147	53.291096					
0.75000	-0.246892	54.224400						0.50000	0.002405	635.405351					
-0.003093	-0.049968	903.518969						-1.051518	-0.059919	568.662929					
1.00000	-0.246892	54.224400						Program	SAP2000	Nonlinear	Version	7.42			
-0.003093	-0.131159	835.614368						File:2교부산방형S1-S404.OUT							
COMB SETTLE ----- MAX															
REL_DIST	T	M2	P	M3	V2	V3		<	UNEQUAL						>
0.00000	1.027360	-39.060921	-0.132371	0.00000	1.134297	-38.402429	-0.081814	F R A M E	E L E M E N T	I N T E R N A L					
-1.212980	0.778650	1384.944						COMB SETTLE	-----	MAX					
0.25000	1.027360	-39.060921	-0.132371					REL_DIST	T	M2	P	M3	V2	V3	
1.212980	0.573185	1315.513						0.00000	-0.980626	-54.224400					
0.50000	1.027360	-39.060921	-0.132371					-2.317970	-0.210632	-1107.233					
1.212980	0.367720	1246.083						0.25000	-0.980626	-54.224400					
0.75000	1.027360	-39.060921	-0.132371					-2.317970	-0.224265	-1039.328					
1.212980	0.198811	1176.652						0.50000	-0.980626	-54.224400					
1.00000	1.027360	-39.060921	-0.132371					-2.317970	-0.237898	-971.423570					
1.212980	0.364563	1107.221						0.75000	-0.980626	-54.224400					
Program	SAP2000	Nonlinear	Version	7.42				1.00000	-0.980626	-54.224400					
File:2교부산방형S1-S404.OUT								-2.317970	-0.251531	-903.518969					
<	UNEQUAL						>	1.00000	-0.980626	-54.224400					
F R A M E	E L E M E N T	I N T E R N A L						-2.317970	-0.256164	-835.614368					
COMB SETTLE	-----	MIN						ELEM 14 ===== LENGTH =							
REL_DIST	T	M2	P	M3	V2	V3		LOAD	-P7 -----						
0.00000	-0.932071	-55.448103						REL_DIST	T	M2	P	M3	V2	V3	
-2.158003	-0.778650	-1384.944						0.00000	-1.019899	-12.084584					
0.25000	-0.932071	-55.448103						-0.486237	-0.171489	-384.703637					
-2.158003	-0.573185	-1315.513						0.25000	-1.019899	-12.084584					
0.50000	-0.932071	-55.448103						-0.486237	-0.197584	-369.569756					
-2.158003	-0.445758	-1246.083						0.50000	-1.019899	-12.084584					
0.75000	-0.932071	-55.448103						-0.486237	-0.223680	-354.433874					
-2.158003	-0.395743	-1176.652						0.75000	-1.019899	-12.084584					
1.00000	-0.932071	-55.448103						-2.317970	-0.249776	-339.298992					
-2.158003	-0.345728	-1107.221						1.00000	-1.019899	-12.084584					
ELEM 13 ===== LENGTH =															
LOAD	-P7 -----							-0.486237	-0.275872</						

P9																				T										M2										M3																																							
REL	DIST	M2	P	M3	V2	V3	<	UNEQUAL	Page	SETTLEMENT	>											REL	DIST	M2	P	M3	V2	V3	<	UNEQUAL	Page	SETTLEMENT	>																																														
FRAME ELEMENT INTERNAL FORCES																				LOAD										P9																				LOAD										P9																			
REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3																																							
0.00000	1.522383	-37.413720		-0.112863											0.00000	1.811428	-37.461991		-0.101966											0.00000	1.949059	-37.708377		-0.070142																																													
-1.805284	-0.015744	-65.124402		-0.112863											-3.054214	0.274947	309.505625		-0.101966											0.50000	0.414622	497.129355		-0.070142																																													
0.25000	1.522383	-37.413720		-0.112863											0.50000	1.811428	-37.461991		-0.101966											0.25000	1.949059	-37.708377		-0.070142																																													
-1.805284	0.125611	-18.265587		-0.112863											-3.054214	0.402639	356.419252		-0.101966											0.75000	-0.453592	34.524156		-0.070142																																													
0.50000	1.522383	-37.413720		-0.112863											0.50000	1.811428	-37.461991		-0.101966											2.084518	-0.612223	-205.629795		-0.070142																																													
-1.805284	0.266966	28.593228		-0.112863											-3.054214	0.530332	403.332879		-0.101966											1.00000	-0.453592	34.524156		-0.070142																																													
0.75000	1.522383	-37.413720		-0.112863											-3.054214	0.658024	450.246506		-0.101966											2.084518	-0.612223	-205.629795		-0.070142																																													
-1.805284	0.408321	75.452043		-0.112863											1.00000	1.811428	-37.461991		-0.101966											1.00000	-0.453592	34.524156		-0.070142																																													
1.00000	1.522383	-37.413720		-0.112863											-3.054214	0.785717	497.160133		-0.101966											2.084518	-0.746827	-248.862645		-0.070142																																													
-1.805284	0.549676	122.310858		-0.112863																																																																											
P10																																																																															
REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3																																							
0.00000	-0.570046	17.856633		0.015249											0.00000	-0.603117	17.934608		0.001149											0.00000	1.949059	-37.708377		-0.070142																																													
-1.375626	0.249478	-136.659953		0.015249											0.104121	0.172241	-315.661131		0.001149											-3.747718	0.502461	544.349579		-0.070142																																													
0.25000	-0.570046	17.856633		0.015249											0.25000	-0.603117	17.934608		0.001149											0.50000	1.949059	-37.708377		-0.070142																																													
-1.375626	0.230380	-159.024493		0.015249											0.104121	0.170802	-338.120629		0.001149											-3.747718	0.590296	591.569869		-0.070142																																													
0.50000	-0.570046	17.856633		0.015249											0.50000	-0.603117	17.934608		0.001149											0.75000	1.949059	-37.708377		-0.070142																																													
-1.375626	0.211282	-181.389034		0.015249											0.104121	0.169363	-360.580127		0.001149											-3.747718	0.687132	638.790158		-0.070142																																													
0.75000	-0.570046	17.856633		0.015249											0.104121	0.169987	62.518621		0.001149											1.00000	1.949059	-37.708377		-0.070142																																													
-1.375626	0.192184	-203.753575		0.015249											0.104121	0.167924	-383.039825		0.001149											-3.747718	0.765967	686.010447		-0.070142																																													
1.00000	-0.700044	17.856633		0.015249											0.00000	-0.594934	17.874699		0.012119											LOAD	-P10	-----																																															
-1.375626	0.173086	-226.118115		0.015249											-0.728614	0.222320	-226.118223		0.012119											REL	DIST	M2	P <td>M3<th>V2</th><th>V3</th><td colspan="10"></td></td>	M3 <th>V2</th> <th>V3</th> <td colspan="10"></td>	V2	V3																																											
A2																																																																															
REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3																																							
0.00000	0.109515	-3.301537		0.003208											0.00000	-0.594934	17.874699		0.012119											0.00000	-0.606097	18.068868		-0.017367																																													
0.296021	-0.115200	25.278505		0.003208											-0.728614	0.222320	-226.118223		0.012119											0.934305	0.131933	-405.498117		-0.017367																																													
0.25000	0.109515	-3.301537		0.003208											-0.728614	0.176788	-293.275785		0.012119											0.25000	-0.606097	18.068868		-0.017367																																													
0.296021	-0.119218	29.413515		0.003208											0.50000	-0.594934	17.874699		0.012119											0.934305	0.153680	-428.124844		-0.017367																																													
0.50000	0.109515	-3.301537		0.003208											-0.728614	0.191966	-270.889931		0.012119											0.50000	-0.606097	18.068868		-0.017367																																													
0.296021	-0.122337	33.548525		0.003208											-0.728614	0.176788	-293.275785		0.012119											0.75000	-0.606097	18.068868		-0.017367																																													
0.75000	0.109515	-3.301537		0.003208											-0.728614	0.161611	-315.661639		0.012119											0.934305	0.171715	-473.378300		-0.017367																																													
0.296021	-0.127255	37.683535		0.003208											LOAD	-A2	-----														1.00000	-0.606097	18.068868		-0.017367																																												
1.00000	0.109515	-3.301537		0.003208											REL	DIST	M2	P <td>M3<th>V2</th><th>V3</th><td colspan="10"></td><td>0.934305</td><td>0.218922</td><td>-496.005027</td><td></td><td>-0.017367</td><td colspan="10"></td></td>	M3 <th>V2</th> <th>V3</th> <td colspan="10"></td> <td>0.934305</td> <td>0.218922</td> <td>-496.005027</td> <td></td> <td>-0.017367</td> <td colspan="10"></td>	V2	V3											0.934305	0.218922	-496.005027		-0.017367																																											
0.296021	-0.131274	41.818545		0.003208											0.00000	-0.141094	41.818659		0.003533					LOAD	-A2	-----																																																					
2N+1																																																																															
REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3																																							
0.00000	0.584518	-52.365606		-0.118514											0.00000	0.114343	-3.304210		0.003533					REL	DIST	M2	P <td>M3<th>V2</th><th>V3</th><td colspan="10"></td></td>	M3 <th>V2</th> <th>V3</th> <td colspan="10"></td>	V2	V3																																																	
-1.682805	-0.406350	-304.890434		-0.118514											0.25000	-0.141094	41.818659		0.003533					0.00000	0.116742	-3.327900		0.005932																																																			
0.25000	0.584518	-52.365606		-0.118514											0.75000	-0.145518	45.956774		0.003533					0.25000	0.116742	-3.327900		0.005932																																																			
-1.682805	-0.257918	-239.305129		-0.118514											0.172499	-0.141094	41.818659		0.003533					0.50000	0.116742	-3.327900		0.005932																																																			
0.50000	0.584518	-52.365606		-0.118514											0.172499	-0.154366	54.233003		0.003533					0.75000	-0.145518	45.956774		0.003533																																																			
-1.682805	-0.109486	-173.719825		-0.118514											0.172499	-0.141343	41.818659		0.003533					1.00000	-0.606097	18.068868		-0.017367																																																			
1.00000	0.584518	-52.365606		-0.118514											0.172499	-0.158790	58.371118		0.003533					LOAD	-2N+1	-----																																																					
-1.682805	-0.187379	-42.549216		-0.118514											LOAD	-2N+1	-----														REL	DIST	M2	P <td>M3<th>V2</th><th>V3</th><td colspan="10"></td></td>	M3 <th>V2</th> <th>V3</th> <td colspan="10"></td>	V2	V3																																										
SAP2000 Nonlinear Version 7.42																																																																															
File:2교부선방향S1-S404.OUT																																																																															
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<	UNEQUAL	Page	SETTLEMENT	>											<	UNEQUAL	Page	SETTLEMENT	>											<	UNEQUAL	Page	SETTLEMENT	>																																													
FRAME ELEMENT INTERNAL FORCES																																																																															
REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3																																							
0.75000	0.584518	-52.365606		-0.118514											0.75000	0.116062	-3.311933		0.004530											0.00000	0.116742	-3.327900		0.005932																																													
-1.682805	0.038947	-108.134520		-0.118514											0.003148	-0.178333	70.813685		0.004530											-0.190429	0.116742	-3.327900		0.005932																																													
0.10000	0.584518	-52.365606		-0.118514											1.00000	0.116062	-3.311933		0.004530											0.25000	0.116742	-3.327900		0.005932																																													
-1.682805	-0.187379	-42.549216		-0.118514											0.003148	-0.184006	74.961217		0.004530											0.50000	0.116742	-3.327900		0.005932																																													
2N+2																																																																															
REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3																																							
0.00000	-0.752352	52.278380		0.136536											0.75000	0.116062	-3.311933		0.004530											0.00000	0.116742	-3.327900		0.005932																																													
1.913566	0.309130	42.580068		0.136536											0.003148	-0.178333	70.813685		0.004530											-0.190429	0.116742	-3.327900		0.005932																																													
0.25000	-0.752352	52.278380		0.136536											1.00000	0.116062	-3.311933		0.004530											0.25000	0.116742	-3.327900		0.005932																																													
1.913566	0.138135	-22.892151		0.136536											0.003148	-0.184006	74.961217		0.004530											0.50000	0.116742	-3.327900		0.005932																																													
0.50000	0.752352	-52.278380		0.136536											LOAD	-2N+1	-----														0.75000	-0.145518	45.956774		0.003533																																												
-1.913566	0.032859	88.364370		0.136536											0.25000	-0.141094	41.818659		0.003533					0.172499	-0.154366	54.233003		0.003533																																																			
0.75000	0.752352	-52.278380		0.136536											0.172499	-0.141343	41.818659		0.003533					0.172499	-0.158790	58.371118		0.003533																																																			
-1.913566	0.203653	153.836589		0.136536											0.172499	-0.154366	54.233003		0.003533					LOAD	-2N+2	-----																																																					
1.913566	0.752352	-52.278380		0.136536											0.172499	-0.158790	58.371118		0.003533					REL	DIST	M2	P <td>M3<th>V2</th><th>V3</th><td colspan="10"></td></td>	M3 <th>V2</th> <th>V3</th> <td colspan="10"></td>	V2	V3																																																	
-1.913566	0.374848	219.308808		0.136536											0.00000	-0.752352	52.278380		0.136536					0.00000	-0.752352	52.278380		0.136536																																																			
2N+2																																																																															
REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3											REL	DIST	M2	P	M3	V2	V3																																							
0.00000	-0.752352	52.278380		0.136536											1.913566	0.309130	42.580068		0.136536					0.00000	-0.752352	52.278380		0.136536																																																			
1.913566	0.309130	42.580068		0.136536											0.25000	-0.752352	52.278380		0.136536					0.25000	-0.752352	52.278380		0.136536																																																			
0.25000	-0.752352	52.278380		0.136536											1.91																																																																

1.844455	-0.412018	-292.388878			
0.50000	-0.593193	34.782328	0.089580		
1.844455	-0.524191	-335.943413			
0.75000	-0.593193	34.782328	0.089580		
1.844455	-0.636363	-379.497948			
1.00000	-0.593193	34.782328	0.089580		
1.844455	-0.748536	-423.052483			
LOAD -P9 -----					
REL_DIST	M2	P	V2	V3	
T	2.054232	-38.202163			
0.00000	2.054232	-38.202163	-0.038554		
-3.963688	0.455706	685.982356			
0.25000	2.054232	-38.202163	-0.038554		
-3.963688	0.503982	733.819218			
0.50000	2.054232	-38.202163	-0.038554		
-3.963688	0.552259	781.656080			
0.75000	2.054232	-38.202163	-0.038554		
-3.963688	0.600536	829.492942			
1.00000	2.054232	-38.202163	-0.038554		
-3.963688	0.648613	877.329805			
LOAD -P10 -----					
REL_DIST	M2	P	V2	V3	
T	-0.587320	18.333495			
0.00000	-0.587320	18.333495	-0.034564		
1.476292	0.136249	-496.004637			
0.25000	-0.587320	18.333495	-0.034564		
1.476292	0.179530	-518.961895			
0.50000	-0.587320	18.333495	-0.034564		
1.476292	0.222611	-541.919153			
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F R A M E E L E M E N T I N T E R N A L					
REL_DIST	M2	P	V2	V3	
0.75000	-0.587320	18.333495	-0.034564		
1.476292	0.266093	-564.876410			
1.00000	-0.587320	18.333495	-0.034564		
1.476292	0.309374	-587.833668			
LOAD -A2 -----					
REL_DIST	M2	P	V2	V3	
T	0.113219	-3.357711			
0.00000	0.113219	-3.357711	0.006792		
-0.369344	-0.191517	91.630126			
0.25000	0.113219	-3.357711	0.006792		
-0.369344	-0.200522	95.834662			
0.50000	0.113219	-3.357711	0.006792		
-0.369344	-0.208528	100.039197			
0.75000	0.113219	-3.357711	0.006792		
-0.369344	-0.217033	104.243733			
1.00000	0.113219	-3.357711	0.006792		
-0.369344	-0.225538	108.448269			
LOAD -2N+1-----					
REL_DIST	M2	P	V2	V3	
T	1.180513	-53.115824			
0.00000	1.180513	-53.115824	-0.055016		
-3.320747	0.163597	-744.838980			
0.25000	1.180513	-53.115824	-0.055016		
-3.320747	0.232488	-811.350773			
0.50000	1.180513	-53.115824	-0.055016		
-3.320747	0.301379	-877.862566			
0.75000	1.180513	-53.115824	-0.055016		
-3.320747	0.370271	-944.374359			
1.00000	1.180513	-53.115824	-0.055016		
-3.320747	0.439162	-1010.886			
LOAD -2N+2-----					
REL_DIST	M2	P	V2	V3	
T	-1.180513	53.115824			
0.00000	-1.180513	53.115824	0.055016		
3.320747	-0.163597	-744.838980			
1.25000	-1.180513	53.115824	0.055016		
3.320747	-0.232488	-811.350773			
0.50000	-1.180513	53.115824	0.055016		
3.320747	-0.301379	-877.862566			
0.75000	-1.180513	53.115824	0.055016		
3.320747	-0.370271	-944.374359			
1.00000	-1.180513	53.115824	0.055016		
3.320747	-0.439162	-1010.886			
COMB SETTLE ----- MAX					
REL_DIST	M2	P	V2	V3	
T	2.054232	53.115824			
0.00000	2.054232	53.115824	0.089580		
3.320747	0.455706	744.838980			
0.25000	2.054232	53.115824	0.089580		
3.320747	0.503982	811.350773			
0.50000	2.054232	53.115824	0.089580		
3.320747	0.552259	877.862566			
0.75000	2.054232	53.115824	0.089580		
3.320747	0.600536	944.374359			
1.00000	2.054232	53.115824	0.089580		
3.320747	0.648613	1010.886			
COMB SETTLE ----- MIN					
REL_DIST	M2	P	V2	V3	
T	-1.180513	-53.115824			
0.00000	-1.180513	-53.115824	-0.055016		
-3.963688	-0.299846	-744.838980			
0.25000	-1.180513	-53.115824	-0.055016		
-3.963688	-0.412018	-811.350773			
0.50000	-1.180513	-53.115824	-0.055016		
-3.963688	-0.524191	-877.862566			
0.75000	-1.180513	-53.115824	-0.055016		
-3.963688	-0.636363	-944.374359			
1.00000	-1.180513	-53.115824	-0.055016		
-3.963688	-0.748536	-1010.886			
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F R A M E E L E M E N T I N T E R N A L					
ELEM	21	=====	LENGTH =		
5.009719					
LOAD -P7 -----					
REL_DIST	M2	P	V2	V3	
T	-0.962579	-11.579612			
0.00000	-0.962579	-11.579612	-0.019947		
1.002502	-0.051608	25.108324			
0.25000	-0.962579	-11.579612	-0.019947		
1.002502	-0.062625	39.610975			
0.50000	-0.962579	-11.579612	-0.019947		
1.002502	-0.01642	54.113625			
0.75000	-0.962579	-11.579612	-0.019947		
1.002502	0.023340	68.616275			
1.00000	-0.962579	-11.579612	-0.019947		
1.002502	0.048323	83.118925			

LOAD -P8 -----					
REL_DIST	M2	P	V2	V3	
0.00000	-0.739221		35.267135		
1.495910	-0.341382	-423.026348			0.094730
0.25000	-0.739221		35.267135		0.094730
1.495910	-0.460024	-467.195954			
0.50000	-0.739221		35.267135		0.094730
1.495910	-0.578667	-511.365560			
0.75000	-0.739221		35.267135		0.094730
1.495910	-0.697309	-555.535166			
1.00000	-0.739221		35.267135		0.094730
1.495910	-0.815952	-599.704772			
LOAD -P9 -----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	2.154355	-39.101136			-0.052773
-3.638900	0.423186	877.304867			
0.25000	2.154355	-39.101136			-0.052773
-3.638900	0.489280	926.276289			
0.50000	2.154355	-39.101136			-0.052773
-3.638900	0.555375	975.247712			
0.75000	2.154355	-39.101136			-0.052773
-3.638900	0.621469	1024.219			
1.00000	2.154355	-39.101136			-0.052773
-3.638900	0.687563	1073.191			
LOAD -P10 -----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-0.560359	18.825909			-0.027240
1.701683	0.166684	-587.834619			
0.25000	-0.560359	18.825909			-0.027240
1.701683	0.200800	-611.412748			
0.50000	-0.560359	18.825909			-0.027240
1.701683	0.234916	-634.990874			
0.75000	-0.560359	18.825909			-0.027240
1.701683	0.269033	-658.596001			
1.00000	-0.560359	18.825909			-0.027240
1.701683	0.303149	-682.147128			
LOAD -A2 -----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	0.107805	-3.412296			0.005231
-0.561195	-0.196880	108.447776			
0.25000	0.107805	-3.412296			0.005231
-0.561195	-0.203431	112.721437			
0.50000	0.107805	-3.412296			0.005231
-0.561195	-0.209982	116.995097			
0.75000	0.107805	-3.412296			0.005231
-0.561195	-0.216533	121.268758			
1.00000	0.107805	-3.412296			0.005231
-0.561195	-0.223084	125.542418			
LOAD -2N+1-----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	1.299581	-54.093044			-0.067490
-3.197594	0.174698	1010.861			
0.25000	1.299581	-54.093044			-0.067490
-3.197594	0.259224	1078.609			
0.50000	1.299581	-54.093044			-0.067490
-3.197594	0.343750	-1146.356			
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F R A M E E L E M E N T I N T E R N A L					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.75000	1.299581	-54.093044			-0.067490
-3.197594	0.428276	1214.104			
1.00000	1.299581	-54.093044			-0.067490
-3.197594	0.512803	1281.852			
LOAD -2N+2-----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-1.299581	54.093044			0.067490
3.197594	-0.174698	-1010.861			
0.25000	-1.299581	54.093044			0.067490
3.197594	-0.259224	-1078.609			
0.50000	-1.299581	54.093044			0.067490
3.197594	-0.343750	-1146.356			
0.75000	-1.299581	54.093044			0.067490
3.197594	-0.428276	-1214.104			
1.00000	-1.299581	54.093044			0.067490
3.197594	-0.512803	-1281.852			
COMB SETTLE ----- MAX					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	2.154355	54.093044			0.094730
3.197594	0.423186	1010.861			
0.25000	2.154355	54.093044			0.094730
3.197594	0.489280	1078.609			
0.50000	2.154355	54.093044			0.094730
3.197594	0.555375	1146.356			
0.75000	2.154355	54.093044			0.094730
3.197594	0.621469	1214.104			
1.00000	2.154355	54.093044			0.094730
3.197594	0.687563	1281.852			
COMB SETTLE ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-1.299581	-54.093044			-0.067490
-3.638900	-0.341382	-1010.861			
-3.638900	-0.460024	-1078.609			-0.067490
0.50000	-1.299581	-54.093044			-0.067490
-3.638900	-0.578667	-1146.356			
0.75000	-1.299581	-54.093044			-0.067490
-3.638900	-0.697309	-1214.104			
1.00000	-1.299581	-54.093044			-0.067490
-3.638900	-0.815952	-1281.852			
ELEM 22 ===== LENGTH =					
LOAD -P7 -----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-0.423242	-11.608544			-0.018973
0.867421	-0.009410	83.118666			
0.25000	-0.423242	-11.608544			-0.018973
0.867421	0.014351	97.657408			
0.50000	-0.423242	-11.608544			-0.018973
0.867421	0.038113	112.196149			
0.75000	-0.423242	-11.608544			-0.018973
0.867421	0.061875	126.734891			
1.00000	-0.423242	-11.608544			-0.018973
0.867421	0.085637	141.273633			

0.541921	-0.046717	112.722556			
1.00000	-0.068338	3.412091	0.002489		
0.541921	-0.049834	108.449148			
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FRAME ELEMENT INTERNAL FORCES					
LOAD -P8					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	0.404734	-18.821761	-0.001729		
-1.621410	-0.347628	-682.113839			
0.25000	0.404734	-18.821761	-0.001729		
-1.621410	-0.345462	-658.540885			
0.50000	0.404734	-18.821761	-0.001729		
-1.621410	-0.343296	-634.967930			
0.75000	0.404734	-18.821761	-0.001729		
-1.621410	-0.341131	-611.394976			
1.00000	0.404734	-18.821761	-0.001729		
-1.621410	-0.338965	-587.822021			
LOAD -P9					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	0.052650	39.096096		0.091541	
3.527120	0.298918	1073.122			
0.25000	0.052650	39.096096		0.091541	
3.527120	0.184270	1024.157			
0.50000	0.052650	39.096096		0.091541	
3.527120	0.086922	975.192080			
0.75000	0.052650	39.096096		0.091541	
3.527120	-0.045027	926.226292			
1.00000	0.052650	39.096096		0.091541	
3.527120	-0.159675	877.261763			
LOAD -P10					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	1.79301	-35.267105	-0.108905		
-1.446086	0.228016	-599.653674			
0.25000	1.79301	-35.267105	-0.108905		
-1.446086	0.364412	-555.490062			
0.50000	1.79301	-35.267105	-0.108905		
-1.446086	0.500808	-511.320449			
0.75000	1.79301	-35.267105	-0.108905		
-1.446086	0.637205	-467.150837			
1.00000	1.79301	-35.267105	-0.108905		
-1.446086	0.773601	-422.981225			
LOAD -A2					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-1.568347	11.580679	0.016605		
-1.001545	-0.141941	83.108334			
0.25000	-1.568347	11.580679	0.016605		
-1.001545	-0.162738	68.604335			
0.50000	-1.568347	11.580679	0.016605		
-1.001545	-0.183534	54.100335			
0.75000	-1.568347	11.580679	0.016605		
-1.001545	-0.204331	39.596335			
1.00000	-1.568347	11.580679	0.016605		
-1.001545	-0.225127	25.092336			
LOAD -2N+1					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-1.584035	54.088866	0.110634		
3.067496	0.119612	1281.774			
0.25000	-1.584035	54.088866	0.110634		
-3.067496	-0.018950	1214.031			
0.50000	-1.584035	54.088866	0.110634		
3.067496	-0.157512	1146.288			
0.75000	-1.584035	54.088866	0.110634		
3.067496	-0.296074	1078.546			
1.00000	-1.584035	54.088866	0.110634		
3.067496	-0.434636	1010.803			
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COMB SETTLE ----- MAX					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	1.584035	54.088866	0.110634		
3.527120	0.298918	1281.774			
0.25000	1.584035	54.088866	0.110634		
3.527120	0.364412	1214.031			
0.50000	1.584035	54.088866	0.110634		
3.527120	0.500808	54.088866			
0.75000	1.584035	54.088866	0.110634		
3.527120	0.637205	1078.546			
1.00000	1.584035	54.088866	0.110634		
3.527120	0.773601	1010.803			
COMB SETTLE ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-1.584035	54.088866	-0.110634		
-3.067496	-0.347628	-1281.774			
0.25000	-1.584035	54.088866	-0.110634		
-3.067496	-0.345462	-1214.031			
0.50000	-1.584035	54.088866	-0.110634		
-3.067496	-0.343296	-1146.288			
0.75000	-1.584035	54.088866	-0.110634		
-3.067496	-0.341131	-1078.546			
1.00000	-1.584035	54.088866	-0.110634		
-3.067496	-0.434636	-1010.803			
ELEM 5.008812					
25 ===== LENGTH =					
LOAD -P7					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-0.058411	3.357023	0.000191		
0.373445	-0.070077	108.449466			

0.25000	-0.058411	3.357023	0.000191		
0.373445	-0.070317	104.245792			
0.50000	-0.058411	3.357023	0.000191		
0.373445	-0.070556	100.042118			
0.75000	-0.058411	3.357023	0.000191		
0.373445	-0.070796	95.838444			
1.00000	-0.058411	3.357023	0.000191		
0.373445	-0.071035	91.634769			
LOAD -P8					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	0.344427	-18.328243	0.006522		
-1.514170	-0.203596	-587.820309			
0.25000	0.344427	-18.328243	0.006522		
-1.514170	-0.211762	-564.869629			
0.50000	0.344427	-18.328243	0.006522		
-1.514170	-0.219928	-541.918948			
0.75000	0.344427	-18.328243	0.006522		
-1.514170	-0.228095	-518.968268			
1.00000	0.344427	-18.328243	0.006522		
-1.514170	-0.236261	-496.017588			
LOAD -P9					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	0.015625	38.195186	0.076229		
4.025601	0.041721	877.285064			
0.25000	0.015625	38.195186	0.076229		
4.025601	-0.053733	829.456937			
0.50000	0.015625	38.195186	0.076229		
4.025601	-0.149188	781.628811			
0.75000	0.015625	38.195186	0.076229		
4.025601	-0.244642	733.800685			
1.00000	0.015625	38.195186	0.076229		
4.025601	-0.340096	685.972558			
LOAD -P10					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	1.284695	-34.781330	-0.104014		
-1.877861	0.391346	-423.006440			
0.25000	1.284695	-34.781330	-0.104014		
-1.877861	0.521592	-379.453155			
0.50000	1.284695	-34.781330	-0.104014		
-1.877861	0.651839	-335.899671			
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REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.75000	1.284695	-34.781330	-0.104014		
-1.877861	0.782085	-292.344658			
1.00000	1.284695	-34.781330	-0.104014		
-1.877861	0.912331	-248.793301			
LOAD -A2					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-1.586336	11.557363	0.021072		
-1.007015	-0.159394	25.092219			
0.25000	-1.586336	11.557363	0.021072		
-1.007015	-0.185780	10.620054			
0.50000	-1.586336	11.557363	0.021072		
-1.007015	-0.212166	-3.852110			
0.75000	-1.586336	11.557363	0.021072		
-1.007015	-0.238553	-18.324274			
1.00000	-1.586336	11.557363	0.021072		
-1.007015	-0.264939	-32.796438			
LOAD -2N+1-					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-1.629122	53.109572	0.097492		
3.392031	-0.187750	1010.827			
0.25000	-1.629122	53.109572	0.097492		
3.392031	-0.309830	944.322784			
0.50000	-1.629122	53.109572	0.097492		
3.392031	-0.431910	877.818819			
0.75000	-1.629122	53.109572	0.097492		
-3.392031	-0.553990	811.314854			
1.00000	-1.629122	53.109572	0.097492		
3.392031	-0.676071	744.810889			
LOAD -2N+2-					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	1.629122	53.109572	-0.097492		
-3.392031	0.187750	-1010.827			
0.25000	1.629122	53.109572	-0.097492		
-3.392031	0.309830	-944.322784			
0.50000	1.629122	53.109572	-0.097492		
-3.392031	0.431910	-877.818819			
0.75000	1.629122	53.109572	-0.097492		
-3.392031	0.553990	-811.314854			
1.00000	1.629122	53.109572	-0.097492		
-3.392031	0.676071	-744.810889			
COMB SETTLE ----- MAX					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	1.629122	53.109572	0.097492		
4.025601	0.391346	1010.827			
0.25000	1.629122	53.109572	0.097492		
4.025601	0.521592	944.322784			
0.50000	1.629122	53.109572	0.097492		
4.025601	0.651839	877.818819			
0.75000	1.629122	53.109572	0.097492		
4.025601	0.782085	811.314854			
1.00000	1.629122	53.109572	0.097492		
4.025601	0.912331	744.810889			
COMB SETTLE ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-1.629122	-53.109572	-0.104014		
-3.392031	-0.203596	-1010.827			
0.25000	-1.629122	-53.109572	-0.104014		
-3.392031	-0.309830	-944.322784			
0.50000	-1.629122	-53.109572	-0.104014		
-3.392031	-0.431910	-877.818819			
0.75000	-1.629122	-53.109572	-0.104014		
-3.392031	-0.553990	-811.314854			
1.00000	-1.629122	-53.109572	-0.104014		
-3.392031	-0.676071	-744.810889			
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ELEM	26	=====	LENGTH		

[illegible]

REL_DIST	P	V2	V3
0.00000	-2.466420	-53.295255	-0.093681
-3.144721	-1.778779	-568.709996	
0.25000	-2.466420	-53.295255	-0.093681
-3.144721	-1.896106	-635.457628	
0.50000	-2.466420	-53.295255	-0.093681
-3.144721	-2.013434	-702.205260	
0.75000	-2.466420	-53.295255	-0.093681
-3.144721	-2.130762	-768.952892	
1.00000	-2.466420	-53.295255	-0.093681
-3.144721	-2.248090	-835.700524	

ELEM 32 ===== LENGTH =
5.009186

LOAD -P7 -----

REL_DIST	M2	M3	V2	V3
0.00000	-0.078072	3.321485		0.002049
-0.466499	-0.072715	-7.821826		
0.25000	-0.078072	3.321485		0.002049
-0.466499	-0.075281	-11.981311		
0.50000	-0.078072	3.321485		0.002049
-0.466499	-0.077847	-16.140795		
0.75000	-0.078072	3.321485		0.002049
-0.466499	-0.080412	-20.300280		
1.00000	-0.078072	3.321485		0.002049
-0.466499	-0.082978	-24.459765		

LOAD -P8 -----

REL_DIST	M2	M3	V2	V3
0.00000	0.439694	-17.977228		-0.034730
2.338127	0.352585	42.409240		
0.25000	0.439694	-17.977228		-0.034730
2.338127	0.392607	64.922017		
0.50000	0.439694	-17.977228		-0.034730
2.338127	0.439568	87.434882		
0.75000	0.439694	-17.977228		-0.034730
2.338127	0.483600	109.947703		
1.00000	0.439694	-17.977228		-0.034730
2.338127	0.526552	132.460597		

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REL_DIST	M2	M3	V2	V3
0.00000	-0.921162	38.405995		0.127057
0.429851	-1.371187	-443.093869		
0.25000	-0.921162	38.405995		0.127057
0.429851	-1.530299	-491.189561		
0.50000	-0.921162	38.405995		0.127057
0.429851	-1.689412	-539.285260		
0.75000	-0.921162	38.405995		0.127057
0.429851	-1.848524	-587.380956		
1.00000	-0.921162	38.405995		0.127057
0.429851	-2.007637	-635.476651		

LOAD -P10 -----

REL_DIST	M2	M3	V2	V3
0.00000	2.190582	-36.254971		-0.080843
-2.379962	1.530276	793.272523		
0.25000	2.190582	-36.254971		-0.080843
-2.379962	1.631516	838.674498		
0.50000	2.190582	-36.254971		-0.080843
-2.379962	1.722756	884.076474		
0.75000	2.190582	-36.254971		-0.080843
-2.379962	1.833996	929.478449		
1.00000	2.190582	-36.254971		-0.080843
-2.379962	1.935235	974.880425		

LOAD -A2 -----

REL_DIST	M2	M3	V2	V3
0.00000	-1.631043	12.504719		-0.013532
0.078482	-0.438959	-384.766067		
0.25000	-1.631043	12.504719		-0.013532
0.078482	-0.422012	-400.425684		
0.50000	-1.631043	12.504719		-0.013532
0.078482	-0.405066	-416.085300		
0.75000	-1.631043	12.504719		-0.013532
0.078482	-0.388119	-431.744916		
1.00000	-1.631043	12.504719		-0.013532
0.078482	-0.371173	-447.404532		

LOAD -2N+1-----

REL_DIST	M2	M3	V2	V3
0.00000	-2.630276	54.232199		0.115573
0.041834	-1.882861	835.681763		
0.25000	-2.630276	54.232199		0.115573
0.041834	-2.027593	903.596559		
0.50000	-2.630276	54.232199		0.115573
0.041834	-2.172324	971.511356		
0.75000	-2.630276	54.232199		0.115573
0.041834	-2.317056	1039.426		
1.00000	-2.630276	54.232199		0.115573
0.041834	-2.461787	1107.341		

LOAD -2N+2-----

REL_DIST	M2	M3	V2	V3
0.00000	2.630276	-54.232199		-0.115573
0.041834	1.882861	835.681763		
0.25000	2.630276	-54.232199		-0.115573
0.041834	2.027593	903.596559		
0.50000	2.630276	-54.232199		-0.115573
0.041834	2.172324	971.511356		
0.75000	2.630276	-54.232199		-0.115573
0.041834	2.317056	1039.426		
1.00000	2.630276	-54.232199		-0.115573
0.041834	2.461787	1107.341		

COMB SETTLE ----- MAX

REL_DIST	M2	M3	V2	V3
0.00000	2.630276	54.232199		0.127057
2.338127	1.882861	835.681763		
0.25000	2.630276	54.232199		0.127057
2.338127	2.027593	903.596559		
0.50000	2.630276	54.232199		0.127057
2.338127	2.172324	971.511356		
0.75000	2.630276	54.232199		0.127057
2.338127	2.317056	1039.426		
1.00000	2.630276	54.232199		0.127057
2.338127	2.461787	1107.341		

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COMB SETTLE ----- MIN

REL_DIST	M2	M3	V2	V3
0.00000	-2.630276	-54.232199		-0.115573
-2.379962	-1.882861	835.681763		
0.25000	-2.630276	-54.232199		-0.115573
-2.379962	-2.027593	903.596559		
0.50000	-2.630276	-54.232199		-0.115573
-2.379962	-2.172324	971.511356		
0.75000	-2.630276	-54.232199		-0.115573
-2.379962	-2.317056	1039.426		
1.00000	-2.630276	-54.232199		-0.115573
-2.379962	-2.461787	1107.341		

ELEM 33 ===== LENGTH =
5.009729

LOAD -P7 -----

REL_DIST	M2	M3	V2	V3
0.00000	-0.083559	3.333317		0.002111
-0.430481	-0.085529	-24.460357		
0.25000	-0.083559	3.333317		0.002111
-0.430481	-0.086173	-28.635111		
0.50000	-0.083559	3.333317		0.002111
-0.430481	-0.070816	-32.809865		
0.75000	-0.083559	3.333317		0.002111
-0.430481	-0.073460	-36.984619		
1.00000	-0.083559	3.333317		0.002111
-0.430481	-0.076103	-41.159373		

LOAD -P8 -----

REL_DIST	M2	M3	V2	V3
0.00000	0.468797	-18.051324		-0.041136
2.184066	0.434110	132.463310		
0.25000	0.468797	-18.051324		-0.041136
2.184066	0.485630	155.071370		
0.50000	0.468797	-18.051324		-0.041136
2.184066	0.537150	177.679430		
0.75000	0.468797	-18.051324		-0.041136
2.184066	0.588671	200.287491		
1.00000	0.468797	-18.051324		-0.041136
2.184066	0.640191	222.895551		

LOAD -P9 -----

REL_DIST	M2	M3	V2	V3
0.00000	-1.044817	39.064355		0.194541
-0.093242	-1.634701	-635.457628		
0.25000	-1.044817	39.064355		0.194541
-0.093242	-1.878351	-684.383297		
0.50000	-1.044817	39.064355		0.194541
-0.093242	-2.122000	-733.308756		
0.75000	-1.044817	39.064355		0.194541
-0.093242	-2.365650	-782.234215		
1.00000	-1.044817	39.064355		0.194541
-0.093242	-2.609299	-831.159674		

LOAD -P10 -----

REL_DIST	M2	M3	V2	V3
0.00000	2.265305	-37.404116		-0.193571
-1.001681	1.735457	974.866091		
0.25000	2.265305	-37.404116		-0.193571
-1.001681	1.977892	1021.712		
0.50000	2.265305	-37.404116		-0.193571
-1.001681	2.220326	1068.558		
0.75000	2.265305	-37.404116		-0.193571
-1.001681	2.462761	1115.404		
1.00000	2.265305	-37.404116		-0.193571
-1.001681	2.705196	1162.251		

LOAD -A2 -----

REL_DIST	M2	M3	V2	V3
0.00000	-1.605726	13.057767		0.038056
-0.658663	-0.469336	-447.411205		
0.25000	-1.605726	13.057767		0.038056
-0.658663	-0.516998	-463.765174		
0.50000	-1.605726	13.057767		0.038056
-0.658663	-1.654660	-480.119143		
0.75000	-1.605726	13.057767		0.038056
-0.658663	-1.848524	-516.404532		
1.00000	-1.605726	13.057767		0.038056
-0.658663	-2.007637	-543.476651		

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	M2	M3	V2	V3
0.75000	-1.605726	13.057767		0.038056
-0.658663	-0.612322	-496.473112		
1.00000	-1.605726	13.057767		0.038056
-0.658663	-0.659984	-512.827081		

LOAD -2N+1-----

REL_DIST	M2	M3	V2	V3
0.00000	-2.734102	55.455440		0.234707
-1.182385	-2.169567	1107.329		
0.25000	-2.734102	55.455440		0.234707
-1.182385	-2.463522	1176.784		
0.50000	-2.734102	55.455440		0.234707
-1.182385	-2.754777	1246.238		
0.75000	-2.734102	55.455440		0.234707
-1.182385	-3.051432	1315.692		
1.00000	-2.734102	55.455440		0.234707
-1.182385	-3.345387	1385.146		

LOAD -2N+2-----

REL_DIST	M2	M3	V2	V3
0.00000	2.734102	-55.455440		-0.234707
1.182385	2.169567	1107.329		
0.25000	2.734102	-55.455440		-0.234707
1.182385	2.463522	1176.784		
0.50000	2.734102	-55.455440		-0.234707
1.182385	2.754777	1246.238		
0.75000	2.734102	-55.455440		-0.234707
1.182385	3.051432	1315.692		
1.00000	2.734102	-55.455440		-0.234707
1.182385	3.345387	1385.146		

COMB SETTLE ----- MAX

REL_DIST	P	M2	M3	V2	V3
0.00000		2.734102	55.455440		0.234707
2.184066		2.169567	1107.329		
0.250000		2.734102	55.455440		0.234707
2.184066		2.463522	1176.784		
0.50000		2.734102	55.455440		0.234707
2.184066		2.757477	1246.238		
0.75000		2.734102	55.455440		0.234707
2.184066		3.051432	1315.692		

0.50000	0.743454	26.821885	0.084799
7.439116	1.641912	1177.510	
0.75000	0.743454	26.821885	0.084799
7.439116	1.429535	1110.336	
1.00000	0.743454	26.821885	0.084799
7.439116	1.429535	1110.336	
COMB SETTLE ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.901176	-26.821885	-0.084799
-7.439116	-1.854289	-1244.685	
0.25000	-0.901176	-26.821885	-0.084799
-7.439116	-1.748100	-1211.098	
0.50000	-0.901176	-26.821885	-0.084799
-7.439116	-1.641912	-1177.510	
0.75000	-0.901176	-26.821885	-0.084799
-7.439116	-1.535724	-1143.923	
1.00000	-0.901176	-26.821885	-0.084799
-7.439116	-1.429535	-1110.336	
Program	SAP2000	Nonlinear	Version 7.42
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< UNEQUAL Page SETTLEMENT 91 >			
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	36	=====	LENGTH =
5.009763			
LOAD -P7-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.07265	-0.757417	-0.001083
-0.190056	-0.032016	-33.457749	
0.25000	-0.009265	-0.757417	-0.001083
-0.190056	-0.030659	-32.509129	
0.50000	-0.009265	-0.757417	-0.001083
-0.190056	-0.029303	-31.560510	
0.75000	-0.007594	-30.611890	-0.001083
-0.190056	-0.027946	-30.611890	
1.00000	-0.009265	-0.757417	-0.001083
-0.190056	-0.026590	-29.663270	
LOAD -P8-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.038296	4.104564	0.009200
1.002156	0.319116	181.018654	
0.25000	-0.038296	4.104564	0.009200
1.002156	0.307594	175.877930	
0.50000	-0.038296	4.104564	0.009200
1.002156	0.296072	170.737207	
0.75000	-0.038296	4.104564	0.009200
1.002156	0.284550	165.596483	
1.00000	-0.038296	4.104564	0.009200
1.002156	0.273028	160.455759	
LOAD -P9-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.137183	-15.449041	-0.007232
-2.690263	-1.231767	-667.523368	
0.25000	0.137183	-15.449041	-0.007232
-2.690263	-1.222709	-648.174359	
0.50000	0.137183	-15.449041	-0.007232
-2.690263	-1.213651	-628.825350	
0.75000	0.137183	-15.449041	-0.007232
-2.690263	-1.204593	-609.476341	
1.00000	0.137183	-15.449041	-0.007232
-2.690263	-1.195535	-590.127332	
LOAD -P10-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.726614	21.718803	0.047287
6.294168	1.184263	929.347180	
0.25000	0.726614	21.718803	0.047287
6.294168	1.125038	902.145663	
0.50000	0.726614	21.718803	0.047287
6.294168	1.065813	874.944151	
0.75000	0.726614	21.718803	0.047287
6.294168	1.006589	847.742637	
1.00000	0.726614	21.718803	0.047287
6.294168	0.947364	820.541122	
LOAD -A2-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.834767	-9.616909	-0.048172
-4.416004	-0.239585	-409.384717	
0.25000	-0.834767	-9.616909	-0.048172
-4.416004	-0.179263	-397.340108	
0.50000	-0.834767	-9.616909	-0.048172
-4.416004	-0.118931	-385.295498	
0.75000	-0.834767	-9.616909	-0.048172
-4.416004	-0.058599	-373.250869	
1.00000	-0.834767	-9.616909	-0.048172
-4.416004	0.001733	-361.206280	
LOAD -2N+1-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.688318	-25.823367	-0.056487
-7.296324	-1.503378	-1110.366	
0.25000	-0.688318	-25.823367	-0.056487
-7.296324	-1.432632	-1078.024	
0.50000	-0.688318	-25.823367	-0.056487
-7.296324	-1.361885	-1045.681	
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< UNEQUAL Page SETTLEMENT 92 >			
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	M2	P	V2
T	M2	M3	V2
0.75000	-0.688318	-25.823367	-0.056487
-7.296324	-1.291139	-1013.339	
1.00000	-0.688318	-25.823367	-0.056487
-7.296324	-1.220392	-980.996882	
LOAD -2N+2-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.688318	25.823367	0.056487
7.296324	1.503378	1110.366	
0.25000	0.688318	25.823367	0.056487
7.296324	1.432632	1078.024	
0.50000	0.688318	25.823367	0.056487
7.296324	1.361885	1045.681	
0.75000	0.688318	25.823367	0.056487
7.296324	1.291139	1013.339	
1.00000	0.688318	25.823367	0.056487
7.296324	1.220392	980.996882	

COMB SETTLE ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.726614	25.823367	0.056487
7.296324	1.503378	1110.366	
0.25000	0.726614	25.823367	0.056487
7.296324	1.432632	1078.024	
0.50000	0.726614	25.823367	0.056487
7.296324	1.361885	1045.681	
0.75000	0.726614	25.823367	0.056487
7.296324	1.291139	1013.339	
1.00000	0.726614	25.823367	0.056487
7.296324	1.220392	980.996882	
COMB SETTLE ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.834767	-25.823367	-0.056487
-7.296324	-1.503378	-1110.366	
0.25000	-0.834767	-25.823367	-0.056487
-7.296324	-1.432632	-1078.024	
0.50000	-0.834767	-25.823367	-0.056487
-7.296324	-1.361885	-1045.681	
0.75000	-0.834767	-25.823367	-0.056487
-7.296324	-1.291139	-1013.339	
1.00000	-0.834767	-25.823367	-0.056487
-7.296324	-1.220392	-980.996882	
ELEM 37 ===== LENGTH =			
5.008488			
LOAD -P7-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.007480	-0.753768	-0.001512
-0.107523	-0.02967	-29.662506	
0.25000	0.007480	-0.753768	-0.001512
-0.107523	-0.021974	-28.719697	
0.50000	0.007480	-0.753768	-0.001512
-0.107523	-0.020080	-27.775887	
0.75000	0.007480	-0.753768	-0.001512
-0.107523	-0.019767	-26.832078	
1.00000	0.007480	-0.753768	-0.001512
-0.107523	-0.016293	-25.888269	
LOAD -P8-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.029767	4.080282	0.011401
0.575283	0.261747	160.457176	
0.25000	-0.029767	4.080282	0.011401
0.575283	0.247471	155.348166	
0.50000	-0.029767	4.080282	0.011401
0.575283	0.233195	150.239155	
0.75000	-0.029767	4.080282	0.011401
0.575283	0.218919	145.130145	
1.00000	-0.029767	4.080282	0.011401
0.575283	0.204643	140.021134	
Program	SAP2000	Nonlinear	Version 7.42
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< UNEQUAL Page SETTLEMENT 93 >			
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 -P9-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.101784	-15.150118	-0.024795
-1.981474	-1.136306	-590.131141	
0.25000	0.101784	-15.150118	-0.024795
-1.981474	-1.105260	-571.161345	
0.50000	0.101784	-15.150118	-0.024795
-1.981474	-1.074214	-552.191550	
0.75000	0.101784	-15.150118	-0.024795
-1.981474	-1.043168	-533.221755	
1.00000	0.101784	-15.150118	-0.024795
-1.981474	-1.012122	-514.251959	
LOAD -P10-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.673072	21.175128	0.080113
5.830273	1.186496	820.572920	
0.25000	0.673072	21.175128	0.080113
5.830273	1.086185	794.058478	
0.50000	0.673072	21.175128	0.080113
5.830273	0.985873	767.544635	
0.75000	0.673072	21.175128	0.080113
5.830273	0.885652	741.090793	
1.00000	0.673072	21.175128	0.080113
5.830273	0.785520	714.516950	
LOAD -A2-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.752569	-9.351524	-0.065208
-4.316559	-0.288070	-361.234850	
0.25000	-0.752569	-9.351524	-0.065208
-4.316559	-0.206422	-349.525601	
0.50000	-0.752569	-9.351524	-0.065208
-4.316559	-0.124774	-337.816353	
0.75000	-0.752569	-9.351524	-0.065208
-4.316559	-0.043126	-326.107105	
1.00000	-0.752569	-9.351524	-0.065208
-4.316559	0.038523	-314.397857	
LOAD -2N+1-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.643305	-25.255410	-0.091515
-6.405556	-1.448243	-981.029497	
0.25000	-0.643305	-25.255410	-0.091515
-6.405556	-1.333656	-949.406644	
0.50000	-0.643305	-25.255410	-0.091515
-6.405556	-1.219068	-917.783791	
0.75000	-0.643305	-25.255410	-0.091515
-6.405556	-1.104481	-886.160938	
1.00000	-0.643305	-25.255410	-0.091515
-6.405556	-0.989893	-854.538085	
LOAD -2N+2-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.643305	25.255410	0.091515
6.405556	1.448243	981.029497	
0.25000	0.643305	25.255410	0.091515
6.405556	1.333656	949.406644	
0.50000	0.643305	25.255410	0.091515
6.405556	1.219068	917.783791	
0.75000	0.643305	25.255410	0.091515
6.405556	1.104481	886.160938	
1.00000	0.643305	25.255410	0.091515
6.405556	0.989893	854.538085	
COMB SETTLE ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.643305	25.255410	0.091515
6.405556	1.448243	981.029497	
0.25000	0.643305	25.255410	0.091515
6.405556	1.333656	949.406644	
0.50000	0.643305	25.255410	0.091515
6.405556	1.219068	917.783791	
0.75000	0.643305	25.255410	0.091515
6.405556	1.104481	886.160938	
1.00000	0.643305	25.255410	0.091515
6.405556	0.989893	854.538085	

0.00

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FRAME ELEMENT INTERNAL FORCES

COMB SETTLE ----- MAX

REL_DIST T M2 M3 V2 V3
0.00000 0.455592 24.790086 0.155487
3.272177 1.129127 729.940893
0.25000 0.455592 24.790086 0.155487
3.272177 0.934411 698.896316
0.50000 0.455592 24.790086 0.155487
3.272177 0.739696 667.851739
0.75000 0.455592 24.790086 0.155487
3.272177 0.544960 636.807161
1.00000 0.455592 24.790086 0.155487
3.272177 0.350264 605.762584

COMB SETTLE ----- MIN

REL_DIST T M2 M3 V2 V3
0.00000 -0.539957 -24.790086 -0.155487
-3.380387 -1.129127 -729.940893
0.25000 -0.539957 -24.790086 -0.155487
-3.380387 -0.934411 -698.896316
0.50000 -0.539957 -24.790086 -0.155487
-3.380387 -0.739696 -667.851739
0.75000 -0.539957 -24.790086 -0.155487
-3.380387 -0.662448 -636.807161
1.00000 -0.539957 -24.790086 -0.155487
-3.380387 -0.591380 -605.762584

ELEM 5.010239 40 ----- LENGTH =

LOAD -P7 -----

REL_DIST T M2 M3 V2 V3
0.00000 0.008662 -0.751524 -0.001470
0.110436 -0.007525 -18.364677
0.25000 0.008662 -0.751524 -0.001470
0.110436 -0.005683 -17.423348
0.50000 0.008662 -0.751524 -0.001470
0.110436 -0.003842 -16.490200
0.75000 0.008662 -0.751524 -0.001470
0.110436 -0.002000 -15.540691
1.00000 0.008662 -0.751524 -0.001470
0.110436 -0.000159 -14.599362

LOAD -P8 -----

REL_DIST T M2 M3 V2 V3
0.00000 -0.040109 4.064373 0.012372
-0.586265 0.128974 99.323337
0.25000 -0.040109 4.064373 0.012372
-0.586265 0.113478 94.232467
0.50000 -0.040109 4.064373 0.012372
-0.586265 0.097982 89.141597
0.75000 -0.040109 4.064373 0.012372
-0.586265 0.082486 84.050728
1.00000 -0.040109 4.064373 0.012372
-0.586265 0.066989 78.959858

LOAD -P9 -----

REL_DIST T M2 M3 V2 V3
0.00000 0.139564 -14.908506 -0.056692
1.510965 -0.711590 -364.497880
0.25000 0.139564 -14.908506 -0.056692
1.510965 -0.640580 -345.824087
0.50000 0.139564 -14.908506 -0.056692
1.510965 -0.568571 -327.150295
0.75000 0.139564 -14.908506 -0.056692
1.510965 -0.498561 -308.476502
1.00000 0.139564 -14.908506 -0.056692
1.510965 -0.427551 -289.802710

LOAD -P10 -----

REL_DIST T M2 M3 V2 V3
0.00000 0.008631 20.662733 0.141462
1.695453 0.748113 506.470483
0.25000 0.008631 20.662733 0.141462
1.695453 0.570924 480.589178
0.50000 0.008631 20.662733 0.141462
1.695453 0.393734 454.707872
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FRAME ELEMENT INTERNAL FORCES

REL_DIST T M2 M3 V2 V3
0.75000 0.008631 20.662733 0.141462
1.695453 0.216545 428.826566
1.00000 0.008631 20.662733 0.141462
1.695453 0.039356 402.945260

LOAD -A2 -----

REL_DIST T M2 M3 V2 V3
0.00000 -0.416747 -0.967077 -0.095672
-2.730590 -0.157973 -222.931263
0.25000 -0.416747 -0.967077 -0.095672
-2.730590 -0.038138 -211.574209
0.50000 -0.416747 -0.967077 -0.095672
-2.730590 0.081696 -200.217154
0.75000 -0.416747 -0.967077 -0.095672
-2.730590 0.201531 -188.860100
1.00000 -0.416747 -0.967077 -0.095672
-2.730590 0.321365 -177.503046

LOAD -2N+1-----

REL_DIST T M2 M3 V2 V3
0.00000 -0.268522 -24.727107 -0.153833
1.109188 -0.877088 -605.793820
0.25000 -0.268522 -24.727107 -0.153833
1.109188 -0.684402 -574.821645
0.50000 -0.268522 -24.727107 -0.153833
1.109188 -0.491716 -543.849469
0.75000 -0.268522 -24.727107 -0.153833
1.109188 -0.299031 -512.877294
1.00000 -0.268522 -24.727107 -0.153833
1.109188 -0.106345 -481.905118

LOAD -2N+2-----

REL_DIST T M2 M3 V2 V3
0.00000 0.268522 24.727107 0.153833
1.109188 0.877088 605.793820
0.25000 0.268522 24.727107 0.153833

1.109188 0.684402 574.821645
0.50000 0.268522 24.727107 0.153833
1.109188 0.491716 543.849469
0.75000 0.268522 24.727107 0.153833
1.109188 0.299031 512.877294
1.00000 0.268522 24.727107 0.153833
1.109188 0.106345 481.905118

COMB SETTLE ----- MAX

REL_DIST T M2 M3 V2 V3
0.00000 0.308631 24.727107 0.153833
1.695453 0.877088 605.793820
0.25000 0.308631 24.727107 0.153833
1.695453 0.684402 574.821645
0.50000 0.308631 24.727107 0.153833
1.695453 0.491716 543.849469
0.75000 0.308631 24.727107 0.153833
1.695453 0.299031 512.877294
1.00000 0.308631 24.727107 0.153833
1.695453 0.321365 481.905118

COMB SETTLE ----- MIN

REL_DIST T M2 M3 V2 V3
0.00000 -0.416747 -24.727107 -0.153833
-2.730590 -0.877088 -605.793820
0.25000 -0.416747 -24.727107 -0.153833
-2.730590 -0.684402 -574.821645
0.50000 -0.416747 -24.727107 -0.153833
-2.730590 -0.569571 -543.849469
0.75000 -0.416747 -24.727107 -0.153833
-2.730590 -0.498561 -512.877294
1.00000 -0.416747 -24.727107 -0.153833
-2.730590 -0.427551 -481.905118
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FRAME ELEMENT INTERNAL FORCES

ELEM 5.009117 41 ----- LENGTH =

LOAD -P7 -----

REL_DIST T M2 M3 V2 V3
0.00000 0.010133 -0.751902 -0.001325
0.156554 -0.006380 -14.599212
0.25000 0.010133 -0.751902 -0.001325
0.156554 -0.004720 -13.657021
0.50000 0.010133 -0.751902 -0.001325
0.156554 -0.003061 -12.716030
0.75000 0.010133 -0.751902 -0.001325
0.156554 -0.001401 -11.774439
1.00000 0.010133 -0.751902 -0.001325
0.156554 0.000258 -10.832848

LOAD -P8 -----

REL_DIST T M2 M3 V2 V3
0.00000 -0.049485 4.066281 0.011479
-0.835076 0.105110 78.959898
0.25000 -0.049485 4.066281 0.011479
-0.835076 0.090735 73.867179
0.50000 -0.049485 4.066281 0.011479
-0.835076 0.076359 68.775057
0.75000 -0.049485 4.066281 0.011479
-0.835076 0.061984 63.682940
1.00000 -0.049485 4.066281 0.011479
-0.835076 0.047609 58.590821

LOAD -P9 -----

REL_DIST T M2 M3 V2 V3
0.00000 0.175448 -14.908885 -0.054192
2.392269 -0.571729 -289.802870
0.25000 0.175448 -14.908885 -0.054192
2.392269 -0.503866 -271.132784
0.50000 0.175448 -14.908885 -0.054192
2.392269 -0.436002 -252.462697
0.75000 0.175448 -14.908885 -0.054192
2.392269 -0.368138 -233.792610
1.00000 0.175448 -14.908885 -0.054192
2.392269 -0.300274 -215.122523

LOAD -P10 -----

REL_DIST T M2 M3 V2 V3
0.00000 0.154237 20.650780 0.134820
0.516254 0.569556 402.973519
0.25000 0.154237 20.650780 0.134820
0.516254 0.400724 377.112977
0.50000 0.154237 20.650780 0.134820
0.516254 0.231892 351.252434
0.75000 0.154237 20.650780 0.134820
0.516254 0.063060 325.391891
1.00000 0.154237 20.650780 0.134820
0.516254 -0.105773 299.531349

LOAD -A2 -----

REL_DIST T M2 M3 V2 V3
0.00000 -0.290332 -9.056274 -0.090782
-2.230001 -0.086556 -177.530735
0.50000 -0.290332 -9.056274 -0.090782
-2.230001 0.017128 -166.189751
0.50000 -0.290332 -9.056274 -0.090782
-2.230001 0.130812 -154.848767
0.75000 -0.290332 -9.056274 -0.090782
-2.230001 0.244496 -143.507763
1.00000 -0.290332 -9.056274 -0.090782
-2.230001 0.358180 -132.166799

LOAD -2N+1-----

REL_DIST T M2 M3 V2 V3
0.00000 -0.104752 -24.717061 -0.146299
0.318822 -0.674665 -481.932817
0.25000 -0.104752 -24.717061 -0.146299
0.318822 -0.491458 -450.980155
0.50000 -0.104752 -24.717061 -0.146299
0.318822 -0.308251 -420.027493
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FRAME ELEMENT INTERNAL FORCES

REL_DIST T M2 M3 V2 V3
0.75000 -0.104752 -24.717061 -0.146299
0.318822 -0.125043 -389.074832
1.00000 -0.104752 -24.717061 -0.146299
0.318822 0.058164 -358.122170

LOAD -2N+2-----

REL_DIST T M2 M3 V2 V3
0.00000 0.104752 24.717061 0.146299
-0.318822 0.674665 481.932817
0.25000 0.104752 24.717061 0.146299
-0.318822 0.491458 450.980155
0.50000 0.104752 24.717061 0.146299
-0.318822 0.308251 420.027493
0.75000 0.104752 24.717061 0.146299
-0.318822 0.125043 389.074832
1.00000 0.104752 24.717061 0.146299
-0.318822 -0.058164 358.122170

COMB SETTLE ----- MAX

REL_DIST T M2 M3 V2 V3
0.00000 0.175448 24.717061 0.146299
2.392269 0.674665 481.932817
0.25000 0.175448 24.717061 0.146299
2.392269 0.491458 450.980155
0.50000 0.175448 24.717061 0.146299
2.392269 0.308251 420.027493
0.75000 0.175448 24.717061 0.146299
2.392269 0.244496 389.074832
1.00000 0.175448 24.717061 0.146299
2.392269 0.358180 358.122170

COMB SETTLE ----- MIN

REL_DIST T M2 M3 V2 V3
0.00000 -0.290332 -24.717061 -0.146299
-2.230001 -0.674665 -481.932817
0.25000 -0.290332 -24.717061 -0.146299
-2.230001 -0.503866 -450.980155
0.50000 -0.290332 -24.717061 -0.146299
-2.230001 -0.436002 -420.027493
0.75000 -0.290332 -24.717061 -0.146299
-2.230001 -0.368138 -389.074832
1.00000 -0.290332 -24.717061 -0.146299
-2.230001 -0.300274 -358.122170

ELEM 5.009284 42 ----- LENGTH =

LOAD -P7 -----

REL_DIST T M2 M3 V2 V3
0.00000 0.012292 -0.751657 -0.001507
0.194018 -0.007083 -10.832533
0.25000 0.012292 -0.751657 -0.001507
0.194018 -0.005197 -9.891212
0.50000 0.012292 -0.751657 -0.001507
0.194018 0.003310 -8.949900
0.75000 0.012292 -0.751657 -0.001507
0.194018 -0.001423 -8.008584
1.00000 0.012292 -0.751657 -0.001507
0.194018 0.000463 -7.067268

LOAD -P8 -----

REL_DIST T M2 M3 V2 V3
0.00000 -0.062617 4.065036 0.012306
-1.038150 0.091892 58.589381
0.25000 -0.062617 4.065036 0.012306
-1.038150 0.076481 53.498651
0.50000 -0.062617 4.065036 0.012306
-1.038150 0.061071 48.407921
0.75000 -0.062617 4.065036 0.012306
-1.038150 0.045660 43.317191
1.00000 -0.062617 4.065036 0.012306
-1.038150 0.030250 38.226461
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FRAME ELEMENT INTERNAL FORCES

LOAD -P9 -----

REL_DIST T M2 M3 V2 V3
0.00000 0.225411 -14.907634 -0.056076
3.147885 -0.468021 -215.119885
0.25000 0.225411 -14.907634 -0.056076
3.147885 -0.397796 -196.450743
0.50000 0.225411 -14.907634 -0.056076
3.147885 -0.327570 -177.781600
0.75000 0.225411 -14.907634 -0.056076
3.147885 -0.257345 -159.112457
1.00000 0.225411 -14.907634 -0.056076
3.147885 -0.187120 -140.443315

LOAD -P10 -----

REL_DIST T M2 M3 V2 V3
0.00000 -0.020322 20.667373 0.133041
-0.615646 -0.583431 299.557861
0.25000 -0.020322 20.667373 0.133041
-0.615646 -0.291732 273.879675
0.50000 -0.020322 20.667373 0.133041
-0.615646 0.125122 247.793490
0.75000 -0.020322 20.667373 0.133041
-0.615646 -0.041487 221.911304
1.00000 -0.020322 20.667373 0.133041
-0.615646 -0.208097 196.029119

LOAD -A2 -----

REL_DIST T M2 M3 V2 V3
0.00000 -0.154763 -9.073118 -0.087764
-1.688107 -0.075129 -132.194824
0.25000 -0.154763 -9.073118 -0.087764
-1.688107 0.034779 -120.832367
0.50000 -0.154763 -9.073118 -0.087764
-1.688107 0.144687 -109.469910
0.75000 -0.154763 -9.073118 -0.087764
-1.688107 0.254596 -98.107454
1.00000 -0.154763 -9.073118 -0.087764
-1.688107 0.364504 -86.744997

LOAD -2N+1-----

REL_DIST T M2 M3 V2 V3
0.00000 0.082939 -24.732409 -0.145346
1.653796 -0.550233 -358.147242
0.25000 0.082939 -24.732409 -0.145346
1.653796 -0.368213 -327.174326
0.50000 0.082939 -24.732409 -0.145346
1.653796 -0.186193 -296.201411
0.75000 0.082939 -24.732409 -0.145346
1.653796 -0.004173 -265.228495
1.00000 0.082939 -24.732409 -0.145346
1.653796 0.177847 -234.255580

LOAD -2N+2-----

REL_DIST T M2 M3 V2 V3

T M2 M3
0.00000 -0.082939 24.732409 0.145346
-1.653796 0.550233 358.147242
0.25000 -0.082939 24.732409 0.145346
-1.653796 0.368213 327.174326
0.50000 -0.082939 24.732409 0.145346
-1.653796 0.186193 296.201411
0.75000 -0.082939 24.732409 0.145346
-1.653796 0.004173 265.228495
1.00000 -0.082939 24.732409 0.145346
-1.653796 -0.177847 234.255580

COMB SETTLE ----- MAX

REL_DIST T M2 M3 V2 V3
0.00000 0.225411 24.732409 0.145346
3.147885 0.550233 358.147242
0.25000 0.225411 24.732409 0.145346
3.147885 0.368213 327.174326
0.50000 0.225411 24.732409 0.145346
3.147885 0.225411 296.201411
0.75000 0.22

0.75000	0.268802	-24.660897	-0.156000
2.196906	0.143752	-141.628827	
1.00000	0.268802	-24.660897	-0.156000
2.196906	0.339115	-110.745199	
LOAD -2N+2-----			
REL_DIST	M2	M3	V2
	P		V3
0.00000	-0.268802	24.660897	0.156000
-2.196906	0.442339	234.279712	
0.25000	-0.268802	24.660897	0.156000
-2.196906	0.246975	203.396083	
0.50000	-0.268802	24.660897	0.156000
-2.196906	0.051612	172.512455	
0.75000	-0.268802	24.660897	0.156000
-2.196906	-0.143752	141.628827	
1.00000	-0.268802	24.660897	0.156000
-2.196906	-0.339115	110.745199	

COMB SETTLE ----- MAX			
REL_DIST	M2	M3	V2
	P		V3
0.00000	0.273740	24.660897	0.156000
3.308959	0.442339	234.279712	
0.25000	-0.268802	24.660897	0.156000
3.308959	0.246975	203.396083	
0.50000	0.273740	24.660897	0.156000
3.308959	0.150406	172.512455	
0.75000	0.273740	24.660897	0.156000
3.308959	0.263980	141.628827	
1.00000	0.273740	24.660897	0.156000
3.308959	0.377554	110.745199	

COMB SETTLE ----- MIN			
REL_DIST	M2	M3	V2
	P		V3
0.00000	-0.268802	-24.660897	-0.156000
-2.196906	-0.442339	-234.279712	
0.25000	-0.268802	-24.660897	-0.156000
-2.196906	-0.271997	-203.396083	
0.50000	-0.268802	-24.660897	-0.156000
-2.196906	-0.199775	-172.512455	
0.75000	-0.268802	-24.660897	-0.156000
-2.196906	-0.164273	-141.628827	
1.00000	-0.268802	-24.660897	-0.156000
-2.196906	-0.341422	-110.745199	

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4.508011			
LOAD -P7-----			

REL_DIST	M2	M3	V2
	P		V3
0.00000	0.016896	-0.737849	-0.001771
0.173253	-0.005115	-3.326040	
0.25000	0.016896	-0.737849	-0.001771
0.173253	-0.003119	-2.494482	
0.50000	0.016896	-0.737849	-0.001771
0.173253	-0.001173	-1.625242	
0.75000	0.016896	-0.737849	-0.001771
0.173253	0.000874	-0.831366	
1.00000	0.016896	-0.737849	-0.001771
0.173253	0.002870	0.000193	
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LOAD -P8-----				
REL_DIST	M2	M3	V2	V3
	P			
0.00000	-0.090547	3.991568	0.015098	
-0.931513	0.048312	17.92361		
0.25000	-0.090547	3.991568	0.015098	
-0.931513	0.031297	13.493852		
0.50000	-0.090547	3.991568	0.015098	
-0.931513	0.014282	8.995343		
0.75000	-0.090547	3.991568	0.015098	
-0.931513	-0.002733	4.496835		
1.00000	-0.090547	3.991568	0.015098	
-0.931513	-0.019748	-0.001674		

LOAD -P9-----				
REL_DIST	M2	M3	V2	V3
	P			
0.00000	0.332511	-14.681541	-0.068282	
2.929045	-0.218090	-66.176439		
0.25000	0.332511	-14.681541	-0.068282	
2.929045	-0.141135	-30.493002		
0.50000	0.332511	-14.681541	-0.068282	
2.929045	-0.064181	-33.084164		
0.75000	0.332511	-14.681541	-0.068282	
2.929045	0.012773	-16.538026		
1.00000	0.332511	-14.681541	-0.068282	
2.929045	0.089728	0.008112		

LOAD -P10-----				
REL_DIST	M2	M3	V2	V3
	P			
0.00000	-0.387066	20.588889	0.164585	
-1.281637	0.257231	92.777978		
0.25000	-0.387066	20.588889	0.164585	
-1.281637	0.071744	69.574242		
0.50000	-0.387066	20.588889	0.164585	
-1.281637	-0.113744	46.370507		
0.75000	-0.387066	20.588889	0.164585	
-1.281637	-0.299231	23.166772		
1.00000	-0.387066	20.588889	0.164585	
-1.281637	-0.048718	-0.036964		

LOAD -A2-----				
REL_DIST	M2	M3	V2	V3
	P			
0.00000	0.128206	-9.161067	-0.109629	
-0.889148	-0.082339	-41.267859		
0.25000	0.128206	-9.161067	-0.109629	
-0.889148	0.041213	-30.943311		
0.50000	0.128206	-9.161067	-0.109629	
-0.889148	0.164765	-20.618763		
0.75000	0.128206	-9.161067	-0.109629	
-0.889148	0.288317	-10.294214		
1.00000	0.128206	-9.161067	-0.109629	
-0.889148	0.411869	0.030334		

LOAD -2N+1-----				
REL_DIST	M2	M3	V2	V3
	P			
0.00000	0.477613	-24.580457	-0.179682	
2.213150	-0.305543	-110.770338		
0.25000	0.477613	-24.580457	-0.179682	
2.213150	-0.103041	-83.068094		
0.50000	0.477613	-24.580457	-0.179682	
2.213150	0.099461	-55.365850		
0.75000	0.477613	-24.580457	-0.179682	
2.213150	0.301964	-27.663606		
1.00000	0.477613	-24.580457	-0.179682	
2.213150	0.504466	0.038638		

LOAD -2N+2-----				
REL_DIST	M2	M3	V2	V3
	P			
0.00000	-0.477613	24.580457	0.179682	
-2.213150	0.305543	110.770338		
0.25000	-0.477613	24.580457	0.179682	
-2.213150	0.103041	83.068094		
0.50000	-0.477613	24.580457	0.179682	
-2.213150	-0.099461	-55.365850		
0.75000	-0.477613	24.580457	0.179682	
-2.213150	-0.301964	-27.663606		
1.00000	-0.477613	24.580457	0.179682	
-2.213150	-0.504466	-0.038638		
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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 SETTLE ----- MAX				
REL_DIST	M2	M3	V2	V3
	P			
0.00000	0.477613	24.580457	0.179682	
2.929045	0.305543	110.770338		
0.25000	0.477613	24.580457	0.179682	
2.929045	0.103041	83.068094		
0.50000	0.477613	24.580457	0.179682	
2.929045	0.164765	-55.365850		
0.75000	0.477613	24.580457	0.179682	
2.929045	0.301964	-27.663606		
1.00000	0.477613	24.580457	0.179682	
2.929045	0.504466	0.038638		

COMB SETTLE ----- MIN				
REL_DIST	M2	M3	V2	V3
	P			
0.00000	-0.477613	-24.580457	-0.179682	
-2.213150	-0.305543	-110.770338		
0.25000	-0.477613	-24.580457	-0.179682	
-2.213150	-0.141135	-83.068094		
0.50000	-0.477613	-24.580457	-0.179682	
-2.213150	-0.113743	-55.365850		
0.75000	-0.477613	-24.580457	-0.179682	
-2.213150	-0.301964	-27.663606		
1.00000	-0.477613	-24.580457	-0.179682	
-2.213150	-0.504466	-0.038638		

ELEM	45	=====	LENGTH =
4.532013			
LOAD -P7-----			

REL_DIST	M2	M3	V2	V3
	P			
0.00000	-0.118181	9.077416	0.042840	
0.979353	0.360594	0.020626		
0.25000	-0.118181	9.077416	0.042840	
0.979353	0.312055	-10.264117		
0.50000	-0.118181	9.077416	0.042840	
0.979353	0.263517	-20.548860		
0.75000	-0.118181	9.077416	0.042840	
0.979353	0.214979	-30.833603		
1.00000	-0.118181	9.077416	0.042840	
0.979353	0.166441	-41.118346		

LOAD -P8-----				
REL_DIST	M2	M3	V2	V3
	P			
0.00000	0.387939	-20.845646	-0.025240	
1.191632	-0.522413	-0.022789		
0.25000	0.387939	-20.845646	-0.025240	
1.191632	-0.493817	23.595399		
0.50000	0.387939	-20.845646	-0.025240	
1.191632	-0.465220	47.213586		
0.75000	0.387939	-20.845646	-0.025240	
1.191632	-0.436623	70.831773		
1.00000	0.387939	-20.845646	-0.025240	
1.191632	-0.408026	94.449961		

LOAD -P9-----				
REL_DIST	M2	M3	V2	V3
	P			
0.00000	-0.345696	15.136209	-0.024308	
-2.932638	0.216000	0.002793		
0.25000	-0.345696	15.136209	-0.024308	
-2.932638	0.243541	-17.146582		
0.50000	-0.345696	15.136209	-0.024308	
-2.932638	0.271082	-34.295598		
0.75000	-0.345696	15.136209	-0.024308	
-2.932638	0.298623	-51.445333		
1.00000	-0.345696	15.136209	-0.024308	
-2.932638	0.326164	-68.594708		

LOAD -P10-----				
REL_DIST	M2	M3	V2	V3
	P			
0.00000	0.093459	-4.132122	0.009363	
0.937272	-0.065550	-0.000719		
0.25000	0.093459	-4.132122	0.009363	
0.937272	-0.076158	4.680986		
0.50000	0.093459	-4.132122	0.009363	
0.937272	-0.086767	9.362696		
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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	M2	M3	V2	V3
	P			
0.75000	0.093459	-4.132122	0.009363	
0.937272	-0.097375	14.044404		
1.00000	0.093459	-4.132122	0.009363	
0.937272	-0.107984	18.726112		
LOAD	-A2 -----			
REL_DIST	M2	P	M3	V2
				V3
0.00000	-0.175721		0.761443	
-0.175619		8.935056		-0.002656
0.50000	-0.175721		0.761443	
-0.175619	0.143478	-0.865688		-0.002656
0.50000	-0.175721		0.761443	
-0.175619	0.171387	-1.731464		-0.002656

REL_DIST	T	M2	M3	V2	V3
0.00000	-0.100697	-0.1872418			0.062705
-1.474720	1.442124	238.325608			
0.25000	-0.100697	-24.872418			0.062705
-1.474720	1.363189	-269.635539			
0.50000	-0.100697	-24.872418			0.062705
-1.474720	1.284255	-300.945470			
0.75000	-0.100697	-24.872418			0.062705
-1.474720	1.205321	-332.255400			
1.00000	-0.100697	-24.872418			0.062705
-1.474720	1.126387	-363.565331			
LOAD -2N+2-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	-0.100697	-24.872418			-0.062705
1.474720	-1.442124	238.325608			
0.25000	-0.100697	-24.872418			-0.062705
1.474720	-1.363189	269.635539			
0.50000	-0.100697	-24.872418			-0.062705
1.474720	-1.284255	300.945470			
0.75000	-0.100697	-24.872418			-0.062705
1.474720	-1.205321	332.255400			
1.00000	-0.100697	-24.872418			-0.062705
1.474720	-1.126387	363.565331			
COMB SETTLE-----MAX					
REL_DIST	T	M2	M3	V2	V3
0.00000	1.569233	24.872418			0.083523
1.772313	1.442124	238.325608			
0.25000	1.569233	24.872418			0.083523
1.772313	1.363189	269.635539			
0.50000	1.569233	24.872418			0.083523
1.772313	1.284255	300.945470			
0.75000	1.569233	24.872418			0.083523
1.772313	1.205321	332.255400			
1.00000	1.569233	24.872418			0.083523
1.772313	1.126387	363.565331			
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FRAME ELEMENT INTERNAL FORCES					
COMB SETTLE-----MIN					
REL_DIST	T	M2	M3	V2	V3
0.00000	-0.245082	-24.872418			-0.070880
-3.055838	-1.442124	238.325608			
0.25000	-0.245082	-24.872418			-0.070880
-3.055838	-1.363189	-269.635539			
0.50000	-0.245082	-24.872418			-0.070880
-3.055838	-1.284255	-300.945470			
0.75000	-0.245082	-24.872418			-0.070880
-3.055838	-1.205321	-332.255400			
1.00000	-0.245082	-24.872418			-0.070880
-3.055838	-1.126387	-363.565331			
ELEM 48 ===== LENGTH =					
5.036186					
LOAD -P7-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	0.290700	9.183933			0.078842
2.230718	0.616235	-133.294481			
0.25000	0.290700	9.183933			0.078842
2.230718	0.516970	-144.857466			
0.50000	0.290700	9.183933			0.078842
2.230718	0.417705	-156.420457			
0.75000	0.290700	9.183933			0.078842
2.230718	0.318440	-167.983436			
1.00000	0.290700	9.183933			0.078842
2.230718	0.219175	-179.546421			
LOAD -P8-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	-0.128258	-20.785392			-0.069325
-0.511804	-1.317178	303.798346			
0.25000	-0.128258	-20.785392			-0.069325
-1.511804	-1.229895	329.968089			
0.50000	-0.128258	-20.785392			-0.069325
-0.511804	-1.142612	356.137833			
0.75000	-0.128258	-20.785392			-0.069325
-0.511804	-1.055328	382.307576			
1.00000	-0.128258	-20.785392			-0.069325
-0.511804	-0.968045	408.477320			
LOAD -P9-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	-0.202588	-14.908890			-0.013667
-2.405477	0.952025	-219.200542			
0.25000	-0.202588	-14.908890			-0.013667
-2.405477	0.969233	-237.971506			
0.50000	-0.202588	-14.908890			-0.013667
-2.405477	0.966441	-256.742418			
0.75000	-0.202588	-14.908890			-0.013667
-2.405477	1.003649	-275.513434			
1.00000	-0.202588	-14.908890			-0.013667
-2.405477	1.020857	-294.284398			
LOAD -P10-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	0.050600	-4.057535			0.006687
0.845904	0.325179	59.742947			
0.25000	0.050600	-4.057535			0.006687
0.845904	-0.333598	64.851566			
0.50000	0.050600	-4.057535			0.006687
0.845904	-0.342017	69.960185			
0.75000	0.050600	-4.057535			0.006687
0.845904	-0.350436	75.068804			
1.00000	0.050600	-4.057535			0.006687
0.845904	-0.358854	80.177423			
LOAD -A2-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	-0.010455	0.750103			-0.002536
-0.159341	0.074097	-11.046270			
0.25000	-0.010455	0.750103			-0.002536
-0.159341	0.077289	-11.990683			
0.50000	-0.010455	0.750103			-0.002536
-0.159341	0.080482	-12.935097			
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FRAME ELEMENT INTERNAL FORCES					
REL_DIST P V2 V3					
0.00000	-0.009109	0.750399			-0.002478
-0.108412	0.090318	-14.824147			
0.25000	-0.009109	0.750399			-0.002478
-0.108412	0.093438	-15.769394			
0.50000	-0.009109	0.750399			-0.002478
-0.108412	0.096558	-16.713721			
0.75000	-0.009109	0.750399			-0.002478
-0.108412	0.099679	-17.658509			
1.00000	-0.009109	0.750399			-0.002478

0.75000	-0.010455	0.750103	-0.002536		
-0.159341	0.083674	-13.879510			
0.00000	-0.010455	0.750103	-0.002536		
-0.159341	0.086867	-14.823923			
LOAD -2N+1-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	0.077658	24.842927			0.062638
-0.334100	1.642357	-363.541293			
0.25000	0.077658	24.842927			0.062638
-0.334100	1.563493	-394.819655			
0.50000	0.077658	24.842927			0.062638
-0.334100	1.484628	-426.098018			
0.75000	0.077658	24.842927			0.062638
-0.334100	1.405764	-457.376380			
1.00000	0.077658	24.842927			0.062638
-0.334100	1.326899	-488.654743			
LOAD -2N+2-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	-0.077658	-24.842927			-0.062638
0.334100	-1.642357	363.541293			
0.25000	-0.077658	-24.842927			-0.062638
0.334100	-1.563493	394.819655			
0.50000	-0.077658	-24.842927			-0.062638
0.334100	-1.484628	426.098018			
0.75000	-0.077658	-24.842927			-0.062638
0.334100	-1.405764	457.376380			
1.00000	-0.077658	-24.842927			-0.062638
0.334100	-1.326899	488.654743			
COMB SETTLE-----				MAX	
REL_DIST	T	M2	M3	V2	V3
0.00000	0.290700	24.842927			0.078842
2.230718	1.642357	363.541293			
0.25000	0.290700	24.842927			0.078842
2.230718	1.563493	394.819655			
0.50000	0.290700	24.842927			0.078842
2.230718	1.484628	426.098018			
0.75000	0.290700	24.842927			0.078842
2.230718	1.405764	457.376380			
1.00000	0.290700	24.842927			0.078842
2.230718	1.326899	488.654743			
COMB SETTLE-----				MIN	
REL_DIST	T	M2	M3	V2	V3
0.00000	-0.202588	-24.842927			-0.069325
-2.405477	-1.642357	-363.541293			
0.25000	-0.202588	-24.842927			-0.069325
-2.405477	-1.563493	-394.819655			
0.50000	-0.202588	-24.842927			-0.069325
-2.405477	-1.484628	-426.098018			
0.75000	-0.202588	-24.842927			-0.069325
-2.405477	-1.405764	-457.376380			
1.00000	-0.202588	-24.842927			-0.069325
-2.405477	-1.326899	-488.654743			
ELEM 49 =====				LENGTH =	
5.036186					
LOAD -P7-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	0.416289	9.172221			0.073294
2.787191	0.606458	-179.517925			
0.25000	0.416289	9.172221			0.073294
2.787191	0.514177	-191.066177			
0.50000	0.416289	9.172221			0.073294
2.787191	0.421896	-202.614429			
0.75000	0.416289	9.172221			0.073294
2.787191	0.329616	-214.162681			
1.00000	0.416289	9.172221			0.073294
2.787191	0.237335	-225.710933			
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FRAME ELEMENT INTERNAL FORCES					
LOAD -P8-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	-0.274329	-20.771340			-0.065140
-1.833738	-1.407840	408.448921			
0.25000	-0.274329	-20.771340			-0.065140
-1.833738	-1.258226	434.601903			
0.50000	-0.274329	-20.771340			-0.065140
-1.833738	-1.243813	460.753984			
0.75000	-0.274329	-20.771340			-0.065140
-1.833738	-1.161799	486.906066			
1.00000	-0.274329	-20.771340			-0.065140
-1.833738	-1.079785	513.058147			
LOAD -P9-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	-0.174683	14.907720			-0.012244
-1.415822	1.093373	-294.286082			
0.25000	-0.174683	14.907720			-0.012244
-1.415822	1.108789	-313.055593			
0.50000	-0.174683	14.907720			-0.012244
-1.415822	1.129422	-331.825102			
0.75000	-0.174683	14.907720			-0.012244
-1.415822	1.136261	-350.594614			
1.00000	-0.174683	14.907720			-0.012244
-1.415822	1.155037	-369.364125			
LOAD -P10-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	0.041832	-4.058999			0.006568
0.570782	-0.382308	80.178333			
0.25000	0.041832	-4.058999			0.006568
0.570782	-39.005781	55.288801			
0.50000	0.041832	-4.058999			0.006568
0.570782	-39.988446	90.399270			
0.75000	0.041832	-4.058999			0.006568
0.570782	-40.071116	95.509738			
1.00000	0.041832	-4.058999			0.006568
0.570782	-40.153855	100.620207			
LOAD -A2-----					
REL_DIST	T	M2	M3	V2	V3
0.00000	-0.090109	0.750399			-0.002478
-0.108412	0.090318	-14.824147			
0.25000	-0.090109	0.750399			-0.002478
-0.108412	0.093438	-15.768934			
0.50000	-0.090109	0.750399			-0.002478
-0.108412	0.096558	-16.713721			
0.75000	-0.090109	0.750399			-0.002478
-0.108412	0.096979	-17.658509			
1.00000	-0.090109	0.750399			-0.002478

[illegible]

FRAME ELEMENT INTERNAL FORCES					
REL DIST	P	M2	M3	V2	V3
T					
0.75000	0.070877	-3.948051		-0.008194	
-1.937133	-0.241560	217.052429			
-1.937133	0.070877	-3.948051		-0.008194	
1.00000	-0.241560	222.023373			
LOAD -A2-----					
REL DIST	P	M2	M3	V2	V3
T					
0.00000	-0.016007	0.735255		0.002376	
0.374078	0.106737	-37.400025			
0.25000	-0.016007	0.735255		0.002376	
0.374078	0.103745	-38.325776			
0.50000	-0.016007	0.735255		0.002376	
0.374078	0.100753	-39.251527			
0.75000	-0.016007	0.735255		0.002376	
0.374078	0.097762	-40.177277			
1.00000	-0.016007	0.735255		0.002376	
0.374078	0.094770	-41.103028			
LOAD -2N+1-----					
REL DIST	P	M2	M3	V2	V3
T					
0.00000	0.716969	21.692248		0.091049	
6.914332	-0.867833	-1219.219			
0.25000	0.716969	21.692248		0.091049	
6.914332	-0.982471	-1246.532			
0.50000	0.716969	21.692248		0.091049	
6.914332	-1.097110	-1273.844			
0.75000	0.716969	21.692248		0.091049	
6.914332	-1.211748	-1301.157			
1.00000	0.716969	21.692248		0.091049	
6.914332	-1.326387	-1328.469			
LOAD -2N+2-----					
REL DIST	P	M2	M3	V2	V3
T					
0.00000	-0.716969	-21.692248		-0.091049	
-6.914332	0.867833	1219.219			
0.25000	-0.716969	-21.692248		-0.091049	
-6.914332	0.982471	1246.532			
0.50000	-0.716969	-21.692248		-0.091049	
-6.914332	1.097110	1273.844			
0.75000	-0.716969	-21.692248		-0.091049	
-6.914332	1.211748	1301.157			
1.00000	-0.716969	-21.692248		-0.091049	
-6.914332	1.326387	1328.469			
COMB SETTLE-----MAX					
REL DIST	P	M2	M3	V2	V3
T					
0.00000	1.013315	21.692248		0.091049	
6.914332	-1.150682	-1219.219			
0.25000	1.013315	21.692248		0.091049	
6.914332	-1.254983	-1246.532			
0.50000	1.013315	21.692248		0.091049	
6.914332	-1.359304	-1273.844			
0.75000	1.013315	21.692248		0.091049	
6.914332	-1.463625	-1301.157			
1.00000	1.013315	21.692248		0.091049	
6.914332	-1.567946	-1328.469			
COMB SETTLE-----MIN					
REL DIST	P	M2	M3	V2	V3
T					
0.00000	-0.787845	-21.692248		-0.091049	
-6.914332	-0.867833	-1219.219			
0.25000	-0.787845	-21.692248		-0.091049	
-6.914332	-0.982471	-1246.532			
0.50000	-0.787845	-21.692248		-0.091049	
-6.914332	-1.097110	-1273.844			
0.75000	-0.787845	-21.692248		-0.091049	
-6.914332	-1.211748	-1301.157			
1.00000	-0.787845	-21.692248		-0.091049	
-6.914332	-1.326387	-1328.469			
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< UNEQUAL SETTLEMENT 123 >					
FRAME ELEMENT INTERNAL FORCES					
ELEM 56	===== LENGTH = 5.035705				
LOAD -P7-----					
REL DIST	P	M2	M3	V2	V3
T					
0.00000	1.515618	-10.151055		-0.004521	
0.586993	-0.954800	-485.483330			
0.25000	1.515618	-10.151055		-0.004521	
0.586993	-0.948908	-472.703902			
0.50000	1.515618	-10.151055		-0.004521	
0.586993	-0.943217	-459.924473			
0.75000	1.515618	-10.151055		-0.004521	
0.586993	-0.937525	-447.145045			
1.00000	1.515618	-10.151055		-0.004521	
0.586993	-0.931833	-434.365616			
LOAD -P8-----					
REL DIST	P	M2	M3	V2	V3
T					
0.00000	-2.009619	31.455615		0.076515	
1.138220	1.514261	1106.443			
0.25000	-2.009619	31.455615		0.076515	
1.138220	1.417935	1066.842			
0.50000	-2.009619	31.455615		0.076515	
1.138220	1.321609	1027.242			
0.75000	-2.009619	31.455615		0.076515	
1.138220	1.225282	987.641839			
1.00000	-2.009619	31.455615		0.076515	
1.138220	1.128956	948.041543			
LOAD -P9-----					
REL DIST	P	M2	M3	V2	V3
T					
0.00000	0.868951	-35.792382		-0.066398	
0.004426	-0.482554	-801.877421			
0.25000	0.868951	-35.792382		-0.066398	
0.004426	-0.398964	-756.817455			
0.50000	0.868951	-35.792382		-0.066398	
0.004426	-0.315374	-711.757490			
0.75000	0.868951	-35.792382		-0.066398	
0.004426	-0.231784	-666.697525			
1.00000	0.868951	-35.792382		-0.066398	
0.004426	-0.148194	-621.637559			
LOAD -P10-----					
REL DIST	P	M2	M3	V2	V3
T					
0.00000	-0.456514	17.779245		-0.011516	
-2.163176	-0.154839	222.020464			
0.25000	-0.456514	17.779245		-0.011516	
-2.163176	-0.140341	199.637708			

0.50000	-0.456514	17.779245	-0.011516
-2.163176	-0.154839	222.020464	-0.011516
0.75000	-0.456514	17.779245	-0.011516
-2.163176	-0.113346	154.872196	-0.011516
1.00000	-0.456514	17.779245	-0.011516
-2.163176	-0.096848	132.489440	-0.011516
LOAD -A2-----			
REL DIST	P	M2	M3
T			
0.00000	0.081563	-3.291423	
0.433536	0.077732	-41.102442	
0.25000	0.081563	-3.291423	
0.433536	0.070279	-36.956783	
0.50000	0.081563	-3.291423	
0.433536	0.062825	-32.815124	
0.75000	0.081563	-3.291423	
0.433536	0.055372	-28.671466	
1.00000	0.081563	-3.291423	
0.433536	0.047919	-24.527807	
LOAD -2N+1-----			
REL DIST	P	M2	M3
T			
0.00000	2.466133	-49.234860	
1.024955	-1.359423	-1328.463	
0.25000	2.466133	-49.234860	
1.024955	-1.277594	-1266.480	
0.50000	2.466133	-49.234860	
1.024955	-1.195765	-1204.497	
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< UNEQUAL SETTLEMENT 124 >			
FRAME ELEMENT INTERNAL FORCES			
REL DIST	P	M2	M3
T			
0.75000	2.466133	-49.234860	
1.024955	-1.133936	-1142.514	
1.00000	2.466133	-49.234860	
1.024955	-1.032108	-1080.531	
LOAD -2N+2-----			
REL DIST	P	M2	M3
T			
0.00000	-2.466133	49.234860	
-1.024955	1.359423	1328.463	
0.25000	-2.466133	49.234860	
-1.024955	1.277594	1266.480	
0.50000	-2.466133	49.234860	
-1.024955	1.195765	1204.497	
0.75000	-2.466133	49.234860	
-1.024955	1.133936	1142.514	
1.00000	-2.466133	49.234860	
-1.024955	1.032108	1080.531	
COMB SETTLE-----MAX			
REL DIST	P	M2	M3
T			
0.00000	2.466133	49.234860	
1.38220	1.514261	1328.463	
0.25000	2.466133	49.234860	
1.38220	1.417935	1266.480	
0.50000	2.466133	49.234860	
1.38220	1.321609	1204.497	
0.75000	2.466133	49.234860	
1.38220	1.225282	1142.514	
1.00000	2.466133	49.234860	
1.38220	1.128956	1080.531	
COMB SETTLE-----MIN			
REL DIST	P	M2	M3
T			
0.00000	-2.466133	49.234860	
-2.163176	-1.359423	-1328.463	
0.25000	-2.466133	49.234860	
-2.163176	-1.277594	-1266.480	
0.50000	-2.466133	49.234860	
-2.163176	-1.195765	-1204.497	
0.75000	-2.466133	49.234860	
-2.163176	-1.133936	-1142.514	
1.00000	-2.466133	49.234860	
-2.163176	-1.032108	-1080.531	
ELEM 57 ===== LENGTH = 5.036164			
LOAD -P7-----			
REL DIST	P	M2	M3
T			
0.00000	1.569289	-10.746600	
-0.261522	-0.795533	-434.359210	
0.25000	1.569289	-10.746600	
-0.261522	-0.700333	-420.828989	
0.50000	1.569289	-10.746600	
-0.261522	-0.665132	-407.293989	
0.75000	1.569289	-10.746600	
-0.261522	-0.599932	-393.767980	
1.00000	1.569289	-10.746600	
-0.261522	-0.534731	-380.237570	
LOAD -P8-----			
REL DIST	P	M2	M3
T			
0.00000	-1.991370	32.692342	
2.752432	1.265593	948.056783	
0.25000	-1.991370	32.692342	
2.752432	1.050976	906.895786	
0.50000	-1.991370	32.692342	
2.752432	0.836360	865.734788	
0.75000	-1.991370	32.692342	
2.752432	0.621744	824.573791	
1.00000	-1.991370	32.692342	
2.752432	0.407128	783.412793	
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< UNEQUAL SETTLEMENT 125 >			
FRAME ELEMENT INTERNAL FORCES			
LOAD	-P9		
REL DIST	P	M2	M3
T			
0.00000	0.777492	-36.499849	
-0.664725	-0.499864	-621.656986	
0.25000	0.777492	-36.499849	
-0.664725	-0.359047	-575.702182	
0.50000	0.777492	-36.499849	
-0.664725	-0.218231	-529.747378	
0.75000	0.777492	-36.499849	
-0.664725	-0.077414	-483.792573	
1.00000	0.777492	-36.499849	
-0.664725	0.063402	-437.837769	

LOAD	-P10		
REL DIST	P	M2	M3
T			
0.00000	-0.432264	17.858134	
-2.290253	0.000607	132.486598	
0.25000	-0.432264	17.858134	
-2.290253	0.019594	110.002476	
0.50000	-0.432264	17.858134	
-2.290253	0.038580	87.518544	
0.75000	-0.432264	17.858134	
-2.290253	0.057566	65.034232	</

-1.380628	0.137828	-111.067079		
1.00000	0.524088	-37.229860	-0.090405	
-1.380628	0.251653	-64.192551		
LOAD -P10 -----				
REL_DIST	M2	M3	V2	V3
0.00000	-0.370815	17.940681		-0.026312
-1.906173	0.072190	-47.651751		
0.25000	-0.370815	17.940681	-0.026312	
-1.906173	0.405318	-70.240137		
0.50000	-0.370815	17.940681	-0.026312	
-1.906173	0.438446	-92.828482		
0.75000	-0.370815	17.940681	-0.026312	
-1.906173	0.471574	-115.416828		
1.00000	-0.370815	17.940681	-0.026312	
-1.906173	0.504702	-138.005174		
LOAD -A2 -----				
REL_DIST	M2	M3	V2	V3
0.00000	-0.065091	-3.317328		0.010958
0.400726	-0.098817	8.795379		
0.25000	-0.065091	-3.317328		0.010958
0.400726	-0.112614	12.972086		
0.50000	-0.065091	-3.317328		0.010958
0.400726	-0.126411	17.148792		
0.75000	-0.065091	-3.317328		0.010958
0.400726	-0.140208	21.325498		
1.00000	-0.065091	-3.317328		0.010958
0.400726	-0.154005	25.502204		
LOAD -2N+1-----				
REL_DIST	M2	M3	V2	V3
0.00000	2.215063	-51.946953		-0.121081
-1.546497	-0.413873	566.876369		
0.25000	2.215063	-51.946953		-0.121081
-1.546497	-0.261426	-501.472178		
0.50000	2.215063	-51.946953		-0.121081
-1.546497	-0.108978	-436.067986		
0.75000	2.215063	-51.946953		-0.121081
-1.546497	0.043470	-370.663794		
1.00000	2.215063	-51.946953		-0.121081
-1.546497	0.195917	-305.259602		
LOAD -2N+2-----				
REL_DIST	M2	M3	V2	V3
0.00000	-2.215063	51.946953		0.121081
1.546497	-0.413873	566.876369		
0.25000	-2.215063	51.946953		0.121081
1.546497	0.261426	501.472178		
0.50000	-2.215063	51.946953		0.121081
1.546497	0.108978	436.067986		
0.75000	-2.215063	51.946953		0.121081
1.546497	-0.043470	370.663794		
1.00000	-2.215063	51.946953		0.121081
1.546497	-0.195917	305.259602		
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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 SETTLE ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	2.215063	51.946953		0.147393
3.452670	0.413873	614.528160		
0.25000	2.215063	51.946953		0.147393
3.452670	0.405318	571.712131		
0.50000	2.215063	51.946953		0.147393
3.452670	0.438446	528.896468		
0.75000	2.215063	51.946953		0.147393
3.452670	0.471574	486.080622		
1.00000	2.215063	51.946953		0.147393
3.452670	0.504702	443.284776		
COMB SETTLE ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-2.215063	-51.946953		-0.121081
-1.906173	-0.413873	-566.876369		
0.25000	-2.215063	-51.946953		-0.121081
-1.906173	-0.261426	-501.472178		
0.50000	-2.215063	-51.946953		-0.121081
-1.906173	-0.329468	-436.067986		
0.75000	-2.215063	-51.946953		-0.121081
-1.906173	-0.515044	-370.663794		
1.00000	-2.215063	-51.946953		-0.121081
-1.906173	-0.700619	-305.259602		
ELEM 60 ===== LENGTH = 5.035807				
LOAD -P7 -----				
REL_DIST	M2	M3	V2	V3
0.00000	1.628877	-11.521784		-0.020619
-0.174770	0.094489	-266.570151		
0.25000	1.628877	-11.521784		-0.020619
-0.174770	0.120447	-252.064780		
0.50000	1.628877	-11.521784		-0.020619
-0.174770	0.146406	-237.559409		
0.75000	1.628877	-11.521784		-0.020619
-0.174770	0.172364	-223.054039		
1.00000	1.628877	-11.521784		-0.020619
-0.174770	0.198323	-208.548668		
LOAD -P8 -----				
REL_DIST	M2	M3	V2	V3
0.00000	-1.720789	34.265017		0.107944
3.028019	-0.298181	443.295156		
0.25000	-1.720789	34.265017		0.107944
3.028019	-0.434078	400.157152		
0.50000	-1.720789	34.265017		0.107944
3.028019	-0.569974	357.019147		
0.75000	-1.720789	34.265017		0.107944
3.028019	-0.705871	313.881142		
1.00000	-1.720789	34.265017		0.107944
3.028019	-0.841767	270.743138		
LOAD -P9 -----				
REL_DIST	M2	M3	V2	V3
0.00000	0.372599	-37.377297		-0.072326
-1.762402	-0.207025	-64.221162		
0.25000	0.372599	-37.377297		-0.072326
-1.762402	-0.115971	-17.164946		
0.50000	0.372599	-37.377297		-0.072326
-1.762402	-0.024916	-29.891270		
0.75000	0.372599	-37.377297		-0.072326
-1.762402	0.066139	76.947486		
1.00000	0.372599	-37.377297		-0.072326
-1.762402	0.157194	124.003701		

LOAD					-P10									
REL_DIST		M2		M3		V2		V3						
0.00000		-0.339848		17.953247				-0.025759						
-1.400646		0.579084		-138.006423										
0.25000		-0.339848		17.953247				-0.025759						
-1.400646		0.611513		-160.608966										
0.50000		-0.339848		17.953247				-0.025759						
-1.400646		0.643942		-183.210959										
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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		M2		M3		V2		V3						
0.75000		-0.339848		17.953247				-0.025759						
-1.400646		0.579084		-205.813242										
1.00000		-0.339848		17.953247				-0.025759						
-1.400646		0.708800		-228.415515										
LOAD										-A2				
REL_DIST		M2		M3		V2		V3						
0.00000		0.059161		-3.319183				0.010759						
0.309799		-0.168366		25.502580										
0.25000		0.059161		-3.319183				0.010759						
0.309799		-0.181912		29.681271										
0.50000		0.059161		-3.319183				0.010759						
0.309799		-0.195458		33.859961										
0.75000		0.059161		-3.319183				0.010759						
0.309799		-0.209093		38.038652										
1.00000		0.059161		-3.319183				0.010759						
0.309799		-0.222549		42.217343										
LOAD										-2N+1				
REL_DIST		M2		M3		V2		V3						
0.00000		2.060637		-52.218264				-0.082185						
-1.627373		-0.280903		-305.288734										
0.25000		2.060637		-52.218264				-0.082185						
-1.627373		-0.177435		-239.548456										
0.50000		2.060637		-52.218264				-0.082185						
-1.627373		-0.073968		-173.808178										
0.75000		2.060637		-52.218264				-0.082185						
-1.627373		0.029500		-108.067900										
1.00000		2.060637		-52.218264				-0.082185						
-1.627373		0.132967		-42.327623										
LOAD										-2N+2				
REL_DIST		M2		M3		V2		V3						
0.00000		-2.060637		52.218264				0.082185						
1.627373		0.280903		305.288734										
0.25000		-2.060637		52.218264				0.082185						
1.627373		0.177435		239.548456										
0.50000		-2.060637		52.218264				0.082185						
-1.627373		0.073968		173.808178										
0.75000		-2.060637		52.218264				0.082185						
1.627373		-0.029500		108.067900										
1.00000		-2.060637		52.218264				0.082185						
1.627373		-0.132967		42.327623										
COMB SETTLE										----- MAX				
REL_DIST		M2		M3		V2		V3						
0.00000		2.060637		52.218264				0.107944						
3.028019		0.579084		443.295156										
0.25000		2.060637		52.218264				0.107944						
3.028019		0.611513		400.157152										
0.50000		2.060637		52.218264				0.107944						
3.028019		0.643942		357.019147										
0.75000		2.060637		52.218264				0.107944						
3.028019		0.676371		313.881142										
1.00000		2.060637		52.218264				0.107944						
3.028019		0.708800		270.743138										
COMB SETTLE										----- MIN				
REL_DIST		M2		M3		V2		V3						
0.00000		-2.060637		-52.218264				-0.082185						
-1.762402		-0.298181		-305.288734										
0.25000		-2.060637		-52.218264				-0.082185						
-1.762402		-0.434078		-252.064780										
0.50000		-2.060637		-52.218264				-0.082185						
-1.762402		-0.569974		-237.559409										
0.75000		-2.060637		-52.218264				-0.082185						
-1.762402		-0.705871		-223.054039										
1.00000		-2.060637		-52.218264				-0.082185						
-1.762402		-0.841767		-228.415515										
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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 61 ===== LENGTH = 5.036493														
LOAD										-P7				
REL_DIST		M2		M3		V2		V3						
0.00000		1.625490		-11.592963				-0.006054						
0.254850		0.163497		-208.549748										
0.25000		1.625490		-11.592963				-0.006054						
0.254850		0.171120		-193.952778										
0.50000		1.625490		-11.592963				-0.006054						
0.254850		0.178742		-179.355808										
0.75000		1.625490		-11.592963				-0.006054						
0.254850		0.186365		-164.758933										
1.00000		1.625490		-11.592963				-0.006054						
0.254850		0.193988		-150.161869										
LOAD										-P8				
REL_DIST		M2		M3		V2		V3						
0.00000		-1.592936		34.395929				0.083008						
2.622246		-0.395402		270.774532										
0.25000		-1.592936		34.395929				0.083008						
2.622246		-0.499919		227.465819										
0.50000		-1.592936		34.395929				0.083008						
2.622246		-0.604436		184.157106										
0.75000		-1.592936		34.395929				0.083008						
2.622246		-0.708954		140.848393										
1.00000		-1.592936		34.395929				0.083008						
2.622246		-0.813471		97.539680										
LOAD										-P9				
REL_DIST		M2		M3		V2		V3						
0.00000		0.234178		-37.416466				-0.067273						
-2.337317		-0.291953		123.973614										

M2 M3				0.75000	-1.150119	34.016576	0.121266					0.25000	-0.901209	32.980387	0.072754				
0.00000	-0.032942	-37.086925	-0.127457		1.897462	-0.832147	-376.622802							0.964551	-0.938248	-630.327450			
-3.663816	0.25000	500.340659	-0.127457		1.00000	-1.150119	34.016576	0.121266						0.50000	-0.901209	32.980387	0.072754		
0.00000	-0.032942	-37.086925			1.897462	-0.984814	-419.447920							0.964551	-1.029639	-671.846959			
-3.663816	0.129987	547.033081			LOAD -P9										0.75000	-0.901209	32.980387	0.072754	
0.00000	-0.032942	-37.086925													0.964551	-1.121429	-713.366469		
-3.663816	0.030481	593.725503	-0.127457												1.00000	-0.901209	32.980387	0.072754	
0.75000	-0.032942	-37.086925													0.964551	-1.213020	-754.885978		
-3.663816	0.190948	640.417924	-0.127457												LOAD -P9				
1.00000	-0.032942	-37.086925													REL_DIST				
-3.663816	0.351416	687.110346													T	M2	M3	V2	V3
LOAD -P10														0.00000	-0.289602	-34.653145	-0.066735		
														-2.549095	1.382836	1052.052			
														0.25000	-0.289602	-34.653145	-0.066735		
														-2.549095	1.466849	1095.677			
														0.50000	-0.289602	-34.653145	-0.066735		
														-2.549095	1.550862	1139.303			
														0.75000	-0.289602	-34.653145	-0.066735		
														-2.549095	1.634875	1182.928			
														1.00000	-0.289602	-34.653145	-0.066735		
														-2.549095	1.718889	1226.553			
														LOAD -P10					
														REL_DIST					
														T	M2	M3	V2	V3	
														0.00000	-0.365468	17.094666	0.043379		
														1.867710	0.292264	-585.966930	0.043379		
														0.25000	-0.365468	17.094666	0.043379		
														1.867710	0.237642	-607.512168			
														0.50000	-0.365468	17.094666	0.043379		
														1.867710	0.183020	-629.037406			
														Program SAP2000 Nonlinear Version 7.42					
														File:2교부산방향S1-S404.OUT					
														REL_DIST					
														T	M2	M3	V2	V3	
														0.00000	-0.415348	16.425458	-0.007389		
														1.418878	-0.125238	-672.092853	-0.007389		
														0.25000	-0.415348	16.425458	-0.007389		
														1.418878	-0.115936	-692.771111	-0.007389		
														0.50000	-0.415348	16.425458	-0.007389		
														1.418878	-0.106634	-713.449370	-0.007389		
														0.75000	-0.415348	16.425458	-0.007389		
														1.418878	-0.097332	-734.127628	-0.007389		
														1.00000	-0.415348	16.425458	-0.007389		
														1.418878	-0.088030	-754.805887			
														LOAD -A2					
														REL_DIST					
														T	M2	M3	V2	V3	
														0.00000	0.074195	-3.163065	0.006962		
														-0.698052	-0.296729	124.836576			
														0.25000	0.074195	-3.163065	0.006962		
														-0.698052	-0.305494	128.818606			
														0.50000	0.074195	-3.163065	0.006962		
														-0.698052	-0.314259	132.800636			
														0.75000	0.074195	-3.163065	0.006962		
														-0.698052	-0.323024	136.726666			
														1.00000	0.074195	-3.163065	0.006962		
														-0.698052	-0.331789	140.764697			
														LOAD -2N+1					
														REL_DIST					
														T	M2	M3	V2	V3	
														0.00000	1.316557	-49.405846	-0.065365		
														-2.383429	0.971896	1260.901	-0.065365		
														0.25000	1.316557	-49.405846	-0.065365		
														-2.383429	1.054184	1323.099	-0.065365		
														0.50000	1.316557	-49.405846	-0.065365		
														-2.383429	1.136473	1385.296	-0.065365		
														Program SAP2000 Nonlinear Version 7.42					
														File:2교부산방향S1-S404.OUT					

[illegible]

-0.014252	-0.218005	75.574517		
0.25000	-0.116129	3.307631	-0.000467	
-0.014252	-0.217416	71.410056		
0.50000	-0.116129	3.307631	-0.000467	
-0.014252	-0.218628	67.245595		
0.75000	-0.116129	3.307631	-0.000467	
-0.014252	-0.216239	63.081134		
1.00000	-0.116129	3.307631	-0.000467	
-0.014252	-0.215651	58.916673		
LOAD -P8 -----				
REL_DIST	P	M2	M3	V2
0.00000		0.606680	-17.868671	-0.025380
-0.124140		0.573830	-408.700926	
0.25000		0.606680	-17.868671	-0.025380
-0.124140		0.605784	-386.203441	
0.50000		0.606680	-17.868671	-0.025380
-0.124140		0.637738	-363.705955	
0.75000		0.606680	-17.868671	-0.025380
-0.124140		0.669693	-341.208469	
1.00000		0.606680	-17.868671	-0.025380
-0.124140		0.701647	-318.710984	
LOAD -P9 -----				
REL_DIST	P	M2	M3	V2
0.00000		-1.708889	37.335175	0.127195
3.078763		-0.842370	500.361141	
0.25000		-1.708889	37.335175	0.127195
3.078763		-1.003914	453.354424	
0.50000		-1.708889	37.335175	0.127195
3.078763		-1.162658	406.347707	
0.75000		-1.708889	37.335175	0.127195
3.078763		-1.322802	359.340991	
1.00000		-1.708889	37.335175	0.127195
3.078763		-1.482946	312.334274	
LOAD -P10 -----				
REL_DIST	P	M2	M3	V2
0.00000		0.190033	-34.395692	-0.097763
-2.278448		0.530978	-75.553420	
0.25000		0.190033	-34.395692	-0.097763
-2.278448		0.654066	-32.247648	
0.50000		0.190033	-34.395692	-0.097763
-2.278448		0.777153	-11.058122	
0.75000		0.190033	-34.395692	-0.097763
-2.278448		0.900241	54.363897	
1.00000		0.190033	-34.395692	-0.097763
-2.278448		1.023329	97.669669	
LOAD -A2 -----				
REL_DIST	P	M2	M3	V2
0.00000		1.034306	11.621558	-0.003585
-0.661923		-0.044333	-91.681312	
0.25000		1.034306	11.621558	-0.003585
-0.661923		-0.039920	-103.133392	
0.50000		1.034306	11.621558	-0.003585
-0.661923		-0.035407	-120.945472	
0.75000		1.034306	11.621558	-0.003585
-0.661923		-0.030893	-135.577552	
1.00000		1.034306	11.621558	-0.003585
-0.661923		-0.026380	-150.209633	
LOAD -2N+1-----				
REL_DIST	P	M2	M3	V2
0.00000		-0.790713	52.264363	0.123142
2.402588		-1.104808	484.254346	
0.25000		-0.790713	52.264363	0.123142
2.402588		-1.259850	418.451088	
0.50000		-0.790713	52.264363	0.123142
2.402588		-1.414892	352.647830	
Program SAP2000 Nonlinear Version 7.42				
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< UNEQUAL Page SETTLEMENT 148 >				
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
0.75000		-0.790713	52.264363	0.123142
2.402588		-1.569934	286.844573	
1.00000		-0.790713	52.264363	0.123142
2.402588		-1.724976	221.041315	
LOAD -2N+2-----				
REL_DIST	P	M2	M3	V2
0.00000		0.790713	-52.264363	-0.123142
-2.402588		1.104808	-484.254346	
0.25000		0.790713	-52.264363	-0.123142
-2.402588		1.259850	-418.451088	
0.50000		0.790713	-52.264363	-0.123142
-2.402588		1.414892	-352.647830	
0.75000		0.790713	-52.264363	-0.123142
-2.402588		1.569934	-286.844573	
1.00000		0.790713	-52.264363	-0.123142
-2.402588		1.724976	-221.041315	
COMB SETTLE ----- MAX				
REL_DIST	P	M2	M3	V2
0.00000		1.034306	52.264363	0.127195
3.078763		1.104808	500.361141	
0.25000		1.034306	52.264363	0.127195
3.078763		1.259850	453.354424	
0.50000		1.034306	52.264363	0.127195
3.078763		1.414892	406.347707	
0.75000		1.034306	52.264363	0.127195
3.078763		1.569934	359.340991	
1.00000		1.034306	52.264363	0.127195
3.078763		1.724976	312.334274	
COMB SETTLE ----- MIN				
REL_DIST	P	M2	M3	V2
0.00000		-1.708889	-52.264363	-0.123142
-2.402588		-1.104808	-484.254346	
0.25000		-1.708889	-52.264363	-0.123142
-2.402588		-1.259850	-418.451088	
0.50000		-1.708889	-52.264363	-0.123142
-2.402588		-1.414892	-363.705955	
0.75000		-1.708889	-52.264363	-0.123142
-2.402588		-1.569934	-341.208469	
1.00000		-1.708889	-52.264363	-0.123142
-2.402588		-1.724976	-318.710984	
ELEM 72 ===== LENGTH =				
5.035512				
LOAD -P7 -----				
REL_DIST	P	M2	M3	V2
0.00000		-0.114622	3.315488	-0.002292
-0.191314		-0.203651	58.916695	

0.25000	-0.114622	3.315488	-0.002292	
-0.191314	-0.200766	54.742900		
0.50000	-0.114622	3.315488	-0.002292	
-0.191314	-0.197881	50.569105		
0.75000	-0.114622	3.315488	-0.002292	
-0.191314	-0.194996	46.395310		
1.00000	-0.114622	3.315488	-0.002292	
-0.191314	-0.192111	42.221514		
LOAD -P8 -----				
REL_DIST	P	M2	M3	V2
0.00000		0.594937	-17.929162	-0.010241
0.769369		0.644095	-318.711607	
0.25000		0.594937	-17.929162	-0.010241
0.769369		0.656987	-296.140981	
0.50000		0.594937	-17.929162	-0.010241
0.769369		0.669879	-273.570355	
0.75000		0.594937	-17.929162	-0.010241
0.769369		0.682771	-250.999728	
1.00000		0.594937	-17.929162	-0.010241
0.769369		0.695663	-228.429102	
Program SAP2000 Nonlinear Version 7.42				
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< UNEQUAL Page SETTLEMENT 149 >				
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 -P9 -----				
REL_DIST	P	M2	M3	V2
0.00000		-1.581121	37.417845	0.108713
2.295544		-1.028049	312.365700	
0.25000		-1.581121	37.417845	0.108713
2.295544		-1.164905	265.261200	
0.50000		-1.581121	37.417845	0.108713
2.295544		-1.301761	218.156700	
0.75000		-1.581121	37.417845	0.108713
2.295544		-1.438616	171.051291	
1.00000		-1.581121	37.417845	0.108713
2.295544		-1.575472	123.947699	
LOAD -P10 -----				
REL_DIST	P	M2	M3	V2
0.00000		0.054267	-34.398726	-0.099893
-2.641829		0.580878	97.638238	
0.25000		0.054267	-34.398726	-0.099893
-2.641829		0.706630	140.942036	
0.50000		0.054267	-34.398726	-0.099893
-2.641829		0.832383	184.245832	
0.75000		0.054267	-34.398726	-0.099893
-2.641829		0.958136	227.549631	
1.00000		0.054267	-34.398726	-0.099893
-2.641829		1.083888	270.853428	
LOAD -A2 -----				
REL_DIST	P	M2	M3	V2
0.00000		1.046538	11.594554	0.003713
-0.00000		0.002627	-150.209633	
0.25000		1.046538	11.594554	0.003713
-0.231771		0.002053	-164.805154	
0.50000		1.046538	11.594554	0.003713
-0.231771		-0.002621	-179.401283	
0.75000		1.046538	11.594554	0.003713
-0.231771		-0.002627	-193.901741	
1.00000		1.046538	11.594554	0.003713
-0.231771		-0.011969	-208.593540	
LOAD -2N+1-----				
REL_DIST	P	M2	M3	V2
0.00000		-0.649204	52.327888	0.110133
1.872459		-1.224973	221.073369	
0.25000		-0.649204	52.327888	0.110133
1.872459		-1.363618	155.198945	
0.50000		-0.649204	52.327888	0.110133
1.872459		-1.502262	89.324522	
0.75000		-0.649204	52.327888	0.110133
1.872459		-1.640907	23.450098	
1.00000		-0.649204	52.327888	0.110133
1.872459		-1.779552	42.424326	
LOAD -2N+2-----				
REL_DIST	P	M2	M3	V2
0.00000		0.649204	-52.327888	-0.110133
-1.872459		1.224973	-221.073369	
0.25000		0.649204	-52.327888	-0.110133
-1.872459		1.363618	-155.198945	
0.50000		0.649204	-52.327888	-0.110133
-1.872459		1.502262	-89.324522	
0.75000		0.649204	-52.327888	-0.110133
-1.872459		1.640907	-23.450098	
1.00000		0.649204	-52.327888	-0.110133
-1.872459		1.779552	42.424326	
COMB SETTLE ----- MAX				
REL_DIST	P	M2	M3	V2
0.00000		1.046538	52.327888	0.110133
2.295544		1.224973	312.365700	
0.25000		1.046538	52.327888	0.110133
2.295544		1.363618	265.261200	
0.50000		1.046538	52.327888	0.110133
2.295544		1.502262	218.156700	
0.75000		1.046538	52.327888	0.110133
2.295544		1.640907	227.549631	
1.00000		1.046538	52.327888	0.110133
2.295544		1.779552	270.853428	
Program SAP2000 Nonlinear Version 7.42				
File:2교부선방향S1-S404.OUT				
< UNEQUAL Page SETTLEMENT 150 >				
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 SETTLE ----- MIN				
REL_DIST	P	M2	M3	V2
0.00000		-1.581121	-52.327888	-0.110133
-2.641829		-1.224973	-318.711607	
0.25000		-1.581121	-52.327888	-0.110133
-2.641829		-1.363618	-296.140981	
0.50000		-1.581121	-52.327888	-0.110133
-2.641829		-1.502262	-273.570355	

75 ===== LENGTH =					5.035659				
LOAD -P7 -----					REL_DIST P M2 M3 V2 V3				
T					0.00000 -0.097724 3.132951 -0.002547				
0.450706 -0.100837 8.797340 -0.002547					0.25000 -0.097724 3.132951				
-0.450706 -0.097630 4.626618 -0.002547					0.50000 -0.097724 3.132951				
-0.450706 -0.094423 0.455895 -0.002547					0.75000 -0.097724 3.132951				
0.75000 -0.097724 3.132951 -0.002547					-0.450706 -0.091216 -3.714828				
-0.450706 -0.091216 -3.714828 -0.002547					1.00000 -0.097724 3.132951				
-0.450706 -0.088009 -7.885550					LOAD -P8 -----				
LOAD					REL_DIST P M2 M3 V2 V3				
0.00000					0.00000 0.508222 -17.912200 -0.008100				
2.196089 0.432252 -47.660649 -0.008100					0.25000 0.508222 -17.912200				
0.50000 0.508222 -25.110719 -0.008100					2.196089 0.442449 -25.110719 -0.008100				
0.75000 0.508222 -17.912200 -0.008100					0.50000 0.508222 -2.560788 -0.008100				
2.196089 0.462842 19.989143 -0.008100					0.75000 0.508222 -17.912200 -0.008100				
1.00000 0.508222 -17.912200 -0.008100					2.196089 0.473039 42.539074				
2.196089 0.473039 42.539074					LOAD -P9 -----				
LOAD					REL_DIST P M2 M3 V2 V3				
0.00000					0.00000 -1.132877 36.976280 0.153823				
-3.584410 -1.394960 -251.708590 0.153823					0.25000 -1.132877 36.976280				
1.147682 -1.588610 -298.258570 0.153823					0.50000 -1.132877 36.976280				
1.147682 -1.32877 36.976280 0.153823					1.147682 -1.782261 -344.808549 0.153823				
0.75000 -1.132877 36.976280 0.153823					2.196089 -1.132877 36.976280				
1.147682 -1.975911 -391.358529 0.153823					0.00000 -0.325824 -33.548058 -0.198942				
1.00000 -1.132877 36.976280 0.153823					-3.584410 1.419233 614.614008 -0.198942				
1.147682 -2.169562 -437.908508					0.25000 -0.325824 -33.548058 -0.198942				
LOAD -P10 -----					-3.584410 1.699684 656.848149 -0.198942				
REL_DIST P M2 M3 V2 V3					0.50000 -0.325824 -33.548058 -0.198942				
0.00000					-3.584410 1.920135 699.082290 -0.198942				
-3.584410 1.920135 699.082290 -0.198942					Program SAP2000 Nonlinear Version 7.42				
File:2교부산방향S1-S404.OUT					< UNEQUAL Page SETTLEMENT >				
< UNEQUAL Page SETTLEMENT >					154				
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				
REL_DIST P M2 M3 V2 V3					0.75000 -0.325824 -33.548058 -0.198942				
-3.584410 1.419233 614.614008 -0.198942					1.00000 -0.325824 -33.548058 -0.198942				
0.75000 -0.325824 -33.548058 -0.198942					-3.584410 2.421038 783.550572				
LOAD -A2 -----					REL_DIST P M2 M3 V2 V3				
REL_DIST P M2 M3 V2 V3					0.00000 1.048203 11.171027 0.055766				
0.00000					0.691344 -0.355688 -324.042101 0.055766				
0.25000					0.691344 -0.425892 -338.105478 0.055766				
0.691344 -0.425892 -338.105478 0.055766					0.50000 1.048203 11.171027 0.055766				
0.50000					0.691344 -0.496097 -352.168848 0.055766				
0.691344 -0.496097 -352.168848 0.055766					0.75000 1.048203 11.171027 0.055766				
0.75000					0.691344 -0.566301 -366.232218 0.055766				
0.691344 -0.566301 -366.232218 0.055766					1.00000 1.048203 11.171027 0.055766				
1.00000					0.691344 -0.636506 -380.295587				
0.691344 -0.636506 -380.295587					LOAD -2N+1-----				
LOAD					REL_DIST P M2 M3 V2 V3				
0.00000					0.00000 -0.064483 50.547235 0.193561				
1.388321 -1.851485 -566.953359 0.207042					0.25000 -0.064483 50.547235 0.193561				
0.25000					0.50000 -0.064483 50.547235 0.193561				
1.388321 -2.112133 -631.737430 0.207042					0.75000 -0.064483 50.547235 0.193561				
0.50000					1.388321 -2.372781 -696.521502 0.207042				
1.388321 -2.372781 -696.521502 0.207042					0.75000 -0.182398 -51.460258 0.207042				
0.75000					1.388321 -2.633429 -761.305574 0.207042				
1.388321 -2.633429 -761.305574 0.207042					1.00000 -0.182398 -51.460258 0.207042				
1.00000					1.388321 -2.894077 -826.089646				
1.388321 -2.894077 -826.089646					LOAD -2N+2-----				
LOAD					REL_DIST P M2 M3 V2 V3				
0.00000					0.00000 0.82398 -51.460258 -0.207042				
1.388321 1.851485 566.953359 -0.207042					0.25000 0.82398 -51.460258 -0.207042				
0.25000					1.388321 2.112133 631.737430 -0.207042				
1.388321 2.112133 631.737430 -0.207042					0.50000 0.82398 -51.460258 -0.207042				
0.50000					1.388321 2.372781 696.521502 -0.207042				
1.388321 2.372781 696.521502 -0.207042					0.75000 0.82398 -51.460258 -0.207042				
0.75000					1.388321 2.633429 761.305574 -0.207042				
1.388321 2.633429 761.305574 -0.207042					1.00000 0.82398 -51.460258 -0.207042				
1.00000					1.388321 2.894077 826.089646				
1.388321 2.894077 826.089646					COMB SETTLE ----- MAX				
COMB SETTLE					REL_DIST P M2 M3 V2 V3				
0.00000					0.00000 1.048203 51.460258 0.207042				
2.196089 1.851485 614.614008 0.207042					0.25000 1.048203 51.460258 0.207042				
0.25000					2.196089 2.112133 656.848149 0.207042				
2.196089 2.112133 656.848149 0.207042					0.50000 1.048203 51.460258 0.207042				
0.50000					2.196089 2.372781 699.082290 0.207042				
2.196089 2.372781 699.082290 0.207042					0.75000 1.048203 51.460258 0.207042				
0.75000					2.196089 2.633429 761.305574 0.207042				
2.196089 2.633429 761.305574 0.207042					1.00000 1.048203 51.460258 0.207042				
1.00000					2.196089 2.894077 826.089646				
2.196089 2.894077 826.089646					COMB SETTLE ----- MIN				
COMB SETTLE					REL_DIST P M2 M3 V2 V3				
0.00000					0.00000 -1.132877 -51.460258 -0.207042				
-3.584410 -1.132877 -51.460258 -0.207042					0.25000 -1.132877 -51.460258 -0.207042				
0.25000					-3.584410 -1.32877 36.976280 0.153823				
-3.584410 -1.32877 36.976280 0.153823					0.50000 -1.132877 36.976280 0.153823				
0.50000					1.147682 -1.782261 -344.808549 0.153823				
1.147682 -1.782261 -344.808549 0.153823					2.196089 -1.132877 36.976280				
2.196089 -1.132877 36.976280					0.00000 -0.325824 -33.548058 -0.198942				
0.00000 -0.325824 -33.548058 -0.198942					-3.584410 1.419233 614.614008 -0.198942				
-3.584410 1.419233 614.614008 -0.198942					0.25000 -0.325824 -33.548058 -0.198942				
0.25000 -0.325824 -33.548058 -0.198942					-3.584410 1.699684 656.848149 -0.198942				
-3.584410 1.699684 656.848149 -0.198942					0.50000 -0.325824 -33.548058 -0.198942				
0.50000 -0.325824 -33.548058 -0.198942					-3.584410 1.920135 699.082290 -0.198942				
-3.584410 1.920135 699.082290 -0.198942					Program SAP2000 Nonlinear Version 7.42				
Program SAP2000 Nonlinear Version 7.42					File:2교부산방향S1-S404.OUT				
File:2교부산방향S1-S404.OUT					< UNEQUAL Page SETTLEMENT >				
< UNEQUAL Page SETTLEMENT >					158				
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				
REL_DIST P M2 M3 V2 V3					0.75000 -0.057466 -49.232050 0.083275				
-1.131061 -3.221715 -1080.624 -0.083275					0.25000 0.057466 49.232050 0.083275				
0.25000					-1.131061 -3.431389 -1204.583 -0.083275				
-1.131061 -3.431389 -1204.583 -0.083275					0.50000 0.057466 49.232050 0.083275				
0.50000					-1.131061 -3.641063 -1328.542 -0.083275				
-1.131061 -3.641063 -1328.542 -0.083275					0.75000 0.057466 49.232050 0.083275				
0.75000					-1.131061 -3.851258 -1456.761500 -0.079628				
-1.131061 -3.851258 -1456.761500 -0.079628					1.00000 0.057466 49.232050 0.083275				
1.00000					-1.131061 -4.061443 -1584.981500 -0.079628				
-1.131061 -4.061443 -1584.981500 -0.079628					2.196089 0.057466 49.232050 0.083275				
2.196089 0.057466 49.232050 0.083275					0.00000 0.057466 49.232050 0.083275				
0.00000					-1.131061 -4.271628 -1713.201500 -0.079628				
-1.131061 -4.271628 -1713.201500 -0.079628					0.25000 0.057466 49.232050 0.083275				
0.25000					-1.131061 -4.481813 -1841.421500 -0.079628				
-1.131061 -4.481813 -1841.421500 -0.079628					0.50000 0.057466 49.232050 0.083275				
0.50000					-1.131061 -4.691998 -1969.641500 -0.079628				
-1.131061 -4.691998 -1969.641500 -0.079628					0.75000 0.057466 49.232050 0.083275				
0.75000					-1.131061 -4.902183 -2097.861500 -0.079628				
-1.131061 -4.902183 -2097.861500 -0.079628					1.00000 0.057466 49.232050 0.083275				
1.00000					-1.131061 -5.112368 -2226.081500 -0.079628				
-1.131061 -5.112368 -2226.081500 -0.079628					2.196089 0.057466 49.232050 0.083275				
2.196089 0.057466 49.232050 0.083275					0.00000 0.057466 49.232050 0.083275				
0.00000					-1.131061 -5.322553 -2354.301500 -0.079628				
-1.131061 -5.322553 -2354.301500 -0.079628					0.25000 0.057466 49.232050 0.083275				
0.25000					-1.131061 -5.532738 -2482.521500 -0.079628				
-1.131061 -5.532738 -2482.521500 -0.079628					0.50000 0.057466 49.232050 0.083275				
0.50000					-1.131061 -5.742923 -2610.741500 -0.079628				
-1.131061 -5.742923 -2610.741500 -0.079628					0.75000 0.057466 49.232050 0.083275				
0.75000					-1.131061 -5.953108 -2738.961500 -0.079628				
-1.131061 -5.953108 -2738.961500 -0.079628					1.00000 0.057466 49.232050 0.083275				
1.00000					-1.131061 -6.163293 -2867.181500 -0.079628				
-1.131061 -6.163293 -2867.181500 -0.079628					2.196089 0.057466 49.232050 0.083275				
2.196089 0.057466 49.232050 0.083275					0.00000 0.057466 49.232050 0.083275				
0.00000					-1.131061 -6.373478 -2995.401500 -0.079628				
-1.131061 -6.373478 -2995.401500 -0.079628					0.25000 0.057466 49.232050 0.083275				
0.25000					-1.131061 -6.583663 -3123.621500 -0.079628				
-1.131061 -6.583663 -3123.621500 -0.079628					0.50000 0.057466 49.232050 0.083275				
0.50000					-1.131061 -6.793848 -3251.841500 -0.079628				
-1.131061 -6.793848 -3251.841500 -0.079628					0.75000 0.057466 49.232050 0.083275				
0.75000					-1.131061 -7.004033 -3380.061500 -0.079628				
-1.131061 -7.004033 -3380.061500 -0.079628					1.00000 0.057466 49.232050 0.083275				
1.00000					-1.131061 -7.214218 -3508.281500 -0.079628				
-1.131061 -7.214218 -3508.281500 -0.079628					2.196089 0.057466 49.232050 0.083275				
2.196089 0.057466 49.232050 0.083275					0.00000 0.057466 49.232050 0.083275				
0.00000					-1.131061 -7.424403 -3636.501500 -0.079628				
-1.131061 -7.424403 -3636.501500 -0.079628					0.25000 0.057466 49.232050 0.083275				
0.25000					-1.131061 -7.634588 -3764.721500 -0.079628				
-1.131061 -7.634588 -3764.721500 -0.079628					0.50000 0.057466 49.232050 0.083275				
0.50000					-1.131061 -7.844773 -3892.941500 -0.079628				
-1.131061 -7.844773 -3892.941500 -0.079628					0.75000 0.057466 49.232050 0.083275				
0.75000					-1.131061 -8.054958 -4021.161500 -0.079628				
-1.131061 -8.054958 -4021.161500 -0.079628					1.00000 0.057466 49.232050 0.083275				
1.00000					-1.131061 -8.265143 -4149.381500 -0.079628				
-1.131061 -8.265143 -4149.381500 -0.079628					2.196089 0.057466 49.232050 0.083275				
2.196089 0.057466 49.232050 0.083275					0.00000 0.057466 49.232050 0.083275				
0.00000					-1.131061 -8.475328 -4277.601500 -0.079628				
-1.131061 -8.475328 -4277.601500 -0.079628					0.25000 0.057466 49.232050 0.083275				
0.25000					-1.131061 -8.685513 -4405.821500 -0.079628				
-1.131061 -8.685513 -4405.821500 -0.079628					0.50000 0.057466 49.232050 0.083275				
0.50000					-1.131061 -8.895698 -4534.041500 -0.079628				
-1.131061 -8.895698 -4534.041500 -0.079628					0.75000 0.057466 49.232050 0.083275				
0.75000					-1.131061 -9.105883 -4662.261500 -0.079628				
-1.131061 -9.105883 -4662.261500 -0.079628					1.00000 0.057466 49.232050 0.083275				
1.00000					-1.131061 -9.316068 -4790.481500 -0.079628				
-1.131061 -9.316068 -4790.481500 -0.079628					2.196089 0.057466 49.232050 0.083275				
2.196089 0.057466 49.232050 0.083275					0.00000 0.057466 49.232050 0.083275				
0.00000					-1.131061 -9.526253 -4918.701500 -0.079628				
-1.131061 -9.526253 -4918.701500 -0.079628					0.25000 0.057466 49.232050 0.083275				
0.25000					-1.131061 -9.736438 -5046.921500 -0.079628</				

0.00000 -1.914742 -21.684569 -0.112841
-7.011684 -3.331820 -1328.547
0.25000 -1.914742 -21.684569 -0.112841
-7.011684 -3.189743 -1301.244
0.50000 -1.914742 -21.684569 -0.112841
-7.011684 -3.047666 -1273.941
0.75000 -1.914742 -21.684569 -0.112841
-7.011684 -2.905589 -1246.639
1.00000 -1.914742 -21.684569 -0.112841
-7.011684 -2.763511 -1219.336

ELEM 79 ===== LENGTH =
5.036009

LOAD -P7 -----

REL_DIST M2 P M3 V2 V3
T
0.00000 0.026326 -0.742569 -0.002483
-0.283967 0.002235 -37.401764
0.25000 0.026326 -0.742569 -0.002483
-0.283967 0.005362 -36.466888
0.50000 0.026326 -0.742569 -0.002483
-0.283967 0.008488 -35.531972
0.75000 0.026326 -0.742569 -0.002483
-0.283967 0.011615 -34.597076
1.00000 0.026326 -0.742569 -0.002483
-0.283967 0.014742 -33.662181
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FRAME ELEMENT INTERNAL FORCES

LOAD -P8 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 0.156688 4.000103 0.016766
1.491477 0.180107 202.142957
0.25000 -0.156688 -4.000103 0.016766
1.491477 0.158939 197.106819
0.50000 -0.156688 4.000103 0.016766
1.491477 0.137891 192.070680
0.75000 -0.156688 4.000103 0.016766
1.491477 0.116782 187.034542
1.00000 -0.156688 4.000103 0.016766
1.491477 0.095674 181.998404

LOAD -P9 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 0.565919 -13.941548 -0.100513
-3.210978 -1.770830 -735.151780
0.25000 0.565919 -13.941548 -0.100513
-3.210978 -1.644284 -717.599340
0.50000 0.565919 -13.941548 -0.100513
-3.210978 -1.517738 -700.040690
0.75000 0.565919 -13.941548 -0.100513
-3.210978 -1.391192 -682.494462
1.00000 0.565919 -13.941548 -0.100513
-3.210978 -1.264646 -664.942022

LOAD -P10 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 -1.802174 18.942072 0.218924
6.336417 2.513185 1017.215
0.25000 -1.802174 18.942072 0.218924
6.336417 2.237538 993.367071
0.50000 -1.802174 18.942072 0.218924
6.336417 1.961912 969.518961
0.75000 -1.802174 18.942072 0.218924
6.336417 1.686286 945.670851
1.00000 -1.802174 18.942072 0.218924
6.336417 1.410660 921.822741

LOAD -A2 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 1.366616 -8.258058 -0.132694
-4.332949 -0.924676 -446.804594
0.25000 1.366616 -8.258058 -0.132694
-4.332949 -0.757615 -436.407681
0.50000 1.366616 -8.258058 -0.132694
-4.332949 -0.590555 -426.010768
0.75000 1.366616 -8.258058 -0.132694
-4.332949 -0.423492 -415.613855
1.00000 1.366616 -8.258058 -0.132694
-4.332949 -0.256430 -405.216942

LOAD -2N+1-----
REL_DIST M2 P M3 V2 V3
T
0.00000 -1.958861 -22.942175 -0.235690
-7.827894 -2.693271 -1219.358
0.25000 -1.958861 -22.942175 -0.235690
-7.827894 -2.396537 -1190.474
0.50000 -1.958861 -22.942175 -0.235690
-7.827894 -2.099803 -1161.590
0.75000 -1.958861 -22.942175 -0.235690
-7.827894 -1.803069 -1132.705
1.00000 -1.958861 -22.942175 -0.235690
-7.827894 -1.506334 -1103.821

LOAD -2N+2-----
REL_DIST M2 P M3 V2 V3
T
0.00000 -1.958861 22.942175 0.235690
7.827894 2.693271 1219.358
0.25000 -1.958861 22.942175 0.235690
7.827894 2.396537 1190.474
0.50000 -1.958861 22.942175 0.235690
7.827894 2.099803 1161.590
0.75000 -1.958861 22.942175 0.235690
7.827894 1.803069 1132.705
1.00000 -1.958861 22.942175 0.235690
7.827894 1.506334 1103.821
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FRAME ELEMENT INTERNAL FORCES

COMB SETTLE ----- MAX
REL_DIST M2 P M3 V2 V3
T
0.00000 1.958861 22.942175 0.235690
7.827894 2.693271 1219.358
0.25000 1.958861 22.942175 0.235690
7.827894 2.396537 1190.474
0.50000 1.958861 22.942175 0.235690
7.827894 2.099803 1161.590
0.75000 1.958861 22.942175 0.235690
7.827894 1.803069 1132.705
1.00000 1.958861 22.942175 0.235690
7.827894 1.506334 1103.821

COMB SETTLE ----- MIN
REL_DIST M2 P M3 V2 V3
T
0.00000 -1.958861 -22.942175 -0.235690
-7.827894 -2.693271 -1219.358
0.25000 -1.958861 -22.942175 -0.235690
-7.827894 -2.396537 -1190.474
0.50000 -1.958861 -22.942175 -0.235690
-7.827894 -2.099803 -1161.590
0.75000 -1.958861 -22.942175 -0.235690
-7.827894 -1.803069 -1132.705
1.00000 -1.958861 -22.942175 -0.235690
-7.827894 -1.506334 -1103.821

ELEM 80 ===== LENGTH =
5.035773

LOAD -P7 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 0.029271 -0.744331 -0.001894
-0.183268 0.020895 -33.662536
0.25000 0.029271 -0.744331 -0.001894
-0.183268 0.023280 -32.725466
0.50000 0.029271 -0.744331 -0.001894
-0.183268 0.025665 -31.788395
0.75000 0.029271 -0.744331 -0.001894
-0.183268 0.028050 -30.851325
1.00000 0.029271 -0.744331 -0.001894
-0.183268 0.030435 -29.914254

LOAD -P8 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 -0.171443 4.017736 0.016037
0.976950 0.085959 182.000428
0.25000 -0.171443 4.017736 0.016037
0.976950 0.045769 176.942324
0.50000 -0.171443 4.017736 0.016037
0.976950 0.025579 171.884222
0.75000 -0.171443 4.017736 0.016037
0.976950 0.005389 166.826120
1.00000 -0.171443 4.017736 0.016037
0.976950 -0.014801 161.768018

LOAD -P9 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 0.628833 -14.364925 -0.107163
-2.737784 -1.121416 -664.944054
0.25000 0.628833 -14.364925 -0.107163
-2.737784 -0.966504 -646.859427
0.50000 0.628833 -14.364925 -0.107163
-2.737784 -0.851593 -628.774801
0.75000 0.628833 -14.364925 -0.107163
-2.737784 -0.716681 -610.690175
1.00000 0.628833 -14.364925 -0.107163
-2.737784 -0.581769 -592.605549

LOAD -P10 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 -1.718859 19.713119 0.234230
6.403178 1.526134 921.849705
0.25000 -1.718859 19.713119 0.234230
6.403178 1.231252 897.030273
0.50000 -1.718859 19.713119 0.234230
6.403178 0.936369 872.214309
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FRAME ELEMENT INTERNAL FORCES
REL_DIST M2 P M3 V2 V3
T
0.75000 -1.718859 19.713119 0.234230
6.403178 0.641487 847.396611
1.00000 -1.718859 19.713119 0.234230
6.403178 0.346605 822.578912

LOAD -A2 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 1.302199 -8.621598 -0.141210
-4.459077 -0.491572 -405.243542
0.25000 1.302199 -8.621598 -0.141210
-4.459077 -0.313797 -394.384938
0.50000 1.302199 -8.621598 -0.141210
-4.459077 -0.136021 -383.535335
0.75000 1.302199 -8.621598 -0.141210
-4.459077 0.041754 -372.681231
1.00000 1.302199 -8.621598 -0.141210
-4.459077 0.219530 -361.827128

LOAD -2N+1-----
REL_DIST M2 P M3 V2 V3
T
0.00000 1.960303 -23.730855 -0.250267
-7.380129 -1.592093 -1103.850
0.25000 1.960303 -23.730855 -0.250267
-7.380129 -1.277021 -1073.974
0.50000 1.960303 -23.730855 -0.250267
-7.380129 -0.961949 -1044.099
0.75000 1.960303 -23.730855 -0.250267
-7.380129 -0.646876 -1014.223
1.00000 1.960303 -23.730855 -0.250267
-7.380129 -0.331804 -984.346931

LOAD -2N+2-----
REL_DIST M2 P M3 V2 V3
T
0.00000 -1.960303 23.730855 0.250267
7.380129 1.592093 1103.850
0.25000 -1.960303 23.730855 0.250267
7.380129 1.277021 1073.974
0.50000 -1.960303 23.730855 0.250267
7.380129 0.961949 1044.099
0.75000 -1.960303 23.730855 0.250267
7.380129 0.646876 1014.223
1.00000 -1.960303 23.730855 0.250267
7.380129 -0.331804 984.346931

COMB SETTLE ----- MAX
REL_DIST M2 P M3 V2 V3
T
0.00000 1.960303 23.730855 0.250267
7.380129 1.592093 1103.850
0.25000 1.960303 23.730855 0.250267
7.380129 1.277021 1073.974
0.50000 1.960303 23.730855 0.250267
7.380129 0.961949 1044.099
0.75000 1.960303 23.730855 0.250267
7.380129 0.646876 1014.223
1.00000 1.960303 23.730855 0.250267
7.380129 0.346605 984.346931

COMB SETTLE ----- MIN
REL_DIST M2 P M3 V2 V3
T
0.00000 -1.960303 -23.730855 -0.250267
-7.380129 -1.592093 -1103.850
0.25000 -1.960303 -23.730855 -0.250267
-7.380129 -1.277021 -1073.974
0.50000 -1.960303 -23.730855 -0.250267
-7.380129 -0.961949 -1044.099
0.75000 -1.960303 -23.730855 -0.250267
-7.380129 -0.716681 -1014.223
1.00000 -1.960303 -23.730855 -0.250267
-7.380129 -0.581769 -984.346931
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FRAME ELEMENT INTERNAL FORCES

LOAD -P7 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 0.030706 -0.747512 -0.001063
-0.102571 0.030706 -29.914474
0.25000 0.030706 -0.747512 -0.001063
-0.102571 0.034412 -28.973450
0.50000 0.030706 -0.747512 -0.001063
-0.102571 0.035750 -28.032426
0.75000 0.030706 -0.747512 -0.001063
-0.102571 0.037088 -27.091403
1.00000 0.030706 -0.747512 -0.001063
-0.102571 0.038426 -26.150379

LOAD -P8 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 -0.177910 4.039493 0.011643
0.557254 -0.025031 161.769397
0.25000 -0.177910 4.039493 0.011643
0.557254 -0.039688 156.684184
0.50000 -0.177910 4.039493 0.011643
0.557254 -0.054345 151.598972
0.75000 -0.177910 4.039493 0.011643
0.557254 -0.069002 146.513759
1.00000 -0.177910 4.039493 0.011643
0.557254 -0.083659 141.428546

LOAD -P9 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 0.657453 14.654672 -0.081502
-2.021491 -0.525410 -592.602270
0.25000 0.657453 14.654672 -0.081502
-2.021491 -0.422811 -574.160839
0.50000 0.657453 14.654672 -0.081502
-2.021491 -0.320211 -555.712455
0.75000 0.657453 14.654672 -0.081502
-2.021491 -0.218150 -538.267470
1.00000 0.657453 14.654672 -0.081502
-2.021491 -0.115010 -518.815686

LOAD -P10 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 1.726816 20.244078 0.190280
5.915475 0.588495 822.609678
0.25000 1.726816 20.244078 0.190280
5.915475 0.348957 797.124935
0.50000 1.726816 20.244078 0.190280
5.915475 0.109419 771.640193
0.75000 1.726816 20.244078 0.190280
5.915475 -0.130119 746.155450
1.00000 1.726816 20.244078 0.190280
5.915475 -0.369658 720.670708

LOAD -A2 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 1.216567 -8.881387 -0.119358
-4.348666 -0.071126 -361.853577
0.25000 1.216567 -8.881387 -0.119358
-4.348666 0.079131 -350.674830
0.50000 1.216567 -8.881387 -0.119358
-4.348666 0.229387 -339.494283
0.75000 1.216567 -8.881387 -0.119358
-4.348666 0.379644 -328.313796
1.00000 1.216567 -8.881387 -0.119358
-4.348666 0.529901 -317.133189

LOAD -2N+1-----
REL_DIST M2 P M3 V2 V3
T
0.00000 1.904726 -24.283572 -0.201923
-6.472729 -0.563464 -984.379075
0.25000 1.904726 -24.283572 -0.201923
-6.472729 -0.309269 -953.809120
0.50000 1.904726 -24.283572 -0.201923
-6.472729 -0.055074 -923.239165
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FRAME ELEMENT INTERNAL FORCES

LOAD -2N+2-----
REL_DIST M2 P M3 V2 V3
T
0.75000 1.904726 -24.283572 -0.201923
-6.472729 0.199122 -892.669209
1.00000 1.904726 -24.283572 -0.201923
-6.472729 0.453317 -862.099254

COMB SETTLE ----- MAX
REL_DIST M2 P M3 V2 V3
T
0.00000 1.904726 24.283572 0.201923
6.472729 0.588495 984.379075
0.25000 1.904726 24.283572 0.201923

6.472729 0.348957 953.809120 0.201923
0.50000 1.904726 24.283572
6.472729 0.229387 923.239165
1.00000 1.904726 24.283572
6.472729 0.379644 892.669209
1.00000 1.904726 24.283572
6.472729 0.529901 862.099254

COMB SETTLE ----- MIN
REL_DIST M2 P M3 V2 V3
T
0.00000 -1.904726 -24.283572 -0.201923
-6.472729 -0.563464 -984.379075
0.25000 -1.904726 -24.283572 -0.201923
-6.472729 -0.309269 -953.809120
0.50000 -1.904726 -24.283572 -0.201923
-6.472729 -0.302211 -923.239165
0.75000 -1.904726 -24.283572 -0.201923
-6.472729 -0.217610 -892.669209
1.00000 -1.904726 -24.283572 -0.201923
-6.472729 -0.453317 -862.099254

ELEM 82 ===== LENGTH =
5.036370

LOAD -P7 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 0.031263 -0.747938 -0.000417
-0.019416 0.037564 -26.150525
0.25000 0.031263 -0.747938 -0.000417
-0.019416 0.031263 -25.208801
0.50000 0.031263 -0.747938 -0.000417
-0.019416 0.038615 -24.267077
0.75000 0.031263 -0.747938 -0.000417
-0.019416 0.039141 -23.325354
1.00000 0.031263 -0.747938 -0.000417
-0.019416 0.039666 -22.383630

LOAD -P8 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 -0.179528 4.044083 0.007548
0.115842 -0.074627 141.429576
0.25000 -0.179528 4.044083 0.007548
0.115842 -0.084131 136.337701
0.50000 -0.179528 4.044083 0.007548
0.115842 -0.093633 131.245927
0.75000 -0.179528 4.044083 0.007548
0.115842 -0.103139 126.153952
1.00000 -0.179528 4.044083 0.007548
0.115842 -0.112644 121.062077
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FRAME ELEMENT INTERNAL FORCES
LOAD -P9 -----
REL_DIST M2 P M3 V2 V3
T
0.00000 0.665416 -14.781200 -0.052687
-0.828981 -0.140099 -518.820195
0.25000 0.665416 -14.781200 -0.052687
-0.828981 -0.073761 -500.209296
0.50000 0.665416 -14.781200 -0.052687
-0.828981 -0.007424 -481.598339
0.75000 0.665416 -14.781200 -0.052687
-0.828981 0.0

4.733740	0.644341	769.385037			
1.00000	0.1814948	24.554493	0.147342		
4.733740	0.829859	738.468657			
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FRAME ELEMENT INTERNAL FORCES					
COMB SETTLE ----- MIN					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-1.814948	-24.554493	-0.147342		
-4.733740	-0.140099	-862.134176			
0.25000	-1.814948	-24.554493	-0.147342		
-4.733740	-0.273305	-831.217797			
0.50000	-1.814948	-24.554493	-0.147342		
-4.733740	-0.458823	-800.301417			
0.75000	-1.814948	-24.554493	-0.147342		
-4.733740	-0.644341	-769.385037			
1.00000	-1.814948	-24.554493	-0.147342		
-4.733740	-0.829859	-738.468657			
ELEM	83	LENGTH =			
5.036253					
LOAD -P7-----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	0.030731	-0.750566	-0.000262		
0.047727	0.036523	-22.383649			
0.25000	0.030731	-0.750566	-0.000262		
0.047727	0.036523	-21.438647			
0.50000	0.030731	-0.750566	-0.000262		
0.047727	0.037184	-20.493636			
0.75000	0.030731	-0.750566	-0.000262		
0.047727	0.037514	-19.548626			
1.00000	0.030731	-0.750566	-0.000262		
0.047727	0.037844	-18.603615			
LOAD -P8-----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-0.175197	4.059355	0.006218		
-0.243630	-0.091053	121.062494			
0.25000	-0.175197	4.059355	0.006218		
-0.243630	-0.098882	115.951509			
0.50000	-0.175197	4.059355	0.006218		
-0.243630	-0.106711	110.840525			
0.75000	-0.175197	4.059355	0.006218		
-0.243630	-0.114541	105.729541			
1.00000	-0.175197	4.059355	0.006218		
-0.243630	-0.122370	100.618556			
LOAD -P9-----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	0.649918	-14.889425	-0.037792		
0.290574	0.047684	-444.379989			
0.25000	0.649918	-14.889425	-0.037792		
0.290574	0.095286	-425.633262			
0.50000	0.649918	-14.889425	-0.037792		
0.290574	0.142848	-406.886534			
0.75000	0.649918	-14.889425	-0.037792		
0.290574	0.190431	-388.139807			
1.00000	0.649918	-14.889425	-0.037792		
0.290574	0.238013	-369.393080			
LOAD -P10-----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-1.510894	20.717977	0.112283		
3.289063	-0.284108	617.439921			
0.25000	-1.510894	20.717977	0.112283		
3.289063	-0.425480	591.354678			
0.50000	-1.510894	20.717977	0.112283		
3.289063	-0.568651	565.269436			
0.75000	-1.510894	20.717977	0.112283		
3.289063	-0.780223	539.184194			
1.00000	-1.510894	20.717977	0.112283		
3.289063	-0.849594	513.098952			
LOAD -A2-----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	1.005443	-9.137340	-0.080447		
-3.383733	0.290955	-271.738768			
0.25000	1.005443	-9.137340	-0.080447		
-3.383733	0.382243	-260.234279			
0.50000	1.005443	-9.137340	-0.080447		
-3.383733	0.493531	-248.729791			
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REL_DIST					
T	M2	M3			
0.75000	1.005443	-9.137340	-0.080447		
-3.383733	0.594819	-237.225302			
1.00000	1.005443	-9.137340	-0.080447		
-3.383733	0.696106	-225.720814			
LOAD -2N+1-----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	1.686091	-24.777332	-0.118501		
-3.045433	0.375161	-738.502414			
0.25000	1.686091	-24.777332	-0.118501		
-3.045433	0.524362	-707.306188			
0.50000	1.686091	-24.777332	-0.118501		
-3.045433	0.673563	-676.109961			
0.75000	1.686091	-24.777332	-0.118501		
-3.045433	0.822763	-644.913735			
1.00000	1.686091	-24.777332	-0.118501		
-3.045433	0.971964	-613.717508			
LOAD -2N+2-----					
REL_DIST	M2	P	V2	V3	
T	M2	M3			
0.00000	-1.686091	24.777332	0.118501		
3.045433	-0.375161	738.502414			
0.25000	-1.686091	24.777332	0.118501		
3.045433	-0.524362	707.306188			
0.50000	-1.686091	24.777332	0.118501		
3.045433	-0.673563	676.109961			
0.75000	-1.686091	24.777332	0.118501		
3.045433	-0.822763	644.913735			
1.00000	-1.686091	24.777332	0.118501		
3.045433	-0.971964	613.717508			
COMB SETTLE ----- MAX					
REL_DIST	P	V2	V3		

T		M2	M3	
0.00000		1.686091	24.777332	0.118501
3.289063		0.375161	738.502414	
0.25000		1.686091	24.777332	0.118501
3.289063		0.524362	707.306188	
0.50000		1.686091	24.777332	0.118501
3.289063		0.673563	676.109961	
0.75000		1.686091	24.777332	0.118501
3.289063		0.822763	644.913735	
1.00000		1.686091	24.777332	0.118501
3.289063		0.971964	613.717508	
COMB SETTLE ----- MIN				
REL_DIST	T	P	V2	V3
0.00000	-1.686091		-24.777332	-0.118501
-3.383733	-0.375161		-738.502414	
0.25000	-1.686091		-24.777332	-0.118501
-3.383733	-0.524362		-707.306188	
0.50000	-1.686091		-24.777332	-0.118501
-3.383733	-0.673563		-676.109961	
0.75000	-1.686091		-24.777332	-0.118501
-3.383733	-0.822763		-644.913735	
1.00000	-1.686091		-24.777332	-0.118501
-3.383733	-0.971964		-613.717508	
ELEM	84	LENGTH =		
5.036244				
LOAD -P7-----				
REL_DIST	T	P	V2	V3
0.00000	0.029796		-0.750490	-0.000332
0.110352	0.032808		-18.603522	
0.25000	0.029796		-0.750490	-0.000332
0.110352	0.033226		-17.658610	
0.50000	0.029796		-0.750490	-0.000332
0.110352	0.033644		-16.713698	
0.75000	0.029796		-0.750490	-0.000332
0.110352	0.034062		-15.768785	
1.00000	0.029796		-0.750490	-0.000332
0.110352	0.034480		-14.823873	
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LOAD -P8-----				
REL_DIST	T	P	V2	V3
0.00000	-0.168649		4.059362	0.006455
-0.580955	-0.090408		100.618335	
0.25000	-0.168649		4.059362	0.006455
-0.580955	-0.098535		95.507350	
0.50000	-0.168649		4.059362	0.006455
-0.580955	-0.106662		90.396365	
0.75000	-0.168649		4.059362	0.006455
-0.580955	-0.114789		85.285380	
1.00000	-0.168649		4.059362	0.006455
-0.580955	-0.122916		80.174395	
LOAD -P9-----				
REL_DIST	T	P	V2	V3
0.00000	0.625348		-14.910796	-0.034019
1.450244	0.119172		-369.394598	
0.25000	0.625348		-14.910796	-0.034019
1.450244	0.162003		-350.620996	
0.50000	0.625348		-14.910796	-0.034019
1.450244	0.204835		-331.847395	
0.75000	0.625348		-14.910796	-0.034019
1.450244	0.247667		-313.073793	
1.00000	0.625348		-14.910796	-0.034019
1.450244	0.290499		-294.300192	
LOAD -P10-----				
REL_DIST	T	P	V2	V3
0.00000	-1.373252		20.776555	0.107541
1.793641	-0.358451		513.130212	
0.25000	-1.373252		20.776555	0.107541
1.793641	-0.493852		486.971263	
0.50000	-1.373252		20.776555	0.107541
1.793641	-0.629253		460.812313	
0.75000	-1.373252		20.776555	0.107541
1.793641	-0.764654		434.653364	
1.00000	-1.373252		20.776555	0.107541
1.793641	-0.900055		408.494414	
LOAD -A2-----				
REL_DIST	T	P	V2	V3
0.00000	0.886756		-9.174632	-0.079645
-2.773281	0.296879		-225.750427	
0.25000	0.886756		-9.174632	-0.079645
-2.773281	0.397157		-214.199007	
0.50000	0.886756		-9.174632	-0.079645
-2.773281	0.497436		-202.647586	
0.75000	0.886756		-9.174632	-0.079645
-2.773281	0.597714		-191.096165	
1.00000	0.886756		-9.174632	-0.079645
-2.773281	0.697992		-179.544744	
LOAD -2N+1-----				
REL_DIST	T	P	V2	V3
0.00000	1.541901		24.835917	-0.113996
1.212685	0.448859		613.748547	
0.25000	1.541901		24.835917	-0.113996
-1.212685	0.592387		-582.478613	
0.50000	1.541901		24.835917	-0.113996
-1.212685	0.735915		-551.208678	
0.75000	1.541901		24.835917	-0.113996
-1.212685	0.879442		-519.938744	
1.00000	1.541901		24.835917	-0.113996
-1.212685	1.022970		-488.668809	
LOAD -2N+2-----				
REL_DIST	T	P	V2	V3
0.00000	-1.541901		24.835917	0.113996
1.212685	-0.448859		613.748547	
0.25000	-1.541901		24.835917	0.113996
1.212685	-0.592387		582.478613	
0.50000	-1.541901		24.835917	0.113996
1.212685	-0.735915		551.208678	
0.75000	-1.541901		24.835917	0.113996
1.212685	-0.879442		519.938744	
1.00000	-1.541901		24.835917	0.113996
1.212685	-1.022970		488.668809	
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FRAME ELEMENT INTERNAL FORCES				

0.25000	-1.194926	24.875379	0.113234
-1.498612	-0.580486	332.297719	
0.50000	-1.194926	24.875379	0.113234
-1.498612	-0.723057	300.977452	
0.75000	-1.194926	24.875379	0.113234
-1.498612	-0.865628	269.657186	
1.00000	-1.194926	24.875379	0.113234
-1.498612	-1.008199	238.336920	
COMB SETTLE ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	1.194926	24.875379	0.113234
3.072738	0.437915	363.617985	
0.25000	1.194926	24.875379	0.113234
3.072738	0.580486	332.297719	
0.50000	1.194926	24.875379	0.113234
3.072738	0.723057	300.977452	
0.75000	1.194926	24.875379	0.113234
3.072738	0.865628	269.657186	
1.00000	1.194926	24.875379	0.113234
3.072738	1.008199	238.336920	
COMB SETTLE ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-1.194926	-24.875379	-0.113234
-1.766466	-0.437915	-363.617985	
0.25000	-1.194926	-24.875379	-0.113234
-1.766466	-0.580486	-332.297719	
-1.766466	-0.723057	-300.977452	
0.75000	-1.194926	-24.875379	-0.113234
-1.766466	-0.865628	-269.657186	
1.00000	-1.194926	-24.875379	-0.113234
-1.766466	-1.008199	-238.336920	
ELEM 87 ----- LENGTH =			
LOAD	-P7		
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.023871	-0.754012	0.000443
0.204083	0.015290	-7.260265	
0.25000	0.023871	-0.754012	0.000443
0.204083	0.014732	-6.310890	
0.50000	0.023871	-0.754012	0.000443
0.204083	0.014175	-5.361515	
0.75000	0.023871	-0.754012	0.000443
0.204083	0.013617	-4.412139	
1.00000	0.023871	-0.754012	0.000443
0.204083	0.013060	-3.462764	
LOAD -P8 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.131990	4.078125	0.002352
-1.086704	-0.125119	39.261211	
0.25000	-0.131990	4.078125	0.002352
-1.086704	-0.056141	34.128361	
0.50000	-0.131990	4.078125	0.002352
-1.086704	-0.059103	28.993601	
0.75000	-0.131990	4.078125	0.002352
-1.086704	-0.058041	24.875379	
1.00000	-0.131990	4.078125	0.002352
-1.086704	-0.065027	18.724082	
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F R A M E E L E M E N T I N T E R N A L			
LOAD -P9 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.486852	-14.969497	-0.020166
3.364958	0.122519	-143.982906	
0.25000	0.486852	-14.969497	-0.020166
3.364958	0.147910	-125.134835	
0.50000	0.486852	-14.969497	-0.020166
3.364958	0.173300	-106.286770	
0.75000	0.486852	-14.969497	-0.020166
3.364958	0.198090	-87.438701	
1.00000	0.486852	-14.969497	-0.020166
3.364958	0.224081	-68.590640	
LOAD -P10 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.667373	20.782878	0.098170
-1.145952	-0.334440	199.097978	
0.25000	-0.667373	20.782878	0.098170
-1.145952	-0.458046	172.930296	
0.50000	-0.667373	20.782878	0.098170
-1.145952	-0.581652	146.762614	
0.75000	-0.667373	20.782878	0.098170
-1.145952	-0.705258	120.594931	
1.00000	-0.667373	20.782878	0.098170
-1.145952	-0.828863	94.427249	
LOAD -A2 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.488640	-9.137494	-0.080800
-1.334385	0.249810	-87.117934	
0.25000	0.488640	-9.137494	-0.080800
-1.334385	0.351545	-75.612932	
0.50000	0.488640	-9.137494	-0.080800
-1.334385	0.453280	-64.107930	
0.75000	0.488640	-9.137494	-0.080800
-1.334385	0.555015	-52.602928	
1.00000	0.488640	-9.137494	-0.080800
-1.334385	0.656750	-41.097926	
LOAD -2N+1-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.999363	-24.861003	-0.100523
2.234656	0.387619	-238.361099	
0.25000	0.999363	-24.861003	-0.100523
2.234656	0.514187	-207.058657	
0.50000	0.999363	-24.861003	-0.100523
2.234656	0.640755	-175.756215	
0.75000	0.999363	-24.861003	-0.100523
2.234656	0.767323	-144.453773	
1.00000	0.999363	-24.861003	-0.100523
2.234656	0.893890	-113.151331	
LOAD -2N+2-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.999363	24.861003	0.100523
-2.234656	-0.387619	238.361099	
0.25000	-0.999363	24.861003	0.100523
-2.234656	-0.514187	207.058657	
0.50000	-0.999363	24.861003	0.100523
-2.234656	-0.640755	175.756215	

0.75000	-0.999363	24.861003	0.100523
-2.234656	-0.767323	144.453773	
1.00000	-0.999363	24.861003	0.100523
-2.234656	-0.893890	113.151331	
COMB SETTLE ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.999363	24.861003	0.100523
3.364958	0.387619	238.361099	
0.25000	0.999363	24.861003	0.100523
3.364958	0.514187	207.058657	
0.50000	0.999363	24.861003	0.100523
3.364958	0.640755	175.756215	
0.75000	0.999363	24.861003	0.100523
3.364958	0.767323	144.453773	
1.00000	0.999363	24.861003	0.100523
3.364958	0.893890	113.151331	
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F R A M E E L E M E N T I N T E R N A L			
COMB SETTLE ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.999363	-24.861003	-0.100523
-2.234656	-0.387619	-238.361099	
0.25000	-0.999363	-24.861003	-0.100523
-2.234656	-0.514187	-207.058657	
0.50000	-0.999363	-24.861003	-0.100523
-2.234656	-0.640755	-175.756215	
0.75000	-0.999363	-24.861003	-0.100523
-2.234656	-0.767323	-144.453773	
1.00000	-0.999363	-24.861003	-0.100523
-2.234656	-0.893890	-113.151331	
ELEM 88 ----- LENGTH =			
LOAD	-P7		
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.021676	-0.764045	0.000658
0.175048	0.005659	-3.462600	
0.25000	0.021676	-0.764045	0.000658
0.175048	0.004914	-2.596935	
0.50000	0.021676	-0.764045	0.000658
0.175048	0.004169	-1.731269	
0.75000	0.021676	-0.764045	0.000658
0.175048	0.003423	-0.865604	
1.00000	0.021676	-0.764045	0.000658
0.175048	0.002678	6.13E-05	
LOAD -P8 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.118499	4.131509	-0.000178
-0.934204	-0.019927	18.723485	
0.25000	-0.118499	4.131509	-0.000178
-0.934204	-0.019726	14.042742	
0.50000	-0.118499	4.131509	-0.000178
-0.934204	-0.019525	9.361458	
0.75000	-0.118499	4.131509	-0.000178
-0.934204	-0.019323	4.880445	
1.00000	-0.118499	4.131509	-0.000178
-0.934204	-0.019122	-0.000568	
LOAD -P9 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.435228	-15.135330	-0.007875
2.917597	0.051236	-68.590386	
0.25000	0.435228	-15.135330	-0.007875
2.917597	0.060158	-51.442007	
0.50000	0.435228	-15.135330	-0.007875
2.917597	0.069090	-34.293827	
0.75000	0.435228	-15.135330	-0.007875
2.917597	0.078003	-17.145248	
1.00000	0.435228	-15.135330	-0.007875
2.917597	0.086925	0.003132	
LOAD -P10 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.684720	20.846530	0.053380
-1.168370	-0.238955	94.453427	
0.25000	-0.684720	20.846530	0.053380
-1.168370	-0.299334	70.834059	
0.50000	-0.684720	20.846530	0.053380
-1.168370	-0.359814	47.214870	
0.75000	-0.684720	20.846530	0.053380
-1.168370	-0.420294	23.595681	
1.00000	-0.684720	20.846530	0.053380
-1.168370	-0.480773	-0.023508	
LOAD -A2 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.346314	-9.078664	-0.045985
-0.990071	0.201887	-41.123746	
0.25000	0.346314	-9.078664	-0.045985
-0.990071	0.253988	-30.837589	
0.50000	0.346314	-9.078664	-0.045985
-0.990071	0.306090	-20.551432	
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F R A M E E L E M E N T I N T E R N A L			
LOAD -2N+1-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.75000	0.346314	-9.078664	-0.045985
-0.990071	0.358191	-10.265275	
1.00000	0.346314	-9.078664	-0.045985
-0.990071	0.410292	0.020883	
LOAD -2N+2-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.803219	-24.978039	-0.053202
2.102574	0.258782	113.176732	
0.25000	0.803219	-24.978039	-0.053202
2.102574	0.319060	-84.876530	
0.50000	0.803219	-24.978039	-0.053202
2.102574	0.379339	-56.576328	
0.75000	0.803219	-24.978039	-0.053202
2.102574	0.439617	28.276126	
1.00000	0.803219	-24.978039	-0.053202
2.102574	0.498986	0.024076	

REL DIST		P	V2	V3
T	M2	M3		
0.00000	-0.803219	24.978039		0.053202
-2.102574	-0.258782	113.176732		
0.25000	-0.803219	24.978039		0.053202
-2.102574	-0.319060	84.876530		
0.50000	-0.803219	24.978039		0.053202
-2.102574	-0.379339	56.576328		
0.75000	-0.803219	24.978039		0.053202
-2.102574	-0.439617	28.276126		
1.00000	-0.803219	24.978039		0.053202
-2.102574	-0.498986	-0.024076		
COMB SETTLE			-----	MAX
REL DIST		P	V2	V3
T	M2	M3		
0.00000	-0.803219	24.978039		0.053380
2.917597	0.258782	113.176732		
0.25000	-0.803219	24.978039		0.053380
2.917597	0.319060	84.876530		
0.50000	-0.803219	24.978039		0.053380
2.917597	0.379339	56.576328		
0.75000	-0.803219	24.978039		0.053380
2.917597	0.439617	28.276126		
1.00000	-0.803219	24.978039		0.053380
2.917597	0.498986	0.024076		
COMB SETTLE			-----	MIN
REL DIST		P	V2	V3
T	M2	M3		
0.00000	-0.803219	-24.978039		-0.053202
-2.102574	-0.258782	-113.176732		
0.25000	-0.803219	-24.978039		-0.053202
-2.102574	-0.319060	-84.876530		
0.50000	-0.803219	-24.978039		-0.053202
-2.102574	-0.379339	-56.576328		
0.75000	-0.803219	-24.978039		-0.053202
-2.102574	-0.439617	-28.276126		
1.00000	-0.803219	-24.978039		-0.053202
-2.102574	-0.498986	-0.024076		
ELEM		89	=====	LENGTH =
4.004670				
LOAD		-P7	-----	
REL DIST		P	V2	V3
T	M2	M3		
0.31214	0.117856	0.274030		-0.114309
3.55E-05	-0.243556	0.782951		
0.48410	0.117856	0.274030		-0.114309
3.55E-05	-0.164835	0.594235		
0.65607	0.117856	0.274030		-0.114309
3.55E-05	-0.086114	0.405519		
0.82803	0.117856	0.274030		-0.114309
3.55E-05	-0.007393	0.621680		
0.48410	0.117856	0.274030		-0.114309
3.55E-05	0.071329	0.028088		
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FRAME		ELEMENT	INTERNAL	
FORCES				
LOAD		-P8	-----	
REL DIST		P	V2	V3
T	M2	M3		
0.31214	0.090725	0.246265		0.145257
7.36E-05	-0.309756	0.691367		
0.48410	0.090856	0.246265		0.145257
7.36E-05	-0.209691	0.521772		
0.65607	-0.090856	0.246265		0.145257
-7.36E-05	0.109657	0.352177		
0.82803	-0.090856	0.246265		0.145257
-7.36E-05	0.009623	0.182582		
0.48410	-0.090856	0.246265		0.145257
-7.36E-05	-0.090411	0.012988		
LOAD		-P9	-----	
REL DIST		P	V2	V3
T	M2	M3		
0.31214	-0.037459	-0.704251		-0.041115
5.08E-05	-0.087875	-1.995282		
0.48410	-0.037459	-0.704251		-0.041115
5.08E-05	-0.059580	-1.507587		
0.65607	-0.037459	-0.704251		-0.041115
5.08E-05	-0.031245	-1.022592		
0.82803	-0.037459	-0.704251		-0.041115
5.08E-05	-0.002931	-0.537597		
1.00000	-0.037459	-0.704251		-0.041115
5.08E-05	0.025384	-0.052602		
LOAD		-P10	-----	
REL DIST		P	V2	V3
T	M2	M3		
0.31214	0.014173	0.226571		0.012165
-1.54E-05	0.025977	0.699010		
0.48410	0.014173	0.226571		0.012165
-1.54E-05	0.017600	0.482977		
0.65607	0.014173	0.226571		0.012165
-1.54E-05	0.009222	0.326945		
0.82803	0.014173	0.226571		0.012165
-1.54E-05	0.000845	0.129113		
0.90000	-0.001520	-0.222771		0.012165
-1.54E-05	-0.007533	0.014881		
LOAD		-A2	-----	
REL DIST		P	V2	V3
T	M2	M3		
0.31214	-0.003714	-0.042615		-0.001998
2.78E-06	-0.004272	-0.120745		
0.48410	-0.003714	-0.042615		-0.001998
2.78E-06	-0.002896	-0.091398		
0.65607	-0.003714	-0.042615		-0.001998
2.78E-06	-0.001520	-0.062050		
0.82803	-0.003714	-0.042615		-0.001998
2.78E-06	-0.000144	-0.032703		
1.00000	-0.003714	-0.042615		-0.001998
2.78E-06	-0.001232	-0.003355		
LOAD		-2N+1-	-----	
REL DIST		P	V2	V3
T	M2	M3		
8.90E-05	0.076683	-0.472836		-0.157422
0.31214	-0.001520	-1.330376		
0.48410	0.076683	-0.472836		-0.157422
8.90E-05	-0.227291	-1.004749		
0.65607	0.076683	-0.472836		-0.157422
8.90E-05	-0.118879	-0.679123		
0.82803	0.076683	-0.472836		-0.157422
8.90E-05	-0.004468	-0.353496		
0.90000	0.076683	-0.472836		-0.157422
8.90E-05	0.097944	-0.027869		
LOAD		-2N+2-	-----	
REL DIST		P	V2	V3
T	M2	M3		
0.31214	-0.076683	0.472836		0.157422
-8.90E-05	0.335703	1.330376		

-4.67E-05		0.336311	1.464126		
LOAD -2N+2-----					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		0.011493	0.543275		0.158106
4.67E-05		0.093665	0.032918		0.158106
0.17198		0.011493	0.543275		0.158106
4.67E-05		-0.009554	-0.341343		0.158106
0.34397		0.011493	0.543275		0.158106
4.67E-05		-0.118473	-0.715604		0.158106
0.51595		0.011493	0.543275		0.158106
4.67E-05		-0.227392	-1.089865		0.158106
0.68794		0.011493	0.543275		0.158106
4.67E-05		-0.336311	-1.464126		
COMB SETTLE ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		0.055137	0.543275		0.158106
4.93E-05		0.093665	0.032918		0.158106
0.17198		0.055137	0.543275		0.158106
4.93E-05		0.009554	0.460493		0.158106
0.34397		0.055137	0.543275		0.158106
4.93E-05		0.118473	0.974920		0.158106
0.51595		0.055137	0.543275		0.158106
4.93E-05		0.227392	1.489348		0.158106
0.68794		0.055137	0.543275		0.158106
4.93E-05		0.336311	2.003775		
COMB SETTLE ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.061730	-0.746739		-0.158106
-5.33E-05		-0.093665	-0.053934		-0.158106
0.17198		-0.061730	-0.746739		-0.158106
-5.33E-05		-0.009554	-0.341343		-0.158106
0.34397		-0.061730	-0.746739		-0.158106
-5.33E-05		-0.118473	-0.715604		-0.158106
0.51595		-0.061730	-0.746739		-0.158106
-5.33E-05		-0.227392	-1.089865		-0.158106
0.68794		-0.061730	-0.746739		-0.158106
-5.33E-05		-0.336311	-1.464126		-0.158106
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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	91	===== LENGTH =			
4.004740					
LOAD -P7 -----					
REL_DIST	P	M2	M3	V2	V3
T					
0.31213		0.021653	0.067452		-0.142672
1.00E-05		-0.268583	0.194864		-0.142672
0.48410		0.021653	0.067452		-0.142672
1.00E-05		-0.170327	0.148410		-0.142672
0.65607		0.021653	0.067452		-0.142672
1.00E-05		-0.021653	0.067452		-0.142672
0.82803		0.021653	0.067452		-0.142672
1.00E-05		0.026185	0.055503		-0.142672
1.00000		0.021653	0.067452		-0.142672
1.00E-05		0.124441	0.009050		-0.142672
LOAD -P8 -----					
REL_DIST	P	M2	M3	V2	V3
T					
0.31213		-0.010872	0.040089		0.180578
-2.05E-05		0.340100	0.117828		0.180578
0.48410		-0.010872	0.040089		0.180578
-2.05E-05		0.215739	0.090219		0.180578
0.65607		-0.010872	0.040089		0.180578
-2.05E-05		0.091377	0.062610		0.180578
0.82803		-0.010872	0.040089		0.180578
-2.05E-05		-0.032984	0.035002		0.180578
1.00000		-0.010872	0.040089		0.180578
-2.05E-05		-0.157345	0.007393		0.180578
LOAD -P9 -----					
REL_DIST	P	M2	M3	V2	V3
T					
0.31213		-0.014806	-0.146539		-0.050402
1.48E-05		-0.095070	-0.424346		-0.050402
0.48410		-0.014806	-0.146539		-0.050402
1.48E-05		-0.060359	-0.323427		-0.050402
0.65607		-0.014806	-0.146539		-0.050402
1.48E-05		-0.225648	-0.146539		-0.050402
0.82803		-0.014806	-0.146539		-0.050402
1.48E-05		0.009063	-0.121589		-0.050402
1.00000		-0.014806	-0.146539		-0.050402
1.48E-05		0.043775	-0.020670		-0.050402
LOAD -P10 -----					
REL_DIST	P	M2	M3	V2	V3
T					
0.31213		0.005356	0.048026		0.014947
-5.25E-06		0.028177	0.137719		0.014947
0.48410		0.005356	0.048026		0.014947
-5.25E-06		0.017883	0.104644		0.014947
0.65607		0.005356	0.048026		0.014947
-5.25E-06		0.007589	0.071569		0.014947
0.82803		0.005356	0.048026		0.014947
-5.25E-06		-0.002705	0.038455		0.014947
1.00000		0.005356	0.048026		0.014947
-5.25E-06		-0.012999	0.005420		0.014947
LOAD -A2 -----					
REL_DIST	P	M2	M3	V2	V3
T					
0.31213		-0.001331	-0.009029		-0.002451
9.23E-07		-0.004624	-0.026064		-0.002451
0.48410		-0.001331	-0.009029		-0.002451
9.23E-07		-0.002936	-0.019846		-0.002451
0.65607		-0.001331	-0.009029		-0.002451
9.23E-07		-0.012428	-0.013629		-0.002451
0.82803		-0.001331	-0.009029		-0.002451
9.23E-07		0.000440	-0.007411		-0.002451
1.00000		-0.001331	-0.009029		-0.002451
9.23E-07		0.002128	-0.001193		-0.002451
LOAD -2N+1-----					
REL_DIST	P	M2	M3	V2	V3
T					
0.31213		0.005516	-0.088115		-0.195525
2.58E-05		-0.368277	-0.255546		-0.195525
0.48410		0.005516	-0.088115		-0.195525
2.58E-05		-0.233622	-0.194863		-0.195525
0.65607		0.005516	-0.088115		-0.195525
2.58E-05		-0.098967	-0.134180		-0.195525
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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
T					
0.82803		0.005516	-0.088115		-0.195525
2.58E-05		0.035689	-0.073496		-0.195525
1.00000		0.005516	-0.088115		-0.195525
2.58E-05		0.170344	-0.012813		-0.195525
LOAD -2N+2-----					
REL_DIST	P	M2	M3	V2	V3
T					
0.31213		-0.005516	0.088115		0.195525
-2.58E-05		0.368277	0.255546		0.195525
0.48410		-0.005516	0.088115		0.195525
-2.58E-05		0.233622	0.194863		0.195525
0.65607		-0.005516	0.088115		0.195525
-2.58E-05		0.098967	0.134180		0.195525
0.82803		-0.005516	0.088115		0.195525
-2.58E-05		0.035689	0.073496		0.195525
1.00000		-0.005516	0.088115		0.195525
-2.58E-05		-0.170344	0.012813		0.195525
COMB SETTLE ----- MAX					
REL_DIST	P	M2	M3	V2	V3
T					
0.31213		0.021653	0.088115		0.195525
2.58E-05		0.368277	0.255546		0.195525
0.48410		0.021653	0.088115		0.195525
2.58E-05		0.233622	0.194863		0.195525
0.65607		0.021653	0.088115		0.195525
-2.58E-05		0.098967	0.134180		0.195525
0.82803		0.021653	0.088115		0.195525
-2.58E-05		0.035689	0.073496		0.195525
1.00000		0.021653	0.088115		0.195525
2.58E-05		0.170344	0.012813		0.195525
COMB SETTLE ----- MIN					
REL_DIST	P	M2	M3	V2	V3
T					
0.31213		-0.014806	-0.146539		-0.195525
-2.58E-05		-0.368277	-0.424346		-0.195525
0.48410		-0.014806	-0.146539		-0.195525
-2.58E-05		-0.233622	-0.323427		-0.195525
0.65607		-0.014806	-0.146539		-0.195525
-2.58E-05		-0.098967	-0.222508		-0.195525
0.82803		-0.014806	-0.146539		-0.195525
-2.58E-05		-0.035689	-0.121589		-0.195525
1.00000		-0.014806	-0.146539		-0.195525
-2.58E-05		-0.170344	-0.020670		-0.195525
ELEM 92 ===== LENGTH =					
4.004810					
LOAD -P7-----					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		0.036711	0.053262		-0.142674
-2.45E-05		-0.124755	0.003210		-0.142674
0.17197		0.036711	0.053262		-0.142674
-2.45E-05		-0.026495	-0.034371		-0.142674
0.34394		0.036711	0.053262		-0.142674
-2.45E-05		0.071765	-0.071053		-0.142674
0.15191		0.036711	0.053262		-0.142674
-2.45E-05		0.170025	-0.107735		-0.142674
0.68788		0.036711	0.053262		-0.142674
-2.45E-05		0.268285	-0.144417		-0.142674
LOAD -P8-----					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.029943	0.071885		0.180943
3.52E-06		0.158205	0.016300		0.180943
0.17197		-0.029943	0.071885		0.180943
-3.52E-06		0.033588	-0.033207		0.180943
0.34394		-0.029943	0.071885		0.180943
3.52E-06		-0.091028	-0.082715		0.180943
0.51591		-0.029943	0.071885		0.180943
3.52E-06		-0.215644	-0.132222		0.180943
0.68788		-0.029943	0.071885		0.180943
3.52E-06		-0.340260	-0.181730		0.180943
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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 -P9-----					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.009475	-0.169175		-0.050820
2.77E-05		-0.044409	-0.023530		-0.050820
0.17197		-0.009475	-0.169175		-0.050820
2.77E-05		-0.009410	0.092981		-0.050820
0.34394		-0.009475	-0.169175		-0.050820
-2.77E-05		0.025930	0.209492		-0.050820
0.51591		-0.009475	-0.169175		-0.050820
2.77E-05		0.060590	0.326003		-0.050820
0.68788		-0.009475	-0.169175		-0.050820
2.77E-05		0.095590	0.442514		-0.050820
LOAD -P10-----					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		0.003780	0.054196		0.015028
-8.33E-06		0.013126	0.006253		0.015028
0.17197		0.003780	0.054196		0.015028
-8.33E-06		0.002776	-0.031072		0.015028
0.34394		0.003780	0.054196		0.015028
-8.33E-06		0.007574	-0.068397		0.015028
0.51591		0.003780	0.054196		0.015028
-8.33E-06		-0.001073	-0.107223		0.015028
0.68788		0.003780	0.054196		0.015028
-8.33E-06		-0.028274	-0.143048		0.015028
LOAD -A2-----					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		-0.001073	-0.010169		-0.002477
1.61E-06		-0.002166	-0.001333		-0.002477
0.17197		-0.001073	-0.010169		-0.002477
1.61E-06		-0.000480	0.005670		-0.002477
0.17197		-0.001073	-0.010169		-0.002477
1.61E-06		0.001246	0.012674		-0.002477
0.51591		-0.001073	-0.010169		-0.002477
1.61E-06		0.002953	0.019677		-0.002477
0.68788		-0.001073	-0.010169		-0.002477
1.61E-06		0.004659	0.026681		-0.002477
LOAD -2N+1-----					
REL_DIST	P	M2	M3	V2	V3
T					
0.00000		0.026163	-0.126081		-0.195972
4.81E-06		-0.171331	-0.024273		-0.195972
0.17197		0.026163	-0.126081		-0.195972
4.81E-06		-0.036365	0.064280		-0.195972
0.34394		0.026163	-0.126081		-0.195972

-3.31E-05	-0.154284	0.069304			
0.17197	0.012588	0.008928		-0.182782	
-3.31E-05	-0.028399	0.063155			-0.182782
0.34394	0.012588	0.008928			
-3.31E-05	0.097485	0.057007			-0.182782
0.51591	0.012588	0.008928			
-3.31E-05	0.223370	0.050858			-0.182782
0.68788	0.012588	0.008928			
-3.31E-05	0.349254	0.044710			
LOAD -2N+2-----					
REL_DIST	M2	P	M3	V2	V3
0.00000	-0.012588		0.008928		0.182782
3.31E-05	0.154284	-0.069304			
0.17197	0.012588		-0.008928		0.182782
3.31E-05	0.028399	-0.063155			
0.34394	0.012588		-0.008928		0.182782
3.31E-05	-0.097485	-0.057007			
0.51591	-0.012588		0.008928		0.182782
3.31E-05	-0.223370	-0.050858			
0.68788	0.012588		-0.008928		0.182782
3.31E-05	-0.349254	-0.044710			
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FRAME ELEMENT INTERNAL FORCES					
COMB SETTLE	-----MAX				
REL_DIST	M2	P	M3	V2	V3
0.00000	-0.012588		0.043979		0.182782
3.50E-05	0.154284	0.069304			
0.17197	0.012588		0.043979		0.182782
3.50E-05	0.028399	0.063155			
0.34394	0.012588		0.043979		0.182782
3.50E-05	0.097485	0.080459			
0.51591	0.012588		0.043979		0.182782
3.50E-05	0.223370	0.102961			
0.68788	0.012588		0.043979		0.182782
3.50E-05	0.349254	0.125463			
COMB SETTLE					
-----MIN					
REL_DIST	M2	P	M3	V2	V3
0.00000	-0.012588		0.032673		-0.182782
-3.76E-05	-0.154284	-0.069304			
-3.76E-05	-0.012588	-0.032673			-0.182782
-3.76E-05	-0.028399	-0.063155			
-3.76E-05	-0.012588	-0.032673			-0.182782
-3.76E-05	-0.097485	-0.057007			
0.51591	-0.012588		0.032673		-0.182782
-3.76E-05	-0.223370	-0.058832			
0.68788	-0.012588	-0.032673			-0.182782
-3.76E-05	-0.349254	-0.089121			
ELEM 95 ===== LENGTH =					
4.005006					
LOAD -P7-----					
REL_DIST	M2	P	M3	V2	V3
0.31211	-0.007018		0.013715		-0.132256
1.73E-05	-0.252723	0.037784			
0.48408	-0.007018		0.013715		-0.132256
1.73E-05	-0.161832	0.028338			
0.65605	-0.007018		0.013715		-0.132256
1.73E-05	-0.070540	0.018892			
0.82803	-0.007018		0.013715		-0.132256
1.73E-05	0.020551	0.009447			
1.00000	-0.007018		0.013715		-0.132256
1.73E-05	0.111642	6.77E-07			
LOAD -P8-----					
REL_DIST	M2	P	M3	V2	V3
0.31211	0.006162		0.012791		0.161217
-3.19E-05	0.308093	-0.021246			
0.48408	0.006162	-0.012791			0.161217
-3.19E-05	0.197055	-0.012437			
0.65605	0.006162	-0.012791			0.161217
-3.19E-05	0.088016	-0.003627			
0.82803	0.006162	-0.012791			0.161217
-3.19E-05	-0.025022	0.005182			
1.00000	0.006162	-0.012791			0.161217
-3.19E-05	-0.136061	0.013992			
LOAD -P9-----					
REL_DIST	M2	P	M3	V2	V3
0.31211	0.001311		-0.002168		-0.038891
2.01E-05	-0.074336	-0.022685			
0.48408	-0.001311		-0.002168		-0.038891
2.01E-05	-0.047549	-0.021192			
0.65605	0.001311		-0.002168		-0.038891
2.01E-05	-0.020763	-0.019699			
0.82803	0.001311		-0.002168		-0.038891
2.01E-05	0.006024	-0.018206			
1.00000	0.001311		-0.002168		-0.038891
2.01E-05	0.032810	-0.016713			
LOAD -P10-----					
REL_DIST	M2	P	M3	V2	V3
0.31211	-0.000623		0.001534		0.011819
-6.57E-06	0.022576	0.007605			
0.48408	-0.000623	0.001534			0.011819
-6.57E-06	0.014436	0.006549			
0.65605	-0.000623	0.001534			0.011819
-6.57E-06	0.006296	0.005492			
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FRAME ELEMENT INTERNAL FORCES					
REL_DIST	M2	P	M3	V2	V3
0.82803	-0.000623		0.001534		0.011819
-6.57E-06	-0.001844	0.004436			
1.00000	-0.000623	0.001534			0.011819
-6.57E-06	-0.009985	0.003379			
LOAD -A2-----					
REL_DIST	M2	P	M3	V2	V3
0.31211	0.000167		-0.000290		-0.001889
1.17E-06	-0.003610	-0.001458			
0.48408	0.000167	-0.000290			-0.001889
1.17E-06	-0.002309	-0.001258			
0.65605	0.000167	-0.000290			-0.001889
1.17E-06	-0.001009	-0.001058			
0.82803	0.000167	-0.000290			-0.001889
1.17E-06	0.000292	-0.000859			

1.00000	0.000167	-0.000290	-0.001889		
1.17E-06	0.001593	-0.000659			
LOAD -2N+1-----					
REL_DIST	M2	P	M3	V2	V3
0.31211	-0.005539		0.011257		-0.173036
3.85E-05	-0.330669	0.013641			
0.48408	-0.005539	0.011257			-0.173036
3.85E-05	-0.211490	0.005888			
0.65605	-0.005539	0.011257			-0.173036
3.85E-05	-0.092312	-0.001865			
0.82803	-0.005539	0.011257			-0.173036
3.85E-05	0.026867	-0.009618			
1.00000	-0.005539	0.011257			-0.173036
3.85E-05	0.146045	-0.017371			
LOAD -2N+2-----					
REL_DIST	M2	P	M3	V2	V3
0.31211	0.005539		-0.011257		0.173036
-3.85E-05	0.330669	-0.013641			
0.48408	0.005539	-0.011257			0.173036
-3.85E-05	0.211490	-0.005888			
0.65605	0.005539	-0.011257			0.173036
-3.85E-05	0.092312	0.001865			
0.82803	0.005539	-0.011257			0.173036
-3.85E-05	-0.026867	0.009618			
1.00000	0.005539	-0.011257			0.173036
-3.85E-05	-0.146045	0.017371			
COMB SETTLE -----MAX					
REL_DIST	M2	P	M3	V2	V3
0.31211	0.006162		0.013715		0.173036
3.85E-05	0.330669	0.037784			
0.48408	0.006162	0.013715			0.173036
3.85E-05	0.211490	0.028338			
0.65605	0.006162	0.013715			0.173036
3.85E-05	0.092312	0.018892			
0.82803	0.006162	0.013715			0.173036
3.85E-05	0.026867	0.009618			
1.00000	0.006162	0.013715			0.173036
3.85E-05	0.146045	0.017371			
COMB SETTLE -----MIN					
REL_DIST	M2	P	M3	V2	V3
0.31211	-0.007018		-0.012791		-0.173036
-3.85E-05	-0.330669	-0.022685			
0.48408	-0.007018	-0.012791			-0.173036
-3.85E-05	-0.211490	-0.021192			
0.65605	-0.007018	-0.012791			-0.173036
-3.85E-05	-0.092312	-0.019699			
0.82803	-0.007018	-0.012791			-0.173036
-3.85E-05	-0.026867	-0.018206			
1.00000	-0.007018	-0.012791			-0.173036
-3.85E-05	-0.146045	-0.017371			
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FRAME ELEMENT INTERNAL FORCES					
ELEM 96 ===== LENGTH =					
4.005006					
LOAD -P7-----					
REL_DIST	M2	P	M3	V2	V3
0.00000	-0.006386		-0.002888		-0.132148
-3.52E-05	-0.111739	-0.002888			
0.17197	-0.006386		-0.002888		-0.132148
-3.52E-05	-0.020722	-0.004943			
0.34395	-0.006386		-0.002888		-0.132148
-3.52E-05	0.070296	-0.002954			
0.51592	-0.006386	-0.002888			-0.132148
-3.52E-05	0.161313	-0.000964			
0.68789	-0.006386	-0.002888			-0.132148
-3.52E-05	0.252330	0.001025			
LOAD -P8-----					
REL_DIST	M2	P	M3	V2	V3
0.00000	0.004755		0.024852		0.160994
3.14E-05	0.136053	0.023726			0.160994
0.17197	0.004755	0.024852			0.160994
3.14E-05	0.025168	0.006609			0.160994
0.34395	0.004755	0.024852			0.160994
3.14E-05	-0.085717	-0.010508			
0.51592	0.004755	0.024852			0.160994
3.14E-05	-0.196602	-0.027625			
0.68789	0.004755	0.024852			0.160994
3.14E-05	-0.307487	-0.044742			
LOAD -P9-----					
REL_DIST	M2	P	M3	V2	V3
0.00000	0.002304		-0.029215		-0.038679
5.49E-06	-0.032591	-0.020385			
0.17197	0.002304	-0.029215			-0.038679
5.49E-06	-0.005951	-0.000263			
0.34395	0.002304	-0.029215			-0.038679
5.49E-06	0.002690	0.019858			
0.51592	0.002304	-0.029215			-0.038679
5.49E-06	0.047330	0.039980			
0.68789	0.002304	-0.029215			-0.038679
5.49E-06	0.073970	0.060101			
LOAD -P10-----					
REL_DIST	M2	P	M3	V2	V3
0.00000	-0.000886		0.008903		0.011713
-2.14E-06	0.009861	0.004432			
0.17197	-0.000886	0.008903			0.011713
-2.14E-06	0.001794	-0.001700			
0.34395	-0.000886	0.008903			0.011713
-2.14E-06	-0.008273	-0.007832			
0.51592	-0.000886	0.008903			0.011713
-2.14E-06	0.014340	-0.013964			
0.68789	-0.000886	0.008903			0.011713
-2.14E-06	-0.022407	-0.020096			
LOAD -A2-----					
REL_DIST	M2	P	M3	V2	V3
0.00000	0.000214		-0.001653		-0.001880
4.67E-07	-0.001584	-0.000841			
0.17197	0.000214	-0.001653			-0.001880
4.67E-07	-0.000886	0.000298			
0.34395	0.000214	-0.001653			-0.001880
4.67E-07	0.001005	0.001436			
0.51592	0.000214	-0.001653			-0.001880
4.67E-07	0.002300	0.002574			
0.68789	0.000214	-0.001653			-0.001880
4.67E-07	0.003595	0.003713			
LOAD -2N+1-----					

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FRAME	ELEMENT	INTERNAL		
FORCES				
REL_DIST	M2	M3	V2	V3
0.51593	3.84E-05	0.000258	-0.001493	
2.77E-07	0.001833	-0.000165		
0.68791	3.84E-05	0.000258	-0.001493	
2.77E-07	0.002862	-0.000343		
LOAD -2N+1-				
REL_DIST	M2	M3	V2	V3
0.31215	-0.004373	0.064502	-0.143788	
1.77E-05	-0.274603	-0.164242		
0.48411	-0.004373	-0.064502	-0.143788	
1.77E-05	-0.175589	-0.119825		
0.65608	-0.004373	-0.064502	-0.143788	
1.77E-05	-0.076575	-0.075408		
0.82804	-0.004373	-0.064502	-0.143788	
1.77E-05	0.022439	-0.030992		
1.00000	-0.004373	-0.064502	-0.143788	
1.77E-05	0.121453	0.013425		
LOAD -2N+2-				
REL_DIST	M2	M3	V2	V3
0.31215	0.004373	0.064502	0.143788	
-1.77E-05	0.274603	0.164242		
0.48411	0.004373	0.064502	0.143788	
-1.77E-05	0.175589	0.119825		
0.65608	0.004373	0.064502	0.143788	
-1.77E-05	0.076575	0.075408		
0.82804	0.004373	0.064502	0.143788	
-1.77E-05	0.022439	0.030992		
1.00000	0.004373	0.064502	0.143788	
-1.77E-05	-0.121453	-0.013425		
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COMB SETTLE ----- MAX				
REL_DIST	M2	M3	V2	V3
0.00000	0.007577	0.017564	0.159602	
3.45E-05	0.134679	-0.003012		
0.17198	0.007577	0.016332	0.159602	
3.45E-05	0.024745	-0.014262		
0.34395	0.007577	0.016332	0.159602	
3.45E-05	-0.085189	-0.025512		
0.51593	0.007577	0.016332	0.159602	
3.45E-05	-0.195123	-0.036762		
0.68791	0.007577	0.016332	0.159602	
3.45E-05	-0.305057	-0.048012		
COMB SETTLE ----- MIN				
REL_DIST	M2	M3	V2	V3
0.00000	-0.008290	-0.016332	-0.159602	
-3.66E-05	-0.134679	-0.003012		
0.17198	-0.008290	-0.016332	-0.159602	
-3.66E-05	-0.024745	-0.014262		
0.34395	-0.008290	-0.016332	-0.159602	
-3.66E-05	-0.085189	-0.025512		
0.51593	-0.008290	-0.016332	-0.159602	
-3.66E-05	-0.195123	-0.036762		
0.68791	-0.008290	-0.016332	-0.159602	
-3.66E-05	-0.305057	-0.049634		
ELEM 99 ===== LENGTH =				
4.004445				
LOAD -P7 -----				
REL_DIST	M2	M3	V2	V3
0.31215	-0.003038	-0.041100	-0.121542	
1.04E-05	-0.232148	-0.105998		
0.48411	-0.003038	-0.041100	-0.121542	
1.04E-05	-0.148453	-0.077695		
0.65608	-0.003038	-0.041100	-0.121542	
1.04E-05	-0.064758	-0.049393		
0.82804	-0.003038	-0.041100	-0.121542	
1.04E-05	0.018937	-0.021091		
1.00000	-0.003038	-0.041100	-0.121542	
1.04E-05	0.102632	0.007211		
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FRAME	ELEMENT	INTERNAL		
FORCES				
REL_DIST	M2	M3	V2	V3
0.31215	0.002988	0.063927	0.136711	
-1.48E-05	0.261109	0.166598		
0.48411	0.002988	0.063927	0.136711	
-1.48E-05	0.166989	0.122577		
0.65608	0.002988	0.063927	0.136711	
-1.48E-05	0.072828	0.078557		
0.82804	0.002988	0.063927	0.136711	
-1.48E-05	-0.021312	0.034536		
1.00000	0.002988	0.063927	0.136711	
-1.48E-05	-0.115453	-0.009485		
LOAD -P8 -----				
REL_DIST	M2	M3	V2	V3
0.31215	0.002988	0.063927	0.136711	
-1.48E-05	0.261109	0.166598		
0.48411	0.002988	0.063927	0.136711	
-1.48E-05	0.166989	0.122577		
0.65608	0.002988	0.063927	0.136711	
-1.48E-05	0.072828	0.078557		
0.82804	0.002988	0.063927	0.136711	
-1.48E-05	-0.021312	0.034536		
1.00000	0.002988	0.063927	0.136711	
-1.48E-05	-0.115453	-0.009485		
LOAD -P9 -----				
REL_DIST	M2	M3	V2	V3
0.31215	0.002988	0.063927	0.136711	
-1.48E-05	0.261109	0.166598		
0.48411	0.002988	0.063927	0.136711	
-1.48E-05	0.166989	0.122577		
0.65608	0.002988	0.063927	0.136711	
-1.48E-05	0.072828	0.078557		
0.82804	0.002988	0.063927	0.136711	
-1.48E-05	-0.021312	0.034536		
1.00000	0.002988	0.063927	0.136711	
-1.48E-05	-0.115453	-0.009485		
LOAD -P10 -----				
REL_DIST	M2	M3	V2	V3
0.31215	0.002988	0.063927	0.136711	
-1.48E-05	0.261109	0.166598		
0.48411	0.002988	0.063927	0.136711	
-1.48E-05	0.166989	0.122577		
0.65608	0.002988	0.063927	0.136711	
-1.48E-05	0.072828	0.078557		
0.82804	0.002988	0.063927	0.136711	
-1.48E-05	-0.021312	0.034536		
1.00000	0.002988	0.063927	0.136711	
-1.48E-05	-0.115453	-0.009485		
LOAD -P11 -----				
REL_DIST	M2	M3	V2	V3
0.31215	0.002988	0.063927	0.136711	
-1.48E-05	0.261109	0.166598		
0.48411	0.002988	0.063927	0.136711	
-1.48E-05	0.166989	0.122577		
0.65608	0.002988	0.063927	0.136711	
-1.48E-05	0.072828	0.078557		
0.82804	0.002988	0.063927	0.136711	
-1.48E-05	-0.021312	0.034536		
1.00000	0.002988	0.063927	0.136711	
-1.48E-05	-0.115453	-0.009485		

5.05E-07	-0.000281	-2.12E-05	-0.001025	
0.48411	-0.001957	0.000765		
5.05E-07	-0.000281	-2.12E-05	-0.001025	
0.65608	-0.001251	0.000780		
0.48411	-0.000281	-2.12E-05	-0.001025	
0.82804	-0.000281	0.000794		
5.05E-07	-0.000281	-2.12E-05	-0.001025	
1.00000	0.000161	0.000809		
5.05E-07	-0.000281	-2.12E-05	-0.001025	
0.000867	0.000823			
LOAD -2N+1- -----				
REL_DIST	M2	M3	V2	V3
0.31215	-0.004373	-0.064502		-0.143788
1.77E-05	-0.274603	-0.164242		
0.48411	-0.004373	-0.064502		-0.143788
1.77E-05	-0.175589	-0.119825		
0.65608	-0.004373	-0.064502		-0.143788
1.77E-05	-0.076575	-0.075408		
0.82804	-0.004373	-0.064502		-0.143788
1.77E-05	0.022439	-0.030992		
1.00000	-0.004373	-0.064502		-0.143788
1.77E-05	0.121453	0.013425		
LOAD -2N+2- -----				
REL_DIST	M2	M3	V2	V3
0.31215	0.004373	0.064502		0.143788
1.77E-05	0.274603	0.164242		
0.48411	0.004373	0.064502		0.143788
1.77E-05	0.175589	0.119825		
0.65608	0.004373	0.064502		0.143788
1.77E-05	0.076575	0.075408		
0.82804	0.004373	0.064502		0.143788
1.77E-05	-0.022439	0.030992		
1.00000	0.004373	0.064502		0.143788
1.77E-05	-0.121453	-0.013425		
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FRAME ELEMENT INTERNAL FORCES				
COMB SETTLE ----- MAX				
REL_DIST	M2	M3	V2	V3
0.31215	0.004373	0.064502		0.143788
1.77E-05	0.274603	0.166598		
0.48411	0.004373	0.064502		0.143788
1.77E-05	0.175589	0.122571		
0.65608	0.004373	0.064502		0.143788
1.77E-05	0.076575	0.078557		
0.82804	0.004373	0.064502		0.143788
1.77E-05	0.022439	0.034536		
1.00000	0.004373	0.064502		0.143788
1.77E-05	0.121453	0.013425		
COMB SETTLE ----- MIN				
REL_DIST	M2	M3	V2	V3
0.31215	-0.004373	-0.064502		-0.143788
1.77E-05	-0.274603	-0.164242		
0.48411	-0.004373	-0.064502		-0.143788
1.77E-05	-0.175589	-0.119825		
0.65608	-0.004373	-0.064502		-0.143788
1.77E-05	-0.076575	-0.075408		
0.82804	-0.004373	-0.064502		-0.143788
1.77E-05	-0.022439	-0.030992		
1.00000	-0.004373	-0.064502		-0.143788
1.77E-05	-0.121453	-0.013425		
ELEM 100 ===== LENGTH =				
4.005385				
LOAD -P7 -----				
REL_DIST	M2	M3	V2	V3
0.00000	-0.000622	-0.039755		-0.121070
3.81E-05	-0.102275	2.09E-05		
0.17198	-0.000622	-0.039755		-0.121070
-3.81E-05	-0.018876	0.027406		
0.34396	-0.000622	-0.039755		-0.121070
-3.81E-05	-0.004523	0.054791		
0.51594	-0.000622	-0.039755		-0.121070
-3.81E-05	0.179211	0.082176		
0.68792	-0.000622	-0.039755		-0.121070
-3.81E-05	0.231320	0.109561		
LOAD -P8 -----				
REL_DIST	M2	M3	V2	V3
0.00000	-0.002458	0.060863		0.135831
3.96E-05	0.114566	0.000832		
0.17198	-0.002458	0.060863		0.135831
3.96E-05	0.020999	-0.041093		
0.34396	-0.002458	0.060863		0.135831
3.96E-05	-0.072567	-0.083018		
0.51594	-0.002458	0.060863		0.135831
3.96E-05	-0.166134	-0.124944		
0.68792	-0.002458	0.060863		0.135831
3.96E-05	-0.259700	-0.166869		
LOAD -P9 -----				
REL_DIST	M2	M3	V2	V3
0.00000	0.002834	-0.021171		-0.020612
-1.29E-06	-0.017164	0.001298		
0.17198	0.002834	-0.021171		-0.020612
-1.29E-06	-0.002965	0.015882		
0.34396	0.002834	-0.021171		-0.020612
-1.29E-06	0.011233	0.030465		
0.51594	0.002834	-0.021171		-0.020612
-1.29E-06	0.025432	0.045049		
0.68792	0.002834	-0.021171		-0.020612
-1.29E-06	0.039630	0.059633		
LOAD -P10 -----				
REL_DIST	M2	M3	V2	V3
0.00000	0.000338	-2.72E-05		0.006847
-2.98E-07	0.005702	-0.002771		
0.17198	-0.000338	-2.72E-05		0.006847
-2.98E-07	0.000985	-0.002752		
0.34396	0.000338	-2.72E-05		0.006847
-2.98E-07	-0.003731	-0.002733		
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FRAME ELEMENT INTERNAL FORCES				
REL_DIST	M2	M3	V2	V3
0.51594	0.000338	-2.72E-05		0.006847

1.16E-06	0.000406	0.000949		
0.34393	0.000197	0.015336	0.003450	
1.16E-06	-0.001970	-0.009612		
0.51590	0.000197	0.015336	0.003450	
1.16E-06	-0.004346	-0.020174		
0.68786	0.000197	0.015336	0.003450	
1.16E-06	-0.006722	-0.030736		
LOAD -A2-----				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.000142	-0.002634	-0.000378	
-1.47E-07	-0.000298	-0.001946		
0.17197	-0.000142	-0.002634	-0.000378	
-1.47E-07	-3.80E-05	-0.000132		
0.34393	-0.000142	-0.002634	-0.000378	
-1.47E-07	0.000222	0.001682		
0.51590	-0.000142	-0.002634	-0.000378	
-1.47E-07	0.000482	0.003496		
0.68786	-0.000142	-0.002634	-0.000378	
-1.47E-07	0.000742	0.005309		
LOAD -2N+1-----				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.014775	-0.225926	-0.121819	
-4.83E-05	-0.102350	-0.093447		
0.17197	0.014775	-0.225926	-0.121819	
-4.83E-05	-0.018458	0.062142		
0.34393	0.014775	-0.225926	-0.121819	
-4.83E-05	0.065435	0.217730		
0.51590	0.014775	-0.225926	-0.121819	
-4.83E-05	0.149328	0.373318		
0.68786	0.014775	-0.225926	-0.121819	
-4.83E-05	0.233221	0.528906		
LOAD -2N+2-----				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.014775	-0.225926	0.121819	
4.83E-05	-0.102350	0.093447		
0.17197	-0.014775	-0.225926	0.121819	
-4.83E-05	0.018458	-0.062142		
0.34393	0.014775	-0.225926	0.121819	
-4.83E-05	-0.065435	-0.217730		
0.51590	-0.014775	-0.225926	0.121819	
4.83E-05	-0.149328	-0.373318		
0.68786	-0.014775	-0.225926	0.121819	
4.83E-05	-0.233221	-0.528906		
COMB SETTLE-----MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.014775	-0.225926	0.121819	
4.83E-05	-0.102350	0.093447		
0.17197	0.014775	-0.225926	0.121819	
-4.83E-05	0.018458	0.062142		
0.34393	0.014775	-0.225926	0.121819	
-4.83E-05	-0.065435	-0.217730		
0.51590	-0.014775	-0.225926	0.121819	
4.83E-05	-0.149328	0.373318		
0.68786	0.014775	-0.225926	0.121819	
4.83E-05	0.233221	0.528906		
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FRAME ELEMENT INTERNAL FORCES				
COMB SETTLE-----MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.014973	-0.225926	-0.121819	
-4.83E-05	-0.102350	-0.093447		
0.17197	-0.014973	-0.225926	-0.121819	
-4.83E-05	-0.018458	-0.063090		
0.34393	-0.014973	-0.225926	-0.121819	
-4.83E-05	-0.065435	-0.217730		
0.51590	-0.014973	-0.225926	-0.121819	
-4.83E-05	-0.149328	-0.373318		
0.68786	-0.014973	-0.225926	-0.121819	
-4.83E-05	-0.233221	-0.528906		
ELEM 103=====LENGTH = 4.005000				
LOAD -P7-----				
REL_DIST	M2	M3	V2	V3
T				
0.31211	0.006310	-0.182697	-0.103580	
-2.49E-06	-0.197927	-0.472241		
0.48408	0.006310	-0.182697	-0.103580	
-2.49E-06	-0.126587	-0.346408		
0.65605	0.006310	-0.182697	-0.103580	
-2.49E-06	-0.055246	-0.220578		
0.82803	0.006310	-0.182697	-0.103580	
-2.49E-06	0.016095	-0.094743		
1.00000	0.006310	-0.182697	-0.103580	
-2.49E-06	0.087435	0.031089		
LOAD -P8-----				
REL_DIST	M2	M3	V2	V3
T				
0.31211	-0.016578	0.350805	0.095922	
1.44E-05	0.183335	0.894771		
0.48408	-0.016578	0.350805	0.095922	
1.44E-05	0.117269	0.655861		
0.65605	-0.016578	0.350805	0.095922	
1.44E-05	0.051203	0.414244		
0.82803	-0.016578	0.350805	0.095922	
1.44E-05	-0.014864	0.172627		
1.00000	-0.016578	0.350805	0.095922	
1.44E-05	-0.080930	-0.068990		
LOAD -P9-----				
REL_DIST	M2	M3	V2	V3
T				
0.31211	0.010660	-0.185330	0.080844	
-1.42E-05	0.015338	-0.457198		
0.48408	0.010660	-0.185330	0.080844	
-1.42E-05	0.009798	-0.329552		
0.65605	-0.010660	-0.185330	0.080844	
-1.42E-05	0.004258	-0.201905		
0.82803	0.010660	-0.185330	0.080844	
-1.42E-05	-0.001283	-0.074259		
1.00000	0.010660	-0.185330	0.080844	
-1.42E-05	-0.006823	0.053387		
LOAD -P10-----				
REL_DIST	M2	M3	V2	V3
T				
0.31211	-0.000357	0.020600	-0.000797	
2.81E-06	-0.010660	0.034924		
0.48408	-0.000357	0.020600	-0.000797	
2.81E-06	-0.000978	0.023235		
0.65605	-0.000357	0.020600	-0.000797	
2.81E-06	-0.000430	0.009047		
0.82803	-0.000357	0.020600	-0.000797	

8.11E-06	0.000119	-0.005141		
1.00000	-0.000357	0.020600	-0.000797	
2.81E-06	0.000668	-0.019329		
LOAD -A2-----				
REL_DIST	M2	M3	V2	V3
T				
0.31211	-3.53E-05	-0.003378	0.000411	
-5.62E-07	0.000781	-0.005463		
0.48408	-3.53E-05	-0.003378	0.000411	
-5.62E-07	0.000499	-0.003136		
0.65605	-3.53E-05	-0.003378	0.000411	
-5.62E-07	0.000216	-0.000810		
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FRAME ELEMENT INTERNAL FORCES				
REL_DIST	M2	M3	V2	V3
T				
0.82803	-3.53E-05	-0.003378	0.000411	
-5.62E-07	-6.74E-05	0.001516		
1.00000	-3.53E-05	-0.003378	0.000411	
-5.62E-07	-0.000350	0.003843		
LOAD -2N+1-----				
REL_DIST	M2	M3	V2	V3
T				
0.31211	0.016935	-0.371405	-0.095125	
-1.72E-05	-0.181808	-0.934901		
0.48408	0.016935	-0.371405	-0.095125	
-1.72E-05	-0.116291	-0.679096		
0.65605	0.016935	-0.371405	-0.095125	
-1.72E-05	-0.050773	-0.423291		
0.82803	0.016935	-0.371405	-0.095125	
-1.72E-05	0.014745	-0.167486		
1.00000	0.016935	-0.371405	-0.095125	
-1.72E-05	0.080262	0.088319		
LOAD -2N+2-----				
REL_DIST	M2	M3	V2	V3
T				
0.31211	-0.016935	0.371405	0.095125	
1.72E-05	0.181808	0.934901		
0.48408	-0.016935	0.371405	0.095125	
1.72E-05	0.116291	0.679096		
0.65605	-0.016935	0.371405	0.095125	
1.72E-05	0.050773	0.423291		
0.82803	-0.016935	0.371405	0.095125	
1.72E-05	-0.014745	0.167486		
1.00000	-0.016935	0.371405	0.095125	
1.72E-05	-0.080262	-0.088319		
COMB SETTLE-----MAX				
REL_DIST	M2	M3	V2	V3
T				
0.31211	0.016935	0.371405	0.095922	
1.72E-05	0.183335	0.934901		
0.48408	0.016935	0.371405	0.095922	
1.72E-05	0.117269	0.679096		
0.65605	0.016935	0.371405	0.095922	
1.72E-05	0.051203	0.423291		
0.82803	0.016935	0.371405	0.095922	
1.72E-05	0.016095	0.172627		
1.00000	0.016935	0.371405	0.095922	
1.72E-05	0.087435	0.088319		
COMB SETTLE-----MIN				
REL_DIST	M2	M3	V2	V3
T				
0.31211	-0.016935	-0.371405	-0.103580	
-1.72E-05	-0.197927	-0.934901		
0.48408	-0.016935	-0.371405	-0.103580	
-1.72E-05	-0.126587	-0.679096		
0.65605	-0.016935	-0.371405	-0.103580	
-1.72E-05	-0.055246	-0.423291		
0.82803	-0.016935	-0.371405	-0.103580	
-1.72E-05	-0.014864	-0.167486		
1.00000	-0.016935	-0.371405	-0.103580	
-1.72E-05	-0.080930	-0.088319		
ELEM 104=====LENGTH = 4.005000				
LOAD -P7-----				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.012100	-0.146848	-0.103074	
-4.08E-05	-0.086926	0.023179		
0.17197	0.012100	-0.146848	-0.103074	
-4.08E-05	-0.015933	0.124321		
0.34395	0.012100	-0.146848	-0.103074	
-4.08E-05	0.055059	0.225462		
0.51592	0.012100	-0.146848	-0.103074	
-4.08E-05	0.126051	0.326604		
0.68789	0.012100	-0.146848	-0.103074	
-4.08E-05	0.197043	0.427745		
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FRAME ELEMENT INTERNAL FORCES				
LOAD -P8-----				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.029746	0.269338	0.094787	
4.57E-05	0.079538	-0.057041		
0.17197	-0.029746	0.269338	0.094787	
4.57E-05	0.014254	-0.242547		
0.34395	-0.029746	0.269338	0.094787	
4.57E-05	-0.051031	-0.428054		
0.51592	-0.029746	0.269338	0.094787	
4.57E-05	-0.116315	-0.613561		
0.68789	-0.029746	0.269338	0.094787	
4.57E-05	-0.181599	-0.799068		
LOAD -P9-----				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.020132	-0.126690	0.008945	
-5.71E-06	0.008080	0.048119		
0.17197	0.020132	-0.126690	0.008945	
-5.71E-06	0.001919	0.135376		
0.34395	0.020132	-0.126690	0.008945	
-5.71E-06	-0.004241	0.222634		
0.51592	0.020132	-0.126690	0.008945	
-5.71E-06	-0.010402	0.309891		
0.68789	0.020132	-0.126690	0.008945	
-5.71E-06	-0.016563	0.397149		
LOAD -P10-----				
REL_DIST	M2	M3	V2	V3
T				

LOAD -P10 -----										0.48410	-0.036651	-0.541499	0.054376	0.51590	-0.022074	-0.416691	0.055939	REL_DIST	M2	P	M3	V2	V3	
REL_DIST	M2	P	M3	V2	V3					-3.02E-05	0.066952	-0.123874	0.054376	-1.03E-05	-0.067995	0.950867	0.055939	0.31209	M2	P	M3	V2	V3	
0.00000	-0.003592	0.022538	-0.007044							0.65607	-0.036651	-0.541499	0.054376	0.68787	-0.022074	-0.416691	0.055939	-3.26E-05	-0.089340	-0.657698	0.078200			
2.92E-06	-0.006103	-0.010100								-3.02E-05	0.029504	-0.650952	0.054376	-1.03E-05	-0.106519	1.237836		0.48407	-0.089340	-0.657698	0.078200			
0.17196	-0.003592	0.022538	-0.007044							0.82803	-0.036651	-0.541499						0.48407	-0.089340	-0.657698	0.078200			
2.92E-06	-0.001252	-0.025619								-3.02E-05	-0.007945	-0.278030						0.48407	-0.089340	-0.657698	0.078200			
0.34392	-0.003592	0.022538	-0.007044							1.00000	-0.036651	-0.541499	0.054376					0.48407	-0.089340	-0.657698	0.078200			
2.92E-06	0.003598	-0.041138								-3.02E-05	-0.045393	0.094893						0.48407	-0.089340	-0.657698	0.078200			
0.51588	-0.003592	0.022538	-0.007044															0.48407	-0.089340	-0.657698	0.078200			
2.92E-06	0.008449	-0.056657																0.48407	-0.089340	-0.657698	0.078200			
0.68784	-0.003592	0.022538	-0.007044															0.48407	-0.089340	-0.657698	0.078200			
2.92E-06	0.013299	-0.072176																0.48407	-0.089340	-0.657698	0.078200			
LOAD -A2 -----										LOAD -P10 -----														
REL_DIST	M2	P	M3	V2	V3					REL_DIST	M2	P	M3	V2	V3				REL_DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3					T	M2	P	M3	V2	V3				T	M2	P	M3	V2	V3
0.00000	0.000766	-0.003318	0.001533							0.31213	0.001026	0.050053	-0.013301					0.31209	0.002642	0.046261	-0.019719			
-4.80E-07	0.001319	0.002284	0.001533							0.48410	0.001026	0.050053	-0.013301					0.48407	0.002642	0.046261	-0.019719			
0.17196	0.000766	-0.003318	0.001533							8.81E-06	-0.016391	0.068429	-0.013301					1.19E-05	-0.037889	0.120912				
-4.80E-07	0.000263	0.004568	0.001533							0.65607	0.001026	0.050053	-0.013301					0.48407	0.002642	0.046261	-0.019719			
0.34392	0.000766	-0.003318	0.001533							8.81E-06	-0.007231	0.033958	-0.013301					1.19E-05	-0.024306	0.089047				
-4.80E-07	-0.000793	0.006853								0.82803	0.001026	0.050053	-0.013301					1.19E-05	-0.024306	0.089047				
0.51588	0.000766	-0.003318	0.001533							8.81E-06	0.001930	-0.000512	-0.013301					1.19E-05	-0.024306	0.089047				
2.92E-06	0.008449	-0.056657								1.00000	0.001026	0.050053	-0.013301					1.19E-05	-0.024306	0.089047				
0.68784	-0.003592	0.022538	-0.007044							8.81E-06	0.011090	-0.034983						1.19E-05	-0.024306	0.089047				
2.92E-06	0.013299	-0.072176																1.19E-05	-0.024306	0.089047				
LOAD -2N+1 -----										LOAD -A2 -----														
REL_DIST	M2	P	M3	V2	V3					REL_DIST	M2	P	M3	V2	V3				REL_DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3					T	M2	P	M3	V2	V3				T	M2	P	M3	V2	V3
0.00000	0.000766	-0.003318	0.001533							0.31213	0.000560	-0.007739	0.002697					0.31209	0.001348	-0.006354	0.003868			
-4.80E-07	0.001319	0.002284	0.001533							4.19E-05	0.000560	-0.007739	0.002697					0.48407	0.002642	0.009407				
0.17196	0.000766	-0.003318	0.001533							0.48410	0.000560	-0.007739	0.002697					1.19E-05	-0.010724	0.057183				
-4.80E-07	0.000263	0.004568	0.001533							0.65607	0.000560	-0.007739	0.002697					0.82802	0.002642	0.011097				
0.34392	0.000766	-0.003318	0.001533							1.00000	0.000560	-0.007739	0.002697					1.19E-05	0.002859	0.025318	-0.019719			
-4.80E-07	-0.000793	0.006853								-1.69E-06	0.003315	-0.008937	0.002697					1.19E-05	0.002859	0.025318	-0.019719			
0.51588	0.000766	-0.003318	0.001533							0.65607	0.000560	-0.007739	0.002697					1.19E-05	0.002859	0.025318	-0.019719			
2.92E-06	0.008449	-0.056657								0.82803	0.000560	-0.007739	0.002697					1.19E-05	0.002859	0.025318	-0.019719			
0.68784	-0.003592	0.022538	-0.007044							1.00000	0.000560	-0.007739	0.002697					1.19E-05	0.002859	0.025318	-0.019719			
2.92E-06	0.013299	-0.072176								-1.69E-06	0.002258	0.007753	0.002697					1.19E-05	0.002859	0.025318	-0.019719			
LOAD -2N+1 -----										LOAD -2N+1 -----														
REL_DIST	M2	P	M3	V2	V3					REL_DIST	M2	P	M3	V2	V3				REL_DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3					T	M2	P	M3	V2	V3				T	M2	P	M3	V2	V3
0.31213	0.000560	-0.007739	0.002697							0.31213	0.000560	-0.007739	0.002697					0.31213	0.000560	-0.007739	0.002697			
-4.19E-05	0.000560	-0.007739	0.002697							-4.19E-05	0.000560	-0.007739	0.002697					-4.19E-05	0.000560	-0.007739	0.002697			
0.48410	0.000560	-0.007739	0.002697							0.48410	0.000560	-0.007739	0.002697					0.48410	0.000560	-0.007739	0.002697			
-4.19E-05	0.000560	-0.007739	0.002697							-4.19E-05	0.000560	-0.007739	0.002697					-4.19E-05	0.000560	-0.007739	0.002697			
0.65607	0.000560	-0.007739	0.002697							0.65607	0.000560	-0.007739	0.002697					0.65607	0.000560	-0.007739	0.002697			
-4.19E-05	0.000560	-0.007739	0.002697							-4.19E-05	0.000560	-0.007739	0.002697					-4.19E-05	0.000560	-0.007739	0.002697			
0.82803	0.000560	-0.007739	0.002697							0.82803	0.000560	-0.007739	0.002697					0.82803	0.000560	-0.007739	0.002697			
-4.19E-05	0.000560	-0.007739	0.002697							-4.19E-05	0.000560	-0.007739	0.002697					-4.19E-05	0.000560	-0.007739	0.002697			
1.00000	0.000560	-0.007739	0.002697							1.00000	0.000560	-0.007739	0.002697					1.00000	0.000560	-0.007739	0.002697			
-4.19E-05	0.000560	-0.007739	0.002697							-4.19E-05	0.000560	-0.007739	0.002697					-4.19E-05	0.000560	-0.007739	0.002697			
LOAD -2N+2 -----										LOAD -2N+2 -----														
REL_DIST	M2	P	M3	V2	V3					REL_DIST	M2	P	M3	V2	V3				REL_DIST	M2	P	M3	V2	V3
T	M2	P	M3	V2	V3					T	M2	P	M3	V2	V3				T	M2	P	M3	V2	V3
0.31213	0.000560	-0.007739	0.002697							0.31213	0.000560	-0.007739	0.002697					0.31213	0.000560	-0.007739	0.002697			
-4.19E-05	0.000560	-0.007739	0.002697							-4.19E-05	0.000560	-0.007739	0.002697					-4.19E-05	0.000560	-0.007739	0.002697			
0.48410	0.000560	-0.007739	0.002697							0.48410	0.000560	-0.007739	0.002697					0.48410	0.000560	-0.007739	0.002697			
-4.19E-05	0.000560	-0.007739	0.002697							-4.19E-05	0.000560	-0.007739	0.002697					-4.19E-05	0.000560	-0.007739	0.002697			
0.65607	0.000560	-0.007739	0.002697							0.65607	0.000560	-0.007739	0.002697					0.65607	0.000560	-0.007739	0.002697			
-4.19E-05	0.000560	-0.007739	0.002697							-4.19E-0														

0.17198	-0.082914	-0.680240	0.080122
-1.28E-06	0.012773	0.444921	
-0.34395	-0.082914	-0.680240	0.080122
-1.28E-06	-0.042415	0.913470	
0.51593	-0.082914	-0.680240	0.080122
-1.28E-06	-0.097602	1.382018	
0.68791	-0.082914	-0.680240	0.080122
-1.28E-06	-0.152790	1.850567	
LOAD -P10			
REL_DIST	M2	M3	V2
T			
0.00000	0.000894	0.052101	-0.020280
3.73E-06	-0.017243	-0.005559	
0.17198	0.000894	0.052101	-0.020280
3.73E-06	-0.003274	-0.041546	
0.34395	0.000894	0.052101	-0.020280
3.73E-06	0.010695	-0.077433	
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	M3	V2
T			
0.51593	0.000894	0.052101	-0.020280
3.73E-06	0.024064	-0.113320	
0.68791	0.000894	0.052101	-0.020280
3.73E-06	0.038633	-0.149207	
LOAD -A2			
REL_DIST	M2	M3	V2
T			
0.00000	0.001665	-0.007417	0.003941
-6.82E-07	0.003343	0.001878	
0.17198	0.001665	-0.007417	0.003941
-6.82E-07	0.000628	0.006987	
0.34395	0.001665	-0.007417	0.003941
-6.82E-07	0.002087	0.012096	
0.51593	0.001665	-0.007417	0.003941
-6.82E-07	-0.004801	0.017205	
0.68791	0.001665	-0.007417	0.003941
-6.82E-07	-0.007516	0.022314	
LOAD -2N+1-			
REL_DIST	M2	M3	V2
T			
0.00000	-0.166299	-1.246000	0.024533
-3.44E-05	0.020987	-0.054122	
0.17198	-0.166299	-1.246000	0.024533
-3.44E-05	0.004088	0.804122	
0.34395	-0.166299	-1.246000	0.024533
-3.44E-05	-0.012810	1.662366	
0.51593	-0.166299	-1.246000	0.024533
-3.44E-05	-0.029709	2.520610	
0.68791	-0.166299	-1.246000	0.024533
-3.44E-05	-0.046607	3.378855	
LOAD -2N+2-			
REL_DIST	M2	M3	V2
T			
0.00000	0.166299	1.246000	-0.024533
3.44E-05	-0.020987	0.054122	
0.17198	0.166299	1.246000	-0.024533
3.44E-05	-0.004088	-0.804122	
0.34395	0.166299	1.246000	-0.024533
3.44E-05	0.012810	-1.662366	
0.51593	0.166299	1.246000	-0.024533
3.44E-05	0.029709	-2.520610	
0.68791	0.166299	1.246000	-0.024533
3.44E-05	0.046607	-3.378855	
COMB SETTLE ----- MAX			
REL_DIST	M2	M3	V2
T			
0.00000	0.166299	1.246000	0.080122
3.44E-05	0.067981	0.059781	
0.17198	0.166299	1.246000	0.080122
3.44E-05	0.012773	0.804122	
0.34395	0.166299	1.246000	0.080122
3.44E-05	0.031691	1.662366	
0.51593	0.166299	1.246000	0.080122
3.44E-05	0.072695	2.520610	
0.68791	0.166299	1.246000	0.080122
3.44E-05	0.113700	3.378855	
COMB SETTLE ----- MIN			
REL_DIST	M2	M3	V2
T			
0.00000	-0.166299	-1.246000	-0.059530
-3.44E-05	-0.050317	-0.054122	
0.17198	-0.166299	-1.246000	-0.059530
-3.44E-05	-0.009313	-0.804122	
0.34395	-0.166299	-1.246000	-0.059530
-3.44E-05	-0.042415	-1.662366	
0.51593	-0.166299	-1.246000	-0.059530
-3.44E-05	-0.097602	-2.520610	
0.68791	-0.166299	-1.246000	-0.059530
-3.44E-05	-0.152790	-3.378855	
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ELEM	111	=====	LENGTH =
4.004699			
LOAD -P7			
REL_DIST	M2	M3	V2
T			
0.31213	-0.148863	-1.172749	-0.048144
1.22E-06	-0.091530	-3.296012	
0.48410	-0.148863	-1.172749	-0.048144
1.22E-06	-0.058374	-2.490369	
0.65607	-0.148863	-1.172749	-0.048144
1.22E-06	-0.025219	-1.682726	
0.82803	-0.148863	-1.172749	-0.048144
1.22E-06	0.007937	-0.875084	
1.00000	-0.148863	-1.172749	-0.048144
1.22E-06	0.041092	-0.067441	
LOAD -P8			
REL_DIST	M2	M3	V2
T			
0.31213	0.296578	2.479927	-0.030298
1.74E-05	-0.058961	6.949338	
0.48410	0.296578	2.479927	-0.030298
1.74E-05	-0.030896	5.241475	
0.65607	0.296578	2.479927	-0.030298
1.74E-05	-0.017230	3.538611	
0.82803	0.296578	2.479927	-0.030298
1.74E-05	0.003635	1.825748	
1.00000	0.296578	2.479927	-0.030298

1.74E-05	0.024501	0.117885	
LOAD -P9			
REL_DIST	M2	M3	V2
T			
0.31213	-0.155321	-1.427154	0.098773
-3.21E-05	0.189556	-3.957317	
0.48410	-0.155321	-1.427154	0.098773
-3.21E-05	0.121534	-2.974473	
0.65607	-0.155321	-1.427154	0.098773
-3.21E-05	0.053511	-1.991628	
0.82803	-0.155321	-1.427154	0.098773
-3.21E-05	-0.014511	-1.008783	
1.00000	-0.155321	-1.427154	0.098773
-3.21E-05	-0.082534	-0.025938	
LOAD -P10			
REL_DIST	M2	M3	V2
T			
0.31213	0.005410	0.141127	-0.025192
1.68E-05	-0.048393	0.356053	
0.48410	0.005410	0.141127	-0.025192
1.68E-05	-0.031043	0.258862	
0.65607	0.005410	0.141127	-0.025192
1.68E-05	-0.013894	0.161672	
0.82803	0.005410	0.141127	-0.025192
1.68E-05	0.003655	0.064481	
1.00000	0.005410	0.141127	-0.025192
1.68E-05	0.021005	-0.032709	
LOAD -A2			
REL_DIST	M2	M3	V2
T			
0.31213	0.002197	-0.021151	0.004861
-3.27E-06	0.009327	-0.050081	
0.48410	0.002197	-0.021151	0.004861
-3.27E-06	0.005980	-0.035496	
0.65607	0.002197	-0.021151	0.004861
-3.27E-06	0.002632	-0.020929	
0.82803	0.002197	-0.021151	0.004861
-3.27E-06	-0.000716	-0.006363	
1.00000	0.002197	-0.021151	0.004861
-3.27E-06	-0.040464	0.008204	
LOAD -2N+1-			
REL_DIST	M2	M3	V2
T			
0.31213	-0.301988	-2.621053	0.055490
-3.42E-05	0.107354	-7.305390	
0.48410	-0.301988	-2.621053	0.055490
-3.42E-05	0.069139	-5.500337	
0.65607	-0.301988	-2.621053	0.055490
-3.42E-05	0.003924	-3.695283	
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REL_DIST	M2	M3	V2
T			
0.82803	-0.301988	-2.621053	0.055490
-3.42E-05	-0.007291	-1.890230	
1.00000	-0.301988	-2.621053	0.055490
-3.42E-05	-0.045506	-0.085176	
LOAD -2N+2-			
REL_DIST	M2	M3	V2
T			
0.31213	0.301988	2.621053	-0.055490
3.42E-05	-0.107354	7.305390	
0.48410	0.301988	2.621053	-0.055490
3.42E-05	-0.069139	5.500337	
0.65607	0.301988	2.621053	-0.055490
3.42E-05	-0.030924	3.695283	
0.82803	0.301988	2.621053	-0.055490
3.42E-05	0.007291	1.890230	
1.00000	0.301988	2.621053	-0.055490
3.42E-05	0.045506	0.085176	
COMB SETTLE ----- MAX			
REL_DIST	M2	M3	V2
T			
0.31213	0.301988	2.621053	0.098773
3.42E-05	0.189556	7.305390	
0.48410	0.301988	2.621053	0.098773
3.42E-05	0.121534	5.500337	
0.65607	0.301988	2.621053	0.098773
3.42E-05	0.053511	3.695283	
0.82803	0.301988	2.621053	0.098773
3.42E-05	0.007937	1.890230	
1.00000	0.301988	2.621053	0.098773
3.42E-05	0.045506	0.117885	
COMB SETTLE ----- MIN			
REL_DIST	M2	M3	V2
T			
0.31213	-0.301988	-2.621053	-0.055490
-3.42E-05	-0.107354	-7.305390	
0.48410	-0.301988	-2.621053	-0.055490
-3.42E-05	-0.069139	-5.500337	
0.65607	-0.301988	-2.621053	-0.055490
-3.42E-05	-0.030924	-3.695283	
0.82803	-0.301988	-2.621053	-0.055490
-3.42E-05	-0.014511	-1.890230	
1.00000	-0.301988	-2.621053	-0.055490
-3.42E-05	-0.082534	-0.085176	
ELEM 112 ===== LENGTH =			
4.005661			
LOAD -P7			
REL_DIST	M2	M3	V2
T			
0.00000	-0.145448	-1.183690	-0.047052
-2.18E-05	-0.039691	-0.070773	
0.17199	-0.145448	-1.183690	-0.047052
-2.18E-05	-0.007276	0.742789	
0.34397	-0.145448	-1.183690	-0.047052
-2.18E-05	0.025139	1.558251	
0.51596	-0.145448	-1.183690	-0.047052
0.48407	-0.055554	2.373714	
0.68794	-0.145448	-1.183690	-0.047052
-2.18E-05	0.089969	3.189176	
LOAD -P8			
REL_DIST	M2	M3	V2
T			
0.00000	0.288174	2.489607	-0.032631
6.82E-07	-0.027825	0.123740	
0.17199	0.288174	2.489607	-0.032631
6.82E-07	-0.005345	-1.591388	
0.34397	0.288174	2.489607	-0.032631
6.82E-07	0.017136	-3.306517	
0.51596	0.288174	2.489607	-0.032631
6.82E-07	0.039616	-5.021645	
0.68794	0.288174	2.489607	-0.032631
6.82E-07	0.062096	-6.736774	

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LOAD -P9-----				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.148225	-1.410251		0.100534
1.79E-05	0.085222	-0.026821		
0.17199	-0.148225	-1.410251		0.100534
1.79E-05	0.15963	0.944723		
0.34397	-0.148225	-1.410251		0.100534
1.79E-05	-0.053297	1.916267		
0.51596	-0.148225	-1.410251		0.100534
1.79E-05	-0.122556	2.887811		
0.68794	-0.148225	-1.410251		0.100534
1.79E-05	-0.191816	3.859354		
LOAD -P10-----				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.002835	0.121973		-0.025794
4.09E-06	-0.021895	-0.032401		
0.17199	0.002835	0.121973		-0.025794
4.09E-06	-0.004125	-0.116430		
0.34397	0.002835	0.121973		-0.025794
4.09E-06	0.013645	-0.200458		
0.51596	0.002835	0.121973		-0.025794
4.09E-06	0.031414	-0.284488		
0.68794	0.002835	0.121973		-0.025794
4.09E-06	0.049184	-0.368517		
LOAD -A2-----				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.002665	-0.017639		0.004943
-8.3E-07	0.004188	0.008155		
0.17199	0.002665	-0.017639		0.004943
-8.3E-07	0.000783	0.020307		
0.34397	0.002665	-0.017639		0.004943
-8.3E-07	-0.002623	0.032458		
0.51596	0.002665	-0.017639		0.004943
-8.3E-07	-0.006028	0.044610		
0.68794	0.002665	-0.017639		0.004943
-8.3E-07	-0.009434	0.056761		
LOAD -2N+1-----				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.291009	-2.611580		0.058425
-4.77E-06	0.049719	-0.091339		
0.17199	-0.291009	-2.611580		0.058425
-4.77E-06	0.009469	1.707819		
0.34397	-0.291009	-2.611580		0.058425
-4.77E-06	-0.030780	3.506976		
0.51596	-0.291009	-2.611580		0.058425
-4.77E-06	0.071030	5.306134		
0.68794	-0.291009	-2.611580		0.058425
-4.77E-06	0.111280	7.105291		
LOAD -2N+2-----				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.291009	2.611580		-0.058425
4.77E-06	-0.049719	0.091339		
0.17199	-0.291009	2.611580		-0.058425
4.77E-06	-0.009469	-1.707819		
0.34397	-0.291009	2.611580		-0.058425
4.77E-06	0.030780	-3.506976		
0.51596	-0.291009	2.611580		-0.058425
4.77E-06	0.071030	-5.306134		
0.68794	-0.291009	2.611580		-0.058425
4.77E-06	0.111280	-7.105291		
COMB SETTLE ----- MAX				
REL_DIST	M2	M3	V2	V3
T				
0.00000	0.291009	2.611580		0.100534
1.79E-05	0.085222	0.123740		
0.17199	0.291009	2.611580		0.100534
1.79E-05	0.015963	1.707819		0.100534
0.34397	0.291009	2.611580		0.100534
1.79E-05	0.030780	3.506976		0.100534
0.51596	0.291009	2.611580		0.100534
1.79E-05	0.071030	5.306134		0.100534
0.68794	0.291009	2.611580		0.100534
1.79E-05	0.111280	7.105291		
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COMB SETTLE ----- MIN				
REL_DIST	M2	M3	V2	V3
T				
0.00000	-0.291009	-2.611580		-0.058425
-2.18E-05	-0.049719	-0.091339		
0.17199	-0.291009	-2.611580		-0.058425
-2.18E-05	-0.009469	-1.707819		
0.34397	-0.291009	-2.611580		-0.058425
-2.18E-05	-0.053297	-3.506976		
0.51596	-0.291009	-2.611580		-0.058425
-2.18E-05	-0.122556	-5.306134		
0.68794	-0.291009	-2.611580		-0.058425
-2.18E-05	-0.191816	-7.105291		
ELEM 113 ===== LENGTH =				
4.005208				
LOAD -P7-----				
REL_DIST	M2	M3	V2	V3
T				
0.31209	-0.082831	-0.551398		-0.036904
9.57E-06	-0.070220	-1.571971		
0.48407	-0.082831	-0.551398		-0.036904
9.57E-06	-0.044801	-1.192167		
0.65605	-0.082831	-0.551398		-0.036904
9.57E-06	-0.019381	-0.812363		
0.82802	-0.082831	-0.551398		-0.036904
9.57E-06	0.006039	-0.432559		
1.00000	-0.082831	-0.551398		-0.036904
9.57E-06	0.031458	-0.052755		
LOAD -P8-----				
REL_DIST	M2	M3	V2	V3
T				
0.31209	0.163062	1.142182		-0.055153
-2.64E-06	-0.160609	3.252031		
0.48407	0.163062	1.142182		-0.055153
-2.64E-06	-0.068109	2.465294		
0.65605	0.163062	1.142182		-0.055153

REL_DIST	P	M2	M3	V2	V3
0.00000		0.159543	1.229658		-0.056520
-2.58E-05		-0.047996	0.109180		
0.17198		0.159543	1.229658		-0.056520
-2.58E-05		-0.009065	-0.737810		
0.34395		0.159543	1.229658		-0.056520
-2.58E-05		0.029866	-1.584801		
0.51593		0.159543	1.229658		-0.056520
-2.58E-05		0.068797	-2.431792		
0.68791		0.159543	1.229658		-0.056520
-2.58E-05		0.107728	-3.276783		

LOAD -P9 -----

REL_DIST	P	M2	M3	V2	V3
0.00000		-0.080255	-0.701751		0.116880
2.89E-05		-0.080255	-0.048619		
0.17198		-0.080255	-0.701751		0.116880
2.89E-05		0.018468	0.434749		
0.34395		-0.080255	-0.701751		0.116880
2.89E-05		-0.062039	0.918117		
0.51593		-0.080255	-0.701751		0.116880
2.89E-05		-0.142546	1.401485		
0.68791		-0.080255	-0.701751		0.116880
2.89E-05		-0.223053	1.884852		

LOAD -P10 -----

REL_DIST	P	M2	M3	V2	V3
0.00000		0.000313	0.078325		-0.029709
2.38E-06		-0.025130	-0.004809		
0.17198		0.000313	0.078325		-0.029709
2.38E-06		-0.004666	-0.058759		
0.34395		0.000313	0.078325		-0.029709
2.38E-06		0.015798	-0.112710		
0.51593		0.000313	0.078325		-0.029709
2.38E-06		0.036262	-0.166660		
0.68791		0.000313	0.078325		-0.029709
2.38E-06		0.056725	-0.220611		

LOAD -A2 -----

REL_DIST	P	M2	M3	V2	V3
0.00000		0.001721	-0.012580		0.005654
-5.67E-07		0.004775	0.001566		
0.17198		0.001721	-0.012580		0.005654
-5.67E-07		0.000881	0.010232		
0.34395		0.001721	-0.012580		0.005654
-5.67E-07		-0.003014	0.018897		
0.51593		0.001721	-0.012580		0.005654
-5.67E-07		-0.006909	0.027562		
0.68791		0.001721	-0.012580		0.005654
-5.67E-07		-0.010803	0.036227		

LOAD -2N+1-----

REL_DIST	P	M2	M3	V2	V3
0.00000		-0.159856	-1.307983		0.086229
2.34E-05		0.073126	-0.104371		
0.17198		-0.159856	-1.307983		0.086229
2.34E-05		0.013731	0.796570		
0.34395		-0.159856	-1.307983		0.086229
2.34E-05		-0.045664	1.697511		
0.51593		-0.159856	-1.307983		0.086229
2.34E-05		0.105059	2.598452		
0.68791		-0.159856	-1.307983		0.086229
2.34E-05		-0.164454	3.499393		

LOAD -2N+2-----

REL_DIST	P	M2	M3	V2	V3
0.00000		0.159856	1.307983		-0.086229
-2.34E-05		-0.073126	0.104371		
0.17198		0.159856	1.307983		-0.086229
-2.34E-05		-0.013731	-0.796570		
0.34395		0.159856	1.307983		-0.086229
-2.34E-05		0.045664	-1.697511		
0.51593		0.159856	1.307983		-0.086229
-2.34E-05		0.105059	-2.598452		
0.68791		0.159856	1.307983		-0.086229
-2.34E-05		0.164454	-3.499393		

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< UNEQUAL Page SETTLEMENT 217 >

FRAME ELEMENT INTERNAL FORCES

COMB SETTLE ----- MAX

REL_DIST	P	M2	M3	V2	V3
0.00000		0.159856	1.307983		0.116880
2.89E-05		0.098975	0.109180		
0.17198		0.159856	1.307983		0.116880
2.89E-05		0.018468	0.796570		
0.34395		0.159856	1.307983		0.116880
2.89E-05		0.045664	1.697511		
0.51593		0.159856	1.307983		0.116880
2.89E-05		0.105059	2.598452		
0.68791		0.159856	1.307983		0.116880
2.89E-05		0.164454	3.499393		

COMB SETTLE ----- MIN

REL_DIST	P	M2	M3	V2	V3
0.00000		-0.159856	-1.307983		-0.086229
-2.58E-05		-0.073126	-0.104371		
0.17198		-0.159856	-1.307983		-0.086229
-2.58E-05		-0.013731	-0.796570		
-2.58E-05		-0.159856	-1.307983		-0.086229
-2.58E-05		-0.062039	-1.697511		
0.51593		-0.159856	-1.307983		-0.086229
-2.58E-05		-0.142546	-2.598452		
0.68791		-0.159856	-1.307983		-0.086229
-2.58E-05		-0.223053	-3.499393		

ELEM 4.005766 115 ===== LENGTH =

LOAD -P7 -----

REL_DIST	P	M2	M3	V2	V3
0.31205		-0.034935	-0.415376		-0.026061
1.14E-05		-0.049680	-1.163928		
0.48404		-0.034935	-0.415376		-0.026061
1.14E-05		-0.031726	-0.877758		
0.65603		-0.034935	-0.415376		-0.026061
1.14E-05		-0.013771	-0.591588		
0.82801		-0.034935	-0.415376		-0.026061
1.14E-05		0.004183	-0.305418		
1.00000		-0.034935	-0.415376		-0.026061
1.14E-05		0.022137	-0.019248		

LOAD -P8 -----

REL_DIST	P	M2	M3	V2	V3
0.31205		0.066661	0.850397		-0.078170

-6.32E-06	-0.149769	2.368147			
0.48404	0.066661	0.850397		-0.078170	
-6.32E-06	-0.059914	1.782273			
0.65603	0.066661	0.850397		-0.078170	
-6.32E-06	-0.042059	1.196399			
0.82801	0.066661	0.850397		-0.078170	
-6.32E-06	0.011796	0.610255			
1.00000	0.066661	0.850397		-0.078170	
-6.32E-06	0.065650	0.024651			

LOAD -P9 -----

REL_DIST	P	M2	M3	V2	V3
0.31205		0.031097	-0.500059		0.129867
-1.80E-05		0.248595	-1.363078		
0.48404		-0.031097	-0.500059		0.129867
-1.80E-05		0.159124	-1.018566		
0.65603		-0.031097	-0.500059		0.129867
-1.80E-05		0.069653	-0.674055		
0.82801		-0.031097	-0.500059		0.129867
-1.80E-05		-0.019818	-0.329543		
1.00000		-0.031097	-0.500059		0.129867
-1.80E-05		-0.109289	0.014969		

LOAD -P10 -----

REL_DIST	P	M2	M3	V2	V3
0.31205		-0.001612	0.078359		-0.031683
1.61E-05		-0.060724	0.190608		
0.48404		-0.001612	0.078359		-0.031683
1.61E-05		-0.038896	0.366224		
0.65603		-0.001612	0.078359		-0.031683
1.61E-05		-0.017069	0.082639		

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FRAME ELEMENT INTERNAL FORCES

REL_DIST	P	M2	M3	V2	V3
0.82801		-0.001612	0.078359		-0.031683
1.61E-05		0.004759	0.028654		
1.00000		-0.001612	0.078359		-0.031683
1.61E-05		0.026587	-0.025330		

LOAD -A2 -----

REL_DIST	P	M2	M3	V2	V3
0.31205		0.000984	-0.013320		0.006047
-3.18E-06		0.011578	-0.031749		
0.48404		0.000984	-0.013320		0.006047
-3.18E-06		0.007412	-0.022572		
0.65603		0.000984	-0.013320		0.006047
-3.18E-06		0.003246	-0.013395		
0.82801		-0.000984	-0.013320		0.006047
-3.18E-06		-0.000920	-0.004219		
1.00000		0.000984	-0.013320		0.006047
-3.18E-06		-0.005086	0.004958		

LOAD -2N+1-----

REL_DIST	P	M2	M3	V2	V3
0.31205		-0.065048	-0.928756		0.109853
-9.77E-06		0.210493	-2.558755		
0.48404		-0.065048	-0.928756		0.109853
-9.77E-06		0.134810	-1.918897		
0.65603		-0.065048	-0.928756		0.109853
-9.77E-06		0.059128	-1.279038		
0.82801		-0.065048	-0.928756		0.109853
-9.77E-06		-0.016555	-0.639180		
1.00000		-0.065048	-0.928756		0.109853
-9.77E-06		-0.092237	0.000679		

LOAD -2N+2-----

REL_DIST	P	M2	M3	V2	V3
0.31205		0.065048	0.928756		-0.109853
9.77E-06		-0.210493	2.558755		
0.48404		0.065048	0.928756		-0.109853
9.77E-06		-0.134810	1.918897		
0.65603		0.065048	0.928756		-0.109853
9.77E-06		-0.059128	1.279038		
0.82801		0.065048	0.928756		-0.109853
9.77E-06		0.016555	0.639180		
1.00000		0.065048	0.928756		-0.109853
9.77E-06		0.092237	-0.000679		

LOAD -2N+2-----

REL_DIST	P	M2	M3	V2	V3
0.31205		0.066661	0.928756		0.129867
1.61E-05		0.248595	2.558755		
0.48404		0.066661	0.928756		0.129867
1.61E-05		0.159124	1.018566		
0.65603		0.066661	0.928756		0.129867
1.61E-05		0.069653	1.279038		
0.82801		0.066661	0.928756		0.129867
1.61E-05		0.016555	0.639180		
1.00000		0.066661	0.928756		0.129867
1.61E-05		0.092237	0.024651		

COMB SETTLE ----- MIN

REL_DIST	P	M2	M3	V2	V3
0.31205		-0.065048	-0.928756		-0.109853
-1.80E-05		-0.210493	-2.558755		

0.34392	0.000386	-0.229633	-0.013852
5.22E-06	0.007417	0.345124	
0.51588	0.000386	-0.229633	-0.013852
5.22E-06	0.016895	0.003251	
0.68785	0.000386	-0.229633	-0.013852
5.22E-06	0.026493	0.661378	
LOAD -P8 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.009454	0.457211	-0.102647
-4.67E-05	-0.086811	-0.072287	
0.17196	-0.009454	0.457211	-0.102647
-4.67E-05	-0.016128	-0.387126	
0.34392	-0.009454	0.457211	-0.102647
-4.67E-05	0.054556	-0.701965	
0.51588	-0.009454	0.457211	-0.102647
-4.67E-05	0.125240	-1.016803	
0.68785	-0.009454	0.457211	-0.102647
-4.67E-05	0.195923	-1.331642	
LOAD -P9 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.014849	-0.251402	0.142066
3.88E-05	0.119911	0.058747	
0.17196	0.012489	-0.251402	0.142066
3.88E-05	0.022084	0.231864	
0.34392	0.012489	-0.251402	0.142066
3.88E-05	-0.075744	0.404981	
0.51588	0.012489	-0.251402	0.142066
3.88E-05	-0.173572	0.578098	
0.68785	0.012489	-0.251402	0.142066
3.88E-05	-0.271400	0.751215	
LOAD -P10 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.004277	0.028278	-0.031560
3.52E-06	-0.026453	-0.018659	
0.17196	-0.004277	0.028278	-0.031560
3.52E-06	-0.004721	-0.038131	
0.34392	-0.004277	0.028278	-0.031560
3.52E-06	0.017011	-0.057604	
0.51588	-0.004277	0.028278	-0.031560
3.52E-06	0.038743	-0.077077	
0.68785	-0.004277	0.028278	-0.031560
3.52E-06	0.060476	-0.096550	
LOAD -A2 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.000856	-0.004455	0.005992
-8.42E-07	0.005013	0.003329	
0.17196	0.000856	-0.004455	0.005992
-8.42E-07	0.000886	0.006396	
0.34392	0.000856	-0.004455	0.005992
-8.42E-07	0.003240	0.009463	
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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	M2	P	V2
T	M2	M3	V2
0.00000	-0.000856	-0.004455	0.005992
-8.42E-07	-0.007366	0.012531	
0.68785	0.000856	-0.004455	0.005992
-8.42E-07	-0.011493	0.015598	
LOAD -2N+1-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.013731	-0.485489	0.134207
4.32E-05	0.113265	0.090946	
0.17196	0.013731	-0.485489	0.134207
4.32E-05	0.022084	-0.425257	
0.34392	0.013731	-0.485489	0.134207
4.32E-05	-0.071567	0.759569	
0.51588	0.013731	-0.485489	0.134207
4.32E-05	-0.163983	1.093880	
0.68785	0.013731	-0.485489	0.134207
4.32E-05	-0.256399	1.428191	
LOAD -2N+2-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.013731	0.485489	-0.134207
-4.32E-05	-0.113265	-0.090946	
0.17196	-0.013731	0.485489	-0.134207
-4.32E-05	-0.020849	-0.425257	
0.34392	-0.013731	0.485489	-0.134207
-4.32E-05	-0.071567	-0.759569	
0.51588	-0.013731	0.485489	-0.134207
-4.32E-05	-0.163983	-1.093880	
0.68785	-0.013731	0.485489	-0.134207
-4.32E-05	-0.256399	-1.428191	
COMB SETTLE ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	0.013731	0.485489	0.142066
4.32E-05	0.119911	0.090946	
0.17196	0.013731	0.485489	0.142066
4.32E-05	0.022084	0.425257	
0.34392	0.013731	0.485489	0.142066
4.32E-05	0.071567	0.759569	
0.51588	0.013731	0.485489	0.142066
4.32E-05	0.163983	1.093880	
0.68785	0.013731	0.485489	0.142066
4.32E-05	0.256399	1.428191	
COMB SETTLE ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.00000	-0.013731	-0.485489	-0.134207
-4.67E-05	-0.113265	-0.090946	
0.17196	-0.013731	-0.485489	-0.134207
-4.67E-05	-0.020849	-0.425257	
0.34392	-0.013731	-0.485489	-0.134207
-4.67E-05	-0.071567	-0.759569	
0.51588	-0.013731	-0.485489	-0.134207
-4.67E-05	-0.173572	-1.093880	
0.68785	-0.013731	-0.485489	-0.134207
-4.67E-05	-0.271400	-1.428191	
ELEM 119 ===== LENGTH =			
LOAD -P7 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31210	0.005236	-0.152143	-0.002195
5.73E-06	-0.003987	-0.398297	
0.48408	0.005236	-0.152143	-0.002195
5.73E-06	-0.002475	-0.293506	
0.65605	0.005236	-0.152143	-0.002195

5.73E-06	-0.000964	-0.188714	
0.82803	0.005236	-0.152143	-0.002195
5.73E-06	0.000548	-0.083923	
1.00000	0.005236	-0.152143	-0.002195
5.73E-06	0.002060	0.020870	
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< UNEQUAL Page SETTLEMENT 224 >			
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 -P8 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31210	-0.014961	0.305261	-0.123670
1.30E-06	-0.236771	0.808106	
0.48408	-0.014961	0.305261	-0.123670
1.30E-06	-0.151591	0.597852	
0.65605	-0.014961	0.305261	-0.123670
1.30E-06	-0.066411	0.387597	
0.82803	-0.014961	0.305261	-0.123670
1.30E-06	0.018769	0.177343	
1.00000	-0.014961	0.305261	-0.123670
1.30E-06	0.103949	-0.032912	
LOAD -P9 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31210	0.011354	-0.149444	0.148505
-1.69E-05	0.284112	-0.409108	
0.48408	0.011354	-0.149444	0.148505
-1.69E-05	0.181826	-0.306176	
0.65605	0.011354	-0.149444	0.148505
-1.69E-05	0.079540	-0.203243	
0.82803	0.011354	-0.149444	0.148505
-1.69E-05	-0.022746	-0.100311	
1.00000	0.011354	-0.149444	0.148505
-1.69E-05	-0.125032	0.002622	
LOAD -P10 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31210	-0.001916	-0.005093	-0.028054
1.24E-05	-0.053707	-0.001742	
0.48408	-0.001916	-0.005093	-0.028054
1.24E-05	-0.034377	0.001765	
0.65605	-0.001916	-0.005093	-0.028054
1.24E-05	-0.015055	0.005273	
0.82803	-0.001916	-0.005093	-0.028054
1.24E-05	0.004268	0.008123	
1.00000	-0.001916	-0.005093	-0.028054
1.24E-05	0.023591	0.012288	
LOAD -A2 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31210	0.000286	0.001419	0.005412
-2.56E-06	0.010345	0.001042	
0.48408	0.000286	0.001419	0.005412
-2.56E-06	0.006817	6.45E-05	
0.65605	0.000286	0.001419	0.005412
-2.56E-06	0.002889	-0.000913	
0.82803	0.000286	0.001419	0.005412
-2.56E-06	-0.000839	-0.001891	
1.00000	0.000286	0.001419	0.005412
-2.56E-06	-0.004567	-0.002868	
LOAD -2N+1-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31210	0.016877	-0.300168	0.151723
-1.37E-05	-0.290470	-0.300168	
0.48408	0.016877	-0.300168	0.151723
-1.37E-05	0.185968	-0.599617	
0.65605	0.016877	-0.300168	0.151723
-1.37E-05	0.081465	-0.392870	
0.82803	0.016877	-0.300168	0.151723
-1.37E-05	-0.023077	-0.186123	
1.00000	0.016877	-0.300168	0.151723
-1.37E-05	-0.127539	0.020623	
LOAD -2N+2-----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31210	-0.016877	0.300168	-0.151723
1.37E-05	-0.290470	0.806364	
0.48408	-0.016877	0.300168	-0.151723
1.37E-05	-0.185968	0.599617	
0.65605	-0.016877	0.300168	-0.151723
1.37E-05	-0.081465	0.392870	
0.82803	-0.016877	0.300168	-0.151723
1.37E-05	0.023037	0.186123	
1.00000	-0.016877	0.300168	-0.151723
1.37E-05	0.127539	-0.020623	
Program SAP2000 Nonlinear Version 7.42			
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< UNEQUAL Page SETTLEMENT 225 >			
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 SETTLE ----- MAX			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31210	0.016877	0.305261	0.151723
1.37E-05	0.290470	0.808106	
0.48408	0.016877	0.305261	0.151723
1.37E-05	0.185968	0.599617	
0.65605	0.016877	0.305261	0.151723
1.37E-05	0.081465	0.392870	
0.82803	0.016877	0.305261	0.151723
1.37E-05	0.023037	0.186123	
1.00000	0.016877	0.305261	0.151723
1.37E-05	0.127539	0.020870	
COMB SETTLE ----- MIN			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31210	-0.016877	-0.300168	-0.151723
-1.69E-05	-0.290470	-0.806364	
0.48408	-0.016877	-0.300168	-0.151723
-1.69E-05	-0.185968	-0.599617	
0.65605	-0.016877	-0.300168	-0.151723
-1.69E-05	-0.081465	-0.392870	
0.82803	-0.016877	-0.300168	-0.151723
-1.69E-05	-0.023037	-0.186123	
1.00000	-0.016877	-0.300168	-0.151723
-1.69E-05	-0.127539	-0.032912	
ELEM 120 ===== LENGTH =			
LOAD -P7 -----			
REL_DIST	M2	P	V2
T	M2	M3	V2
0.31210	0.005236	-0.152143	-0.002195
5.73E-06	-0.003987	-0.398297	
0.48408	0.005236	-0.152143	-0.002195
5.73E-06	-0.002475	-0.293506	
0.65605	0.005236	-0.152143	-0.002195

0.00000	0.010408	-0.122466	-0.002031
3.38E-06	-0.001834	0.017605	
0.17197	0.010408	-0.122466	-0.002031
3.38E-06	-0.000435	0.010956	
0.34395	0.010408	-0.122466	-0.002031
3.38E-06	0.000963	0.186307	
0.51592	0.010408	-0.122466	-0.002031
3.38E-06	0.002362	0.270658	
0.68790	0.010408	-0.122466	-0.002031
3.38E-06	0.003761	0.355010	
LOAD -P8-----			
REL_DIST	M2	M3	V2
T	M2	M3	V2
0.00000	-0.023566	0.256829	-0.123741
-4.44E-05	-0.104274	-0.032968	
0.17197	-0.023566	0.256829	-0.123741
-4.44E-05	-0.019045	-0.209864	
0.34395	-0.023566	0.256829	-0.123741
-4.44E-05	0.066184	-0.386760	
0.51592	-0.023566	0.256829	-0.123741
-4.44E-05	0.151413	-0.563956	
0.68790	-0.023566	0.256829	-0.123741
-4.44E-05	0.326643	-0.740552	
LOAD -P9-----			
REL_DIST	M2	M3	V2
T	M2	M3	V2
0.00000	0.012569	-0.144431	0.148149
3.93E-05	0.124804	0.008242	
0.17197	0.012569	-0.144431	0.148149
3.93E-05	0.022763	0.107722	
0.34395	0.012569	-0.144431	0.148149
3.93E-05	-0.079277	0.207202	
0.51592	0.012569	-0.144431	0.148149
3.93E-05	-0.181318	0.306682	
0.68790	0.012569	-0.144431	0.148149
3.93E-05	-0.283558	0.406162	
LOAD -P10-----			
REL_DIST	M2	M3	V2
T	M2	M3	V2
0.00000	0.000797	0.011767	-0.027663
2.41E-06	-0.023037	0.003956	
0.17197	0.000797	0.011767	-0.027663
2.41E-06	-0.000444	0.001351	
0.34395	0.000797	0.011767	-0.027663
2.41E-06	0.015009	-0.006574	
Program	SAP2000	Nonlinear	Version 7.42
File:	2교부선상형식S1-S404.OUT	Page	
<	UNEQUAL	SETTLEMENT	>
		226	
FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	M3	V2
T	M2	M3	V2
0.51592	0.000797	0.011767	-0.027663
2.41E-06	0.034263	-0.014839	
0.68790	0.000797	0.011767	-0.027663
2.41E-06	0.053115	-0.022964	
LOAD -A2-----			
REL_DIST	M2	M3	V2
T	M2	M3	V2
0.00000	-0.000208	-0.001699	0.005286
-6.64E-07	0.004042	-0.002336	
0.17197	-0.000208	-0.001699	0.005286
-6.64E-07	0.000761	-0.001168	
0.34395	-0.000208	-0.001699	0.005286
-6.64E-07	-0.002808	4.40E-06	
0.51592	-0.000208	-0.001699	0.005286
-6.64E-07	-0.006520	0.001174	
0.68790	-0.000208	-0.001699	0.005286
-6.64E-07	-0.011611	0.002345	
LOAD -2N+1-----			
REL_DIST	M2	M3	V2
T	M2	M3	V2
0.00000	0.022769	-0.268596	0.151404
4.20E-05	0.127371	0.023512	
0.17197	0.022769	-0.268596	0.151404
4.20E-05	0.023089	0.208513	
0.34395	0.022769	-0.268596	0.151404
4.20E-05	-0.081193	0.393514	
0.51592	0.022769	-0.268596	0.151404
4.20E-05	-0.187575	0.578515	
0.68790	0.022769	-0.268596	0.151404
4.20E-05	-0.289758	0.763516	
LOAD -2N+2-----			
REL_DIST	M2	M3	V2
T	M2	M3	V2
0.00000	-0.022769	0.268596	-0.151404
-4.20E-05	-0.127371	-0.023512	
0.17197	-0.022769	0.268596	-0.151404
-4.20E-05	-0.023089	-0.208513	
0.34395	-0.022769	0.268596	-0.151404
-4.20E-05	0.081193	-0.393514	
0.51592	-0.022769	0.268596	-0.151404
-4.20E-05	0.185475	-0.578515	
0.68790	-0.022769	0.268596	-0.151404
-4.20E-05	0.289758	-0.763516	
COMB SETTLE ----- MAX			
REL_DIST	M2	M3	V2
T	M2	M3	V2
0.00000	0.022769	0.268596	0.151404
4.20E-05	0.127371	0.023512	
0.17197	0.022769	0.268596	0.151404
4.20E-05	0.023089	0.208513	
0.34395	0.022769	0.268596	0.151404
4.20E-05	0.081193	0.393514	
0.51592	0.022769	0.268596	0.151404
4.20E-05	0.185475	0.578515	
0.68790	0.022769	0.268596	0.151404
4.20E-05	0.289758	0.763516	
COMB SETTLE ----- MIN			
REL_DIST	M2	M3	V2
T	M2	M3	V2
0.00000	-0.023566	-0.268596	-0.151404
-4.44E-05	-0.123771	-0.032968	
0.17197	-0.023566	-0.268596	-0.151404
-4.44E-05	-0.019045	-0.209864	
0.34395	-0.023566	-0.268596	-0.151404
-4.44E-05	-0.081193	-0.393514	
0.51592	-0.023566	-0.268596	-0.151404
-4.44E-05	-0.185475	-0.578515	
0.68790	-0.023566	-0.268596	-0.151404
-4.44E-05	-0.289758	-0.763516	
Program SAP2000 Nonlinear Version 7.42			
File:	2교부선상형식S1-S404.OUT	Page	
<	UNEQUAL	SETTLEMENT	>
		227	
FRAME ELEMENT INTERNAL FORCES			

ELEM	122	=====	LENGTH =
4.004797			
LOAD	-P7	-----	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.006489	-0.071743	0.007510
3.30E-06	0.006201	-0.012756	
0.17197	0.006489	-0.071743	0.007510
3.30E-06	0.001028	0.036654	
0.34394	0.006489	-0.071743	0.007510
3.30E-06	-0.004144	0.086063	
0.51591	0.006489	-0.071743	0.007510
3.30E-06	-0.009316	0.135473	
0.68787	0.006489	-0.071743	0.007510
3.30E-06	-0.014488	0.184882	
LOAD	-P8	-----	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	-0.015896	0.128714	-0.138179
-4.63E-05	-0.116414	0.017234	
0.17197	-0.015896	0.128714	-0.138179
-4.63E-05	-0.021250	-0.071411	
0.34394	-0.015896	0.128714	-0.138179
-4.63E-05	-0.073913	-0.160056	
0.51591	-0.015896	0.128714	-0.138179
-4.63E-05	0.169077	-0.248701	
0.68787	-0.015896	0.128714	-0.138179
-4.63E-05	0.264240	-0.337347	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		229	>
FRAME	ELEMENT	INTERNAL	FORCES
LOAD	-P9	-----	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.005477	-0.035815	0.146907
4.35E-05	0.123688	0.000733	
0.17197	0.005477	-0.035815	0.146907
4.35E-05	0.022513	0.025398	
0.34394	0.005477	-0.035815	0.146907
4.35E-05	-0.078692	0.050064	
0.51591	0.005477	-0.035815	0.146907
4.35E-05	-0.179837	0.074730	
0.68787	0.005477	-0.035815	0.146907
4.35E-05	-0.281012	0.099396	
LOAD	-P10	-----	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.004520	-0.025127	-0.020163
-2.68E-07	-0.016714	-0.005027	
0.17197	0.004520	-0.025127	-0.020163
-2.68E-07	-0.002828	0.012278	
0.34394	0.004520	-0.025127	-0.020163
-2.68E-07	0.011058	0.029583	
0.51591	0.004520	-0.025127	-0.020163
-2.68E-07	0.004520	0.046894	
0.68787	0.004520	-0.025127	-0.020163
-2.68E-07	0.038830	0.064192	
LOAD	-A2	-----	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	-0.000590	0.003971	0.003924
-1.92E-07	0.003240	-0.000184	
0.17197	-0.000590	0.003971	0.003924
-1.92E-07	0.000537	-0.002919	
0.34394	-0.000590	0.003971	0.003924
-1.92E-07	-0.002165	-0.005654	
0.51591	-0.000590	0.003971	0.003924
-1.92E-07	-0.004868	-0.008389	
0.68787	-0.000590	0.003971	0.003924
-1.92E-07	-0.007570	-0.011124	
LOAD	-2N+1-	-----	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	-0.103587	0.158341
4.66E-05	0.133128	-0.103587	
0.17197	0.011376	-0.103587	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	-0.103587	0.158341
4.66E-05	-0.084971	0.130474	
0.51591	0.011376	-0.103587	0.158341
4.66E-05	-0.194021	-0.103587	
0.68787	0.011376	-0.103587	0.158341
4.66E-05	-0.303070	0.273154	
LOAD	-2N+2-	-----	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	-0.11376	0.103587	-0.158341
-4.66E-05	-0.133128	0.012207	
0.17197	-0.11376	0.103587	-0.158341
-4.66E-05	-0.024078	-0.059133	
0.34394	-0.11376	0.103587	-0.158341
-4.66E-05	0.084971	-0.130474	
0.51591	-0.11376	0.103587	-0.158341
-4.66E-05	0.194021	-0.103587	
0.68787	-0.11376	0.103587	-0.158341
-4.66E-05	0.303070	-0.273154	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		230	>
FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	0.128714	0.158341
4.66E-05	0.133128	0.012304	
0.17197	0.011376	0.128714	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	0.128714	0.158341
4.66E-05	0.084971	0.130474	
0.51591	0.011376	0.128714	0.158341
4.66E-05	0.194021	0.201814	
0.68787	0.011376	0.128714	0.158341
4.66E-05	0.303070	0.273154	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		231	>
FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	0.128714	0.158341
4.66E-05	0.133128	0.012304	
0.17197	0.011376	0.128714	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	0.128714	0.158341
4.66E-05	0.084971	0.130474	
0.51591	0.011376	0.128714	0.158341
4.66E-05	0.194021	0.201814	
0.68787	0.011376	0.128714	0.158341
4.66E-05	0.303070	0.273154	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		232	>
FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	0.128714	0.158341
4.66E-05	0.133128	0.012304	
0.17197	0.011376	0.128714	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	0.128714	0.158341
4.66E-05	0.084971	0.130474	
0.51591	0.011376	0.128714	0.158341
4.66E-05	0.194021	0.201814	
0.68787	0.011376	0.128714	0.158341
4.66E-05	0.303070	0.273154	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		233	>
FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	0.128714	0.158341
4.66E-05	0.133128	0.012304	
0.17197	0.011376	0.128714	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	0.128714	0.158341
4.66E-05	0.084971	0.130474	
0.51591	0.011376	0.128714	0.158341
4.66E-05	0.194021	0.201814	
0.68787	0.011376	0.128714	0.158341
4.66E-05	0.303070	0.273154	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		234	>
FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	0.128714	0.158341
4.66E-05	0.133128	0.012304	
0.17197	0.011376	0.128714	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	0.128714	0.158341
4.66E-05	0.084971	0.130474	
0.51591	0.011376	0.128714	0.158341
4.66E-05	0.194021	0.201814	
0.68787	0.011376	0.128714	0.158341
4.66E-05	0.303070	0.273154	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		235	>
FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	0.128714	0.158341
4.66E-05	0.133128	0.012304	
0.17197	0.011376	0.128714	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	0.128714	0.158341
4.66E-05	0.084971	0.130474	
0.51591	0.011376	0.128714	0.158341
4.66E-05	0.194021	0.201814	
0.68787	0.011376	0.128714	0.158341
4.66E-05	0.303070	0.273154	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		236	>
FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	0.128714	0.158341
4.66E-05	0.133128	0.012304	
0.17197	0.011376	0.128714	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	0.128714	0.158341
4.66E-05	0.084971	0.130474	
0.51591	0.011376	0.128714	0.158341
4.66E-05	0.194021	0.201814	
0.68787	0.011376	0.128714	0.158341
4.66E-05	0.303070	0.273154	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		237	>
FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	0.128714	0.158341
4.66E-05	0.133128	0.012304	
0.17197	0.011376	0.128714	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	0.128714	0.158341
4.66E-05	0.084971	0.130474	
0.51591	0.011376	0.128714	0.158341
4.66E-05	0.194021	0.201814	
0.68787	0.011376	0.128714	0.158341
4.66E-05	0.303070	0.273154	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		238	>
FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	0.128714	0.158341
4.66E-05	0.133128	0.012304	
0.17197	0.011376	0.128714	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	0.128714	0.158341
4.66E-05	0.084971	0.130474	
0.51591	0.011376	0.128714	0.158341
4.66E-05	0.194021	0.201814	
0.68787	0.011376	0.128714	0.158341
4.66E-05	0.303070	0.273154	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		239	>
FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	0.128714	0.158341
4.66E-05	0.133128	0.012304	
0.17197	0.011376	0.128714	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	0.128714	0.158341
4.66E-05	0.084971	0.130474	
0.51591	0.011376	0.128714	0.158341
4.66E-05	0.194021	0.201814	
0.68787	0.011376	0.128714	0.158341
4.66E-05	0.303070	0.273154	
Program	SAP2000	Nonlinear	Version 7.42
File:2교부산방향S1-S404.OUT			
<	UNEQUAL	Page	SETTLEMENT
		240	>
FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
T	M3		V3
0.00000	0.011376	0.128714	0.158341
4.66E-05	0.133128	0.012304	
0.17197	0.011376	0.128714	0.158341
4.66E-05	0.024078	0.059133	
0.34394	0.011376	0.128714	0.158341

-9.49E-06	-0.178631	-0.525290		
0.65608	-0.020894	-0.257818	-0.146224	
-9.49E-06	-0.077943	-0.347759		
0.82804	-0.020894	-0.257818	-0.146224	
-9.49E-06	-0.022243	-0.170228		
1.00000	-0.020894	-0.257818	-0.146224	
-9.49E-06	-0.120143	-0.007303		
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방향S1-S404.OUT				
< UNEQUAL Page SETTLEMENT >				
235				
FRAME ELEMENT INTERNAL FORCES				
ELEM	126	=====	LENGTH =	
4.005348				
LOAD -P7				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.003096	-0.009640	0.018794	
3.20E-07	0.015688	-0.002247		
0.17198	-0.003096	-0.009640	0.018794	
3.20E-07	0.002742	0.004393		
0.34396	-0.003096	-0.009640	0.018794	
3.20E-07	-0.010204	0.011034		
0.51594	-0.003096	-0.009640	0.018794	
3.20E-07	-0.023150	0.017675		
0.68792	-0.003096	-0.009640	0.018794	
3.20E-07	-0.036097	0.024315		
LOAD -P8				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.010759	-0.122239	-0.144738	
-4.30E-05	-0.121743	-0.003942		
0.17198	0.010759	-0.122239	-0.144738	
-4.30E-05	-0.022043	0.080261		
0.34396	0.010759	-0.122239	-0.144738	
-4.30E-05	0.077655	0.164463		
0.51594	0.010759	-0.122239	-0.144738	
-4.30E-05	0.177359	0.248666		
0.68792	0.010759	-0.122239	-0.144738	
-4.30E-05	0.277059	0.332868		
LOAD -P9				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.010759	-0.122239	-0.144738	
4.67E-05	-0.121743	-0.003942		
0.17198	0.010759	-0.122239	-0.144738	
4.67E-05	-0.022043	0.080261		
0.34396	0.010759	-0.122239	-0.144738	
4.67E-05	-0.065426	-0.336889		
0.51594	-0.022206	-0.250982		
4.67E-05	-0.149078	-0.509775		
0.68792	-0.022206	-0.250982		
4.67E-05	-0.232730	-0.682660		
LOAD -P10				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.016723	-0.135157	0.005182	
-4.54E-06	0.004863	-0.000139		
0.17198	0.016723	-0.135157	0.005182	
-4.54E-06	0.001293	0.092962		
0.34396	0.016723	-0.135157	0.005182	
-4.54E-06	-0.022716	0.180609		
0.51594	0.016723	-0.135157	0.005182	
-4.54E-06	-0.005845	0.279164		
0.68792	0.016723	-0.135157	0.005182	
-4.54E-06	-0.009415	0.372265		
LOAD -A2				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.001480	0.016054	-0.000678	
5.83E-07	-0.000686	-0.002554		
0.17198	-0.001480	0.016054	-0.000678	
5.83E-07	-0.000219	-0.013613		
0.34396	-0.001480	0.016054	-0.000678	
5.83E-07	0.000248	-0.024671		
0.51594	-0.001480	0.016054	-0.000678	
5.83E-07	0.000715	-0.035729		
0.68792	-0.001480	0.016054	-0.000678	
5.83E-07	0.001182	-0.046788		
LOAD -2N+1-				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.027482	0.257395	0.139556	
4.76E-05	-0.116880	0.004081		
0.17198	-0.027482	0.257395	0.139556	
4.76E-05	-0.020749	-0.173222		
0.34396	-0.027482	0.257395	0.139556	
4.76E-05	-0.075382	-0.350526		
0.51594	-0.027482	0.257395	0.139556	
4.76E-05	-0.171513	-0.527829		
0.68792	-0.027482	0.257395	0.139556	
4.76E-05	-0.267644	-0.705133		
LOAD -2N+2-				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.027482	-0.257395	-0.139556	
-4.76E-05	-0.116880	-0.004081		
0.17198	0.027482	-0.257395	-0.139556	
-4.76E-05	-0.020749	-0.173222		
0.34396	0.027482	-0.257395	-0.139556	
-4.76E-05	-0.075382	-0.350526		
0.51594	0.027482	-0.257395	-0.139556	
-4.76E-05	-0.171513	-0.527829		
0.68792	0.027482	-0.257395	-0.139556	
-4.76E-05	0.267644	0.705133		
COMB SETTLE ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	0.027482	0.257395	0.139556	
4.76E-05	0.116880	0.008883		
0.17198	0.027482	0.257395	0.139556	
4.76E-05	0.020749	0.173222		
0.34396	0.027482	0.257395	0.139556	
4.76E-05	0.077658	0.350526		
0.51594	0.027482	0.257395	0.139556	
4.76E-05	0.177359	0.527829		
0.68792	0.027482	0.257395	0.139556	
4.76E-05	0.277059	0.705133		

COMB SETTLE ----- MIN				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.00000	-0.027482	-0.257395	-0.144738	
-4.76E-05	-0.121743	-0.004081		
0.17198	-0.027482	-0.257395	-0.144738	
-4.76E-05	-0.022043	-0.173222		
0.34396	-0.027482	-0.257395	-0.144738	
-4.76E-05	-0.075382	-0.350526		
0.51594	-0.027482	-0.257395	-0.144738	
-4.76E-05	-0.171513	-0.527829		
0.68792	-0.027482	-0.257395	-0.144738	
-4.76E-05	-0.267644	-0.705133		
ELEM 127 ===== LENGTH =				
4.005197				
LOAD -P7 -----				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31209	-0.006781	0.000292	0.021403	
-8.91E-06	0.040902	-0.001266		
0.48407	-0.006781	0.000292	0.021403	
-8.91E-06	0.026180	-0.001467		
0.65605	-0.006781	0.000292	0.021403	
-8.91E-06	0.011418	-0.001668		
0.82802	-0.006781	0.000292	0.021403	
-8.91E-06	-0.003324	-0.001869		
1.00000	-0.006781	0.000292	0.021403	
-8.91E-06	-0.018066	-0.002070		
LOAD -P8 -----				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31209	0.005982	-0.262368	-0.139506	
1.37E-05	-0.266449	-0.718707		
0.48407	0.005982	-0.262368	-0.139506	
1.37E-05	-0.170358	-0.537988		
0.65605	0.005982	-0.262368	-0.139506	
1.37E-05	-0.074266	-0.357269		
0.82802	0.005982	-0.262368	-0.139506	
1.37E-05	0.021826	-0.176591		
1.00000	0.005982	-0.262368	-0.139506	
1.37E-05	0.117917	0.004168		
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LOAD -P9 -----				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31209	-0.003496	0.496912	0.099849	
8.00E-06	0.190514	1.362921		
0.48407	-0.003496	0.496912	0.099849	
8.00E-06	0.121738	1.020648		
0.65605	-0.003496	0.496912	0.099849	
8.00E-06	0.052963	0.678376		
0.82802	-0.003496	0.496912	0.099849	
8.00E-06	-0.015813	0.336103		
1.00000	-0.003496	0.496912	0.099849	
8.00E-06	-0.084588	-0.006169		
LOAD -P10 -----				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31209	0.003578	-0.264542	0.021857	
-1.54E-05	0.041979	-0.719287		
0.48407	0.003578	-0.264542	0.021857	
-1.54E-05	0.026924	-0.537070		
0.65605	0.003578	-0.264542	0.021857	
-1.54E-05	0.011869	-0.354854		
0.82802	0.003578	-0.264542	0.021857	
-1.54E-05	-0.003186	-0.172638		
1.00000	0.003578	-0.264542	0.021857	
-1.54E-05	-0.018241	0.009578		
LOAD -A2 -----				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31209	0.000717	0.029706	-0.003602	
2.60E-06	-0.006946	0.076338		
0.48407	0.000717	0.029706	-0.003602	
2.60E-06	-0.004465	0.055877		
0.65605	0.000717	0.029706	-0.003602	
2.60E-06	-0.001984	0.035416		
0.82802	0.000717	0.029706	-0.003602	
2.60E-06	0.000498	0.014955		
1.00000	0.000717	0.029706	-0.003602	
2.60E-06	0.002979	-0.005507		
LOAD -2N+1- -----				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31209	-0.009560	0.526909	0.117649	
1.68E-06	0.224470	1.437993		
0.48407	-0.009560	0.526909	0.117649	
1.68E-06	0.143434	1.075058		
0.65605	-0.009560	0.526909	0.117649	
1.68E-06	0.062397	0.712124		
0.82802	-0.009560	0.526909	0.117649	
1.68E-06	-0.018639	0.349189		
1.00000	-0.009560	0.526909	0.117649	
1.68E-06	-0.099676	-0.013746		
LOAD -2N+2- -----				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31209	0.009560	-0.526909	-0.117649	
-1.68E-06	-0.224470	-1.437993		
0.48407	0.009560	-0.526909	-0.117649	
-1.68E-06	-0.143434	-1.075058		
0.65605	0.009560	-0.526909	-0.117649	
-1.68E-06	0.062397	0.712124		
0.82802	0.009560	-0.526909	-0.117649	
-1.68E-06	0.018639	-0.349189		
1.00000	0.009560	-0.526909	-0.117649	
-1.68E-06	0.099676	0.013746		
COMB SETTLE ----- MAX				
REL_DIST	M2	P	V2	V3
T	M2	M3		
0.31209	0.009560	0.526909	0.117649	
1.37E-05	0.224470	1.437993		
0.48407	0.009560	0.526909	0.117649	
1.37E-05	0.143434	1.075058		
0.65605	0.009560	0.526909	0.117649	
1.37E-05	0.062397	0.712124		
0.82802	0.009560	0.526909	0.117649	
1.37E-05	0.021825	0.349189		
1.00000	0.009560	0.526909	0.117649	
1.37E-05	0.117917	0.013746		
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1.46E-05 0.158080 2.542083 0.083282
0.48414 0.063216 0.978106
1.46E-05 0.100739 1.868637
0.65609 0.063216 0.978106
1.46E-05 0.043397 1.195192 0.083282
0.82805 0.063216 0.978106
1.46E-05 0.020114 0.521746 0.083282
1.00000 0.063216 0.978106
1.46E-05 0.107129 0.151700

COMB SETTLE MIN
REL_DIST T M2 P M3 V2 V3
0.31218 -0.068010 -0.978106 -0.126380
-2.12E-05 -0.240931 -2.542083
0.48414 -0.060910 -0.978106 -0.126380
-2.12E-05 -0.153916 -1.868637 -0.126380
0.65609 -0.060910 -0.978106 -0.126380
-2.12E-05 -0.066901 -1.195192 -0.126380
0.82805 -0.060910 -0.978106 -0.126380
-2.12E-05 -0.139445 -0.521746 -0.126380
1.00000 -0.060910 -0.978106 -0.126380
-2.12E-05 -0.071286 -0.151700

ELEM 130 ===== LENGTH =
4.005088
LOAD -P7

REL_DIST T M2 P M3 V2 V3
0.00000 -0.007795 0.008965 0.020770
-1.04E-06 -0.017301 -0.014252 0.020770
0.17197 -0.007795 0.008965 0.020770
-1.04E-06 0.002995 -0.020427 0.020770
0.34395 -0.007795 0.008965 0.020770
-1.04E-06 -0.011311 -0.026602 0.020770
0.51592 -0.007795 0.008965 0.020770
-1.04E-06 -0.025816 -0.032729 0.020770
0.68790 -0.007795 0.008965 0.020770
-1.04E-06 -0.039922 -0.038952 0.020770

LOAD -P8
REL_DIST T M2 P M3 V2 V3
0.00000 -0.018299 -0.384943 -0.123842
-3.82E-05 -0.104009 0.062121 -0.123842
0.17197 -0.018299 -0.384943 -0.123842
-3.82E-05 0.018710 0.327259 -0.123842
0.34395 -0.018299 -0.384943 -0.123842
-3.82E-05 0.066589 0.592397 -0.123842
0.51592 -0.018299 -0.384943 -0.123842
-3.82E-05 0.151887 0.857355 -0.123842
0.68790 -0.018299 -0.384943 -0.123842
-3.82E-05 0.237186 1.122673 -0.123842

LOAD -P9
REL_DIST T M2 P M3 V2 V3
0.00000 0.043318 0.719737 0.066062
4.40E-05 0.055117 -0.103862 0.066062
0.17197 0.043318 0.719737 0.066062
4.40E-05 0.009616 -0.599596 0.066062
0.34395 0.043318 0.719737 0.066062
4.40E-05 -0.035886 -1.095331 0.066062
0.51592 0.043318 0.719737 0.066062
4.40E-05 -0.081388 -1.591065 0.066062
0.68790 0.043318 0.719737 0.066062
4.40E-05 -0.126889 -2.086799 0.066062

LOAD -P10
REL_DIST T M2 P M3 V2 V3
0.00000 -0.019213 -0.377175 0.044886
-6.16E-06 0.038357 0.075014 0.044886
0.17197 -0.019213 -0.377175 0.044886
-6.16E-06 0.034841 0.334841 0.044886
0.34395 -0.019213 -0.377175 0.044886
-6.16E-06 -0.023475 0.594588 0.044886
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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
0.51592 -0.019213 -0.377175 0.044886
-6.16E-06 -0.054391 0.854376 0.044886
0.68790 -0.019213 -0.377175 0.044886
-6.16E-06 -0.085307 1.114163 0.044886

LOAD -A2
REL_DIST T M2 P M3 V2 V3
0.00000 0.001989 0.033416 -0.007876
1.32E-06 -0.006766 -0.019021 -0.007876
0.17197 0.001989 0.033416 -0.007876
1.32E-06 -0.001342 -0.042037 -0.007876
0.34395 0.001989 0.033416 -0.007876
1.32E-06 0.004083 -0.065052 -0.007876
0.51592 0.001989 0.033416 -0.007876
1.32E-06 0.009508 -0.088068 -0.007876
0.68790 0.001989 0.033416 -0.007876
1.32E-06 0.014933 -0.111084 -0.007876

LOAD -2N+1
REL_DIST T M2 P M3 V2 V3
0.00000 0.037512 0.762118 0.078956
4.43E-05 0.065652 -0.137135 0.078956
0.17197 0.037512 0.762118 0.078956
4.43E-05 0.011269 -0.662060 0.078956
0.34395 0.037512 0.762118 0.078956
4.43E-05 -0.043113 -1.186985 0.078956
0.51592 0.037512 0.762118 0.078956
4.43E-05 -0.097496 -1.711910 0.078956
0.68790 0.037512 0.762118 0.078956
4.43E-05 -0.151879 -2.236836 0.078956

LOAD -2N+2
REL_DIST T M2 P M3 V2 V3
0.00000 -0.037512 -0.762118 -0.078956
-4.43E-05 -0.065652 0.137135 -0.078956
0.17197 -0.037512 -0.762118 -0.078956
-4.43E-05 -0.011269 0.662060 -0.078956
0.34395 -0.037512 -0.762118 -0.078956
-4.43E-05 0.043113 1.186985 -0.078956
0.51592 -0.037512 -0.762118 -0.078956
-4.43E-05 0.097496 -1.711910 -0.078956
0.68790 -0.037512 -0.762118 -0.078956
-4.43E-05 0.151879 2.236836 -0.078956

COMB SETTLE MAX
REL_DIST T M2 P M3 V2 V3
0.00000 0.043318 0.762118 0.078956
4.43E-05 0.065652 0.137135 0.078956

0.17197 0.043318 0.762118 0.078956
4.43E-05 0.011269 0.662060 0.078956
0.34395 0.043318 0.762118 0.078956
4.43E-05 0.065659 1.186985 0.078956
0.51592 0.043318 0.762118 0.078956
4.43E-05 0.151887 1.711910 0.078956
0.68790 0.043318 0.762118 0.078956
4.43E-05 0.237186 2.236836 0.078956

COMB SETTLE MIN
REL_DIST T M2 P M3 V2 V3
0.00000 -0.037512 -0.762118 -0.123842
-4.43E-05 -0.104009 -0.137135 -0.123842
0.17197 -0.037512 -0.762118 -0.123842
-4.43E-05 -0.018710 -0.662060 -0.123842
0.34395 -0.037512 -0.762118 -0.123842
-4.43E-05 -0.043113 -1.186985 -0.123842
0.51592 -0.037512 -0.762118 -0.123842
-4.43E-05 -0.097496 -1.711910 -0.123842
0.68790 -0.037512 -0.762118 -0.123842
-4.43E-05 -0.151879 -2.236836 -0.123842
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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 131 ===== LENGTH =
4.005018
LOAD -P7
REL_DIST T M2 P M3 V2 V3
0.31211 -0.003245 0.029642 0.019424
-8.24E-06 0.036989 0.078353 0.019424
0.48408 -0.003245 0.029642 0.019424
-8.24E-06 0.023811 0.057937 0.019424
0.65605 -0.003245 0.029642 0.019424
-8.24E-06 0.010233 0.037512 0.019424
0.82803 -0.003245 0.029642 0.019424
-8.24E-06 -0.003145 0.017106 0.019424
1.00000 -0.003245 0.029642 0.019424
-8.24E-06 -0.016523 -0.003310 0.019424

LOAD -P8
REL_DIST T M2 P M3 V2 V3
0.31211 -0.084167 -0.584743 -0.108837
1.29E-05 -0.207278 -1.666765 -0.108837
0.48408 -0.084167 -0.584743 -0.108837
1.29E-05 -0.132317 -1.264021 -0.108837
0.65605 -0.084167 -0.584743 -0.108837
1.29E-05 -0.057355 -0.861277 -0.108837
0.82803 -0.084167 -0.584743 -0.108837
1.29E-05 0.016707 -0.458133 -0.108837
1.00000 -0.084167 -0.584743 -0.108837
1.29E-05 0.092568 -0.055789 -0.108837

LOAD -P9
REL_DIST T M2 P M3 V2 V3
0.31211 0.167163 1.073277 0.036201
1.51E-05 0.068085 3.087577 0.036201
0.48408 0.167163 1.073277 0.036201
1.51E-05 0.043151 2.348353 0.036201
0.65605 0.167163 1.073277 0.036201
1.51E-05 0.018218 1.609128 0.036201
0.82803 0.167163 1.073277 0.036201
1.51E-05 -0.006716 0.869904 0.036201
1.00000 0.167163 1.073277 0.036201
1.51E-05 -0.031649 1.30680 0.036201

LOAD -P10
REL_DIST T M2 P M3 V2 V3
0.31211 0.167163 1.073277 0.036201
1.51E-05 0.068085 3.087577 0.036201
0.48408 0.167163 1.073277 0.036201
1.51E-05 0.043151 2.348353 0.036201
0.65605 0.167163 1.073277 0.036201
1.51E-05 0.018218 1.609128 0.036201
0.82803 0.167163 1.073277 0.036201
1.51E-05 -0.006716 0.869904 0.036201
1.00000 0.167163 1.073277 0.036201
1.51E-05 -0.031649 1.30680 0.036201

LOAD -A2
REL_DIST T M2 P M3 V2 V3
0.31211 0.006788 0.047307 -0.011334
5.52E-06 -0.021799 0.137661 -0.011334
0.48408 0.006788 0.047307 -0.011334
5.52E-06 -0.013993 0.105078 -0.011334
0.65605 0.006788 0.047307 -0.011334
5.52E-06 -0.006187 0.072495 -0.011334
0.82803 0.006788 0.047307 -0.011334
5.52E-06 0.001619 0.039911 -0.011334
1.00000 0.006788 0.047307 -0.011334
5.52E-06 0.009425 0.007328 -0.011334

LOAD -2N+1
REL_DIST T M2 P M3 V2 V3
0.31211 0.170706 1.150226 0.044291
1.24E-05 0.083274 3.303591 0.044291
0.48408 0.170706 1.150226 0.044291
1.24E-05 0.052769 2.511368 0.044291
0.65605 0.170706 1.150226 0.044291
1.24E-05 0.022264 1.719145 0.044291
Program SAP2000 Nonlinear Version 7.42
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< UNEQUAL Page SETTLEMENT 244 >
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
0.82803 0.170706 1.150226 0.044291
1.24E-05 -0.008241 0.926921 0.044291
1.00000 0.170706 1.150226 0.044291
1.24E-05 -0.038747 0.134698 0.044291

LOAD -2N+2
REL_DIST T M2 P M3 V2 V3
0.31211 -0.170706 -1.150226 -0.044291
-1.24E-05 -0.083274 -3.303591 -0.044291
0.48408 -0.170706 -1.150226 -0.044291
-1.24E-05 -0.052769 -2.511368 -0.044291
0.65605 -0.170706 -1.150226 -0.044291
-1.24E-05 -0.022264 -1.719145 -0.044291
0.82803 -0.170706 -1.150226 -0.044291
-1.24E-05 0.008241 -0.926921 -0.044291
1.00000 -0.170706 -1.150226 -0.044291

-1.24E-05 0.038747 -0.134698
COMB SETTLE MAX
REL_DIST T M2 P M3 V2 V3
0.31211 0.170706 1.150226 0.064546
1.51E-05 0.124004 3.303591 0.064546
0.48408 0.170706 1.150226 0.064546
1.51E-05 0.079548 2.511368 0.064546
0.65605 0.170706 1.150226 0.064546
1.51E-05 0.035091 1.719145 0.064546
0.82803 0.170706 1.150226 0.064546
1.51E-05 0.017607 0.926921 0.064546
1.00000 0.170706 1.150226 0.064546
1.51E-05 0.092568 0.134698 0.064546

COMB SETTLE MIN
REL_DIST T M2 P M3 V2 V3
0.31211 -0.170706 -1.150226 -0.108837
-2.53E-05 -0.207278 -3.303591 -0.108837
0.48408 -0.170706 -1.150226 -0.108837
-2.53E-05 -0.132317 -2.511368 -0.108837
0.65605 0.170706 -1.150226 -0.108837
-2.53E-05 -0.057355 -1.719145 -0.108837
0.82803 -0.170706 -1.150226 -0.108837
-2.53E-05 -0.009365 -0.926921 -0.108837
1.00000 -0.170706 -1.150226 -0.108837
-2.53E-05 -0.053822 -0.134698 -0.108837

ELEM 132 ===== LENGTH =
4.005018
LOAD -P7

REL_DIST T M2 P M3 V2 V3
0.00000 -0.004055 0.032485 0.018650
8.69E-07 0.015502 -0.001789 0.018650
0.17197 -0.004055 0.032485 0.018650
8.69E-07 0.002657 -0.024163 0.018650
0.34395 -0.004055 0.032485 0.018650
8.69E-07 -0.010189 -0.046537 0.018650
0.51592 -0.004055 0.032485 0.018650
8.69E-07 -0.023034 -0.068911 0.018650
0.68789 -0.004055 0.032485 0.018650
8.69E-07 -0.035879 -0.091285 0.018650

LOAD -P8
REL_DIST T M2 P M3 V2 V3
0.00000 -0.081152 -0.653555 -0.105927
-3.26E-05 -0.088833 -0.065349 -0.105927
0.17197 -0.081152 -0.653555 -0.105927
-3.26E-05 -0.015875 0.384790 -0.105927
0.34395 -0.081152 -0.653555 -0.105927
-3.26E-05 0.057082 0.834929 -0.105927
0.51592 -0.081152 -0.653555 -0.105927
-3.26E-05 0.130040 1.285068 -0.105927
0.68789 -0.081152 -0.653555 -0.105927
-3.26E-05 0.202997 1.735207 -0.105927
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< UNEQUAL Page SETTLEMENT 245 >
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 -P9
REL_DIST T M2 P M3 V2 V3
0.00000 0.163027 1.220180 0.032271
2.91E-05 0.026436 1.40904 0.032271
0.17197 0.163027 1.220180 0.032271
2.91E-05 0.004210 -0.699500 0.032271
0.34395 0.163027 1.220180 0.032271
2.91E-05 -0.018017 -1.539904 0.032271
0.51592 0.163027 1.220180 0.032271
2.91E-05 -0.040243 -2.380308 0.032271
0.68789 0.163027 1.220180 0.032271
2.91E-05 -0.062470 -3.220712 0.032271

LOAD -P10
REL_DIST T M2 P M3 V2 V3
0.00000 0.163027 1.220180 0.032271
2.91E-05 0.026436 1.40904 0.032271
0.17197 0.163027 1.220180 0.032271
2.91E-05 0.004210 -0.699500 0.032271
0.34395 0.163027 1.220180 0.032271
2.91E-05 -0.018017 -1.539904 0.032271
0.51592 0.163027 1.220180 0.032271
2.91E-05 -0.040243 -2.380308 0.032271
0.68789 0.163027 1.220180 0.032271
2.91E-05 -0.062470 -3.220712 0.032271

LOAD -A2
REL_DIST T M2 P M3 V2 V3
0.00000 -0.084181 -0.664336 0.066852
2.22E-06 0.057043 -0.081620 0.066852
0.17197 -0.084181 -0.664336 0.066852
2.22E-06 0.010998 0.375945 0.066852
0.34395 -0.084181 -0.664336 0.066852
2.22E-06 0.035046 0.833509 0.066852
0.51592 -0.084181 -0.664336 0.066852
2.22E-06 -0.081091 1.291074 0.066852
0.68789 -0.084181 -0.664336 0.066852
2.22E-06 -0.127135 1.748639 0.066852

LOAD -2N+1
REL_DIST T M2 P M3 V2 V3
0.00000 0.006361 0.065227 -0.011846
4.26E-07 -0.010148 0.007854 -0.011846
0.34395 0.006361 0.065227 -0.011846
4.26E-07 0.001989 -0.037072 -0.011846
0.34395 0.006361 0.065227 -0.011846
4.26E-07 0.006169 -0.081997 -0.011846
0.51592 0.006361 0.065227 -0.011846
4.26E-07 0.014328 -0.126922 -0.011846
0.68789 0.006361 0.065227 -0.011846
4.26E-07 0.022487 -0.171848 -0.011846

LOAD -2N+2
REL_DIST T M2 P M3 V2 V3
0.00000 0.165332 1.317891 0.039075
3.04E-05 0.031790 0.146969 0.039075
0.17197 0.165332 1.317891 0.039075
3.04E-05 0.004877 -0.760735 0.039075
0.34395 0.165332 1.317891 0.039075
3.04E-05 -0.022036 1.17891 0.039075
0.51592 0.165332 1.317891 0.039075
3.04E-05 -0.048949 -2.576142 0.039075
0.68789 0.165332 1.317891 0.039075
3.04E-05 -0.075862 -3.483846 0.039075

LOAD -2N+2
REL_DIST T M2 P M3 V2 V3
0.00000 -0.165332 -1.317891 -0.039075
-3.04E-05 -0.048949 -2.576142 -0.039075
0.17197 -0.165332 -1.317891 -0.039075
-3.04E-05 0.004877 0.760735 -0.039075
0.34395 -0.165332 -1.317891 -0.039075
-3.04E-05 0.022036 1.17891 -0.039075
0.51592 -0.165332 -1.317891 -0.039075
-3.04E-05 0.048949 2.576142 -0.039075
0.68789 -0.165332 -1.317891 -0.039075
-3.04E-05 0.075862 3.483846 -0.039075

COMB SETTLE MAX

REL_DIST T M2 P M3 V2 V3
0.00000 0.165332 1.317891 0.066852
3.04E-05 0.057043 0.146969 0.0

1.65E-07	0.000402	-3.731854		-0.002249
0.82803	-0.329046	-2.798672		
1.65E-07	0.001951	-1.804271		-0.002249
1.00000	-0.329046	-2.798672		
1.65E-07	0.003500	0.123312		
COMB SETTLE ----- MAX				
REL DIST	P	M2	M3	V2
0.31211		0.329046	2.798672	0.086132
2.26E-05	0.165385	7.587021		
0.48408	0.329046	2.798672		0.086132
2.26E-05	0.106062	5.659438		
0.65606	0.329046	2.798672		0.086132
2.26E-05	0.046739	3.731854		
0.82803	0.329046	2.798672		0.086132
2.26E-05	0.014535	1.804271		
1.00000	0.329046	2.798672		0.086132
2.26E-05	0.075407	0.123312		
COMB SETTLE ----- MIN				
REL DIST	P	M2	M3	V2
0.31211		-0.329046	-2.798672	-0.088381
-2.24E-05	-0.168082	-2.798672		
-0.48408	-0.329046	-2.798672		-0.088381
-2.24E-05	-0.107210	-5.659438		
0.65606	-0.329046	-2.798672		-0.088381
-2.24E-05	-0.046337	-3.731854		
0.82803	-0.329046	-2.798672		-0.088381
-2.24E-05	-0.012584	-1.804271		
1.00000	-0.329046	-2.798672		-0.088381
-2.24E-05	-0.071907	-0.123312		
ELEM 134 ===== LENGTH =				
4.004997				
LOAD -P7 -----				
REL DIST	P	M2	M3	V2
0.00000		0.005488	0.079520	0.015070
6.19E-07	0.012448	-0.037641		
0.17197	0.005488	0.079520		0.015070
6.26E-07	0.002117	-0.088533		
0.34394	0.005488	0.079520		0.015070
6.26E-07	-0.008263	-0.143302		
0.51592	0.005488	0.079520		0.015070
6.19E-07	-0.010426	-0.198192		
0.68789	0.005488	0.079520		0.015070
6.26E-07	-0.029022	-0.252840		
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< UNEQUAL Page SETTLEMENT 248 >				
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 -P8 -----				
REL DIST	P	M2	M3	V2
0.00000		-0.155775	-1.273722	-0.085427
-1.97E-05	-0.050095	-1.273722		
-1.97E-05	-0.155775	-1.273722		-0.085427
-1.97E-05	-0.012653	0.927370		
0.34394	-0.155775	-1.273722		-0.085427
-1.97E-05	0.046185	1.804646		
0.51592	-0.155775	-1.273722		-0.085427
-1.97E-05	0.005488	2.681921		
0.68789	-0.155775	-1.273722		-0.085427
-1.97E-05	0.163861	3.559196		
LOAD -P9 -----				
REL DIST	P	M2	M3	V2
0.00000		0.295301	2.382975	-0.002289
-3.83E-07	-0.002753	-0.037661		
0.17197	0.295301	2.382975		-0.002289
-3.83E-07	-0.000177	-1.678933		
0.34394	0.295301	2.382975		-0.002289
-3.83E-07	0.000440	-3.320025		
0.51592	0.295301	2.382975		-0.002289
-3.83E-07	0.001976	4.961477		
0.68789	0.295301	2.382975		-0.002289
-3.83E-07	0.003553	-6.602749		
LOAD -P10 -----				
REL DIST	P	M2	M3	V2
0.00000		-0.146071	-1.266255	0.088380
2.01E-05	0.075171	0.059118		
0.17197	-0.146071	-1.266255		0.088380
2.01E-05	0.014299	0.931250		
0.34394	-0.146071	-1.266255		0.088380
2.01E-05	-0.046572	1.803382		
0.51592	-0.146071	-1.266255		0.088380
2.01E-05	-0.107443	2.675141		
0.68789	-0.146071	-1.266255		0.088380
2.01E-05	-0.168315	3.547646		
LOAD -A2 -----				
REL DIST	P	M2	M3	V2
0.00000		0.001057	0.077483	-0.015733
-6.51E-07	-0.013423	-0.037788		
0.17197	0.001057	0.077483		-0.015733
-6.51E-07	-0.002586	-0.091154		
0.34394	0.001057	0.077483		-0.015733
-6.51E-07	0.008250	-0.144520		
0.51592	0.001057	0.077483		-0.015733
-6.51E-07	0.019086	-0.197887		
0.68789	0.001057	0.077483		-0.015733
-6.51E-07	0.029923	-0.251253		
LOAD -2N+1 -----				
REL DIST	P	M2	M3	V2
0.00000		0.301846	2.539977	-0.002952
-4.08E-07	-0.003680	0.109213		
0.17197	0.301846	2.539977		-0.002952
-4.08E-07	-0.001646	-1.858620		
0.34394	0.301846	2.539977		-0.002952
-4.08E-07	0.000387	-3.608027		
0.51592	0.301846	2.539977		-0.002952
-4.08E-07	0.002421	-5.357435		
0.68789	0.301846	2.539977		-0.002952
-4.08E-07	0.004454	-7.106842		
LOAD -2N+2 -----				
REL DIST	P	M2	M3	V2
0.00000		-0.301846	-2.539977	0.002952
4.08E-07	0.003680	0.109213		
0.17197	-0.301846	-2.539977		0.002952
4.08E-07	0.001246	1.858620		
0.34394	-0.301846	-2.539977		0.002952
4.08E-07	-0.000387	3.608027		
0.51592	-0.301846	-2.539977		0.002952
4.08E-07	-0.002421	5.357435		
0.68789	-0.301846	-2.539977		0.002952

4.08E-07	-0.004454	7.106842	Version	7.42
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< UNEQUAL Page SETTLEMENT 249 >				
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 SETTLE ----- MAX				
REL DIST	P	M2	M3	V2
0.00000		0.301846	2.539977	0.088380
2.01E-05	0.075171	0.109213		
0.17197	0.301846	2.539977		0.088380
2.01E-05	0.014299	1.858620		
0.34394	0.301846	2.539977		0.088380
2.01E-05	0.046185	3.608027		
0.51592	0.301846	2.539977		0.088380
2.01E-05	0.105023	5.357435		
0.68789	0.301846	2.539977		0.088380
2.01E-05	0.163861	7.106842		
COMB SETTLE ----- MIN				
REL DIST	P	M2	M3	V2
0.00000		-0.301846	-2.539977	-0.085427
-1.97E-05	-0.071491	-0.109213		
0.17197	-0.301846	-2.539977		-0.085427
-1.97E-05	-0.012653	-1.858620		
0.34394	-0.301846	-2.539977		-0.085427
-1.97E-05	-0.046572	-3.608027		
0.51592	-0.301846	-2.539977		-0.085427
-1.97E-05	-0.107443	-5.357435		
0.68789	-0.301846	-2.539977		-0.085427
-1.97E-05	-0.168315	-7.106842		
ELEM 135 ===== LENGTH =				
4.005021				
LOAD -P7 -----				
REL DIST	P	M2	M3	V2
0.31211		0.008708	0.048609	0.011925
-5.46E-06	0.022587	0.141881		
0.48408	0.008708	0.048609		0.011925
-5.46E-06	0.014374	0.108402		
0.65605	0.008708	0.048609		0.011925
-5.46E-06	0.006160	0.074922		
0.82803	0.008708	0.048609		0.011925
-5.46E-06	-0.002053	0.041442		
1.00000	0.008708	0.048609		0.011925
-5.46E-06	0.010266	0.007963		
LOAD -P8 -----				
REL DIST	P	M2	M3	V2
0.31211		-0.088865	-0.570923	-0.066144
2.49E-05	-0.125682	-1.650614		
0.48408	-0.088865	-0.570923		-0.066144
2.49E-05	-0.080125	-1.257388		
0.65605	-0.088865	-0.570923		-0.066144
2.49E-05	-0.034568	-0.864161		
0.82803	-0.088865	-0.570923		-0.066144
2.49E-05	0.010989	-0.470935		
1.00000	-0.088865	-0.570923		-0.066144
2.49E-05	0.056546	-0.077708		
LOAD -P9 -----				
REL DIST	P	M2	M3	V2
0.31211		0.167393	1.074576	-0.033798
-1.46E-05	-0.065547	3.092156		
0.48408	0.167393	1.074576		-0.033798
-1.46E-05	-0.042268	2.352036		
0.65605	0.167393	1.074576		-0.033798
-1.46E-05	-0.018990	1.611916		
0.82803	0.167393	1.074576		-0.033798
-1.46E-05	0.004289	0.871796		
1.00000	0.167393	1.074576		-0.033798
-1.46E-05	0.027568	0.131676		
LOAD -P10 -----				
REL DIST	P	M2	M3	V2
0.31211		-0.081892	-0.581106	0.106740
-1.31E-05	0.204602	-1.659088		
0.48408	-0.081892	-0.581106		0.106740
-1.31E-05	0.131085	-1.258848		
0.65605	-0.081892	-0.581106		0.106740
-1.31E-05	0.057567	-0.858088		
Program	SAP2000	Nonlinear	Version	7.42
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< UNEQUAL Page SETTLEMENT 250 >				
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 -A2 -----				
REL DIST	P	M2	M3	V2
0.82803		-0.081892	-0.581106	0.106740
-1.31E-05	-0.015950	-0.458369		
1.00000	-0.081892	-0.581106		0.106740
-1.31E-05	-0.089468	-0.058129		
LOAD -2N+1 -----				
REL DIST	P	M2	M3	V2
0.31211		0.170757	1.152029	-0.040596
-1.18E-05	-0.078920	3.309702		
0.48408	0.170757	1.152029		-0.040596
-1.18E-05	-0.050959	2.516236		
0.65605	0.170757	1.152029		-0.040596
-1.18E-05	-0.022999	1.722770		
0.82803	0.170757	1.152029		-0.040596
-1.18E-05	0.004962	0.929303		
1.00000	0.170757	1.152029		-0.040596
-1.18E-05	0.032922	0.135837		
LOAD -2N+2 -----				
REL DIST	P	M2	M3	V2
0.31211		-0.170757	-1.152029	0.040596

1.18E-05	0.078920	-3.309702		
0.48408	-0.170757	-1.152029		0.040596
1.18E-05	0.050959	-2.516236		
0.65605	-0.170757	-1.152029		0.040596
1.18E-05	0.022999	-1.722770		
0.82803	-0.170757	-1.152029		0.040596
1.18E-05	-0.004962	-0.929303		
1.00000	-0.170757	-1.152029		0.040596
1.18E-05	-0.032922	-0.135837		
COMB SETTLE ----- MAX				
REL DIST	P	M2	M3	V2
0.31211		0.170757	1.152029	0.106740
2.49E-05	0.204602	3.309702		
0.48408	0.170757	1.152029		0.106740
2.49E-05	0.131085	2.516236		
0.65605	0.170757	1.152029		0.106740
2.49E-05	0.057567	1.722770		
0.82803	0.170757	1.152029		0.106740
2.49E-05	0.010989	0.929303		
1.00000	0.170757	1.152029		0.106740
2.49E-05	0.056546	0.135837		
COMB SETTLE ----- MIN				
REL DIST	P	M2	M3	V2
0.31211	-0.170757	-1.152029		-0.066144
2.49E-05	-0.125682	-3.309702		
0.48408	-0.170757	-1.152029		-0.066144
-1.46E-05	-0.080125	-2.516236		
0.65605	-0.170757	-1.152029		-0.066144
-1.46E-05	-0.034568	-1.722770		
0.82803	-0.170757	-1.152029		-0.066144
-1.46E-05	-0.015950	-0.929303		
1.00000	-0.170757	-1.152029		-0.066144
-1.46E-05	-0.089468	-0.135837		
Program SAP2000 Nonlinear Version 7.42				
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< UNEQUAL SETTLEMENT >				
FRAME ELEMENT INTERNAL FORCES				
ELEM	136	LENGTH =		
4.005018				
LOAD -P7-----				
REL DIST	P	M2	M3	V2
0.00000		0.008270	0.066476	0.011219
-4.95E-07	0.009313	0.009491		
0.17197	0.008270	0.066476		0.011219
-4.95E-07	0.001586	-0.036295		
0.34395	0.008270	0.066476		0.011219
-4.95E-07	-0.006141	-0.082081		
0.51592	0.008270	0.066476		0.011219
-4.95E-07	-0.013688	-0.127866		
0.68789	0.008270	0.066476		0.011219
-4.95E-07	-0.021595	-0.173652		
LOAD -P8-----				
REL DIST	P	M2	M3	V2
0.00000	-0.086438	-0.669433		-0.064040
-1.77E-06	-0.053681	-0.086083		
0.17197	-0.086438	-0.669433		-0.064040
-1.77E-06	-0.009572	0.374992		
0.34395	-0.086438	-0.669433		-0.064040
-1.77E-06	0.034536	0.836067		
0.51592	-0.086438	-0.669433		-0.064040
-1.77E-06	0.078644	1.297142		
0.68789	-0.086438	-0.669433		-0.064040
-1.77E-06	0.122752	1.758217		
LOAD -P9-----				
REL DIST	P	M2	M3	V2
0.00000	0.163234	1.220918		-0.036154
-2.98E-05	0.031041	0.136913		
0.17197	0.163234	1.220918		-0.036154
-2.98E-05	-0.006140	-0.702000		
0.34395	0.163234	1.220918		-0.036154
-2.98E-05	0.187161	-1.542913		
0.51592	0.163234	1.220918		-0.036154
-2.98E-05	0.136363	-2.385918		
0.68789	0.163234	1.220918		-0.036154
-2.98E-05	0.068564	-3.224738		
LOAD -P10-----				
REL DIST	P	M2	M3	V2
0.00000	-0.078907	-0.649589		0.108064
3.29E-05	0.091573	-0.058406		
0.17197	-0.078907	-0.649589		0.108064
3.29E-05	0.017143	0.389001		
0.34395	-0.078907	-0.649589		0.108064
3.29E-05	-0.057287	0.836408		
0.51592	-0.078907	-0.649589		0.108064
3.29E-05	-0.131716	1.283815		
0.68789	-0.078907	-0.649589		0.108064
3.29E-05	-0.206146	1.731223		
LOAD -A2-----				
REL DIST	P	M2	M3	V2
0.00000	-0.006158	0.031628		-0.019088
-8.66E-07	-0.001664	0.001664		
0.34395	-0.006158	0.031628		-0.019088
-8.66E-07	0.010131	-0.047482		
0.51592	-0.006158	0.031628		-0.019088
-8.66E-07	0.023278	-0.069266		
0.68789	-0.006158	0.031628		-0.019088
-8.66E-07	0.036425	-0.091049		
LOAD -2N+1-----				
REL DIST	P	M2	M3	V2
0.00000	0.165346	1.319022		-0.044024
-3.11E-05	-0.037892	0.144489		
0.17197	0.165346	1.319022		-0.044024
-3.11E-05	-0.007570	-0.763993		
0.34395	0.165346	1.319022		-0.044024
-3.11E-05	0.022751	-1.672475		
Program SAP2000 Nonlinear Version 7.42				
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< UNEQUAL SETTLEMENT >				
FRAME ELEMENT INTERNAL FORCES				
REL DIST	P	M2	M3	V2
0.51592	0.165346	1.319022		-0.044024
-3.11E-05	0.053073	-2.580958		

REL_DIST	M2	M3	V2	V3
0.31210	-0.061178	-0.976023	0.080297	
1.01E-05	0.154446	-2.530837		
0.48408	-0.061178	-0.976023	0.080297	
1.01E-05	0.099139	-1.858580		
0.65605	-0.061178	-0.976023	0.080297	
1.01E-05	0.043833	-1.186323		
0.82803	-0.061178	-0.976023	0.080297	
1.01E-05	-0.011474	-0.514066		
1.00000	-0.061178	-0.976023	0.080297	
1.01E-05	-0.066780	0.158192		

COMB SETTLE ----- MAX

REL_DIST	M2	M3	V2	V3
0.31210	0.063691	0.976023	0.124294	
2.08E-05	0.238001	2.530837		
0.48408	0.063691	0.976023	0.124294	
2.08E-05	0.152391	1.858580		
0.65605	0.063691	0.976023	0.124294	
2.08E-05	0.066781	1.186323		
0.82803	0.063691	0.976023	0.124294	
2.08E-05	0.011474	0.514066		
1.00000	0.063691	0.976023	0.124294	
2.08E-05	0.066780	0.158192		
Program	SAP2000	Nonlinear	Version	7.42
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FRAME ELEMENT INTERNAL FORCES

COMB SETTLE	MIN
REL_DIST	M2 P M3 V2 V3
0.31210	-0.061178 -0.976023 -0.080297
-1.42E-05	-0.154446 -2.530837 -0.080297
0.48408	-0.061178 -0.976023 -0.080297
-1.42E-05	-0.011339 -1.858580 -0.080297
0.65605	-0.061178 -0.976023 -0.080297
-1.42E-05	-0.043833 -1.186323 -0.080297
0.82803	-0.061178 -0.976023 -0.080297
-1.42E-05	-0.018830 -0.514066 -0.080297
1.00000	-0.061178 -0.976023 -0.080297
-1.42E-05	-0.104400 -0.158192

ELEM 138 ===== LENGTH = 4.005088

LOAD -P7 -----

REL_DIST	M2	M3	V2	V3
0.00000	0.002754	0.034288	0.007315	
-1.37E-06	0.006050	-0.018748		
0.17197	0.002754	0.034288	0.007315	
-1.37E-06	0.001011	-0.042365		
0.34395	0.002754	0.034288	0.007315	
-1.37E-06	-0.004027	-0.065982		
0.51592	0.002754	0.034288	0.007315	
-1.37E-06	-0.009066	-0.089599		
0.68790	0.002754	0.034288	0.007315	
-1.37E-06	-0.014105	-0.113215		

LOAD -P8 -----

REL_DIST	M2	M3	V2	V3
0.00000	-0.020256	-0.380709	-0.042436	
6.47E-06	-0.035527	0.076538		
0.17197	-0.020256	-0.380709	-0.042436	
6.47E-06	-0.006298	0.338759		
0.34395	-0.020256	-0.380709	-0.042436	
6.47E-06	0.022931	0.600981		
0.51592	-0.020256	-0.380709	-0.042436	
6.47E-06	0.052160	0.863202		
0.68790	-0.020256	-0.380709	-0.042436	
6.47E-06	0.081389	1.125423		

LOAD -P9 -----

REL_DIST	M2	M3	V2	V3
0.00000	0.043827	0.718233	-0.068908	
-4.44E-05	-0.058542	-0.114469		
0.17197	0.043827	0.718233	-0.068908	
-4.44E-05	-0.011079	-0.609167		
0.34395	0.043827	0.718233	-0.068908	
-4.44E-05	0.036383	-1.103866		
0.51592	0.043827	0.718233	-0.068908	
-4.44E-05	0.083845	-1.598565		
0.68790	0.043827	0.718233	-0.068908	
-4.44E-05	0.131307	-2.093263		

LOAD -P10 -----

REL_DIST	M2	M3	V2	V3
0.00000	-0.017549	-0.379982	0.125011	
3.82E-05	0.105713	0.073399		
0.17197	-0.017549	-0.379982	0.125011	
3.82E-05	0.019609	0.335120		
0.34395	-0.017549	-0.379982	0.125011	
3.82E-05	-0.066495	0.596841		
0.51592	-0.017549	-0.379982	0.125011	
3.82E-05	-0.152598	0.858562		
0.68790	-0.017549	-0.379982	0.125011	
3.82E-05	-0.238702	1.120283		

LOAD -A2 -----

REL_DIST	M2	M3	V2	V3
0.00000	-0.008776	0.008170	-0.020981	
1.07E-06	-0.017694	-0.016179		
0.17197	-0.008776	0.008170	-0.020981	
1.07E-06	-0.003243	-0.022346		
0.34395	-0.008776	0.008170	-0.020981	
1.07E-06	0.011208	-0.027973		
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FRAME ELEMENT INTERNAL FORCES

REL_DIST	M2	M3	V2	V3
0.51592	-0.008776	0.008170	-0.020981	
1.07E-06	-0.020981	-0.035601		
0.68790	-0.008776	0.008170	-0.020981	
1.07E-06	0.040111	-0.039228		

LOAD -2N+1-----

REL_DIST	M2	M3	V2	V3
0.00000	0.037805	0.760691	-0.082574	
-4.47E-05	-0.070186	-0.149936		
0.17197	0.037805	0.760691	-0.082574	
-4.47E-05	-0.013311	-0.673879		

0.34395	0.037805	0.760691	-0.082574	
-4.47E-05	0.043564	-1.197821		
0.51592	0.037805	0.760691	-0.082574	
-4.47E-05	0.100438	-1.721764		
0.68790	0.037805	0.760691	-0.082574	
-4.47E-05	0.157313	-2.245706		
LOAD	-2N+2-----			
REL_DIST	M2 P M3 V2 V3			
0.00000	-0.037805 -0.760691 0.082574			
4.47E-05	0.070186 0.149936			
0.17197	-0.037805 -0.760691 0.082574			
4.47E-05	0.013311 0.673879			
0.34395	-0.037805 -0.760691 0.082574			
4.47E-05	-0.043564 1.197821			
0.51592	-0.037805 -0.760691 0.082574			
4.47E-05	-0.100438 1.721764			
0.68790	-0.037805 -0.760691 0.082574			
4.47E-05	-0.157313 2.245706			

COMB SETTLE ----- MAX

REL_DIST	M2	M3	V2	V3
0.00000	0.043827	0.760691	0.125011	
4.47E-05	0.105713	0.149936		
0.17197	0.043827	0.760691	0.125011	
4.47E-05	0.019609	0.673879		
0.34395	0.043827	0.760691	0.125011	
4.47E-05	0.043564 1.197821			
0.51592	0.043827	0.760691	0.125011	
4.47E-05	0.100438 1.721764			
0.68790	0.043827	0.760691	0.125011	
4.47E-05	0.157313 2.245706			

COMB SETTLE ----- MIN

REL_DIST	M2	M3	V2	V3
0.00000	-0.037805 -0.760691 -0.082574			
-4.47E-05	-0.070186 -0.149936			
0.17197	-0.037805 -0.760691 -0.082574			
-4.47E-05	-0.013311 -0.673879			
0.34395	-0.037805 -0.760691 -0.082574			
-4.47E-05	-0.066495 -1.197821			
0.51592	-0.037805 -0.760691 -0.082574			
-4.47E-05	-0.152598 -1.721764			
0.68790	-0.037805 -0.760691 -0.082574			
-4.47E-05	-0.238702 -2.245706			

ELEM 139 ===== LENGTH = 4.005207

LOAD -P7 -----

REL_DIST	M2	M3	V2	V3
0.31209	0.000797	0.029511	0.003881	
-2.61E-06	0.007257	0.076574		
0.48407	0.000797	0.029511	0.003881	
-2.61E-06	0.004584	0.056247		
0.65605	0.000797	0.029511	0.003881	
-2.61E-06	0.001911	0.035920		
0.82802	0.000797	0.029511	0.003881	
-2.61E-06	-0.000762	0.015593		
1.00000	0.000797	0.029511	0.003881	
-2.61E-06	-0.004385	-0.004735		
Program	SAP2000	Nonlinear	Version	7.42
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FRAME ELEMENT INTERNAL FORCES

LOAD	-P8
REL_DIST	M2 P M3 V2 V3
0.31209	0.003494 -0.262923 -0.022356
1.54E-05	-0.042127 -0.716913
0.48407	0.003494 -0.262923 -0.022356
1.54E-05	-0.025617 -0.358111
0.65605	0.003494 -0.262923 -0.022356
1.54E-05	-0.011330 -0.354710
0.82802	0.003494 -0.262923 -0.022356
1.54E-05	0.004069 -0.173608
1.00000	0.003494 -0.262923 -0.022356
1.54E-05	0.019468 0.007493

LOAD -P9 -----

REL_DIST	M2	M3	V2	V3
0.31209	-0.002400	0.488128	-0.098190	
-8.25E-06	-0.188472	1.344995		
0.48407	-0.002400	0.488128	-0.098190	
-8.25E-06	-0.120838	1.008772		
0.65605	-0.002400	0.488128	-0.098190	
-8.25E-06	-0.053205	0.672548		
0.82802	-0.002400	0.488128	-0.098190	
-8.25E-06	0.014428	0.336325		
1.00000	-0.002400	0.488128	-0.098190	
-8.25E-06	0.082062	0.000101		

LOAD -P10 -----

REL_DIST	M2	M3	V2	V3
0.31209	0.005044	-0.254226	0.137541	
-1.34E-05	0.263375	-0.700655		
0.48407	0.005044	-0.254226	0.137541	
-1.34E-05	-0.168937	-0.525543		
0.65605	0.005044	-0.254226	0.137541	
-1.34E-05	0.073898	-0.350432		
0.82802	0.005044	-0.254226	0.137541	
-1.34E-05	-0.020840	-0.175320		
1.00000	0.005044	-0.254226	0.137541	
-1.34E-05	-0.115579	-0.000209		

LOAD -A2 -----

REL_DIST	M2	M3	V2	V3
0.31209	-0.006936	-0.000490	-0.020876	
8.88E-06	-0.040033	-0.004002		
0.48407	-0.006936	-0.000490	-0.020876	
8.88E-06	-0.025654	-0.003664		
0.65605	-0.006936	-0.000490	-0.020876	
8.88E-06	-0.011275	-0.003321		
0.82802	-0.006936	-0.000490	-0.020876	
8.88E-06	0.003105	-0.002989		
1.00000	-0.006936	-0.000490	-0.020876	
8.88E-06	0.017484	-0.002651		

LOAD -2N+1-----

REL_DIST	P	V2	V3
T	M2	M3	
0.31209	-0.008538	0.517149	-0.115185
-1.98E-06	-0.221248	1.417568	
0.48407	-0.008538	0.517149	-0.115185
-1.98E-06	-0.141908	1.061355	
0.65605	-0.008538	0.517149	-0.115185
-1.98E-06	-0.062569	0.705142	
0.82802	-0.008538	0.517149	-0.115185
-1.98E-06	0.016771	0.348929	

0.65604	-0.026358	0.246356	-0.139886
9.82E-06	-0.075459	0.336054	
Program	SAP2000	Nonlinear	Version 7.42
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			260
FRAME	ELEMENT	INTERNAL	FORCES
REL_DIST	M2	M3	V2
0.82802	-0.026358	0.246356	-0.139886
9.82E-06	0.020900	0.166355	
1.00000	-0.026358	0.246356	-0.139886
9.82E-06	0.117259	-0.003344	
LOAD	-2N+2-		
REL_DIST	M2	M3	V2
0.31208	0.026358	-0.246356	0.139886
-9.82E-06	0.268176	-0.675452	
0.48406	0.026358	-0.246356	0.139886
-9.82E-06	0.171818	-0.505753	
0.65604	0.026358	-0.246356	0.139886
-9.82E-06	0.075459	-0.336054	
0.82802	0.026358	-0.246356	0.139886
-9.82E-06	-0.020900	-0.166355	
1.00000	0.026358	-0.246356	0.139886
-9.82E-06	0.117259	0.003344	
COMB SETTLE	-----	MAX	
REL_DIST	M2	M3	V2
0.31208	0.026358	0.246356	0.144050
9.82E-06	0.275671	0.675452	
0.48406	0.026358	0.246356	0.144050
9.82E-06	0.176445	0.505753	
0.65604	0.026358	0.246356	0.144050
9.82E-06	0.077218	0.336054	
0.82802	0.026358	0.246356	0.144050
9.82E-06	0.020900	0.167678	
1.00000	0.026358	0.246356	0.144050
9.82E-06	0.117259	0.004471	
COMB SETTLE	-----	MIN	
REL_DIST	M2	M3	V2
0.31208	-0.026358	-0.246356	-0.139886
-1.53E-05	-0.268176	-0.675452	
-1.53E-05	-0.026358	-0.246356	-0.139886
-1.53E-05	-0.171818	-0.505753	
-1.53E-05	-0.026358	-0.246356	-0.139886
-1.53E-05	-0.075459	-0.336054	
0.82802	-0.026358	-0.246356	-0.139886
-1.53E-05	-0.022009	-0.166355	
1.00000	-0.026358	-0.246356	-0.139886
-1.53E-05	-0.121235	-0.003344	
ELEM	142	=====	LENGTH =
4.004362			
LOAD	-P7		
REL_DIST	M2	M3	V2
0.00000	-0.001579	0.015729	0.000208
-6.66E-07	0.000125	-0.002274	
0.17196	-0.001579	0.015729	0.000208
-6.66E-07	-0.013195	-0.013195	
0.34392	-0.001579	0.015729	0.000208
-6.66E-07	-0.000161	-0.023936	
0.51588	-0.001579	0.015729	0.000208
-6.66E-07	-0.000304	-0.034767	
0.68784	-0.001579	0.015729	0.000208
-6.66E-07	-0.000448	-0.045598	
LOAD	-P8		
REL_DIST	M2	M3	V2
0.00000	0.016675	-0.133159	-0.003251
4.98E-06	-0.002725	-0.000458	
0.17196	0.016675	-0.133159	-0.003251
4.98E-06	-0.000487	0.091234	
0.34392	0.016675	-0.133159	-0.003251
4.98E-06	0.001752	0.182926	
0.51588	0.016675	-0.133159	-0.003251
4.98E-06	0.003991	0.274618	
0.68784	0.016675	-0.133159	-0.003251
4.98E-06	0.006230	0.366310	
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FRAME	ELEMENT	INTERNAL	FORCES
LOAD	-P9		
REL_DIST	M2	M3	V2
0.00000	-0.027259	0.241735	-0.122539
-4.70E-05	-0.103388	0.002314	
0.17196	-0.027259	0.241735	-0.122539
-4.70E-05	-0.019009	-0.164142	
0.34392	-0.027259	0.241735	-0.122539
-4.70E-05	0.065371	-0.303598	
0.51588	-0.027259	0.241735	-0.122539
-4.70E-05	0.149750	-0.497054	
0.68784	-0.027259	0.241735	-0.122539
-4.70E-05	0.234129	-0.663510	
LOAD	-P10		
REL_DIST	M2	M3	V2
0.00000	0.016056	-0.113817	0.144175
4.29E-05	0.121564	0.004192	
0.17196	0.016056	-0.113817	0.144175
-4.29E-05	0.022286	0.082566	
0.34392	0.016056	-0.113817	0.144175
4.29E-05	-0.076992	0.160939	
0.51588	0.016056	-0.113817	0.144175
4.29E-05	-0.176270	0.239313	
0.68784	0.016056	-0.113817	0.144175
4.29E-05	-0.275548	0.317886	
LOAD	-A2		
REL_DIST	M2	M3	V2
0.00000	-0.003893	-0.010488	-0.018593
-1.84E-07	-0.015576	-0.003775	
0.17196	-0.003893	-0.010488	-0.018593
-1.84E-07	-0.002773	0.003447	
0.34392	-0.003893	-0.010488	-0.018593
-1.84E-07	0.010069	0.010669	
0.51588	-0.003893	-0.010488	-0.018593
-1.84E-07	0.022833	-0.017891	
0.68784	-0.003893	-0.010488	-0.018593
-1.84E-07	0.035636	0.025113	

LOAD	-2N+1-		
REL_DIST	M2	M3	V2
0.00000	-0.032731	0.246976	-0.140924
-4.78E-05	-0.118838	-0.003734	
0.17196	-0.032731	0.246976	-0.140924
-4.78E-05	-0.021799	-0.173800	
0.34392	-0.032731	0.246976	-0.140924
-4.78E-05	0.075240	-0.343865	
0.51588	-0.032731	0.246976	-0.140924
-4.78E-05	0.172279	-0.513930	
0.68784	-0.032731	0.246976	-0.140924
-4.78E-05	0.269317	-0.683996	
LOAD	-2N+2-		
REL_DIST	M2	M3	V2
0.00000	0.032731	-0.246976	0.140924
4.78E-05	0.118838	0.003734	
0.17196	0.032731	-0.246976	0.140924
4.78E-05	0.021799	0.173800	
0.34392	0.032731	-0.246976	0.140924
4.78E-05	-0.075240	0.343865	
0.51588	0.032731	-0.246976	0.140924
4.78E-05	-0.172279	0.513930	
0.68784	0.032731	-0.246976	0.140924
4.78E-05	-0.269317	0.683996	
COMB SETTLE	-----	MAX	
REL_DIST	M2	M3	V2
0.00000	0.032731	0.246976	0.144175
4.78E-05	0.121564	0.004192	
0.17196	0.032731	0.246976	0.144175
4.78E-05	0.022286	0.173800	
0.34392	0.032731	0.246976	0.144175
4.78E-05	0.075240	0.343865	
0.51588	0.032731	0.246976	0.144175
4.78E-05	0.172279	0.513930	
0.68784	0.032731	0.246976	0.144175
4.78E-05	0.269317	0.683996	
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FRAME	ELEMENT	INTERNAL	FORCES
COMB SETTLE	-----	MIN	
REL_DIST	M2	M3	V2
0.00000	-0.032731	-0.246976	-0.140924
-4.78E-05	-0.118838	-0.003775	
0.17196	-0.032731	-0.246976	-0.140924
-4.78E-05	-0.021799	-0.173800	
-4.78E-05	-0.032731	-0.246976	-0.140924
-4.78E-05	-0.075240	-0.343865	
-4.78E-05	-0.172279	-0.513930	
-4.78E-05	-0.269317	-0.683996	
-4.78E-05	-0.275548	-0.683996	
ELEM	143	=====	LENGTH =
4.004559			
LOAD	-P7		
REL_DIST	M2	M3	V2
0.31214	-0.000552	0.007831	-0.002128
7.08E-07	-0.004168	0.019098	
0.48411	-0.000552	0.007831	-0.002128
7.08E-07	-0.002703	0.013708	
0.65607	-0.000552	0.007831	-0.002128
7.08E-07	-0.001237	0.008313	
0.82804	-0.000552	0.007831	-0.002128
7.08E-07	0.000229	0.002921	
1.00000	-0.000552	0.007831	-0.002128
7.08E-07	0.001695	-0.002472	
LOAD	-P8		
REL_DIST	M2	M3	V2
0.31214	0.007368	-0.060616	0.010410
4.98E-06	-0.002243	-0.162383	
0.48411	0.007368	-0.060616	0.010410
-2.04E-06	0.013074	-0.120641	
0.65607	0.007368	-0.060616	0.010410
-2.04E-06	0.005905	-0.078898	
0.82804	0.007368	-0.060616	0.010410
-2.04E-06	-0.031264	-0.071756	
1.00000	0.007368	-0.060616	0.010410
-2.04E-06	-0.008434	0.004586	
LOAD	-P9		
REL_DIST	M2	M3	V2
0.31214	-0.007969	0.079115	-0.137957
1.10E-05	-0.263961	0.218406	
0.48411	-0.007969	0.079115	-0.137957
1.10E-05	-0.169959	0.163925	
0.65607	-0.007969	0.079115	-0.137957
1.10E-05	-0.073955	0.109443	
0.82804	-0.007969	0.079115	-0.137957
1.10E-05	0.021048	0.054962	
1.00000	-0.007969	0.079115	-0.137957
1.10E-05	0.116051	0.000480	
LOAD	-P10		
REL_DIST	M2	M3	V2
0.31214	0.001977	0.001864	0.143804
-1.40E-05	0.274933	0.002788	
0.48411	0.001977	0.001864	0.143804
-1.40E-05	0.175904	0.001504	
0.65607	0.001977	0.001864	0.143804
-1.40E-05	0.007675	0.000220	
0.82804	0.001977	0.001864	0.143804
-1.40E-05	0.022154	-0.001064	
1.00000	0.001977	0.001864	0.143804
-1.40E-05	-0.121184	-0.002348	
LOAD	-A2		
REL_DIST	M2	M3	V2
0.31214	-0.000824	-0.028194	-0.014129
4.31E-06	-0.027047	-0.077909	
0.48411	-0.000824	-0.028194	-0.014129
4.31E-06	-0.017917	-0.058493	
0.65607	-0.000824	-0.028194	-0.014129
4.31E-06	-0.007588	-0.039078	
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FRAME	ELEMENT	INTERNAL	FORCES

REL_DIST		P	V2	V3
T	M2	M3		
0.82804	-0.000824	-0.028194		-0.014129
4.31E-06	0.002142	-0.019663		
1.00000	-0.000824	-0.028194		-0.014129
4.31E-06	0.011872	-0.000247		
LOAD -2N+1- -----				
REL_DIST		P	V2	V3
T	M2	M3		
0.31214	-0.009345	0.058751		-0.154215
1.60E-05	-0.295176	0.159595		
0.48411	-0.009345	0.058751		-0.154215
1.60E-05	-0.189978	0.119137		
0.65607	-0.009345	0.058751		-0.154215
1.60E-05	-0.082779	0.078678		
0.82804	-0.009345	0.058751		-0.154215
1.60E-05	0.023419	0.038220		
1.00000	-0.009345	0.058751		-0.154215
1.60E-05	0.129617	-0.002239		
LOAD -2N+2- -----				
REL_DIST		P	V2	V3
T	M2	M3		
0.31214	0.009345	-0.058751		0.154215
-1.60E-05	0.295176	-0.159595		
0.48411	0.009345	-0.058751		0.154215
-1.60E-05	0.189978	-0.119137		
0.65607	0.009345	-0.058751		0.154215
-1.60E-05	0.082779	-0.078678		
0.82804	0.009345	-0.058751		0.154215
-1.60E-05	-0.023419	-0.038220		
1.00000	0.009345	-0.058751		0.154215
-1.60E-05	-0.129617	0.002239		
COMB SETTLE ----- MAX				
REL_DIST		P	V2	V3
T	M2	M3		
0.31214	0.009345	0.079115		0.154215
1.60E-05	0.295176	0.218406		
0.48411	0.009345	0.079115		0.154215
1.60E-05	0.189978	0.163925		
0.65607	0.009345	0.079115		0.154215
1.60E-05	0.082779	0.109443		
0.82804	0.009345	0.079115		0.154215
-1.60E-05	0.023419	0.054962		
1.00000	0.009345	0.079115		0.154215
1.60E-05	0.129617	0.004586		
COMB SETTLE ----- MIN				
REL_DIST		P	V2	V3
T	M2	M3		
0.31214	-0.009345	-0.060616		-0.154215
-1.60E-05	-0.295176	-0.162383		
0.48411	-0.009345	-0.060616		-0.154215
-1.60E-05	-0.189978	-0.119137		
0.65607	-0.009345	-0.060616		-0.154215
-1.60E-05	-0.082779	-0.078698		
0.82804	-0.009345	-0.060616		-0.154215
-1.60E-05	-0.023419	-0.038220		
1.00000	-0.009345	-0.060616		-0.154215
-1.60E-05	-0.129617	-0.002472		
ELEM 144 ===== LENGTH =				
4.005557				
LOAD -P7 -----				
REL_DIST		P	V2	V3
T	M2	M3		
0.00000	-0.001321	0.007898		-0.002372
-8.09E-08	-0.002034	-0.001920		
0.17198	-0.001321	0.007898		-0.002372
-8.09E-08	-0.002034	-0.001920		
0.34397	-0.001321	0.007898		-0.002372
-8.09E-08	-0.001234	-0.012802		
0.51595	-0.001321	0.007898		-0.002372
-8.09E-08	-0.002868	-0.018243		
0.68793	-0.001321	0.007898		-0.002372
-8.09E-08	-0.004502	-0.023685		
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LOAD -P8 -----				
REL_DIST		P	V2	V3
T	M2	M3		
0.00000	0.011602	-0.061008		0.010968
1.83E-06	0.009220	0.001541		
0.17198	0.011602	-0.061008		0.010968
1.83E-06	0.001664	0.043569		
0.19397	0.011602	-0.061008		0.010968
1.83E-06	-0.005892	0.085597		
0.51595	0.011602	-0.061008		0.010968
1.83E-06	-0.013448	0.127625		
0.68793	0.011602	-0.061008		0.010968
1.83E-06	-0.021004	0.196953		
LOAD -P9 -----				
REL_DIST		P	V2	V3
T	M2	M3		
0.00000	-0.012011	0.080223		-0.137818
-4.37E-05	0.116183	-0.002030		
0.17198	-0.012011	0.080223		-0.137818
-4.37E-05	-0.021242	-0.057294		
0.34397	-0.012011	0.080223		-0.137818
-4.37E-05	0.073699	-0.112559		
0.51595	-0.012011	0.080223		-0.137818
-4.37E-05	0.001337	-0.162474		
0.68793	-0.012011	0.080223		-0.137818
-4.37E-05	0.263582	-0.223088		
LOAD -P10 -----				
REL_DIST		P	V2	V3
T	M2	M3		
0.00000	0.000594	0.000555		0.143100
4.33E-05	0.120554	0.004904		
0.17198	0.000594	0.000555		0.143100
4.33E-05	0.021973	0.004521		
0.34397	0.000594	0.000555		0.143100
4.33E-05	-0.076807	0.004139		
0.51595	0.000594	0.000555		0.143100
4.33E-05	-0.175187	0.003756		
0.68793	0.000594	0.000555		0.143100
4.33E-05	-0.273768	0.003374		
LOAD -A2 -----				
REL_DIST		P	V2	V3
T	M2	M3		
0.00000	0.001137	-0.027668		-0.013879
-1.35E-06	-0.011556	-0.002499		
0.17198	0.001137	-0.027668		-0.013879
-1.35E-06	-0.001995	0.016565		
0.34397	0.001137	-0.027668		-0.013879
-1.35E-06	0.007566	0.035626		

0.31213		M2		M3		
5.14E-07		0.004155		-0.056978		-0.007189
0.48409		0.004155		-0.168498		
5.14E-07		0.004155		-0.056978		-0.007189
0.65606		-0.008827		-0.129527		
5.14E-07		0.004155		-0.056978		-0.007189
0.82803		0.004155		-0.056978		-0.007189
5.14E-07		0.001075		-0.050776		
1.00000		0.004155		-0.056978		-0.007189
5.14E-07		0.006026		-0.011535		
LOAD -2N+1-----						
REL_DIST		M2		M3		V3
0.31213		0.006476		-0.091479		-0.157674
2.03E-05		-0.301638		-0.267729		
0.48409		0.006476		-0.091479		-0.157674
2.03E-05		-0.193048		-0.204727		
0.65606		0.006476		-0.091479		-0.157674
2.03E-05		-0.084458		-0.141726		
0.82803		0.006476		-0.091479		-0.157674
2.03E-05		0.024132		-0.078725		
1.00000		0.006476		-0.091479		-0.157674
2.03E-05		0.132722		-0.015723		
LOAD -2N+2-----						
REL_DIST		M2		M3		V3
0.31213		-0.006476		0.091479		0.157674
2.03E-05		0.301638		0.267729		
0.48409		0.006476		0.091479		0.157674
2.03E-05		0.193048		0.204727		
0.65606		-0.006476		0.091479		0.157674
2.03E-05		0.084458		0.141726		
0.82803		-0.006476		0.091479		0.157674
2.03E-05		-0.024132		0.078725		
1.00000		-0.024132		0.091479		0.157674
2.03E-05		-0.132722		0.015723		
COMB SETTLE ----- MAX						
REL_DIST		M2		M3		V3
0.31213		0.006476		0.109391		0.157674
2.03E-05		0.301638		0.319025		
0.48409		0.006476		0.109391		0.157674
2.03E-05		0.193048		0.243687		
0.65606		0.006476		0.109391		0.157674
2.03E-05		0.084458		0.168350		
0.82803		-0.006476		0.109391		0.157674
2.03E-05		0.024132		0.093013		
1.00000		0.006476		0.109391		0.157674
2.03E-05		0.132722		0.017676		
COMB SETTLE ----- MIN						
REL_DIST		M2		M3		V3
0.31213		-0.008883		-0.091479		-0.157674
2.03E-05		-0.301638		-0.267729		
0.48409		-0.008883		-0.091479		-0.157674
2.03E-05		-0.193048		-0.204727		
0.65606		-0.008883		-0.091479		-0.157674
2.03E-05		-0.084458		-0.141726		
0.82803		-0.008883		-0.091479		-0.157674
2.03E-05		-0.024132		-0.078725		
1.00000		-0.008883		-0.091479		-0.157674
2.03E-05		-0.132722		-0.015723		
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FRAME ELEMENT INTERNAL FORCES						
ELEM 146		===== LENGTH = 4.004797				
LOAD -P7-----						
REL_DIST		M2		M3		V3
0.00000		-0.000734		0.003799		-0.004298
1.49E-07		-0.003646		-0.000387		
0.17197		-0.000734		0.003799		-0.004298
1.49E-07		-0.000686		-0.003004		
0.34394		-0.000734		0.003799		-0.004298
1.49E-07		0.002275		-0.005620		
0.51591		-0.000734		0.003799		-0.004298
1.49E-07		0.005235		-0.008237		
0.68787		-0.000734		0.003799		-0.004298
1.49E-07		0.008195		-0.010853		
LOAD -P8-----						
REL_DIST		M2		M3		V3
0.00000		0.005169		-0.024184		0.021592
4.68E-07		0.018141		-0.003706		
0.17197		0.005169		-0.024184		0.021592
4.68E-07		0.003270		0.012950		
0.34394		0.005169		-0.024184		0.021592
4.68E-07		-0.011601		0.029605		
0.51591		0.005169		-0.024184		0.021592
4.68E-07		-0.026471		0.046261		
0.68787		0.005169		-0.024184		0.021592
4.68E-07		-0.041342		0.062917		
LOAD -P9-----						
REL_DIST		M2		M3		V3
0.00000		0.000751		-0.042909		-0.145856
-4.32E-05		-0.122847		-0.008316		
0.17197		0.000751		-0.042909		-0.145856
-4.32E-05		-0.022396		0.021235		
0.34394		0.000751		-0.042909		-0.145856
-4.32E-05		0.078055		0.050787		
0.51591		0.000751		-0.042909		-0.145856
-4.32E-05		0.178505		0.080338		
0.68787		0.000751		-0.042909		-0.145856
-4.32E-05		0.278956		0.109890		
LOAD -P10-----						
REL_DIST		M2		M3		V3
0.00000		-0.011388		0.135267		0.135398
4.57E-05		0.113898		0.026667		
0.17197		-0.011388		0.135267		0.135398
4.57E-05		0.020650		-0.066491		
0.34394		-0.011388		0.135267		0.135398
4.57E-05		-0.072599		-0.159649		
0.51591		-0.011388		0.135267		0.135398
4.57E-05		-0.165848		-0.252807		
0.68787		-0.011388		0.135267		0.135398
4.57E-05		-0.259097		-0.345965		
LOAD -A2-----						
REL_DIST		M2		M3		V3
0.00000		0.006201		-0.071972		-0.006837
-3.13E-06		-0.005546		-0.014257		
0.17197		0.006201		-0.071972		-0.006837

T	M2	M3	
-3.13E-06	-0.000837	0.035310	
0.34394	0.006201	-0.071972	-0.006837
-3.13E-06	0.003871	0.084877	
0.51591	0.006201	-0.071972	-0.006837
-3.13E-06	0.008579	0.134445	
0.68787	0.006201	-0.071972	-0.006837
-3.13E-06	0.013287	0.184012	
LOAD -2N+1-----			
REL_DIST	M2	M3	V3
0.00000	0.006219	-0.111082	-0.156991
-4.62E-05	-0.132039	-0.022961	
0.17197	0.006219	-0.111082	-0.156991
-4.62E-05	-0.023919	0.053542	
0.34394	0.006219	-0.111082	-0.156991
-4.62E-05	0.084200	0.130044	
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	M3	V3
0.51591	0.006219	-0.111082	-0.156991
-4.62E-05	0.192319	0.206546	
0.68787	0.006219	-0.111082	-0.156991
-4.62E-05	0.300439	0.283049	
LOAD -2N+2-----			
REL_DIST	M2	M3	V3
0.00000	-0.006219	0.111082	0.156991
4.62E-05	0.132039	0.022961	
0.17197	-0.006219	0.111082	0.156991
4.62E-05	0.023919	-0.053542	
0.34394	-0.006219	0.111082	0.156991
4.62E-05	-0.084200	-0.130044	
0.51591	-0.006219	0.111082	0.156991
4.62E-05	-0.192319	-0.206546	
0.68787	-0.006219	0.111082	0.156991
4.62E-05	-0.300439	-0.283049	
COMB SETTLE ----- MAX			
REL_DIST	M2	M3	V3
0.00000	0.006219	0.135267	0.156991
4.62E-05	0.132039	0.026667	
0.17197	0.006219	0.135267	0.156991
4.62E-05	0.023919	0.053542	
0.34394	0.006219	0.135267	0.156991
4.62E-05	0.084200	0.130044	
0.51591	0.006219	0.135267	0.156991
4.62E-05	0.192319	0.206546	
0.68787	0.006219	0.135267	0.156991
4.62E-05	0.300439	0.283049	
COMB SETTLE ----- MIN			
REL_DIST	M2	M3	V3
0.00000	-0.011388	-0.111082	-0.156991
-4.62E-05	-0.132039	-0.022961	
0.17197	-0.011388	-0.111082	-0.156991
-4.62E-05	-0.023919	0.066491	
0.34394	-0.011388	-0.111082	-0.156991
-4.62E-05	-0.084200	-0.159649	
0.51591	-0.011388	-0.111082	-0.156991
-4.62E-05	-0.192319	-0.252807	
0.68787	-0.011388	-0.111082	-0.156991
-4.62E-05	-0.300439	-0.345965	
ELEM 147 ===== LENGTH = 4.005101			
LOAD -P7-----			
REL_DIST	M2	M3	V3
0.31210	0.000374	0.001088	-0.005516
2.64E-06	-0.010600	-7.83E-05	
0.48408	0.000374	0.001088	-0.005516
2.64E-06	-0.006801	-0.000827	
0.65605	0.000374	0.001088	-0.005516
2.64E-06	-0.000374	-0.001577	
0.82803	0.000374	0.001088	-0.005516
2.64E-06	0.000798	-0.002326	
1.00000	0.000374	0.001088	-0.005516
2.64E-06	0.004598	-0.003075	
LOAD -P8-----			
REL_DIST	M2	M3	V3
0.31210	-0.002298	-0.003297	0.028908
-1.28E-05	0.055411	0.004250	
0.48408	-0.002298	-0.003297	0.028908
-1.28E-05	0.035499	0.006521	
0.65605	-0.002298	-0.003297	0.028908
-1.28E-05	0.015588	0.008792	
0.82803	-0.002298	-0.003297	0.028908
-1.28E-05	0.040424	0.011633	
1.00000	-0.002298	-0.003297	0.028908
-1.28E-05	0.022435	0.013334	
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FRAME ELEMENT INTERNAL FORCES			
LOAD -P9	=====		
REL_DIST	M2	M3	V3
0.31210	0.013069	-0.156953	-0.147162
1.68E-05	-0.281317	-0.427377	
0.48408	0.013069	-0.156953	-0.147162
1.68E-05	-0.179956	-0.319274	
0.65605	0.013069	-0.156953	-0.147162
1.68E-05	-0.078595	-0.211168	
0.82803	0.013069	-0.156953	-0.147162
1.68E-05	0.022767	-0.103063	
1.00000	0.013069	-0.156953	-0.147162
1.68E-05	0.124128	0.005042	
LOAD -P10-----			
REL_DIST	M2	M3	V3
0.31210	-0.016525	0.310692	0.121321
-5.18E-07	0.231819	0.819284	
0.48408	-0.016525	0.310692	0.121321
-5.18E-07	0.148256	0.605286	
0.65605	-0.016525	0.310692	0.121321
-5.18E-07	0.064693	0.391289	
0.82803	-0.016525	0.310692	0.121321
-5.18E-07	-0.018870	0.177292	
1.00000	-0.016525	0.310692	0.121321
-5.18E-07	-0.102433	-0.036706	

LOAD -A2-----				
REL_DIST	M2	M3	V2	V3
0.31210	0.005379	-0.151530		0.002448
-5.97E-06	0.004687	-0.396077		
0.48408	0.005379	-0.151530		0.002448
-5.97E-06	0.003001	-0.291706		
0.65605	0.005379	-0.151530		0.002448
-5.97E-06	0.001315	-0.187336		
0.82803	0.005379	-0.151530		0.002448
-5.97E-06	-0.000372	-0.082966		
1.00000	0.005379	-0.151530		0.002448
-5.97E-06	-0.002058	0.021404		
LOAD -2N+1-----				
REL_DIST	M2	M3	V2	V3
0.31210	0.018822	-0.307395		-0.150230
1.33E-05	-0.287230	-0.823534		
0.48408	0.018822	-0.307395		-0.150230
1.33E-05	-0.183756	-0.611807		
0.65605	0.018822	-0.307395		-0.150230
1.33E-05	-0.080281	-0.400081		
0.82803	0.018822	-0.307395		-0.150230
1.33E-05	0.023193	-0.188355		
1.00000	0.018822	-0.307395		-0.150230
1.33E-05	0.126668	0.023372		
LOAD -2N+2-----				
REL_DIST	M2	M3	V2	V3
0.31210	-0.018822	0.307395		0.150230
-1.33E-05	0.287230	0.823534		
0.48408	-0.018822	0.307395		0.150230
-1.33E-05	0.183756	0.611807		
0.65605	-0.018822	0.307395		0.150230
1.33E-05	0.080281	0.400081		
0.82803	-0.018822	0.307395		0.150230
-1.33E-05	-0.023193	0.188355		
1.00000	-0.018822	0.307395		0.150230
-1.33E-05	-0.126668	-0.023372		
COMB SETTLE ----- MAX				
REL_DIST	M2	M3	V2	V3
0.31210	0.018822	0.310692		0.150230
1.66E-05	0.287230	0.823534		
0.48408	0.018822	0.310692		0.150230
1.66E-05	0.183756	0.611807		
0.65605	0.018822	0.310692		0.150230
1.66E-05	0.080281	0.400081		
0.82803	0.018822	0.310692		0.150230
1.66E-05	0.023193	0.188355		
1.66E-05	0.126668	0.023372		0.150230
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FRAME ELEMENT INTERNAL FORCES				
COMB SETTLE ----- MIN				
REL_DIST	M2	M3	V2	V3
0.31210	-0.018822	-0.307395		-0.150230
-1.33E-05	-0.287230	-0.823534		
0.48408	-0.018822	-0.307395		-0.150230
-1.33E-05	-0.183756	-0.611807		
0.65605	-0.018822	-0.307395		-0.150230
-1.33E-05	-0.080281	-0.400081		
0.82803	-0.018822	-0.307395		-0.150230
-1.33E-05	-0.023193	-0.188355		
1.00000	-0.018822	-0.307395		-0.150230
-1.33E-05	-0.126668	-0.036706		
ELEM	148	LENGTH=		
4.005078				
LOAD -P7-----				
REL_DIST	M2	M3	V2	V3
0.00000	-0.000125	-0.002017		-0.005603
6.16E-07	-0.004726	-0.002991		
0.17197	-0.000125	-0.002017		-0.005603
6.16E-07	-0.000867	-0.001602		
0.34395	-0.000125	-0.002017		-0.005603
6.16E-07	0.002992	-0.000213		
0.51592	-0.000125	-0.002017		-0.005603
6.16E-07	0.006895	0.001176		
0.68790	-0.000125	-0.002017		-0.005603
6.16E-07	0.010710	0.002565		
LOAD -P8-----				
REL_DIST	M2	M3	V2	V3
0.00000	0.000443	0.013482		0.028805
-2.19E-06	0.024140	0.012830		
0.17197	0.000443	0.013482		0.028805
-2.19E-06	0.004300	0.003545		
0.34395	0.000443	0.013482		0.028805
-2.19E-06	0.015540	-0.005741		
0.51592	0.000443	0.013482		0.028805
-2.19E-06	-0.003580	-0.015027		
0.68790	0.000443	0.013482		0.028805
-2.19E-06	-0.005521	-0.024313		
LOAD -P9-----				
REL_DIST	M2	M3	V2	V3
0.00000	0.014355	-0.151882		-0.146106
-3.89E-05	-0.223931	-0.002086		
0.17197	0.014355	-0.151882		-0.146106
-3.89E-05	-0.223931	0.102526		
0.34395	0.014355	-0.151882		-0.146106
-3.89E-05	0.078333	0.207137		
0.51592	0.014355	-0.151882		-0.146106
-3.89E-05	0.178966	-0.387296		
0.68790	0.014355	-0.151882		-0.146106
-3.89E-05	0.279600	0.416360		
LOAD -P10-----				
REL_DIST	M2	M3	V2	V3
0.00000	-0.025221	0.262335		0.119977
4.36E-05	0.100792	-0.025919		
0.17197	-0.025221	0.262335		0.119977
4.36E-05	0.018160	-0.206607		
0.34395	-0.025221	0.262335		0.119977
4.36E-05	-0.064472	-0.387296		
0.51592	-0.025221	0.262335		0.119977
4.36E-05	-0.147105	-0.567984		
0.68790	-0.025221	0.262335		0.119977
4.36E-05	-0.229737	-0.748673		
LOAD -A2-----				
REL_DIST	M2	M3	V2	V3

0.82804	0.004540	0.583028	0.099643
3.89E-06	-0.015977	0.325938	
1.00000	0.004540	0.583028	0.099643
3.89E-06	-0.084592	-0.075539	
LOAD -A2-----			
REL_DIST	M2	M3	V2
T			
0.31215	-0.006005	-0.284134	
-9.06E-06	0.027627	-0.749855	0.014347
0.48412	-0.006005	-0.284134	0.014347
-9.06E-06	0.017747	-0.554199	
0.65608	-0.006005	-0.284134	0.014347
-9.06E-06	0.007867	-0.358542	
0.82804	-0.006005	-0.284134	0.014347
-9.06E-06	-0.020212	-0.162885	
1.00000	-0.006005	-0.284134	0.014347
-9.06E-06	-0.011892	0.032772	
LOAD -2N+1-----			
REL_DIST	M2	M3	V2
T			
0.31215	-0.001301	-0.630155	-0.132430
1.07E-05	-0.252588	-1.645660	
0.48412	-0.001301	-0.630155	-0.132430
-1.07E-05	-0.161396	-1.211730	
0.65608	-0.001301	-0.630155	-0.132430
1.07E-05	-0.070204	-0.777801	
0.82804	-0.001301	-0.630155	-0.132430
1.07E-05	0.020988	-0.343871	
1.00000	-0.001301	-0.630155	-0.132430
1.07E-05	0.112179	0.090059	
LOAD -2N+2-----			
REL_DIST	M2	M3	V2
T			
0.31215	0.001301	0.630155	0.132430
-1.07E-05	0.252588	1.645660	
0.48412	0.001301	0.630155	0.132430
-1.07E-05	0.161396	1.211730	
0.65608	0.001301	0.630155	0.132430
-1.07E-05	0.070204	0.777801	
0.82804	0.001301	0.630155	0.132430
-1.07E-05	-0.020988	0.343871	
1.00000	0.001301	0.630155	0.132430
-1.07E-05	-0.112179	-0.090059	
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FRAME ELEMENT INTERNAL FORCES			
COMB SETTLE ----- MAX			
REL_DIST	M2	M3	V2
T			
0.31215	0.004540	0.630155	0.132430
1.68E-05	0.252588	1.645660	
0.48412	0.004540	0.630155	0.132430
-1.68E-05	0.161396	1.211730	
0.65608	0.004540	0.630155	0.132430
1.68E-05	0.070204	0.777801	
0.82804	0.004540	0.630155	0.132430
1.68E-05	0.022072	0.343871	
1.00000	0.004540	0.630155	0.132430
1.68E-05	0.118856	0.090059	
COMB SETTLE ----- MIN			
REL_DIST	M2	M3	V2
T			
0.31215	-0.006005	-0.630155	-0.140550
-1.46E-05	-0.268280	-1.645660	
0.48412	-0.006005	-0.630155	-0.140550
-1.46E-05	-0.171496	-1.211730	
0.65608	-0.006005	-0.630155	-0.140550
-1.46E-05	-0.074712	-0.777801	
0.82804	-0.006005	-0.630155	-0.140550
-1.46E-05	-0.020988	-0.343871	
1.00000	-0.006005	-0.630155	-0.140550
-1.46E-05	-0.112179	-0.090059	
ELEM 150 ===== LENGTH = 4.005428			
LOAD -P7-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.000673	-0.004748	-0.006235
8.02E-07	-0.005242	0.002286	
0.17198	0.000673	-0.004748	-0.006235
8.02E-07	-0.000948	0.005557	
0.34396	0.000673	-0.004748	-0.006235
8.02E-07	0.003347	0.008828	
0.51594	0.000673	-0.004748	-0.006235
8.02E-07	0.007642	0.012095	
0.68792	0.000673	-0.004748	-0.006235
8.02E-07	0.011937	0.015370	
LOAD -P8-----			
REL_DIST	M2	M3	V2
T			
0.00000	-0.003476	0.029807	0.032333
-3.35E-06	0.027046	-0.013611	
0.17198	-0.003476	0.029807	0.032333
-3.35E-06	0.004773	-0.034144	
0.34396	-0.003476	0.029807	0.032333
-3.35E-06	-0.017499	-0.054677	
0.51594	-0.003476	0.029807	0.032333
-3.35E-06	-0.039772	-0.075210	
0.68792	-0.003476	0.029807	0.032333
-3.35E-06	-0.062045	-0.095743	
LOAD -P9-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.0111301	-0.260037	-0.138680
-3.83E-05	0.0111301	-0.045978	
0.17198	0.0111301	-0.260037	-0.138680
-3.83E-05	-0.021126	0.225106	
0.34396	0.0111301	-0.260037	-0.138680
-3.83E-05	0.074405	0.404235	
0.51594	0.0111301	-0.260037	-0.138680
-3.83E-05	0.153836	0.465556	
0.68792	0.0111301	-0.260037	-0.138680
-3.83E-05	0.265467	0.762491	
LOAD -P10-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.009262	0.465566	0.097563
4.59E-05	0.082022	-0.064494	
0.17198	0.009262	0.465566	0.097563
4.59E-05	0.014815	-0.385264	
0.34396	0.009262	0.465566	0.097563
4.59E-05	-0.052392	-0.706035	
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	M3	V2
T			
0.51594	-0.009262	0.465566	0.097563
4.59E-05	-0.119593	-0.026804	
0.68792	-0.009262	0.465566	0.097563
4.59E-05	-0.186806	-1.347576	
LOAD -A2-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.000764	-0.230678	0.015019
-5.05E-06	0.012830	0.029841	
0.17198	0.000764	-0.230678	0.015019
-5.05E-06	0.002485	0.188745	
0.34396	0.000764	-0.230678	0.015019
-5.05E-06	-0.007861	0.347649	
0.51594	0.000764	-0.230678	0.015019
-5.05E-06	-0.018207	0.506553	
0.68792	0.000764	-0.230678	0.015019
-5.05E-06	-0.028553	0.665458	
LOAD -2N+1-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.012738	-0.495464	-0.129896
-4.26E-05	0.109068	0.078105	
0.17198	0.012738	-0.495464	-0.129896
-4.26E-05	-0.019589	0.419408	
0.34396	0.012738	-0.495464	-0.129896
-4.26E-05	0.068991	0.760712	
0.51594	0.012738	-0.495464	-0.129896
-4.26E-05	0.159371	1.102015	
0.68792	0.012738	-0.495464	-0.129896
-4.26E-05	0.248851	1.443319	
LOAD -2N+2-----			
REL_DIST	M2	M3	V2
T			
0.00000	-0.012738	0.495464	0.129896
4.26E-05	0.109068	-0.078105	
0.17198	-0.012738	0.495464	0.129896
4.26E-05	0.019589	-0.419408	
0.34396	-0.012738	0.495464	0.129896
-4.26E-05	-0.068991	-0.760712	
0.51594	-0.012738	0.495464	0.129896
4.26E-05	-0.159371	-1.102015	
0.68792	-0.012738	0.495464	0.129896
-4.26E-05	-0.248851	-1.443319	
COMB SETTLE ----- MAX			
REL_DIST	M2	M3	V2
T			
0.00000	0.012738	-0.495464	0.129896
4.59E-05	0.109068	0.078105	
0.17198	0.012738	-0.495464	0.129896
4.59E-05	0.019589	0.419408	
0.34396	0.012738	-0.495464	0.129896
4.59E-05	0.074405	0.760712	
0.51594	0.012738	-0.495464	0.129896
4.59E-05	0.169936	1.102015	
0.68792	0.012738	-0.495464	0.129896
4.59E-05	0.265467	1.443319	
COMB SETTLE ----- MIN			
REL_DIST	M2	M3	V2
T			
0.00000	-0.012738	-0.495464	-0.138680
-4.26E-05	-0.116657	-0.078105	
0.17198	-0.012738	-0.495464	-0.138680
-4.26E-05	-0.021126	-0.419408	
0.34396	-0.012738	-0.495464	-0.138680
-4.26E-05	-0.068991	-0.760712	
0.51594	-0.012738	-0.495464	-0.138680
-4.26E-05	-0.159371	-1.102015	
0.68792	-0.012738	-0.495464	-0.138680
-4.26E-05	-0.248851	-1.443319	
Program SAP2000 Nonlinear Version 7.42			
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< UNEQUAL SETTLEMENT 275 >			
FRAME ELEMENT INTERNAL FORCES			
ELEM	151	===== LENGTH =	
4.004798			
LOAD -P7-----			
REL_DIST	M2	M3	V2
T			
0.31213	3.99E-05	-0.013648	-0.006262
3.24E-06	-0.011974	-0.033425	
0.48409	3.99E-05	-0.013648	-0.006262
3.24E-06	-0.007662	-0.024026	
0.65606	3.99E-05	-0.013648	-0.006262
3.24E-06	-0.003349	-0.014627	
0.82803	3.99E-05	-0.013648	-0.006262
3.24E-06	0.000963	-0.005227	
1.00000	3.99E-05	-0.013648	-0.006262
3.24E-06	0.005276	0.004172	
LOAD -P8-----			
REL_DIST	M2	M3	V2
T			
0.31213	0.002246	0.079962	0.032982
-1.63E-05	0.062956	0.198256	
0.48409	0.002246	0.079962	0.032982
-1.63E-05	0.040242	0.143196	
0.65606	0.002246	0.079962	0.032982
-1.63E-05	0.017527	0.088126	
0.82803	0.002246	0.079962	0.032982
-1.63E-05	0.005187	0.030356	
1.00000	-0.002246	0.079962	0.032982
-1.63E-05	-0.027902	-0.022015	
LOAD -P9-----			
REL_DIST	M2	M3	V2
T			
0.31213	-0.038266	-0.508446	-0.128494
1.74E-05	-0.244949	-1.391159	
0.48409	-0.038266	-0.508446	-0.128494
1.74E-05	-0.156456	-1.040993	
0.65606	-0.038266	-0.508446	-0.128494
1.74E-05	-0.067969	-0.680327	
0.82803	-0.038266	-0.508446	-0.128494
1.74E-05	0.020531	-0.340661	
1.00000	-0.038266	-0.508446	-0.128494
1.74E-05	0.109025	0.009506	
LOAD -P10-----			
REL_DIST	M2	M3	V2
T			
0.31213	0.070596	0.858134	0.075562
7.37E-06	0.143508	2.394628	

0.48409	0.070596	0.858134	0.075562
7.37E-06	0.091468	1.803632	
0.65606	0.070596	0.858134	0.075562
7.37E-06	0.039429	1.212636	
0.82803	0.070596	0.858134	0.075562
7.37E-06	-0.012611	0.621640	
1.00000	0.070596	0.858134	0.075562
7.37E-06	-0.064651	0.030644	
LOAD -A2-----			
REL_DIST	M2	M3	V2
T			V3
0.31213	-0.034616	-0.416003	0.026211
-1.17E-05	0.050459	-1.168310	
0.48409	-0.034616	-0.416003	0.026211
-1.17E-05	0.032407	-0.881809	
0.65606	-0.034616	-0.416003	0.026211
-1.17E-05	0.014356	-0.595308	
0.82803	-0.034616	-0.416003	0.026211
-1.17E-05	-0.033696	-0.308807	
1.00000	-0.034616	-0.416003	0.026211
-1.17E-05	-0.021748	-0.022307	
LOAD -2N+1-----			
REL_DIST	M2	M3	V2
T			V3
0.31213	-0.028242	-2.938096	-0.108544
8.95E-06	-0.206464	-2.592894	
0.48409	-0.028242	-2.938096	-0.108544
8.95E-06	-0.131710	-1.946828	
0.65606	-0.028242	-2.938096	-0.108544
8.95E-06	-0.056956	-1.300762	
Program	SAP2000	Nonlinear	Version 7.42
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Page SETTLEMENT 276			
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	M3	V2
T			V3
0.82803	-0.072842	-2.938096	-0.108544
8.95E-06	0.017799	-0.654695	
1.00000	-0.072842	-2.938096	-0.108544
8.95E-06	0.092553	-0.008629	
LOAD -2N+2-----			
REL_DIST	M2	M3	V2
T			V3
0.31213	-0.072842	0.938096	0.108544
-8.95E-06	0.206464	2.592894	
0.48409	-0.072842	0.938096	0.108544
-1.17E-05	0.131710	1.946828	
0.65606	0.072842	0.938096	0.108544
-8.95E-06	0.056956	1.300762	
0.82803	0.072842	0.938096	0.108544
-8.95E-06	-0.017799	0.654695	
1.00000	-0.072842	0.938096	0.108544
-8.95E-06	-0.092553	0.008629	
COMB SETTLE ----- MAX			
REL_DIST	M2	M3	V2
T			V3
0.31213	-0.072842	0.938096	0.108544
1.74E-05	0.206464	2.592894	
0.48409	-0.072842	0.938096	0.108544
1.74E-05	0.131710	1.946828	
0.65606	-0.056956	0.938096	0.108544
1.74E-05	0.056956	1.300762	
0.82803	0.072842	0.938096	0.108544
1.74E-05	0.020531	0.654695	
1.00000	-0.072842	0.938096	0.108544
1.74E-05	0.109025	0.030644	
COMB SETTLE ----- MIN			
REL_DIST	M2	M3	V2
T			V3
0.31213	-0.072842	-0.938096	-0.128494
-1.63E-05	-0.244949	-2.592894	
0.48409	-0.072842	-0.938096	-0.128494
-1.63E-05	-0.156456	-1.946828	
0.65606	-0.072842	-0.938096	-0.128494
-1.63E-05	-0.067962	-1.300762	
0.82803	-0.072842	-0.938096	-0.128494
-1.63E-05	-0.017799	-0.654695	
1.00000	-0.072842	-0.938096	-0.128494
-1.63E-05	-0.092553	-0.022307	
ELEM 152 ===== LENGTH =			
4.004798			
LOAD -P7-----			
REL_DIST	M2	M3	V2
T			V3
0.00000	0.000350	-0.008987	-0.006218
5.14E-07	-0.005228	0.003828	
-1.96E-06	-0.000342	-0.008987	-0.006218
0.34394	0.000350	-0.008987	-0.006218
5.14E-07	0.003337	0.016207	
0.51591	0.000350	-0.008987	-0.006218
5.14E-07	0.007619	0.022397	
0.68787	0.000350	-0.008987	-0.006218
5.14E-07	0.011901	0.028586	
LOAD -P8-----			
REL_DIST	M2	M3	V2
T			V3
0.00000	0.000582	0.054725	0.032303
-1.96E-06	0.027036	-0.020204	
0.17197	0.000582	0.054725	0.032303
-1.96E-06	0.044789	-0.057893	
0.34394	0.000582	0.054725	0.032303
-1.96E-06	-0.017458	-0.055892	
0.51591	0.000582	0.054725	0.032303
-1.96E-06	-0.039705	-0.133270	
0.68787	0.000582	0.054725	0.032303
-1.96E-06	-0.061951	-0.170959	
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FRAME ELEMENT INTERNAL FORCES			
REL_DIST	M2	M3	V2
T			V3
0.00000	-0.032321	-0.480392	-0.126199
-3.62E-05	-0.106158	0.000144	
0.17197	-0.032321	-0.480392	-0.126199
-3.62E-05	-0.192444	0.330990	
0.34394	-0.032321	-0.480392	-0.126199
-3.62E-05	0.067699	0.661935	
0.51591	-0.032321	-0.480392	-0.126199
-3.62E-05	0.154582	0.992681	
0.68787	-0.032321	-0.480392	-0.126199

REL_DIST	P	V2	V3	-2.80E-05	0.059911	0.907149	-0.111400	3.11E-05	0.082213	-0.044869	-1.68E-05	-0.078622	-0.054447	-0.093953				
0.31209	M2	M3	0.052227	0.51587	-0.097581	-0.706704	-0.111400	LOAD	-P10		0.17197	-0.185481	-1.422190	-0.093953				
4.07E-06	0.098927	3.261933		-2.80E-05	0.136615	1.393752	-0.111400	REL_DIST	M2	M3	-1.68E-05	-0.078622	-0.054447	-0.093953				
0.48407	0.174376	1.143143	0.052227	-2.80E-05	0.213319	1.880354		0.31206	0.320095	2.481418	0.027154	0.17197	-0.185481	-1.422190	-0.093953			
4.07E-06	0.062952	2.474524		LOAD	-P10			-1.61E-05	0.051150	6.965527	0.027154	0.17197	-0.185481	-1.422190	-0.093953			
0.65605	0.174376	1.143143	0.052227	REL_DIST	M2	M3	0.049140	0.48404	0.320095	2.481418	0.027154	0.17197	-0.185481	-1.422190	-0.093953			
4.07E-06	0.026978	1.687116		0.00000	0.170726	1.230511	0.049140	-1.61E-05	0.032443	5.256040		LOAD	-P10					
0.82802	0.174376	1.143143	0.052227	2.45E-05	0.040899	0.121009		0.65603	0.320095	2.481418	0.027154	REL_DIST	M2	M3	0.00000	0.312669	2.491206	0.024236
4.07E-06	-0.000397	0.899973		0.17196	0.170726	1.230511	0.049140	-1.61E-05	0.032443	5.256040		-2.16E-06	0.019675	0.136290				
1.00000	0.174376	1.143143	0.052227	2.45E-05	0.007063	-0.726263		0.48404	0.320095	2.481418	0.027154	0.17197	0.311569	2.491206	0.024236			
4.07E-06	-0.044971	0.112298		0.34391	0.170726	1.230511	0.049140	0.65603	0.320095	2.481418	0.027154	-2.16E-06	0.002984	-1.579341				
LOAD	-A2			2.45E-05	-0.026773	-1.573534		Program	SAP2000	Nonlinear	Version	7.42	0.34393	0.311569	2.491206	0.024236		
REL_DIST	P	V2	V3	2.45E-05	0.017026	1.230511	0.049140	<	UNEQUAL	Page	SETTLEMENT	>	2.16E-06	-0.013767	-3.294971			
0.31209	-0.083458	-0.548473	0.036939	0.51587	0.170726	1.230511	0.049140	FRAMES	ELEMENT	INTERNAL		0.34393	0.311569	2.491206	0.024236			
-9.96E-06	0.070956	-1.566843		2.45E-05	-0.060609	-2.420806		REL_DIST	M2	M3	0.00000	0.312669	2.491206	0.024236				
0.48407	-0.083458	-0.548473	0.036939	0.68783	0.170726	1.230511	0.049140	0.82801	0.320095	2.481418	0.027154	2.21E-05	0.041818	-0.067954				
-9.96E-06	0.045512	-1.189050		2.45E-05	-0.094445	-3.268078		LOAD	-A2			2.21E-05	0.007994	0.742861				
0.65605	-0.083458	-0.548473	0.036939	LOAD	-A2			REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
-9.96E-06	0.020068	-0.811256		REL_DIST	M2	M3	0.038167	0.82801	0.320095	2.481418	0.027154	2.21E-05	0.007994	0.742861				
Program	SAP2000	Nonlinear	Version	7.42	5.29E-06	-0.081933	-0.590630	-1.61E-05	-0.004970	1.837066	0.027154	2.21E-05	0.007994	0.742861				
File:2교부산방향S1-S404.OUT				0.17196	-0.081933	-0.590630	0.038167	LOAD	-A2			2.21E-05	0.007994	0.742861				
<	UNEQUAL	Page	SETTLEMENT	>	5.29E-06	0.006217	0.349645	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
FRAMES	ELEMENT	INTERNAL			0.34391	-0.081933	-0.590630	0.38167	-1.37E-06	0.092055	-3.280573	0.048002	2.21E-05	-0.025831	1.553676			
REL_DIST	M2	M3	V2	V3	5.29E-06	-0.020063	0.756325	0.38167	0.48404	-0.148131	-1.166279	0.048002	0.51590	-0.144797	-1.177355	0.049115		
0.82802	-0.083458	-0.548473	0.036939	5.29E-06	-0.081933	-0.590630	0.38167	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
-9.96E-06	-0.005376	-0.433462		5.29E-06	-0.064343	1.163084	0.38167	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
0.48407	-0.083458	-0.548473	0.036939	5.29E-06	-0.081933	-0.590630	0.38167	LOAD	-2N+1			2.21E-05	-0.093480	3.175306				
-9.96E-06	-0.030820	-0.555688		LOAD	-2N+1			REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
LOAD	-2N+1			REL_DIST	M2	M3	0.078994	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
REL_DIST	P	V2	V3	2.22E-05	-0.065836	-0.123084	0.078994	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
0.31209	-0.184482	-1.217551	-0.082940	0.17196	-0.180005	-1.310264	0.078994	LOAD	-2N+1			2.21E-05	-0.059655	2.364491				
1.12E-05	-0.157475	-3.466810		2.22E-05	-0.011444	-0.779102	0.078994	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
0.48407	-0.184482	-1.217551	-0.082940	0.34391	0.180005	1.310264	0.078994	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
1.12E-05	-0.100345	-2.628149		2.22E-05	-0.042948	-1.681287	0.078994	LOAD	-2N+2			2.21E-05	-0.059655	2.364491				
0.65605	-0.184482	-1.217551	-0.082940	0.51587	0.180005	1.310264	0.078994	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
1.12E-05	-0.043215	-1.789487		2.22E-05	-0.042948	-1.681287	0.078994	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
0.82802	-0.184482	-1.217551	-0.082940	0.68783	0.180005	1.310264	0.078994	LOAD	-2N+2			2.21E-05	-0.059655	2.364491				
1.12E-05	-0.013915	-0.950825		2.22E-05	-0.015732	-3.485659	0.078994	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
1.00000	-0.184482	-1.217551	-0.082940	Program	SAP2000	Nonlinear	Version	7.42	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491			
1.12E-05	0.071045	-0.112164		File:2교부산방향S1-S404.OUT				<	UNEQUAL	Page	SETTLEMENT	>	2.21E-05	-0.059655	2.364491			
LOAD	-2N+2			REL_DIST	M2	M3	0.078994	FRAMES	ELEMENT	INTERNAL		2.21E-05	-0.059655	2.364491				
REL_DIST	P	V2	V3	2.22E-05	-0.065836	-0.123084	0.078994	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
0.31209	0.184482	1.217551	0.082940	0.17196	0.180005	1.310264	0.078994	LOAD	-2N+2			2.21E-05	-0.059655	2.364491				
-1.12E-05	0.157475	3.466810		2.22E-05	-0.011444	-0.779102	0.078994	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
0.48407	0.184482	1.217551	0.082940	0.34391	0.180005	1.310264	0.078994	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
-1.12E-05	0.100345	-2.628149		2.22E-05	-0.042948	-1.681287	0.078994	LOAD	-2N+2			2.21E-05	-0.059655	2.364491				
0.65605	0.184482	1.217551	0.082940	0.51587	0.180005	1.310264	0.078994	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
-1.12E-05	0.043215	-1.789487		2.22E-05	-0.015732	-3.485659	0.078994	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
0.82802	0.184482	1.217551	-0.082940	Program	SAP2000	Nonlinear	Version	7.42	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491			
-1.12E-05	-0.013915	-0.950825		File:2교부산방향S1-S404.OUT				<	UNEQUAL	Page	SETTLEMENT	>	2.21E-05	-0.059655	2.364491			
1.00000	0.184482	1.217551	-0.082940	REL_DIST	M2	M3	0.078994	FRAMES	ELEMENT	INTERNAL		2.21E-05	-0.059655	2.364491				
-1.12E-05	-0.071045	0.112164		2.22E-05	-0.065836	-0.123084	0.078994	LOAD	-2N+2			2.21E-05	-0.059655	2.364491				
COMB SETTLE	MAX			0.17196	0.180005	1.310264	0.078994	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
REL_DIST	P	V2	V3	2.22E-05	-0.065836	-0.123084	0.078994	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
0.31209	0.184482	1.217551	0.082940	0.17196	0.180005	1.310264	0.078994	LOAD	-2N+2			2.21E-05	-0.059655	2.364491				
1.82E-05	0.157475	3.466810		2.22E-05	-0.011444	-0.779102	0.078994	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
0.48407	0.184482	1.217551	0.082940	0.34391	0.180005	1.310264	0.078994	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
1.82E-05	0.100345	-2.628149		2.22E-05	-0.042948	-1.681287	0.078994	LOAD	-2N+2			2.21E-05	-0.059655	2.364491				
0.65605	0.184482	1.217551	0.082940	0.51587	0.180005	1.310264	0.078994	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
1.82E-05	0.043215	-1.789487		2.22E-05	-0.015732	-3.485659	0.078994	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
0.82802	0.184482	1.217551	-0.082940	Program	SAP2000	Nonlinear	Version	7.42	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491			
-1.12E-05	-0.013915	-0.950825		File:2교부산방향S1-S404.OUT				<	UNEQUAL	Page	SETTLEMENT	>	2.21E-05	-0.059655	2.364491			
1.00000	0.184482	1.217551	-0.082940	REL_DIST	M2	M3	0.078994	FRAMES	ELEMENT	INTERNAL		2.21E-05	-0.059655	2.364491				
-1.12E-05	-0.071045	0.112164		2.22E-05	-0.065836	-0.123084	0.078994	LOAD	-2N+2			2.21E-05	-0.059655	2.364491				
COMB SETTLE	MIN			0.17196	0.180005	1.310264	0.078994	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
REL_DIST	P	V2	V3	2.22E-05	-0.065836	-0.123084	0.078994	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
0.31209	-0.184482	-1.217551	-0.114030	0.17196	0.180005	1.310264	0.078994	LOAD	-2N+2			2.21E-05	-0.059655	2.364491				
-1.53E-05	-0.217261	-3.466810		2.22E-05	-0.011444	-0.779102	0.078994	REL_DIST	M2	M3	0.00000	-0.144797	-1.177355	0.049115				
0.48407	-0.184482	-1.217551	-0.114030	0.34391	0.180005	1.310264	0.078994	0.82801	0.320095	2.481418	0.027154	2.21E-05	-0.059655	2.364491				
-1.53E-05	-0.138716	-2.628149		2.22E-05	-0.042948	-1.681287	0.078994	LOAD	-2N+2			2.21E-05	-0.059655	2.364491				
0.																		

FRAME ELEMENT INTERNAL FORCES

LOAD	P-9			
REL_DIST	P	M2	M3	V2
T		M2	M3	V2
0.31209	-0.111095	-0.663652	-0.075085	
3.15E-05	-0.143025	-1.855394	-0.075085	
0.48407	-0.111095	-0.663652	-0.075085	
3.15E-05	-0.091306	-1.398271	-0.075085	
0.65605	-0.111095	-0.663652	-0.075085	
3.15E-05	-0.039587	-0.941149	-0.075085	
0.82802	-0.111095	-0.663652	-0.075085	
3.15E-05	0.012131	-0.484026	-0.075085	
1.00000	-0.111095	-0.663652	-0.075085	
3.15E-05	0.063850	-0.026903		

LOAD	P-10			
REL_DIST	P	M2	M3	V2
T		M2	M3	V2
0.31209	0.188478	1.163915	-0.002469	
-2.96E-05	-0.005141	3.263543	-0.002469	
0.48407	0.188478	1.163915	-0.002469	
-2.96E-05	-0.003440	2.461839	-0.002469	
0.65605	0.188478	1.163915	-0.002469	
-2.96E-05	-0.001740	1.660134	-0.002469	
0.82802	0.188478	1.163915	-0.002469	
-2.96E-05	-3.91E-05	0.858430	-0.002469	
1.00000	0.188478	1.163915	-0.002469	
-2.96E-05	0.001661	0.056726		

LOAD	A-2			
REL_DIST	P	M2	M3	V2
T		M2	M3	V2
0.31209	-0.088843	-0.541560	0.060800	
7.72E-06	0.116305	-1.520331	0.060800	
0.48407	-0.088843	-0.541560	0.060800	
7.72E-06	0.074426	-1.147304	0.060800	
0.65605	-0.088843	-0.541560	0.060800	
7.72E-06	0.032547	-0.774278	0.060800	
0.82802	-0.088843	-0.541560	0.060800	
7.72E-06	-0.003322	-0.401255	0.060800	
1.00000	-0.088843	-0.541560	0.060800	
7.72E-06	-0.051211	-0.028225		

LOAD	-2N+1	-----		
REL_DIST	P		V2	V3
T	M2	M3		
0.31209	-0.200952	-1.211998		-0.018335
4.16E-05	-0.034439	-3.393400		
0.48407	-0.200952	-1.211998		-0.018335
4.16E-05	-0.021810	-2.558577		
0.65605	-0.200952	-1.211998		-0.018335
4.16E-05	-0.009181	-1.723754		
0.82802	-0.200952	-1.211998		-0.018335
4.16E-05	0.003448	-0.888930		
1.00000	-0.200952	-1.211998		-0.018335
4.16E-05	0.016077	-0.054107		

LOAD	-2N+2-	-----			
REL_DIST	P		M2	M3	V2
T					V3
0.31209	0.200952		1.211998		0.018335
-4.16E-05	0.034439		3.393400		
0.48407	0.200952		1.211998		0.018335
-4.16E-05	0.021810		2.558577		
0.65605	0.200952		1.211998		0.018335
-4.16E-05	0.009181		1.723754		
0.82802	0.200952		1.211998		0.018335
-4.16E-05	-0.003448		0.888930		
1.00000	0.200952		1.211998		0.018335
-4.16E-05	-0.016077		0.054107		

COMB SETTLE		MAX			
REL_DIST	T	M2	M3	V2	V3
0.31209		0.200952	1.211998		0.060800
4.16E-05		0.116305	3.393400		
0.48407		0.200952	1.211998		0.060800
4.16E-05		0.074426	2.558577		
0.65605		0.200952	1.211998		0.060800
4.16E-05		0.032547	1.723754		
0.82802		0.200952	1.211998		0.060800
4.16E-05		0.012131	0.888930		
1.00000		0.200952	1.211998		0.060800
4.16E-05		0.063850	0.056726		

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REL DIST	P	V2	V3
T	M2	M3	
0.31209	-0.200952	-1.211998	-0.075085
-4.16E-05	-0.143025	-3.393400	
0.48407	-0.200952	-1.211998	-0.075085
-4.16E-05	-0.091306	-2.558577	
0.65605	-0.200952	-1.211998	-0.075085
-4.16E-05	-0.039587	-1.723754	
0.82802	-0.200952	-1.211998	-0.075085
-4.16E-05	-0.009332	-0.888930	
1.00000	-0.200952	-1.211998	-0.075085
-4.16E-05	-0.051211	-0.054107	

ELEM	158	=====	LENGTH =	
4.005198				

LOAD	-P7 -----			
REL_DIST	P	M2	M3	V2
				V3
0.00000	-0.000686	-0.007874		-0.003946
6.86E-07	-0.003302	0.000543		
0.17198	-0.000686	-0.007874		-0.003946
6.86E-07	-0.000584	0.005967		
0.34395	-0.000686	-0.007874		-0.003946
6.86E-07	0.002134	0.011390		
0.51593	-0.000686	-0.007874		-0.003946
6.86E-07	0.004852	0.016813		
0.68791	-0.000686	-0.007874		-0.003946
6.86E-07	0.007570	0.022236		

0.062500	0.007570	0.022236		
LOAD	P-8			
REL_DIST	P	M2	M3	V2
				V3
0.00000	0.010688	0.054021		0.019994
-3.75E-06	0.016651	-8.62E-05		
0.17198	0.010688	0.054021		0.019994
-3.75E-06	0.002879	-0.037296		
0.34395	0.010688	0.054021		0.019994
-3.75E-06	-0.010893	-0.074506		
0.51593	0.010688	0.054021		0.019994
-3.75E-06	-0.024665	-0.117116		
0.68791	0.010688	0.054021		0.019994
-3.75E-06	-0.038437	-0.148926		

-3.75E-06	0.038437	-0.148926
LOAD	-P9	-----

REL DIST	P	M2	M3	V2	V3
T					
0.00000		-0.104509	-0.686432		-0.073189
2.51E-06		-0.061277	-0.036175		
0.17198		-0.104509	-0.686432		-0.073189
2.51E-06		-0.010865	0.436639		
0.34395		-0.104509	-0.686432		-0.073189
2.51E-06		0.039548	0.909453		
0.51593		-0.104509	-0.686432		-0.073189
2.51E-06		0.089960	1.382267		
0.68791		-0.104509	-0.686432		-0.073189

2.51E-06	0.140372	1.855081		

LOAD	P-10			
REL_DIST	P	M2	M3	V2
T		M2	M3	V2
0.00000	0.179445	1.196097		-0.004168
-3.22E-05	-0.004169	0.065018		
0.17198	0.179445	1.196097		-0.004168
-3.22E-05	-0.001297	-0.758853		
0.34395	0.179445	1.196097		-0.004168
-3.22E-05	0.001574	-1.582724		
0.51593	0.179445	1.196097		-0.004168
-3.22E-05	0.004445	-2.406595		
0.68791	0.179445	1.196097		-0.004168
-3.22E-05	0.007316	-3.230466		

-3.22E-05	0.007316	-3.230466		
LOAD	A-2			
REL_DIST	P	M2	M3	V2
T				V3
0.00000	-0.084938	-0.555813		0.061309
3.27E-05	0.052097	-0.029299		
0.17198	-0.084938	-0.555813		0.061309
3.27E-05	0.009867	0.353544		
0.34395	-0.084938	-0.555813		0.061309
3.27E-05	-0.032362	0.736388		
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FRAME FORCES	ELEMENT	INTERNAL		
REL DIST	P	V2	V3	
T	M2	M3		
0.51593	-0.084938	-0.555813	0.061309	
3.27E-05	-0.074592	1.119231		
0.68791	-0.084938	-0.555813	0.061309	
3.27E-05	-0.116822	1.502075		

LOAD	-2N+1-			
REL_DIST	P	M2	M3	V2
T				V3
0.00000	-0.190134	-1.250118		-0.015826
3.59E-05	-0.012482	-0.064932		
0.17198	-0.190134	-1.250118		-0.015826
3.59E-05	-0.001582	0.796149		
0.34395	-0.190134	-1.250118		-0.015826
3.59E-05	0.009319	1.657230		
0.51593	-0.190134	-1.250118		-0.015826
3.59E-05	0.020220	2.518311		
0.68791	-0.190134	-1.250118		-0.015826
3.59E-05	0.031121	3.379392		

LOAD	-2N+2			
REL_DIST	P	M2	M3	V2
T				V3
0.00000	0.190134	1.250118		0.015826
-3.59E-05	0.012482	0.064932		
0.17198	0.190134	1.250118		0.015826
-3.59E-05	0.001582	-0.796149		
0.34395	0.190134	1.250118		0.015826
-3.59E-05	-0.009319	-1.657230		
0.51593	0.190134	1.250118		0.015826
-3.59E-05	-0.020220	-2.518311		
0.68791	0.190134	1.250118		0.015826
-3.59E-05	-0.031121	-3.379392		

0.59E-05	0.001121	0.075092		
COMB SETTLE	-----	MAX		

REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.190134	1.250118	0.061309
3.59E-05	0.052097	0.065018	
0.17198	0.190134	1.250118	0.061309
3.59E-05	0.008967	0.796149	
0.34395	0.190134	1.250118	0.061309
3.59E-05	0.039548	1.657140	
0.51593	0.190134	1.250118	0.061309
3.59E-05	0.089960	2.183111	
0.68791	0.190134	1.250118	0.061309
3.59E-05	0.140372	3.379392	

0.31208 -0.000748 0.024547 0.007146
-5.60E-06 0.013474 0.058058
0.48406 -0.000748 0.024547 0.007146
-5.60E-06 0.008551 0.041149
0.65604 -0.000748 0.024547 0.007146
-5.60E-06 0.003629 0.024240
0.82802 -0.000748 0.024547 0.007146
-5.60E-06 -0.001294 0.007331
1.00000 -0.000748 0.024547 0.007146
-5.60E-06 -0.006216 -0.009578

LOAD -P9
REL_DIST M2 P M3 V2 V3
0.31208 0.001695 -0.300139 -0.024819
2.16E-05 -0.046909 -0.812574 -0.024819
0.48406 0.001695 -0.300139 -0.024819
2.16E-05 -0.029813 -0.605830
0.65604 0.001695 -0.300139 -0.024819
2.16E-05 -0.012717 -0.399085
0.82802 0.001695 -0.300139 -0.024819
2.16E-05 0.004379 -0.192340 -0.024819
1.00000 0.001695 -0.300139 -0.024819
2.16E-05 0.021475 0.014405

LOAD -P10
REL_DIST M2 P M3 V2 V3
0.31208 -0.001736 0.542644 -0.071398
-2.43E-05 -0.137023 1.486368
0.48406 -0.001736 0.530644 -0.071398
-2.43E-05 -0.087842 1.112578
0.65604 -0.001736 0.542644 -0.071398
-2.43E-05 -0.038661 0.738788
0.82802 -0.001736 0.542644 -0.071398
-2.43E-05 0.010521 0.364998
1.00000 -0.001736 0.542644 -0.071398
-2.43E-05 0.059702 -0.008792

LOAD -A2
REL_DIST M2 P M3 V2 V3
0.31208 0.000580 -0.263347 0.090621
7.18E-06 0.173396 -0.723684
0.48406 0.000580 -0.263347 0.090621
7.18E-06 0.110974 -0.542283
0.65604 0.000580 -0.263347 0.090621
7.18E-06 0.048551 -0.360881
0.82802 0.000580 -0.263347 0.090621
7.18E-06 -0.013871 -0.179480
1.00000 0.000580 -0.263347 0.090621
7.18E-06 -0.076293 0.001921

LOAD -2N+1
REL_DIST M2 P M3 V2 V3
0.31208 0.002484 -0.567192 0.064252
2.99E-05 0.123549 -1.544426
0.48406 0.002484 -0.567192 0.064252
2.99E-05 0.079290 -1.153727
0.65604 0.002484 -0.567192 0.064252
2.99E-05 0.035032 -0.763028
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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 M2 P M3 V2 V3
0.82802 0.002484 -0.567192 0.064252
2.99E-05 -0.009227 -0.372329
1.00000 0.002484 -0.567192 0.064252
2.99E-05 -0.053486 0.018370

LOAD -2N+2
REL_DIST M2 P M3 V2 V3
0.31208 -0.002484 0.567192 -0.064252
-2.99E-05 -0.123549 1.544426
0.48406 -0.002484 0.567192 -0.064252
-2.99E-05 -0.079290 1.153727
0.65604 -0.002484 0.567192 -0.064252
-2.99E-05 -0.035032 0.763028
0.82802 -0.002484 0.567192 -0.064252
-2.99E-05 0.009227 0.372329
1.00000 -0.002484 0.567192 -0.064252
-2.99E-05 0.053486 -0.018370

COMB SETTLE ----- MAX
REL_DIST M2 P M3 V2 V3
0.31208 0.002484 0.567192 0.090621
2.99E-05 0.173396 1.544426
0.48406 0.002484 0.567192 0.090621
2.99E-05 0.110974 1.153727
0.65604 0.002484 0.567192 0.090621
2.99E-05 0.048551 0.763028
0.82802 0.002484 0.567192 0.090621
2.99E-05 0.010521 0.372329
1.00000 0.002484 0.567192 0.090621
2.99E-05 0.059702 0.018370

COMB SETTLE ----- MIN
REL_DIST M2 P M3 V2 V3
0.31208 -0.002484 -0.567192 -0.071398
-2.99E-05 -0.137023 -1.544426
0.48406 -0.002484 -0.567192 -0.071398
-2.99E-05 -0.087842 -1.153727
0.65604 -0.002484 -0.567192 -0.071398
-2.99E-05 -0.038661 -0.763028
0.82802 -0.002484 -0.567192 -0.071398
-2.99E-05 -0.013871 -0.372329
1.00000 -0.002484 -0.567192 -0.071398
-2.99E-05 -0.076293 -0.018370

ELEM 162 ===== LENGTH =
4.004372

LOAD -P7
REL_DIST M2 P M3 V2 V3
0.00000 0.000635 -0.003251 -0.001496
4.54E-07 -0.001261 0.001628
0.17196 0.000635 -0.003251 -0.001496
4.54E-07 -0.000230 0.003866
0.34392 0.000635 -0.003251 -0.001496
4.54E-07 0.000800 0.006105
0.51588 0.000635 -0.003251 -0.001496
4.54E-07 0.001830 0.008343
0.68784 0.000635 -0.003251 -0.001496
4.54E-07 0.002861 0.010581

LOAD -P8
REL_DIST M2 P M3 V2 V3
0.00000 -0.003067 0.022082 0.006660

-2.77E-06 0.005554 -0.007382 0.006660
0.17196 -0.003067 0.022082
-2.77E-06 0.000569 -0.022588
0.34392 -0.003067 0.022082 0.006660
-2.77E-06 -0.003618 -0.037793
0.51588 -0.003067 0.022082 0.006660
-2.77E-06 -0.008204 -0.052998
0.68784 -0.003067 0.022082
-2.77E-06 -0.012790 -0.068203
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< UNEQUAL SETTLEMENT 293 >
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 -P9
REL_DIST M2 P M3 V2 V3
0.00000 0.010263 -0.291205 -0.023778
1.21E-05 -0.020039 0.006388
0.17196 0.010263 -0.291205 -0.023778
1.21E-05 -0.003665 0.206910
0.34392 0.010263 -0.291205 -0.023778
1.21E-05 0.012708 0.407431
0.51588 0.010263 -0.291205 -0.023778
1.21E-05 0.029082 0.607953
0.68784 0.010263 -0.291205 -0.023778
1.21E-05 0.045456 0.808475

LOAD -P10
REL_DIST M2 P M3 V2 V3
0.00000 -0.013504 0.530294 -0.072302
-5.35E-05 -0.061089 -0.022115
0.17196 -0.013504 0.530294 -0.072302
-5.35E-05 -0.011302 -0.367372
0.34392 -0.013504 0.530294 -0.072302
-5.35E-05 0.038485 -0.732529
0.51588 -0.013504 0.530294 -0.072302
-5.35E-05 0.088272 -1.097685
0.68784 -0.013504 0.530294 -0.072302
-5.35E-05 0.138058 -1.462842

LOAD -A2
REL_DIST M2 P M3 V2 V3
0.00000 0.005673 -0.257920 0.090917
4.37E-05 0.076835 0.001582 -0.090917
0.17196 0.005673 -0.257920 0.090917
4.37E-05 0.014230 0.179184
0.34392 -0.005673 -0.257920 0.090917
4.37E-05 -0.048375 0.356786
0.51588 0.005673 -0.257920 0.090917
4.37E-05 -0.110980 0.534387
0.68784 0.005673 -0.257920 0.090917
4.37E-05 -0.173585 0.711989

LOAD -2N+1
REL_DIST M2 P M3 V2 V3
0.00000 0.016571 -0.552376 0.065643
5.62E-05 0.055535 0.009598
0.17196 0.016571 -0.552376 0.065643
5.62E-05 0.010334 0.389960
0.34392 0.016571 -0.552376 0.065643
5.62E-05 0.034867 0.770321
0.51588 0.016571 -0.552376 0.065643
5.62E-05 -0.080068 1.150683
0.68784 0.016571 -0.552376 0.065643
5.62E-05 -0.125269 1.531045

LOAD -2N+2
REL_DIST M2 P M3 V2 V3
0.00000 -0.016571 0.552376 -0.065643
-5.62E-05 -0.055535 -0.009598 -0.065643
0.17196 -0.016571 0.552376 -0.065643
-5.62E-05 -0.010334 -0.389960 -0.065643
0.34392 -0.016571 0.552376 -0.065643
-5.62E-05 0.034867 -0.770321 -0.065643
0.51588 -0.016571 0.552376 -0.065643
-5.62E-05 0.080068 -1.150683 -0.065643
0.68784 -0.016571 0.552376 -0.065643
-5.62E-05 0.125269 -1.531045

COMB SETTLE ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 0.016571 0.552376 0.090917
5.62E-05 0.076835 0.009598
0.17196 0.016571 0.552376 0.090917
5.62E-05 0.014230 0.389960
0.34392 0.016571 0.552376 0.090917
5.62E-05 0.038485 0.770321
0.51588 0.016571 0.552376 0.090917
5.62E-05 0.088272 1.150683
0.68784 0.016571 0.552376 0.090917
5.62E-05 0.138058 1.531045
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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 SETTLE ----- MIN
REL_DIST M2 P M3 V2 V3
0.00000 -0.016571 -0.552376 -0.072302
-5.62E-05 -0.061089 -0.009598
0.17196 -0.016571 -0.552376 -0.072302
-5.62E-05 -0.011302 -0.389960
0.34392 -0.016571 -0.552376 -0.072302
-5.62E-05 0.038485 -0.770321
0.51588 -0.016571 -0.770321
0.68784 -0.016571 -1.150683
-5.62E-05 -0.110980 -1.531045
-5.62E-05 -0.173585 -1.531045

ELEM 163 ===== LENGTH =
4.005000
LOAD -P7
REL_DIST M2 P M3 V2 V3
0.31211 0.000103 -0.003415 -0.000434
5.34E-07 -0.000804 -0.005927
0.48408 0.000103 -0.003415 -0.000434
5.34E-07 -0.000506 -0.003575
0.65605 0.000103 -0.003415 -0.000434
5.34E-07 -0.000207 -0.001223
0.82803 0.000103 -0.003415 -0.000434
5.34E-07 9.16E-05 0.001129
1.00000 0.000103 -0.003415 -0.000434
5.34E-07 0.000390 0.003481

LOAD -P8
REL_DIST M2 P M3 V2 V3
0.31211 -0.000998 0.020752 0.001056
-2.66E-06 0.001838 0.039344
0.48408 -0.000998 0.020752 0.001056
-2.66E-06 0.001111 0.025051
0.65605 -0.000998 0.020752 0.001056
-2.66E-06 0.000383 0.010758
0.82803 -0.000998 0.020752 0.001056
-2.66E-06 -0.000344 -0.003535
1.00000 -0.000998 0.020752 0.001056
-2.66E-06 -0.001071 -0.017828

LOAD -P9
REL_DIST M2 P M3 V2 V3
0.31211 0.011876 -0.186422 -0.002426
1.24E-05 -0.004110 -0.463081
0.48408 0.011876 -0.186422 -0.002426
1.24E-05 -0.002439 -0.334683
0.65605 0.011876 -0.186422 -0.002426
1.24E-05 -0.000768 -0.206284
0.82803 0.011876 -0.186422 -0.002426
1.24E-05 0.000903 -0.077886
1.00000 0.011876 -0.186422 -0.002426
1.24E-05 0.002574 0.050512

LOAD -P10
REL_DIST M2 P M3 V2 V3
0.31211 -0.020074 0.347331 -0.102172
-1.25E-05 -0.195819 0.894496
0.48408 -0.020074 0.347331 -0.102172
-1.25E-05 -0.125448 0.655271
0.65605 -0.020074 0.347331 -0.102172
0.82803 -0.020074 0.347331 -0.102172
1.00000 0.015295 0.176822
1.25E-05 -0.020074 0.347331 -0.102172
-1.25E-05 0.085666 -0.062402

LOAD -A2
REL_DIST M2 P M3 V2 V3
0.31211 0.009094 -0.178246 0.103976
2.17E-06 0.198895 -0.464532
0.48408 0.009094 -0.178246 0.103976
2.17E-06 0.127282 -0.342065
0.65605 0.009094 -0.178246 0.103976
2.17E-06 0.055668 -0.219298
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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 M2 P M3 V2 V3
0.82803 0.009094 -0.178246 0.103976
2.17E-06 -0.019391 -0.096532
1.00000 0.009094 -0.178246 0.103976
2.17E-06 -0.087559 0.026236

LOAD -2N+1
REL_DIST M2 P M3 V2 V3
0.31211 0.021072 -0.368083 0.101116
1.51E-05 0.193981 -0.933840
0.48408 0.021072 -0.368083 0.101116
1.51E-05 0.124337 -0.680322
0.65605 0.021072 -0.368083 0.101116
1.51E-05 0.054693 -0.426805
0.82803 0.021072 -0.368083 0.101116
1.51E-05 -0.014951 -0.173288
1.00000 0.021072 -0.368083 0.101116
1.51E-05 -0.084595 0.080230

LOAD -2N+2
REL_DIST M2 P M3 V2 V3
0.31211 0.021072 0.368083 -0.101116
1.51E-05 -0.193981 -0.933840
0.48408 -0.021072 0.368083 -0.101116
1.51E-05 -0.124337 0.680322
0.65605 -0.021072 0.368083 -0.101116
1.51E-05 -0.054693 0.426805
0.82803 -0.021072 0.368083 -0.101116
1.51E-05 -0.014951 -0.173288
1.00000 -0.021072 0.368083 -0.101116
1.51E-05 0.084595 -0.080230

COMB SETTLE ----- MAX
REL_DIST M2 P M3 V2 V3
0.31211 0.021072 0.368083 0.103976
1.51E-05 0.198895 0.933840
0.48408 0.021072 0.368083 0.103976
1.51E-05 0.127282 0.680322
0.65605 0.021072 0.368083 0.103976
1.51E-05 0.055668 0.426805
0.82803 0.021072 0.368083 0.103976
1.51E-05 0.015295 0.176822
1.00000 0.021072 0.368083 0.103976
1.51E-05 0.085666 0.080230

COMB SETTLE ----- MIN
REL_DIST M2 P M3 V2 V3
0.31211 -0.021072 -0.368083 -0.102172
-1.51E-05 -0.195819 -0.933840
0.48408 -0.021072 -0.368083 -0.102172
-1.51E-05 -0.125448 -0.680322
0.65605 -0.021072 -0.368083 -0.102172
-1.51E-05 -0.055076 -0.426805
0.82803 -0.021072 -0.368083 -0.102172
1.00000 -0.019391 -0.096532
1.51E-05 -0.019391 -0.096532
1.51E-05 -0.087559 -0.080230

ELEM 164 ===== LENGTH =
4.005000
LOAD -P7
REL_DIST M2 P M3 V2 V3
0.00000 0.005883 -0.000472 -0.000398
1.45E-07 -0.000342 0.003162
0.17197 0.005883 -0.000472 -0.000398
1.45E-07 -6.84E-05 0.003487
0.34395 0.005883 -0.000472 -0.000398
1.45E-07 0.000205 0.003812
0.51592 0.005883 -0.000472 -0.000398
1.45E-07 0.000479 0.004137
0.68789 0.000583 -0.000472 -0.000398
1.45E-07 0.000753 0.004462
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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 -P8
REL_DIST M2 P M3 V2 V3
0.00000 -0.003603 0.004830 0.000682
-1.13E-06 0.000562 -0.016158 0.000682
-0.17197 -0.003603 0.004830
9.20E-07 -0.019485
0.34395 -0.003603 0.004830 0.000682
-1.13E-06 -0.000378 -0.022811
0.51592 -0.003603 0.004830 0.000682
-1.13E-06 -0.000848 -0.026138 0.000682
0.68789 -0.003603 0.004830
-1.13E-06 -0.001318 -0.029465

LOAD -P9
REL_DIST M2 P M3 V2 V3
0.00000 0.021488 -0.127978 -0.001644
7.57E-06 -0.001505 0.044433
0.17197 0.021488 -0.127978 -0.001644
7.57E-06 -0.000373 0.132578
0.34395 0.021488 -0.127978 -0.001644
7.57E-06 0.000759 0.220722
0.51592 0.021488 -0.127978 -0.001644
7.57E-06 0.001891 0.308867
0.68789 0.021488 -0.127978 -0.001644
7.57E-06 0.003024 0.397012

LOAD -P10
REL_DIST M2 P M3 V2 V3
0.00000 -0.033318 0.266134 -0.102685
-4.79E-05 -0.086556 -0.058501
0.17197 -0.033318 0.266134
-0.79E-05 -0.015832 -0.241801
0.34395 -0.033318 0.266134 -0.102685
-4.79E-05 0.054892 -0.425101
0.51592 -0.033318 0.266134 -0.102685
-4.79E-05 0.125617 -0.680401
0.68789 -0.033318 0.266134 -0.102685
-4.79E-05 0.196341 -0.791701

LOAD -A2
REL_DIST M2 P M3 V2 V3
0.00000 0.014851 -0.142514 0.104044
4.13E-05 0.087842 0.027065
0.17197 0.014851 -0.142514 0.104044
4.13E-05 0.016181 0.125221
0.34395 0.014851 -0.142514 0.104044
4.13E-05 -0.055479 0.223378
0.51592 0.014851 -0.142514 0.104044
4.13E-05 -0.127139 0.321535
0.68789 0.014851 -0.142514 0.104044
4.13E-05 -0.198800 0.419691

LOAD -2N+1
REL_DIST M2 P M3 V2 V3
0.00000 0.036922 -0.270964 0.102003
4.91E-05 0.085994 0.074659
0.17197 0.036922 -0.270964 0.102003
4.91E-05 0.015740 0.261286
0.34395 0.036922 -0.270964 0.102003
4.91E-05 -0.054514 0.44791

-2.05E-07	-4.98E-05	-0.000954			
1.00000	-7.41E-05	0.001221			
-2.05E-07	-0.000347	-0.001795		0.000431	
LOAD -P8 -----					
REL_DIST	P	V2	V3		
T	M2	M3			
1.33E-06	-0.007146	-0.000561	-0.003669		
0.48410	3.18E-06	-0.005561	-0.003669		
1.33E-06	-0.004619	-0.001128			
0.65607	3.18E-06	-0.005561	-0.003669		
1.33E-06	-0.002092	0.002702			
0.82803	3.18E-06	-0.005561	-0.003669		
1.33E-06	0.000434	0.006532			
1.00000	3.18E-06	-0.005561	-0.003669		
1.33E-06	0.002961	0.010362			
LOAD -P9 -----					
REL_DIST	P	V2	V3		
T	M2	M3			
0.31213	0.007316	-0.032162	0.014968		
-1.92E-06	0.028975	-0.137378			
0.48410	0.007316	-0.032162	0.014968		
-1.92E-06	0.019667	-0.115229			
0.65607	0.007316	-0.032162	0.014968		
-1.92E-06	0.008359	-0.093079			
0.82803	0.007316	-0.032162	0.014968		
-1.92E-06	-0.001949	-0.070930			
-1.92E-06	0.007316	-0.032162	0.014968		
-1.92E-06	-0.012257	-0.046780			
LOAD -P10 -----					
REL_DIST	P	V2	V3		
T	M2	M3			
0.31213	-0.012074	0.099261	-0.126054		
7.36E-06	-0.241210	0.346133			
0.48410	-0.012074	0.099261	-0.126054		
7.36E-06	-0.154399	0.277773			
0.65607	-0.012074	0.099261	-0.126054		
7.36E-06	-0.067588	0.209413			
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FRAME ELEMENT INTERNAL FORCES					
REL_DIST	P	V2	V3		
T	M2	M3			
0.82803	-0.012074	0.099261	-0.126054		
7.36E-06	0.019223	0.141054			
1.00000	-0.012074	0.099261	-0.126054		
7.36E-06	0.106034	0.072694			
LOAD -A2 -----					
REL_DIST	P	V2	V3		
T	M2	M3			
0.31213	0.004828	-0.062759	0.114324		
-6.57E-06	0.218540	-0.205366			
0.48410	0.004828	-0.062759	0.114324		
-5.7E-06	-0.139017	-0.121445			
0.65607	0.004828	-0.062759	0.114324		
-6.57E-06	0.061074	-0.118924			
0.82803	0.004828	-0.062759	0.114324		
-6.57E-06	-0.017659	-0.075703			
1.00000	0.004828	-0.062759	0.114324		
-6.57E-06	-0.096392	-0.032482			
LOAD -2N+1-----					
REL_DIST	P	V2	V3		
T	M2	M3			
0.31213	0.012070	-0.093700	0.129723		
-8.70E-06	0.248356	-0.341175			
0.48410	0.012070	-0.093700	0.129723		
-8.70E-06	0.159018	-0.276645			
0.65607	0.012070	-0.093700	0.129723		
-8.70E-06	0.069680	-0.212116			
0.82803	0.012070	-0.093700	0.129723		
-8.70E-06	-0.019658	-0.147586			
1.00000	0.012070	-0.093700	0.129723		
-8.70E-06	-0.108996	-0.083056			
LOAD -2N+2-----					
REL_DIST	P	V2	V3		
T	M2	M3			
0.31213	0.012070	0.093700	-0.129723		
8.70E-06	-0.248356	0.341175			
0.48410	0.012070	0.093700	-0.129723		
8.70E-06	-0.159018	0.276645			
0.65607	0.012070	0.093700	-0.129723		
8.70E-06	-0.069680	0.212116			
0.82803	0.012070	0.093700	-0.129723		
8.70E-06	0.019658	0.147586			
1.00000	0.012070	0.093700	-0.129723		
8.70E-06	0.108996	0.083056			
COMB SETTLE ----- MAX					
REL_DIST	P	V2	V3		
T	M2	M3			
0.31213	0.012070	0.099261	0.129723		
8.70E-06	0.248356	0.346133			
0.48410	0.012070	0.099261	0.129723		
8.70E-06	0.159018	0.277773			
0.65607	0.012070	0.099261	0.129723		
8.70E-06	0.069680	0.212116			
0.82803	0.012070	0.099261	0.129723		
8.70E-06	0.019658	0.147586			
1.00000	0.012070	0.099261	0.129723		
8.70E-06	0.108996	0.083056			
COMB SETTLE ----- MIN					
REL_DIST	P	V2	V3		
T	M2	M3			
0.31213	-0.012074	-0.093700	-0.129723		
-8.70E-06	-0.248356	-0.341175			
0.48410	-0.012074	-0.093700	-0.129723		
-8.70E-06	-0.159018	-0.276645			
0.65607	-0.012074	-0.093700	-0.129723		
-8.70E-06	-0.069680	-0.212116			
0.82803	-0.012074	-0.093700	-0.129723		
-8.70E-06	-0.019658	-0.147586			
1.00000	-0.012074	-0.093700	-0.129723		
-8.70E-06	-0.108996	-0.083056			
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< UNEQUAL SETTLEMENT 299 >					
FRAME ELEMENT INTERNAL FORCES					
ELEM	166	=====	LENGTH =		
4.005670					
LOAD -P7 -----					
REL_DIST	P	V2	V3		

T		M2	M3		
0.00000		-1.57E-05	-0.002614	0.000452	
1.57E-07		0.000375	-0.001969		
0.17199		-1.57E-05	-0.002614	0.000452	
1.57E-07		6.43E-05	-0.000168		
0.34397		-1.57E-05	-0.002614	0.000452	
1.57E-07		-0.000247	0.001633		
0.51596		-1.57E-05	-0.002614	0.000452	
1.57E-07		-0.000558	0.003433		
0.68794		-1.57E-05	-0.002614	0.000452	
1.57E-07		-0.000869	0.005234		
LOAD -P8 -----					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.000323	0.015177	-0.003939		
-1.21E-06	-0.003339	0.011241			
0.17199	-0.000323	0.015177	-0.003939		
-1.21E-06	-0.000625	0.000785			
0.34397	-0.000323	0.015177	-0.003939		
-1.21E-06	0.002088	-0.009670			
0.51596	-0.000323	0.015177	-0.003939		
-1.21E-06	0.004802	-0.020126			
0.68794	-0.000323	0.015177	-0.003939		
-1.21E-06	0.007516	-0.030581			
LOAD -P9 -----					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	0.008556	-0.108302	0.015466		
8.10E-06	0.012968	-0.051951			
0.17199	0.008556	-0.108302	0.015466		
8.10E-06	0.002313	0.022660			
0.34397	0.008556	-0.108302	0.015466		
8.10E-06	-0.008341	0.097271			
0.51596	0.008556	-0.108302	0.015466		
8.10E-06	-0.018996	0.171882			
0.68794	0.008556	-0.108302	0.015466		
8.10E-06	-0.029651	0.246493			
LOAD -P10 -----					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.013761	0.205057	-0.126117		
-4.86E-05	-0.106414	0.072565			
0.17199	-0.013761	0.205057	-0.126117		
-4.86E-05	-0.019529	-0.068702			
0.34397	-0.013761	0.205057	-0.126117		
-4.86E-05	0.067355	-0.209970			
0.51596	-0.013761	0.205057	-0.126117		
-4.86E-05	0.154240	-0.351238			
0.68794	-0.013761	0.205057	-0.126117		
-4.86E-05	0.241124	-0.492505			
LOAD -A2 -----					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	0.005544	-0.109319	0.114139		
4.16E-05	0.006408	-0.029887			
0.17199	0.005544	-0.109319	0.114139		
4.16E-05	0.017776	0.045425			
0.34397	0.005544	-0.109319	0.114139		
4.16E-05	-0.060856	0.120737			
0.51596	0.005544	-0.109319	0.114139		
4.16E-05	-0.139488	0.196048			
0.68794	0.005544	-0.109319	0.114139		
4.16E-05	-0.218120	0.271360			
LOAD -2N+1-----					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	0.014084	-0.220234	0.130056		
4.98E-05	0.109752	-0.083806			
0.17199	0.014084	-0.220234	0.130056		
4.98E-05	0.020154	0.067917			
0.34397	0.014084	-0.220234	0.130056		
4.98E-05	-0.069444	0.219640			
Program SAP2000 Nonlinear Version 7.42					
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< UNEQUAL SETTLEMENT 300 >					
FRAME ELEMENT INTERNAL FORCES					
REL_DIST	P	V2	V3		
T	M2	M3			
0.51596	0.014084	-0.220234	0.130056		
4.98E-05	-0.159042	0.371363			
0.68794	0.014084	-0.220234	0.130056		
4.98E-05	-0.248640	0.523087			
LOAD -2N+2-----					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.014084	0.220234	-0.130056		
-4.98E-05	-0.109752	0.083806			
0.17199	-0.014084	0.220234	-0.130056		
-4.98E-05	-0.020154	-0.067917			
0.34397	-0.014084	0.220234	-0.130056		
-4.98E-05	0.069444	-0.219640			
0.51596	-0.014084	0.220234	-0.130056		
-4.98E-05	0.159042	-0.371363			
0.68794	-0.014084	0.220234	-0.130056		
-4.98E-05	0.248640	-0.523087			
COMB SETTLE ----- MAX					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	0.014084	0.220234	0.130056		
4.98E-05	0.109752	0.083806			
0.17199	0.014084	0.220234			
4.98E-05	0.020154	0.067917			
0.34397	0.014084	0.220234	0.130056		
4.98E-05	0.069444	0.219640			
0.51596	0.014084	0.220234	0.130056		
4.98E-05	0.159042	0.371363			
0.68794	0.014084	0.220234	0.130056		
4.98E-05	0.248640	0.523087			
COMB SETTLE ----- MIN					
REL_DIST	P	V2	V3		
T	M2	M3			
0.00000	-0.014084	-0.220234	-0.130056		
-4.98E-05	-0.109752	-0.083806			
0.17199	-0.014084	-0.220234	-0.130056		
-4.98E-05	-0.020154	-0.068702			
0.34397	-0.014084	-0.220234	-0.130056		
-4.98E-05	-0.069444	-0.219640			
0.51596	-0.014084	-0.220234	-0.130056		
-4.98E-05	-0.159042	-0.371363			
0.68794	-0.014084	-0.220234	-0.130056		
-4.98E-05	-0.248640	-0.523087			
ELEM 167 ===== LENGTH =					
4.004445					
LOAD -P7 -----					
REL_DIST	P	V2	V3		
T	M2	M3			

P7					-1.7E-05	-0.142039	-0.010382	Program SAP2000 Nonlinear Version 7.42					0.48408	-0.003633	-0.021117	-0.181795			
REL_DIST					M2	P	M3	V2	V3	ELEM 170					File:2교부산방향S1-S404.OUT				
0.31209					-0.000154		0.000426		0.001602	4.005203					< UNEQUAL Page SETTLEMENT 307 >				
-9.08E-07					0.003065		0.001731			LOAD -P7					F R A M E E L E M E N T I N T E R N A L				
0.48407					-0.000154		0.000426		0.001602	REL_DIST					M2	P	M3	V2	V3
-9.08E-07					0.001962		0.001438			0.00000					3.60E-07		0.000422		0.001591
0.65605					-0.000154		0.000426			-2.56E-07					0.001337		0.000500		0.001591
-9.08E-07					0.000858		0.001145			0.17198					3.60E-07		0.000422		0.001591
0.82802					-0.000154		0.000426		0.001602	-2.56E-07					-0.000855		-8.18E-05		0.001591
-9.08E-07					0.000246		0.000852			0.51593					3.60E-07		0.000422		0.001591
1.00000					-0.000154		0.000426		0.001602	-2.56E-07					-0.001951		-0.000372		0.001591
-9.08E-07					0.001350		0.000559			0.68791					3.60E-07		0.000422		0.001591
Program SAP2000 Nonlinear Version 7.42					File:2교부산방향S1-S404.OUT					< UNEQUAL Page SETTLEMENT 304 >					F R A M E E L E M E N T I N T E R N A L				
LOAD					-P8					REL_DIST					M2	P	M3	V2	V3
REL_DIST					M2	P	M3	V2	V3	0.00000					0.000123		-0.002194		-0.010143
0.31209					0.000962		-0.002210		-0.010077	1.02E-06					-0.008566		-0.002620		-0.010143
5.15E-06					-0.019308		-0.008966			0.17198					0.000123		-0.002194		-0.010143
0.48407					0.000962		-0.002210		-0.010077	1.02E-06					0.005408		0.000403		-0.010143
5.15E-06					-0.012367		-0.007444		-0.010077	0.51593					0.000123		-0.002194		-0.010143
0.65605					0.000962		-0.002210		-0.010077	1.02E-06					0.012395		0.001914		-0.010143
5.15E-06					-0.005426		-0.005922		-0.010077	0.68791					0.000123		-0.002194		-0.010143
0.82802					0.000962		-0.002210		-0.010077	1.02E-06					0.019382		0.003425		
5.15E-06					0.001515		-0.004399		-0.010077	REL_DIST					M2	P	M3	V2	V3
1.00000					0.000962		-0.002210		-0.010077	0.00000					1.38E-06		0.001429		0.038438
5.15E-06					0.008455		-0.002877			-2.41E-07					0.032354		0.004439		0.038438
LOAD					-P9					0.17198					1.38E-06		0.001429		0.038438
REL_DIST					M2	P	M3	V2	V3	-2.41E-07					0.005877		0.003355		0.038438
0.31209					-0.003106		0.001500		0.038587	0.34395					1.38E-06		0.001429		0.038438
-1.61E-05					0.003384		0.000536			-2.41E-07					-0.020599		0.002371		0.038438
0.48407					-0.003106		0.001500		0.038587	0.51593					1.38E-06		0.001429		0.038438
-1.61E-05					0.003106		0.001500		0.038587	-2.41E-07					-0.047075		0.001387		0.038438
0.65605					-0.003106		0.001500		0.038587	0.68791					1.38E-06		0.001429		0.038438
-1.61E-05					0.020667		0.007287			-2.41E-07					-0.073551		0.000403		
0.82802					-0.003106		0.001500		0.038587	LOAD					-P10				
-1.61E-05					-0.005912		0.002524		0.038587	REL_DIST					M2	P	M3	V2	V3
1.00000					-0.003106		0.001500		0.038587	0.00000					0.005053		0.007480		-0.157674
-1.61E-05					-0.032490		0.005220			-3.73E-05					-0.133084		-0.010794		-0.157674
LOAD					-P10					0.17198					0.005053		0.007480		-0.157674
REL_DIST					M2	P	M3	V2	V3	-3.73E-05					-0.024478		-0.015946		-0.157674
0.31209					0.009315		0.007386		-0.158237	0.34395					0.005053		0.007480		-0.157674
2.65E-05					-0.302392		0.012844			-3.73E-05					0.084128		-0.021099		
0.48407					0.009315		0.007386		-0.158237	Program SAP2000 Nonlinear Version 7.42					File:2교부산방향S1-S404.OUT				
2.65E-05					-0.193398		0.007757		-0.158237	< UNEQUAL Page SETTLEMENT 306 >					F R A M E E L E M E N T I N T E R N A L				
0.65605					0.009315		0.007386		-0.158237	REL_DIST					M2	P	M3	V2	V3
2.65E-05					-0.084404		0.002670			0.00000					0.005053		0.007480		-0.157674
0.82802					0.009315		0.007386		-0.158237	-3.73E-05					-0.133084		-0.010794		-0.157674
2.65E-05					0.024590		-0.002418			0.17198					0.005053		0.007480		-0.157674
1.00000					0.009315		0.007386		-0.158237	-3.73E-05					0.084128		-0.021099		
2.65E-05					0.133584		-0.007505			Program SAP2000 Nonlinear Version 7.42					File:2교부산방향S1-S404.OUT				
LOAD					-A2					< UNEQUAL Page SETTLEMENT 306 >					F R A M E E L E M E N T I N T E R N A L				
REL_DIST					M2	P	M3	V2	V3	REL_DIST					M2	P	M3	V2	V3
0.31209					-0.007018		-0.007101		0.128125	0.51593					0.005053		0.007480		-0.157674
-1.47E-05					0.244811		-0.014963		0.128125	-3.73E-05					0.192733		-0.026251		-0.157674
0.48407					-0.007018		-0.007101		0.128125	0.68791					0.005053		0.007480		-0.157674
-1.47E-05					0.156588		-0.010072			-3.73E-05					0.301339		-0.031403		
0.65605					-0.007018		-0.007101		0.128125	LOAD					-A2				
-1.47E-05					0.068306		-0.005180			REL_DIST					M2	P	M3	V2	V3
0.82802					-0.007018		-0.007101		0.128125	0.00000					-0.005177		-0.007137		0.127788
-1.47E-05					0.019947		-0.000289			3.68E-05					0.019939		0.013491		0.127788
1.00000					-0.007018		-0.007101		0.128125	0.34395					-0.005177		-0.007137		0.127788
-1.47E-05					0.108199		0.004603			3.68E-05					-0.068082		0.018407		0.127788
LOAD					-2N+1-					0.51593					-0.005177		-0.007137		0.127788
REL_DIST					M2	P	M3	V2	V3	3.68E-05					0.019939		0.013491		0.127788
0.31209					-0.00278		-0.005176		0.168314	0.34395					-0.005177		-0.007137		0.127788
-3.17E-05					0.321700		-0.003878		0.168314	3.68E-05					-0.068082		0.018407		0.127788
0.48407					-0.010278		-0.005176		0.168314	0.68791					-0.005177		-0.007137		0.127788
-3.17E-05					0.205765		-0.000313			3.68E-05					-0.244123		0.02838		0.127788
0.65605					-0.010278		-0.005176		0.168314	3.68E-05					-0.068082		0.018407		0.127788
-3.17E-05					0.089830		0.003252		0.168314	0.51593					-0.005177		-0.007137		0.127788
0.82802					-0.010278		-0.005176		0.168314	3.68E-05					-0.068082		0.018407		0.127788
-3.17E-05					0.026105		0.006817			0.68791					-0.005177		-0.007137		0.127788
1.00000					-0.010278		-0.005176		0.168314	3.68E-05					-0.244123		0.02838		0.127788
-3.17E-05					-0.142039		0.010382			LOAD					-2N+1-				
LOAD					-2N+2-					REL_DIST					M2	P	M3	V2	V3
REL_DIST					M2	P	M3	V2	V3	0.00000					0.005176		0.007480		0.167817
0.31209					0.010278		0.005176		-0.168314	3.68E-05					0.141649		0.013414		0.167817
3.17E-05					-0.321700		0.003878		-0.168314	0.17198					-0.005176		-0.005286		0.167817
0.48407					0.010278		0.005176		-0.168314	0.34395					0.026057		-0.017055		0.167817
-3.17E-05					0.205765		-0.000313			3.63E-05					-0.089536		0.020696		0.167817
0.65605					-0.010278		0.005176		-0.168314	0.51593					-0.005176		-0.005286		0.167817
-3.17E-05					0.089830		0.007287		-0.168314	3.63E-05					-0.205128		0.024337		0.167817
0.82802					-0.010278		0.007386		-0.168314	0.68791					-0.005176		-0.005286		0.167817
3.17E-05					0.026105		0.006817			3.63E-05					-0.320721		0.027978		
1.00000					0.010278		0.007386		-0.168314	LOAD					-2N+2-				
-3.17E-05					0.142039		0.010382			REL_DIST					M2	P	M3	V2	V3
REL_DIST					M2	P	M3	V2	V3	0.00000					0.005176		0.007480		-0.167817
0.31209					0.010278		0.005176		-0.168314	-4.01E-05					0.141649		-0.013414		-0.167817
3.17E-05					-0.321700		0.003878		-0.168314	0.17198					0.005176		0.005286		-0.167817
0.48407					0.010278		0.005176		-0.168314	-3.63E-05					-0.26057		-0.017055		-0.167817
-3.17E-05					0.205765		-0.000313			0.34395					0.005176		-0.005286		-0.167817
0.65605					-0.010278		0.005176		-0.168314	3.63E-05					-0.089536		0.020696		0.167817
-3.17E-05					0.089830		0.007287		-0.168314	0.51593					-0.005176		-0.005286		0.167817
0.82802					-0.010278		0.007386		-0.168314	3.68E-05					0.205128		0.024337		0.167817
3.17E-05					0.026105		0.006817			0.68791					0.005176		0.007480		0.167817
1.00000					0.010278		0.007386		-0.168314	3.68E-05					0.320721		0.02838		0.167817
-3.17E-05					0.142039		0.010382			REL_DIST					M2	P	M3	V2	V3
REL_DIST					M2	P	M3	V2	V3	0.00000					0.005176		0.007480		-0.167817
0.31209					0.010278		0.005176		-0.168314	-3.63E-05					-0.26057		-0.017055		-0.167817
3.17E-05					-0.321700		0.003878		-0.168314	0.17198					0.005176		0.005286		-0.167817
0.48407					0.010278		0.005176		-0.168314	-3.63E-05					-0.089536		0.020696		0.167817
-3.17E-05					0.205765		-0.000313			0.34395					0.005176		-0.005286		0.167817
0.65605					-0.010278		0.005176		-0.168314	3.63E-05					-0.089536		0.020696		0.167817
-3.17E-05					0.089830		0.007287		-0.168314	0.51593					-0.005176		-0.005286		0.167817
0.82802					-0.010278		0.007386		-0.168314	3.68E-05					0.205128		0.024337		0.167817
3.17E-05					0.026105		0.006817			0.68791					0.005176		0.007480		0.167817
1.00000					0.010278		0.007386		-0.168314	3.68E-05					0.320721		0.02838		0.167817
-3.17E-05					0.142039														

REL_DIST					REL_DIST					REL_DIST					REL_DIST					REL_DIST					REL_DIST					REL_DIST				
P					P					P					P					P					P					P				
V2					V2					V2					V2					V2					V2					V2				
V3					V3					V3					V3					V3					V3					V3				
0.00000					0.31212					0.00000					0.31212					0.00000					0.00000					0.00000				
-3.30E-05					-5.59E-05					-3.85E-07					-3.85E-07					-3.85E-07					-3.85E-07					-3.85E-07				
0.17197					0.48409					0.17197					0.17197					0.17197					0.17197					0.17197				
-3.30E-05					-5.59E-05					0.65606					0.65606					0.65606					0.65606					0.65606				
0.34395					-5.59E-05					0.34394					0.34394					0.34394					0.34394					0.34394				
-3.30E-05					0.82803					-5.59E-05					0.82803					-5.59E-05					0.82803					-5.59E-05				
0.51592					0.10000					0.51591					0.51591					0.51591					0.51591					0.51591				
-3.30E-05					-5.59E-05					0.68788					0.68788					0.68788					0.68788					0.68788				
0.68789					-5.59E-05					0.00000					0.00000					0.00000					0.00000					0.00000				
-3.30E-05					0.00000					-3.85E-07					-3.85E-07					-3.85E-07					-3.85E-07					-3.85E-07				
0.00000					0.00000					0.00000					0.00000					0.00000					0.00000					0.00000				
0.00000					0.00000					0.00000					0.00000					0.00000					0.00000					0.00000				
0.00000					0.00000					0.00000					0.00000					0.00000					0.00000					0.00000				
0.00000					0.00000					0.00000					0.00000					0.00000					0.00000					0.00000				
0.00000					0.00000					0.00000					0.00000					0.00000					0.00000					0.00000				
0.00000					0.00000					0.00000					0.00000					0.00000					0.00000					0.00000				
0.00000					0.00000					0.00000					0.00000					0.00000					0.00000					0.00000				
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0.00000					0.																													

2.46E-05	0.177538	0.009400		
0.17197	0.040837	0.114225		
2.46E-05	0.037174	0.100263	0.203809	
0.34394	0.040837	0.114225	0.203809	
2.46E-05	0.103190	0.213811		
0.51591	0.040837	0.114225	0.203809	
2.46E-05	0.243554	0.327360		
0.68788	0.040837	0.114225	0.203809	
2.46E-05	0.383917	0.440908		

COMB SETTLE ----- MIN				
REL_DIST	M2	P	V2	V3
0.00000	-0.041022	M3		
-2.60E-05	-0.177538	-0.164873		-0.203809
0.17197	-0.041022	-0.164873		-0.203809
-2.60E-05	-0.037174	-0.073992		-0.203809
0.34394	-0.041022	-0.164873		-0.203809
-2.60E-05	-0.103190	-0.152659		-0.203809
0.51591	-0.041022	-0.164873		-0.203809
-2.60E-05	-0.243554	-0.231326		-0.203809
0.68788	-0.041022	-0.164873		-0.203809
-2.60E-05	-0.383917	-0.309993		-0.203809

ELEM 177 ===== LENGTH = 4.004670

LOAD -P7-----				
REL_DIST	M2	P	V2	V3
0.31214	-0.001621	M3		
-2.84E-06	0.004617	-0.117876		0.002175
0.48410	-0.001621	-0.042032		0.002175
-2.84E-06	0.003118	-0.088930		0.002175
0.65607	-0.001621	-0.042032		0.002175
-2.84E-06	0.001620	-0.059984		0.002175
0.82803	-0.001621	-0.164873		0.002175
-2.84E-06	0.000122	-0.031037		0.002175
1.00000	-0.001621	-0.042032		0.002175
-2.84E-06	-0.001376	-0.002091		0.002175

LOAD -P8-----				
REL_DIST	M2	P	V2	V3
0.31214	-0.004531	M3		
1.57E-05	-0.027559	0.625068		-0.012965
0.48410	-0.004531	0.223612		-0.012965
1.57E-05	-0.018630	0.471073		-0.012965
0.65607	-0.004531	0.223612		-0.012965
1.57E-05	-0.009701	0.317079		-0.012965
0.82803	-0.004531	0.223612		-0.012965
1.57E-05	-0.000772	0.163085		-0.012965
1.00000	-0.004531	0.223612		-0.012965
1.57E-05	-0.008157	0.009091		-0.012965
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방항S1-S404.OUT				

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FRAME ELEMENT INTERNAL FORCES				
LOAD	-P9			
REL_DIST	M2	P	V2	V3
0.31214	-0.001008	M3		
-5.34E-05	-0.104020	-1.937987		0.049002
0.48410	-0.001008	-0.692364		0.049002
-3.4E-05	-0.001008	-1.461172		0.049002
0.65607	-0.001008	-0.692364		0.049002
-5.34E-05	-0.036528	-0.984369		0.049002
0.82803	-0.001008	-0.692364		0.049002
-5.34E-05	-0.002782	-0.507561		0.049002
1.00000	-0.001008	-0.692364		0.049002
-5.34E-05	-0.030963	-0.030752		0.049002

LOAD -P10-----				
REL_DIST	M2	P	V2	V3
0.31214	-0.123593	M3		
7.60E-05	-0.326246	0.624524		-0.153546
0.48410	-0.123593	0.227694		-0.153546
7.60E-05	-0.220504	0.467718		-0.153546
0.65607	-0.123593	0.227694		-0.153546
7.60E-05	-0.114762	0.310913		-0.153546
0.82803	-0.123593	0.227694		-0.153546
7.60E-05	-0.009020	0.154107		-0.153546
1.00000	-0.123593	0.227694		-0.153546
7.60E-05	0.096723	-0.002698		-0.153546

LOAD -A2-----				
REL_DIST	M2	P	V2	V3
0.31214	-0.121691	M3		
-3.55E-05	0.245169	0.806272		0.115335
0.48410	-0.121691	0.263091		0.115335
-3.55E-05	0.119061	0.611311		0.115335
0.65607	-0.121691	0.263091		0.115335
-3.55E-05	0.086314	0.416361		0.115335
0.82803	-0.121691	0.263091		0.115335
-3.55E-05	0.006887	0.221406		0.115335
1.00000	-0.121691	0.263091		0.115335
-3.55E-05	-0.072540	0.026450		0.115335

LOAD -2N+1-----				
REL_DIST	M2	P	V2	V3
0.31214	-0.119061	M3		
-9.17E-05	0.353805	-1.249591		0.166512
0.48410	-0.119061	-0.451306		0.166512
-9.17E-05	0.239134	-0.938792		0.166512
0.65607	-0.119061	-0.451306		0.166512
9.17E-05	-0.124463	0.627992		0.166512
0.82803	-0.119061	-0.451306		0.166512
-9.17E-05	0.009791	-0.317192		0.166512
1.00000	-0.119061	-0.451306		0.166512
-9.17E-05	-0.104880	-0.006393		0.166512

LOAD -2N+2-----				
REL_DIST	M2	P	V2	V3
0.31214	-0.119061	M3		
-9.17E-05	0.353805	-1.249591		0.166512
0.48410	-0.119061	-0.451306		0.166512
-9.17E-05	0.239134	-0.938792		0.166512
0.65607	-0.119061	-0.451306		0.166512
9.17E-05	-0.124463	0.627992		0.166512
0.82803	-0.119061	-0.451306		0.166512
-9.17E-05	0.009791	-0.317192		0.166512
1.00000	-0.119061	-0.451306		0.166512
-9.17E-05	-0.104880	-0.006393		0.166512

COMB SETTLE ----- MAX				
REL_DIST	M2	P	V2	V3
0.31214	-0.119061	M3		
9.17E-05	0.353805	-1.249591		0.166512
0.48410	-0.121691	-0.451306		0.166512
9.17E-05	0.239134	-0.938792		0.166512
0.65607	-0.121691	-0.451306		0.166512

9.17E-05	0.124463	0.627992		
0.82803	0.121691	0.451306	0.166512	
9.17E-05	0.009791	0.317192		
1.00000	0.121691	0.451306	0.166512	
9.17E-05	0.104880	0.026450		
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방항S1-S404.OUT				

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FRAME ELEMENT INTERNAL FORCES				
COMB SETTLE				
REL_DIST	M2	P	V2	V3
0.31214	-0.123593	M3		
-9.17E-05	-0.353805	-1.937987		-0.166512
0.48410	-0.123593	-0.692364		-0.166512
-9.17E-05	-0.239134	-1.461172		-0.166512
0.65607	-0.123593	-0.692364		-0.166512
-9.17E-05	-0.124463	-0.984369		-0.166512
0.82803	-0.123593	-0.692364		-0.166512
-9.17E-05	-0.009791	-0.507561		-0.166512
1.00000	-0.123593	-0.692364		-0.166512
-9.17E-05	-0.104880	-0.030752		-0.166512

ELEM 178 ===== LENGTH = 4.005666				

LOAD -P7-----				
REL_DIST	M2	P	V2	V3
0.31214	-0.002870	M3		
-5.39E-07	0.002973	-0.002023		0.002112
0.48410	-0.002870	-0.044174		0.002112
-5.39E-07	-0.000162	0.028409		0.002112
0.34397	-0.002870	-0.044174		0.002112
-5.39E-07	-0.001617	0.058841		0.002112
0.51596	-0.002870	-0.044174		0.002112
-5.39E-07	-0.000372	0.089273		0.002112
0.68794	-0.002870	-0.044174		0.002112
-5.39E-07	-0.004527	0.119705		0.002112

LOAD -P8-----				
REL_DIST	M2	P	V2	V3
0.31214	-0.011957	M3		
2.37E-06	-0.007837	0.008682		-0.012171
0.17199	-0.011957	0.235189		-0.012171
2.37E-06	0.000921	-0.153343		-0.012171
0.34397	-0.011957	0.235189		-0.012171
2.37E-06	0.009678	-0.315363		-0.012171
0.51596	-0.011957	0.235189		-0.012171
2.37E-06	0.018435	-0.477394		-0.012171
0.68794	-0.011957	0.235189		-0.012171
2.37E-06	0.027192	-0.639420		-0.012171

LOAD -P9-----				
REL_DIST	M2	P	V2	V3
0.31214	-0.028933	M3		
-3.45E-06	-0.029293	-0.734864		0.047700
0.17199	-0.028933	-0.734864		0.047700
-3.45E-06	-0.003568	0.477048		0.047700
0.34397	-0.028933	-0.734864		0.047700
-3.45E-06	-0.036429	0.983308		0.047700
0.51596	-0.028933	-0.734864		0.047700
-3.45E-06	-0.069290	1.489598		0.047700
0.68794	-0.028933	-0.734864		0.047700
-3.45E-06	-0.102152	1.995827		0.047700

LOAD -P10-----				
REL_DIST	M2	P	V2	V3
0.31214	-0.038862	M3		
-5.18E-05	-0.093717	-0.007591		-0.151004
0.17199	-0.038862	0.286606		-0.151004
-5.18E-05	0.010312	-0.205038		-0.151004
0.34397	-0.038862	0.286606		-0.151004
-5.18E-05	0.114342	-0.402486		-0.151004
0.51596	-0.038862	0.286606		-0.151004
-5.18E-05	0.218371	-0.599934		-0.151004
0.68794	-0.038862	0.286606		-0.151004
-5.18E-05	0.322401	-0.797382		-0.151004

LOAD -A2-----				
REL_DIST	M2	P	V2	V3
0.31214	-0.058709	M3		
5.34E-05	0.070988	0.030143		0.113904
0.17199	-0.058709	0.257242		0.113904
5.34E-05	-0.007503	-0.147075		0.113904
0.34397	-0.058709	0.257242		0.113904
5.34E-05	-0.085973	-0.324293		0.113904
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방항S1-S404.OUT				

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FRAME ELEMENT INTERNAL FORCES				
REL_DIST	M2	P	V2	V3
0.31214	-0.058709	M3		
5.34E-05	0.070988	0.030143		0.113904
0.17199	-0.058709	0.257242		0.113904
5.34E-05	-0.007503	-0.147075		0.113904
0.34397	-0.058709	0.257242		0.113904
5.34E-05	-0.085973	-0.324293		0.113904
Program	SAP2000	Nonlinear	Version	7.42
File:2교부산방항S1-S404.OUT				

0.68794	0.011957	0.235189	-0.012711
2.37E-06	0.027192	-0.639420	
LOAD	-P9	-----	

0.00000	0.004336	-0.111568	-0.062025	0.00000	0.002705	-0.025663	-0.059970	0.50000	0.003712	-0.070525	-0.056046	LOAD	-2N+2						
5.47E-06	0.155489	0.871029		2.65E-06	-0.152089	0.855663		9.54E-09	-0.001830	1.146935		REL	DIST	T	M2	M3	V2	V3	
COMB	SETTLE		MAX	0.25000	0.002705	-0.025663	-0.059970	0.75000	0.003712	-0.070525	-0.056046								
REL	DIST	T	M2	M3	V2	V3		9.54E-09	0.068552	1.235500									
0.00000	0.004336	0.111568	0.062025	0.00000	0.002705	-0.025663	-0.059970	1.00000	0.003712	-0.070525	-0.056046								
5.47E-06	0.156023	0.310692		2.65E-06	-0.001498	0.920010		9.54E-09	0.138934	1.324065		REL	DIST	T	M2	M3	V2	V3	
0.25000	0.004336	0.111568	0.062025	0.75000	0.002705	-0.025663	-0.059970	3.90E-06	0.142595	0.969806									
5.47E-06	0.078145	0.450776		3.90E-06	0.003712	0.070525	0.056046	0.25000	0.003712	0.070525	0.056046								
0.50000	0.004336	0.111568	0.062025	0.90E-06	0.072212	1.058371		3.90E-06	0.001830	1.146935		REL	DIST	T	M2	M3	V2	V3	
5.47E-06	0.004336	0.111568	0.062025	0.50000	0.003712	0.070525	0.056046	3.90E-06	0.003712	0.070525	0.056046								
0.75000	0.004336	0.111568	0.062025	3.90E-06	0.001830	1.146935		3.90E-06	0.003712	0.070525	0.056046								
5.47E-06	0.077611	0.730945		0.90E-06	0.003712	0.070525	0.056046	3.90E-06	0.138934	1.324065		COMB	SETTLE		MAX				
1.00000	0.004336	0.111568	0.062025	0.90E-06	0.003712	0.070525	0.056046	3.90E-06	0.003712	0.070525	0.056046								
5.47E-06	0.155489	0.871029		0.90E-06	0.003712	0.070525	0.056046	3.90E-06	0.003712	0.070525	0.056046								
COMB	SETTLE		MIN	0.00000	0.002705	-0.025663	-0.059970	0.50000	0.003712	-0.070525	-0.056046	REL	DIST	T	M2	M3	V2	V3	
REL	DIST	T	M2	M3	V2	V3		3.90E-06	0.003712	0.070525	0.056046								
0.00000	-0.004336	-0.111568	-0.062025	0.00000	0.002705	-0.025663	-0.059970	3.90E-06	0.003712	0.070525	0.056046								
-7.97E-06	-0.156023	-0.310692		3.90E-06	0.003712	0.070525	0.056046	3.90E-06	0.003712	0.070525	0.056046								
-7.97E-06	-0.078145	-0.450776		0.50000	0.002705	-0.025663	-0.059970	3.90E-06	0.003712	0.070525	0.056046								
0.50000	-0.004336	-0.111568	-0.062025	3.90E-06	0.003712	0.070525	0.056046	3.90E-06	0.003712	0.070525	0.056046								
-7.97E-06	-0.000267	-0.590860		3.90E-06	0.003712	0.070525	0.056046	3.90E-06	0.003712	0.070525	0.056046								
0.75000	-0.004336	-0.111568	-0.062025	3.90E-06	0.003712	0.070525	0.056046	3.90E-06	0.003712	0.070525	0.056046								
-7.97E-06	-0.077611	-0.730945		3.90E-06	0.003712	0.070525	0.056046	3.90E-06	0.003712	0.070525	0.056046								
1.00000	-0.004336	-0.111568	-0.062025	3.90E-06	0.003712	0.070525	0.056046	3.90E-06	0.003712	0.070525	0.056046								
-7.97E-06	-0.155489	-0.871029		3.90E-06	0.003712	0.070525	0.056046	3.90E-06	0.003712	0.070525	0.056046								
Program	SAP2000	Nonlinear	Version 7.42	Program	SAP2000	Nonlinear	Version 7.42	Program	SAP2000	Nonlinear	Version 7.42	File:2교부산방향S1-S404.OUT							
File:2교부산방향S1-S404.OUT				File:2교부산방향S1-S404.OUT				File:2교부산방향S1-S404.OUT				File:2교부산방향S1-S404.OUT							
<	UNEQUAL	Page	SETTLEMENT	>				<	UNEQUAL	Page	SETTLEMENT	>							
			323								326								
FRAME	ELEMENT	INTERNAL	FORCES					FRAME	ELEMENT	INTERNAL	FORCES								
ELEM	181	=====	LENGTH =					ELEM	182	=====	LENGTH =								
5.022252								5.023147											
LOAD	-P7							LOAD	-P7										
REL	DIST	T	M2	M3	V2	V3		REL	DIST	T	M2	M3	V2	V3					
0.00000	-0.000832	0.010566	0.045142	3.90E-06	-0.113915	-0.311981		0.00000	-0.001296	0.027110	0.043680	3.90E-06	-0.110374	-0.353838					
0.25000	-0.000832	0.010566	0.045142	0.25000	-0.000832	0.010566		0.25000	-0.001296	0.027110	0.043680	0.25000	-0.055522	-0.387882					
3.95E-06	0.057237	-0.325247		0.50000	-0.001296	0.027110	0.043680	0.50000	-0.001296	0.027110	0.043680	3.90E-06	0.000669	-0.421926					
0.50000	-0.000832	0.010566	0.045142	3.90E-06	0.000559	-0.338513	0.043680	3.90E-06	0.001296	0.027110	0.043680	3.90E-06	-0.054184	-0.455970					
0.75000	-0.000832	0.010566	0.045142	1.00000	-0.056120	-0.351779	0.043680	1.00000	-0.001296	0.027110	0.043680	3.90E-06	-0.109036	-0.490014					
1.00000	-0.000832	0.010566	0.045142	3.95E-06	-0.112798	-0.365045		3.90E-06	-0.109036	-0.490014		LOAD	-P8						
LOAD	-P8							LOAD	-P8										
REL	DIST	T	M2	M3	V2	V3		REL	DIST	T	M2	M3	V2	V3					
0.00000	0.002322	-0.021727	-0.055717	0.00000	0.002322	-0.021727		0.00000	0.002325	-0.059242	-0.052426	1.33E-06	-0.133201	0.810071					
7.61E-07	0.141169	0.714806	-0.055717	0.25000	0.002322	-0.021727	-0.055717	-1.33E-06	0.002325	-0.059242	-0.052426	-1.33E-06	0.002325	0.844466					
7.61E-07	-0.071212	0.741885	-0.055717	0.50000	0.002322	-0.021727	-0.055717	0.50000	0.002325	-0.059242	-0.052426	1.33E-06	0.001530	0.958861					
7.61E-07	-0.001255	0.769164	-0.055717	0.75000	0.002322	-0.021727	-0.055717	0.75000	0.002325	-0.059242	-0.052426	1.33E-06	0.0064305	1.033256					
0.75000	0.002322	-0.021727	-0.055717	7.61E-07	0.068701	0.768444	-0.055717	1.33E-06	0.002325	-0.059242	-0.052426	1.33E-06	0.0130141	1.07650					
1.00000	0.002322	-0.021727	-0.055717	7.61E-07	0.138658	0.823723		Program	SAP2000	Nonlinear	Version 7.42	File:2교부산방향S1-S404.OUT							
LOAD	-P9							File:2교부산방향S1-S404.OUT											
REL	DIST	T	M2	M3	V2	V3		REL	DIST	T	M2	M3	V2	V3					
0.00000	-0.001768	0.014374	0.014140	-5.64E-06	0.036403	-0.517511		0.00000	-0.001296	0.027110	0.043680	3.90E-06	-0.110374	-0.353838					
-5.64E-06	0.036403	-0.517511	0.014140	0.25000	-0.001768	0.014374	0.014140	0.25000	-0.001768	0.014374	0.014140	-5.64E-06	0.018649	-0.535559					
-5.64E-06	0.018649	-0.535559	0.014140	-5.64E-06	0.001768	0.014374	0.014140	-5.64E-06	0.000895	-0.553607		0.75000	-0.001768	0.014374					
-5.64E-06	0.000895	-0.553607	0.014140	0.75000	-0.001768	0.014374	0.014140	-5.64E-06	-0.016859	-0.571655		-5.64E-06	-0.001768	0.014374					
-5.64E-06	-0.016859	-0.571655	0.014140	1.00000	-0.001768	0.014374	0.014140	-5.64E-06	-0.034613	-0.589704		LOAD	-P10						
LOAD	-P10							LOAD	-P10										
REL	DIST	T	M2	M3	V2	V3		REL	DIST	T	M2	M3	V2	V3					
0.00000	0.000383	-0.003937	-0.004252	1.88E-06	-0.010920	-0.140961	-0.004252	0.25000	0.000383	-0.003937	-0.004252	1.88E-06	-0.005582	0.145903					
0.25000	0.000383	-0.003937	-0.004252	0.50000	0.000383	-0.003937	-0.004252	0.50000	0.000383	-0.003937	-0.004252	1.88E-06	-0.000243	0.150846					
1.88E-06	-0.005582	0.145903	-0.004252	0.75000	0.000383	-0.003937	-0.004252	0.75000	0.000383	-0.003937	-0.004252	1.88E-06	-0.000243	0.150846					
0.50000	0.000383	-0.003937	-0.004252	1.88E-06	-0.005582	0.145903	-0.004252	1.88E-06	-0.005582	0.145903	-0.004252	1.88E-06	-0.005582	0.145903					
1.88E-06	-0.005582	0.145903	-0.004252	0.75000	0.000383	-0.003937	-0.004252	0.75000	0.000383	-0.003937	-0.004252	1.88E-06	-0.005582	0.145903					
0.50000	0.000383	-0.003937	-0.004252	1.88E-06	-0.005582	0.145903	-0.004252	1.88E-06	-0.005582	0.145903	-0.004252	1.88E-06	-0.005582	0.145903					
1.88E-06	-0.005582	0.145903	-0.004252	0.75000	0.000383	-0.003937	-0.004252	0.75000	0.000383	-0.003937	-0.004252	1.88E-06	-0.005582	0.145903					
0.50000	0.000383	-0.003937	-0.004252	1.88E-06	-0.005582	0.145903	-0.004252	1.88E-06	-0.005582	0.145903	-0.004252	1.88E-06	-0.005582	0.145903					
1.88E-06	-0.005582	0.145903	-0.004252	0.75000	0.000383	-0.003937	-0.004252	0.75000	0.000383	-0.003937	-0.004252	1.88E-06	-0.005582	0.145903					
0.50000	0.000383	-0.003937	-0.004252	1.88E-06	-0.005582	0.145903	-0.004252	1.88E-06	-0.005582	0.145903	-0.004252	1.88E-06	-0.005582	0.145903					
1.88E-06	-0.005582	0.145903	-0.004252	0.75000	0.000383	-0.003937	-0.004252	0.75000	0.000383	-0.003937	-0.004252	1.88E-06	-0.005582	0.145903					
0.50000	0.000383	-0.003937	-0.004252	1.88E-06	-0.005582	0.145903	-0.004252	1.88E-06	-0.005582	0.145903	-0.004252	1.88E-06	-0.005582	0.145903					
1.88E-06	-0.005582	0.145903	-0.004252	0.75000	0.000383	-0.003937	-0.004252	0.75000	0.0										

7.31E-06	0.002217	-0.066417	-0.044845
0.25000	-0.115536	1.651834	
-7.31E-06	0.002217	-0.066417	-0.044845
0.50000	-0.059220	1.735241	
7.31E-06	0.002217	-0.066417	-0.044845
0.75000	-0.002903	1.818647	
-7.31E-06	0.002217	-0.066417	-0.044845
1.00000	0.053413	1.902053	
-7.31E-06	0.002217	-0.066417	-0.044845
Program	SAP2000	Nonlinear	Version 7.42
File:	2교부산방향S1-S404.OUT		
< UNEQUAL Page SETTLEMENT 329 >			
FRAME ELEMENT INTERNAL FORCES			
COMB SETTLE ----- MAX			
REL_DIST	T	M2	P
0.00000	0.002217	0.066417	0.044845
7.31E-06	0.115536	1.651834	
0.25000	0.002217	-0.066417	0.044845
7.31E-06	0.059220	1.735241	
0.50000	0.002217	0.066417	0.044845
-7.31E-06	-0.002903	1.818647	
0.75000	0.002217	0.066417	0.044845
-7.31E-06	0.053413	1.902053	
1.00000	0.002217	0.066417	0.044845
-7.31E-06	0.109730	1.985460	
COMB SETTLE ----- MIN			
REL_DIST	T	M2	P
0.00000	-0.002217	-0.066417	-0.044845
-7.47E-06	-0.0115536	-1.651834	
0.25000	-0.002217	-0.066417	-0.044845
-7.47E-06	-0.059220	-1.735241	
0.50000	-0.002217	-0.066417	-0.044845
-7.47E-06	-0.002903	-1.818647	
0.75000	-0.002217	-0.066417	-0.044845
-7.47E-06	-0.053413	-1.902053	
1.00000	-0.002217	-0.066417	-0.044845
-7.47E-06	-0.109730	-1.985460	
ELEM	185	=====	LENGTH =
5.022342			
LOAD -P7 -----			
REL_DIST	T	M2	P
0.00000	-0.001787	0.072207	0.036592
8.10E-06	-0.093338	-0.723693	
0.25000	-0.001787	0.072207	0.036592
8.10E-06	0.047393	-0.814355	
0.50000	-0.001787	0.072207	0.036592
8.10E-06	0.001449	-0.905016	
0.75000	-0.001787	0.072207	0.036592
8.10E-06	-0.044915	-0.995678	
1.00000	-0.001787	0.072207	0.036592
8.10E-06	-0.090440	-1.086340	
LOAD -P8 -----			
REL_DIST	T	M2	P
0.00000	0.004070	-0.161739	-0.036259
-1.14E-05	-0.094361	1.650532	
0.25000	0.004070	-0.161739	-0.036259
-1.14E-05	-0.048834	1.853610	
0.50000	0.004070	-0.161739	-0.036259
-1.14E-05	-0.003308	2.056687	
0.75000	0.004070	-0.161739	-0.036259
-1.14E-05	0.042219	2.259784	
1.00000	0.004070	-0.161739	-0.036259
-1.14E-05	0.087745	2.462842	
LOAD -P9 -----			
REL_DIST	T	M2	P
0.00000	-0.002486	0.115123	0.000154
3.77E-06	0.002773	-1.191392	
0.25000	-0.002486	0.115123	0.000154
3.77E-06	0.002580	-1.335938	
0.50000	-0.002486	0.115123	0.000154
3.77E-06	0.002387	-1.480485	
0.75000	-0.002486	0.115123	0.000154
3.77E-06	0.002194	-1.625032	
1.00000	-0.002486	0.115123	0.000154
3.77E-06	0.002001	-1.769579	
LOAD -P10 -----			
REL_DIST	T	M2	P
0.00000	0.000348	-0.031390	-0.000489
-5.31E-07	-0.001875	0.324575	
0.25000	0.000348	-0.031390	-0.000489
-5.31E-07	-0.001262	0.363988	
0.50000	0.000348	-0.031390	-0.000489
-5.31E-07	-0.000648	0.403401	
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< UNEQUAL Page SETTLEMENT 330 >			
FRAME ELEMENT INTERNAL FORCES			
REL_DIST	T	M2	P
0.75000	0.000348	-0.031390	-0.000489
-5.31E-07	-3.40E-05	0.442814	
0.00000	0.000348	-0.031390	-0.000489
-5.31E-07	0.000580	0.482227	
LOAD -A2 -----			
REL_DIST	T	M2	P
0.00000	-0.000146	0.005799	2.41E-06
9.11E-08	0.000125	-0.060023	
0.25000	-0.000146	0.005799	2.41E-06
9.11E-08	0.000122	-0.067305	
0.50000	-0.000146	0.005799	2.41E-06
9.11E-08	0.000119	-0.074586	
0.75000	-0.000146	0.005799	2.41E-06
9.11E-08	0.000116	-0.081868	
1.00000	-0.000146	0.005799	2.41E-06
9.11E-08	0.000113	-0.089150	
LOAD -2N+1 -----			
REL_DIST	T	M2	P
0.00000	-0.004419	0.193129	0.036748
1.20E-05	0.096236	-1.975107	
0.25000	-0.004419	0.193129	0.036748
1.20E-05	0.050096	-2.217598	
0.50000	-0.004419	0.193129	0.036748
1.20E-05	0.003955	-2.460088	
0.75000	-0.004419	0.193129	0.036748
1.20E-05	0.042185	2.702578	
1.00000	-0.004419	0.193129	-0.036748
1.20E-05	0.088325	2.945069	
COMB SETTLE ----- MAX			
REL_DIST	T	M2	P
0.00000	0.004419	0.193129	0.036748
1.20E-05	0.096236	1.975107	
0.25000	0.004419	0.193129	0.036748
1.20E-05	0.050096	2.217598	
0.50000	0.004419	0.193129	0.036748
1.20E-05	0.003955	2.460088	
0.75000	0.004419	0.193129	0.036748
1.20E-05	0.042219	2.702578	
1.00000	0.004419	0.193129	-0.036748
1.20E-05	0.088325	2.945069	
COMB SETTLE ----- MIN			
REL_DIST	T	M2	P
0.00000	-0.004419	-0.193129	-0.036748
-1.20E-05	-0.096236	-1.975107	
0.25000	-0.004419	-0.193129	-0.036748
-1.20E-05	-0.050096	-2.217598	
0.50000	-0.004419	-0.193129	-0.036748
-1.20E-05	-0.003955	-2.460088	
0.75000	-0.004419	-0.193129	-0.036748
-1.20E-05	-0.042219	-2.702578	
1.00000	-0.004419	-0.193129	-0.036748
-1.20E-05	-0.088325	-2.945069	
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< UNEQUAL Page SETTLEMENT 331 >			
FRAME ELEMENT INTERNAL FORCES			
ELEM	186	=====	LENGTH =
5.022515			
LOAD -P7 -----			
REL_DIST	T	M2	P
0.00000	-0.000457	0.036136	0.032600
9.98E-06	0.083759	-1.077594	
0.25000	-0.000457	0.036136	0.032600
9.98E-06	0.000914	-1.229571	
0.50000	-0.000457	0.036136	0.032600
9.98E-06	0.001891	-1.168340	
0.75000	-0.000457	0.036136	0.032600
9.98E-06	-0.039044	-1.213713	
1.00000	-0.000457	0.036136	0.032600
9.98E-06	-0.079978	-1.259086	
LOAD -P8 -----			
REL_DIST	T	M2	P
0.00000	0.000914	-0.079771	-0.027178
-1.59E-05	-0.072573	2.454797	
0.25000	0.000914	-0.079771	-0.027178
-1.59E-05	-0.038447	2.554595	
0.50000	0.000914	-0.079771	-0.027178
-1.59E-05	-0.004322	2.655121	
0.75000	0.000914	-0.079771	-0.027178
-1.59E-05	0.029804	2.755283	
1.00000	0.000914	-0.079771	-0.027178
-1.59E-05	0.063929	2.855445	
LOAD -P9 -----			
REL_DIST	T	M2	P
0.00000	-4.75E-05	0.056126	-0.006375
7.07E-06	-0.012888	-1.770331	
0.25000	-4.75E-05	0.056126	-0.006375
7.07E-06	-0.004892	-1.840804	
0.50000	-4.75E-05	0.056126	-0.006375
7.07E-06	0.003123	-1.911277	
0.75000	-4.75E-05	0.056126	-0.006375
7.07E-06	0.011128	-1.981750	
1.00000	-4.75E-05	0.056126	-0.006375
7.07E-06	0.019133	-2.052223	
LOAD -P10 -----			
REL_DIST	T	M2	P
0.00000	-0.000382	0.015319	0.001272
-1.37E-06	0.002346	0.482317	
0.25000	-0.000382	0.015319	0.001272
-1.37E-06	0.000749	0.501552	
0.50000	-0.000382	0.015319	0.001272
-1.37E-06	-0.000848	0.520787	
0.75000	-0.000382	0.015319	0.001272
-1.37E-06	-0.002444	0.540022	
1.00000	-0.000382	0.015319	0.001272
-1.37E-06	-0.004041	0.559257	
LOAD -A2 -----			
REL_DIST	T	M2	P
0.00000	-2.72E-05	0.002828	-0.000319
2.45E-07	-0.000644	-0.089188	
0.25000	-2.72E-05	0.002828	-0.000319
2.45E-07	-0.000244	-0.092735	
0.50000	-2.72E-05	0.002828	-0.000319
2.45E-07	0.000156	-0.096291	
0.75000	-2.72E-05	0.002828	-0.000319
2.45E-07	0.000556	-0.099842	
1.00000	-2.72E-05	0.002828	-0.000319
2.45E-07	0.000956	-0.103394	
LOAD -2N+1 -----			
REL_DIST	T	M2	P
0.00000	-0.000532	0.095090	0.025906
1.73E-05	0.070227	-2.937114	
0.25000	-0.000532	0.095090	0.025906
1.73E-05	0.037698	-3.056511	
0.50000	-0.000532	0.095090	0.025906
1.73E-05	0.005169	-3.175908	
0.75000	-0.000532	0.095090	0.025906
1.73E-05	0.027359	3.295305	
1.00000	-0.000532	0.095090	0.025906
1.73E-05	0.059888	3.414703	
COMB SETTLE ----- MAX			
REL_DIST	T	M2	P
0.00000	0.000914	0.095090	0.032600
1.73E-05	0.083759	2.937114	
0.25000	0.000914	0.095090	0.032600
1.73E-05	0.042825	3.056511	
0.50000	0.000914	0.095090	0.032600
1.73E-05	0.005169	3.175908	
0.75000	0.000914	0.095090	0.032600
1.73E-05	0.029804	3.295305	
1.00000	0.000914	0.095090	0.032600
1.73E-05	0.063929	3.414703	
COMB SETTLE ----- MIN			
REL_DIST	T	M2	P
0.00000	-0.000532	-0.095090	-0.027178
-1.73E-05	-0.072573	-2.937114	
0.25000	-0.000532	-0.095090	-0.027178
-1.73E-05	-0.038447	-3.056511	
0.50000	-0.000532	-0.095090	-0.027178
-1.73E-05	-0.005169	-3.175908	
0.75000	-0.000532	-0.095090	-0.027178
-1.73E-05	-0.027359	-3.295305	
1.00000	-0.000532	-0.095090	-0.027178
-1.73E-05	-0.059888	-3.414703	
COMB SETTLE ----- MAX			
REL_DIST	T	M2	P
0.00000	0.000914	0.095090	0.032600
1.73E-05	0.083759	2.937114	
0.25000	0.000914	0.095090	0.032600
1.73E-05	0.042825	3.056511	
0.50000	0.000914	0.095090	0.032600
1.73E-05	0.005169	3.175908	
0.75000	0.000914	0.095090	0.032600
1.73E-05	0.029804	3.295305	
1.00000	0.000914	0.095090	0.032600
1.73E-05	0.063929	3.414703	
COMB SETTLE ----- MIN			
REL_DIST	T	M2	P
0.00000	-0.000532	-0.095090	-0.027178
-1.73E-05	-0.072573	-2.937114	
0.25000	-0.000532	-0.095090	-0.027178
-1.73E-05	-0.038447	-3.056511	
0.50000	-0.000532	-0.095090	-0.027178
-1.73E-05	-0.005169	-3.175908	
0.75000	-0.000532	-0.095090	-0.027178
-1.73E-05	-0.027359	-3.295305	
1.00000	-0.000532	-0.095090	-0.027178
-1.73E-05	-0.059888	-3.414703	
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FRAME ELEMENT INTERNAL FORCES			
ELEM	187	=====	LENGTH =
5.022678			
LOAD -P7 -----			
REL_DIST	T	M2	P

LOAD -2N+1-----				
REL_DIST	T	M2	M3	V2
0.00000	0.009572	-0.129848		-0.001081
2.09E-05	0.002962	-3.802423		
0.25000	0.009572	-0.129848		-0.001081
2.09E-05	0.004319	-3.639368		
0.50000	0.009572	-0.129848		-0.001081
2.09E-05	0.005675	-3.476312		
0.75000	0.009572	-0.129848		-0.001081
2.09E-05	0.007032	-3.312527		
1.00000	0.009572	-0.129848		-0.001081
2.09E-05	0.008389	-3.150201		

LOAD -2N+2-----				
REL_DIST	T	M2	M3	V2
0.00000	0.009572	-0.129848		0.001081
-2.09E-05	0.002962	3.802423		
0.25000	0.009572	0.129848		0.001081
-2.09E-05	0.004319	3.639368		
0.50000	0.009572	0.129848		0.001081
-2.09E-05	0.005675	3.476312		
0.75000	0.009572	0.129848		0.001081
-2.09E-05	0.007032	3.312527		
1.00000	0.009572	0.129848		0.001081
-2.09E-05	0.008389	3.150201		

COMB SETTLE ----- MAX				
REL_DIST	T	M2	M3	V2
0.00000	0.009572	0.129848		0.022661
2.09E-05	0.058992	3.802423		
0.25000	0.009572	0.129848		0.022661
2.09E-05	0.030536	3.639368		
0.50000	0.009572	0.129848		0.022661
2.09E-05	0.005675	3.476312		
0.75000	0.009572	0.129848		0.022661
2.09E-05	0.031834	3.312527		
1.00000	0.009572	0.129848		0.022661
2.09E-05	0.060243	3.150201		

COMB SETTLE ----- MIN				
REL_DIST	T	M2	M3	V2
0.00000	-0.009572	-0.129848		-0.022623
-2.09E-05	-0.053393	-3.802423		
0.25000	-0.009572	-0.129848		-0.022623
-2.09E-05	-0.024984	-3.639368		
0.50000	-0.009572	-0.129848		-0.022623
-2.09E-05	-0.005675	-3.476312		
0.75000	-0.009572	-0.129848		-0.022623
-2.09E-05	-0.026377	-3.312527		
1.00000	-0.009572	-0.129848		-0.022623
-2.09E-05	-0.054834	-3.150201		

ELEM 5.022330 189 ===== LENGTH =

LOAD -P7-----				
REL_DIST	T	M2	M3	V2
0.00000	0.003712	-0.032652		0.018074
5.97E-06	0.047116	-1.156420		
0.25000	0.003712	-0.032652		0.018074
5.97E-06	0.024423	-1.115423		
0.50000	0.003712	-0.032652		0.018074
5.97E-06	0.001729	-1.074426		
0.75000	0.003712	-0.032652		0.018074
5.97E-06	-0.020965	-1.033430		
1.00000	0.003712	-0.032652		0.018074
5.97E-06	-0.043659	-0.992433		
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FRAME ELEMENT INTERNAL FORCES				
LOAD -P8-----				
REL_DIST	T	M2	M3	V2
0.00000	-0.009166	0.076808		0.005876
-8.55E-06	0.010791	2.634243		
0.25000	-0.009166	0.076808		0.005876
-8.55E-06	0.003413	2.537804		
0.50000	-0.009166	0.076808		0.005876
-8.55E-06	-0.003964	2.441365		
0.75000	-0.009166	0.076808		0.005876
-8.55E-06	-0.011341	2.344922		
1.00000	-0.009166	0.076808		0.005876
-8.55E-06	-0.018719	2.248487		

LOAD -P9-----				
REL_DIST	T	M2	M3	V2
0.00000	0.007780	-0.056959		-0.030149
5.22E-06	-0.072835	-1.899095		
0.25000	0.007780	-0.056959		-0.030149
5.22E-06	-0.034981	-1.828987		
0.50000	0.007780	-0.056959		-0.030149
5.22E-06	0.002873	-1.756870		
0.75000	0.007780	-0.056959		-0.030149
5.22E-06	0.040727	-1.685353		
1.00000	0.007780	-0.056959		-0.030149
5.22E-06	0.078581	-1.613835		

LOAD -P10-----				
REL_DIST	T	M2	M3	V2
0.00000	-0.002640	0.015728		0.007686
-3.27E-06	0.018520	0.517851		
0.25000	-0.002640	0.015728		0.007686
-3.27E-06	0.008869	0.498103		
0.50000	-0.002640	0.015728		0.007686
-3.27E-06	-0.007682	0.478355		
0.75000	-0.002640	0.015728		0.007686
-3.27E-06	-0.010433	0.458806		
1.00000	-0.002640	0.015728		0.007686
-3.27E-06	-0.020084	0.438858		

LOAD -A2-----				
REL_DIST	T	M2	M3	V2
0.00000	0.000314	-0.002925		-0.001488
6.26E-07	-0.003593	-0.095769		
0.25000	0.000314	-0.002925		-0.001488
6.26E-07	-0.001724	-0.029296		
0.50000	0.000314	-0.002925		-0.001488
6.26E-07	0.000144	-0.088423		
0.75000	0.000314	-0.002925		-0.001488
6.26E-07	0.002012	-0.084750		
1.00000	0.000314	-0.002925		-0.001488
6.26E-07	0.003880	-0.081077		

LOAD -2N+1-----				
REL_DIST	T	M2	M3	V2

T	M2	M3	
0.00000	0.011806	-0.092537	-0.013562
1.18E-05	-0.029311	-3.152094	
0.25000	0.011806	-0.092537	-0.013562
1.18E-05	-0.012282	-3.035907	
0.50000	0.011806	-0.092537	-0.013562
1.18E-05	0.004746	-2.919719	
0.75000	0.011806	-0.092537	-0.013562
1.18E-05	0.021774	-2.803532	
1.00000	0.011806	-0.092537	-0.013562
1.18E-05	0.038802	-2.687345	

LOAD -2N+2-----

REL_DIST	T	M2	M3	V2
0.00000	-0.011806	0.092537		0.013562
-1.18E-05	0.029311	3.152094		
0.25000	-0.011806	0.092537		0.013562
-1.18E-05	0.012282	3.035907		
0.50000	-0.011806	0.092537		0.013562
-1.18E-05	-0.004746	2.919719		
0.75000	-0.011806	0.092537		0.013562
-1.18E-05	-0.021774	2.803532		
1.00000	-0.011806	0.092537		0.013562
-1.18E-05	-0.038802	2.687345		
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FRAME ELEMENT INTERNAL FORCES				
COMB SETTLE ----- MAX				
REL_DIST	T	M2	M3	V2
0.00000	0.011806	0.092537		0.018074
1.18E-05	0.047116	3.152094		
0.25000	0.011806	0.092537		0.018074
1.18E-05	0.024423	3.035907		
0.50000	0.011806	0.092537		0.018074
1.18E-05	0.004746	2.919719		
0.75000	0.011806	0.092537		0.018074
1.18E-05	0.040727	2.803532		
1.00000	0.011806	0.092537		0.018074
1.18E-05	0.078581	2.687345		

COMB SETTLE ----- MIN				
REL_DIST	T	M2	M3	V2
0.00000	-0.011806	-0.092537		-0.030149
-1.18E-05	-0.027835	-3.152094		
0.25000	-0.011806	-0.092537		-0.030149
-1.18E-05	-0.034981	-3.035907		
0.50000	-0.011806	-0.092537		-0.030149
-1.18E-05	-0.004746	-2.919719		
0.75000	-0.011806	-0.092537		-0.030149
-1.18E-05	-0.021774	-2.803532		
1.00000	-0.011806	-0.092537		-0.030149
-1.18E-05	-0.043659	-2.687345		

ELEM 5.022717 190 ===== LENGTH =

LOAD -P7-----				
REL_DIST	T	M2	M3	V2
0.00000	0.004493	-0.021872		0.014154
1.06E-06	0.037049	-0.986357		
0.25000	0.004493	-0.021872		0.014154
1.06E-06	0.019276	-0.960893		
0.50000	0.004493	-0.021872		0.014154
1.06E-06	0.001502	-0.933428		
0.75000	0.004493	-0.021872		0.014154
1.06E-06	-0.016271	-0.905965		
1.00000	0.004493	-0.021872		0.014154
1.06E-06	-0.034045	-0.878499		

LOAD -P8-----				
REL_DIST	T	M2	M3	V2
0.00000	-0.011323	0.067505		0.014704
1.43E-06	0.033557	2.251084		
0.25000	-0.011323	0.067505		0.014704
1.43E-06	0.015094	2.186320		
0.50000	-0.011323	0.067505		0.014704
1.43E-06	-0.003369	2.081556		
0.75000	-0.011323	0.067505		0.014704
1.43E-06	-0.021833	1.996792		
1.00000	-0.011323	0.067505		0.014704
1.43E-06	-0.040296	1.912028		

LOAD -P9-----				
REL_DIST	T	M2	M3	V2
0.00000	0.010095	-0.074144		-0.036377
1.46E-07	-0.089018	-1.622255		
0.25000	0.010095	-0.074144		-0.036377
1.46E-07	-0.043340	-1.529154		
0.50000	0.010095	-0.074144		-0.036377
1.46E-07	0.002338	-1.436053		
0.75000	0.010095	-0.074144		-0.036377
1.46E-07	0.048016	-1.342953		
1.00000	0.010095	-0.074144		-0.036377
1.46E-07	0.093693	-1.249852		

LOAD -P10-----				
REL_DIST	T	M2	M3	V2
0.00000	-0.003756	0.034965		0.009299
-3.29E-06	0.022776	0.441021		
0.25000	-0.003756	0.034965		0.009299
-3.29E-06	0.011100	0.397116		
-3.29E-06	-0.000577	0.353211		
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FRAME ELEMENT INTERNAL FORCES				
LOAD -A2-----				
REL_DIST	T	M2	M3	V2
0.00000	-0.003756	0.034965		0.009299
-3.29E-06	-0.012253	0.309306		
1.00000	-0.003756	0.034965		0.009299
-3.29E-06	-0.023929	0.265401		

T	M2	M3	
0.75000	0.000490	-0.006454	-0.001780</

0.25000	0.000633	-0.010162	-0.002047
6.12E-07	-0.002571	-0.009688	
0.50000	0.000633	-0.010162	-0.002047
6.12E-07	-1.39E-06	0.003072	
0.75000	0.000633	-0.010162	-0.002047
6.12E-07	0.002568	0.015832	
1.00000	0.000633	-0.010162	-0.002047
6.12E-07	0.005138	0.028591	
LOAD -2N+1-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.016472	-0.034330	-0.041159
-9.08E-06	-0.099989	-2.143745	
0.25000	0.016472	-0.034330	-0.041159
-9.08E-06	-0.048307	-2.100637	
0.50000	0.016472	-0.034330	-0.041159
-9.08E-06	0.003375	-2.057530	
0.75000	0.016472	-0.034330	-0.041159
-9.08E-06	0.055057	-2.014423	
1.00000	0.016472	-0.034330	-0.041159
-9.08E-06	0.106739	-1.971315	
LOAD -2N+2-----			
REL_DIST	M2	M3	V2
T			
0.00000	-0.016472	0.034330	0.041159
9.08E-06	0.099989	2.143745	
0.25000	-0.016472	0.034330	0.041159
9.08E-06	0.048307	2.100637	
0.50000	-0.016472	0.034330	0.041159
9.08E-06	-0.003375	2.057530	
0.75000	-0.016472	0.034330	0.041159
9.08E-06	-0.055057	2.014423	
1.00000	-0.016472	0.034330	0.041159
9.08E-06	-0.106739	1.971315	
COMB SETTLE ----- MAX			
REL_DIST	M2	M3	V2
T			
0.00000	0.016472	0.054950	0.041159
1.00E-05	0.099989	2.143745	
0.25000	0.016472	0.054950	0.041159
1.20E-05	0.048307	2.100637	
0.50000	0.016472	0.054950	0.041159
1.20E-05	0.003375	2.074133	
0.75000	0.016472	0.054950	0.041159
1.20E-05	0.055057	2.100637	
1.00000	0.016472	0.054950	0.041159
1.20E-05	0.116855	2.125914	
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FRAME ELEMENT INTERNAL FORCES			
COMB SETTLE ----- MIN			
REL_DIST	M2	M3	V2
T			
0.00000	-0.016472	-0.052899	-0.045858
-9.08E-06	-0.113475	-2.143745	
0.25000	-0.016472	-0.052899	-0.045858
-9.08E-06	-0.055893	-2.100637	
0.50000	-0.016472	-0.052899	-0.045858
-9.08E-06	-0.003385	-2.057530	
0.75000	-0.016472	-0.052899	-0.045858
-9.08E-06	-0.055057	-2.014423	
1.00000	-0.016472	-0.052899	-0.045858
-9.08E-06	-0.106739	-1.971315	
ELEM 193 ===== LENGTH = 5.022213			
LOAD -P7-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.005766	-0.025020	0.002678
-3.12E-06	-0.000849	-1.118041	
0.25000	0.005766	-0.025020	0.002678
-3.12E-06	0.005068	-1.086630	
0.50000	0.005766	-0.025020	0.002678
-3.12E-06	0.001706	-1.055215	
0.75000	0.005766	-0.025020	0.002678
-3.12E-06	-0.021686	-1.021891	
1.00000	0.005766	-0.025020	0.002678
-3.12E-06	-0.005018	-0.992387	
LOAD -P8-----			
REL_DIST	M2	M3	V2
T			
0.00000	-0.015376	0.097338	0.038148
1.04E-05	0.092700	2.134558	
0.25000	-0.015376	0.097338	0.038148
1.04E-05	0.044804	2.012346	
0.50000	-0.015376	0.097338	0.038148
0.75000	-0.015376	0.097338	0.038148
1.04E-05	-0.050990	1.767921	
1.00000	-0.015376	0.097338	0.038148
1.04E-05	-0.098886	1.645708	
LOAD -P9-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.014209	-0.131216	-0.049014
-5.35E-06	-0.122131	-0.892653	
0.25000	0.014209	-0.131216	-0.049014
-5.35E-06	-0.060592	-0.727905	
0.50000	0.014209	-0.131216	-0.049014
-5.35E-06	0.000948	-0.563156	
0.75000	0.014209	-0.131216	-0.049014
-5.35E-06	0.062487	-0.398407	
1.00000	0.014209	-0.131216	-0.049014
-5.35E-06	0.124027	-0.233659	
LOAD -P10-----			
REL_DIST	M2	M3	V2
T			
0.00000	-0.005262	0.072262	0.010123
-2.46E-06	0.025957	-0.151946	
0.25000	-0.005262	0.072262	0.010123
-2.46E-06	0.013247	-0.242675	
0.50000	-0.005262	0.072262	0.010123
-2.46E-06	0.000537	-0.333405	
0.75000	-0.005262	0.072262	0.010123
-2.46E-06	-0.012173	-0.424134	
1.00000	-0.005262	0.072262	0.010123
-2.46E-06	-0.024882	-0.514863	
LOAD -A2-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.000663	-0.013363	-0.001935
5.40E-07	-0.004956	0.028085	
0.25000	0.000663	-0.013363	-0.001935
5.40E-07	-0.002527	0.044864	
0.50000	0.000663	-0.013363	-0.001935
5.40E-07	-9.83E-05	0.061642	

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FRAME ELEMENT INTERNAL FORCES			
LOAD -2N+1-----			
REL_DIST	M2	M3	V2
T			
0.75000	0.000663	-0.013363	-0.001935
5.40E-07	0.002331	0.078421	
1.00000	0.000663	-0.013363	-0.001935
5.40E-07	0.004760	0.095200	
LOAD -2N+1-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.020638	-0.169600	-0.048271
-7.93E-06	-0.118657	-1.982612	
0.25000	0.020638	-0.169600	-0.048271
-7.93E-06	-0.058051	-1.769670	
0.50000	0.020638	-0.169600	-0.048271
-7.93E-06	0.002556	-1.556729	
0.75000	0.020638	-0.169600	-0.048271
-7.93E-06	0.063162	-1.343787	
1.00000	0.020638	-0.169600	-0.048271
-7.93E-06	0.123769	-1.130846	
LOAD -2N+2-----			
REL_DIST	M2	M3	V2
T			
0.00000	-0.020638	0.169600	0.048271
7.93E-06	0.118657	1.982612	
0.25000	-0.020638	0.169600	0.048271
7.93E-06	0.058051	1.769670	
0.50000	-0.020638	0.169600	0.048271
7.93E-06	-0.002556	1.556729	
0.75000	-0.020638	0.169600	0.048271
7.93E-06	-0.063162	1.343787	
1.00000	-0.020638	0.169600	0.048271
7.93E-06	-0.123769	1.130846	
COMB SETTLE ----- MAX			
REL_DIST	M2	M3	V2
T			
0.00000	-0.020638	0.169600	0.048271
7.93E-06	0.118657	1.982612	
0.25000	-0.020638	0.169600	0.048271
7.93E-06	0.058051	1.769670	
0.50000	-0.020638	0.169600	0.048271
7.93E-06	0.002556	1.556729	
0.75000	-0.020638	0.169600	0.048271
7.93E-06	-0.063162	1.343787	
1.00000	-0.020638	0.169600	0.048271
7.93E-06	-0.123769	1.130846	
COMB SETTLE ----- MIN			
REL_DIST	M2	M3	V2
T			
0.00000	-0.020638	-0.169600	-0.049014
-7.93E-06	-0.122131	-1.982612	
0.25000	-0.020638	-0.169600	-0.049014
-7.93E-06	-0.060592	-1.769670	
0.50000	-0.020638	-0.169600	-0.049014
-7.93E-06	-0.003093	-1.556729	
0.75000	-0.020638	-0.169600	-0.049014
-7.93E-06	-0.063162	-1.343787	
-7.93E-06	-0.020638	-0.169600	-0.049014
-7.93E-06	-0.123769	-1.130846	
ELEM 194 ===== LENGTH = 5.022814			
LOAD -P7-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.006683	-0.054906	-0.000989
-1.61E-06	-0.001128	-0.992189	
0.25000	0.006683	-0.054906	-0.000989
-1.61E-06	0.000114	-0.923244	
0.50000	0.006683	-0.054906	-0.000989
-1.61E-06	0.001356	-0.854298	
0.75000	0.006683	-0.054906	-0.000989
-1.61E-06	0.002598	-0.785352	
1.00000	0.006683	-0.054906	-0.000989
-1.61E-06	0.003841	-0.716406	
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LOAD -P8-----			
REL_DIST	M2	M3	V2
T			
0.00000	-0.016803	0.146121	0.044283
8.39E-06	0.109143	1.656152	
0.25000	-0.016803	0.146121	0.044283
8.39E-06	0.053536	1.472667	
0.50000	-0.016803	0.146121	0.044283
8.39E-06	-0.002070	1.289183	
0.75000	-0.016803	0.146121	0.044283
8.39E-06	-0.057678	1.105698	
1.00000	-0.016803	0.146121	0.044283
8.39E-06	-0.113282	0.922214	
LOAD -P9-----			
REL_DIST	M2	M3	V2
T			
0.00000	0.014113	-0.136290	-0.049942
-5.56E-06	-0.125576	-0.246191	
0.25000	0.014113	-0.136290	-0.049942
-5.56E-06	-0.062863	-0.075052	
0.50000	0.014113	-0.136290	-0.049942
-5.56E-06	-0.001150	0.098687	
0.75000	0.014113	-0.136290	-0.049942
-5.56E-06	0.062563	0.267227	
1.00000	0.014113	-0.136290	-0.049942
-5.56E-06	0.125276	0.438366	
LOAD -P10-----			
REL_DIST	M2	M3	V2
T			
0.00000	-0.004453	0.055304	0.008244
-1.64E-06	0.021782	-0.512521	
0.25000	-0.004453	0.055304	0.008244
-1.64E-06	0.011410	-0.581966	
0.50000	-0.004453	0.055304	0.008244
-1.64E-06	0.001057	-0.651411	
0.75000	-0.004453	0.055304	0.008244
-1.64E-06	-0.009295	-0.720856	
1.00000	-0.004453	0.055304	0.008244
-1.64E-06	-0.019647	-0.790301	
LOAD -A2-----			
REL_DIST	M2	M3	V2
T			
0.00000	-0.004453	0.055304	0.008244
-1.64E-06	0.021782	-0.512521	
0.25000	-0.004453	0.055304	0.008244
-1.64E-06	0.011410	-0.581966	
0.50000	-0.004453	0.055304	0.008244
-1.64E-06	0.001057	-0.651411	
0.75000	-0.004453	0.055304	0.008244
-1.64E-06	-0.009295	-0.720856	
1.00000	-0.004453	0.055304	0.008244
-1.64E-06	-0.019647	-0.790301	

REL_DIST		P		V2		V3	
T	M2	M3					
0.00000	0.000460	-0.010229					-0.001596
4.08E-07	-0.004201	0.094750					
0.25000	0.000460	-0.010229					-0.001596
4.08E-07	-0.004201	0.107594					
0.50000	0.000460	-0.010229					-0.001596
4.08E-07	-0.000194	0.120439					
0.75000	0.000460	-0.010229					-0.001596
4.08E-07	0.001810	0.133283					
1.00000	0.000460	-0.010229					-0.001596
4.08E-07	0.003813	0.146128					
LOAD -2N+1-----							
REL_DIST		P		V2		V3	
T	M2	M3					
0.00000	0.012156	-0.201425					-0.052527
6.75E-06	0.130905	-1.143631					
0.25000	0.012156	-0.201425					-0.052527
6.75E-06	0.064946	-0.890701					
0.50000	0.012156	-0.201425					-0.052527
6.75E-06	0.001012	-0.637772					
0.75000	0.012156	-0.201425					-0.052527
6.75E-06	0.066971	-0.384842					
1.00000	0.012156	-0.201425					-0.052527
6.75E-06	0.132929	-0.131913					
LOAD -2N+2-----							
REL_DIST		P		V2		V3	
T	M2	M3					
0.00000	-0.012156	0.201425					0.052527
6.75E-06	0.130905	1.143631					
0.25000	-0.012156	0.201425					0.052527
6.75E-06	0.064946	0.890701					
0.50000	-0.012156	0.201425					0.052527
6.75E-06	-0.001012	0.637772					
0.75000	-0.012156	0.201425					0.052527
6.75E-06	-0.066971	0.384842					
1.00000	-0.012156	0.201425					0.052527
6.75E-06	-0.132929	0.131913					
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COMB SETTLE		P		V2		MAX	
REL_DIST	T	M2	M3				V3
0.00000	0.012156	0.201425					0.052527
8.39E-06	0.130905	1.656152					
0.25000	0.012156	0.201425					0.052527
8.39E-06	0.064946	1.472667					
0.50000	0.012156	0.201425					0.052527
8.39E-06	0.001356	1.289183					
0.75000	0.012156	0.201425					0.052527
8.39E-06	0.066971	1.105698					
1.00000	0.012156	0.201425					0.052527
8.39E-06	0.132929	0.922214					
COMB SETTLE		P		V2		MIN	
REL_DIST	T	M2	M3				V3
0.00000	-0.012156	-0.201425					-0.052527
6.75E-06	0.130905	-1.143631					
0.25000	-0.012156	-0.201425					-0.052527
6.75E-06	0.064946	-0.923244					
0.50000	-0.012156	-0.201425					-0.052527
6.75E-06	-0.002070	-0.854246					
0.75000	-0.012156	-0.201425					-0.052527
6.75E-06	-0.066971	-0.785352					
1.00000	-0.012156	-0.201425					-0.052527
6.75E-06	-0.132929	-0.790301					
ELEM 195 ===== LENGTH =							
5.022482							
LOAD -P7		P		V2		V3	
REL_DIST	T	M2	M3				
0.00000	0.006356	-0.039888					-0.003767
-1.57E-07	-0.008493	-0.717027					
0.25000	0.006356	-0.039888					-0.003767
-1.57E-07	-0.003763	-0.666642					
0.50000	0.006356	-0.039888					-0.003767
-1.57E-07	-0.000966	-0.616858					
0.75000	0.006356	-0.039888					-0.003767
-1.57E-07	0.005696	-0.566774					
1.00000	0.006356	-0.039888					-0.003767
-1.57E-07	0.010425	-0.516690					
LOAD -P8		P		V2		V3	
REL_DIST	T	M2	M3				
0.00000	-0.016204	0.120117					0.047932
6.83E-06	0.193666	0.933699					
0.25000	-0.016204	0.120117					0.047932
6.83E-06	0.059181	0.783078					
0.50000	-0.016204	0.120117					0.047932
6.83E-06	-0.001003	0.632257					
0.75000	-0.016204	0.120117					0.047932
6.83E-06	-0.061187	0.481436					
1.00000	-0.016204	0.120117					0.047932
6.83E-06	-0.121371	0.330616					
LOAD -P9		P		V2		V3	
REL_DIST	T	M2	M3				
0.00000	0.013563	-0.130323					-0.048319
-6.79E-06	-0.122548	0.425919					
0.25000	0.013563	-0.130323					-0.048319
-6.79E-06	-0.061878	0.589555					
0.50000	0.013563	-0.130323					-0.048319
-6.79E-06	-0.001208	0.753191					
0.75000	0.013563	-0.130323					-0.048319
-6.79E-06	0.059462	0.916827					
1.00000	0.013563	-0.130323					-0.048319
-6.79E-06	0.120132	1.080463					
LOAD -P10		P		V2		V3	
REL_DIST	T	M2	M3				
0.00000	-0.004032	0.061463					0.005198
-2.34E-08	0.014578	-0.788582					
0.25000	-0.004032	0.061463					0.005198
-2.34E-08	0.008051	-0.865756					
0.50000	-0.004032	0.061463					0.005198
-2.34E-08	0.001524	-0.942930					
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REL_DIST		P		V2		V3	

				2.3E-06				-0.008595				-1.409039								7.09E-06				0.003071				-1.868801																											
				0.25000				-0.002029				0.062017				-0.004434								0.75000				-0.000419				0.058262				-0.011104																			
LOAD				-A2																				LOAD				-A2																											
REL_DIST				T				M2				P				M3				V2				V3				REL_DIST				T				M2				P				M3				V2				V3			
0.00000				7.59E-05				-0.011496																0.00000				0.004329				-0.055570				-0.018409																			
-2.36E-07				-0.001081				0.202718																7.45E-06				-0.043172				-2.018821																							
0.25000				7.59E-05				-0.011496																0.25000				0.004329				-0.055570				-0.018409																			
-2.36E-07				-0.000727				0.217152																0.50000				0.004329				-0.055570				-0.018409																			
0.50000				7.59E-05				-0.011496																7.45E-06				0.003600				-1.879260				-0.018409																			
-2.36E-07				-0.000373				0.231585																0.75000				0.004329				-0.055570				-0.018409																			
-2.36E-07				-0.001900				0.214900																7.45E-06				0.026176				-1.809488				-0.018409																			
-2.36E-07				-1.90E-05				0.246019																1.00000				0.004329				-0.055570				-0.018409																			
1.00000				7.59E-05				-0.011496																7.45E-06				0.049292				-1.739711																							
-2.36E-07				-0.000335				0.260452																																															
LOAD				-2N+1-																																																			
REL_DIST				T				M2				P				M3				V2				V3				REL_DIST				T				M2				P				M3				V2				V3			
0.00000				0.018521				-0.183949																0.00000				-0.001585				0.010185				0.003234																			
-8.54E-06				-0.127881				0.753566																0.25000				-0.001585				0.010185				0.003234																			
0.25000				0.018521				-0.183949																-1.29E-06				0.003500				0.363060				0.003234																			
-8.54E-06				-0.064938				0.984523																0.50000				-0.001585				0.010185				0.003234																			
0.50000				0.018521				-0.183949																-1.29E-06				-0.005623				0.347571				0.003234																			
-8.54E-06				-0.001995				1.215480																-1.29E-06				-0.001585				0.010185				0.003234																			
Program				SAP2000				Nonlinear				Version				7.42								File:2교부산반항S1-S404.OUT																															
<				UNEQUAL				Page				SETTLEMENT				>				<				UNEQUAL				Page				SETTLEMENT				>																			
FRAME				ELEMENT				INTERNAL				FORCES				FRAME				ELEMENT				INTERNAL				FORCES				FRAME				ELEMENT				INTERNAL				FORCES											
REL_DIST				T				M2				P				M3				V2				V3				REL_DIST				T				M2				P				M3				V2				V3			
0.75000				0.018521				-0.183949																0.75000				-0.000616				-0.010756				0.001911																			
-8.54E-06				0.060948				1.446436																-1.08E-06				-0.002963				0.358999				0.001911																			
1.00000				0.018521				-0.183949																-1.08E-06				-0.005362				0.372505																							
-8.54E-06				0.123890				1.677393																																															
LOAD				-2N+2-																																																			
REL_DIST				T				M2				P				M3				V2				V3				REL_DIST				T				M2				P				M3				V2				V3			
0.00000				0.016078				0.183258				0.043571												0.75000				-0.000616				-0.010756				0.001911																			
1.16E-05				0.12912				-1.665500				0.183258				0.043571								-1.08E-06				-0.002963				0.358999				0.001911																			
0.25000				0.016078				-1.895626				0.183258				0.043571								-1.08E-06				-0.005362				0.372505																							
-1.16E-05				-0.058197				-1.895626				0.183258				0.043571																																							
0.50000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				-0.003483				2.125753				0.183258				0.043571																																							
0.75000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.051232				2.355879				0.183258				0.043571																																							
1.00000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.105947				2.586006				0.183258				0.043571																																							
LOAD				-2N+1-																																																			
REL_DIST				T				M2				P				M3				V2				V3				REL_DIST				T				M2				P				M3				V2				V3			
0.00000				0.016078				0.183258				0.043571												0.75000				-0.000616				-0.010756				0.001911																			
1.16E-05				0.12912				-1.665500				0.183258				0.043571								-1.08E-06				-0.002963				0.358999				0.001911																			
0.25000				0.016078				-1.895626				0.183258				0.043571								-1.08E-06				-0.005362				0.372505																							
-1.16E-05				-0.058197				-1.895626				0.183258				0.043571																																							
0.50000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.003483				2.125753				0.183258				0.043571																																							
0.75000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.051232				2.355879				0.183258				0.043571																																							
1.00000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.105947				2.586006				0.183258				0.043571																																							
LOAD				-2N+2-																																																			
REL_DIST				T				M2				P				M3				V2				V3				REL_DIST				T				M2				P				M3				V2				V3			
0.00000				0.016078				0.183258				0.043571												0.75000				-0.000616				-0.010756				0.001911																			
1.16E-05				0.12912				-1.665500				0.183258				0.043571								-1.08E-06				-0.002963				0.358999				0.001911																			
0.25000				0.016078				-1.895626				0.183258				0.043571								-1.08E-06				-0.005362				0.372505																							
-1.16E-05				-0.058197				-1.895626				0.183258				0.043571																																							
0.50000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.003483				2.125753				0.183258				0.043571																																							
0.75000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.051232				2.355879				0.183258				0.043571																																							
1.00000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.105947				2.586006				0.183258				0.043571																																							
LOAD				-2N+2-																																																			
REL_DIST				T				M2				P				M3				V2				V3				REL_DIST				T				M2				P				M3				V2				V3			
0.00000				0.016078				0.183258				0.043571												0.75000				-0.000616				-0.010756				0.001911																			
1.16E-05				0.12912				-1.665500				0.183258				0.043571								-1.08E-06				-0.002963				0.358999				0.001911																			
0.25000				0.016078				-1.895626				0.183258				0.043571								-1.08E-06				-0.005362				0.372505																							
-1.16E-05				-0.058197				-1.895626				0.183258				0.043571																																							
0.50000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.003483				2.125753				0.183258				0.043571																																							
0.75000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.051232				2.355879				0.183258				0.043571																																							
1.00000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.105947				2.586006				0.183258				0.043571																																							
LOAD				-2N+2-																																																			
REL_DIST				T				M2				P				M3				V2				V3				REL_DIST				T				M2				P				M3				V2				V3			
0.00000				0.016078				0.183258				0.043571												0.75000				-0.000616				-0.010756				0.001911																			
1.16E-05				0.12912				-1.665500				0.183258				0.043571								-1.08E-06				-0.002963				0.358999				0.001911																			
0.25000				0.016078				-1.895626				0.183258				0.043571								-1.08E-06				-0.005362				0.372505																							
-1.16E-05				-0.058197				-1.895626				0.183258				0.043571																																							
0.50000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.003483				2.125753				0.183258				0.043571																																							
0.75000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.051232				2.355879				0.183258				0.043571																																							
1.00000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.105947				2.586006				0.183258				0.043571																																							
LOAD				-2N+2-																																																			
REL_DIST				T				M2				P				M3				V2				V3				REL_DIST				T				M2				P				M3				V2				V3			
0.00000				0.016078				0.183258				0.043571												0.75000				-0.000616				-0.010756				0.001911																			
1.16E-05				0.12912				-1.665500				0.183258				0.043571								-1.08E-06				-0.002963				0.358999				0.001911																			
0.25000				0.016078				-1.895626				0.183258				0.043571								-1.08E-06				-0.005362				0.372505																							
-1.16E-05				-0.058197				-1.895626				0.183258				0.043571																																							
0.50000				0.016078				-1.895626				0.183258				0.043571																																							
-1.16E-05				0.003483																																																			

3.55E-06	-0.061469	-1.745274			0.00000	-0.008536	0.093277	0.005907	0.00000	-0.007171	-0.052689	0.017337	0.50000	-0.013379	0.127151	0.028197			
0.25000	0.004171	0.043071	-0.025688		4.25E-06	-0.019689	2.737557		1.25E-05	0.038865	2.740532		1.31E-05	-0.004410	2.691606				
3.55E-06	-0.029214	-1.799356							0.25000	-0.007171	-0.052689	0.017337	0.75000	-0.013379	0.127151	0.028197			
0.50000	0.004171	0.043071	-0.025688						1.25E-05	0.017095	2.806693		1.31E-05	-0.039817	2.531943				
3.55E-06	0.003042	-1.853438							0.50000	-0.007171	-0.052689	0.017337	1.00000	-0.013379	0.127151	0.028197			
Program	SAP2000	Nonlinear	Version	7.42					1.25E-05	-0.004674	2.872854		1.31E-05	-0.075224	2.372279				
File:2교부산방향S1-S404.OUT									0.75000	-0.007171	-0.052689	0.017337							
< UNEQUAL Page SETTLEMENT 354 >																			
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			REL_DIST	T	M2	P	M3	V2	V3				
0.75000	0.004171	0.043071	-0.025688						0.00000	0.009531	-0.018405	-0.039102	0.00000	0.012999	-0.120945	-0.044285			
3.55E-06	0.035297	-1.907521							0.25000	0.009531	-0.018405	-0.039102	0.25000	0.012999	-0.120945	-0.044285			
1.00000	0.004171	0.043071	-0.025688						0.50000	0.009531	-0.018405	-0.039102	-6.69E-06	-0.053693	-1.309007	-0.044285			
3.55E-06	0.067553	-1.961603							-6.02E-06	0.002455	-1.496558	-0.039102	0.50000	0.012999	-0.120945	-0.044285			
LOAD -A2									-6.02E-06	0.75000	0.009531	-0.018405	-6.69E-06	0.001916	-1.157136	-0.044285			
REL_DIST	T	M2	P	M3	V2	V3			-6.02E-06	0.25000	0.009531	-0.018405	0.75000	0.012999	-0.120945	-0.044285			
0.00000	-0.001649	-0.007698	0.004551						-6.02E-06	0.50000	0.009531	-0.018405	-6.69E-06	0.057525	-1.005266	-0.044285			
-9.83E-07	0.010872	0.322975							-6.02E-06	0.75000	0.009531	-0.018405	1.00000	0.012999	-0.120945	-0.044285			
0.25000	-0.001649	-0.007698	0.004551						-6.02E-06	1.00000	0.009531	-0.018405	-6.69E-06	0.113134	-0.853395				
-9.83E-07	0.005157	0.332641							LOAD -A2										
0.50000	-0.001649	-0.007698	0.004551						REL_DIST	T	M2	P	M3	V2	V3				
-9.83E-07	-0.000558	0.342308							0.00000	-0.003440	0.259335	0.006748	-1.46E-06	-0.008931	0.041300	0.007098			
0.75000	-0.001649	-0.007698	0.004551						-1.36E-06	-0.003440	0.259335	0.006748	0.25000	-0.004050	0.041300	0.007098			
-9.83E-07	-0.006273	0.351974							0.25000	-0.003440	0.259335	0.006748	-1.46E-06	-0.008931	0.041300	0.007098			
1.00000	-0.001649	-0.007698	0.004551						0.50000	-0.003440	0.259335	0.006748	0.50000	-0.004050	0.041300	0.007098			
-9.83E-07	-0.011988	0.361641							-1.36E-06	-0.002090	0.155344	0.006748	-1.46E-06	-0.017752	-0.011752				
LOAD -2N+1									Program	SAP2000	Nonlinear	Version	7.42						
REL_DIST	T	M2	P	M3	V2	V3			File:2교부산방향S1-S404.OUT				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						
0.00000	-0.009688	0.129655	0.007153						REL_DIST	T	M2	P	M3	V2	V3				
3.99E-06	-0.012036	3.930721							0.00000	-0.008882	-0.036894	0.020860	0.75000	-0.004050	0.041300	0.007098			
0.25000	-0.009688	0.129655	0.007153						1.22E-05	0.046858	3.283100	0.020860	-1.46E-06	-0.008931	-0.063613	0.007098			
3.99E-06	0.003055	3.767918							0.25000	-0.008882	-0.036894	0.020860	-1.46E-06	-0.004050	0.041300	0.007098			
0.50000	-0.009688	0.129655	0.007153						1.22E-05	0.020665	3.329427	0.020860	LOAD -2N+1						
-9.99E-06	-0.005927	3.605115							0.50000	-0.008882	-0.036894	0.020860	REL_DIST	T	M2	P	M3	V2	V3
Program	SAP2000	Nonlinear	Version	7.42					1.22E-05	-0.005529	3.375755	0.020860	0.00000	-0.016767	0.179207				
File:2교부산방향S1-S404.OUT									0.75000	-0.008882	-0.036894	0.020860	1.25E-05	0.078922	3.475282				
< UNEQUAL Page SETTLEMENT 356 >									1.22E-05	-0.031723	3.422082	0.020860	0.25000	-0.016767	0.179207				
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									1.22E-05	-0.008882	-0.036894	0.020860	0.50000	-0.016767	0.179207				
REL_DIST	T	M2	P	M3	V2	V3			LOAD -2N+2				REL_DIST	T	M2	P	M3	V2	V3
0.75000	-0.009688	0.129655	0.007153						0.00000	-0.016767	0.179207	0.033414	0.00000	-0.016767	0.179207				
3.99E-06	-0.014908	3.442313							1.25E-05	0.078922	3.475282	0.033414	1.25E-05	0.078922	3.475282				
1.00000	-0.009688	0.129655	0.007153						0.25000	-0.016767	0.179207	0.033414	0.25000	-0.016767	0.179207				
3.99E-06	-0.023890	3.279510							1.25E-05	0.039664	3.250251	0.033414	1.25E-05	0.039664	3.250251				
LOAD -2N+2									0.50000	-0.016767	0.179207	0.033414	0.50000	-0.016767	0.179207				
REL_DIST	T	M2	P	M3	V2	V3			1.25E-05	0.004994	3.025220	0.033414	1.25E-05	0.004994	3.025220				
0.00000	0.009688	-0.129655	-0.007153						0.75000	-0.016767	0.179207	0.033414	0.75000	-0.016767	0.179207				
-3.99E-06	0.012036	-3.930721							1.00000	-0.016767	0.179207	0.033414	1.00000	-0.016767	0.179207				
0.25000	-0.009688	-0.129655	-0.007153						1.25E-05	-0.046951	2.800189	0.033414	1.25E-05	-0.046951	2.800189				
-3.99E-06	-0.003055	-3.767918							0.50000	-0.008882	-0.036894	0.020860	0.50000	-0.008882	-0.036894				
0.50000	-0.009688	-0.129655	-0.007153						-1.22E-05	0.031723	-3.422082	0.020860	0.75000	-0.016767	0.179207				
-3.99E-06	0.005927	-3.605115							1.00000	0.008882	0.036894	0.020860	1.00000	0.008882	0.036894				
0.75000	-0.009688	-0.129655	-0.007153						-1.22E-05	0.057916	-3.468410		1.25E-05	0.088909	-2.575158				
-3.99E-06	0.014908	-3.442313							COMB SETTLE			MAX	REL_DIST	T	M2	P	M3	V2	V3
-3.99E-06	0.009688	-0.129655	-0.007153						0.00000	0.009531	0.055300	0.020860	0.00000	0.016767	-0.179207				
0.25000	-0.009688	-0.129655	-0.007153						1.25E-05	0.048886	3.283100	0.020860	-1.25E-05	-0.078922	-3.475282				
-3.99E-06	-0.003055	-3.767918							0.25000	-0.009531	0.055300	0.020860	0.25000	-0.016767	-0.179207				
0.50000	-0.009688	-0.129655	-0.007153						1.25E-05	0.025979	3.329427	0.020860	0.50000	-0.016767	-0.179207				
-3.99E-06	0.005927	-3.605115							0.50000	0.009531	0.055300	0.020860	-1.25E-05	-0.04994	-3.025220				
0.75000	-0.009688	-0.129655	-0.007153						1.25E-05	0.005529	3.375755	0.020860	0.75000	-0.016767	-0.179207				
-3.99E-06	0.014908	-3.442313							0.25000	-0.009531	0.055300	0.020860	1.00000	-0.016767	-0.179207				
-3.99E-06	0.009688	-0.129655	-0.007153																

LOAD	-P9	-----				
REL_DIST	M2	P	M3	V2	V3	
0.00000	-0.014886		0.131847		0.037402	
1.09E-05	0.090610		2.380607			
0.25000	-0.014886		0.131847		0.037402	
1.09E-05	0.043651		2.215073			
0.50000	-0.014886		0.131847		0.037402	
1.09E-05	-0.003307		2.063407			
0.75000	-0.014886		0.131847		0.037402	
1.09E-05	-0.050266		1.884006			
1.00000	-0.014886		0.131847		0.037402	
1.09E-05	-0.097225		1.718473			
LOAD	-P10	-----				
REL_DIST	M2	P	M3	V2	V3	
0.00000	0.013720		-0.121316		-0.047638	
-6.37E-06	-0.118705		-0.865039			
0.25000	0.013720		-0.121316		-0.047638	
-6.37E-06	-0.058895		-0.712726			
0.50000	0.013720		-0.121316		-0.047638	
-6.37E-06	0.000915		-0.560414			
0.75000	0.013720		-0.121316		-0.047638	
-6.37E-06	0.060725		-0.408101			
1.00000	0.013720		-0.121316		-0.047638	
-6.37E-06	0.120535		-0.255789			
LOAD	-A2	-----				
REL_DIST	M2	P	M3	V2	V3	
0.00000	-0.004133		0.040239		0.006731	
-1.27E-06	0.017216		-0.113713			
0.25000	-0.004133		0.040239		0.006731	
-1.27E-06	0.008766		-0.164232			
0.50000	-0.004133		0.040239		0.006731	
-1.27E-06	0.000315		-0.214752			
0.75000	-0.004133		0.040239		0.006731	
-1.27E-06	-0.008135		-0.265272			
1.00000	-0.004133		0.040239		0.006731	
-1.27E-06	-0.016585		-0.315791			
LOAD	-2N+1	-----				
REL_DIST	M2	P	M3	V2	V3	
0.00000	-0.018803		0.183615		0.043475	
1.1E-05	0.105707		2.584930			
0.25000	-0.018803		0.183615		0.043475	
1.01E-05	0.051123		2.354401			
0.50000	-0.018803		0.183615		0.043475	
1.01E-05	-0.003460		2.123873			
0.75000	-0.018803		0.183615		0.043475	
1.01E-05	-0.058044		1.893344			
1.00000	-0.018803		0.183615		0.043475	
1.01E-05	-0.112627		1.662816			
LOAD	-2N+2	-----				
REL_DIST	M2	P	M3	V2	V3	
0.00000	0.018803		-0.183615		-0.043475	
-1.01E-05	-0.105707		-2.584930			
0.25000	0.018803		-0.183615		-0.043475	
-1.01E-05	-0.051123		-2.354401			
0.50000	0.018803		-0.183615		-0.043475	
-1.01E-05	0.003460		-2.123873			
0.75000	0.018803		-0.183615		-0.043475	
-1.01E-05	0.058044		-1.893344			
1.00000	0.018803		-0.183615		-0.043475	
-1.01E-05	0.112627		-1.662816			
Program	SAP2000	Nonlinear	Version	7.42		
File:2교부산방향S1-S404.OUT						
<	UNEQUAL	Page	SETTLEMENT	>		
			361			
FRAME	ELEMENT	INTERNAL				
FORCES						
COMB	SETTLE	-----	MAX			
REL_DIST	M2	P	M3	V2	V3	
0.00000	0.018803		0.183615		0.043475	
1.09E-05	0.105707		2.584930			
0.25000	0.018803		0.183615		0.043475	
1.09E-05	0.051123		2.354401			
0.50000	0.018803		0.183615		0.043475	
1.09E-05	0.003460		2.123873			
0.75000	0.018803		0.183615		0.043475	
1.09E-05	0.060725		1.893344			
1.00000	0.018803		0.183615		0.043475	
1.09E-05	0.120535		1.718473			
COMB	SETTLE	-----	MIN			
REL_DIST	M2	P	M3	V2	V3	
0.00000	-0.018803		-0.183615		-0.047638	
-1.01E-05	-0.105707		-2.584930			
0.25000	-0.018803		-0.183615		-0.047638	
-1.01E-05	-0.058895		-2.354401			
0.50000	-0.018803		-0.183615		-0.047638	
-1.01E-05	-0.003460		-2.123873			
0.75000	-0.018803		-0.183615		-0.047638	
-1.01E-05	-0.058044		-1.893344			
1.00000	-0.018803		-0.183615		-0.047638	
-1.01E-05	-0.112627		-1.662816			
ELEM	205	=====	LENGTH =			
5.023206						
LOAD	-P7	-----				
REL_DIST	M2	P	M3	V2	V3	
0.00000	-0.000113		0.011412		0.000337	
6.47E-08	0.000473		0.260095			
0.25000	-0.000113		0.011412		0.000337	
6.47E-08	4.90E-05		0.245768			
0.50000	-0.000113		0.011412		0.000337	
6.47E-08	-0.000375		0.231437			
0.75000	-0.000113		0.011412		0.000337	
6.47E-08	-0.000798		0.217106			
1.00000	-0.000113		0.011412		0.000337	
6.47E-08	-0.001222		0.202775			
LOAD	-P8	-----				
REL_DIST	M2	P	M3	V2	V3	
0.00000	0.005957		-0.061700		-0.001294	
-1.27E-06	-0.001213		-1.406692			
0.25000	0.005957		-0.061700		-0.001294	
-1.27E-06	0.000412		-1.329210			
0.50000	0.005957		-0.061700		-0.001294	
-1.27E-06	0.002036		-1.251728			
0.75000	0.005957		-0.061700		-0.001294	
-1.27E-06	0.003661		-1.174245			
1.00000	0.005957		-0.061700		-0.001294	
-1.27E-06	0.005286		-1.096763			
LOAD	-P9	-----				
REL_DIST	M2	P	M3	V2	V3	
0.00000						
2.09E-06						
0.25000						
2.09E-06						
0.50000						
2.09E-06						
0.75000						
2.09E-06						
1.00000						
2.09E-06						
0.25000						
2.09E-06						
0.50000						
2.09E-06						
0.75000						
2.09E-06						
1.00000						
2.09E-06						
0.25000						
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2.09E-06						
0.75000						
2.09E-06						
1.00000						
2.09E-06						
0.25000						
2.09E-06						
0.50000						
2.09E-06						
0.75000						
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1.00000						
2.09E-06						
0.25000						
2.09E-06						
0.50000						
2.09E-06						
0.75000						
2.09E-06						
1.00000						
2.09E-06						
0.25000						
2.09E-06						
0.50000						
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1.00000						
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0.25000						
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1.00000						
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1.00000						
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1.00000						
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0.50000						
2.09E-06						
0.75000						
2.09E-06						
1.00000						
2.09E-06						
0.25000						
2.09E-06						
0.50000						
2.09E-06						
0.75000						
2.09E-06						

2.72E-06	-0.012593	-0.424120	
0.50000	0.006991	-0.072263	-0.010456
2.72E-06	0.000535	-0.353389	
0.75000	0.000935	-0.072263	-0.010456
2.72E-06	0.013664	-0.242659	
1.00000	0.006991	-0.072263	-0.010456
2.72E-06	0.026792	-0.151929	
LOAD -P9-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014557	0.131157	0.048373
5.76E-06	0.122446	-0.233831	
0.25000	-0.014557	0.131157	0.048373
5.76E-06	0.061710	-0.398507	
0.50000	-0.014557	0.131157	0.048373
5.76E-06	0.000974	-0.563183	
0.75000	-0.014557	0.131157	0.048373
5.76E-06	-0.059761	-0.727859	
1.00000	-0.014557	0.131157	0.048373
5.76E-06	-0.120497	-0.892534	
LOAD -P10-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.010853	-0.097270	-0.037056
-1.18E-05	-0.096173	1.645914	
0.25000	0.010853	-0.097270	-0.037056
-1.18E-05	-0.049647	1.768042	
0.50000	0.010853	-0.097270	-0.037056
-1.00E-05	-0.003121	1.890170	
0.75000	0.010853	-0.097270	-0.037056
-1.18E-05	0.043405	2.012299	
1.00000	0.010853	-0.097270	-0.037056
-1.18E-05	0.089931	2.134427	
LOAD -A2-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002614	0.025011	-0.002867
3.90E-06	-0.005491	-0.992434	
0.25000	-0.002614	0.025011	-0.002867
3.90E-06	-0.001891	-1.023837	
0.50000	-0.002614	0.025011	-0.002867
3.90E-06	0.001709	-1.055239	
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REL_DIST	P	V2	V3
T	M2	M3	
0.75000	-0.002614	0.025011	-0.002867
3.90E-06	0.005309	-1.086642	
1.00000	-0.002614	0.025011	-0.002867
3.90E-06	0.008909	-1.118045	
LOAD -2N+1-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.017843	0.169533	0.047512
9.08E-06	0.121894	-1.131064	
0.25000	-0.017843	0.169533	0.047512
9.08E-06	0.062240	-1.343923	
0.50000	-0.017843	0.169533	0.047512
9.08E-06	0.002585	-1.556781	
0.75000	-0.017843	0.169533	0.047512
9.08E-06	-0.057069	-1.769639	
1.00000	-0.017843	0.169533	0.047512
9.08E-06	-0.116723	-1.982498	
LOAD -2N+2-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.017843	-0.169533	-0.047512
-9.08E-06	0.121894	1.131064	
0.25000	-0.017843	-0.169533	-0.047512
-9.08E-06	-0.062240	1.343923	
0.50000	0.017843	-0.169533	-0.047512
-9.08E-06	-0.002585	1.556781	
0.75000	0.017843	-0.169533	-0.047512
-9.08E-06	0.057069	1.769639	
1.00000	0.017843	-0.169533	-0.047512
-9.08E-06	0.116723	1.982498	
COMB SETTLE ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.017843	0.169533	0.048373
9.08E-06	0.122446	1.645914	
0.25000	0.017843	0.169533	0.048373
9.08E-06	0.062240	1.768042	
0.50000	0.017843	0.169533	0.048373
9.08E-06	0.002585	1.890170	
0.75000	0.017843	0.169533	0.048373
9.08E-06	0.057069	2.012299	
1.00000	0.017843	0.169533	0.048373
9.08E-06	0.116723	2.134427	
COMB SETTLE ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.017843	-0.169533	-0.047512
-1.18E-05	-0.121894	-1.131064	
-1.18E-05	-0.062240	-1.343923	
0.50000	-0.017843	-0.169533	-0.047512
-1.18E-05	-0.003121	-1.556781	
0.75000	-0.017843	-0.169533	-0.047512
-1.18E-05	-0.059761	-1.769639	
1.00000	-0.017843	-0.169533	-0.047512
-1.18E-05	-0.120497	-1.982498	
ELEM 209 ===== LENGTH = 5.022640			
LOAD -P7-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000603	0.010166	0.002116
-5.16E-07	0.002656	0.028606	
0.25000	-0.000603	0.010166	0.002116
-6.16E-07	0.002656	0.015841	
0.50000	-0.000603	0.010166	0.002116
-6.16E-07	-9.63E-07	0.003075	
0.75000	-0.000603	0.010166	0.002116
-5.16E-07	-0.000603	-0.001166	
1.00000	-0.000603	0.010166	0.002116
-6.16E-07	-0.005315	-0.022456	
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LOAD -P8-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.006116	-0.054970	-0.011069
2.92E-06	-0.027791	-0.154669	
0.25000	0.006116	-0.054970	-0.011069
2.92E-06	-0.013892	-0.085649	
0.50000	0.006116	-0.054970	-0.011069
2.92E-06	7.12E-06	-0.016621	
0.75000	0.006116	-0.054970	-0.011069
2.92E-06	0.013906	0.052402	
1.00000	0.006116	-0.054970	-0.011069
2.92E-06	0.027805	0.121426	
LOAD -P9-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010815	0.052931	0.045029
6.28E-06	0.114796	-0.860717	
0.25000	-0.010815	0.052931	0.045029
6.28E-06	0.058255	-0.947180	
0.50000	-0.010815	0.052931	0.045029
6.28E-06	0.001714	-1.013643	
0.75000	-0.010815	0.052931	0.045029
6.28E-06	-0.054827	-1.080106	
1.00000	-0.010815	0.052931	0.045029
6.28E-06	-0.111368	-1.146569	
LOAD -P10-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.005855	0.020554	-0.029115
-1.34E-05	-0.076527	2.126063	
0.25000	0.005855	0.020554	-0.029115
-1.34E-05	-0.039969	2.100255	
0.50000	0.005855	0.020554	-0.029115
-1.34E-05	-0.003411	2.074446	
0.75000	0.005855	0.020554	-0.029115
-1.34E-05	0.033147	2.048638	
1.00000	0.005855	0.020554	-0.029115
-1.34E-05	0.069706	2.022830	
LOAD -A2-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005553	0.029681	-0.006961
4.81E-06	-0.015790	-1.119283	
0.25000	-0.005553	0.029681	-0.006961
4.81E-06	-0.007050	-1.083270	
0.50000	-0.005553	0.029681	-0.006961
4.81E-06	0.001691	-1.047257	
0.75000	-0.005553	0.029681	-0.006961
4.81E-06	0.010431	-1.011244	
1.00000	-0.005553	0.029681	-0.006961
4.81E-06	0.019171	-0.975231	
LOAD -2N+1-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.011970	0.034417	0.040184
1.05E-05	0.104318	-1.971394	
0.25000	-0.011970	0.034417	0.040184
1.05E-05	0.053861	-2.014609	
0.50000	-0.011970	0.034417	0.040184
1.05E-05	0.003404	-2.057825	
0.75000	-0.011970	0.034417	0.040184
1.05E-05	-0.047054	-2.101040	
1.00000	-0.011970	0.034417	0.040184
1.05E-05	-0.097511	-2.144256	
LOAD -2N+2-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.011970	-0.034417	-0.040184
-1.05E-05	-0.104318	1.971394	
0.25000	0.011970	-0.034417	-0.040184
-1.05E-05	-0.053861	2.014609	
0.50000	0.011970	-0.034417	-0.040184
-1.05E-05	0.003404	2.057825	
0.75000	0.011970	-0.034417	-0.040184
-1.05E-05	0.047054	2.101040	
1.00000	0.011970	-0.034417	-0.040184
-1.05E-05	0.097511	2.144256	
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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 SETTLE ----- MAX			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	0.011970	0.052931	0.045029
1.05E-05	0.114796	2.126063	
0.25000	0.011970	0.052931	0.045029
1.05E-05	0.058255	2.100255	
0.50000	0.011970	0.052931	0.045029
1.05E-05	0.003404	2.074446	
0.75000	0.011970	0.052931	0.045029
1.05E-05	0.047054	2.101040	
1.00000	0.011970	0.052931	0.045029
1.05E-05	0.097511	2.144256	
COMB SETTLE ----- MIN			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.011970	-0.054970	-0.040184
-1.34E-05	-0.104318	-1.971394	
0.25000	-0.011970	-0.054970	-0.040184
-1.34E-05	-0.053861	-2.014609	
0.50000	-0.011970	-0.054970	-0.040184
-1.34E-05	-0.003411	-2.057825	
0.75000	-0.011970	-0.054970	-0.040184
-1.34E-05	-0.054827	-2.101040	
1.00000	-0.011970	-0.054970	-0.040184
-1.34E-05	-0.111368	-2.144256	
ELEM 210 ===== LENGTH = 5.023175			
LOAD -P7-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000448	0.005498	0.002038
-6.24E-07	0.005179	-0.021929	
0.25000	-0.000448	0.005498	0.002038
-6.24E-07	0.002620	-0.028834	
0.50000	-0.000448	0.005498	0.002038
-6.24E-07	6.04E-05	-0.035739	
0.75000	-0.000448	0.005498	0.002038
-6.24E-07	-0.002499	-0.042643	
1.00000	-0.000448	0.005498	0.002038
-6.24E-07	-0.005058	-0.049548	
LOAD -P8-----			
REL_DIST	P	V2	V3
T	M2	M3	
0.00000	-0.0004835	0.026478	0.040464
5.29E-06	0.103614	-1.135769	
0.25000	-0.0004835	0.026478	0.040464
5.29E-06	0.007949	-1.166759	
0.50000	-0.0004835	0.026478	0.040464
5.29E-06	-0.007949	0.026478	
0.75000	-0.0004835	0.026478	0.040464
5.29E-06	-0.048830	-1.228740	
1.00000	-0.0004835	0.026478	0.040464
5.29E-06	-0.099645	-1.259730	
LOAD -P9-----			

-5.69E-07	-0.001771	-0.092094		
1.00000	-0.000179	0.02913		
-5.69E-07	-0.003687	-0.095751		0.001526
LOAD -P8 -----				
REL_DIST	P	M2	M3	V2 V3
0.00000		0.002671	0.015682	
2.95E-06	-0.020519	0.438988		-0.007854
0.25000	0.002671	-0.015682		-0.007854
2.95E-06	-0.010655	0.458682		-0.007854
0.50000	0.002671	-0.015682		-0.007854
2.95E-06	-0.000792	0.478376		-0.007854
0.75000	0.002671	-0.015682		-0.007854
2.95E-06	-0.000792	0.498071		-0.007854
1.00000	0.002671	-0.015682		-0.007854
2.95E-06	0.018936	0.517765		-0.007854
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FRAME ELEMENT INTERNAL FORCES				
LOAD -P9 -----				
REL_DIST	P	M2	M3	V2 V3
0.00000		-0.03690	0.056921	
-3.98E-06	-0.074838	-1.614229		0.028639
0.25000	-0.003680	0.056821		0.028639
-3.98E-06	0.038872	-1.685587		0.028639
0.50000	-0.003680	0.056821		0.028639
-3.98E-06	0.002907	-1.756946		0.028639
0.75000	-0.003680	0.056821		0.028639
-3.98E-06	-0.033059	-1.828304		0.028639
1.00000	-0.003680	0.056821		0.028639
-3.98E-06	-0.069024	-1.899663		0.028639
LOAD -P10 -----				
REL_DIST	P	M2	M3	V2 V3
0.00000		-0.001318	0.032701	
-5.20E-06	-0.044276	-0.992309		-0.018317
0.25000	0.001318	0.032701		-0.018317
-5.20E-06	-0.021273	-1.033376		-0.018317
0.50000	0.001318	0.032701		-0.018317
-5.20E-06	0.001730	-1.074443		-0.018317
0.75000	0.001318	0.032701		-0.018317
-5.20E-06	0.024733	-1.115510		-0.018317
1.00000	0.001318	0.032701		-0.018317
-5.20E-06	0.006040	-2.634226		-0.018317
LOAD -A2 -----				
REL_DIST	P	M2	M3	V2 V3
0.00000		0.001318	0.032701	
-5.20E-06	-0.044276	-0.992309		-0.018317
0.25000	0.001318	0.032701		-0.018317
-5.20E-06	-0.021273	-1.033376		-0.018317
0.50000	0.001318	0.032701		-0.018317
-5.20E-06	0.001730	-1.074443		-0.018317
0.75000	0.001318	0.032701		-0.018317
-5.20E-06	0.024733	-1.115510		-0.018317
1.00000	0.001318	0.032701		-0.018317
-5.20E-06	0.006040	-2.634226		-0.018317
LOAD -2N+1-----				
REL_DIST	P	M2	M3	V2 V3
0.00000		-0.002541	0.092435	
-9.75E-06	0.034541	-2.687658		0.011848
0.25000	-0.002541	0.092435		0.011848
-9.75E-06	-0.019662	2.803741		0.011848
0.50000	-0.002541	0.092435		0.011848
-9.75E-06	0.004782	-2.919824		0.011848
0.75000	-0.002541	0.092435		0.011848
-9.75E-06	-0.010097	-3.035908		0.011848
1.00000	-0.002541	0.092435		0.011848
-9.75E-06	-0.024976	-3.151991		0.011848
LOAD -2N+2-----				
REL_DIST	P	M2	M3	V2 V3
0.00000		0.002541	-0.092435	
9.75E-06	-0.034541	2.687658		-0.011848
0.25000	0.002541	-0.092435		-0.011848
9.75E-06	-0.019662	2.803741		-0.011848
0.50000	0.002541	-0.092435		-0.011848
9.75E-06	-0.004782	2.919824		-0.011848
0.75000	0.002541	-0.092435		-0.011848
9.75E-06	0.010097	3.035908		-0.011848
1.00000	0.002541	-0.092435		-0.011848
9.75E-06	0.024976	3.151991		-0.011848
COMB SETTLE ----- MAX				
REL_DIST	P	M2	M3	V2 V3
0.00000		0.002671	0.092435	
9.75E-06	0.074838	2.687658		0.028639
0.25000	0.002671	-0.092435		0.028639
9.75E-06	0.038872	2.803741		0.028639
0.50000	0.002671	-0.092435		0.028639
9.75E-06	0.004782	2.919824		0.028639
0.75000	0.002671	-0.092435		0.028639
9.75E-06	0.024733	3.035908		0.028639
1.00000	0.002671	-0.092435		0.028639
9.75E-06	0.047736	3.151991		0.028639
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FRAME ELEMENT INTERNAL FORCES				
COMB SETTLE ----- MIN				
REL_DIST	P	M2	M3	V2 V3
0.00000		-0.003680	-0.092435	
-9.75E-06	-0.044276	-2.687658		-0.018317
0.25000	-0.003680	-0.092435		-0.018317
-9.75E-06	0.021273	-2.803741		-0.018317
0.50000	-0.003680	-0.092435		-0.018317
-9.75E-06	-0.004782	-2.919824		-0.018317
0.75000	-0.003680	-0.092435		-0.018317
-9.75E-06	-0.033059	-3.035908		-0.018317
1.00000	-0.003680	-0.092435		-0.018317
-9.75E-06	-0.069024	-3.151991		-0.018317
ELEM 213 ===== LENGTH =				
5.021984				
LOAD -P7 -----				
REL_DIST	P	M2	M3	V2 V3
0.00000		-0.001107	0.003985	
-4.73E-07	0.003046	-0.095413		0.001144

0.25000	-0.000107	0.003985	0.001144	
-4.73E-07	0.001610	-0.100416		
0.50000	-0.000107	0.003985	0.001144	
-4.73E-07	0.000173	-0.105419		
0.75000	-0.000107	0.003985	0.001144	
-4.73E-07	-0.001263	-0.110422		
1.00000	-0.000107	0.003985	0.001144	
-4.73E-07	-0.002700	-0.115425		
LOAD -P8 -----				
REL_DIST	P	M2	M3	V2 V3
0.00000		0.002030	-0.021543	-0.005767
2.55E-06	-0.015421	0.516040		
0.25000	0.002030	-0.021543		-0.005767
2.55E-06	-0.008180	0.543087		
0.50000	0.002030	-0.021543		-0.005767
2.55E-06	-0.000939	0.570135		
0.75000	0.002030	-0.021543		-0.005767
2.55E-06	0.006302	0.597182		
1.00000	0.002030	-0.021543		-0.005767
2.55E-06	0.013543	0.624230		
LOAD -P9 -----				
REL_DIST	P	M2	M3	V2 V3
0.00000		-0.002424	0.079284	0.020919
-8.37E-06	0.055986	-1.893385		
0.25000	-0.002424	0.079284		0.020919
-8.37E-06	0.029722	-1.992926		
0.50000	-0.002424	0.079284		0.020919
-8.37E-06	0.003458	-2.092467		
0.75000	-0.002424	0.079284		0.020919
-8.37E-06	-0.022806	-2.192009		
1.00000	-0.002424	0.079284		0.020919
-8.37E-06	-0.049071	-2.291550		
LOAD -P10 -----				
REL_DIST	P	M2	M3	V2 V3
0.00000		-0.001040	0.108476	0.006625
1.60E-05	0.011864	2.634519		
0.25000	-0.001040	0.108476		0.006625
1.60E-05	0.003547	2.770711		
0.50000	-0.001040	0.108476		0.006625
1.60E-05	-0.004771	2.906902		
0.75000	-0.001040	0.108476		0.006625
1.60E-05	-0.013088	3.043093		
1.00000	-0.001040	0.108476		0.006625
1.60E-05	-0.021405	3.179284		
LOAD -A2 -----				
REL_DIST	P	M2	M3	V2 V3
0.00000		0.001541	0.046750	-0.022921
-9.69E-06	-0.055476	-1.161760		
0.25000	0.001541	0.046750		-0.022921
-9.69E-06	-0.026898	-1.220455		
0.50000	0.001541	0.046750		-0.022921
-9.69E-06	0.002079	-1.279150		
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LOAD -2N+1-----				
REL_DIST	P	M2	M3	V2 V3
0.75000	0.001541	0.046750		-0.022921
-9.69E-06	0.030856	-1.337845		
1.00000	0.001541	0.046750		-0.022921
-9.69E-06	0.059633	-1.396540		
LOAD -2N+1-----				
REL_DIST	P	M2	M3	V2 V3
0.00000		-0.000989	0.130019	-0.000857
-1.85E-05	0.003557	-3.150559		
0.25000	-0.000989	0.130019		-0.000857
-1.85E-05	0.004633	-3.313798		
0.50000	-0.000989	0.130019		-0.000857
-1.85E-05	0.005710	-3.477036		
0.75000	-0.000989	0.130019		-0.000857
-1.85E-05	0.006786	-3.640275		
1.00000	-0.000989	0.130019		-0.000857
-1.85E-05	0.007863	-3.803514		
LOAD -2N+2-----				
REL_DIST	P	M2	M3	V2 V3
0.00000		-0.000989	-0.130019	0.000857
1.85E-05	-0.003557	3.150559		0.000857
0.25000	-0.000989	-0.130019		0.000857
1.85E-05	-0.004633	3.313798		0.000857
0.50000	-0.000989	-0.130019		0.000857
1.85E-05	-0.005710	3.477036		0.000857
0.75000	-0.000989	-0.130019		0.000857
1.85E-05	-0.006786	3.640275		0.000857
1.00000	-0.000989	-0.130019		0.000857
1.85E-05	-0.007863	3.803514		
COMB SETTLE ----- MAX				
REL_DIST	P	M2	M3	V2 V3
0.00000		0.002030	0.130019	0.020919
1.85E-05	0.055986	3.150559		
0.25000	0.002030	0.130019		0.020919
1.85E-05	0.029722	3.313798		0.020919
0.50000	0.002030	0.130019		0.020919
1.85E-05	0.005710	3.477036		0.020919
0.75000	0.002030	0.130019		0.020919
1.85E-05	0.030856	3.640275		0.020919
1.00000	0.002030	0.130019		0.020919
1.85E-05	0.059633	3.803514		
COMB SETTLE ----- MIN				
REL_DIST	P	M2	M3	V2 V3
0.00000		-0.002424	-0.130019	-0.022921
-1.85E-05	-0.055476	-3.150559		
0.25000	-0.002424	-0.130019		-0.022921
-1.85E-05	-0.026898	-3.313798		
0.50000	-0.002424	-0.130019		-0.022921
-1.85E-05	-0.005710	-3.477036		
0.75000	-0.002424	-0.130019		-0.022921
-1.85E-05	-0.022806	-3.640275		
1.00000	-0.002424	-0.130019		-0.022921
-1.85E-05	-0.049071	-3.803514		
ELEM 214 ===== LENGTH =				
LOAD -P7 -----				
REL_DIST	P	M2	M3	V2 V3
0.00000		0.000127	-0.002347	0.000721
-3.26E-07	0.001991	-0.115191		
0.25000	0.000127	-0.002347		0.000721

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ELEM	216	=====	LENGTH =
5.023392			
LOAD	-P7	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	0.000302	-0.005783	-1.27E-05
-3.83E-08	8.87E-05	-0.089065	
0.25000	0.000302	-0.005783	-1.27E-05
-3.83E-08	0.000105	-0.081803	
0.50000	0.000302	-0.005783	-1.27E-05
-3.83E-08	0.000121	-0.074541	
0.75000	0.000302	-0.005783	-1.27E-05
-3.83E-08	0.000137	-0.067278	
1.00000	0.000302	-0.005783	-1.27E-05
-3.83E-08	0.000153	-0.060016	

LOAD	-P8	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	-0.000783	0.031300	0.000539
2.45E-07	0.003709	0.481763	
0.25000	-0.000783	0.031300	0.000539
2.45E-07	2.25E-05	0.442455	
0.50000	-0.000783	0.031300	0.000539
2.45E-07	-0.000654	0.403146	
0.75000	-0.000783	0.031300	0.000539
2.45E-07	-0.001131	0.363939	
1.00000	-0.000783	0.031300	0.000539
2.45E-07	-0.002008	0.324530	

LOAD	-P9	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	0.005641	-0.114912	-0.002379
-2.72E-06	-0.003569	-1.768352	
0.25000	0.005641	-0.114912	-0.002379
-2.72E-06	-0.000581	-1.624039	
0.50000	0.005641	-0.114912	-0.002379
-2.72E-06	0.002407	-1.479277	
0.75000	0.005641	-0.114912	-0.002379
-2.72E-06	0.005395	-1.335414	
1.00000	0.005641	-0.114912	-0.002379
-2.72E-06	0.008382	-1.191102	

LOAD	-P10	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	-0.010661	0.161423	0.038628
1.00E-05	0.093709	2.461210	
0.25000	-0.010661	0.161423	0.038628
1.00E-05	0.045197	2.258487	
0.50000	-0.010661	0.161423	0.038628
1.00E-05	-0.003314	2.055765	
0.75000	-0.010661	0.161423	0.038628
1.00E-05	-0.051826	1.853042	
1.00000	-0.010661	0.161423	0.038628
1.00E-05	-0.100337	1.650320	

LOAD	-A2	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	0.005502	-0.072028	-0.036776
-7.49E-06	-0.090928	-1.085556	
0.25000	0.005502	-0.072028	-0.036776
-7.49E-06	-0.044743	-0.995100	
0.50000	0.005502	-0.072028	-0.036776
-7.49E-06	0.001441	-0.904644	
0.75000	0.005502	-0.072028	-0.036776
-7.49E-06	0.047626	-0.814188	
1.00000	0.005502	-0.072028	-0.036776
-7.49E-06	0.093810	-0.723732	

LOAD	-2N+1	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	0.011444	-0.192723	-0.039167
-1.03E-05	0.094408	-2.942973	
0.25000	0.011444	-0.192723	-0.039167
-1.03E-05	-0.045220	-2.700942	
0.50000	0.011444	-0.192723	-0.039167
-1.03E-05	0.003969	-2.458911	
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REL_DIST	M2	P	V2
	M3		V3
0.75000	0.011444	-0.192723	-0.039167
-1.03E-05	0.051572	-2.168890	
1.00000	0.011444	-0.192723	-0.039167
-1.03E-05	0.102345	-1.974849	

LOAD	-2N+2	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	-0.011444	0.192723	0.039167
1.03E-05	0.094408	2.942973	
0.25000	-0.011444	0.192723	0.039167
1.03E-05	0.045220	2.700942	
0.50000	-0.011444	0.192723	0.039167
1.03E-05	-0.003969	2.458911	
0.75000	-0.011444	0.192723	0.039167
1.03E-05	-0.053157	2.216880	
1.00000	-0.011444	0.192723	0.039167
1.03E-05	-0.102345	1.974849	

COMB SETTLE	-----	MAX	
REL_DIST	M2	P	V2
	M3		V3
0.00000	-0.011444	-0.192723	-0.039167
-1.03E-05	-0.094408	-2.942973	
0.25000	-0.011444	-0.192723	-0.039167
-1.03E-05	-0.045220	-2.700942	
0.50000	-0.011444	-0.192723	-0.039167
1.03E-05	0.003969	2.458911	
0.75000	-0.011444	-0.192723	-0.039167
1.03E-05	0.053157	2.216880	
1.00000	-0.011444	-0.192723	-0.039167
1.03E-05	0.102345	1.974849	

COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
	M3		V3
0.00000	-0.011444	-0.192723	-0.039167
-1.03E-05	-0.094408	-2.942973	
0.25000	-0.011444	-0.192723	-0.039167
-1.03E-05	-0.045220	-2.700942	
0.50000	-0.011444	-0.192723	-0.039167
-1.03E-05	-0.003969	-2.458911	
0.75000	-0.011444	-0.192723	-0.039167
-1.03E-05	-0.053157	-2.216880	
1.00000	-0.011444	-0.192723	-0.039167

FRAME ELEMENT INTERNAL FORCES

ELEM	217	=====	LENGTH =
5.022224			
LOAD	-P7	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	0.000224	-0.001956	-0.000262
7.16E-08	-0.000569	-0.060052	
0.25000	0.000224	-0.001956	-0.000262
7.16E-08	-0.000240	-0.057596	
0.50000	0.000224	-0.001956	-0.000262
7.16E-08	8.89E-05	-0.055140	
0.75000	0.000224	-0.001956	-0.000262
7.16E-08	0.000418	-0.052684	
1.00000	0.000224	-0.001956	-0.000262
7.16E-08	0.000747	-0.050228	

LOAD	-P8	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	-0.000523	0.010604	0.001899
-3.57E-07	0.0004286	0.324849	
0.25000	-0.000523	0.010604	0.001899
-3.57E-07	0.001902	0.311535	
0.50000	-0.000523	0.010604	0.001899
-3.57E-07	-0.000482	0.298221	
0.75000	-0.000523	0.010604	0.001899
-3.57E-07	-0.002867	0.284907	
1.00000	-0.000523	0.010604	0.001899
-3.57E-07	-0.000251	0.271592	
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FRAME ELEMENT INTERNAL FORCES			
LOAD	-P9	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	0.004199	-0.038942	-0.007405
-2.25E-07	-0.016820	-1.192384	
0.25000	0.004199	-0.038942	-0.007405
-2.25E-07	-0.007522	-1.143490	
0.50000	0.004199	-0.038942	-0.007405
-2.25E-07	0.001775	-1.094596	
0.75000	0.004199	-0.038942	-0.007405
-2.25E-07	0.011072	-1.045702	
1.00000	0.004199	-0.038942	-0.007405
-2.25E-07	0.020369	-0.996807	

LOAD	-P10	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	-0.008143	0.055874	0.045540
6.47E-06	0.111912	1.661003	
0.25000	-0.008143	0.055874	0.045540
6.47E-06	0.054734	1.590850	
0.50000	-0.008143	0.055874	0.045540
6.47E-06	-0.002444	1.520691	
0.75000	-0.008143	0.055874	0.045540
6.47E-06	-0.059622	1.450544	
1.00000	-0.008143	0.055874	0.045540
6.47E-06	-0.116801	1.380391	

LOAD	-A2	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	0.004243	-0.025580	-0.039772
-5.96E-06	-0.098810	-0.733415	
0.25000	0.004243	-0.025580	-0.039772
-5.96E-06	-0.048874	-0.701299	
0.50000	0.004243	-0.025580	-0.039772
-5.96E-06	0.001063	-0.669182	
0.75000	0.004243	-0.025580	-0.039772
-5.96E-06	0.050999	-0.637065	
1.00000	0.004243	-0.025580	-0.039772
-5.96E-06	0.100936	-0.604948	

LOAD	-2N+1	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	0.008666	-0.066478	-0.047439
-6.11E-06	-0.116199	-1.985852	
0.25000	0.008666	-0.066478	-0.047439
-6.11E-06	-0.056636	-1.902385	
0.50000	0.008666	-0.066478	-0.047439
-6.11E-06	0.002927	-1.818918	
0.75000	0.008666	-0.066478	-0.047439
-6.11E-06	0.062489	-1.735450	
1.00000	0.008666	-0.066478	-0.047439
-6.11E-06	0.122052	-1.651983	

LOAD	-2N+2	-----	
REL_DIST	M2	P	V2
	M3		V3
0.00000	-0.008666	0.066478	0.047439
6.11E-06	0.116199	1.985852	
0.25000	-0.008666	0.066478	0.047439
6.11E-06	0.056636	1.902385	
0.50000	-0.008666	0.066478	0.047439
6.11E-06	-0.002927	1.818918	
0.75000	-0.008666	0.066478	0.047439
6.11E-06	-0.062489	1.735450	
1.00000	-0.008666	0.066478	0.047439
6.11E-06	-0.122052	1.651983	

COMB SETTLE	-----	MAX	
REL_DIST	M2	P	V2
	M3		V3
0.00000	0.008666	0.066478	0.047439
6.47E-06	0.116199	1.985852	
0.25000	0.008666	0.066478	0.047439
6.47E-06	0.056636	1.902385	
0.50000	0.008666	0.066478	0.047439
6.47E-06	0.002927	1.818918	
0.75000	0.008666	0.066478	0.047439
6.47E-06	0.062489	1.735450	
1.00000	0.008666	0.066478	0.047439
6.47E-06	0.122052	1.651983	
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COMB SETTLE	-----	MIN	
REL_DIST	M2	P	V2
	M3		V3
0.00000	-0.008666	-0.066478	-0.047439
-6.11E-06	-0.116199	-1.985852	
0.25000	-0.008666	-0.066478	-0.047439
-6.11E-06	-0.056636	-1.902385	

0.50000	-0.008666	-0.066478	-0.047439
-6.11E-06	-0.002927	-1.818918	
0.75000	-0.008666	-0.066478	-0.047439
-6.11E-06	-0.062489	-1.735450	
1.00000	-0.008666	-0.066478	-0.047439
-6.11E-06	-0.122052	-1.651983	

ELEM	218	=====	LENGTH =
5.023212			
LOAD	-P7	-----	
REL_DIST			
T	M2	P	V2
	M3		V3
0.00000	0.000231	-0.002080	-0.000454
1.72E-07	-0.001068	-0.050319	
0.25000	0.000231	-0.002080	-0.000454
1.72E-07	-0.000497	-0.047706	
0.50000	0.000231	-0.002080	-0.000454
1.72E-07	7.31E-05	-0.045094	
0.75000	0.000231	-0.002080	-0.000454
1.72E-07	0.000643	-0.042482	
1.00000	0.000231	-0.002080	-0.000454
1.72E-07	0.001214	-0.039669	

[illegible]

0.50000 24.118853 0.007947 0.221268
0.00000 0.132761 0.004768 0.221268
0.75000 24.118853 0.007947 0.221268
0.00000 0.00384 0.002384 0.221268
1.00000 24.118853 0.007947 0.221268
0.00000 3.64E-11 8.38E-10
COMB SETTLE ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -24.118853 -0.008071 -0.217858
0.00000 -0.261429 -0.009685
0.25000 -24.118853 -0.008071 -0.217858
0.00000 -0.196072 -0.007264
0.50000 -24.118853 -0.008071 -0.217858
0.00000 -0.130715 -0.004843
0.75000 -24.118853 -0.008071 -0.217858
0.00000 -0.065357 -0.002421
1.00000 -24.118853 -0.008071 -0.217858
0.00000 -7.49E-11 -9.31E-10
ELEM 224 ===== LENGTH =
1.300000
LOAD -P7 -----
REL DIST T M2 P M3 V2 V3
0.00000 -24.838517 -0.004410 0.241076
0.00000 0.313399 -0.005733
0.25000 -24.838517 -0.004410 0.241076
0.00000 0.250491 -0.004300
0.50000 -24.838517 -0.004410 0.241076
0.00000 0.156700 -0.002867
0.75000 -24.838517 -0.004410 0.241076
0.00000 0.078350 -0.001433
1.00000 -24.838517 -0.004410 0.241076
0.00000 1.86E-12 1.05E-10
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LOAD -P8 -----
REL DIST T M2 P M3 V2 V3
0.00000 63.734457 0.008721 -0.476729
0.00000 -0.619748 0.011337
0.25000 63.734457 0.008721 -0.476729
0.00000 -0.464811 0.008503
0.50000 63.734457 0.008721 -0.476729
0.00000 -0.309874 0.005669
0.75000 63.734457 0.008721 -0.476729
0.00000 -0.154937 0.002834
1.00000 63.734457 0.008721 -0.476729
0.00000 -2.76E-11 -8.38E-10
LOAD -P9 -----
REL DIST T M2 P M3 V2 V3
0.00000 -57.171653 -0.004493 0.245585
0.00000 0.319261 -0.005840
0.25000 -57.171653 -0.004493 0.245585
0.00000 0.239446 -0.004380
0.50000 -57.171653 -0.004493 0.245585
0.00000 0.159631 -0.002920
0.75000 -57.171653 -0.004493 0.245585
0.00000 0.079815 -0.001460
1.00000 -57.171653 -0.004493 0.245585
0.00000 8.73E-12 2.79E-10
LOAD -P10 -----
REL DIST T M2 P M3 V2 V3
0.00000 22.403039 -0.000104 0.005667
0.00000 0.007367 -0.000135
0.25000 22.403039 -0.000104 0.005667
0.00000 0.005526 -0.000101
0.50000 22.403039 -0.000104 0.005667
0.00000 0.003684 -6.74E-05
0.75000 22.403039 -0.000104 0.005667
0.00000 0.001842 -3.37E-05
1.00000 22.403039 -0.000104 0.005667
0.00000 -1.24E-18 2.79E-10
LOAD -A2 -----
REL DIST T M2 P M3 V2 V3
0.00000 -4.127326 0.000285 -0.015600
0.00000 -0.020279 0.000371
0.25000 -4.127326 0.000285 -0.015600
0.00000 -0.015210 0.000278
0.50000 -4.127326 0.000285 -0.015600
0.00000 -0.010140 0.000185
0.75000 -4.127326 0.000285 -0.015600
0.00000 -0.005070 9.27E-05
1.00000 -4.127326 0.000285 -0.015600
0.00000 -1.64E-12 5.82E-12
LOAD -2N+1 -----
REL DIST T M2 P M3 V2 V3
0.00000 -86.137496 -0.008617 0.471062
0.00000 0.612381 -0.011202
0.25000 -86.137496 -0.008617 0.471062
0.00000 0.459285 -0.008402
0.50000 -86.137496 -0.008617 0.471062
0.00000 0.306190 -0.005601
0.75000 -86.137496 -0.008617 0.471062
0.00000 0.153095 -0.002801
1.00000 -86.137496 -0.008617 0.471062
0.00000 1.46E-11 5.59E-10
LOAD -2N+2 -----
REL DIST T M2 P M3 V2 V3
0.00000 86.137496 0.008617 -0.471062
0.00000 -0.612381 0.011202
0.25000 86.137496 0.008617 -0.471062
0.00000 -0.459285 0.008402
0.50000 86.137496 0.008617 -0.471062
0.00000 -0.306190 0.005601
0.75000 86.137496 0.008617 -0.471062
0.00000 -0.153095 0.002801
1.00000 86.137496 0.008617 -0.471062
0.00000 -1.46E-11 5.59E-10
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< UNEQUAL Page SETTLEMENT 393 >
FRAME ELEMENT INTERNAL FORCES
COMB SETTLE ----- MAX
REL DIST T M2 P M3 V2 V3

T M2 M3
0.00000 86.137496 0.008721 0.471062
0.00000 0.612381 0.011337
0.25000 86.137496 0.008721 0.471062
0.00000 0.459285 0.008503
0.50000 86.137496 0.008721 0.471062
0.00000 0.306190 0.005669
0.75000 86.137496 0.008721 0.471062
0.00000 0.153095 0.002834
1.00000 86.137496 0.008721 0.471062
0.00000 1.46E-11 5.59E-10
COMB SETTLE ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -86.137496 -0.008617 -0.476729
0.00000 -0.619748 -0.011202
0.25000 -86.137496 -0.008617 -0.476729
0.00000 -0.464811 -0.008402
0.50000 -86.137496 -0.008617 -0.476729
0.00000 -0.309874 -0.005601
0.75000 -86.137496 -0.008617 -0.476729
0.00000 -0.154937 -0.002801
1.00000 -86.137496 -0.008617 -0.476729
0.00000 -2.76E-11 -8.38E-10
ELEM 225 ===== LENGTH =
1.300000
LOAD -P7 -----
REL DIST T M2 P M3 V2 V3
0.00000 15.158270 -1.232584 -0.032690
0.00000 -0.042496 -1.602359
0.25000 15.158270 -1.232584 -0.032690
0.00000 -0.031872 -1.201769
0.00000 15.158270 -1.232584 -0.032690
0.00000 -0.309874 -0.005601
0.75000 15.158270 -1.232584 -0.032690
0.00000 -0.010624 -0.400590
1.00000 15.158270 -1.232584 -0.032690
0.00000 6.25E-14 8.73E-12
LOAD -P8 -----
REL DIST T M2 P M3 V2 V3
0.00000 -56.673083 -0.014567 0.310983
0.00000 0.404278 -0.018937
0.25000 -56.673083 -0.014567 0.310983
0.00000 0.303208 -0.014203
0.50000 -56.673083 -0.014567 0.310983
0.00000 0.202139 -0.009468
0.75000 -56.673083 -0.014567 0.310983
0.00000 0.101069 -0.004734
1.00000 -56.673083 -0.014567 0.310983
0.00000 -4.55E-13 2.56E-10
LOAD -P9 -----
REL DIST T M2 P M3 V2 V3
0.00000 82.968929 0.091080 -0.547812
0.00000 -0.712156 0.118404
0.25000 82.968929 0.091080 -0.547812
0.00000 -0.534117 0.088803
0.50000 82.968929 0.091080 -0.547812
0.00000 -0.356078 0.059202
0.75000 82.968929 0.091080 -0.547812
0.00000 -0.178039 0.029601
1.00000 82.968929 0.091080 -0.547812
0.00000 -5.46E-13 5.12E-14
LOAD -P10 -----
REL DIST T M2 P M3 V2 V3
0.00000 -56.675255 -0.088101 0.283198
0.00000 0.368157 -0.114532
0.25000 -56.675255 -0.088101 0.283198
0.00000 0.276118 -0.085899
0.50000 -56.675255 -0.088101 0.283198
0.00000 0.184078 -0.057266
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FRAME ELEMENT INTERNAL FORCES
REL DIST T M2 P M3 V2 V3
0.75000 -56.675255 -0.088101 0.283198
0.00000 0.092039 -0.028632
1.00000 -56.675255 -0.088101 0.283198
0.00000 -9.09E-13 -1.98E-10
LOAD -A2 -----
REL DIST T M2 P M3 V2 V3
0.00000 15.221139 1.244172 -0.013679
0.00000 -0.017783 1.617423
0.25000 15.221139 1.244172 -0.013679
0.00000 -0.013337 1.213068
0.50000 15.221139 1.244172 -0.013679
0.00000 -0.008891 0.808712
0.75000 15.221139 1.244172 -0.013679
0.00000 -0.004446 0.404356
1.00000 15.221139 1.244172 -0.013679
0.00000 3.98E-14 3.20E-11
LOAD -2N+1 -----
REL DIST T M2 P M3 V2 V3
0.00000 113.348339 0.102668 -0.594181
0.00000 -0.772435 0.133468
0.25000 113.348339 0.102668 -0.594181
0.00000 -0.579326 0.100101
0.50000 113.348339 0.102668 -0.594181
0.00000 -0.386217 0.066734
0.75000 113.348339 0.102668 -0.594181
0.00000 -0.193109 0.033367
1.00000 113.348339 0.102668 -0.594181
0.00000 2.55E-12 -3.98E-14
LOAD -2N+2 -----
REL DIST T M2 P M3 V2 V3
0.00000 -113.348339 -0.102668 0.594181
0.00000 0.772435 -0.133468
0.25000 -113.348339 -0.102668 0.594181
0.00000 0.579326 -0.100101
0.50000 -113.348339 -0.102668 0.594181
0.00000 0.386217 -0.066734
0.75000 -113.348339 -0.102668 0.594181
0.00000 0.193109 -0.033367
1.00000 -113.348339 -0.102668 0.594181
0.00000 -3.64E-13 6.53E-14
COMB SETTLE ----- MAX
REL DIST T M2 P M3 V2 V3

0.00000 113.348339 1.244172 0.594181
0.00000 0.772435 1.617423
0.25000 113.348339 1.244172 0.594181
0.00000 0.579326 1.213068
0.50000 113.348339 1.244172 0.594181
0.00000 0.386217 0.808712
0.75000 113.348339 1.244172 0.594181
0.00000 0.193109 0.404356
1.00000 113.348339 1.244172 0.594181
0.00000 2.55E-12 2.56E-10
COMB SETTLE ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -113.348339 -1.232584 -0.594181
0.00000 -0.772435 -1.602359
0.25000 -113.348339 -1.232584 -0.594181
0.00000 -0.579326 -1.201769
0.50000 -113.348339 -1.232584 -0.594181
0.00000 -0.386217 -0.801179
0.75000 -113.348339 -1.232584 -0.594181
0.00000 -0.193109 -0.400590
1.00000 -113.348339 -1.232584 -0.594181
0.00000 -0.909E-13 -1.98E-10
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FRAME ELEMENT INTERNAL FORCES
ELEM 226 ===== LENGTH =
1.300000
LOAD -P7 -----
REL DIST T M2 P M3 V2 V3
0.00000 -4.129421 8.38E-05 0.004559
0.00000 0.005926 0.000109
0.25000 -4.129421 8.38E-05 0.004559
0.00000 0.004445 8.17E-05
0.50000 -4.129421 8.38E-05 0.004559
0.00000 0.002963 5.45E-05
0.75000 -4.129421 8.38E-05 0.004559
0.00000 0.001482 2.72E-05
1.00000 -4.129421 8.38E-05 0.004559
0.00000 4.19E-19 8.15E-11
LOAD -P8 -----
REL DIST T M2 P M3 V2 V3
0.00000 22.410147 -0.001420 -0.077280
0.00000 -0.100464 -0.001847
0.25000 22.410147 -0.001420 -0.077280
0.00000 -0.075348 -0.001385
0.50000 22.410147 -0.001420 -0.077280
0.00000 -0.050232 -0.000923
0.75000 22.410147 -0.001420 -0.077280
0.00000 -0.025116 -0.000462
1.00000 22.410147 -0.001420 -0.077280
0.00000 4.37E-12 1.40E-10
LOAD -P9 -----
REL DIST T M2 P M3 V2 V3
0.00000 -57.192183 0.007620 0.414587
0.00000 0.538963 0.009906
0.25000 -57.192183 0.007620 0.414587
0.00000 0.404222 0.007430
0.50000 -57.192183 0.007620 0.414587
0.00000 0.269481 0.004953
0.75000 -57.192183 0.007620 0.414587
0.00000 0.134741 0.002477
1.00000 -57.192183 0.007620 0.414587
0.00000 -2.91E-12 1.86E-10
LOAD -P10 -----
REL DIST T M2 P M3 V2 V3
0.00000 63.754950 -0.010754 -0.585068
0.00000 -0.760589 -0.013980
0.25000 63.754950 -0.010754 -0.585068
0.00000 -0.570441 -0.010485
0.50000 63.754950 -0.010754 -0.585068
0.00000 -0.380294 -0.008990
0.75000 63.754950 -0.010754 -0.585068
0.00000 -0.190147 -0.003495
1.00000 63.754950 -0.010754 -0.585068
0.00000 3.64E-12 -1.86E-10
LOAD -A2 -----
REL DIST T M2 P M3 V2 V3
0.00000 -24.843493 0.004470 0.243202
0.00000 0.316163 0.005811
0.25000 -24.843493 0.004470 0.243202
0.00000 0.237122 0.004358
0.50000 -24.843493 0.004470 0.243202
0.00000 0.158082 0.002906
0.75000 -24.843493 0.004470 0.243202
0.00000 0.079041 0.001450
1.00000 -24.843493 0.004470 0.243202
0.00000 1.64E-12 -1.51E-10
LOAD -2N+1 -----
REL DIST T M2 P M3 V2 V3
0.00000 -86.165097 0.012174 0.662348
0.00000 0.861052 0.015826
0.25000 -86.165097 0.012174 0.662348
0.00000 0.645789 0.011870
0.50000 -86.165097 0.012174 0.662348
0.00000 0.430526 0.007913
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FRAME ELEMENT INTERNAL FORCES
REL DIST T M2 P M3 V2 V3
0.75000 -86.165097 0.012174 0.662348
0.00000 0.215263 0.003957
1.00000 -86.165097 0.012174 0.662348
0.00000 -7.28E-12 4.66E-11
LOAD -2N+2 -----
REL DIST T M2 P M3 V2 V3
0.00000 86.165097 0.012174 -0.662348
0.00000 -0.861052 -0.015826
0.25000 86.165097 0.012174 -0.662348
0.00000 -0.645789 -0.011870
0.50000 86.165097 0.012174 -0.662348
0.00000 -0.430526 -0.007913
0.75000 86.165097 0.012174 -0.662348

0.00000 -0.215263 -0.003957 -0.662348
1.00000 86.165097 -0.012174 -0.662348
0.00000 1.89E-11 5.59E-10
COMB SETTLE ----- MAX
REL DIST T M2 P M3 V2 V3
0.00000 86.165097 0.012174 0.662348
0.00000 0.861052 0.015826
0.25000 86.165097 0.012174 0.662348
0.00000 0.645789 0.011870
0.50000 86.165097 0.012174 0.662348
0.00000 0.430526 0.007913
0.75000 86.165097 0.012174 0.662348
1.00000 86.165097 0.012174 0.662348
0.00000 0.215263 0.003957
COMB SETTLE ----- MIN
REL DIST T M2 P M3 V2 V3
0.00000 -86.165097 -0.012174 -0.662348
0.00000 -0.861052 -0.015826
0.25000 -86.165097 -0.012174 -0.662348
0.00000 -0.645789 -0.011870
0.50000 -86.165097 -0.012174 -0.662348
0.00000 -0.430526 -0.007913
0.75000 -86.165097 -0.012174 -0.662348
0.00000 -0.215263 -0.003957
1.00000 -86.165097 -0.012174 -0.662348
0.00000 -7.28E-12 -1.86E-10
ELEM 227 ===== LENGTH =
1.200000
LOAD -P7 -----
REL DIST T M2 P M3 V2 V3
0.00000 0.695979 -8.24E-05 -0.002254
0.00000 -0.002705 -9.89E-05
0.25000 0.695979 -8.24E-05 -0.002254
0.00000 -0.002023 -7.42E-05
0.50000 0.695979 -8.24E-05 -0.002254
0.00000 -0.001353 -4.95E-05
0.75000 0.695979 -8.24E-05 -0.002254
0.00000 -0.000676 -2.47E-05
1.00000 0.695979 -8.24E-05 -0.002254
0.00000 -8.73E-12 -1.05E-10
LOAD -P8 -----
REL DIST T M2 P M3 V2 V3
0.00000 -3.769018 0.000796 0.021759
0.00000 0.026110 0.000955
0.25000 -3.769018 0.000796 0.021759
0.00000 0.019583 0.000716
0.50000 -3.769018 0.000796 0.021759
0.00000 0.013055 0.000477
0.75000 -3.769018 0.000796 0.021759
0.00000 0.006528 0.000239
1.00000 -3.769018 0.000796 0.021759
0.00000 3.06E-11 2.33E-10
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< UNEQUAL Page SETTLEMENT 397 >
FRAME ELEMENT INTERNAL FORCES
LOAD -P9 -----
REL DIST T M2 P M3 V2 V3
0.00000 13.993685 -0.003727 -0.101924
0.00000 -0.122308 -0.004472
0.25000 13.993685 -0.003727 -0.101924
0.00000 -0.091731 -0.003354
0.50000 13.993685 -0.003727 -0.101924
0.00000 -0.081154 -0.002326
0.75000 13.993685 -0.003727 -0.101924
0.00000 -0.030577 -0.001118
1.00000 13.993685 -0.003727 -0.101924
0.00000 -3.20E-11 3.82E-19
LOAD -P10 -----
REL DIST T M2 P M3 V2 V3
0.00000 -20.370794 0.010955 0.299616
0.00000 0.359540 0.013146
0.25000 -20.370794 0.010955 0.299616
0.00000 0.269655 0.009860
0.50000 -20.370794 0.010955 0.299616
0.00000 0.179770 0.006573
0.75000 -20.370794 0.010955 0.299616
0.00000 0.089885 0.003287
1.00000 -20.370794 0.010955 0.299616
0.00000 -2.04E-11 1.86E-10
LOAD -A2 -----
REL DIST T M2 P M3 V2 V3
0.00000 9.450147 -0.007941 -0.217197
-1.99E-12 -0.206637 -0.009530
0.25000 9.450147 -0.007941 -0.217197
-1.99E-12 -0.195477 -0.007147
0.50000 9.450147 -0.007941 -0.217197
-1.99E-12 -0.130318 -0.004785
0.75000 9.450147 -0.007941 -0.217197
-1.99E-12 -0.065159 -0.002382
1.00000 9.450147 -0.007941 -0.217197
-1.99E-12 4.66E-11 7.86E-19
LOAD -2N+1 -----
REL DIST T M2 P M3 V2 V3
0.00000 24.139812 -0.011751 -0.321375
-1.93E-12 -0.385650 -0.014011
0.25000 24.139812 -0.011751 -0.321375
-1.93E-12 -0.289238 -0.010578
0.50000 24.139812 -0.011751 -0.321375
-1.93E-12 -0.192825 -0.007050
0.75000 24.139812 -0.011751 -0.321375
-1.93E-12 -0.096413 -0.003525
1.00000 24.139812 -0.011

COMB SETTLE ----- MAX
REL_DIST M2 P M3 V2 V3
0.00000 24.139812 0.011751 0.321375
0.00000 0.385650 0.014101 0.321375
0.25000 24.139812 0.011751 0.321375
0.00000 0.289238 0.010576 0.321375
0.50000 24.139812 0.011751 0.321375
0.00000 0.19225 0.007050 0.321375
0.75000 24.139812 0.011751 0.321375
0.00000 0.096413 0.003525 0.321375
1.00000 24.139812 0.011751 0.321375
0.00000 4.66E-11 2.33E-10 0.321375
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< UNEQUAL Page SETTLEMENT 398 >
FRAME ELEMENT INTERNAL FORCES
COMB SETTLE ----- MIN
REL_DIST M2 P M3 V2 V3
-1.99E-12 -0.385650 -0.014101 -0.321375
0.25000 -0.289238 -0.010576 -0.321375
0.50000 -0.24.139812 -0.011751 -0.321375
-1.99E-12 -0.19225 -0.007050 -0.321375
0.75000 -0.24.139812 -0.011751 -0.321375
-1.99E-12 -0.096413 -0.003525 -0.321375
1.00000 -0.24.139812 -0.011751 -0.321375
-1.99E-12 -3.20E-11 -1.05E-10
ELEM 228 ----- LENGTH = 1.200000
LOAD -P7 -----
REL_DIST M2 P M3 V2 V3
0.00000 8.826804 4.66E-10 -2.91E-11
0.00000 0.00000 4.66E-10 -2.91E-11
0.25000 8.826804 4.66E-10 -2.91E-11
0.00000 8.73E-12 3.26E-10 -2.91E-11
0.50000 8.826804 4.66E-10 -2.91E-11
0.00000 1.75E-11 1.86E-10 -2.91E-11
0.75000 8.826804 4.66E-10 -2.91E-11
0.00000 2.62E-11 1.46E-11 -2.91E-11
1.00000 8.826804 4.66E-10 -2.91E-11
0.00000 3.49E-11 -9.31E-11
LOAD -P8 -----
REL_DIST M2 P M3 V2 V3
0.00000 -21.153005 9.31E-10 -8.73E-11
0.00000 -1.31E-10 1.40E-09 -8.73E-11
0.25000 -21.153005 9.31E-10 -8.73E-11
0.00000 -1.05E-10 1.12E-09 -8.73E-11
0.50000 -21.153005 9.31E-10 -8.73E-11
0.00000 -7.86E-11 8.38E-10 -8.73E-11
0.75000 -21.153005 9.31E-10 -8.73E-11
0.00000 -5.24E-11 5.59E-10 -8.73E-11
1.00000 -21.153005 9.31E-10 -8.73E-11
0.00000 -2.62E-11 2.79E-10
LOAD -P9 -----
REL_DIST M2 P M3 V2 V3
0.00000 15.888988 -9.31E-10 5.82E-11
0.00000 8.73E-11 -1.40E-09 5.82E-11
0.25000 15.888988 -9.31E-10 5.82E-11
0.00000 6.98E-11 -1.12E-09 5.82E-11
0.50000 15.888988 -9.31E-10 5.82E-11
0.00000 5.24E-11 -8.38E-10 5.82E-11
0.75000 15.888988 -9.31E-10 5.82E-11
0.00000 3.49E-11 -5.59E-10 5.82E-11
1.00000 15.888988 -9.31E-10 5.82E-11
0.00000 1.75E-11 -2.79E-10
LOAD -P10 -----
REL_DIST M2 P M3 V2 V3
0.00000 -4.37E-11 -4.66E-10 4.37E-11
0.25000 -4.37E-12 -4.66E-10 4.37E-11
0.00000 3.06E-11 -4.66E-10 4.37E-11
0.50000 -4.37E-12 -4.66E-10 4.37E-11
0.00000 1.75E-11 -4.66E-10 4.37E-11
0.75000 -4.37E-12 -4.66E-10 4.37E-11
0.00000 4.37E-12 -4.66E-10 4.37E-11
1.00000 -4.37E-12 -4.66E-10 4.37E-11
0.00000 -8.73E-12 -4.66E-10
LOAD -A2 -----
REL_DIST M2 P M3 V2 V3
0.00000 0.809286 5.82E-11 0.00000
0.00000 -5.46E-12 1.16E-10 0.00000
0.25000 0.809286 5.82E-11 0.00000
0.00000 -5.46E-12 9.90E-11 0.00000
0.50000 0.809286 5.82E-11 0.00000
0.00000 -5.46E-12 8.15E-11 0.00000
Program SAP2000 Nonlinear Version 7.42
File:2교부산방형S1-S404.OUT
< UNEQUAL Page SETTLEMENT 399 >
FRAME ELEMENT INTERNAL FORCES
REL_DIST M2 P M3 V2 V3
0.75000 0.809286 5.82E-11 0.00000
0.00000 -5.46E-12 6.40E-11 0.00000
1.00000 0.809286 5.82E-11 0.00000
0.00000 -5.46E-12 4.66E-11
LOAD -2N+1-----
REL_DIST M2 P M3 V2 V3
0.00000 25.525077 -9.31E-10 3.09E-11
0.00000 9.46E-11 -4.66E-10 3.09E-11
0.25000 25.525077 -9.31E-10 3.09E-11
0.00000 8.53E-11 -1.86E-10 3.09E-11
0.50000 25.525077 -9.31E-10 3.09E-11
0.00000 7.60E-11 9.31E-11 3.09E-11
0.75000 25.525077 -9.31E-10 3.09E-11
0.00000 6.89E-11 3.73E-10 3.09E-11
1.00000 25.525077 -9.31E-10 3.09E-11
0.00000 5.75E-11 6.52E-10
LOAD -2N+2-----
REL_DIST M2 P M3 V2 V3
0.00000 -25.525077 4.66E-10 -3.55E-11
0.00000 -8.73E-11 9.31E-10 -3.55E-11
0.25000 -25.525077 4.66E-10

0.000000 -7.67E-11 7.92E-10
0.500000 -25.525077 4.66E-10 -3.55E-11
0.000000 -6.80E-11 6.52E-10 -3.55E-11
0.750000 -25.525077 4.66E-10 -3.55E-11
0.000000 -5.54E-11 5.12E-10 -3.55E-11
1.000000 -25.525077 4.66E-10 -3.55E-11
0.000000 -4.47E-11 3.73E-10
COMB SETTLE ----- MAX
REL_DIST T M2 M3 V2 V3
0.000000 25.525077 9.31E-10 5.82E-11
0.000000 9.46E-11 1.40E-09 5.82E-11
0.250000 25.525077 9.31E-10 5.82E-11
0.000000 8.53E-11 1.12E-09 5.82E-11
0.500000 25.525077 9.31E-10 5.82E-11
0.000000 7.60E-11 8.38E-10 5.82E-11
0.750000 25.525077 9.31E-10 5.82E-11
0.000000 6.89E-11 5.59E-10 5.82E-11
1.000000 25.525077 9.31E-10 5.82E-11
0.000000 5.75E-11 6.52E-10
COMB SETTLE ----- MIN
REL_DIST T M2 M3 V2 V3
0.000000 -25.525077 -9.31E-10 -8.73E-11
0.000000 -1.31E-10 -1.40E-09 -8.73E-11
0.250000 -25.525077 -9.31E-10 -8.73E-11
0.000000 -1.05E-10 -1.12E-09 -8.73E-11
0.500000 -25.525077 -9.31E-10 -8.73E-11
0.000000 -7.86E-11 -8.38E-10 -8.73E-11
0.750000 -25.525077 -9.31E-10 -8.73E-11
0.000000 -5.54E-11 -5.59E-10 -8.73E-11
1.000000 -25.525077 -9.31E-10 -8.73E-11
0.000000 -4.47E-11 -4.66E-10
ELEM 229 ----- LENGTH = 1.300000
LOAD -P7 -----
REL_DIST M2 P M3 V2 V3
0.000000 -16.667515 -1.16E-10 3.30E-11
0.000000 4.27E-11 0.000000 3.30E-11
0.250000 -16.667515 -1.16E-10 3.30E-11
0.000000 3.20E-11 3.78E-11 3.30E-11
0.500000 -16.667515 -1.16E-10 3.30E-11
0.000000 2.13E-11 7.57E-11 3.30E-11
0.750000 -16.667515 -1.16E-10 3.30E-11
0.000000 1.06E-11 1.14E-10 3.30E-11
1.000000 -16.667515 -1.16E-10 3.30E-11
0.000000 -1.14E-13 1.51E-10 3.30E-11
Program SAP2000 Nonlinear Version 7.42
File:2교부산방형S1-S404.OUT
< UNEQUAL Page SETTLEMENT 400 >
FRAME ELEMENT INTERNAL FORCES
LOAD -P8 -----
REL_DIST M2 P M3 V2 V3
0.000000 46.713839 0.000000 2.91E-11
0.000000 -2.18E-11 4.66E-10 2.91E-11
0.250000 46.713839 0.000000 2.91E-11
0.000000 -3.13E-11 4.66E-10 2.91E-11
0.500000 46.713839 0.000000 2.91E-11
0.000000 -4.07E-11 4.66E-10 2.91E-11
0.750000 46.713839 0.000000 2.91E-11
0.000000 -5.02E-11 4.66E-10 2.91E-11
1.000000 46.713839 0.000000 2.91E-11
0.000000 -5.97E-11 4.66E-10
LOAD -P9 -----
REL_DIST M2 P M3 V2 V3
0.000000 -47.647664 -2.33E-10 -5.82E-11
0.000000 -4.73E-11 -2.33E-10 -5.82E-11
0.250000 -47.647664 -2.33E-10 -5.82E-11
0.000000 -2.84E-11 -1.57E-10 -5.82E-11
0.500000 -47.647664 -2.33E-10 -5.82E-11
0.000000 -9.46E-12 -8.15E-11 -5.82E-11
0.750000 -47.647664 -2.33E-10 -5.82E-11
0.000000 9.46E-12 -5.82E-12 -5.82E-11
1.000000 -47.647664 -2.33E-10 -5.82E-11
0.000000 2.84E-11 6.98E-11
LOAD -P10 -----
REL_DIST M2 P M3 V2 V3
0.000000 21.611712 -4.66E-10 1.46E-11
0.000000 4.73E-11 -4.66E-10 1.46E-11
0.250000 21.611712 -4.66E-10 1.46E-11
0.000000 4.26E-11 -3.14E-10 1.46E-11
0.500000 21.611712 -4.66E-10 1.46E-11
0.000000 3.78E-11 -1.63E-10 1.46E-11
0.750000 21.611712 -4.66E-10 1.46E-11
0.000000 3.31E-11 -1.16E-11 1.46E-11
1.000000 21.611712 -4.66E-10 1.46E-11
0.000000 2.84E-11 1.40E-10
LOAD -A2 -----
REL_DIST M2 P M3 V2 V3
0.000000 -4.010373 1.16E-10 -5.46E-12
0.000000 -9.09E-12 5.82E-11 -5.46E-12
0.250000 -4.010373 1.16E-10 -5.46E-12
0.000000 -7.32E-12 2.04E-11 -5.46E-12
0.500000 -4.010373 1.16E-10 -5.46E-12
0.000000 -5.55E-12 -1.75E-11 -5.46E-12
0.750000 -4.010373 1.16E-10 -5.46E-12
0.000000 -3.77E-12 -5.53E-11 -5.46E-12
1.000000 -4.010373 1.16E-10 -5.46E-12
0.000000 -2.00E-12 -9.31E-11
LOAD -2N+1-----
REL_DIST M2 P M3 V2 V3
0.000000 -68.325551 0.000000 1.46E-11
0.000000 1.82E-11 -2.33E-10 1.46E-11
0.250000 -68.325551 0.000000 1.46E-11
0.000000 1.35E-11 -2.33E-10 1.46E-11
0.500000 -68.325551 0.000000 1.46E-11
0.000000 8.73E-12 -2.33E-10 1.46E-11
0.750000 -68.325551 0.000000 1.46E-11
0.000000 4.00E-12 -2.33E-10 1.46E-11
1.000000 -68.325551 0.000000 1.46E-11
0.000000 -7.28E-13 -2.33E-10
LOAD -2N+2-----
REL_DIST M2 P M3 V2 V3
0.000000 68.325551 0.000000 2.91E-11
0.000000 1.09E-11 2.33E-10 2.91E-11
0.250000 68.325551 0.000000 2.91E-11
0.000000 1.46E-12 2.33E-10 2.91E-11
0.500000 68.325551 0.000000 2.91E-11
0.000000 8.00E-12 2.33E-10 2.91E-11
0.750000 68.325551 0.000000 2.91E-11

0.000000 -1.75E-11 2.33E-10
1.000000 68.325551 0.000000 2.91E-11
0.000000 -2.69E-11 2.33E-10
Program SAP2000 Nonlinear Version 7.42
File:2교부산방형S1-S404.OUT
< UNEQUAL Page SETTLEMENT 401 >
FRAME ELEMENT INTERNAL FORCES
COMB SETTLE ----- MAX
REL_DIST T M2 M3 V2 V3
0.000000 68.325551 1.16E-10 3.30E-11
0.000000 4.73E-11 4.66E-10 3.30E-11
0.250000 68.325551 1.16E-10 3.30E-11
0.000000 4.26E-11 4.66E-10 3.30E-11
0.500000 68.325551 1.16E-10 3.30E-11
0.000000 3.78E-11 4.66E-10 3.30E-11
0.750000 68.325551 1.16E-10 3.30E-11
0.000000 3.31E-11 4.66E-10 3.30E-11
1.000000 68.325551 1.16E-10 3.30E-11
0.000000 2.84E-11 4.66E-10
COMB SETTLE ----- MIN
REL_DIST T M2 M3 V2 V3
0.000000 -68.325551 -4.66E-10 -5.82E-11
0.000000 -4.73E-11 -4.66E-10 -5.82E-11
0.250000 -68.325551 -4.66E-10 -5.82E-11
0.000000 -3.13E-11 -3.14E-10 -5.82E-11
0.500000 -68.325551 -4.66E-10 -5.82E-11
0.000000 -4.07E-11 -2.33E-10 -5.82E-11
0.750000 -68.325551 -4.66E-10 -5.82E-11
0.000000 -5.02E-11 -2.33E-10 -5.82E-11
1.000000 -68.325551 -4.66E-10 -5.82E-11
0.000000 -5.97E-11 -2.33E-10
ELEM 230 ----- LENGTH = 1.300000
LOAD -P7 -----
REL_DIST M2 P M3 V2 V3
0.000000 14.709347 1.229309 -4.29E-05
0.000000 -5.58E-05 1.598101 -4.29E-05
0.250000 14.709347 1.229309 -4.29E-05
0.000000 -4.18E-05 1.198576 -4.29E-05
0.500000 14.709347 1.229309 -4.29E-05
0.000000 -2.79E-05 0.799051 -4.29E-05
0.750000 14.709347 1.229309 -4.29E-05
0.000000 -1.39E-05 0.399525 -4.29E-05
1.000000 14.709347 1.229309 -4.29E-05
0.000000 5.40E-14 -8.15E-11
LOAD -P8 -----
REL_DIST M2 P M3 V2 V3
0.000000 -48.146234 0.014542 -5.08E-07
0.000000 -6.60E-07 0.018904 -5.08E-07
0.250000 -48.146234 0.014542 -5.08E-07
0.000000 -4.95E-07 0.014178 -5.08E-07
0.500000 -48.146234 0.014542 -5.08E-07
0.000000 -3.30E-07 0.009452 -5.08E-07
0.750000 -48.146234 0.014542 -5.08E-07
0.000000 -1.65E-07 0.004726 -5.08E-07
1.000000 -48.146234 0.014542 -5.08E-07
0.000000 9.09E-13 4.19E-10
LOAD -P9 -----
REL_DIST M2 P M3 V2 V3
0.000000 66.936346 -0.090862 3.17E-06
0.000000 4.12E-06 -0.118120 3.17E-06
0.250000 66.936346 -0.090862 3.17E-06
0.000000 3.09E-06 -0.088590 3.17E-06
0.500000 66.936346 -0.090862 3.17E-06
0.000000 2.06E-06 -0.059080 3.17E-06
0.750000 66.936346 -0.090862 3.17E-06
0.000000 1.03E-06 -0.029530 3.17E-06
1.000000 66.936346 -0.090862 3.17E-06
0.000000 2.73E-12 3.41E-14
LOAD -P10 -----
REL_DIST M2 P M3 V2 V3
0.000000 -48.148907 0.087879 -3.07E-06
0.000000 -3.99E-06 0.114243 -3.07E-06
0.250000 -48.148907 0.087879 -3.07E-06
0.000000 -2.99E-06 0.086682 -3.07E-06
0.500000 -48.148907 0.087879 -3.07E-06
0.000000 -1.99E-06 0.057122 -3.07E-06
Program SAP2000 Nonlinear Version 7.42
File:2교부산방형S1-S404.OUT
< UNEQUAL Page SETTLEMENT 402 >
FRAME ELEMENT INTERNAL FORCES
REL_DIST T M2 M3 V2 V3
0.750000 -48.148907 0.087879 -3.07E-06
0.000000 -9.97E-07 0.028561 -3.07E-06
1.000000 -48.148907 0.087879 -3.07E-06
0.000000 -4.55E-13 -3.73E-10
LOAD -A2 -----
REL_DIST M2 P M3 V2 V3
0.000000 14.649449 -1.240868 4.33E-05
0.000000 5.63E-05 -1.613129 4.33E-05
0.250000 14.649449 -1.240868 4.33E-05
0.000000 4.22E-05 -1.209846 4.33E-05
0.500000 14.649449 -1.240868 4.33E-05
0.000000 2.82E-05 0.806564 4.33E-05
0.750000 14.649449 -1.240868 4.33E-05
0.000000 1.41E-05 -0.403282 4.33E-05
1.000000 14.649449 -1.240868 4.33E-05
0.000000 2.84E-14 2.62E-11
LOAD -2N+1-----
REL_DIST T M2 M3 V2 V3
0.000000 96.295141 -0.102421 3.58E-06
0.000000 4.65E-06 -0.133147 3.58E-06
0.250000 96.295141 -0.102421 3.58E-06
0.000000 3.49E-06 -0.099861 3.58E-06
0.500000 96.295141 -0.102421 3.58E-06
0.000000 2.32E-06 -0.066574 3.58E-06
0.750000 96.295141 -0.102421 3.58E-06
0.000000 1.16E-06 -0.033287 3.58E-06
1.000000 96.295141 -0.102421 3.58E-06
0.000000 -3.64E-13 8.55E-15
LOAD -2N+2-----
REL_DIST T M2 M3 V2 V3

T M2 M3
0.000000 -96.295141 0.102421 -3.58E-06
0.000000 -4.65E-06 0.133147
0.250000 -96.295141 0.102421 -3.58E-06
0.000000 -3.49E-06 0.099861
0.500000 -96.295141 0.102421 -3.58E-06
0.000000 -2.32E-06 0.066574
0.750000 -96.295141 0.102421 -3.58E-06
0.000000 -1.16E-06 0.033287
0.000000 -96.295141 0.102421 -3.58E-06
0.000000 2.18E-12 -4.26E-14
COMB SETTLE ----- MAX
REL_DIST T M2 P M3 V2 V3
0.000000 96.295141 1.229309 4.33E-05
0.000000 5.63E-05 1.598101 4.33E-05
0.250000 96.295141 1.229309 4.33E-05
0.000000 4.22E-05 1.198576 4.33E-05
0.500000 96.295141 1.229309 4.33E-05
0.000000 2.82E-05 0.799051 4.33E-05
0.750000 96.295141 1.229309 4.33E-05
0.000000 1.41E-05 0.399525 4.33E-05
1.000000 96.295141 1.229309 4.33E-05
0.000000 2.73E-12 4.19E-10
COMB SETTLE ----- MIN
REL_DIST T M2 P M3 V2 V3
0.000000 -96.295141 -1.240868 -4.29E-05
0.000000 -5.58E-05 -1.613129 -4.29E-05
0.250000 -96.295141 -1.240868 -4.29E-05
0.000000 -4.18E-05 -1.209846 -4.29E-05
0.500000 -96.295141 -1.240868 -4.29E-05
0.000000 -2.79E-05 -0.806564 -4.29E-05
0.750000 -96.295141 -1.240868 -4.29E-05
0.000000 -1.39E-05 -0.403282 -4.29E-05
1.000000 -96.295141 -1.240868 -4.29E-05
0.000000 -4.55E-13 -3.73E-10 -4.29E-05
Program SAP2000 Nonlinear Version 7.42
File:2교부산방형S1-S404.OUT
< UNEQUAL Page SETTLEMENT 403 >
FRAME ELEMENT INTERNAL FORCES
ELEM 231 ----- LENGTH = 1.300000
LOAD -P7 -----
REL_DIST T M2 P M3 V2 V3
0.000000 -4.008477 0.000000 5.46E-12
0.000000 -5.46E-12 -5.82E-11 5.46E-12
0.250000 -4.008477 0.000000 5.46E-12
0.000000 -7.23E-12 -5.82E-11 5.46E-12
0.500000 -4.008477 0.000000 5.46E-12
0.000000 -9.00E-12 -5.82E-11 5.46E-12
0.750000 -4.008477 0.000000 5.46E-12
0.000000 -1.08E-11 -5.82E-11 5.46E-12
1.000000 -4.008477 0.000000 5.46E-12
0.000000 -1.26E-11 -5.82E-11
LOAD -P8 -----
REL_DIST T M2 P M3 V2 V3
0.000000 21.604605 4.66E-10 1.46E-11
0.000000 6.59E-11 6.98E-10 1.46E-11
0.250000 21.604605 4.66E-10 1.46E-11
0.000000 6.08E-11 5.47E-10 1.46E-11
0.500000 21.604605 4.66E-10 1.46E-11
0.000000 5.60E-11 3.96E-10 1.46E-11
0.750000 21.604605 4.66E-10 1.46E-11
0.000000 5.13E-11 2.44E-10 1.46E-11
1.000000 21.604605 4.66E-10 1.46E-11
0.000000 4.66E-11 9.31E-11
LOAD -P9 -----
REL_DIST T M2 P M3 V2 V3
0.000000 -47.631980 0.000000

```
0.75000 -68.309294 .000000 2.91E-11
.000000 -1.01E-10 -4.66E-10
1.00000 -68.309294 .000000 2.91E-11
.000000 -1.11E-10 -4.66E-10

LOAD -2N+2-----
REL_DIST M2 P V2 V3
T
0.00000 68.309294 9.31E-10 -5.82E-11
.000000 4.37E-11 9.31E-10
0.25000 68.309294 9.31E-10 -5.82E-11
.000000 6.26E-11 6.29E-10
0.50000 68.309294 9.31E-10 -5.82E-11
.000000 8.15E-11 3.26E-10
0.75000 68.309294 9.31E-10 -5.82E-11
.000000 1.00E-10 2.33E-11
1.00000 68.309294 9.31E-10 -5.82E-11
.000000 1.19E-10 -2.79E-10

COMB SETTLE ----- MAX
REL_DIST M2 P V2 V3
T
0.00000 68.309294 9.31E-10 7.28E-11
.000000 6.55E-11 9.31E-10
0.25000 68.309294 9.31E-10 7.28E-11
.000000 6.26E-11 6.29E-10
0.50000 68.309294 9.31E-10 7.28E-11
.000000 8.15E-11 3.96E-10
0.75000 68.309294 9.31E-10 7.28E-11
.000000 1.00E-10 2.44E-10
1.00000 68.309294 9.31E-10 7.28E-11
.000000 1.19E-10 2.33E-10

COMB SETTLE ----- MIN
REL_DIST M2 P V2 V3
T
0.00000 -68.309294 .000000 -5.82E-11
.000000 -8.73E-11 -9.31E-10
0.25000 -68.309294 .000000 -5.82E-11
.000000 -1.11E-10 -9.31E-10
0.50000 -68.309294 .000000 -5.82E-11
.000000 -1.35E-10 -9.31E-10
0.75000 -68.309294 .000000 -5.82E-11
.000000 -1.58E-10 -9.31E-10
1.00000 -68.309294 .000000 -5.82E-11
.000000 -1.82E-10 -9.31E-10

ELEM 232 ===== LENGTH =
1.200000

LOAD -P7-----
REL_DIST M2 P V2 V3
T
0.00000 0.808611 -5.82E-11 7.28E-12
-5.33E-15 3.64E-12 -1.16E-10
0.25000 0.808611 -5.82E-11 7.28E-12
-5.33E-15 1.46E-12 -9.90E-11
0.50000 0.808611 -5.82E-11 7.28E-12
-5.33E-15 -7.23E-13 -9.15E-11
0.75000 0.808611 -5.82E-11 7.28E-12
-5.33E-15 -2.91E-12 -6.40E-11
1.00000 0.808611 -5.82E-11 7.28E-12
-5.33E-15 -5.09E-12 -4.66E-11

LOAD -P8-----
REL_DIST M2 P V2 V3
T
0.00000 -4.368681 1.40E-09 .000000
.000000 .000000 1.16E-09
0.25000 -4.368681 1.40E-09 .000000
.000000 .000000 7.45E-10
0.50000 -4.368681 1.40E-09 .000000
.000000 .000000 3.26E-10
0.75000 -4.368681 1.40E-09 .000000
.000000 .000000 -9.31E-11
1.00000 -4.368681 1.40E-09 .000000
.000000 .000000 -5.12E-10
Program SAP2000 Nonlinear Version 7.42
File:2교부산방향S1-S404.OUT

< UNEQUAL Page SETTLEMENT >
405

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 -P9-----
REL_DIST M2 P V2 V3
T
0.00000 15.876903 -4.66E-10 -2.91E-11
-5.68E-14 -1.46E-11 -9.31E-10
0.25000 15.876903 -4.66E-10 -2.91E-11
-5.68E-14 -5.82E-12 -7.92E-10
0.50000 15.876903 -4.66E-10 -2.91E-11
-5.68E-14 2.91E-12 -6.52E-10
0.75000 15.876903 -4.66E-10 -2.91E-11
-5.68E-14 1.16E-11 -5.12E-10
1.00000 15.876903 -4.66E-10 -2.91E-11
-5.68E-14 2.04E-11 -3.73E-10

LOAD -P10-----
REL_DIST M2 P V2 V3
T
0.00000 -21.141535 -1.86E-09 -8.73E-11
5.68E-14 -1.31E-10 -3.26E-09
0.25000 -21.141535 -1.86E-09 -8.73E-11
5.68E-14 -1.05E-10 -2.70E-09
0.50000 -21.141535 -1.86E-09 -8.73E-11
5.68E-14 -7.98E-11 -2.14E-09
0.75000 -21.141535 -1.86E-09 -8.73E-11
5.68E-14 -5.24E-11 -1.58E-09
1.00000 -21.141535 -1.86E-09 -8.73E-11
5.68E-14 -2.62E-11 -1.02E-09

LOAD -A2-----
REL_DIST M2 P V2 V3
T
0.00000 8.824702 1.86E-09 8.73E-11
.000000 1.16E-10 3.26E-09
0.25000 8.824702 1.86E-09 8.73E-11
.000000 9.02E-11 2.70E-09
0.50000 8.824702 1.86E-09 8.73E-11
.000000 6.40E-11 2.14E-09
0.75000 8.824702 1.86E-09 8.73E-11
.000000 3.78E-11 1.58E-09
1.00000 8.824702 1.86E-09 8.73E-11
.000000 1.16E-11 1.02E-09

LOAD -2N+1-----
REL_DIST M2 P V2 V3
T
0.00000 25.510216 1.86E-09 6.50E-11
.000000 1.31E-10 2.79E-09
0.25000 25.510216 1.86E-09 6.50E-11
.000000 1.11E-10 2.24E-09
0.50000 25.510216 1.86E-09 6.50E-11
.000000 9.19E-11 1.68E-09
0.75000 25.510216 1.86E-09 6.50E-11
.000000 7.24E-11 1.12E-09
1.00000 25.510216 1.86E-09 6.50E-11
.000000 5.29E-11 5.59E-10
```

```
LOAD -2N+2-----
REL_DIST M2 P V2 V3
T
0.00000 -25.510216 -1.86E-09 -6.99E-11
.000000 -1.24E-10 -2.79E-09
0.25000 -25.510216 -1.86E-09 -6.99E-11
.000000 -1.03E-10 -2.24E-09
0.50000 -25.510216 -1.86E-09 -6.99E-11
.000000 -8.17E-11 -1.68E-09
0.75000 -25.510216 -1.86E-09 -6.99E-11
.000000 -6.08E-11 -1.12E-09
1.00000 -25.510216 -1.86E-09 -6.99E-11
.000000 -3.98E-11 -5.59E-10

COMB SETTLE ----- MAX
REL_DIST M2 P V2 V3
T
0.00000 25.510216 1.86E-09 8.73E-11
5.68E-14 1.31E-10 3.26E-09
0.25000 25.510216 1.86E-09 8.73E-11
5.68E-14 1.11E-10 2.70E-09
0.50000 25.510216 1.86E-09 8.73E-11
5.68E-14 9.19E-11 2.14E-09
0.75000 25.510216 1.86E-09 8.73E-11
5.68E-14 7.24E-11 1.58E-09
1.00000 25.510216 1.86E-09 8.73E-11
5.68E-14 5.29E-11 1.02E-09
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< UNEQUAL Page SETTLEMENT >
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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 SETTLE ----- MIN
REL_DIST M2 P V2 V3
T
0.00000 -25.510216 -1.86E-09 -8.73E-11
-5.68E-14 -1.31E-10 -3.26E-09
0.25000 -25.510216 -1.86E-09 -8.73E-11
-5.68E-14 -1.05E-10 -2.70E-09
0.50000 -25.510216 -1.86E-09 -8.73E-11
-5.68E-14 -8.17E-11 -2.14E-09
0.75000 -25.510216 -1.86E-09 -8.73E-11
-5.68E-14 -6.08E-11 -1.58E-09
1.00000 -25.510216 -1.86E-09 -8.73E-11
-5.68E-14 -3.98E-11 -1.02E-09
```