

■ 청도1교 대구방향(S6~S10) 상부 input

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

SYSTEM

LENGTH=M FORCE=KN

JOINT

1 X= 0.000 Y=0.000 Z=0.000
2 X= 2.780 Y=0.357 Z=0.000
3 X= 7.790 Y=0.982 Z=0.000
4 X= 12.804 Y=1.581 Z=0.000
5 X= 17.820 Y=2.156 Z=0.000
6 X= 22.840 Y=2.705 Z=0.000
7 X= 27.862 Y=3.229 Z=0.000
8 X= 32.886 Y=3.728 Z=0.000
9 X= 37.913 Y=4.202 Z=0.000
10 X= 42.943 Y=4.651 Z=0.000
11 X= 47.974 Y=5.075 Z=0.000
12 X= 51.498 Y=5.356 Z=0.000
13 X= 55.022 Y=5.626 Z=0.000
14 X= 60.058 Y=5.989 Z=0.000
15 X= 65.096 Y=6.327 Z=0.000
16 X= 70.136 Y=6.640 Z=0.000
17 X= 75.177 Y=6.927 Z=0.000
18 X= 80.219 Y=7.190 Z=0.000
19 X= 85.263 Y=7.427 Z=0.000
20 X= 90.308 Y=7.639 Z=0.000
21 X= 95.354 Y=7.826 Z=0.000
22 X= 100.401 Y=7.987 Z=0.000
23 X= 103.934 Y=8.085 Z=0.000
24 X= 107.467 Y=8.171 Z=0.000
25 X= 112.516 Y=8.272 Z=0.000
26 X= 117.565 Y=8.348 Z=0.000
27 X= 122.614 Y=8.398 Z=0.000
28 X= 127.663 Y=8.424 Z=0.000
29 X= 132.712 Y=8.424 Z=0.000
30 X= 137.762 Y=8.398 Z=0.000
31 X= 142.811 Y=8.348 Z=0.000
32 X= 147.859 Y=8.272 Z=0.000
33 X= 152.908 Y=8.171 Z=0.000
34 X= 156.441 Y=8.085 Z=0.000
35 X= 159.974 Y=7.987 Z=0.000
36 X= 165.021 Y=7.826 Z=0.000
37 X= 170.067 Y=7.639 Z=0.000
38 X= 175.112 Y=7.427 Z=0.000
39 X= 180.156 Y=7.190 Z=0.000
40 X= 185.198 Y=6.927 Z=0.000
41 X= 190.239 Y=6.640 Z=0.000
42 X= 195.279 Y=6.327 Z=0.000
43 X= 200.317 Y=5.989 Z=0.000
44 X= 205.353 Y=5.626 Z=0.000
45 X= 208.878 Y=5.356 Z=0.000
46 X= 212.401 Y=5.075 Z=0.000
47 X= 217.432 Y=4.651 Z=0.000
48 X= 222.462 Y=4.202 Z=0.000
49 X= 227.489 Y=3.728 Z=0.000
50 X= 232.514 Y=3.229 Z=0.000
51 X= 237.536 Y=2.705 Z=0.000
52 X= 242.555 Y=2.156 Z=0.000
53 X= 247.572 Y=1.581 Z=0.000
54 X= 252.585 Y=0.982 Z=0.000
55 X= 257.596 Y=0.357 Z=0.000
56 X= 260.375 Y=-0.000 Z=0.000
57 X= 0.954 Y=-7.338 Z=-0.444
58 X= 3.713 Y=-6.983 Z=-0.444
59 X= 8.687 Y=-6.364 Z=-0.444
60 X= 13.664 Y=-5.768 Z=-0.444
61 X= 18.644 Y=-5.198 Z=-0.444
62 X= 23.626 Y=-4.653 Z=-0.444
63 X= 28.612 Y=-4.133 Z=-0.444
64 X= 33.599 Y=-3.637 Z=-0.444
65 X= 38.590 Y=-3.167 Z=-0.444
66 X= 43.582 Y=-2.721 Z=-0.444
67 X= 48.577 Y=-2.301 Z=-0.444
68 X= 52.074 Y=-2.021 Z=-0.444
69 X= 55.573 Y=-1.754 Z=-0.444
70 X= 60.572 Y=-1.393 Z=-0.444
71 X= 65.573 Y=-1.058 Z=-0.444
72 X= 70.576 Y=-0.747 Z=-0.444
73 X= 75.580 Y=-0.462 Z=-0.444
74 X= 80.586 Y=-0.201 Z=-0.444
75 X= 85.592 Y=0.034 Z=-0.444
76 X= 90.600 Y=0.245 Z=-0.444
77 X= 95.609 Y=0.430 Z=-0.444
78 X= 100.619 Y=0.591 Z=-0.444
79 X= 104.126 Y=0.688 Z=-0.444
80 X= 107.634 Y=0.773 Z=-0.444
81 X= 112.645 Y=0.873 Z=-0.444
82 X= 117.657 Y=0.948 Z=-0.444
83 X= 122.669 Y=0.999 Z=-0.444
84 X= 127.681 Y=1.024 Z=-0.444
85 X= 132.694 Y=1.024 Z=-0.444
86 X= 137.706 Y=0.999 Z=-0.444
87 X= 142.718 Y=0.948 Z=-0.444
88 X= 147.730 Y=0.873 Z=-0.444

89 X= 152.741 Y=0.773 Z=-0.444
90 X= 156.249 Y=0.688 Z=-0.444
91 X= 159.756 Y=0.591 Z=-0.444
92 X= 164.766 Y=0.430 Z=-0.444
93 X= 169.775 Y=0.245 Z=-0.444
94 X= 174.783 Y=0.034 Z=-0.444
95 X= 179.790 Y=-0.201 Z=-0.444
96 X= 184.795 Y=-0.462 Z=-0.444
97 X= 189.799 Y=-0.747 Z=-0.444
98 X= 194.802 Y=-1.058 Z=-0.444
99 X= 199.803 Y=-1.393 Z=-0.444
100 X= 204.803 Y=-1.754 Z=-0.444
101 X= 208.301 Y=-2.021 Z=-0.444
102 X= 211.799 Y=-2.301 Z=-0.444
103 X= 216.793 Y=-2.721 Z=-0.444
104 X= 221.786 Y=-3.167 Z=-0.444
105 X= 226.776 Y=-3.637 Z=-0.444
106 X= 231.764 Y=-4.133 Z=-0.444
107 X= 236.749 Y=-4.653 Z=-0.444
108 X= 241.732 Y=-5.198 Z=-0.444
109 X= 246.711 Y=-5.768 Z=-0.444
110 X= 251.688 Y=-6.364 Z=-0.444
111 X= 256.662 Y=-6.983 Z=-0.444
112 X= 259.421 Y=-7.338 Z=-0.444
113 X= 0.477 Y=-3.669 Z=-0.222
114 X= 3.246 Y=-3.313 Z=-0.222
115 X= 8.239 Y=-2.691 Z=-0.222
116 X= 13.234 Y=-2.094 Z=-0.222
117 X= 18.232 Y=-1.521 Z=-0.222
118 X= 23.233 Y=-0.974 Z=-0.222
119 X= 28.237 Y=-0.452 Z=-0.222
120 X= 33.243 Y=0.046 Z=-0.222
121 X= 38.251 Y=0.518 Z=-0.222
122 X= 43.262 Y=0.965 Z=-0.222
123 X= 48.276 Y=1.387 Z=-0.222
124 X= 51.786 Y=1.668 Z=-0.222
125 X= 55.297 Y=1.936 Z=-0.222
126 X= 60.315 Y=2.298 Z=-0.222
127 X= 65.335 Y=2.635 Z=-0.222
128 X= 70.356 Y=2.946 Z=-0.222
129 X= 75.378 Y=3.233 Z=-0.222
130 X= 80.403 Y=3.494 Z=-0.222
131 X= 85.428 Y=3.731 Z=-0.222
132 X= 90.454 Y=3.942 Z=-0.222
133 X= 95.482 Y=4.128 Z=-0.222
134 X= 100.510 Y=4.289 Z=-0.222
135 X= 104.030 Y=4.387 Z=-0.222
136 X= 107.551 Y=4.472 Z=-0.222
137 X= 112.581 Y=4.573 Z=-0.222
138 X= 117.611 Y=4.648 Z=-0.222
139 X= 122.641 Y=4.698 Z=-0.222
140 X= 127.672 Y=4.724 Z=-0.222
141 X= 132.703 Y=4.724 Z=-0.222
142 X= 137.734 Y=4.698 Z=-0.222
143 X= 142.764 Y=4.648 Z=-0.222
144 X= 147.795 Y=4.573 Z=-0.222
145 X= 152.825 Y=4.472 Z=-0.222
146 X= 156.345 Y=4.387 Z=-0.222
147 X= 159.865 Y=4.289 Z=-0.222
148 X= 164.894 Y=4.128 Z=-0.222
149 X= 169.921 Y=3.942 Z=-0.222
150 X= 174.947 Y=3.731 Z=-0.222
151 X= 179.973 Y=3.494 Z=-0.222
152 X= 184.997 Y=3.233 Z=-0.222
153 X= 190.019 Y=2.946 Z=-0.222
154 X= 195.041 Y=2.635 Z=-0.222
155 X= 200.060 Y=2.298 Z=-0.222
156 X= 205.078 Y=1.936 Z=-0.222
157 X= 208.589 Y=1.668 Z=-0.222
158 X= 212.100 Y=1.387 Z=-0.222
159 X= 217.113 Y=0.965 Z=-0.222
160 X= 222.124 Y=0.518 Z=-0.222
161 X= 227.132 Y=0.046 Z=-0.222
162 X= 232.139 Y=-0.452 Z=-0.222
163 X= 237.142 Y=-0.974 Z=-0.222
164 X= 242.143 Y=-1.521 Z=-0.222
165 X= 247.141 Y=-2.094 Z=-0.222
166 X= 252.137 Y=-2.691 Z=-0.222
167 X= 257.129 Y=-3.313 Z=-0.222
168 X= 259.898 Y=-3.669 Z=-0.222
169 X= 0.000 Y=0.000 Z=-1.100
170 X= 51.498 Y=5.356 Z=-1.200
171 X= 103.934 Y=8.085 Z=-1.200
172 X= 156.441 Y=8.085 Z=-1.200
173 X= 208.878 Y=5.356 Z=-1.200
174 X= 260.375 Y=0.000 Z=-1.100
175 X= 0.954 Y=-7.338 Z=-1.544
176 X= 52.074 Y=-2.021 Z=-1.644
177 X= 104.126 Y=0.688 Z=-1.644
178 X= 156.249 Y=0.688 Z=-1.644
179 X= 208.301 Y=-2.021 Z=-1.644
180 X= 259.421 Y=-7.338 Z=-1.544

LOCAL

ADD= 169 ANG=0.252
ADD= 170 ANG=-2.552
ADD= 171 ANG=-8.048

ADD= 172 ANG=-1.490
ADD= 173 ANG=5.069
ADD= 174 ANG=-0.379
ADD= 175 ANG=2.959
ADD= 176 ANG=1.490
ADD= 177 ANG=0.000
ADD= 178 ANG=-1.490
ADD= 179 ANG=-2.979
ADD= 180 ANG=-4.448

RESTRAINT

ADD= 169 DOF= U3,
ADD= 170 DOF= U3,
ADD= 171 DOF= U3,
ADD= 172 DOF= U1, U3,
ADD= 173 DOF= U3,
ADD= 174 DOF= U3,
ADD= 175 DOF= U2, U3,
ADD= 176 DOF= U2, U3,
ADD= 177 DOF= U2, U3,
ADD= 178 DOF= U1, U2, U3,
ADD= 179 DOF= U2, U3,
ADD= 180 DOF= U2, U3,

MATERIAL

Name=1
E=2.1e+008
Name=2
E=2.1e+008
Name=3
E=2.1e+008
Name=4
E=2.1e+008
Name=5
E=2.1e+008
Name=6
E=2.1e+008
Name=7
E=2.1e+008
Name=8
E=2.1e+008
Name=9
E=2.1e+008
Name=10
E=2.1e+008
Name=11
E=2.1e+008

FRAME SECTION

Name= 1 Mat= 1 A=0.14100 I=0.12507501,
0.13396221 J=0.16608122
Name= 2 Mat= 2 A=0.14580 I=0.15139191,
0.14214932 J=0.18961058
Name= 3 Mat= 3 A=0.16260 I=0.17606601,
0.15312532 J=0.20797997
Name= 4 Mat= 4 A=0.18780 I=0.21225267,
0.16410132 J=0.23016880
Name= 5 Mat= 5 A=0.20460 I=0.23524227,
0.17507732 J=0.24329706
Name= 6 Mat= 6 A=0.23540 I=0.28409184,
0.20068799 J=0.27033079
Name= 7 Mat= 7 A=0.26740 I=0.32352998,
0.23187276 J=0.31647862
Name= 8 Mat= 8 A=0.15700 I=0.16840141,
0.14946666 J=0.20303947
Name= 9 Mat= 9 A=0.02100 I=0.00623270,
0.00004512 J=0.00000070
Name= 10 Mat= 10 A=0.01400 I=0.00141087,
0.00004507 J=0.00000047
Name= 11 Mat= 11 A=10.00000 I=10.00000000,
10.00000000 J=10.00000000
Name= 12 Type=Nonpr Sec= 1, 2
Eivar=2,1
Name= 13 Type=Nonpr Sec= 2, 1
Name= 14 Type=Nonpr Sec= 2, 3
Name= 15 Type=Nonpr Sec= 3, 2
Name= 16 Type=Nonpr Sec= 3, 4
Name= 17 Type=Nonpr Sec= 4, 3
Name= 18 Type=Nonpr Sec= 4, 5
Name= 19 Type=Nonpr Sec= 4, 8
Name= 20 Type=Nonpr Sec= 5, 4
Name= 21 Type=Nonpr Sec= 5, 6
Name= 22 Type=Nonpr Sec= 6, 5
Name= 23 Type=Nonpr Sec= 6, 7
Name= 24 Type=Nonpr Sec= 7, 6
Name= 25 Type=Nonpr Sec= 8, 4

FRAME

1 J= 1, 2 Sec=12 Local=12 Pldir=+Z,+X
NSEG=4
2 J= 2, 3 Sec= 2
3 J= 3, 4 Sec=14
4 J= 4, 5 Sec= 3
5 J= 5, 6 Sec= 3
6 J= 6, 7 Sec= 3
7 J= 7, 8 Sec= 3
8 J= 8, 9 Sec=16

RIGID=1.0	285	J= 68, 176	Sec=11	Add= 45	RD=0.000, 1.000	Uzp=-28.723,
206 J=160, 104	286	J= 79, 177	Sec=11	-25.286		
RIGID=1.0	287	J= 90, 178	Sec=11	Add= 46	RD=0.000, 1.000	Uzp=-25.286,
207 J= 49, 161	288	J=101, 179	Sec=11	-21.977		
RIGID=1.0	289	J=112, 180	Sec=11	Add= 47	RD=0.000, 1.000	Uzp=-21.977,
208 J=161, 105				-20.173		
RIGID=1.0	LOAD			Add= 48	RD=0.000, 1.000	Uzp=-20.173,
209 J= 50, 162	Name=STEEL ; STEEL SELF-WEIGHT LOAD			-17.466		
RIGID=1.0	Type=Distributed Span			Add= 49	RD=0.000, 1.000	Uzp=-17.466,
210 J=162, 106	Add= 1	RD=0.000, 1.000	Uzp=-15.146,	-17.466		
RIGID=1.0	-15.661			Add= 50	RD=0.000, 1.000	Uzp=-17.466,
211 J= 51, 163	Add= 2	RD=0.000, 1.000	Uzp=-15.661,	-17.466		
RIGID=1.0	-15.661			Add= 51	RD=0.000, 1.000	Uzp=-17.466,
212 J=163, 107	Add= 3	RD=0.000, 1.000	Uzp=-15.661,	-17.466		
RIGID=1.0	-17.466			Add= 52	RD=0.000, 1.000	Uzp=-17.466,
213 J= 52, 164	Add= 4	RD=0.000, 1.000	Uzp=-17.466,	-17.466		
RIGID=1.0	-17.466			Add= 53	RD=0.000, 1.000	Uzp=-17.466,
214 J=164, 108	Add= 5	RD=0.000, 1.000	Uzp=-17.466,	-15.661		
RIGID=1.0	-17.466			Add= 54	RD=0.000, 1.000	Uzp=-15.661,
215 J= 53, 165	Add= 6	RD=0.000, 1.000	Uzp=-17.466,	-15.661		
RIGID=1.0	-17.466			Add= 55	RD=0.000, 1.000	Uzp=-15.661,
216 J=165, 109	Add= 7	RD=0.000, 1.000	Uzp=-17.466,	-15.146		
RIGID=1.0	-17.466			Add= 56	RD=0.000, 1.000	Uzp=-15.146,
217 J= 54, 166	Add= 8	RD=0.000, 1.000	Uzp=-17.466,	-15.661		
RIGID=1.0	-20.173			Add= 57	RD=0.000, 1.000	Uzp=-15.661,
218 J=166, 110	Add= 9	RD=0.000, 1.000	Uzp=-20.173,	-15.661		
RIGID=1.0	-21.977			Add= 58	RD=0.000, 1.000	Uzp=-15.661,
219 J= 55, 167	Add= 10	RD=0.000, 1.000	Uzp=-21.977,	-17.466		
RIGID=1.0	-25.286			Add= 59	RD=0.000, 1.000	Uzp=-17.466,
220 J=167, 111	Add= 11	RD=0.000, 1.000	Uzp=-25.286,	-17.466		
RIGID=1.0	-28.723			Add= 60	RD=0.000, 1.000	Uzp=-17.466,
221 J= 56, 168	Add= 12	RD=0.000, 1.000	Uzp=-28.723,	-17.466		
RIGID=1.0	-25.286			Add= 61	RD=0.000, 1.000	Uzp=-17.466,
222 J=168, 112	Add= 13	RD=0.000, 1.000	Uzp=-25.286,	-17.466		
RIGID=1.0	-21.977			Add= 62	RD=0.000, 1.000	Uzp=-17.466,
223 J=113, 114	Add= 14	RD=0.000, 1.000	Uzp=-21.977,	-17.466		
224 J=114, 115	-20.173			Add= 63	RD=0.000, 1.000	Uzp=-17.466,
225 J=115, 116	Add= 15	RD=0.000, 1.000	Uzp=-20.173,	-20.173		
226 J=116, 117	-16.864			Add= 64	RD=0.000, 1.000	Uzp=-20.173,
227 J=117, 118	Add= 16	RD=0.000, 1.000	Uzp=-16.864,	-21.977		
228 J=118, 119	-16.864			Add= 65	RD=0.000, 1.000	Uzp=-21.977,
229 J=119, 120	Add= 17	RD=0.000, 1.000	Uzp=-16.864,	-25.286		
230 J=120, 121	-16.864			Add= 66	RD=0.000, 1.000	Uzp=-25.286,
231 J=121, 122	Add= 18	RD=0.000, 1.000	Uzp=-16.864,	-28.723		
232 J=122, 123	-16.864			Add= 67	RD=0.000, 1.000	Uzp=-28.723,
233 J=123, 124	Add= 19	RD=0.000, 1.000	Uzp=-16.864,	-25.286		
234 J=124, 125	-20.173			Add= 68	RD=0.000, 1.000	Uzp=-25.286,
235 J=125, 126	Add= 20	RD=0.000, 1.000	Uzp=-20.173,	-21.977		
236 J=126, 127	-21.977			Add= 69	RD=0.000, 1.000	Uzp=-21.977,
237 J=127, 128	Add= 21	RD=0.000, 1.000	Uzp=-21.977,	-20.173		
238 J=128, 129	-25.286			Add= 70	RD=0.000, 1.000	Uzp=-20.173,
239 J=129, 130	Add= 22	RD=0.000, 1.000	Uzp=-25.286,	-16.864		
240 J=130, 131	-28.723			Add= 71	RD=0.000, 1.000	Uzp=-16.864,
241 J=131, 132	Add= 23	RD=0.000, 1.000	Uzp=-28.723,	-16.864		
242 J=132, 133	-25.286			Add= 72	RD=0.000, 1.000	Uzp=-16.864,
243 J=133, 134	Add= 24	RD=0.000, 1.000	Uzp=-25.286,	-16.864		
244 J=134, 135	-21.977			Add= 73	RD=0.000, 1.000	Uzp=-16.864,
245 J=135, 136	Add= 25	RD=0.000, 1.000	Uzp=-21.977,	-16.864		
246 J=136, 137	-20.173			Add= 74	RD=0.000, 1.000	Uzp=-16.864,
247 J=137, 138	Add= 26	RD=0.000, 1.000	Uzp=-20.173,	-20.173		
248 J=138, 139	-16.864			Add= 75	RD=0.000, 1.000	Uzp=-20.173,
249 J=139, 140	Add= 27	RD=0.000, 1.000	Uzp=-16.864,	-21.977		
250 J=140, 141	-16.864			Add= 76	RD=0.000, 1.000	Uzp=-21.977,
251 J=141, 142	Add= 28	RD=0.000, 1.000	Uzp=-16.864,	-25.286		
252 J=142, 143	-16.864			Add= 77	RD=0.000, 1.000	Uzp=-25.286,
253 J=143, 144	Add= 29	RD=0.000, 1.000	Uzp=-16.864,	-28.723		
254 J=144, 145	-16.864			Add= 78	RD=0.000, 1.000	Uzp=-28.723,
255 J=145, 146	Add= 30	RD=0.000, 1.000	Uzp=-16.864,	-25.286		
256 J=146, 147	-20.173			Add= 79	RD=0.000, 1.000	Uzp=-25.286,
257 J=147, 148	Add= 31	RD=0.000, 1.000	Uzp=-20.173,	-21.977		
258 J=148, 149	-21.977			Add= 80	RD=0.000, 1.000	Uzp=-21.977,
259 J=149, 150	Add= 32	RD=0.000, 1.000	Uzp=-21.977,	-20.173		
260 J=150, 151	-25.286			Add= 81	RD=0.000, 1.000	Uzp=-20.173,
261 J=151, 152	Add= 33	RD=0.000, 1.000	Uzp=-25.286,	-16.864		
262 J=152, 153	-28.723			Add= 82	RD=0.000, 1.000	Uzp=-16.864,
263 J=153, 154	Add= 34	RD=0.000, 1.000	Uzp=-28.723,	-16.864		
264 J=154, 155	-25.286			Add= 83	RD=0.000, 1.000	Uzp=-16.864,
265 J=155, 156	Add= 35	RD=0.000, 1.000	Uzp=-25.286,	-16.864		
266 J=156, 157	-21.977			Add= 84	RD=0.000, 1.000	Uzp=-16.864,
267 J=157, 158	Add= 36	RD=0.000, 1.000	Uzp=-21.977,	-16.864		
268 J=158, 159	-20.173			Add= 85	RD=0.000, 1.000	Uzp=-16.864,
269 J=159, 160	Add= 37	RD=0.000, 1.000	Uzp=-20.173,	-20.173		
270 J=160, 161	-16.864			Add= 86	RD=0.000, 1.000	Uzp=-20.173,
271 J=161, 162	Add= 38	RD=0.000, 1.000	Uzp=-16.864,	-21.977		
272 J=162, 163	-16.864			Add= 87	RD=0.000, 1.000	Uzp=-21.977,
273 J=163, 164	Add= 39	RD=0.000, 1.000	Uzp=-16.864,	-25.286		
274 J=164, 165	-16.864			Add= 88	RD=0.000, 1.000	Uzp=-25.286,
275 J=165, 166	Add= 40	RD=0.000, 1.000	Uzp=-16.864,	-28.723		
276 J=166, 167	-16.864			Add= 89	RD=0.000, 1.000	Uzp=-28.723,
277 J=167, 168	Add= 41	RD=0.000, 1.000	Uzp=-16.864,	-25.286		
278 J= 1, 169	-20.173			Add= 90	RD=0.000, 1.000	Uzp=-25.286,
279 J= 12, 170	Add= 42	RD=0.000, 1.000	Uzp=-20.173,	-21.977		
280 J= 23, 171	-21.977			Add= 91	RD=0.000, 1.000	Uzp=-21.977,
281 J= 34, 172	Add= 43	RD=0.000, 1.000	Uzp=-21.977,	-20.173		
282 J= 45, 173	-25.286			Add= 92	RD=0.000, 1.000	Uzp=-20.173,
283 J= 56, 174	Add= 44	RD=0.000, 1.000	Uzp=-25.286,	-16.864		
284 J= 57, 175	-28.723			Add= 93	RD=0.000, 1.000	Uzp=-16.864,

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-21.977	Add=98	RD=0.000,	1.000	Uzp=-21.977,	-2.256	Add=146	RD=0.000,	1.000	Uzp=-2.256,	-2.256	Add=195	RD=0.000,	1.000	Uzp=-2.256,
-25.286	Add=99	RD=0.000,	1.000	Uzp=-25.286,	-2.256	Add=147	RD=0.000,	1.000	Uzp=-2.256,	-2.256	Add=196	RD=0.000,	1.000	Uzp=-2.256,
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-25.286	Add=101	RD=0.000,	1.000	Uzp=-25.286,	-2.256	Add=149	RD=0.000,	1.000	Uzp=-2.256,	-2.256	Add=198	RD=0.000,	1.000	Uzp=-2.256,
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-20.173	Add=103	RD=0.000,	1.000	Uzp=-20.173,	-2.256	Add=151	RD=0.000,	1.000	Uzp=-2.256,	-2.256	Add=200	RD=0.000,	1.000	Uzp=-2.256,
-17.466	Add=104	RD=0.000,	1.000	Uzp=-17.466,	-2.256	Add=152	RD=0.000,	1.000	Uzp=-2.256,	-2.256	Add=201	RD=0.000,	1.000	Uzp=-2.256,
-17.466	Add=105	RD=0.000,	1.000	Uzp=-17.466,	-2.256	Add=153	RD=0.000,	1.000	Uzp=-2.256,	-2.256	Add=202	RD=0.000,	1.000	Uzp=-2.256,
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-15.661	Add=109	RD=0.000,	1.000	Uzp=-15.661,	-2.256	Add=157	RD=0.000,	1.000	Uzp=-2.256,	-2.256	Add=206	RD=0.000,	1.000	Uzp=-2.256,
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-2.256	Add=117	RD=0.000,	1.000	Uzp=-2.256,	-2.256	Add=165	RD=0.000,	1.000	Uzp=-2.256,	-2.256	Add=214	RD=0.000,	1.000	Uzp=-2.256,
-2.256	Add=118	RD=0.000,	1.000	Uzp=-2.256,	-2.256	Add=166	RD=0.0							

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COMPOSITE SELF-WEIGHT LOAD >

SYSTEM
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4 X= 12.804 Y=1.581 Z=0.000
5 X= 17.820 Y=2.156 Z=0.000
6 X= 22.840 Y=2.705 Z=0.000
7 X= 27.862 Y=3.229 Z=0.000
8 X= 32.886 Y=3.728 Z=0.000
9 X= 37.913 Y=4.202 Z=0.000
10 X= 42.943 Y=4.651 Z=0.000
11 X= 47.974 Y=5.075 Z=0.000
12 X= 51.498 Y=5.356 Z=0.000
13 X= 55.022 Y=5.626 Z=0.000
14 X= 60.058 Y=5.989 Z=0.000

15 X= 65.096 Y=6.327 Z=0.000
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19 X= 85.263 Y=7.427 Z=0.000
20 X= 90.308 Y=7.639 Z=0.000
21 X= 95.354 Y=7.826 Z=0.000
22 X= 100.401 Y=7.987 Z=0.000
23 X= 103.934 Y=8.085 Z=0.000
24 X= 107.467 Y=8.171 Z=0.000
25 X= 112.516 Y=8.272 Z=0.000
26 X= 117.565 Y=8.348 Z=0.000
27 X= 122.614 Y=8.398 Z=0.000
28 X= 127.663 Y=8.424 Z=0.000
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171 X= 103.934 Y=8.085 Z=-1.200
172 X= 156.441 Y=8.085 Z=-1.200
173 X= 208.878 Y=5.356 Z=-1.200
174 X= 260.375 Y=-0.000 Z=-1.100
175 X= 0.954 Y=-7.338 Z=-1.544
176 X= 52.074 Y=-2.021 Z=-1.644
177 X= 104.126 Y=0.688 Z=-1.644
178 X= 156.249 Y=0.688 Z=-1.644
179 X= 208.301 Y=-2.021 Z=-1.644
180 X= 259.421 Y=-7.338 Z=-1.544

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ADD= 175 ANG=2.959
ADD= 176 ANG=1.490
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ADD= 171 DOF= U3,
ADD= 172 DOF= U1, U3,
ADD= 173 DOF= U3,
ADD= 174 DOF= U3,
ADD= 175 DOF= U2, U3,
ADD= 176 DOF= U2, U3,
ADD= 177 DOF= U2, U3,
ADD= 178 DOF= U1, U2, U3,
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ADD= 180 DOF= U2, U3,

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Name=19
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0.80109614 J=0.23346075
Name= 3 Mat= 3 A=0.36026 I=0.36270541,
0.81207214 J=0.26177854
Name= 4 Mat= 4 A=0.38546 I=0.39535131,
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Name= 5 Mat= 5 A=0.40226 I=0.39963632,
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Name= 6 Mat= 6 A=0.43306 I=0.46622073,
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Name= 7 Mat= 7 A=0.46506 I=0.55061454,
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Name= 9 Mat= 9 A=0.33381 I=0.24609641,
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Name= 11 Mat= 11 A=0.35541 I=0.36059923,
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Name= 13 Mat= 13 A=0.39741 I=0.39755002,
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Name= 14 Mat= 14 A=0.42821 I=0.46375581,
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Name= 15 Mat= 15 A=0.46021 I=0.54737055,
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Name= 16 Mat= 16 A=0.34981 I=0.33935974,
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Elvar=2,1
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Name= 23 Type=Nonpr Sec= 3, 2
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Name= 25 Type=Nonpr Sec= 4, 3
Name= 26 Type=Nonpr Sec= 4, 5
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Name= 31 Type=Nonpr Sec= 6, 7
Name= 32 Type=Nonpr Sec= 7, 6
Name= 33 Type=Nonpr Sec= 8, 4
Name= 34 Type=Nonpr Sec= 9, 10
Name= 35 Type=Nonpr Sec= 10, 9

Name= 36 Type=Nonpr Sec= 10, 11
Name= 37 Type=Nonpr Sec= 11, 10
Name= 38 Type=Nonpr Sec= 11, 12
Name= 39 Type=Nonpr Sec= 12, 11
Name= 40 Type=Nonpr Sec= 12, 13
Name= 41 Type=Nonpr Sec= 12, 16
Name= 42 Type=Nonpr Sec= 13, 12
Name= 43 Type=Nonpr Sec= 13, 14
Name= 44 Type=Nonpr Sec= 14, 13
Name= 45 Type=Nonpr Sec= 14, 15
Name= 46 Type=Nonpr Sec= 15, 14
Name= 47 Type=Nonpr Sec= 16, 12

FRAME

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2 J= 2, 3 Sec= 2
3 J= 3, 4 Sec=22
4 J= 4, 5 Sec= 3
5 J= 5, 6 Sec= 3
6 J= 6, 7 Sec= 3
7 J= 7, 8 Sec= 3
8 J= 8, 9 Sec=24
9 J= 9, 10 Sec=26
10 J= 10, 11 Sec=29
11 J= 11, 12 Sec=31
12 J= 12, 13 Sec=32
13 J= 13, 14 Sec=30
14 J= 14, 15 Sec=28
15 J= 15, 16 Sec=27
16 J= 16, 17 Sec= 8
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19 J= 19, 20 Sec=33
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109 J=110, 111 Sec=10
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117 J= 4, 116 Sec=17 IOFF=1.300 JOFF=0.000
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277 J=167, 168 Sec=18
278 J= 1, 169 Sec=19
279 J= 12, 170 Sec=19
280 J= 23, 171 Sec=19
281 J= 34, 172 Sec=19
282 J= 45, 173 Sec=19
283 J= 56, 174 Sec=19
284 J= 57, 175 Sec=19
285 J= 68, 176 Sec=19
286 J= 79, 177 Sec=19
287 J= 90, 178 Sec=19
288 J=101, 179 Sec=19
289 J=112, 180 Sec=19

LOAD

Name=AFTER ; AFTER SELF-WEIGHT LOAD (부속
시설하중 포함)

Type=Distributed Span
Add= 1 RD=0.000, 1.000 Uzp=-20.246,
-20.246 R1=-24.121, -24.121
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[illegible]

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OUTPUT
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Elem=Frame Type=Force Load=**

< MOVING LOAD >

SYSTEM
LENGTH=M FORCE=KN

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3 X= 7.790 Y=0.982 Z=0.000
4 X= 12.804 Y=1.581 Z=0.000
5 X= 17.820 Y=2.156 Z=0.000
6 X= 22.840 Y=2.705 Z=0.000
7 X= 27.862 Y=3.229 Z=0.000
8 X= 32.886 Y=3.728 Z=0.000
9 X= 37.913 Y=4.202 Z=0.000
10 X= 42.943 Y=4.651 Z=0.000
11 X= 47.974 Y=5.075 Z=0.000
12 X= 51.498 Y=5.356 Z=0.000
13 X= 55.022 Y=5.626 Z=0.000
14 X= 60.058 Y=5.989 Z=0.000
15 X= 65.096 Y=6.327 Z=0.000
16 X= 70.136 Y=6.640 Z=0.000
17 X= 75.177 Y=6.927 Z=0.000
18 X= 80.219 Y=7.190 Z=0.000
19 X= 85.263 Y=7.427 Z=0.000
20 X= 90.308 Y=7.639 Z=0.000
21 X= 95.354 Y=7.826 Z=0.000
22 X= 100.401 Y=7.987 Z=0.000
23 X= 103.934 Y=8.085 Z=0.000
24 X= 107.467 Y=8.171 Z=0.000
25 X= 112.516 Y=8.272 Z=0.000
26 X= 117.565 Y=8.348 Z=0.000
27 X= 122.614 Y=8.398 Z=0.000
28 X= 127.663 Y=8.424 Z=0.000
29 X= 132.712 Y=8.424 Z=0.000
30 X= 137.762 Y=8.398 Z=0.000
31 X= 142.811 Y=8.348 Z=0.000
32 X= 147.859 Y=8.272 Z=0.000
33 X= 152.908 Y=8.171 Z=0.000
34 X= 156.441 Y=8.085 Z=0.000
35 X= 159.974 Y=7.987 Z=0.000
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175 J= 33, 145 Sec=17 IOFF=1.300 JOFF=0.000	224 J=114, 115 Sec=18	Add= 28 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	225 J=115, 116 Sec=18	Add= 29 RD=0.000, 1.000 Uzp=7.060, 7.060
176 J=145, 89 Sec=17 IOFF=0.000 JOFF=1.300	226 J=116, 117 Sec=18	Add= 30 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	227 J=117, 118 Sec=18	Add= 31 RD=0.000, 1.000 Uzp=7.060, 7.060
177 J= 34, 146 Sec=17 IOFF=1.300 JOFF=0.000	228 J=118, 119 Sec=18	Add= 32 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	229 J=119, 120 Sec=18	Add= 33 RD=0.000, 1.000 Uzp=7.060, 7.060
178 J=146, 90 Sec=17 IOFF=0.000 JOFF=1.300	230 J=120, 121 Sec=18	Add= 34 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	231 J=121, 122 Sec=18	Add= 35 RD=0.000, 1.000 Uzp=7.060, 7.060
179 J= 35, 147 Sec=17 IOFF=1.300 JOFF=0.000	232 J=122, 123 Sec=18	Add= 36 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	233 J=123, 124 Sec=18	Add= 37 RD=0.000, 1.000 Uzp=7.060, 7.060
180 J=147, 91 Sec=17 IOFF=0.000 JOFF=1.300	234 J=124, 125 Sec=18	Add= 38 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	235 J=125, 126 Sec=18	Add= 39 RD=0.000, 1.000 Uzp=7.060, 7.060
181 J= 36, 148 Sec=17 IOFF=1.300 JOFF=0.000	236 J=126, 127 Sec=18	Add= 40 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	237 J=127, 128 Sec=18	Add= 41 RD=0.000, 1.000 Uzp=7.060, 7.060
182 J=148, 92 Sec=17 IOFF=0.000 JOFF=1.300	238 J=128, 129 Sec=18	Add= 42 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	239 J=129, 130 Sec=18	Add= 43 RD=0.000, 1.000 Uzp=7.060, 7.060
183 J= 37, 149 Sec=17 IOFF=1.300 JOFF=0.000	240 J=130, 131 Sec=18	Add= 44 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	241 J=131, 132 Sec=18	Add= 45 RD=0.000, 1.000 Uzp=7.060, 7.060
184 J=149, 93 Sec=17 IOFF=0.000 JOFF=1.300	242 J=132, 133 Sec=18	Add= 46 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	243 J=133, 134 Sec=18	Add= 47 RD=0.000, 1.000 Uzp=7.060, 7.060
185 J= 38, 150 Sec=17 IOFF=1.300 JOFF=0.000	244 J=134, 135 Sec=18	Add= 48 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	245 J=135, 136 Sec=18	Add= 49 RD=0.000, 1.000 Uzp=7.060, 7.060
186 J=150, 94 Sec=17 IOFF=0.000 JOFF=1.300	246 J=136, 137 Sec=18	Add= 50 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	247 J=137, 138 Sec=18	Add= 51 RD=0.000, 1.000 Uzp=7.060, 7.060
187 J= 39, 151 Sec=17 IOFF=1.300 JOFF=0.000	248 J=138, 139 Sec=18	Add= 52 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	249 J=139, 140 Sec=18	Add= 53 RD=0.000, 1.000 Uzp=7.060, 7.060
188 J=151, 95 Sec=17 IOFF=0.000 JOFF=1.300	250 J=140, 141 Sec=18	Add= 54 RD=0.000, 1.000 Uzp=7.060, 7.060
RIGID=1.0	251 J=141, 142 Sec=18	Add= 55 RD=0.000, 1.000 Uzp=7.060, 7.060
189 J= 40, 152 Sec=17 IOFF=1.300 JOFF=0.000	252 J=142, 143 Sec=18	Add= 56 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	253 J=143, 144 Sec=18	-24.300 Uzp=-7.060, -7.060
190 J=152, 96 Sec=17 IOFF=0.000 JOFF=1.300	254 J=144, 145 Sec=18	Add= 57 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	255 J=145, 146 Sec=18	-24.300 Uzp=-7.060, -7.060
191 J= 41, 153 Sec=17 IOFF=1.300 JOFF=0.000	256 J=146, 147 Sec=18	Add= 58 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	257 J=147, 148 Sec=18	-24.300 Uzp=-7.060, -7.060
192 J=153, 97 Sec=17 IOFF=0.000 JOFF=1.300	258 J=148, 149 Sec=18	Add= 59 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	259 J=149, 150 Sec=18	-24.300 Uzp=-7.060, -7.060
193 J= 42, 154 Sec=17 IOFF=1.300 JOFF=0.000	260 J=150, 151 Sec=18	Add= 60 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	261 J=151, 152 Sec=18	-24.300 Uzp=-7.060, -7.060
194 J=154, 98 Sec=17 IOFF=0.000 JOFF=1.300	262 J=152, 153 Sec=18	Add= 61 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	263 J=153, 154 Sec=18	-24.300 Uzp=-7.060, -7.060
195 J= 43, 155 Sec=17 IOFF=1.300 JOFF=0.000	264 J=154, 155 Sec=18	Add= 62 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	265 J=155, 156 Sec=18	-24.300 Uzp=-7.060, -7.060
196 J=155, 99 Sec=17 IOFF=0.000 JOFF=1.300	266 J=156, 157 Sec=18	Add= 63 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	267 J=157, 158 Sec=18	-24.300 Uzp=-7.060, -7.060
197 J= 44, 156 Sec=17 IOFF=1.300 JOFF=0.000	268 J=158, 159 Sec=18	Add= 64 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	269 J=159, 160 Sec=18	-24.300 Uzp=-7.060, -7.060
198 J=156, 100 Sec=17 IOFF=0.000 JOFF=1.300	270 J=160, 161 Sec=18	Add= 65 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	271 J=161, 162 Sec=18	-24.300 Uzp=-7.060, -7.060
199 J= 45, 157 Sec=17 IOFF=1.300 JOFF=0.000	272 J=162, 163 Sec=18	Add= 66 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	273 J=163, 164 Sec=18	-24.300 Uzp=-7.060, -7.060
200 J=157, 101 Sec=17 IOFF=0.000 JOFF=1.300	274 J=164, 165 Sec=18	Add= 67 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	275 J=165, 166 Sec=18	-24.300 Uzp=-7.060, -7.060
201 J= 46, 158 Sec=17 IOFF=1.300 JOFF=0.000	276 J=166, 167 Sec=18	Add= 68 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	277 J=167, 168 Sec=18	-24.300 Uzp=-7.060, -7.060
202 J=158, 102 Sec=17 IOFF=0.000 JOFF=1.300	278 J= 1, 169 Sec=19	Add= 69 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	279 J= 12, 170 Sec=19	-24.300 Uzp=-7.060, -7.060
203 J= 47, 159 Sec=17 IOFF=1.300 JOFF=0.000	280 J= 23, 171 Sec=19	Add= 70 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	281 J= 34, 172 Sec=19	-24.300 Uzp=-7.060, -7.060
204 J=159, 103 Sec=17 IOFF=0.000 JOFF=1.300	282 J= 45, 173 Sec=19	Add= 71 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	283 J= 56, 174 Sec=19	-24.300 Uzp=-7.060, -7.060
205 J= 48, 160 Sec=17 IOFF=1.300 JOFF=0.000	284 J= 57, 175 Sec=19	Add= 72 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	285 J= 68, 176 Sec=19	-24.300 Uzp=-7.060, -7.060
206 J=160, 104 Sec=17 IOFF=0.000 JOFF=1.300	286 J= 79, 177 Sec=19	Add= 73 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	287 J= 90, 178 Sec=19	-24.300 Uzp=-7.060, -7.060
207 J= 49, 161 Sec=17 IOFF=1.300 JOFF=0.000	288 J=101, 179 Sec=19	Add= 74 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	289 J=112, 180 Sec=19	-24.300 Uzp=-7.060, -7.060
208 J=161, 105 Sec=17 IOFF=0.000 JOFF=1.300		Add= 75 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0		-24.300 Uzp=-7.060, -7.060
209 J= 50, 162 Sec=17 IOFF=1.300 JOFF=0.000	LOAD	Add= 76 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	Name=LLWIND ; 좌측(좌>우)풍하중	-24.300 Uzp=-7.060, -7.060
210 J=162, 106 Sec=17 IOFF=0.000 JOFF=1.300	Type=Distributed Span	Add= 77 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	Add= 1 RD=0.000, 1.000 Uzp=7.060, 7.060	-24.300 Uzp=-7.060, -7.060
211 J= 51, 163 Sec=17 IOFF=1.300 JOFF=0.000	Add= 2 RD=0.000, 1.000 Uzp=7.060, 7.060	Add= 78 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	Add= 3 RD=0.000, 1.000 Uzp=7.060, 7.060	-24.300 Uzp=-7.060, -7.060
212 J=163, 107 Sec=17 IOFF=0.000 JOFF=1.300	Add= 4 RD=0.000, 1.000 Uzp=7.060, 7.060	Add= 79 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	Add= 5 RD=0.000, 1.000 Uzp=7.060, 7.060	-24.300 Uzp=-7.060, -7.060
213 J= 52, 164 Sec=17 IOFF=1.300 JOFF=0.000	Add= 6 RD=0.000, 1.000 Uzp=7.060, 7.060	Add= 80 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	Add= 7 RD=0.000, 1.000 Uzp=7.060, 7.060	-24.300 Uzp=-7.060, -7.060
214 J=164, 108 Sec=17 IOFF=0.000 JOFF=1.300	Add= 8 RD=0.000, 1.000 Uzp=7.060, 7.060	Add= 81 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	Add= 9 RD=0.000, 1.000 Uzp=7.060, 7.060	-24.300 Uzp=-7.060, -7.060
215 J= 53, 165 Sec=17 IOFF=1.300 JOFF=0.000	Add= 10 RD=0.000, 1.000 Uzp=7.060, 7.060	Add= 82 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	Add= 11 RD=0.000, 1.000 Uzp=7.060, 7.060	-24.300 Uzp=-7.060, -7.060
216 J=165, 109 Sec=17 IOFF=0.000 JOFF=1.300	Add= 12 RD=0.000, 1.000 Uzp=7.060, 7.060	Add= 83 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	Add= 13 RD=0.000, 1.000 Uzp=7.060, 7.060	-24.300 Uzp=-7.060, -7.060
217 J= 54, 166 Sec=17 IOFF=1.300 JOFF=0.000	Add= 14 RD=0.000, 1.000 Uzp=7.060, 7.060	Add= 84 RD=0.000, 1.000 Uyp=-24.300,
RIGID=1.0	Add= 15 RD=0.000, 1.000 Uzp=7.060, 7.060	-24.300 Uzp=-7.060, -7.060
	Add= 16 RD=0.000, 1.000 Uzp=7.060, 7.060	

Add=239 RD=0.000, 1.000
Add=240 RD=0.000, 1.000
Add=241 RD=0.000, 1.000
Add=242 RD=0.000, 1.000
Add=243 RD=0.000, 1.000
Add=244 RD=0.000, 1.000
Add=245 RD=0.000, 1.000
Add=246 RD=0.000, 1.000
Add=247 RD=0.000, 1.000
Add=248 RD=0.000, 1.000
Add=249 RD=0.000, 1.000
Add=250 RD=0.000, 1.000
Add=251 RD=0.000, 1.000
Add=252 RD=0.000, 1.000
Add=253 RD=0.000, 1.000
Add=254 RD=0.000, 1.000
Add=255 RD=0.000, 1.000
Add=256 RD=0.000, 1.000
Add=257 RD=0.000, 1.000
Add=258 RD=0.000, 1.000
Add=259 RD=0.000, 1.000
Add=260 RD=0.000, 1.000
Add=261 RD=0.000, 1.000
Add=262 RD=0.000, 1.000
Add=263 RD=0.000, 1.000
Add=264 RD=0.000, 1.000
Add=265 RD=0.000, 1.000
Add=266 RD=0.000, 1.000
Add=267 RD=0.000, 1.000
Add=268 RD=0.000, 1.000
Add=269 RD=0.000, 1.000
Add=270 RD=0.000, 1.000
Add=271 RD=0.000, 1.000
Add=272 RD=0.000, 1.000
Add=273 RD=0.000, 1.000
Add=274 RD=0.000, 1.000
Add=275 RD=0.000, 1.000
Add=276 RD=0.000, 1.000
Add=277 RD=0.000, 1.000

LANE

: Case = 1 ----- G1 Max DB 1선

Name=1

Path= 1, 11, 1, Ecc=0.090
Path= 12, 22, 1, Ecc=0.090
Path= 23, 33, 1, Ecc=0.090
Path= 34, 44, 1, Ecc=0.090
Path= 45, 55, 1, Ecc=0.090

Name=2

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=3

Path= 56, 66, 1, Ecc=1.765
Path= 67, 77, 1, Ecc=1.765
Path= 78, 88, 1, Ecc=1.765
Path= 89, 99, 1, Ecc=1.765
Path= 100, 110, 1, Ecc=1.765

: Case = 2 ----- G1 Max DB 2선

Name=4

Path= 1, 11, 1, Ecc=-0.211
Path= 12, 22, 1, Ecc=-0.211
Path= 23, 33, 1, Ecc=-0.211
Path= 34, 44, 1, Ecc=-0.211
Path= 45, 55, 1, Ecc=-0.211

Name=5

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=6

Path= 56, 66, 1, Ecc=1.729
Path= 67, 77, 1, Ecc=1.729
Path= 78, 88, 1, Ecc=1.729
Path= 89, 99, 1, Ecc=1.729
Path= 100, 110, 1, Ecc=1.729

: Case = 3 ----- G1 Max DB 3선

Name=7

Path= 1, 11, 1, Ecc=-0.223
Path= 12, 22, 1, Ecc=-0.223
Path= 23, 33, 1, Ecc=-0.223
Path= 34, 44, 1, Ecc=-0.223
Path= 45, 55, 1, Ecc=-0.223

Name=8

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=9

Path= 56, 66, 1, Ecc=0.678
Path= 67, 77, 1, Ecc=0.678

Path= 78, 88, 1, Ecc=0.678
Path= 89, 99, 1, Ecc=0.678
Path= 100, 110, 1, Ecc=0.678

: Case = 4 ----- G2 Max DB 1선

Name=10

Path= 1, 11, 1, Ecc=-1.765
Path= 12, 22, 1, Ecc=-1.765
Path= 23, 33, 1, Ecc=-1.765
Path= 34, 44, 1, Ecc=-1.765
Path= 45, 55, 1, Ecc=-1.765

Name=11

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=12

Path= 56, 66, 1, Ecc=-0.498
Path= 67, 77, 1, Ecc=-0.498
Path= 78, 88, 1, Ecc=-0.498
Path= 89, 99, 1, Ecc=-0.498
Path= 100, 110, 1, Ecc=-0.498

: Case = 5 ----- G2 Max DB 2선

Name=13

Path= 1, 11, 1, Ecc=-1.770
Path= 12, 22, 1, Ecc=-1.770
Path= 23, 33, 1, Ecc=-1.770
Path= 34, 44, 1, Ecc=-1.770
Path= 45, 55, 1, Ecc=-1.770

Name=14

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=15

Path= 56, 66, 1, Ecc=0.008
Path= 67, 77, 1, Ecc=0.008
Path= 78, 88, 1, Ecc=0.008
Path= 89, 99, 1, Ecc=0.008
Path= 100, 110, 1, Ecc=0.008

: Case = 6 ----- G2 Max DB 3선

Name=16

Path= 1, 11, 1, Ecc=-0.842
Path= 12, 22, 1, Ecc=-0.842
Path= 23, 33, 1, Ecc=-0.842
Path= 34, 44, 1, Ecc=-0.842
Path= 45, 55, 1, Ecc=-0.842

Name=17

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=18

Path= 56, 66, 1, Ecc=0.003
Path= 67, 77, 1, Ecc=0.003
Path= 78, 88, 1, Ecc=0.003
Path= 89, 99, 1, Ecc=0.003
Path= 100, 110, 1, Ecc=0.003

: Case = 7 ----- G1 Max DL 1선

Name=19

Path= 1, 11, 1, Ecc=0.079
Path= 12, 22, 1, Ecc=0.079
Path= 23, 33, 1, Ecc=0.079
Path= 34, 44, 1, Ecc=0.079
Path= 45, 55, 1, Ecc=0.079

Name=20

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=21

Path= 56, 66, 1, Ecc=1.764
Path= 67, 77, 1, Ecc=1.764
Path= 78, 88, 1, Ecc=1.764
Path= 89, 99, 1, Ecc=1.764
Path= 100, 110, 1, Ecc=1.764

: Case = 8 ----- G1 Max DL 2선

Name=22

Path= 1, 11, 1, Ecc=-0.206
Path= 12, 22, 1, Ecc=-0.206
Path= 23, 33, 1, Ecc=-0.206
Path= 34, 44, 1, Ecc=-0.206
Path= 45, 55, 1, Ecc=-0.206

Name=23

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=24
Path= 56, 66, 1, Ecc=1.668
Path= 67, 77, 1, Ecc=1.668
Path= 78, 88, 1, Ecc=1.668
Path= 89, 99, 1, Ecc=1.668
Path= 100, 110, 1, Ecc=1.668

: Case = 9 ----- G1 Max DL 3선

Name=25

Path= 1, 11, 1, Ecc=-0.221
Path= 12, 22, 1, Ecc=-0.221
Path= 23, 33, 1, Ecc=-0.221
Path= 34, 44, 1, Ecc=-0.221
Path= 45, 55, 1, Ecc=-0.221

Name=26

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=27

Path= 56, 66, 1, Ecc=0.684
Path= 67, 77, 1, Ecc=0.684
Path= 78, 88, 1, Ecc=0.684
Path= 89, 99, 1, Ecc=0.684
Path= 100, 110, 1, Ecc=0.684

: Case = 10 ----- G2 Max DL 1선

Name=28

Path= 1, 11, 1, Ecc=-1.765
Path= 12, 22, 1, Ecc=-1.765
Path= 23, 33, 1, Ecc=-1.765
Path= 34, 44, 1, Ecc=-1.765
Path= 45, 55, 1, Ecc=-1.765

Name=29

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=30

Path= 56, 66, 1, Ecc=-0.492
Path= 67, 77, 1, Ecc=-0.492
Path= 78, 88, 1, Ecc=-0.492
Path= 89, 99, 1, Ecc=-0.492
Path= 100, 110, 1, Ecc=-0.492

: Case = 11 ----- G2 Max DL 2선

Name=31

Path= 1, 11, 1, Ecc=-1.827
Path= 12, 22, 1, Ecc=-1.827
Path= 23, 33, 1, Ecc=-1.827
Path= 34, 44, 1, Ecc=-1.827
Path= 45, 55, 1, Ecc=-1.827

Name=32

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=33

Path= 56, 66, 1, Ecc=0.007
Path= 67, 77, 1, Ecc=0.007
Path= 78, 88, 1, Ecc=0.007
Path= 89, 99, 1, Ecc=0.007
Path= 100, 110, 1, Ecc=0.007

: Case = 12 ----- G2 Max DL 3선

Name=34

Path= 1, 11, 1, Ecc=-0.862
Path= 12, 22, 1, Ecc=-0.862
Path= 23, 33, 1, Ecc=-0.862
Path= 34, 44, 1, Ecc=-0.862
Path= 45, 55, 1, Ecc=-0.862

Name=35

Path= 223, 233, 1, Ecc=0.000
Path= 234, 244, 1, Ecc=0.000
Path= 245, 255, 1, Ecc=0.000
Path= 256, 266, 1, Ecc=0.000
Path= 267, 277, 1, Ecc=0.000

Name=36

Path= 56, 66, 1, Ecc=0.008
Path= 67, 77, 1, Ecc=0.008
Path= 78, 88, 1, Ecc=0.008
Path= 89, 99, 1, Ecc=0.008
Path= 100, 110, 1, Ecc=0.008

VEHICLES

Name=1 TYPE=Gen : DB-24

P=24.000

D=4.200 P=96.000

D=4.200 9.000 P=96.000

Name=2 TYPE=Gen : DL-24

W=4.233 PM=36.000 PXM=52.000

Vehicle Class	Lane= 31	Class= 2	Lmin= 1	Lmax= 1	4	X= 12.804	Y=1.581	Z=0.000
Name=1	Sf=0.001				5	X= 17.820	Y=2.156	Z=0.000
Vehi=1	Lane= 32	Class= 2	Lmin= 1	Lmax= 1	6	X= 22.840	Y=2.705	Z=0.000
Name=2	Sf=1.844				7	X= 27.862	Y=3.229	Z=0.000
Vehi=2	Lane= 33	Class= 2	Lmin= 1	Lmax= 1	8	X= 32.886	Y=3.728	Z=0.000
	Sf=4.191				9	X= 37.913	Y=4.202	Z=0.000
Bridge Response	Name= 12	Rf=0.900 ; G2 Max DL 3선			10	X= 42.943	Y=4.651	Z=0.000
Elem=Frame	Lane= 34	Class= 2	Lmin= 1	Lmax= 1	11	X= 47.974	Y=5.075	Z=0.000
Add=*	Sf=2.950				12	X= 51.498	Y=5.356	Z=0.000
Elem=Joint Type=DISP	Lane= 35	Class= 2	Lmin= 1	Lmax= 1	13	X= 55.022	Y=5.626	Z=0.000
Add=*	Sf=1.857				14	X= 60.058	Y=5.989	Z=0.000
Elem=Joint Type=REAC	Lane= 36	Class= 2	Lmin= 1	Lmax= 1	15	X= 65.096	Y=6.327	Z=0.000
Add=*	Sf=4.193				16	X= 70.136	Y=6.640	Z=0.000
MOVING LOAD	COMBO				17	X= 75.177	Y=6.927	Z=0.000
Name= 1	Rf=1.000 ; G1 Max DB 1선	Name=DB-G1-1 Type=ENVE ; G1 Max DB 1선			18	X= 80.219	Y=7.190	Z=0.000
Lane= 1	Class= 1	Lmin= 1	Lmax= 1	MOVE=1 sf=1.164	19	X= 85.263	Y=7.427	Z=0.000
Sf=2.143					20	X= 90.308	Y=7.639	Z=0.000
Lane= 2	Class= 1	Lmin= 1	Lmax= 1	Name=DB-G1-2 Type=ENVE ; G1 Max DB 2선	21	X= 95.354	Y=7.826	Z=0.000
Sf=0.001				MOVE=2 sf=1.164	22	X= 100.401	Y=7.987	Z=0.000
Lane= 3	Class= 1	Lmin= 1	Lmax= 1	Name=DB-G1-3 Type=ENVE ; G1 Max DB 3선	23	X= 103.934	Y=8.085	Z=0.000
Sf=0.037				MOVE=3 sf=1.164	24	X= 107.467	Y=8.171	Z=0.000
Name= 2	Rf=1.000 ; G1 Max DB 2선	Name=DB-G2-1 Type=ENVE ; G2 Max DB 1선			25	X= 112.516	Y=8.272	Z=0.000
Lane= 4	Class= 1	Lmin= 1	Lmax= 1	MOVE=4 sf=1.164	26	X= 117.565	Y=8.348	Z=0.000
Sf=2.609				Name=DB-G2-2 Type=ENVE ; G2 Max DB 2선	27	X= 122.614	Y=8.398	Z=0.000
Lane= 5	Class= 1	Lmin= 1	Lmax= 1	MOVE=5 sf=1.164	28	X= 127.663	Y=8.424	Z=0.000
Sf=1.289				Name=DB-G2-3 Type=ENVE ; G2 Max DB 3선	29	X= 132.712	Y=8.424	Z=0.000
Lane= 6	Class= 1	Lmin= 1	Lmax= 1	MOVE=6 sf=1.164	30	X= 137.762	Y=8.398	Z=0.000
Sf=0.102				Name=DL-G1-1 Type=ENVE ; G1 Max DL 1선	31	X= 142.811	Y=8.348	Z=0.000
Name= 3	Rf=0.900 ; G1 Max DB 3선	Name=DL-G1-2 Type=ENVE ; G1 Max DL 2선			32	X= 147.859	Y=8.272	Z=0.000
Lane= 7	Class= 1	Lmin= 1	Lmax= 1	MOVE=7 sf=1.164	33	X= 152.908	Y=8.171	Z=0.000
Sf=2.629				Name=DL-G1-3 Type=ENVE ; G1 Max DL 3선	34	X= 156.441	Y=8.085	Z=0.000
Lane= 8	Class= 1	Lmin= 1	Lmax= 1	MOVE=8 sf=1.164	35	X= 159.974	Y=7.987	Z=0.000
Sf=1.189				Name=DL-G2-1 Type=ENVE ; G2 Max DL 1선	36	X= 165.021	Y=7.826	Z=0.000
Lane= 9	Class= 1	Lmin= 1	Lmax= 1	MOVE=9 sf=1.164	37	X= 170.067	Y=7.639	Z=0.000
Sf=2.182				Name=DL-G2-2 Type=ENVE ; G2 Max DL 2선	38	X= 175.112	Y=7.427	Z=0.000
Name= 4	Rf=1.000 ; G2 Max DB 1선	Name=DL-G2-3 Type=ENVE ; G2 Max DL 3선			39	X= 180.156	Y=7.190	Z=0.000
Lane= 10	Class= 1	Lmin= 1	Lmax= 1	MOVE=10 sf=1.164	40	X= 185.198	Y=6.927	Z=0.000
Sf=0.027				Name=DL-G2-1 Type=ENVE ; G2 Max DL 1선	41	X= 190.239	Y=6.640	Z=0.000
Lane= 11	Class= 1	Lmin= 1	Lmax= 1	MOVE=11 sf=1.164	42	X= 195.279	Y=6.327	Z=0.000
Sf=0.001				Name=DL-G2-2 Type=ENVE ; G2 Max DL 2선	43	X= 200.317	Y=5.989	Z=0.000
Lane= 12	Class= 1	Lmin= 1	Lmax= 1	MOVE=12 sf=1.164	44	X= 205.353	Y=5.626	Z=0.000
Sf=2.104				Name=DL-G2-3 Type=ENVE ; G2 Max DL 3선	45	X= 208.878	Y=5.356	Z=0.000
Name= 5	Rf=1.000 ; G2 Max DB 2선	Name=DL Type=ENVE ;			46	X= 212.401	Y=5.075	Z=0.000
Lane= 13	Class= 1	COMB=DB-G1-1 sf=1.000			47	X= 217.432	Y=4.651	Z=0.000
Sf=0.001		COMB=DB-G1-2 sf=1.000			48	X= 222.462	Y=4.202	Z=0.000
Lane= 14	Class= 1	COMB=DB-G1-3 sf=1.000			49	X= 227.489	Y=3.728	Z=0.000
Sf=1.205		COMB=DB-G2-1 sf=1.000			50	X= 232.514	Y=3.229	Z=0.000
Lane= 15	Class= 1	COMB=DB-G2-2 sf=1.000			51	X= 237.536	Y=2.705	Z=0.000
Sf=2.802		COMB=DB-G2-3 sf=1.000			52	X= 242.555	Y=2.156	Z=0.000
Name= 6	Rf=0.900 ; G2 Max DB 3선	Name=DL Type=ENVE ;			53	X= 247.572	Y=1.581	Z=0.000
Lane= 16	Class= 1	COMB=DL-G1-1 sf=1.000			54	X= 252.585	Y=0.982	Z=0.000
Sf=1.957		COMB=DL-G1-2 sf=1.000			55	X= 257.596	Y=0.357	Z=0.000
Lane= 17	Class= 1	COMB=DL-G1-3 sf=1.000			56	X= 260.375	Y=-0.000	Z=0.000
Sf=1.248		COMB=DL-G2-1 sf=1.000			57	X= 0.954	Y=-7.338	Z=-0.444
Lane= 18	Class= 1	COMB=DL-G2-2 sf=1.000			58	X= 3.713	Y=-6.983	Z=-0.444
Sf=2.795		COMB=DL-G2-3 sf=1.000			59	X= 8.687	Y=-6.364	Z=-0.444
Name= 7	Rf=1.000 ; G1 Max DL 1선	Name=CAR Type=ENVE ;			60	X= 13.664	Y=-5.768	Z=-0.444
Lane= 19	Class= 2	COMB=DB sf=1.000			61	X= 18.644	Y=-5.198	Z=-0.444
Sf=3.225		COMB=DL sf=1.000			62	X= 23.626	Y=-4.653	Z=-0.444
Lane= 20	Class= 2	COMB=DL-G1-1 sf=1.000			63	X= 28.612	Y=-4.133	Z=-0.444
Sf=0.001		COMB=DL-G1-2 sf=1.000			64	X= 33.599	Y=-3.637	Z=-0.444
Lane= 21	Class= 2	COMB=DL-G1-3 sf=1.000			65	X= 38.590	Y=-3.167	Z=-0.444
Sf=0.059		COMB=DL-G2-1 sf=1.000			66	X= 43.582	Y=-2.721	Z=-0.444
Name= 8	Rf=1.000 ; G1 Max DL 2선	COMB=DL-G2-2 sf=1.000			67	X= 48.577	Y=-2.301	Z=-0.444
Lane= 22	Class= 2	COMB=DL-G2-3 sf=1.000			68	X= 52.074	Y=-2.021	Z=-0.444
Sf=3.888		Name=WIND Type=ENVE ;			69	X= 55.573	Y=-1.754	Z=-0.444
Lane= 23	Class= 2	LOAD=LLWIND sf=1.000			70	X= 60.572	Y=-1.393	Z=-0.444
Sf=1.995		LOAD=LRWIND sf=1.000			71	X= 65.573	Y=-1.058	Z=-0.444
Lane= 24	Class= 2	Name=WINCAR Type=ADD ;			72	X= 70.576	Y=-0.747	Z=-0.444
Sf=0.117		COMB=WIND sf=0.500			73	X= 75.580	Y=-0.462	Z=-0.444
Name= 9	Rf=0.900 ; G1 Max DL 3선	COMB=CAR sf=1.000			74	X= 80.586	Y=-0.201	Z=-0.444
Lane= 25	Class= 2	Name=DESIGN Type=ENVE ;			75	X= 85.592	Y=0.034	Z=-0.444
Sf=3.927		COMB=CAR sf=1.000			76	X= 90.600	Y=0.245	Z=-0.444
Lane= 26	Class= 2	COMB=WINCAR sf=1.000			77	X= 95.609	Y=0.430	Z=-0.444
Sf=1.811		OUTPUT			78	X= 100.619	Y=0.591	Z=-0.444
Lane= 27	Class= 2	Elem=Joint Type=Disp,REAC	Load=*	Comb=*	79	X= 104.126	Y=0.688	Z=-0.444
Sf=3.262		Elem=Frame Type=Force	Load=*	Comb=*	80	X= 107.634	Y=0.773	Z=-0.444
Name= 10	Rf=1.000 ; G2 Max DL 1선	< UNEQUAL SETTLEMENT >			81	X= 112.645	Y=0.873	Z=-0.444
Lane= 28	Class= 2	SYSTEM			82	X= 117.657	Y=0.948	Z=-0.444
Sf=0.042		LENGTH=M FORCE=KN			83	X= 122.669	Y=0.999	Z=-0.444
Lane= 29	Class= 2	JOINT			84	X= 127.681	Y=1.024	Z=-0.444
Sf=0.001		1 X= 0.000 Y=0.000 Z=0.000			85	X= 132.694	Y=1.024	Z=-0.444
Lane= 30	Class= 2	2 X= 2.780 Y=0.357 Z=0.000			86	X= 137.706	Y=0.999	Z=-0.444
Sf=3.161		3 X= 7.790 Y=0.982 Z=0.000			87	X= 142.718	Y=0.948	Z=-0.444
Name= 11	Rf=1.000 ; G2 Max DL 2선				88	X= 147.730	Y=0.873	Z=-0.444
					89	X= 152.741	Y=0.773	Z=-0.444
					90	X= 156.249	Y=0.688	Z=-0.444
					91	X= 159.756	Y=0.591	Z=-0.444
					92	X= 164.766	Y=0.430	Z=-0.444
					93	X= 169.775	Y=0.245	Z=-0.444
					94	X= 174.783	Y=0.034	Z=-0.444
					95	X= 179.790	Y=-0.201	Z=-0.444
					96	X= 184.795	Y=-0.462	Z=-0.444
					97	X= 189.799	Y=-0.747	Z=-0.444
					98	X= 194.802	Y=-1.058	Z=-0.444
					99	X= 199.803	Y=-1.393	Z=-0.444
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103 X= 216.793 Y=-2.721 Z=-0.444
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117 X= 18.232 Y=-1.521 Z=-0.222
118 X= 23.233 Y=-0.974 Z=-0.222
119 X= 28.237 Y=-0.452 Z=-0.222
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122 X= 43.262 Y=0.965 Z=-0.222
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124 X= 51.786 Y=1.668 Z=-0.222
125 X= 55.297 Y=1.936 Z=-0.222
126 X= 60.315 Y=2.298 Z=-0.222
127 X= 65.335 Y=2.635 Z=-0.222
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132 X= 90.454 Y=3.942 Z=-0.222
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134 X= 100.510 Y=4.289 Z=-0.222
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175 X= 0.954 Y=-7.338 Z=-1.544
176 X= 52.074 Y=-2.021 Z=-1.644
177 X= 104.126 Y=0.688 Z=-1.644
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Name= 3 Mat= 3 A=0.36026 I=0.36270541,
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Name= 4 Mat= 4 A=0.38546 I=0.39535131,
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Name= 5 Mat= 5 A=0.40226 I=0.39963632,
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Name= 6 Mat= 6 A=0.43306 I=0.46622073,
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Name= 7 Mat= 7 A=0.46506 I=0.55061454,
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Name= 23 Type=Nonpr Sec= 3, 2
Name= 24 Type=Nonpr Sec= 3, 4

Name= 25 Type=Nonpr Sec= 4, 3
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Name= 27 Type=Nonpr Sec= 4, 8
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Name= 33 Type=Nonpr Sec= 8, 4
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Name= 35 Type=Nonpr Sec= 10, 9
Name= 36 Type=Nonpr Sec= 10, 11
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252 J=142, 143 Sec=18
253 J=143, 144 Sec=18
254 J=144, 145 Sec=18
255 J=145, 146 Sec=18
256 J=146, 147 Sec=18
257 J=147, 148 Sec=18
258 J=148, 149 Sec=18
259 J=149, 150 Sec=18
260 J=150, 151 Sec=18
261 J=151, 152 Sec=18
262 J=152, 153 Sec=18
263 J=153, 154 Sec=18
264 J=154, 155 Sec=18
265 J=155, 156 Sec=18
266 J=156, 157 Sec=18
267 J=157, 158 Sec=18
268 J=158, 159 Sec=18
269 J=159, 160 Sec=18
270 J=160, 161 Sec=18
271 J=161, 162 Sec=18
272 J=162, 163 Sec=18
273 J=163, 164 Sec=18
274 J=164, 165 Sec=18
275 J=165, 166 Sec=18
276 J=166, 167 Sec=18
277 J=167, 168 Sec=18
278 J= 1, 169 Sec=19
279 J= 12, 170 Sec=19
280 J= 23, 171 Sec=19
281 J= 34, 172 Sec=19
282 J= 45, 173 Sec=19
283 J= 56, 174 Sec=19
284 J= 57, 175 Sec=19
285 J= 68, 176 Sec=19
286 J= 79, 177 Sec=19
287 J= 90, 178 Sec=19
288 J=101, 179 Sec=19
289 J=112, 180 Sec=19

LOAD

Name=-P1 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=169 Uz=-0.010
Add=175 Uz=-0.010

Name=-P2 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=170 Uz=-0.010
Add=176 Uz=-0.010

Name=-P3 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=171 Uz=-0.010
Add=177 Uz=-0.010

Name=-P4 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=172 Uz=-0.010
Add=178 Uz=-0.010

Name=-P5 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=173 Uz=-0.010
Add=179 Uz=-0.010

Name=-P6 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=174 Uz=-0.010
Add=180 Uz=-0.010

Name=-2N+1- ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=169 Uz=-0.010
Add=175 Uz=-0.010
Add=171 Uz=-0.010
Add=177 Uz=-0.010
Add=173 Uz=-0.010
Add=179 Uz=-0.010

Name=-2N+2- ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=170 Uz=-0.010
Add=176 Uz=-0.010
Add=172 Uz=-0.010
Add=178 Uz=-0.010
Add=174 Uz=-0.010
Add=180 Uz=-0.010

COMBO

Name=SETTLE Type=ENVE ;
LOAD=-P1 sf=1.000
LOAD=-P2 sf=1.000
LOAD=-P3 sf=1.000
LOAD=-P4 sf=1.000
LOAD=-P5 sf=1.000
LOAD=-P6 sf=1.000

LOAD=-2N+1- sf=1.000
LOAD=-2N+2- sf=1.000

OUTPUT

Elem=Joint	Type=Disp,REAC	Load=*	Comb=*
Elem=Frame	Type=Force	Load=*	Comb=*

■ 청도1교 대구방향(S11~S15)
상부 input

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

SYSTEM
LENGTH=M FORCE=KN

JOINT

1	X= 0.000	Y=0.000	Z=0.000
2	X= 4.510	Y=0.561	Z=0.000
3	X= 9.523	Y=1.161	Z=0.000
4	X= 14.540	Y=1.736	Z=0.000
5	X= 19.559	Y=2.285	Z=0.000
6	X= 24.581	Y=2.810	Z=0.000
7	X= 29.606	Y=3.309	Z=0.000
8	X= 34.633	Y=3.784	Z=0.000
9	X= 39.662	Y=4.233	Z=0.000
10	X= 44.694	Y=4.657	Z=0.000
11	X= 48.217	Y=4.939	Z=0.000
12	X= 53.252	Y=5.320	Z=0.000
13	X= 58.289	Y=5.676	Z=0.000
14	X= 63.327	Y=6.007	Z=0.000
15	X= 68.367	Y=6.312	Z=0.000
16	X= 73.409	Y=6.593	Z=0.000
17	X= 78.452	Y=6.848	Z=0.000
18	X= 83.496	Y=7.078	Z=0.000
19	X= 88.541	Y=7.283	Z=0.000
20	X= 93.587	Y=7.462	Z=0.000
21	X= 97.120	Y=7.573	Z=0.000
22	X= 100.653	Y=7.671	Z=0.000
23	X= 105.701	Y=7.790	Z=0.000
24	X= 110.749	Y=7.884	Z=0.000
25	X= 115.798	Y=7.953	Z=0.000
26	X= 120.847	Y=7.996	Z=0.000
27	X= 125.897	Y=8.014	Z=0.000
28	X= 130.946	Y=8.007	Z=0.000
29	X= 135.995	Y=7.974	Z=0.000
30	X= 141.044	Y=7.917	Z=0.000
31	X= 146.093	Y=7.834	Z=0.000
32	X= 149.627	Y=7.761	Z=0.000
33	X= 153.160	Y=7.675	Z=0.000
34	X= 158.208	Y=7.532	Z=0.000
35	X= 163.254	Y=7.363	Z=0.000
36	X= 168.300	Y=7.169	Z=0.000
37	X= 173.344	Y=6.950	Z=0.000
38	X= 178.388	Y=6.705	Z=0.000
39	X= 183.430	Y=6.436	Z=0.000
40	X= 188.471	Y=6.141	Z=0.000
41	X= 193.510	Y=5.821	Z=0.000
42	X= 198.547	Y=5.475	Z=0.000
43	X= 202.073	Y=5.219	Z=0.000
44	X= 207.107	Y=4.831	Z=0.000
45	X= 212.139	Y=4.417	Z=0.000
46	X= 217.170	Y=3.979	Z=0.000
47	X= 222.198	Y=3.515	Z=0.000
48	X= 227.223	Y=3.027	Z=0.000
49	X= 232.246	Y=2.513	Z=0.000
50	X= 237.267	Y=1.974	Z=0.000
51	X= 242.285	Y=1.410	Z=0.000
52	X= 247.300	Y=0.821	Z=0.000
53	X= 252.311	Y=0.207	Z=0.000
54	X= 253.814	Y=0.018	Z=0.000
55	X= 0.930	Y=-7.341	Z=-0.444
56	X= 5.407	Y=-6.784	Z=-0.444
57	X= 10.384	Y=-6.189	Z=-0.444
58	X= 15.364	Y=-5.618	Z=-0.444
59	X= 20.346	Y=-5.073	Z=-0.444
60	X= 25.331	Y=-4.552	Z=-0.444
61	X= 30.319	Y=-4.056	Z=-0.444
62	X= 35.309	Y=-3.585	Z=-0.444
63	X= 40.302	Y=-3.139	Z=-0.444
64	X= 45.297	Y=-2.719	Z=-0.444
65	X= 48.794	Y=-2.439	Z=-0.444
66	X= 53.792	Y=-2.060	Z=-0.444
67	X= 58.792	Y=-1.707	Z=-0.444
68	X= 63.793	Y=-1.379	Z=-0.444
69	X= 68.797	Y=-1.075	Z=-0.444
70	X= 73.801	Y=-0.797	Z=-0.444
71	X= 78.807	Y=-0.543	Z=-0.444
72	X= 83.814	Y=-0.315	Z=-0.444
73	X= 88.823	Y=-0.112	Z=-0.444
74	X= 93.832	Y=0.067	Z=-0.444
75	X= 97.339	Y=0.176	Z=-0.444
76	X= 100.846	Y=0.274	Z=-0.444
77	X= 105.857	Y=0.392	Z=-0.444
78	X= 110.868	Y=0.485	Z=-0.444
79	X= 115.880	Y=0.553	Z=-0.444
80	X= 120.892	Y=0.596	Z=-0.444
81	X= 125.905	Y=0.614	Z=-0.444
82	X= 130.917	Y=0.607	Z=-0.444
83	X= 135.929	Y=0.575	Z=-0.444
84	X= 140.941	Y=0.517	Z=-0.444
85	X= 145.953	Y=0.435	Z=-0.444
86	X= 149.461	Y=0.362	Z=-0.444

87	X= 152.968	Y=0.278	Z=-0.444
88	X= 157.979	Y=0.135	Z=-0.444
89	X= 162.988	Y=-0.032	Z=-0.444
90	X= 167.997	Y=-0.225	Z=-0.444
91	X= 173.005	Y=-0.443	Z=-0.444
92	X= 178.011	Y=-0.685	Z=-0.444
93	X= 183.016	Y=-0.953	Z=-0.444
94	X= 188.020	Y=-1.246	Z=-0.444
95	X= 193.022	Y=-1.563	Z=-0.444
96	X= 198.023	Y=-1.906	Z=-0.444
97	X= 201.522	Y=-2.161	Z=-0.444
98	X= 206.520	Y=-2.546	Z=-0.444
99	X= 211.515	Y=-2.956	Z=-0.444
100	X= 216.509	Y=-3.391	Z=-0.444
101	X= 221.500	Y=-3.852	Z=-0.444
102	X= 226.489	Y=-4.337	Z=-0.444
103	X= 231.475	Y=-4.847	Z=-0.444
104	X= 236.459	Y=-5.382	Z=-0.444
105	X= 241.440	Y=-5.941	Z=-0.444
106	X= 246.418	Y=-6.526	Z=-0.444
107	X= 251.393	Y=-7.136	Z=-0.444
108	X= 252.885	Y=-7.324	Z=-0.444
109	X= 0.465	Y=-3.671	Z=-0.222
110	X= 4.958	Y=-3.111	Z=-0.222
111	X= 9.954	Y=-2.514	Z=-0.222
112	X= 14.952	Y=-1.941	Z=-0.222
113	X= 19.953	Y=-1.394	Z=-0.222
114	X= 24.956	Y=-0.871	Z=-0.222
115	X= 29.962	Y=-0.373	Z=-0.222
116	X= 34.971	Y=0.099	Z=-0.222
117	X= 39.982	Y=0.547	Z=-0.222
118	X= 44.995	Y=0.969	Z=-0.222
119	X= 48.505	Y=1.250	Z=-0.222
120	X= 53.522	Y=1.630	Z=-0.222
121	X= 58.540	Y=1.984	Z=-0.222
122	X= 63.560	Y=2.314	Z=-0.222
123	X= 68.582	Y=2.619	Z=-0.222
124	X= 73.605	Y=2.898	Z=-0.222
125	X= 78.629	Y=3.152	Z=-0.222
126	X= 83.655	Y=3.382	Z=-0.222
127	X= 88.682	Y=3.586	Z=-0.222
128	X= 93.709	Y=3.764	Z=-0.222
129	X= 97.229	Y=3.875	Z=-0.222
130	X= 100.749	Y=3.973	Z=-0.222
131	X= 105.779	Y=4.091	Z=-0.222
132	X= 110.809	Y=4.185	Z=-0.222
133	X= 115.839	Y=4.253	Z=-0.222
134	X= 120.870	Y=4.296	Z=-0.222
135	X= 125.901	Y=4.314	Z=-0.222
136	X= 130.932	Y=4.307	Z=-0.222
137	X= 135.962	Y=4.275	Z=-0.222
138	X= 140.993	Y=4.217	Z=-0.222
139	X= 146.023	Y=4.134	Z=-0.222
140	X= 149.544	Y=4.062	Z=-0.222
141	X= 153.064	Y=3.976	Z=-0.222
142	X= 158.093	Y=3.833	Z=-0.222
143	X= 163.121	Y=3.665	Z=-0.222
144	X= 168.148	Y=3.472	Z=-0.222
145	X= 173.174	Y=3.254	Z=-0.222
146	X= 178.199	Y=3.010	Z=-0.222
147	X= 183.223	Y=2.741	Z=-0.222
148	X= 188.245	Y=2.448	Z=-0.222
149	X= 193.266	Y=2.129	Z=-0.222
150	X= 198.285	Y=1.785	Z=-0.222
151	X= 201.797	Y=1.529	Z=-0.222
152	X= 206.813	Y=1.142	Z=-0.222
153	X= 211.827	Y=0.731	Z=-0.222
154	X= 216.839	Y=0.294	Z=-0.222
155	X= 221.849	Y=-0.168	Z=-0.222
156	X= 226.856	Y=-0.655	Z=-0.222
157	X= 231.861	Y=-1.167	Z=-0.222
158	X= 236.863	Y=-1.704	Z=-0.222
159	X= 241.862	Y=-2.266	Z=-0.222
160	X= 246.859	Y=-2.853	Z=-0.222
161	X= 251.852	Y=-3.464	Z=-0.222
162	X= 253.350	Y=-3.653	Z=-0.222
163	X= 0.000	Y=0.000	Z=-1.100
164	X= 44.694	Y=4.657	Z=-1.200
165	X= 97.120	Y=7.573	Z=-1.200
166	X= 149.627	Y=7.761	Z=-1.200
167	X= 202.073	Y=5.219	Z=-1.200
168	X= 253.814	Y=0.018	Z=-1.100
169	X= 0.930	Y=-7.341	Z=-1.544
170	X= 45.297	Y=-2.719	Z=-1.644
171	X= 97.339	Y=0.176	Z=-1.644
172	X= 149.461	Y=0.362	Z=-1.644
173	X= 201.522	Y=-2.161	Z=-1.644
174	X= 252.885	Y=-7.324	Z=-1.544

LOCAL

ADD= 163	ANG=0.104
ADD= 164	ANG=-4.865
ADD= 165	ANG=1.694
ADD= 166	ANG=8.253
ADD= 167	ANG=2.756
ADD= 168	ANG=-0.058
ADD= 169	ANG=4.459

ADD= 170	ANG=3.184
ADD= 171	ANG=1.694
ADD= 172	ANG=0.205
ADD= 173	ANG=-1.285
ADD= 174	ANG=-2.761

RESTRAINT

ADD= 163	DOF=	U3,
ADD= 164	DOF=	U3,
ADD= 165	DOF=	U1, U3,
ADD= 166	DOF=	U3,
ADD= 167	DOF=	U3,
ADD= 168	DOF=	U3,
ADD= 169	DOF=	U2, U3,
ADD= 170	DOF=	U2, U3,
ADD= 171	DOF=	U1, U2, U3,
ADD= 172	DOF=	U2, U3,
ADD= 173	DOF=	U2, U3,
ADD= 174	DOF=	U2, U3,

MATERIAL

Name=1	E=2.1e+008
Name=2	E=2.1e+008
Name=3	E=2.1e+008
Name=4	E=2.1e+008
Name=5	E=2.1e+008
Name=6	E=2.1e+008
Name=7	E=2.1e+008
Name=8	E=2.1e+008
Name=9	E=2.1e+008
Name=10	E=2.1e+008
Name=11	E=2.1e+008
Name=12	E=2.1e+008
Name=13	E=2.1e+008
Name=14	E=2.1e+008
Name=15	E=2.1e+008

FRAME SECTION

Name= 1	Mat= 1	A=0.14100	I=0.12507501,
0.13396221	J=0.16608122		
Name= 2	Mat= 2	A=0.14580	I=0.15139191,
0.14214932	J=0.18961058		
Name= 3	Mat= 3	A=0.16260	I=0.17606601,
0.15312532	J=0.20797997		
Name= 4	Mat= 4	A=0.17100	I=0.18501549,
0.15312532	J=0.20797997		
Name= 5	Mat= 5	A=0.18780	I=0.21225267,
0.16410132	J=0.23016880		
Name= 6	Mat= 6	A=0.21300	I=0.25127876,
0.18605332	J=0.25793720		
Name= 7	Mat= 7	A=0.26740	I=0.32352998,
0.23187276	J=0.31647862		
Name= 8	Mat= 8	A=0.23540	I=0.28409184,
0.20068799	J=0.27033079		
Name= 9	Mat= 9	A=0.20460	I=0.23524227,
0.17507732	J=0.24329706		
Name= 10	Mat= 10	A=0.16260	I=0.17670755,
0.15312532	J=0.21156176		
Name= 11	Mat= 11	A=0.15700	I=0.16840141,
0.14946666	J=0.20303947		
Name= 12	Mat= 12	A=0.14400	I=0.14118698,
0.13907916	J=0.18069975		
Name= 13	Mat= 13	A=0.02100	I=0.00623270,
0.00004512	J=0.00000070		
Name= 14	Mat= 14	A=0.01400	I=0.00141087,
0.00004507	J=0.00000047		
Name= 15	Mat= 15	A=10.00000	I=10.00000000,
10.00000000	J=10.00000000		
Name= 16	Type=Nonpr	Sec= 1,	2
Eivar=2,1			
Name= 17	Type=Nonpr	Sec= 2,	3
Name= 18	Type=Nonpr	Sec= 2,	12
Name= 19	Type=Nonpr	Sec= 3,	2
Name= 20	Type=Nonpr	Sec= 3,	4
Name= 21	Type=Nonpr	Sec= 4,	3
Name= 22	Type=Nonpr	Sec= 4,	5
Name= 23	Type=Nonpr	Sec= 5,	4
Name= 24	Type=Nonpr	Sec= 5,	6
Name= 25	Type=Nonpr	Sec= 5,	9
Name= 26	Type=Nonpr	Sec= 5,	10
Name= 27	Type=Nonpr	Sec= 5,	11
Name= 28	Type=Nonpr	Sec= 6,	5

193	J= 44, 152	Sec=13	IOFF=1.300	JOFF=0.000	268	J= 1, 163	Sec=15	-25.642			
RIGID=1.0					269	J= 10, 164	Sec=15	Add= 42	RD=0.000,	1.000	Uzp=-25.642,
194	J=152, 98	Sec=13	IOFF=0.000	JOFF=1.300	270	J= 21, 165	Sec=15	-29.128			
RIGID=1.0					271	J= 32, 166	Sec=15	Add= 43	RD=0.000,	1.000	Uzp=-29.128,
195	J= 45, 153	Sec=13	IOFF=1.300	JOFF=0.000	272	J= 43, 167	Sec=15	-23.202			
RIGID=1.0					273	J= 54, 168	Sec=15	Add= 44	RD=0.000,	1.000	Uzp=-23.202,
196	J=153, 99	Sec=13	IOFF=0.000	JOFF=1.300	274	J= 55, 169	Sec=15	-20.457			
RIGID=1.0					275	J= 64, 170	Sec=15	Add= 45	RD=0.000,	1.000	Uzp=-20.457,
197	J= 46, 154	Sec=13	IOFF=1.300	JOFF=0.000	276	J= 75, 171	Sec=15	-18.627			
RIGID=1.0					277	J= 86, 172	Sec=15	Add= 46	RD=0.000,	1.000	Uzp=-18.627,
198	J=154, 100	Sec=13	IOFF=0.000	JOFF=1.300	278	J= 97, 173	Sec=15	-17.712			
RIGID=1.0					279	J=108, 174	Sec=15	Add= 47	RD=0.000,	1.000	Uzp=-17.712,
199	J= 47, 155	Sec=13	IOFF=1.300	JOFF=0.000				-17.712			
RIGID=1.0								Add= 48	RD=0.000,	1.000	Uzp=-17.712,
200	J=155, 101	Sec=13	IOFF=0.000	JOFF=1.300	LOAD			-17.712			
RIGID=1.0					Name=STEEL : STEEL SELF-WEIGHT LOAD			Add= 49	RD=0.000,	1.000	Uzp=-17.712,
201	J= 48, 156	Sec=13	IOFF=1.300	JOFF=0.000	Type=Distributed Span			-17.712			
RIGID=1.0					Add= 1	RD=0.000,	1.000	Add= 50	RD=0.000,	1.000	Uzp=-17.712,
202	J=156, 102	Sec=13	IOFF=0.000	JOFF=1.300	-15.882			-17.712			
RIGID=1.0					Add= 2	RD=0.000,	1.000	Add= 51	RD=0.000,	1.000	Uzp=-17.712,
203	J= 49, 157	Sec=13	IOFF=1.300	JOFF=0.000	-17.712			-15.882			
RIGID=1.0					Add= 3	RD=0.000,	1.000	Add= 52	RD=0.000,	1.000	Uzp=-15.882,
204	J=157, 103	Sec=13	IOFF=0.000	JOFF=1.300	-17.712			-15.686			
RIGID=1.0					Add= 4	RD=0.000,	1.000	Add= 53	RD=0.000,	1.000	Uzp=-15.686,
205	J= 50, 158	Sec=13	IOFF=1.300	JOFF=0.000	-17.712			-15.359			
RIGID=1.0					Add= 5	RD=0.000,	1.000	Add= 54	RD=0.000,	1.000	Uzp=-15.359,
206	J=158, 104	Sec=13	IOFF=0.000	JOFF=1.300	-17.712			-15.882			
RIGID=1.0					Add= 6	RD=0.000,	1.000	Add= 55	RD=0.000,	1.000	Uzp=-15.882,
207	J= 51, 159	Sec=13	IOFF=1.300	JOFF=0.000	-18.627			-17.712			
RIGID=1.0					Add= 7	RD=0.000,	1.000	Add= 56	RD=0.000,	1.000	Uzp=-17.712,
208	J=159, 105	Sec=13	IOFF=0.000	JOFF=1.300	-20.457			-17.712			
RIGID=1.0					Add= 8	RD=0.000,	1.000	Add= 57	RD=0.000,	1.000	Uzp=-17.712,
209	J= 52, 160	Sec=13	IOFF=1.300	JOFF=0.000	-23.202			-17.712			
RIGID=1.0					Add= 9	RD=0.000,	1.000	Add= 58	RD=0.000,	1.000	Uzp=-17.712,
210	J=160, 106	Sec=13	IOFF=0.000	JOFF=1.300	-29.128			-17.712			
RIGID=1.0					Add= 10	RD=0.000,	1.000	Add= 59	RD=0.000,	1.000	Uzp=-17.712,
211	J= 53, 161	Sec=13	IOFF=1.300	JOFF=0.000	-25.642			-18.627			
RIGID=1.0					Add= 11	RD=0.000,	1.000	Add= 60	RD=0.000,	1.000	Uzp=-18.627,
212	J=161, 107	Sec=13	IOFF=0.000	JOFF=1.300	-22.287			-20.457			
RIGID=1.0					Add= 12	RD=0.000,	1.000	Add= 61	RD=0.000,	1.000	Uzp=-20.457,
213	J= 54, 162	Sec=13	IOFF=1.300	JOFF=0.000	-20.457			-23.202			
RIGID=1.0					Add= 13	RD=0.000,	1.000	Add= 62	RD=0.000,	1.000	Uzp=-23.202,
214	J=162, 108	Sec=13	IOFF=0.000	JOFF=1.300	-17.712			-29.128			
RIGID=1.0					Add= 14	RD=0.000,	1.000	Add= 63	RD=0.000,	1.000	Uzp=-29.128,
215	J=109, 110	Sec=14			-17.712			-25.642			
216	J=110, 111	Sec=14			Add= 15	RD=0.000,	1.000	Add= 64	RD=0.000,	1.000	Uzp=-25.642,
217	J=111, 112	Sec=14			-17.712			-22.287			
218	J=112, 113	Sec=14			Add= 16	RD=0.000,	1.000	Add= 65	RD=0.000,	1.000	Uzp=-22.287,
219	J=113, 114	Sec=14			-17.712			-20.457			
220	J=114, 115	Sec=14			Add= 17	RD=0.000,	1.000	Add= 66	RD=0.000,	1.000	Uzp=-20.457,
221	J=115, 116	Sec=14			-20.457			-17.712			
222	J=116, 117	Sec=14			Add= 18	RD=0.000,	1.000	Add= 67	RD=0.000,	1.000	Uzp=-17.712,
223	J=117, 118	Sec=14			-22.287			-17.712			
224	J=118, 119	Sec=14			Add= 19	RD=0.000,	1.000	Add= 68	RD=0.000,	1.000	Uzp=-17.712,
225	J=119, 120	Sec=14			-25.642			-17.712			
226	J=120, 121	Sec=14			Add= 20	RD=0.000,	1.000	Add= 69	RD=0.000,	1.000	Uzp=-17.712,
227	J=121, 122	Sec=14			-29.128			-17.712			
228	J=122, 123	Sec=14			Add= 21	RD=0.000,	1.000	Add= 70	RD=0.000,	1.000	Uzp=-17.712,
229	J=123, 124	Sec=14			-25.642			-20.457			
230	J=124, 125	Sec=14			Add= 22	RD=0.000,	1.000	Add= 71	RD=0.000,	1.000	Uzp=-20.457,
231	J=125, 126	Sec=14			-22.287			-22.287			
232	J=126, 127	Sec=14			Add= 23	RD=0.000,	1.000	Add= 72	RD=0.000,	1.000	Uzp=-22.287,
233	J=127, 128	Sec=14			-20.457			-25.642			
234	J=128, 129	Sec=14			Add= 24	RD=0.000,	1.000	Add= 73	RD=0.000,	1.000	Uzp=-25.642,
235	J=129, 130	Sec=14			-17.102			-29.128			
236	J=130, 131	Sec=14			Add= 25	RD=0.000,	1.000	Add= 74	RD=0.000,	1.000	Uzp=-29.128,
237	J=131, 132	Sec=14			-17.102			-25.642			
238	J=132, 133	Sec=14			Add= 26	RD=0.000,	1.000	Add= 75	RD=0.000,	1.000	Uzp=-25.642,
239	J=133, 134	Sec=14			-17.102			-22.287			
240	J=134, 135	Sec=14			Add= 27	RD=0.000,	1.000	Add= 76	RD=0.000,	1.000	Uzp=-22.287,
241	J=135, 136	Sec=14			-20.457			-20.457			
242	J=136, 137	Sec=14			Add= 28	RD=0.000,	1.000	Add= 77	RD=0.000,	1.000	Uzp=-20.457,
243	J=137, 138	Sec=14			-17.102			-17.102			
244	J=138, 139	Sec=14			Add= 29	RD=0.000,	1.000	Add= 78	RD=0.000,	1.000	Uzp=-17.102,
245	J=139, 140	Sec=14			-22.287			-17.102			
246	J=140, 141	Sec=14			Add= 30	RD=0.000,	1.000	Add= 79	RD=0.000,	1.000	Uzp=-17.102,
247	J=141, 142	Sec=14			-25.642			-17.102			
248	J=142, 143	Sec=14			Add= 31	RD=0.000,	1.000	Add= 80	RD=0.000,	1.000	Uzp=-17.102,
249	J=143, 144	Sec=14			-29.128			-17.102			
250	J=144, 145	Sec=14			Add= 32	RD=0.000,	1.000	Add= 81	RD=0.000,	1.000	Uzp=-17.102,
251	J=145, 146	Sec=14			-25.642			-20.457			
252	J=146, 147	Sec=14			Add= 33	RD=0.000,	1.000	Add= 82	RD=0.000,	1.000	Uzp=-20.457,
253	J=147, 148	Sec=14			-22.287			-22.287			
254	J=148, 149	Sec=14			Add= 34	RD=0.000,	1.000	Add= 83	RD=0.000,	1.000	Uzp=-22.287,
255	J=149, 150	Sec=14			-20.457			-25.642			
256	J=150, 151	Sec=14			Add= 35	RD=0.000,	1.000	Add= 84	RD=0.000,	1.000	Uzp=-25.642,
257	J=151, 152	Sec=14			-17.102			-29.128			
258	J=152, 153	Sec=14			Add= 36	RD=0.000,	1.000	Add= 85	RD=0.000,	1.000	Uzp=-29.128,
259	J=153, 154	Sec=14			-17.102			-25.642			
260	J=154, 155	Sec=14			Add= 37	RD=0.000,	1.000	Add= 86	RD=0.000,	1.000	Uzp=-25.642,
261	J=155, 156	Sec=14			-17.102			-22.287			
262	J=156, 157	Sec=14			Add= 38	RD=0.000,	1.000	Add= 87	RD=0.000,	1.000	Uzp=-22.287,
263	J=157, 158	Sec=14			-20.457			-20.457			
264	J=158, 159	Sec=14			Add= 39	RD=0.000,	1.000	Add= 88	RD=0.000,	1.000	Uzp=-20.457,
265	J=159, 160	Sec=14			-17.102			-17.102			
266	J=160, 161	Sec=14			Add= 40	RD=0.000,	1.000	Add= 89	RD=0.000,	1.000	Uzp=-17.102,
267	J=161, 162	Sec=14			-22.287			-17.102			
					Add= 41	RD=0.000,	1.000				

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-17.102	Add= 91	RD=0.000,	1.000	Uzp=-17.102,	-2.288	Add=140	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=188	RD=0.000,	1.000	Uzp=-2.288,
-17.102	Add= 92	RD=0.000,	1.000	Uzp=-17.102,	-2.288	Add=141	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=189	RD=0.000,	1.000	Uzp=-2.288,
-20.457	Add= 93	RD=0.000,	1.000	Uzp=-20.457,	-2.288	Add=142	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=190	RD=0.000,	1.000	Uzp=-2.288,
-22.287	Add= 94	RD=0.000,	1.000	Uzp=-22.287,	-2.288	Add=143	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=191	RD=0.000,	1.000	Uzp=-2.288,
-25.642	Add= 95	RD=0.000,	1.000	Uzp=-25.642,	-2.288	Add=144	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=192	RD=0.000,	1.000	Uzp=-2.288,
-29.128	Add= 96	RD=0.000,	1.000	Uzp=-29.128,	-2.288	Add=145	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=193	RD=0.000,	1.000	Uzp=-2.288,
-23.202	Add= 97	RD=0.000,	1.000	Uzp=-23.202,	-2.288	Add=146	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=194	RD=0.000,	1.000	Uzp=-2.288,
-20.457	Add= 98	RD=0.000,	1.000	Uzp=-20.457,	-2.288	Add=147	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=195	RD=0.000,	1.000	Uzp=-2.288,
-18.627	Add= 99	RD=0.000,	1.000	Uzp=-18.627,	-2.288	Add=148	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=196	RD=0.000,	1.000	Uzp=-2.288,
-17.712	Add=100	RD=0.000,	1.000	Uzp=-17.712,	-2.288	Add=149	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=197	RD=0.000,	1.000	Uzp=-2.288,
-17.712	Add=101	RD=0.000,	1.000	Uzp=-17.712,	-2.288	Add=150	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=198	RD=0.000,	1.000	Uzp=-2.288,
-17.712	Add=102	RD=0.000,	1.000	Uzp=-17.712,	-2.288	Add=151	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=199	RD=0.000,	1.000	Uzp=-2.288,
-17.712	Add=103	RD=0.000,	1.000	Uzp=-17.712,	-2.288	Add=152	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=200	RD=0.000,	1.000	Uzp=-2.288,
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-15.882	Add=105	RD=0.000,	1.000	Uzp=-15.882,	-2.288	Add=154	RD=0.000,	1.000	Uzp=-2.288,	-2.288	Add=202	RD=0.000,	1.000	Uzp=-2.288,
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OUTPUT

Elem=Joint Type=Disp.REAC Load=**
Elem=Frame Type=Force Load=**

< AFTER COMPOSITE SELF-WEIGHT LOAD >

SYSTEM
LENGTH=M FORCE=KN

JOINT
1 X= 0.000 Y=0.000 Z=0.000
2 X= 4.510 Y=0.561 Z=0.000
3 X= 9.523 Y=1.161 Z=0.000
4 X= 14.540 Y=1.736 Z=0.000
5 X= 19.559 Y=2.285 Z=0.000
6 X= 24.581 Y=2.810 Z=0.000
7 X= 29.606 Y=3.309 Z=0.000
8 X= 34.633 Y=3.784 Z=0.000
9 X= 39.662 Y=4.233 Z=0.000
10 X= 44.694 Y=4.657 Z=0.000
11 X= 48.217 Y=4.939 Z=0.000
12 X= 53.252 Y=5.320 Z=0.000
13 X= 58.289 Y=5.676 Z=0.000
14 X= 63.327 Y=6.007 Z=0.000
15 X= 68.367 Y=6.312 Z=0.000
16 X= 73.409 Y=6.593 Z=0.000
17 X= 78.452 Y=6.848 Z=0.000
18 X= 83.496 Y=7.078 Z=0.000
19 X= 88.541 Y=7.283 Z=0.000
20 X= 93.587 Y=7.462 Z=0.000
21 X= 97.120 Y=7.573 Z=0.000
22 X= 100.653 Y=7.671 Z=0.000
23 X= 105.701 Y=7.790 Z=0.000
24 X= 110.749 Y=7.884 Z=0.000
25 X= 115.798 Y=7.953 Z=0.000
26 X= 120.847 Y=7.996 Z=0.000
27 X= 125.897 Y=8.014 Z=0.000
28 X= 130.946 Y=8.007 Z=0.000
29 X= 135.995 Y=7.974 Z=0.000
30 X= 141.044 Y=7.917 Z=0.000
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33 X= 153.160 Y=7.675 Z=0.000
34 X= 158.208 Y=7.532 Z=0.000
35 X= 163.254 Y=7.363 Z=0.000
36 X= 168.300 Y=7.169 Z=0.000
37 X= 173.344 Y=6.950 Z=0.000
38 X= 178.388 Y=6.705 Z=0.000
39 X= 183.430 Y=6.436 Z=0.000
40 X= 188.471 Y=6.141 Z=0.000
41 X= 193.510 Y=5.821 Z=0.000
42 X= 198.547 Y=5.475 Z=0.000
43 X= 202.073 Y=5.219 Z=0.000
44 X= 207.107 Y=4.831 Z=0.000
45 X= 212.139 Y=4.417 Z=0.000
46 X= 217.170 Y=3.979 Z=0.000
47 X= 222.198 Y=3.515 Z=0.000
48 X= 227.223 Y=3.027 Z=0.000
49 X= 232.246 Y=2.513 Z=0.000
50 X= 237.267 Y=1.974 Z=0.000
51 X= 242.285 Y=1.410 Z=0.000
52 X= 247.300 Y=0.821 Z=0.000
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57 X= 10.384 Y=-6.189 Z=-0.444
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152 X= 206.813 Y=1.142 Z=-0.222
153 X= 211.827 Y=0.731 Z=-0.222
154 X= 216.839 Y=0.294 Z=-0.222
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159 X= 241.862 Y=-2.266 Z=-0.222
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162 X= 253.350 Y=-3.653 Z=-0.222
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164 X= 44.694 Y=4.657 Z=-1.200
165 X= 97.120 Y=7.573 Z=-1.200
166 X= 149.627 Y=7.761 Z=-1.200
167 X= 202.073 Y=5.219 Z=-1.200
168 X= 253.814 Y=0.018 Z=-1.100
169 X= 0.930 Y=-7.341 Z=-1.544
170 X= 45.297 Y=-2.719 Z=-1.644
171 X= 97.339 Y=0.176 Z=-1.644
172 X= 149.461 Y=0.362 Z=-1.644
173 X= 201.522 Y=-2.161 Z=-1.644
174 X= 252.885 Y=-7.324 Z=-1.544

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Type=Distributed Span

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Add= 2 RD=0.000, 1.000 Uzp=-18.432, -18.432 R1=-17.981, -17.981

Add= 3 RD=0.000, 1.000 Uzp=-18.432, -18.432 R1=-17.981, -17.981

Add= 4 RD=0.000, 1.000 Uzp=-18.432, -18.432 R1=-17.981, -17.981

Add= 5 RD=0.000, 1.000 Uzp=-18.432, -18.432 R1=-17.981, -17.981

LOAD
Name=AFTER : AFTER SELF-WEIGHT LOAD (부속
시설하중 포함)
Type=Distributed Span
Add= 1 RD=0.000, 1.000 Uzp=-18.432,
-18.432 R1=-17.981, -17.981
Add= 2 RD=0.000, 1.000 Uzp=-18.432,
-18.432 R1=-17.981, -17.981
Add= 3 RD=0.000, 1.000 Uzp=-18.432,
-18.432 R1=-17.981, -17.981
Add= 4 RD=0.000, 1.000 Uzp=-18.432,
-18.432 R1=-17.981, -17.981
Add= 5 RD=0.000, 1.000 Uzp=-18.432,
-18.432 R1=-17.981, -17.981

-6.062
Add=260 RD=0.000, 1.000 Uzp=-6.062,
-6.062
Add=261 RD=0.000, 1.000 Uzp=-6.062,
-6.062
Add=262 RD=0.000, 1.000 Uzp=-6.062,
-6.062
Add=263 RD=0.000, 1.000 Uzp=-6.062,
-6.062
Add=264 RD=0.000, 1.000 Uzp=-6.062,
-6.062
Add=265 RD=0.000, 1.000 Uzp=-6.062,
-6.062
Add=266 RD=0.000, 1.000 Uzp=-6.062,
-6.062
Add=267 RD=0.000, 1.000 Uzp=-6.062,
-6.062

OUTPUT

Elem=Joint	Type=Disp,REAC	Load=*	Comb=*
Elem=Frame	Type=Force	Load=*	Comb=*

< MOVING LOAD >

SYSTEM

LENGTH=M FORCE=KN

JOINT

1	X= 0.000	Y=0.000	Z=0.000
2	X= 4.510	Y=0.561	Z=0.000
3	X= 9.523	Y=1.161	Z=0.000
4	X= 14.540	Y=1.736	Z=0.000
5	X= 19.559	Y=2.285	Z=0.000
6	X= 24.581	Y=2.810	Z=0.000
7	X= 29.606	Y=3.309	Z=0.000
8	X= 34.633	Y=3.784	Z=0.000
9	X= 39.662	Y=4.233	Z=0.000
10	X= 44.694	Y=4.657	Z=0.000
11	X= 48.217	Y=4.939	Z=0.000
12	X= 53.252	Y=5.320	Z=0.000
13	X= 58.289	Y=5.676	Z=0.000
14	X= 63.327	Y=6.007	Z=0.000
15	X= 68.367	Y=6.312	Z=0.000
16	X= 73.409	Y=6.593	Z=0.000
17	X= 78.452	Y=6.848	Z=0.000
18	X= 83.496	Y=7.078	Z=0.000
19	X= 88.541	Y=7.283	Z=0.000
20	X= 93.587	Y=7.462	Z=0.000
21	X= 97.120	Y=7.573	Z=0.000
22	X= 100.653	Y=7.671	Z=0.000
23	X= 105.701	Y=7.790	Z=0.000
24	X= 110.749	Y=7.884	Z=0.000
25	X= 115.798	Y=7.953	Z=0.000
26	X= 120.847	Y=7.996	Z=0.000
27	X= 125.897	Y=8.014	Z=0.000
28	X= 130.946	Y=8.007	Z=0.000
29	X= 135.995	Y=7.974	Z=0.000
30	X= 141.044	Y=7.917	Z=0.000
31	X= 146.093	Y=7.834	Z=0.000
32	X= 149.627	Y=7.761	Z=0.000
33	X= 153.160	Y=7.675	Z=0.000
34	X= 158.208	Y=7.532	Z=0.000
35	X= 163.254	Y=7.363	Z=0.000
36	X= 168.300	Y=7.169	Z=0.000
37	X= 173.344	Y=6.950	Z=0.000
38	X= 178.388	Y=6.705	Z=0.000
39	X= 183.430	Y=6.436	Z=0.000
40	X= 188.471	Y=6.141	Z=0.000
41	X= 193.510	Y=5.821	Z=0.000
42	X= 198.547	Y=5.475	Z=0.000
43	X= 202.073	Y=5.219	Z=0.000
44	X= 207.107	Y=4.831	Z=0.000
45	X= 212.139	Y=4.417	Z=0.000
46	X= 217.170	Y=3.979	Z=0.000
47	X= 222.198	Y=3.515	Z=0.000
48	X= 227.223	Y=3.027	Z=0.000
49	X= 232.246	Y=2.513	Z=0.000
50	X= 237.267	Y=1.974	Z=0.000
51	X= 242.285	Y=1.410	Z=0.000
52	X= 247.300	Y=0.821	Z=0.000
53	X= 252.311	Y=0.207	Z=0.000
54	X= 253.814	Y=0.018	Z=0.000
55	X= 0.930	Y=-7.341	Z=-0.444
56	X= 5.407	Y=-6.784	Z=-0.444
57	X= 10.384	Y=-6.189	Z=-0.444
58	X= 15.364	Y=-5.618	Z=-0.444
59	X= 20.346	Y=-5.073	Z=-0.444
60	X= 25.331	Y=-4.552	Z=-0.444
61	X= 30.319	Y=-4.056	Z=-0.444
62	X= 35.309	Y=-3.585	Z=-0.444
63	X= 40.302	Y=-3.139	Z=-0.444
64	X= 45.297	Y=-2.719	Z=-0.444
65	X= 48.794	Y=-2.439	Z=-0.444
66	X= 53.792	Y=-2.060	Z=-0.444
67	X= 58.792	Y=-1.707	Z=-0.444
68	X= 63.793	Y=-1.379	Z=-0.444

69	X= 68.797	Y=-1.075	Z=-0.444
70	X= 73.801	Y=-0.797	Z=-0.444
71	X= 78.807	Y=-0.543	Z=-0.444
72	X= 83.814	Y=-0.315	Z=-0.444
73	X= 88.823	Y=-0.112	Z=-0.444
74	X= 93.832	Y=0.067	Z=-0.444
75	X= 97.339	Y=0.176	Z=-0.444
76	X= 100.846	Y=0.274	Z=-0.444
77	X= 105.857	Y=0.392	Z=-0.444
78	X= 110.868	Y=0.485	Z=-0.444
79	X= 115.880	Y=0.553	Z=-0.444
80	X= 120.892	Y=0.596	Z=-0.444
81	X= 125.905	Y=0.614	Z=-0.444
82	X= 130.917	Y=0.607	Z=-0.444
83	X= 135.929	Y=0.575	Z=-0.444
84	X= 140.941	Y=0.517	Z=-0.444
85	X= 145.953	Y=0.435	Z=-0.444
86	X= 149.461	Y=0.362	Z=-0.444
87	X= 152.968	Y=0.278	Z=-0.444
88	X= 157.979	Y=0.135	Z=-0.444
89	X= 162.988	Y=-0.032	Z=-0.444
90	X= 167.997	Y=-0.225	Z=-0.444
91	X= 173.005	Y=-0.443	Z=-0.444
92	X= 178.011	Y=-0.685	Z=-0.444
93	X= 183.016	Y=-0.953	Z=-0.444
94	X= 188.020	Y=-1.246	Z=-0.444
95	X= 193.022	Y=-1.563	Z=-0.444
96	X= 198.023	Y=-1.906	Z=-0.444
97	X= 201.522	Y=-2.161	Z=-0.444
98	X= 206.520	Y=-2.546	Z=-0.444
99	X= 211.515	Y=-2.956	Z=-0.444
100	X= 216.509	Y=-3.391	Z=-0.444
101	X= 221.500	Y=-3.852	Z=-0.444
102	X= 226.489	Y=-4.337	Z=-0.444
103	X= 231.475	Y=-4.847	Z=-0.444
104	X= 236.459	Y=-5.382	Z=-0.444
105	X= 241.440	Y=-5.941	Z=-0.444
106	X= 246.418	Y=-6.526	Z=-0.444
107	X= 251.393	Y=-7.136	Z=-0.444
108	X= 252.885	Y=-7.324	Z=-0.444
109	X= 0.465	Y=-3.671	Z=-0.222
110	X= 4.958	Y=-3.111	Z=-0.222
111	X= 9.954	Y=-2.514	Z=-0.222
112	X= 14.952	Y=-1.941	Z=-0.222
113	X= 19.953	Y=-1.394	Z=-0.222
114	X= 24.956	Y=-0.871	Z=-0.222
115	X= 29.962	Y=-0.373	Z=-0.222
116	X= 34.971	Y=0.099	Z=-0.222
117	X= 39.982	Y=0.547	Z=-0.222
118	X= 44.995	Y=0.969	Z=-0.222
119	X= 48.505	Y=1.250	Z=-0.222
120	X= 53.522	Y=1.630	Z=-0.222
121	X= 58.540	Y=1.984	Z=-0.222
122	X= 63.560	Y=2.314	Z=-0.222
123	X= 68.582	Y=2.619	Z=-0.222
124	X= 73.605	Y=2.898	Z=-0.222
125	X= 78.629	Y=3.152	Z=-0.222
126	X= 83.655	Y=3.382	Z=-0.222
127	X= 88.682	Y=3.586	Z=-0.222
128	X= 93.709	Y=3.764	Z=-0.222
129	X= 97.229	Y=3.875	Z=-0.222
130	X= 100.749	Y=3.973	Z=-0.222
131	X= 105.779	Y=4.091	Z=-0.222
132	X= 110.809	Y=4.185	Z=-0.222
133	X= 115.839	Y=4.253	Z=-0.222
134	X= 120.870	Y=4.296	Z=-0.222
135	X= 125.901	Y=4.314	Z=-0.222
136	X= 130.932	Y=4.307	Z=-0.222
137	X= 135.962	Y=4.275	Z=-0.222
138	X= 140.993	Y=4.217	Z=-0.222
139	X= 146.023	Y=4.134	Z=-0.222
140	X= 149.544	Y=4.062	Z=-0.222
141	X= 153.064	Y=3.976	Z=-0.222
142	X= 158.093	Y=3.833	Z=-0.222
143	X= 163.121	Y=3.665	Z=-0.222
144	X= 168.148	Y=3.472	Z=-0.222
145	X= 173.174	Y=3.254	Z=-0.222
146	X= 178.199	Y=3.010	Z=-0.222
147	X= 183.223	Y=2.741	Z=-0.222
148	X= 188.245	Y=2.448	Z=-0.222
149	X= 193.266	Y=2.129	Z=-0.222
150	X= 198.285	Y=1.785	Z=-0.222
151	X= 201.797	Y=1.529	Z=-0.222
152	X= 206.813	Y=1.142	Z=-0.222
153	X= 211.827	Y=0.731	Z=-0.222
154	X= 216.839	Y=0.294	Z=-0.222
155	X= 221.849	Y=-0.168	Z=-0.222
156	X= 226.856	Y=-0.655	Z=-0.222
157	X= 231.861	Y=-1.167	Z=-0.222
158	X= 236.863	Y=-1.704	Z=-0.222
159	X= 241.862	Y=-2.266	Z=-0.222
160	X= 246.859	Y=-2.853	Z=-0.222
161	X= 251.852	Y=-3.464	Z=-0.222
162	X= 253.350	Y=-3.653	Z=-0.222
163	X= 0.000	Y=0.000	Z=-1.100
164	X= 44.694	Y=4.657	Z=-1.200
165	X= 97.120	Y=7.573	Z=-1.200

166	X= 149.627	Y=7.761	Z=-1.200
167	X= 202.073	Y=5.219	Z=-1.200
168	X= 253.814	Y=0.018	Z=-1.100
169	X= 0.930	Y=-7.341	Z=-1.544
170	X= 45.297	Y=-2.719	Z=-1.644
171	X= 97.339	Y=0.176	Z=-1.644
172	X= 149.461	Y=0.362	Z=-1.644
173	X= 201.522	Y=-2.161	Z=-1.644
174	X= 252.885	Y=-7.324	Z=-1.544

LOCAL

ADD= 163	ANG=0.104
ADD= 164	ANG=-4.865
ADD= 165	ANG=1.694
ADD= 166	ANG=8.253
ADD= 167	ANG=2.756
ADD= 168	ANG=-0.058
ADD= 169	ANG=4.459
ADD= 170	ANG=3.184
ADD= 171	ANG=1.694
ADD= 172	ANG=0.205
ADD= 173	ANG=-1.285
ADD= 174	ANG=-2.761

RESTRAINT

ADD= 163	DOF=	U3,
ADD= 164	DOF=	U3,
ADD= 165	DOF=	U1, U3,
ADD= 166	DOF=	U3,
ADD= 167	DOF=	U3,
ADD= 168	DOF=	U3,
ADD= 169	DOF=	U2, U3,
ADD= 170	DOF=	U2, U3,
ADD= 171	DOF=	U1, U2, U3,
ADD= 172	DOF=	U2, U3,
ADD= 173	DOF=	U2, U3,
ADD= 174	DOF=	U2, U3,

MATERIAL

Name=1	E=2.1e+008
Name=2	E=2.1e+008
Name=3	E=2.1e+008
Name=4	E=2.1e+008
Name=5	E=2.1e+008
Name=6	E=2.1e+008
Name=7	E=2.1e+008
Name=8	E=2.1e+008
Name=9	E=2.1e+008
Name=10	E=2.1e+008
Name=11	E=2.1e+008
Name=12	E=2.1e+008
Name=13	E=2.1e+008
Name=14	E=2.1e+008
Name=15	E=2.1e+008
Name=16	E=2.1e+008
Name=17	E=2.1e+008
Name=18	E=2.1e+008
Name=19	E=2.1e+008
Name=20	E=2.1e+008
Name=21	E=2.1e+008
Name=22	E=2.1e+008
Name=23	E=2.1e+008
Name=24	E=2.1e+008
Name=25	E=2.1e+008
Name=26	E=2.1e+008
Name=27	E=2.1e+008

FRAME SECTION

Name= 1	Mat= 1	A=0.32772	I=0.24443271,
0.68946022	J=0.20646954		

Name= 2 Mat= 2 A=0.33252 I=0.29290270,
0.69764733 J=0.23346075
Name= 3 Mat= 3 A=0.34932 I=0.35786756,
0.70862333 J=0.26177854
Name= 4 Mat= 4 A=0.35772 I=0.38531111,
0.70862333 J=0.26177854
Name= 5 Mat= 5 A=0.37452 I=0.39024231,
0.71959933 J=0.26542297
Name= 6 Mat= 6 A=0.39972 I=0.45269935,
0.74155133 J=0.28628510
Name= 7 Mat= 7 A=0.45412 I=0.54319188,
0.78737077 J=0.34362934
Name= 8 Mat= 8 A=0.42212 I=0.46057525,
0.75618600 J=0.28998133
Name= 9 Mat= 9 A=0.39132 I=0.39485285,
0.73057533 J=0.26843053
Name= 10 Mat= 10 A=0.34932 I=0.33813419,
0.70862333 J=0.25528331
Name= 11 Mat= 11 A=0.34372 I=0.33687455,
0.70496466 J=0.25405217
Name= 12 Mat= 12 A=0.33072 I=0.27412882,
0.69457716 J=0.22327168
Name= 13 Mat= 13 A=0.33381 I=0.24609641,
0.74564220 J=0.20846954
Name= 14 Mat= 14 A=0.33861 I=0.29490934,
0.75382931 J=0.23346075
Name= 15 Mat= 15 A=0.35541 I=0.36059923,
0.76480531 J=0.26177854
Name= 16 Mat= 16 A=0.36381 I=0.38840040,
0.76480531 J=0.26177854
Name= 17 Mat= 17 A=0.38061 I=0.39312457,
0.77578131 J=0.26542297
Name= 18 Mat= 18 A=0.40581 I=0.45616471,
0.79773331 J=0.28628510
Name= 19 Mat= 19 A=0.46021 I=0.54737055,
0.84355275 J=0.34362934
Name= 20 Mat= 20 A=0.42821 I=0.46375581,
0.81236797 J=0.28998133
Name= 21 Mat= 21 A=0.39741 I=0.39755002,
0.78675731 J=0.26843053
Name= 22 Mat= 22 A=0.35541 I=0.34056164,
0.76480531 J=0.25528331
Name= 23 Mat= 23 A=0.34981 I=0.33935974,
0.76114664 J=0.25405217
Name= 24 Mat= 24 A=0.33681 I=0.27600194,
0.75075914 J=0.22327168
Name= 25 Mat= 25 A=0.02100 I=0.00623270,
0.00004512 J=0.00000070
Name= 26 Mat= 26 A=0.01400 I=0.00141087,
0.00004507 J=0.00000047
Name= 27 Mat= 27 A=10.000000 I=10.00000000,
10.00000000 J=10.00000000
Name= 28 Type=Nonpr Sec= 1, 2
Elvar=2,1
Name= 29 Type=Nonpr Sec= 2, 3
Name= 30 Type=Nonpr Sec= 2, 12
Name= 31 Type=Nonpr Sec= 3, 2
Name= 32 Type=Nonpr Sec= 3, 4
Name= 33 Type=Nonpr Sec= 4, 3
Name= 34 Type=Nonpr Sec= 4, 5
Name= 35 Type=Nonpr Sec= 5, 4
Name= 36 Type=Nonpr Sec= 5, 6
Name= 37 Type=Nonpr Sec= 5, 9
Name= 38 Type=Nonpr Sec= 5, 10
Name= 39 Type=Nonpr Sec= 5, 11
Name= 40 Type=Nonpr Sec= 6, 5
Name= 41 Type=Nonpr Sec= 6, 7
Name= 42 Type=Nonpr Sec= 7, 6
Name= 43 Type=Nonpr Sec= 7, 8
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Name= 45 Type=Nonpr Sec= 8, 9
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Name= 50 Type=Nonpr Sec= 12, 1
Name= 51 Type=Nonpr Sec= 13, 14
Name= 52 Type=Nonpr Sec= 14, 15
Name= 53 Type=Nonpr Sec= 14, 24
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Name= 55 Type=Nonpr Sec= 15, 16
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Name= 57 Type=Nonpr Sec= 16, 17
Name= 58 Type=Nonpr Sec= 17, 16
Name= 59 Type=Nonpr Sec= 17, 18
Name= 60 Type=Nonpr Sec= 17, 21
Name= 61 Type=Nonpr Sec= 17, 22
Name= 62 Type=Nonpr Sec= 17, 23
Name= 63 Type=Nonpr Sec= 18, 17
Name= 64 Type=Nonpr Sec= 18, 19
Name= 65 Type=Nonpr Sec= 19, 18
Name= 66 Type=Nonpr Sec= 19, 20
Name= 67 Type=Nonpr Sec= 20, 19
Name= 68 Type=Nonpr Sec= 20, 21
Name= 69 Type=Nonpr Sec= 21, 17
Name= 70 Type=Nonpr Sec= 21, 20
Name= 71 Type=Nonpr Sec= 22, 17

Name= 72 Type=Nonpr Sec= 23, 17
Name= 73 Type=Nonpr Sec= 24, 13
FRAME
1 J= 1, 2 Sec=28 Local=12 Pldir=+Z,+X
NSEG=4
2 J= 2, 3 Sec=29
3 J= 3, 4 Sec= 3
4 J= 4, 5 Sec= 3
5 J= 5, 6 Sec= 3
6 J= 6, 7 Sec=32
7 J= 7, 8 Sec=34
8 J= 8, 9 Sec=36
9 J= 9, 10 Sec=41
10 J= 10, 11 Sec=43
11 J= 11, 12 Sec=45
12 J= 12, 13 Sec=46
13 J= 13, 14 Sec=38
14 J= 14, 15 Sec=10
15 J= 15, 16 Sec=10
16 J= 16, 17 Sec=10
17 J= 17, 18 Sec=48
18 J= 18, 19 Sec=37
19 J= 19, 20 Sec=47
20 J= 20, 21 Sec=44
21 J= 21, 22 Sec=43
22 J= 22, 23 Sec=45
23 J= 23, 24 Sec=46
24 J= 24, 25 Sec=39
25 J= 25, 26 Sec=11
26 J= 26, 27 Sec=11
27 J= 27, 28 Sec=11
28 J= 28, 29 Sec=49
29 J= 29, 30 Sec=37
30 J= 30, 31 Sec=47
31 J= 31, 32 Sec=44
32 J= 32, 33 Sec=43
33 J= 33, 34 Sec=45
34 J= 34, 35 Sec=46
35 J= 35, 36 Sec=39
36 J= 36, 37 Sec=11
37 J= 37, 38 Sec=11
38 J= 38, 39 Sec=11
39 J= 39, 40 Sec=49
40 J= 40, 41 Sec=37
41 J= 41, 42 Sec=47
42 J= 42, 43 Sec=44
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44 J= 44, 45 Sec=40
45 J= 45, 46 Sec=35
46 J= 46, 47 Sec=33
47 J= 47, 48 Sec= 3
48 J= 48, 49 Sec= 3
49 J= 49, 50 Sec= 3
50 J= 50, 51 Sec= 3
51 J= 51, 52 Sec=31
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62 J= 63, 64 Sec=64
63 J= 64, 65 Sec=66
64 J= 65, 66 Sec=68
65 J= 66, 67 Sec=69
66 J= 67, 68 Sec=61
67 J= 68, 69 Sec=22
68 J= 69, 70 Sec=22
69 J= 70, 71 Sec=22
70 J= 71, 72 Sec=71
71 J= 72, 73 Sec=60
72 J= 73, 74 Sec=70
73 J= 74, 75 Sec=67
74 J= 75, 76 Sec=66
75 J= 76, 77 Sec=68
76 J= 77, 78 Sec=69
77 J= 78, 79 Sec=62
78 J= 79, 80 Sec=23
79 J= 80, 81 Sec=23
80 J= 81, 82 Sec=23
81 J= 82, 83 Sec=72
82 J= 83, 84 Sec=60
83 J= 84, 85 Sec=70
84 J= 85, 86 Sec=67
85 J= 86, 87 Sec=66
86 J= 87, 88 Sec=68
87 J= 88, 89 Sec=69
88 J= 89, 90 Sec=62
89 J= 90, 91 Sec=23
90 J= 91, 92 Sec=23
91 J= 92, 93 Sec=23
92 J= 93, 94 Sec=72

93 J= 94, 95 Sec=60
94 J= 95, 96 Sec=70
95 J= 96, 97 Sec=67
96 J= 97, 98 Sec=65
97 J= 98, 99 Sec=63
98 J= 99, 100 Sec=58
99 J=100, 101 Sec=56
100 J=101, 102 Sec=15
101 J=102, 103 Sec=15
102 J=103, 104 Sec=15
103 J=104, 105 Sec=15
104 J=105, 106 Sec=54
105 J=106, 107 Sec=53
106 J=107, 108 Sec=73
107 J= 1, 109 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
108 J=109, 55 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
109 J= 2, 110 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
110 J=110, 56 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
111 J= 3, 111 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
112 J=111, 57 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
113 J= 4, 112 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
114 J=112, 58 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
115 J= 5, 113 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
116 J=113, 59 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
117 J= 6, 114 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
118 J=114, 60 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
119 J= 7, 115 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
120 J=115, 61 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
121 J= 8, 116 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
122 J=116, 62 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
123 J= 9, 117 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
124 J=117, 63 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
125 J= 10, 118 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
126 J=118, 64 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
127 J= 11, 119 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
128 J=119, 65 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
129 J= 12, 120 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
130 J=120, 66 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
131 J= 13, 121 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
132 J=121, 67 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
133 J= 14, 122 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
134 J=122, 68 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
135 J= 15, 123 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
136 J=123, 69 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
137 J= 16, 124 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
138 J=124, 70 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
139 J= 17, 125 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
140 J=125, 71 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
141 J= 18, 126 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
142 J=126, 72 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
143 J= 19, 127 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
144 J=127, 73 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
145 J= 20, 128 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
146 J=128, 74 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
147 J= 21, 129 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
148 J=129, 75 Sec=25 IOFF=0.000 JOFF=1.300

RIGID=1.0
149 J= 22, 130 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
150 J=130, 76 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
151 J= 23, 131 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
152 J=131, 77 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
153 J= 24, 132 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
154 J=132, 78 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
155 J= 25, 133 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
156 J=133, 79 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
157 J= 26, 134 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
158 J=134, 80 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
159 J= 27, 135 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
160 J=135, 81 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
161 J= 28, 136 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
162 J=136, 82 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
163 J= 29, 137 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
164 J=137, 83 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
165 J= 30, 138 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
166 J=138, 84 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
167 J= 31, 139 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
168 J=139, 85 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
169 J= 32, 140 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
170 J=140, 86 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
171 J= 33, 141 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
172 J=141, 87 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
173 J= 34, 142 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
174 J=142, 88 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
175 J= 35, 143 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
176 J=143, 89 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
177 J= 36, 144 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
178 J=144, 90 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
179 J= 37, 145 Sec=25 IOFF=1.300 JOFF=0.000
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180 J=145, 91 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
181 J= 38, 146 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
182 J=146, 92 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
183 J= 39, 147 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
184 J=147, 93 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
185 J= 40, 148 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
186 J=148, 94 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
187 J= 41, 149 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
188 J=149, 95 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
189 J= 42, 150 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
190 J=150, 96 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
191 J= 43, 151 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
192 J=151, 97 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
193 J= 44, 152 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
194 J=152, 98 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
195 J= 45, 153 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
196 J=153, 99 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0

197 J= 46, 154 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
198 J=154, 100 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
199 J= 47, 155 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
200 J=155, 101 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
201 J= 48, 156 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
202 J=156, 102 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
203 J= 49, 157 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
204 J=157, 103 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
205 J= 50, 158 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
206 J=158, 104 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
207 J= 51, 159 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
208 J=159, 105 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
209 J= 52, 160 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
210 J=160, 106 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
211 J= 53, 161 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
212 J=161, 107 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
213 J= 54, 162 Sec=25 IOFF=1.300 JOFF=0.000
RIGID=1.0
214 J=162, 108 Sec=25 IOFF=0.000 JOFF=1.300
RIGID=1.0
215 J=109, 110 Sec=26
216 J=110, 111 Sec=26
217 J=111, 112 Sec=26
218 J=112, 113 Sec=26
219 J=113, 114 Sec=26
220 J=114, 115 Sec=26
221 J=115, 116 Sec=26
222 J=116, 117 Sec=26
223 J=117, 118 Sec=26
224 J=118, 119 Sec=26
225 J=119, 120 Sec=26
226 J=120, 121 Sec=26
227 J=121, 122 Sec=26
228 J=122, 123 Sec=26
229 J=123, 124 Sec=26
230 J=124, 125 Sec=26
231 J=125, 126 Sec=26
232 J=126, 127 Sec=26
233 J=127, 128 Sec=26
234 J=128, 129 Sec=26
235 J=129, 130 Sec=26
236 J=130, 131 Sec=26
237 J=131, 132 Sec=26
238 J=132, 133 Sec=26
239 J=133, 134 Sec=26
240 J=134, 135 Sec=26
241 J=135, 136 Sec=26
242 J=136, 137 Sec=26
243 J=137, 138 Sec=26
244 J=138, 139 Sec=26
245 J=139, 140 Sec=26
246 J=140, 141 Sec=26
247 J=141, 142 Sec=26
248 J=142, 143 Sec=26
249 J=143, 144 Sec=26
250 J=144, 145 Sec=26
251 J=145, 146 Sec=26
252 J=146, 147 Sec=26
253 J=147, 148 Sec=26
254 J=148, 149 Sec=26
255 J=149, 150 Sec=26
256 J=150, 151 Sec=26
257 J=151, 152 Sec=26
258 J=152, 153 Sec=26
259 J=153, 154 Sec=26
260 J=154, 155 Sec=26
261 J=155, 156 Sec=26
262 J=156, 157 Sec=26
263 J=157, 158 Sec=26
264 J=158, 159 Sec=26
265 J=159, 160 Sec=26
266 J=160, 161 Sec=26
267 J=161, 162 Sec=26
268 J= 1, 163 Sec=27
269 J= 10, 164 Sec=27
270 J= 21, 165 Sec=27
271 J= 32, 166 Sec=27
272 J= 43, 167 Sec=27
273 J= 54, 168 Sec=27
274 J= 55, 169 Sec=27
275 J= 64, 170 Sec=27

276 J= 75, 171 Sec=27
277 J= 86, 172 Sec=27
278 J= 97, 173 Sec=27
279 J=108, 174 Sec=27

LANE
: Case = 1 ----- G1 Max DB 1선
Name=1
Path= 1, 9, 1, Ecc=0.090
Path= 10, 20, 1, Ecc=0.090
Path= 21, 31, 1, Ecc=0.090
Path= 32, 42, 1, Ecc=0.090
Path= 43, 53, 1, Ecc=0.090
Name=2
Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000
Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000
Name=3
Path= 54, 62, 1, Ecc=1.765
Path= 63, 73, 1, Ecc=1.765
Path= 74, 84, 1, Ecc=1.765
Path= 85, 95, 1, Ecc=1.765
Path= 96, 106, 1, Ecc=1.765
: Case = 2 ----- G1 Max DB 2선
Name=4
Path= 1, 9, 1, Ecc=-0.211
Path= 10, 20, 1, Ecc=-0.211
Path= 21, 31, 1, Ecc=-0.211
Path= 32, 42, 1, Ecc=-0.211
Path= 43, 53, 1, Ecc=-0.211
Name=5
Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000
Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000
Name=6
Path= 54, 62, 1, Ecc=1.729
Path= 63, 73, 1, Ecc=1.729
Path= 74, 84, 1, Ecc=1.729
Path= 85, 95, 1, Ecc=1.729
Path= 96, 106, 1, Ecc=1.729
: Case = 3 ----- G1 Max DB 3선
Name=7
Path= 1, 9, 1, Ecc=-0.223
Path= 10, 20, 1, Ecc=-0.223
Path= 21, 31, 1, Ecc=-0.223
Path= 32, 42, 1, Ecc=-0.223
Path= 43, 53, 1, Ecc=-0.223
Name=8
Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000
Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000
Name=9
Path= 54, 62, 1, Ecc=0.678
Path= 63, 73, 1, Ecc=0.678
Path= 74, 84, 1, Ecc=0.678
Path= 85, 95, 1, Ecc=0.678
Path= 96, 106, 1, Ecc=0.678
: Case = 4 ----- G2 Max DB 1선
Name=10
Path= 1, 9, 1, Ecc=-1.765
Path= 10, 20, 1, Ecc=-1.765
Path= 21, 31, 1, Ecc=-1.765
Path= 32, 42, 1, Ecc=-1.765
Path= 43, 53, 1, Ecc=-1.765
Name=11
Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000
Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000
Name=12
Path= 54, 62, 1, Ecc=-0.498
Path= 63, 73, 1, Ecc=-0.498
Path= 74, 84, 1, Ecc=-0.498
Path= 85, 95, 1, Ecc=-0.498
Path= 96, 106, 1, Ecc=-0.498
: Case = 5 ----- G2 Max DB 2선
Name=13
Path= 1, 9, 1, Ecc=-1.770
Path= 10, 20, 1, Ecc=-1.770
Path= 21, 31, 1, Ecc=-1.770
Path= 32, 42, 1, Ecc=-1.770
Path= 43, 53, 1, Ecc=-1.770
Name=14
Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000

Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000
Name=15
Path= 54, 62, 1, Ecc=0.008
Path= 63, 73, 1, Ecc=0.008
Path= 74, 84, 1, Ecc=0.008
Path= 85, 95, 1, Ecc=0.008
Path= 96, 106, 1, Ecc=0.008

: Case = 6 ----- G2 Max DB 3선

Name=16
Path= 1, 9, 1, Ecc=-0.842
Path= 10, 20, 1, Ecc=-0.842
Path= 21, 31, 1, Ecc=-0.842
Path= 32, 42, 1, Ecc=-0.842
Path= 43, 53, 1, Ecc=-0.842

Name=17
Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000
Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000

Name=18
Path= 54, 62, 1, Ecc=0.003
Path= 63, 73, 1, Ecc=0.003
Path= 74, 84, 1, Ecc=0.003
Path= 85, 95, 1, Ecc=0.003
Path= 96, 106, 1, Ecc=0.003

: Case = 7 ----- G1 Max DL 1선

Name=19
Path= 1, 9, 1, Ecc=0.079
Path= 10, 20, 1, Ecc=0.079
Path= 21, 31, 1, Ecc=0.079
Path= 32, 42, 1, Ecc=0.079
Path= 43, 53, 1, Ecc=0.079

Name=20
Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000
Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000

Name=21
Path= 54, 62, 1, Ecc=1.764
Path= 63, 73, 1, Ecc=1.764
Path= 74, 84, 1, Ecc=1.764
Path= 85, 95, 1, Ecc=1.764
Path= 96, 106, 1, Ecc=1.764

: Case = 8 ----- G1 Max DL 2선

Name=22
Path= 1, 9, 1, Ecc=-0.206
Path= 10, 20, 1, Ecc=-0.206
Path= 21, 31, 1, Ecc=-0.206
Path= 32, 42, 1, Ecc=-0.206
Path= 43, 53, 1, Ecc=-0.206

Name=23
Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000
Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000

Name=24
Path= 54, 62, 1, Ecc=1.668
Path= 63, 73, 1, Ecc=1.668
Path= 74, 84, 1, Ecc=1.668
Path= 85, 95, 1, Ecc=1.668
Path= 96, 106, 1, Ecc=1.668

: Case = 9 ----- G1 Max DL 3선

Name=25
Path= 1, 9, 1, Ecc=-0.221
Path= 10, 20, 1, Ecc=-0.221
Path= 21, 31, 1, Ecc=-0.221
Path= 32, 42, 1, Ecc=-0.221
Path= 43, 53, 1, Ecc=-0.221

Name=26
Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000
Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000

Name=27
Path= 54, 62, 1, Ecc=0.684
Path= 63, 73, 1, Ecc=0.684
Path= 74, 84, 1, Ecc=0.684
Path= 85, 95, 1, Ecc=0.684
Path= 96, 106, 1, Ecc=0.684

: Case = 10 ----- G2 Max DL 1선

Name=28
Path= 1, 9, 1, Ecc=-1.765
Path= 10, 20, 1, Ecc=-1.765
Path= 21, 31, 1, Ecc=-1.765
Path= 32, 42, 1, Ecc=-1.765
Path= 43, 53, 1, Ecc=-1.765

Name=29

Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000
Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000

Name=30
Path= 54, 62, 1, Ecc=-0.492
Path= 63, 73, 1, Ecc=-0.492
Path= 74, 84, 1, Ecc=-0.492
Path= 85, 95, 1, Ecc=-0.492
Path= 96, 106, 1, Ecc=-0.492

: Case = 11 ----- G2 Max DL 2선

Name=31
Path= 1, 9, 1, Ecc=-1.827
Path= 10, 20, 1, Ecc=-1.827
Path= 21, 31, 1, Ecc=-1.827
Path= 32, 42, 1, Ecc=-1.827
Path= 43, 53, 1, Ecc=-1.827

Name=32
Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000
Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000

Name=33
Path= 54, 62, 1, Ecc=0.007
Path= 63, 73, 1, Ecc=0.007
Path= 74, 84, 1, Ecc=0.007
Path= 85, 95, 1, Ecc=0.007
Path= 96, 106, 1, Ecc=0.007

: Case = 12 ----- G2 Max DL 3선

Name=34
Path= 1, 9, 1, Ecc=-0.862
Path= 10, 20, 1, Ecc=-0.862
Path= 21, 31, 1, Ecc=-0.862
Path= 32, 42, 1, Ecc=-0.862
Path= 43, 53, 1, Ecc=-0.862

Name=35
Path= 215, 223, 1, Ecc=0.000
Path= 224, 234, 1, Ecc=0.000
Path= 235, 245, 1, Ecc=0.000
Path= 246, 256, 1, Ecc=0.000
Path= 257, 267, 1, Ecc=0.000

Name=36
Path= 54, 62, 1, Ecc=0.008
Path= 63, 73, 1, Ecc=0.008
Path= 74, 84, 1, Ecc=0.008
Path= 85, 95, 1, Ecc=0.008
Path= 96, 106, 1, Ecc=0.008

VEHICLES

Name=1 TYPE=Gen ; DB-24

P=24.000

D=4.200 P=96.000

D=4.200 9.000 P=96.000

Name=2 TYPE=Gen ; DL-24

W=4.233 PM=36.000 PXM=52.000

Vehicle Class

Name=1

Vehi=1

Name=2

Vehi=2

Bridge Response

Elem=Frame

Add=*

Elem=Joint Type=DISP

Add=*

Elem=Joint Type=REAC

Add=*

MOVING LOAD

Name= 1 Rf=1.000 ; G1 Max DB 1선

Lane= 1 Class= 1 Lmin= 1 Lmax= 1

Sf=2.143

Lane= 2 Class= 1 Lmin= 1 Lmax= 1

Sf=0.001

Lane= 3 Class= 1 Lmin= 1 Lmax= 1

Sf=0.037

Name= 2 Rf=1.000 ; G1 Max DB 2선

Lane= 4 Class= 1 Lmin= 1 Lmax= 1

Sf=2.609

Lane= 5 Class= 1 Lmin= 1 Lmax= 1

Sf=1.289

Lane= 6 Class= 1 Lmin= 1 Lmax= 1

Sf=0.102

Name= 3 Rf=0.900 ; G1 Max DB 3선

Lane= 7 Class= 1 Lmin= 1 Lmax= 1

Sf=2.629

Lane= 8 Class= 1 Lmin= 1 Lmax= 1

Sf=1.189

Lane= 9 Class= 1 Lmin= 1 Lmax= 1

Sf=2.182

Name= 4 Rf=1.000 ; G2 Max DB 1선

Lane= 10 Class= 1 Lmin= 1 Lmax= 1

Sf=0.027

Lane= 11 Class= 1 Lmin= 1 Lmax= 1

Sf=0.001

Lane= 12 Class= 1 Lmin= 1 Lmax= 1

Sf=2.104

Name= 5 Rf=1.000 ; G2 Max DB 2선

Lane= 13 Class= 1 Lmin= 1 Lmax= 1

Sf=0.001

Lane= 14 Class= 1 Lmin= 1 Lmax= 1

Sf=1.205

Lane= 15 Class= 1 Lmin= 1 Lmax= 1

Sf=2.802

Name= 6 Rf=0.900 ; G2 Max DB 3선

Lane= 16 Class= 1 Lmin= 1 Lmax= 1

Sf=1.957

Lane= 17 Class= 1 Lmin= 1 Lmax= 1

Sf=1.248

Lane= 18 Class= 1 Lmin= 1 Lmax= 1

Sf=2.795

Name= 7 Rf=1.000 ; G1 Max DL 1선

Lane= 19 Class= 2 Lmin= 1 Lmax= 1

Sf=3.225

Lane= 20 Class= 2 Lmin= 1 Lmax= 1

Sf=0.001

Lane= 21 Class= 2 Lmin= 1 Lmax= 1

Sf=0.059

Name= 8 Rf=1.000 ; G1 Max DL 2선

Lane= 22 Class= 2 Lmin= 1 Lmax= 1

Sf=3.888

Lane= 23 Class= 2 Lmin= 1 Lmax= 1

Sf=1.995

Lane= 24 Class= 2 Lmin= 1 Lmax= 1

Sf=0.117

Name= 9 Rf=0.900 ; G1 Max DL 3선

Lane= 25 Class= 2 Lmin= 1 Lmax= 1

Sf=3.927

Lane= 26 Class= 2 Lmin= 1 Lmax= 1

Sf=1.811

Lane= 27 Class= 2 Lmin= 1 Lmax= 1

Sf=3.262

Name= 10 Rf=1.000 ; G2 Max DL 1선

Lane= 28 Class= 2 Lmin= 1 Lmax= 1

Sf=0.042

Lane= 29 Class= 2 Lmin= 1 Lmax= 1

Sf=0.001

Lane= 30 Class= 2 Lmin= 1 Lmax= 1

Sf=3.161

Name= 11 Rf=1.000 ; G2 Max DL 2선

Lane= 31 Class= 2 Lmin= 1 Lmax= 1

Sf=0.001

Lane= 32 Class= 2 Lmin= 1 Lmax= 1

Sf=1.844

Lane= 33 Class= 2 Lmin= 1 Lmax= 1

Sf=4.191

Name= 12 Rf=0.900 ; G2 Max DL 3선

Lane= 34 Class= 2 Lmin= 1 Lmax= 1

Sf=2.950

Lane= 35 Class= 2 Lmin= 1 Lmax= 1

Sf=1.857

Lane= 36 Class= 2 Lmin= 1 Lmax= 1

Sf=4.193

COMBO

Name=DB-G1-1 Type=ENVE ; G1 Max DB 1선

MOVE=1 sf=1.178

Name=DB-G1-2 Type=ENVE ; G1 Max DB 2선

MOVE=2 sf=1.178

Name=DB-G1-3 Type=ENVE ; G1 Max DB 3선

MOVE=3 sf=1.178

Name=DB-G2-1 Type=ENVE ; G2 Max DB 1선

MOVE=4 sf=1.178

Name=DB-G2-2 Type=ENVE ; G2 Max DB 2선

MOVE=5 sf=1.178

Name=DB-G2-3 Type=ENVE ; G2 Max DB 3선

MOVE=6 sf=1.178

Name=DL-G1-1 Type=ENVE ; G1 Max DL 1선

MOVE=7 sf=1.178

Name=DL-G1-2 Type=ENVE ; G1 Max DL 2선
MOVE=8 sf=1.178

Name=DL-G1-3 Type=ENVE ; G1 Max DL 3선
MOVE=9 sf=1.178

Name=DL-G2-1 Type=ENVE ; G2 Max DL 1선
MOVE=10 sf=1.178

Name=DL-G2-2 Type=ENVE ; G2 Max DL 2선
MOVE=11 sf=1.178

Name=DL-G2-3 Type=ENVE ; G2 Max DL 3선
MOVE=12 sf=1.178

Name=DB Type=ENVE ;
COMB=DB-G1-1 sf=1.000
COMB=DB-G1-2 sf=1.000
COMB=DB-G1-3 sf=1.000
COMB=DB-G2-1 sf=1.000
COMB=DB-G2-2 sf=1.000
COMB=DB-G2-3 sf=1.000

Name=DL Type=ENVE ;
COMB=DL-G1-1 sf=1.000
COMB=DL-G1-2 sf=1.000
COMB=DL-G1-3 sf=1.000
COMB=DL-G2-1 sf=1.000
COMB=DL-G2-2 sf=1.000
COMB=DL-G2-3 sf=1.000

Name=CAR Type=ENVE ;
COMB=DB sf=1.000
COMB=DL sf=1.000

Name=DESIGN Type=ENVE ;
COMB=CAR sf=1.000

OUTPUT

Elem=Joint Type=Disp,REAC Load=★ Comb=★
Elem=Frame Type=Force Load=★ Comb=★

< UNEQUAL SETTLEMENT >

SYSTEM

LENGTH=M FORCE=KN

JOINT

1	X= 0.000	Y=0.000	Z=0.000
2	X= 4.510	Y=0.561	Z=0.000
3	X= 9.523	Y=1.161	Z=0.000
4	X= 14.540	Y=1.736	Z=0.000
5	X= 19.559	Y=2.285	Z=0.000
6	X= 24.581	Y=2.810	Z=0.000
7	X= 29.606	Y=3.309	Z=0.000
8	X= 34.633	Y=3.784	Z=0.000
9	X= 39.662	Y=4.233	Z=0.000
10	X= 44.694	Y=4.657	Z=0.000
11	X= 48.217	Y=4.939	Z=0.000
12	X= 53.252	Y=5.320	Z=0.000
13	X= 58.289	Y=5.676	Z=0.000
14	X= 63.327	Y=6.007	Z=0.000
15	X= 68.367	Y=6.312	Z=0.000
16	X= 73.409	Y=6.593	Z=0.000
17	X= 78.452	Y=6.848	Z=0.000
18	X= 83.496	Y=7.078	Z=0.000
19	X= 88.541	Y=7.283	Z=0.000
20	X= 93.587	Y=7.462	Z=0.000
21	X= 97.120	Y=7.573	Z=0.000
22	X= 100.653	Y=7.671	Z=0.000
23	X= 105.701	Y=7.790	Z=0.000
24	X= 110.749	Y=7.884	Z=0.000
25	X= 115.798	Y=7.953	Z=0.000
26	X= 120.847	Y=7.996	Z=0.000
27	X= 125.897	Y=8.014	Z=0.000
28	X= 130.946	Y=8.007	Z=0.000
29	X= 135.995	Y=7.974	Z=0.000
30	X= 141.044	Y=7.917	Z=0.000
31	X= 146.093	Y=7.834	Z=0.000
32	X= 149.627	Y=7.761	Z=0.000
33	X= 153.160	Y=7.675	Z=0.000
34	X= 158.208	Y=7.532	Z=0.000
35	X= 163.254	Y=7.363	Z=0.000
36	X= 168.300	Y=7.169	Z=0.000
37	X= 173.344	Y=6.950	Z=0.000
38	X= 178.388	Y=6.705	Z=0.000
39	X= 183.430	Y=6.436	Z=0.000
40	X= 188.471	Y=6.141	Z=0.000
41	X= 193.510	Y=5.821	Z=0.000
42	X= 198.547	Y=5.475	Z=0.000
43	X= 202.073	Y=5.219	Z=0.000
44	X= 207.107	Y=4.831	Z=0.000
45	X= 212.139	Y=4.417	Z=0.000
46	X= 217.170	Y=3.979	Z=0.000

47	X= 222.198	Y=3.515	Z=0.000
48	X= 227.223	Y=3.027	Z=0.000
49	X= 232.246	Y=2.513	Z=0.000
50	X= 237.267	Y=1.974	Z=0.000
51	X= 242.285	Y=1.410	Z=0.000
52	X= 247.300	Y=0.821	Z=0.000
53	X= 252.311	Y=0.207	Z=0.000
54	X= 253.814	Y=0.018	Z=0.000
55	X= 0.930	Y=-7.341	Z=-0.444
56	X= 5.407	Y=-6.784	Z=-0.444
57	X= 10.384	Y=-6.189	Z=-0.444
58	X= 15.364	Y=-5.618	Z=-0.444
59	X= 20.346	Y=-5.073	Z=-0.444
60	X= 25.331	Y=-4.552	Z=-0.444
61	X= 30.319	Y=-4.056	Z=-0.444
62	X= 35.309	Y=-3.585	Z=-0.444
63	X= 40.302	Y=-3.139	Z=-0.444
64	X= 45.297	Y=-2.719	Z=-0.444
65	X= 48.794	Y=-2.439	Z=-0.444
66	X= 53.792	Y=-2.060	Z=-0.444
67	X= 58.792	Y=-1.707	Z=-0.444
68	X= 63.793	Y=-1.379	Z=-0.444
69	X= 68.797	Y=-1.075	Z=-0.444
70	X= 73.801	Y=-0.797	Z=-0.444
71	X= 78.807	Y=-0.543	Z=-0.444
72	X= 83.814	Y=-0.315	Z=-0.444
73	X= 88.823	Y=-0.112	Z=-0.444
74	X= 93.832	Y=0.067	Z=-0.444
75	X= 97.339	Y=0.176	Z=-0.444
76	X= 100.846	Y=0.274	Z=-0.444
77	X= 105.857	Y=0.392	Z=-0.444
78	X= 110.868	Y=0.485	Z=-0.444
79	X= 115.880	Y=0.553	Z=-0.444
80	X= 120.892	Y=0.596	Z=-0.444
81	X= 125.905	Y=0.614	Z=-0.444
82	X= 130.917	Y=0.607	Z=-0.444
83	X= 135.929	Y=0.575	Z=-0.444
84	X= 140.941	Y=0.517	Z=-0.444
85	X= 145.953	Y=0.435	Z=-0.444
86	X= 149.461	Y=0.362	Z=-0.444
87	X= 152.968	Y=0.278	Z=-0.444
88	X= 157.979	Y=0.135	Z=-0.444
89	X= 162.988	Y=-0.032	Z=-0.444
90	X= 167.997	Y=-0.225	Z=-0.444
91	X= 173.005	Y=-0.443	Z=-0.444
92	X= 178.011	Y=-0.685	Z=-0.444
93	X= 183.016	Y=-0.953	Z=-0.444
94	X= 188.020	Y=-1.246	Z=-0.444
95	X= 193.022	Y=-1.563	Z=-0.444
96	X= 198.023	Y=-1.906	Z=-0.444
97	X= 201.522	Y=-2.161	Z=-0.444
98	X= 206.520	Y=-2.546	Z=-0.444
99	X= 211.515	Y=-2.956	Z=-0.444
100	X= 216.509	Y=-3.391	Z=-0.444
101	X= 221.500	Y=-3.852	Z=-0.444
102	X= 226.489	Y=-4.337	Z=-0.444
103	X= 231.475	Y=-4.847	Z=-0.444
104	X= 236.459	Y=-5.382	Z=-0.444
105	X= 241.440	Y=-5.941	Z=-0.444
106	X= 246.418	Y=-6.526	Z=-0.444
107	X= 251.393	Y=-7.136	Z=-0.444
108	X= 252.885	Y=-7.324	Z=-0.444
109	X= 0.465	Y=-3.671	Z=-0.222
110	X= 4.958	Y=-3.111	Z=-0.222
111	X= 9.954	Y=-2.514	Z=-0.222
112	X= 14.952	Y=-1.941	Z=-0.222
113	X= 19.953	Y=-1.394	Z=-0.222
114	X= 24.956	Y=-0.871	Z=-0.222
115	X= 29.962	Y=-0.373	Z=-0.222
116	X= 34.971	Y=0.099	Z=-0.222
117	X= 39.982	Y=0.547	Z=-0.222
118	X= 44.995	Y=0.969	Z=-0.222
119	X= 48.505	Y=1.250	Z=-0.222
120	X= 53.522	Y=1.630	Z=-0.222
121	X= 58.540	Y=1.984	Z=-0.222
122	X= 63.560	Y=2.314	Z=-0.222
123	X= 68.582	Y=2.619	Z=-0.222
124	X= 73.605	Y=2.898	Z=-0.222
125	X= 78.629	Y=3.152	Z=-0.222
126	X= 83.655	Y=3.382	Z=-0.222
127	X= 88.682	Y=3.586	Z=-0.222
128	X= 93.709	Y=3.764	Z=-0.222
129	X= 97.229	Y=3.875	Z=-0.222
130	X= 100.749	Y=3.973	Z=-0.222
131	X= 105.779	Y=4.091	Z=-0.222
132	X= 110.809	Y=4.185	Z=-0.222
133	X= 115.839	Y=4.253	Z=-0.222
134	X= 120.870	Y=4.296	Z=-0.222
135	X= 125.901	Y=4.314	Z=-0.222
136	X= 130.932	Y=4.307	Z=-0.222
137	X= 135.962	Y=4.275	Z=-0.222
138	X= 140.993	Y=4.217	Z=-0.222
139	X= 146.023	Y=4.134	Z=-0.222
140	X= 149.544	Y=4.062	Z=-0.222
141	X= 153.064	Y=3.976	Z=-0.222
142	X= 158.093	Y=3.833	Z=-0.222
143	X= 163.121	Y=3.665	Z=-0.222

144	X= 168.148	Y=3.472	Z=-0.222
145	X= 173.174	Y=3.254	Z=-0.222
146	X= 178.199	Y=3.010	Z=-0.222
147	X= 183.223	Y=2.741	Z=-0.222
148	X= 188.245	Y=2.448	Z=-0.222
149	X= 193.266	Y=2.129	Z=-0.222
150	X= 198.285	Y=1.785	Z=-0.222
151	X= 201.797	Y=1.529	Z=-0.222
152	X= 206.813	Y=1.142	Z=-0.222
153	X= 211.827	Y=0.731	Z=-0.222
154	X= 216.839	Y=0.294	Z=-0.222
155	X= 221.849	Y=-0.168	Z=-0.222
156	X= 226.856	Y=-0.655	Z=-0.222
157	X= 231.861	Y=-1.167	Z=-0.222
158	X= 236.863	Y=-1.704	Z=-0.222
159	X= 241.862	Y=-2.266	Z=-0.222
160	X= 246.859	Y=-2.853	Z=-0.222
161	X= 251.852	Y=-3.464	Z=-0.222
162	X= 253.350	Y=-3.653	Z=-0.222
163	X= 0.000	Y=0.000	Z=-1.100
164	X= 44.694	Y=4.657	Z=-1.200
165	X= 97.120	Y=7.573	Z=-1.200
166	X= 149.627	Y=7.761	Z=-1.200
167	X= 202.073	Y=5.219	Z=-1.200
168	X= 253.814	Y=0.018	Z=-1.100
169	X= 0.930	Y=-7.341	Z=-1.544
170	X= 45.297	Y=-2.719	Z=-1.644
171	X= 97.339	Y=0.176	Z=-1.644
172	X= 149.461	Y=0.362	Z=-1.644
173	X= 201.522	Y=-2.161	Z=-1.644
174	X= 252.885	Y=-7.324	Z=-1.544

LOCAL

ADD= 163 ANG=0.104
ADD= 164 ANG=-4.865
ADD= 165 ANG=1.694
ADD= 166 ANG=8.253
ADD= 167 ANG=2.756
ADD= 168 ANG=-0.058
ADD= 169 ANG=4.459
ADD= 170 ANG=3.184
ADD= 171 ANG=1.694
ADD= 172 ANG=0.205
ADD= 173 ANG=-1.285
ADD= 174 ANG=-2.761

RESTRAINT

ADD= 163 DOF= U3,
ADD= 164 DOF= U3,
ADD= 165 DOF= U1, U3,
ADD= 166 DOF= U3,
ADD= 167 DOF= U3,
ADD= 168 DOF= U3,
ADD= 169 DOF= U2, U3,
ADD= 170 DOF= U2, U3,
ADD= 171 DOF= U1, U2, U3,
ADD= 172 DOF= U2, U3,
ADD= 173 DOF= U2, U3,
ADD= 174 DOF= U2, U3,

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Name=1
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E=2.1e+008
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Name=4
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Name= 1 Mat= 1 A=0.32772 I=0.24443271,
0.68946022 J=0.20646954
Name= 2 Mat= 2 A=0.33252 I=0.29290270,
0.69764733 J=0.23346075
Name= 3 Mat= 3 A=0.34932 I=0.35786756,
0.70862333 J=0.26177854
Name= 4 Mat= 4 A=0.35772 I=0.38531111,
0.70862333 J=0.26177854
Name= 5 Mat= 5 A=0.37452 I=0.39024231,
0.71959933 J=0.26542297
Name= 6 Mat= 6 A=0.39972 I=0.45269935,
0.74155133 J=0.28628510
Name= 7 Mat= 7 A=0.45412 I=0.54319188,
0.78737077 J=0.34362934
Name= 8 Mat= 8 A=0.42212 I=0.46057525,
0.75618600 J=0.28998133
Name= 9 Mat= 9 A=0.39132 I=0.39485285,
0.73057533 J=0.26843053
Name= 10 Mat= 10 A=0.34932 I=0.33813419,
0.70862333 J=0.25528331
Name= 11 Mat= 11 A=0.34372 I=0.33687455,
0.70496466 J=0.25405217
Name= 12 Mat= 12 A=0.33072 I=0.27412882,
0.69457716 J=0.22327168
Name= 13 Mat= 13 A=0.33381 I=0.24609641,
0.74564220 J=0.20646954
Name= 14 Mat= 14 A=0.33861 I=0.29490934,
0.75382931 J=0.23346075
Name= 15 Mat= 15 A=0.35541 I=0.36059923,
0.76480531 J=0.26177854
Name= 16 Mat= 16 A=0.36381 I=0.38840040,
0.76480531 J=0.26177854
Name= 17 Mat= 17 A=0.38061 I=0.39312457,
0.77578131 J=0.26542297
Name= 18 Mat= 18 A=0.40581 I=0.45616471,
0.79773331 J=0.28628510
Name= 19 Mat= 19 A=0.46021 I=0.54737055,
0.84355275 J=0.34362934
Name= 20 Mat= 20 A=0.42821 I=0.46375581,
0.81236797 J=0.28998133
Name= 21 Mat= 21 A=0.39741 I=0.39755002,
0.78675731 J=0.26843053
Name= 22 Mat= 22 A=0.35541 I=0.34056164,
0.76480531 J=0.25528331
Name= 23 Mat= 23 A=0.34981 I=0.33935974,
0.76114664 J=0.25405217
Name= 24 Mat= 24 A=0.33681 I=0.27600194,
0.75075914 J=0.22327168
Name= 25 Mat= 25 A=0.02100 I=0.00623270,
0.00004512 J=0.00000070
Name= 26 Mat= 26 A=0.01400 I=0.00141087,
0.00004507 J=0.00000047
Name= 27 Mat= 27 A=10.00000 I=10.00000000,
10.00000000 J=10.00000000
Name= 28 Type=Nonpr Sec= 1, 2
Eivar=2,1
Name= 29 Type=Nonpr Sec= 2, 3
Name= 30 Type=Nonpr Sec= 2, 12
Name= 31 Type=Nonpr Sec= 3, 2
Name= 32 Type=Nonpr Sec= 3, 4
Name= 33 Type=Nonpr Sec= 4, 3
Name= 34 Type=Nonpr Sec= 4, 5
Name= 35 Type=Nonpr Sec= 5, 4
Name= 36 Type=Nonpr Sec= 5, 6
Name= 37 Type=Nonpr Sec= 5, 9
Name= 38 Type=Nonpr Sec= 5, 10
Name= 39 Type=Nonpr Sec= 5, 11
Name= 40 Type=Nonpr Sec= 6, 5
Name= 41 Type=Nonpr Sec= 6, 7
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Name= 43 Type=Nonpr Sec= 7, 8
Name= 44 Type=Nonpr Sec= 8, 7
Name= 45 Type=Nonpr Sec= 8, 9
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Name= 47 Type=Nonpr Sec= 9, 8
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Name= 49 Type=Nonpr Sec= 11, 5

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Name= 52 Type=Nonpr Sec= 14, 15
Name= 53 Type=Nonpr Sec= 14, 24
Name= 54 Type=Nonpr Sec= 15, 14
Name= 55 Type=Nonpr Sec= 15, 16
Name= 56 Type=Nonpr Sec= 16, 15
Name= 57 Type=Nonpr Sec= 16, 17
Name= 58 Type=Nonpr Sec= 17, 16
Name= 59 Type=Nonpr Sec= 17, 18
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Name= 61 Type=Nonpr Sec= 17, 22
Name= 62 Type=Nonpr Sec= 17, 23
Name= 63 Type=Nonpr Sec= 18, 17
Name= 64 Type=Nonpr Sec= 18, 19
Name= 65 Type=Nonpr Sec= 19, 18
Name= 66 Type=Nonpr Sec= 19, 20
Name= 67 Type=Nonpr Sec= 20, 19
Name= 68 Type=Nonpr Sec= 20, 21
Name= 69 Type=Nonpr Sec= 21, 17
Name= 70 Type=Nonpr Sec= 21, 20
Name= 71 Type=Nonpr Sec= 22, 17
Name= 72 Type=Nonpr Sec= 23, 17
Name= 73 Type=Nonpr Sec= 24, 13

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1 J= 1, 2 Sec=28 Local=12 Pldir=+Z,+X
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2 J= 2, 3 Sec=29
3 J= 3, 4 Sec= 3
4 J= 4, 5 Sec= 3
5 J= 5, 6 Sec= 3
6 J= 6, 7 Sec=32
7 J= 7, 8 Sec=34
8 J= 8, 9 Sec=36
9 J= 9, 10 Sec=41
10 J= 10, 11 Sec=43
11 J= 11, 12 Sec=45
12 J= 12, 13 Sec=46
13 J= 13, 14 Sec=38
14 J= 14, 15 Sec=10
15 J= 15, 16 Sec=10
16 J= 16, 17 Sec=10
17 J= 17, 18 Sec=48
18 J= 18, 19 Sec=37
19 J= 19, 20 Sec=47
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21 J= 21, 22 Sec=43
22 J= 22, 23 Sec=45
23 J= 23, 24 Sec=46
24 J= 24, 25 Sec=39
25 J= 25, 26 Sec=11
26 J= 26, 27 Sec=11
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33 J= 33, 34 Sec=45
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36 J= 36, 37 Sec=11
37 J= 37, 38 Sec=11
38 J= 38, 39 Sec=11
39 J= 39, 40 Sec=49
40 J= 40, 41 Sec=37
41 J= 41, 42 Sec=47
42 J= 42, 43 Sec=44
43 J= 43, 44 Sec=42
44 J= 44, 45 Sec=40
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46 J= 46, 47 Sec=33
47 J= 47, 48 Sec= 3
48 J= 48, 49 Sec= 3
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50 J= 50, 51 Sec= 3
51 J= 51, 52 Sec=31
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72 J= 73, 74 Sec=70
73 J= 74, 75 Sec=67
74 J= 75, 76 Sec=66
75 J= 76, 77 Sec=68
76 J= 77, 78 Sec=69
77 J= 78, 79 Sec=62
78 J= 79, 80 Sec=23
79 J= 80, 81 Sec=23
80 J= 81, 82 Sec=23
81 J= 82, 83 Sec=72
82 J= 83, 84 Sec=60
83 J= 84, 85 Sec=70
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85 J= 86, 87 Sec=66
86 J= 87, 88 Sec=68
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88 J= 89, 90 Sec=62
89 J= 90, 91 Sec=23
90 J= 91, 92 Sec=23
91 J= 92, 93 Sec=23
92 J= 93, 94 Sec=72
93 J= 94, 95 Sec=60
94 J= 95, 96 Sec=70
95 J= 96, 97 Sec=67
96 J= 97, 98 Sec=65
97 J= 98, 99 Sec=63
98 J= 99, 100 Sec=58
99 J=100, 101 Sec=56
100 J=101, 102 Sec=15
101 J=102, 103 Sec=15
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103 J=104, 105 Sec=15
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105 J=106, 107 Sec=53
106 J=107, 108 Sec=73
107 J= 1, 109 Sec=25 IOFF=1.300 JOFF=0.000
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115 J= 5, 113 Sec=25 IOFF=1.300 JOFF=0.000
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117 J= 6, 114 Sec=25 IOFF=1.300 JOFF=0.000
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123 J= 9, 117 Sec=25 IOFF=1.300 JOFF=0.000
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129 J= 12, 120 Sec=25 IOFF=1.300 JOFF=0.000
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131 J= 13, 121 Sec=25 IOFF=1.300 JOFF=0.000
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133 J= 14, 122 Sec=25 IOFF=1.300 JOFF=0.000
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135 J= 15, 123 Sec=25 IOFF=1.300 JOFF=0.000
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137 J= 16, 124 Sec=25 IOFF=1.300 JOFF=0.000

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138 J=124, 70 Sec=25 IOFF=0.000 JOFF=1.300
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139 J= 17, 125 Sec=25 IOFF=1.300 JOFF=0.000
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145 J= 20, 128 Sec=25 IOFF=1.300 JOFF=0.000
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146 J=128, 74 Sec=25 IOFF=0.000 JOFF=1.300
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149 J= 22, 130 Sec=25 IOFF=1.300 JOFF=0.000
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153 J= 24, 132 Sec=25 IOFF=1.300 JOFF=0.000
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161 J= 28, 136 Sec=25 IOFF=1.300 JOFF=0.000
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162 J=136, 82 Sec=25 IOFF=0.000 JOFF=1.300
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163 J= 29, 137 Sec=25 IOFF=1.300 JOFF=0.000
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171 J= 33, 141 Sec=25 IOFF=1.300 JOFF=0.000
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173 J= 34, 142 Sec=25 IOFF=1.300 JOFF=0.000
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175 J= 35, 143 Sec=25 IOFF=1.300 JOFF=0.000
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179 J= 37, 145 Sec=25 IOFF=1.300 JOFF=0.000
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180 J=145, 91 Sec=25 IOFF=0.000 JOFF=1.300
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181 J= 38, 146 Sec=25 IOFF=1.300 JOFF=0.000
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182 J=146, 92 Sec=25 IOFF=0.000 JOFF=1.300
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183 J= 39, 147 Sec=25 IOFF=1.300 JOFF=0.000
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185 J= 40, 148 Sec=25 IOFF=1.300 JOFF=0.000
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186 J=148, 94 Sec=25 IOFF=0.000 JOFF=1.300
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187 J= 41, 149 Sec=25 IOFF=1.300 JOFF=0.000
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188 J=149, 95 Sec=25 IOFF=0.000 JOFF=1.300
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189 J= 42, 150 Sec=25 IOFF=1.300 JOFF=0.000
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195 J= 45, 153 Sec=25 IOFF=1.300 JOFF=0.000
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196 J=153, 99 Sec=25 IOFF=0.000 JOFF=1.300
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197 J= 46, 154 Sec=25 IOFF=1.300 JOFF=0.000
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212 J=161, 107 Sec=25 IOFF=0.000 JOFF=1.300
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213 J= 54, 162 Sec=25 IOFF=1.300 JOFF=0.000
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214 J=162, 108 Sec=25 IOFF=0.000 JOFF=1.300
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215 J=109, 110 Sec=26
216 J=110, 111 Sec=26
217 J=111, 112 Sec=26
218 J=112, 113 Sec=26
219 J=113, 114 Sec=26
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253 J=147, 148 Sec=26

254 J=148, 149 Sec=26
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262 J=156, 157 Sec=26
263 J=157, 158 Sec=26
264 J=158, 159 Sec=26
265 J=159, 160 Sec=26
266 J=160, 161 Sec=26
267 J=161, 162 Sec=26
268 J= 1, 163 Sec=27
269 J= 10, 164 Sec=27
270 J= 21, 165 Sec=27
271 J= 32, 166 Sec=27
272 J= 43, 167 Sec=27
273 J= 54, 168 Sec=27
274 J= 55, 169 Sec=27
275 J= 64, 170 Sec=27
276 J= 75, 171 Sec=27
277 J= 86, 172 Sec=27
278 J= 97, 173 Sec=27
279 J=108, 174 Sec=27

LOAD

Name=-A1 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=163 Uz=-0.010
Add=169 Uz=-0.010

Name=-P1 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=164 Uz=-0.010
Add=170 Uz=-0.010

Name=-P2 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=165 Uz=-0.010
Add=171 Uz=-0.010

Name=-P3 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=166 Uz=-0.010
Add=172 Uz=-0.010

Name=-P4 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=167 Uz=-0.010
Add=173 Uz=-0.010

Name=-P5 ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=168 Uz=-0.010
Add=174 Uz=-0.010

Name=-2N+1- ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=163 Uz=-0.010
Add=169 Uz=-0.010
Add=165 Uz=-0.010
Add=171 Uz=-0.010
Add=167 Uz=-0.010
Add=173 Uz=-0.010

Name=-2N+2- ; UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=164 Uz=-0.010
Add=170 Uz=-0.010
Add=166 Uz=-0.010
Add=172 Uz=-0.010
Add=168 Uz=-0.010
Add=174 Uz=-0.010

COMBO

Name=SETTLE Type=ENVE ;
LOAD=-A1 sf=1.000
LOAD=-P1 sf=1.000
LOAD=-P2 sf=1.000
LOAD=-P3 sf=1.000
LOAD=-P4 sf=1.000
LOAD=-P5 sf=1.000
LOAD=-2N+1- sf=1.000
LOAD=-2N+2- sf=1.000

OUTPUT

Elem=Joint Type=Disp,REAC Load=* Comb=*
Elem=Frame Type=Force Load=* Comb=*

■ 청도1교 부산방향(S6~S10)
상부 input

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

SYSTEM	LENGTH=M	FORCE=KN	
JOINT			
1	X= 0.000	Y=0.000	Z=0.000
2	X= 2.746	Y=0.353	Z=0.000
3	X= 7.695	Y=0.970	Z=0.000
4	X= 12.647	Y=1.562	Z=0.000
5	X= 17.602	Y=2.129	Z=0.000
6	X= 22.561	Y=2.672	Z=0.000
7	X= 27.521	Y=3.190	Z=0.000
8	X= 32.484	Y=3.683	Z=0.000
9	X= 37.450	Y=4.151	Z=0.000
10	X= 42.418	Y=4.594	Z=0.000
11	X= 47.388	Y=5.013	Z=0.000
12	X= 50.868	Y=5.291	Z=0.000
13	X= 54.349	Y=5.557	Z=0.000
14	X= 59.324	Y=5.916	Z=0.000
15	X= 64.301	Y=6.249	Z=0.000
16	X= 69.279	Y=6.559	Z=0.000
17	X= 74.258	Y=6.843	Z=0.000
18	X= 79.239	Y=7.102	Z=0.000
19	X= 84.221	Y=7.336	Z=0.000
20	X= 89.204	Y=7.466	Z=0.000
21	X= 94.189	Y=7.730	Z=0.000
22	X= 99.174	Y=7.890	Z=0.000
23	X= 102.664	Y=7.987	Z=0.000
24	X= 106.154	Y=8.071	Z=0.000
25	X= 111.141	Y=8.171	Z=0.000
26	X= 116.128	Y=8.246	Z=0.000
27	X= 121.115	Y=8.296	Z=0.000
28	X= 126.103	Y=8.321	Z=0.000
29	X= 131.090	Y=8.321	Z=0.000
30	X= 136.078	Y=8.296	Z=0.000
31	X= 141.065	Y=8.246	Z=0.000
32	X= 146.052	Y=8.171	Z=0.000
33	X= 151.039	Y=8.071	Z=0.000
34	X= 154.529	Y=7.987	Z=0.000
35	X= 158.019	Y=7.890	Z=0.000
36	X= 163.004	Y=7.730	Z=0.000
37	X= 167.989	Y=7.542	Z=0.000
38	X= 172.972	Y=7.336	Z=0.000
39	X= 177.954	Y=7.102	Z=0.000
40	X= 182.935	Y=6.843	Z=0.000
41	X= 187.914	Y=6.559	Z=0.000
42	X= 192.892	Y=6.249	Z=0.000
43	X= 197.869	Y=5.916	Z=0.000
44	X= 202.844	Y=5.557	Z=0.000
45	X= 206.325	Y=5.291	Z=0.000
46	X= 209.805	Y=5.013	Z=0.000
47	X= 214.775	Y=4.594	Z=0.000
48	X= 219.743	Y=4.151	Z=0.000
49	X= 224.709	Y=3.683	Z=0.000
50	X= 229.672	Y=3.190	Z=0.000
51	X= 234.632	Y=2.672	Z=0.000
52	X= 239.590	Y=2.129	Z=0.000
53	X= 244.546	Y=1.562	Z=0.000
54	X= 249.498	Y=0.970	Z=0.000
55	X= 254.444	Y=0.353	Z=0.000
56	X= 257.193	Y=0.000	Z=0.000
57	X= 0.766	Y=-5.894	Z=-0.357
58	X= 3.495	Y=-5.543	Z=-0.357
59	X= 8.415	Y=-4.930	Z=-0.357
60	X= 13.338	Y=-4.342	Z=-0.357
61	X= 18.264	Y=-3.778	Z=-0.357
62	X= 23.192	Y=-3.238	Z=-0.357
63	X= 28.123	Y=-2.724	Z=-0.357
64	X= 33.057	Y=-2.234	Z=-0.357
65	X= 37.993	Y=-1.768	Z=-0.357
66	X= 42.931	Y=-1.328	Z=-0.357
67	X= 47.872	Y=-0.916	Z=-0.357
68	X= 51.313	Y=-0.635	Z=-0.357
69	X= 54.792	Y=-0.371	Z=-0.357
70	X= 59.737	Y=-0.014	Z=-0.357
71	X= 64.684	Y=0.318	Z=-0.357
72	X= 69.632	Y=0.625	Z=-0.357
73	X= 74.582	Y=0.907	Z=-0.357
74	X= 79.533	Y=1.165	Z=-0.357
75	X= 84.486	Y=1.398	Z=-0.357
76	X= 89.439	Y=1.606	Z=-0.357
77	X= 94.394	Y=1.790	Z=-0.357
78	X= 99.349	Y=1.948	Z=-0.357
79	X= 102.818	Y=2.045	Z=-0.357
80	X= 106.288	Y=2.129	Z=-0.357
81	X= 111.245	Y=2.228	Z=-0.357
82	X= 116.202	Y=2.302	Z=-0.357
83	X= 121.160	Y=2.352	Z=-0.357
84	X= 126.118	Y=2.377	Z=-0.357
85	X= 131.075	Y=2.377	Z=-0.357
86	X= 136.033	Y=2.352	Z=-0.357
87	X= 140.991	Y=2.302	Z=-0.357
88	X= 145.948	Y=2.228	Z=-0.357
89	X= 150.905	Y=2.129	Z=-0.357
90	X= 154.375	Y=2.045	Z=-0.357
91	X= 157.844	Y=1.948	Z=-0.357
92	X= 162.799	Y=1.790	Z=-0.357
93	X= 167.754	Y=1.606	Z=-0.357
94	X= 172.707	Y=1.398	Z=-0.357
95	X= 177.660	Y=1.165	Z=-0.357
96	X= 182.611	Y=0.907	Z=-0.357
97	X= 187.561	Y=0.635	Z=-0.357
98	X= 192.509	Y=0.318	Z=-0.357
99	X= 197.456	Y=-0.014	Z=-0.357
100	X= 202.401	Y=-0.371	Z=-0.357
101	X= 205.862	Y=-0.635	Z=-0.357
102	X= 209.321	Y=-0.912	Z=-0.357
103	X= 214.282	Y=-1.328	Z=-0.357
104	X= 219.200	Y=-1.768	Z=-0.357
105	X= 224.136	Y=-2.234	Z=-0.357
106	X= 229.069	Y=-2.724	Z=-0.357
107	X= 234.001	Y=-3.238	Z=-0.357
108	X= 238.929	Y=-3.778	Z=-0.357
109	X= 243.855	Y=-4.342	Z=-0.357
110	X= 248.778	Y=-4.930	Z=-0.357
111	X= 253.698	Y=-5.543	Z=-0.357
112	X= 256.427	Y=-5.894	Z=-0.357
113	X= 1.533	Y=-11.789	Z=-0.713
114	X= 4.245	Y=-11.440	Z=-0.713
115	X= 9.136	Y=-10.830	Z=-0.713
116	X= 14.029	Y=-10.245	Z=-0.713
117	X= 18.925	Y=-9.685	Z=-0.713
118	X= 23.824	Y=-9.149	Z=-0.713
119	X= 28.726	Y=-8.637	Z=-0.713
120	X= 33.630	Y=-8.152	Z=-0.713
121	X= 38.536	Y=-7.687	Z=-0.713
122	X= 43.445	Y=-7.249	Z=-0.713
123	X= 48.356	Y=-6.836	Z=-0.713
124	X= 51.795	Y=-6.561	Z=-0.713
125	X= 55.234	Y=-6.298	Z=-0.713
126	X= 60.150	Y=-5.944	Z=-0.713
127	X= 65.067	Y=-5.614	Z=-0.713
128	X= 69.986	Y=-5.308	Z=-0.713
129	X= 74.906	Y=-5.028	Z=-0.713
130	X= 79.827	Y=-4.772	Z=-0.713
131	X= 84.750	Y=-4.540	Z=-0.713
132	X= 89.674	Y=-4.320	Z=-0.713
133	X= 94.599	Y=-4.151	Z=-0.713
134	X= 99.524	Y=-3.993	Z=-0.713
135	X= 102.973	Y=-3.897	Z=-0.713
136	X= 106.421	Y=-3.814	Z=-0.713
137	X= 111.349	Y=-3.715	Z=-0.713
138	X= 116.276	Y=-3.641	Z=-0.713

139	X= 121.204	Y=-3.592	Z=-0.713
140	X= 126.132	Y=-3.567	Z=-0.713
141	X= 131.061	Y=-3.567	Z=-0.713
142	X= 135.989	Y=-3.592	Z=-0.713
143	X= 140.917	Y=-3.641	Z=-0.713
144	X= 145.844	Y=-3.715	Z=-0.713
145	X= 150.772	Y=-3.814	Z=-0.713
146	X= 154.220	Y=-3.897	Z=-0.713
147	X= 157.669	Y=-3.993	Z=-0.713
148	X= 162.594	Y=-4.151	Z=-0.713
149	X= 167.519	Y=-4.333	Z=-0.713
150	X= 172.443	Y=-4.540	Z=-0.713
151	X= 177.366	Y=-4.772	Z=-0.713
152	X= 182.287	Y=-5.028	Z=-0.713
153	X= 187.207	Y=-5.308	Z=-0.713
154	X= 192.126	Y=-5.614	Z=-0.713
155	X= 197.043	Y=-5.944	Z=-0.713
156	X= 201.959	Y=-6.298	Z=-0.713
157	X= 205.398	Y=-6.561	Z=-0.713
158	X= 208.837	Y=-6.836	Z=-0.713
159	X= 213.748	Y=-7.249	Z=-0.713
160	X= 218.657	Y=-7.687	Z=-0.713
161	X= 223.563	Y=-8.150	Z=-0.713
162	X= 228.467	Y=-8.637	Z=-0.713
163	X= 233.369	Y=-9.149	Z=-0.713
164	X= 238.268	Y=-9.685	Z=-0.713
165	X= 243.164	Y=-10.245	Z=-0.713
166	X= 248.057	Y=-10.830	Z=-0.713
167	X= 252.948	Y=-11.440	Z=-0.713
168	X= 255.660	Y=-11.789	Z=-0.713
169	X= 0.383	Y=-2.947	Z=-0.178
170	X= 3.120	Y=-2.595	Z=-0.178
171	X= 8.055	Y=-1.980	Z=-0.178
172	X= 12.993	Y=-1.390	Z=-0.178
173	X= 17.933	Y=-0.824	Z=-0.178
174	X= 22.876	Y=-0.283	Z=-0.178
175	X= 27.822	Y=-0.233	Z=-0.178
176	X= 32.771	Y=-0.225	Z=-0.178
177	X= 37.722	Y=-0.191	Z=-0.178
178	X= 42.675	Y=-1.633	Z=-0.178
179	X= 47.630	Y=-2.051	Z=-0.178
180	X= 51.100	Y=-2.328	Z=-0.178
181	X= 54.571	Y=-2.593	Z=-0.178
182	X= 59.531	Y=-2.951	Z=-0.178
183	X= 64.492	Y=-3.284	Z=-0.178
184	X= 69.455	Y=-3.592	Z=-0.178
185	X= 74.420	Y=-3.875	Z=-0.178
186	X= 79.386	Y=-4.134	Z=-0.178
187	X= 84.353	Y=-4.367	Z=-0.178
188	X= 89.322	Y=-4.576	Z=-0.178
189	X= 94.291	Y=-4.760	Z=-0.178
190	X= 99.261	Y=-4.919	Z=-0.178
191	X= 102.741	Y=-5.016	Z=-0.178
192	X= 106.221	Y=-5.100	Z=-0.178
193	X= 111.193	Y=-5.199	Z=-0.178
194	X= 116.165	Y=-5.274	Z=-0.178
195	X= 121.137	Y=-5.324	Z=-0.178
196	X= 126.110	Y=-5.349	Z=-0.178
197	X= 131.083	Y=-5.349	Z=-0.178
198	X= 136.056	Y=-5.324	Z=-0.178
199	X= 141.028	Y=-5.274	Z=-0.178
200	X= 146.000	Y=-5.199	Z=-0.178
201	X= 150.972	Y=-5.100	Z=-0.178
202	X= 154.452	Y=-5.016	Z=-0.178
203	X= 157.932	Y=-4.919	Z=-0.178
204	X= 162.902	Y=-4.760	Z=-0.178
205	X= 167.871	Y=-4.576	Z=-0.178
206	X= 172.840	Y=-4.367	Z=-0.178
207	X= 177.807	Y=-4.134	Z=-0.178
208	X= 182.773	Y=-3.875	Z=-0.178
209	X= 187.738	Y=-3.592	Z=-0.178
210	X= 192.701	Y=-3.284	Z=-0.178
211	X= 197.662	Y=-2.951	Z=-0.178
212	X= 202.622	Y=-2.593	Z=-0.178
213	X= 206.093	Y=-2.328	Z=-0.178
214	X= 209.653	Y=-2.051	Z=-0.178
215	X= 214.518	Y=-1.633	Z=-0.178
216	X= 219.471	Y=-1.191	Z=-0.178
217	X= 224.422	Y=-0.725	Z=-0.178
218	X= 229.371	Y=-0.233	Z=-0.178
219	X= 234.317	Y=-0.283	Z=-0.178
220	X= 239.260	Y=-0.824	Z=-0.178
221	X= 244.200	Y=-1.390	Z=-0.178
222	X= 249.138	Y=-1.980	Z=-0.178
223	X= 254.072	Y=-2.595	Z=-0.178
224	X= 256.810	Y=-2.947	Z=-0.178
225	X= 1.149	Y=-8.842	Z=-0.535
226	X= 3.870	Y=-8.492	Z=-0.535
227	X= 8.775	Y=-7.880	Z=-0.535
228	X= 13.684	Y=-7.294	Z=-0.535
229	X= 18.595	Y=-6.731	Z=-0.535
230	X= 23.508	Y=-6.193	Z=-0.535
231	X= 28.425	Y=-5.680	Z=-0.535
232	X= 33.343	Y=-5.192	Z=-0.535
233	X= 38.265	Y=-4.728	Z=-0.535
234	X= 43.188	Y=-4.288	Z=-0.535
235	X= 48.114	Y=-3.874	Z=-0.535
236	X= 51.563	Y=-3.598	Z=-0.535
237	X= 55.013	Y=-3.335	Z=-0.535
238	X= 59.943	Y=-2.979	Z=-0.535
239	X= 64.875	Y=-2.648	Z=-0.535
240	X= 69.809	Y=-2.342	Z=-0.535
241	X= 74.744	Y=-2.060	Z=-0.535
242	X= 79.680	Y=-1.803	Z=-0.535
243	X= 84.618	Y=-1.571	Z=-0.535
244	X= 89.556	Y=-1.363	Z=-0.535
245	X= 94.496	Y=-1.181	Z=-0.535
246	X= 99.437	Y=-1.022	Z=-0.535
247	X= 102.895	Y=-0.926	Z=-0.535
248	X= 106.355	Y=-0.842	Z=-0.535
249	X= 111.297	Y=-0.744	Z=-0.535
250	X= 116.239	Y=-0.669	Z=-0.535
251	X= 121.182	Y=-0.620	Z=-0.535
252	X= 126.125	Y=-0.595	Z=-0.535
253	X= 131.068	Y=-0.595	Z=-0.535
254	X= 136.011	Y=-0.620	Z=-0.535
255	X= 140.954	Y=-0.669	Z=-0.535
256	X= 145.896	Y=-0.744	Z=-0.535
257	X= 150.839	Y=-0.842	Z=-0.535
258	X= 155.781	Y=-0.960	Z=-0.535
259	X= 157.756	Y=-1.022	Z=-0.535
260	X= 162.697	Y=-1.181	Z=-0.535
261	X= 167.638	Y=-1.363	Z=-0.535
262	X= 172.575	Y=-1.571	Z=-0.535
263	X= 177.511	Y=-1.797	Z=-0.535
264	X= 182.448	Y=-2.060	Z=-0.535
265	X= 187.384	Y=-2.342	Z=-0.535
266	X= 192.318	Y=-2.648	Z=-0.535
267	X= 197.250	Y=-2.979	Z=-0.535
268	X= 202.180	Y=-3.335	Z=-0.535
269	X= 205.630	Y=-3.598	Z=-0.535
270	X= 209.079	Y=-3.874	Z=-0.535
271	X= 214.005	Y=-4.288	Z=-0.535
272	X= 218.928	Y=-4.728	Z=-0.535
273	X= 223.849	Y=-5.192	Z=-0.535
274	X= 228.768	Y=-5.680	Z=-0.535
275	X= 233.686	Y=-6.233	Z=-0.535
276	X= 238.603	Y=-6.797	Z=-0.535
277	X= 243.509	Y=-7.394	Z=-0.535
278	X= 248.417	Y=-7.880	Z=-0.535
279	X= 253.323	Y=-8.492	Z=-0.535
280	X= 256.044	Y=-8.842	Z=-0.535
281	X= 0.000	Y=-5.291	Z=-1.200
282	X= 0.868	Y=-5.291	Z=-1.200
283	X= 102.664	Y=-7.987	Z=-1.200
284	X= 154.629	Y=-7.987	Z=-1.200
285	X= 206.325	Y=-5.291	Z=-1.200
286	X= 257.193	Y=-5.000	Z=-1.200
287	X= 0.765	Y=-5.000	Z=-1.457
288	X= 0.831	Y=-5.635	Z=-1.457
289	X= 102.818	Y=-0.245	Z=-1.557

177	J=174,	62	Sec=	9	IOFF=0.000	253	J=212,	100	Sec=	9	IOFF=0.000	328	J= 82,	250	Sec=	9	IOFF=1.300	417	J=196,	197	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					418	J=197,	198	Sec=	10
178	J=175,	175	Sec=	9	IOFF=1.300	254	J=415,	213	Sec=	9	IOFF=1.300	329	J=250,	138	Sec=	9	IOFF=0.000	419	J=198,	199	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					420	J=199,	200	Sec=	10
179	J=175,	63	Sec=	9	IOFF=0.000	255	J=213,	101	Sec=	9	IOFF=0.000	330	J= 83,	251	Sec=	9	IOFF=1.300	421	J=200,	201	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					422	J=201,	202	Sec=	10
180	J= 8,	176	Sec=	9	IOFF=1.300	256	J= 46,	214	Sec=	9	IOFF=1.300	331	J=251,	139	Sec=	9	IOFF=0.000	423	J=202,	203	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					424	J=203,	204	Sec=	10
181	J=176,	64	Sec=	9	IOFF=0.000	257	J=214,	102	Sec=	9	IOFF=0.000	332	J= 84,	252	Sec=	9	IOFF=1.300	425	J=204,	205	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					426	J=205,	206	Sec=	10
182	J= 9,	177	Sec=	9	IOFF=1.300	258	J= 47,	215	Sec=	9	IOFF=1.300	333	J=252,	140	Sec=	9	IOFF=0.000	427	J=206,	207	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					428	J=207,	208	Sec=	10
183	J=177,	65	Sec=	9	IOFF=0.000	259	J=215,	103	Sec=	9	IOFF=0.000	334	J= 85,	253	Sec=	9	IOFF=1.300	429	J=208,	209	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					430	J=209,	210	Sec=	10
184	J= 10,	178	Sec=	9	IOFF=1.300	260	J= 48,	216	Sec=	9	IOFF=1.300	335	J=253,	141	Sec=	9	IOFF=0.000	431	J=210,	211	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					432	J=211,	212	Sec=	10
185	J=178,	66	Sec=	9	IOFF=0.000	261	J=216,	104	Sec=	9	IOFF=0.000	336	J= 86,	254	Sec=	9	IOFF=1.300	433	J=212,	213	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					434	J=213,	214	Sec=	10
186	J= 11,	179	Sec=	9	IOFF=1.300	262	J= 49,	217	Sec=	9	IOFF=1.300	337	J=254,	142	Sec=	9	IOFF=0.000	435	J=214,	215	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					436	J=215,	216	Sec=	10
187	J=179,	67	Sec=	9	IOFF=0.000	263	J=217,	105	Sec=	9	IOFF=0.000	338	J= 97,	255	Sec=	9	IOFF=1.300	437	J=216,	217	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					438	J=217,	218	Sec=	10
188	J= 12,	180	Sec=	9	IOFF=1.300	264	J= 50,	218	Sec=	9	IOFF=1.300	339	J=255,	143	Sec=	9	IOFF=0.000	439	J=218,	219	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					440	J=219,	220	Sec=	10
189	J=180,	68	Sec=	9	IOFF=0.000	265	J=218,	106	Sec=	9	IOFF=0.000	340	J= 88,	256	Sec=	9	IOFF=1.300	441	J=220,	221	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					442	J=221,	222	Sec=	10
190	J= 13,	181	Sec=	9	IOFF=1.300	266	J= 51,	219	Sec=	9	IOFF=1.300	341	J=256,	144	Sec=	9	IOFF=0.000	443	J=222,	223	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					444	J=223,	224	Sec=	10
191	J=181,	69	Sec=	9	IOFF=0.000	267	J=219,	107	Sec=	9	IOFF=0.000	342	J= 89,	257	Sec=	9	IOFF=1.300	445	J=225,	226	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					446	J=226,	227	Sec=	10
192	J= 14,	182	Sec=	9	IOFF=1.300	268	J= 52,	220	Sec=	9	IOFF=1.300	343	J=257,	145	Sec=	9	IOFF=0.000	447	J=227,	228	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					448	J=228,	229	Sec=	10
193	J=182,	70	Sec=	9	IOFF=0.000	269	J=220,	108	Sec=	9	IOFF=0.000	344	J= 90,	258	Sec=	9	IOFF=1.300	449	J=229,	230	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					450	J=230,	231	Sec=	10
194	J= 15,	183	Sec=	9	IOFF=1.300	270	J= 53,	221	Sec=	9	IOFF=1.300	345	J=258,	146	Sec=	9	IOFF=0.000	451	J=231,	232	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					452	J=232,	233	Sec=	10
195	J=183,	71	Sec=	9	IOFF=0.000	271	J=221,	109	Sec=	9	IOFF=0.000	346	J= 91,	259	Sec=	9	IOFF=1.300	453	J=233,	234	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					454	J=234,	235	Sec=	10
196	J= 16,	184	Sec=	9	IOFF=1.300	272	J= 54,	222	Sec=	9	IOFF=1.300	347	J=259,	147	Sec=	9	IOFF=0.000	455	J=235,	236	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					456	J=236,	237	Sec=	10
197	J=184,	72	Sec=	9	IOFF=0.000	273	J=222,	110	Sec=	9	IOFF=0.000	348	J= 92,	260	Sec=	9	IOFF=1.300	457	J=237,	238	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					458	J=238,	239	Sec=	10
198	J= 17,	185	Sec=	9	IOFF=1.300	274	J= 55,	223	Sec=	9	IOFF=1.300	349	J=260,	148	Sec=	9	IOFF=0.000	459	J=239,	240	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					460	J=240,	241	Sec=	10
199	J=185,	73	Sec=	9	IOFF=0.000	275	J=223,	111	Sec=	9	IOFF=0.000	350	J= 93,	261	Sec=	9	IOFF=1.300	461	J=241,	242	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					462	J=242,	243	Sec=	10
200	J= 18,	186	Sec=	9	IOFF=1.300	276	J= 56,	224	Sec=	9	IOFF=1.300	351	J=261,	149	Sec=	9	IOFF=0.000	463	J=243,	244	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					464	J=244,	245	Sec=	10
201	J=186,	74	Sec=	9	IOFF=0.000	277	J=224,	112	Sec=	9	IOFF=0.000	352	J= 94,	262	Sec=	9	IOFF=1.300	465	J=245,	246	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					466	J=246,	247	Sec=	10
202	J=187,	75	Sec=	9	IOFF=1.300	278	J= 57,	225	Sec=	9	IOFF=1.300	353	J=262,	150	Sec=	9	IOFF=0.000	467	J=247,	248	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					468	J=248,	249	Sec=	10
203	J=187,	75	Sec=	9	IOFF=0.000	279	J=225,	113	Sec=	9	IOFF=0.000	354	J= 95,	263	Sec=	9	IOFF=1.300	469	J=249,	250	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					470	J=250,	251	Sec=	10
204	J= 20,	188	Sec=	9	IOFF=1.300	280	J= 58,	226	Sec=	9	IOFF=1.300	355	J=263,	151	Sec=	9	IOFF=0.000	471	J=251,	252	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					472	J=252,	253	Sec=	10
205	J=189,	76	Sec=	9	IOFF=0.000	281	J=226,	114	Sec=	9	IOFF=0.000	356	J= 96,	264	Sec=	9	IOFF=1.300	473	J=253,	254	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					474	J=254,	255	Sec=	10
206	J= 21,	189	Sec=	9	IOFF=1.300	282	J= 59,	227	Sec=	9	IOFF=1.300	357	J=264,	152	Sec=	9	IOFF=0.000	475	J=255,	256	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					476	J=256,	257	Sec=	10
207	J=189,	77	Sec=	9	IOFF=0.000	283	J=227,	115	Sec=	9	IOFF=0.000	358	J= 97,	265	Sec=	9	IOFF=1.300	477	J=257,	258	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					478	J=258,	259	Sec=	10
208	J= 20,	190	Sec=	9	IOFF=1.300	284	J= 60,	228	Sec=	9	IOFF=1.300	359	J=265,	153	Sec=	9	IOFF=0.000	479	J=259,	260	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					480	J=260,	261	Sec=	10
209	J=190,	78	Sec=	9	IOFF=0.000	285	J=228,	116	Sec=	9	IOFF=0.000	360	J= 98,	266	Sec=	9	IOFF=1.300	481	J=261,	262	Sec=	10
JOFF=1.300	RIGID=1.0					JOFF=0.000	RIGID=1.0					JOFF=0.000	RIGID=1.0					482	J=262,	263	Sec=	10
210	J= 23,	191	Sec=	9	IOFF=1.300	286	J= 61,	229	Sec=	9	IOFF=1.300	361	J=266,	154	Sec=	9	IOFF=0.000	483	J=263,	264	Sec=	10
JOFF=0.000	RIGID=1.0					JOFF=1.300	RIGID=1.0					JOFF=1.300	RIGID=1.0					484	J=264,	265	Sec=	10
211	J=191,	79	Sec=	9	IOFF=0.000	287	J=229,	117	Sec=	9	IOFF=0.000											

-21.977	Add= 24	RD=0.000, 1.000	Uzp=-24.684,	-28.121	Add=100	RD=0.000, 1.000	Uzp=-28.121,	-2.256	Add=175	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=251	RD=0.000, 1.000	Uzp=-2.256,
-20.173	Add= 25	RD=0.000, 1.000	Uzp=-21.977,	-24.684	Add=101	RD=0.000, 1.000	Uzp=-24.684,	-2.256	Add=176	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=252	RD=0.000, 1.000	Uzp=-2.256,
-16.864	Add= 26	RD=0.000, 1.000	Uzp=-20.173,	-21.977	Add=102	RD=0.000, 1.000	Uzp=-21.977,	-2.256	Add=177	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=253	RD=0.000, 1.000	Uzp=-2.256,
-16.864	Add= 27	RD=0.000, 1.000	Uzp=-16.864,	-20.173	Add=103	RD=0.000, 1.000	Uzp=-20.173,	-2.256	Add=178	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=254	RD=0.000, 1.000	Uzp=-2.256,
-16.864	Add= 28	RD=0.000, 1.000	Uzp=-16.864,	-17.466	Add=104	RD=0.000, 1.000	Uzp=-17.466,	-2.256	Add=179	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=255	RD=0.000, 1.000	Uzp=-2.256,
-16.864	Add= 29	RD=0.000, 1.000	Uzp=-16.864,	-17.466	Add=105	RD=0.000, 1.000	Uzp=-17.466,	-2.256	Add=180	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=256	RD=0.000, 1.000	Uzp=-2.256,
-16.864	Add= 30	RD=0.000, 1.000	Uzp=-16.864,	-17.466	Add=106	RD=0.000, 1.000	Uzp=-17.466,	-2.256	Add=181	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=257	RD=0.000, 1.000	Uzp=-2.256,
-20.173	Add= 31	RD=0.000, 1.000	Uzp=-20.173,	-17.466	Add=107	RD=0.000, 1.000	Uzp=-17.466,	-2.256	Add=182	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=258	RD=0.000, 1.000	Uzp=-2.256,
-21.977	Add= 32	RD=0.000, 1.000	Uzp=-21.977,	-17.466	Add=108	RD=0.000, 1.000	Uzp=-17.466,	-2.256	Add=183	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=259	RD=0.000, 1.000	Uzp=-2.256,
-24.684	Add= 33	RD=0.000, 1.000	Uzp=-24.684,	-15.661	Add=109	RD=0.000, 1.000	Uzp=-15.661,	-2.256	Add=184	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=260	RD=0.000, 1.000	Uzp=-2.256,
-28.121	Add= 34	RD=0.000, 1.000	Uzp=-28.121,	-15.661	Add=110	RD=0.000, 1.000	Uzp=-15.661,	-2.256	Add=185	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=261	RD=0.000, 1.000	Uzp=-2.256,
-24.684	Add= 35	RD=0.000, 1.000	Uzp=-24.684,	-15.146	Add=111	RD=0.000, 1.000	Uzp=-15.146,	-2.256	Add=186	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=262	RD=0.000, 1.000	Uzp=-2.256,
-21.977	Add= 36	RD=0.000, 1.000	Uzp=-21.977,	-15.661	Add=112	RD=0.000, 1.000	Uzp=-15.661,	-2.256	Add=187	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=263	RD=0.000, 1.000	Uzp=-2.256,
-20.173	Add= 37	RD=0.000, 1.000	Uzp=-20.173,	-15.661	Add=113	RD=0.000, 1.000	Uzp=-15.661,	-2.256	Add=188	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=264	RD=0.000, 1.000	Uzp=-2.256,
-16.864	Add= 38	RD=0.000, 1.000	Uzp=-16.864,	-17.466	Add=114	RD=0.000, 1.000	Uzp=-17.466,	-2.256	Add=189	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=265	RD=0.000, 1.000	Uzp=-2.256,
-16.864	Add= 39	RD=0.000, 1.000	Uzp=-16.864,	-17.466	Add=115	RD=0.000, 1.000	Uzp=-17.466,	-2.256	Add=190	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=266	RD=0.000, 1.000	Uzp=-2.256,
-16.864	Add= 40	RD=0.000, 1.000	Uzp=-16.864,	-17.466	Add=116	RD=0.000, 1.000	Uzp=-17.466,	-2.256	Add=191	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=267	RD=0.000, 1.000	Uzp=-2.256,
-16.864	Add= 41	RD=0.000, 1.000	Uzp=-16.864,	-17.466	Add=117	RD=0.000, 1.000	Uzp=-17.466,	-2.256	Add=192	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=268	RD=0.000, 1.000	Uzp=-2.256,
-20.173	Add= 42	RD=0.000, 1.000	Uzp=-20.173,	-17.466	Add=118	RD=0.000, 1.000	Uzp=-17.466,	-2.256	Add=193	RD=0.000, 1.000	Uzp=-2.256,	-2.256	Add=269	RD=0.000, 1.000	Uzp=-2.256,
-21.977	Add= 43	RD=0.000, 1.000	Uzp=-21.977,	-20.173											

[illegible]

-43.811	R1=-5.318, -5.318	Add=227	RD=0.000, 1.000	Uzp=-8.791, -8.791	< AFTER COMPOSITE SELF-WEIGHT LOAD >	146	X=154.220	Y=-3.897	Z=-0.713
-43.811	Add=128 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=228	RD=0.000, 1.000	Uzp=-8.791, -8.791	147	X=157.669	Y=-3.993	Z=-0.713
-43.811	R1=-5.318, -5.318	Add=129	RD=0.000, 1.000	Uzp=-43.811, -8.791	SYSTEM	148	X=162.594	Y=-4.151	Z=-0.713
-43.811	Add=130 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=229	RD=0.000, 1.000	LENGTH-M	149	X=167.519	Y=-4.333	Z=-0.713
-43.811	R1=-5.318, -5.318	Add=131	RD=0.000, 1.000	Uzp=-43.811, -8.791	FORCE-KN	150	X=172.443	Y=-4.540	Z=-0.713
-43.811	Add=132 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=230	RD=0.000, 1.000	Uzp=-8.791, -8.791	151	X=177.368	Y=-4.770	Z=-0.713
-43.811	R1=-5.318, -5.318	Add=133	RD=0.000, 1.000	Uzp=-43.811, -8.791	JOINT	152	X=182.287	Y=-5.026	Z=-0.713
-43.811	Add=134 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=231	RD=0.000, 1.000	Uzp=-8.791, -8.791	153	X=187.207	Y=-5.308	Z=-0.713
-43.811	R1=-5.318, -5.318	Add=135	RD=0.000, 1.000	Uzp=-43.811, -8.791	1	X=0.000	Y=0.000	Z=0.000	
-43.811	Add=136 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=232	RD=0.000, 1.000	Uzp=-8.791, -8.791	2	X=2.746	Y=0.353	Z=0.000
-43.811	R1=-5.318, -5.318	Add=137	RD=0.000, 1.000	Uzp=-43.811, -8.791	3	X=7.695	Y=0.970	Z=0.000	
-43.811	Add=138 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=233	RD=0.000, 1.000	Uzp=-8.791, -8.791	4	X=12.647	Y=1.562	Z=0.000
-43.811	R1=-5.318, -5.318	Add=139	RD=0.000, 1.000	Uzp=-43.811, -8.791	5	X=17.602	Y=2.129	Z=0.000	
-43.811	Add=133 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=234	RD=0.000, 1.000	Uzp=-8.791, -8.791	6	X=22.561	Y=2.677	Z=0.000
-43.811	R1=-5.318, -5.318	Add=134 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=235	RD=0.000, 1.000	7	X=27.521	Y=3.206	Z=0.000
-43.811	Add=134 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=236	RD=0.000, 1.000	Uzp=-8.791, -8.791	8	X=32.484	Y=3.683	Z=0.000
-43.811	R1=-5.318, -5.318	Add=135	RD=0.000, 1.000	Uzp=-43.811, -8.791	9	X=37.450	Y=4.151	Z=0.000	
-43.811	Add=135 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=237	RD=0.000, 1.000	Uzp=-8.791, -8.791	10	X=42.418	Y=4.594	Z=0.000
-43.811	R1=-5.318, -5.318	Add=136	RD=0.000, 1.000	Uzp=-43.811, -8.791	11	X=47.388	Y=5.013	Z=0.000	
-43.811	Add=136 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=238	RD=0.000, 1.000	Uzp=-8.791, -8.791	12	X=52.368	Y=5.397	Z=0.000
-43.811	R1=-5.318, -5.318	Add=137	RD=0.000, 1.000	Uzp=-43.811, -8.791	13	X=57.347	Y=5.751	Z=0.000	
-43.811	Add=137 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=239	RD=0.000, 1.000	Uzp=-8.791, -8.791	14	X=62.324	Y=6.086	Z=0.000
-43.811	R1=-5.318, -5.318	Add=138	RD=0.000, 1.000	Uzp=-43.811, -8.791	15	X=67.303	Y=6.406	Z=0.000	
-43.811	Add=138 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=240	RD=0.000, 1.000	Uzp=-8.791, -8.791	16	X=72.282	Y=6.711	Z=0.000
-43.811	R1=-5.318, -5.318	Add=139	RD=0.000, 1.000	Uzp=-43.811, -8.791	17	X=77.261	Y=7.000	Z=0.000	
-43.811	Add=139 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=241	RD=0.000, 1.000	Uzp=-8.791, -8.791	18	X=82.240	Y=7.273	Z=0.000
-43.811	R1=-5.318, -5.318	Add=140	RD=0.000, 1.000	Uzp=-43.811, -8.791	19	X=87.219	Y=7.536	Z=0.000	
-43.811	Add=140 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=242	RD=0.000, 1.000	Uzp=-8.791, -8.791	20	X=92.198	Y=7.790	Z=0.000
-43.811	R1=-5.318, -5.318	Add=141	RD=0.000, 1.000	Uzp=-43.811, -8.791	21	X=97.177	Y=8.034	Z=0.000	
-43.811	Add=141 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=243	RD=0.000, 1.000	Uzp=-8.791, -8.791	22	X=102.156	Y=8.278	Z=0.000
-43.811	R1=-5.318, -5.318	Add=142	RD=0.000, 1.000	Uzp=-43.811, -8.791	23	X=107.135	Y=8.521	Z=0.000	
-43.811	Add=142 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=244	RD=0.000, 1.000	Uzp=-8.791, -8.791	24	X=112.114	Y=8.764	Z=0.000
-43.811	R1=-5.318, -5.318	Add=143	RD=0.000, 1.000	Uzp=-43.811, -8.791	25	X=117.093	Y=9.007	Z=0.000	
-43.811	Add=143 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=245	RD=0.000, 1.000	Uzp=-8.791, -8.791	26	X=122.072	Y=9.250	Z=0.000
-43.811	R1=-5.318, -5.318	Add=144	RD=0.000, 1.000	Uzp=-43.811, -8.791	27	X=127.051	Y=9.493	Z=0.000	
-43.811	Add=144 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=246	RD=0.000, 1.000	Uzp=-8.791, -8.791	28	X=132.030	Y=9.736	Z=0.000
-43.811	R1=-5.318, -5.318	Add=145	RD=0.000, 1.000	Uzp=-43.811, -8.791	29	X=137.009	Y=9.979	Z=0.000	
-43.811	Add=145 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=247	RD=0.000, 1.000	Uzp=-8.791, -8.791	30	X=141.988	Y=10.222	Z=0.000
-43.811	R1=-5.318, -5.318	Add=146	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	31	X=146.967	Y=10.465	Z=0.000
-43.811	Add=146 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=248	RD=0.000, 1.000	Uzp=-8.599	32	X=151.946	Y=10.708	Z=0.000
-43.811	R1=-5.318, -5.318	Add=147	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	33	X=156.925	Y=10.951	Z=0.000
-43.811	Add=147 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=249	RD=0.000, 1.000	Uzp=-8.599	34	X=161.904	Y=11.194	Z=0.000
-43.811	R1=-5.318, -5.318	Add=148	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	35	X=166.883	Y=11.437	Z=0.000
-43.811	Add=148 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=250	RD=0.000, 1.000	Uzp=-8.599	36	X=171.862	Y=11.680	Z=0.000
-43.811	R1=-5.318, -5.318	Add=149	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	37	X=176.841	Y=11.923	Z=0.000
-43.811	Add=149 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=251	RD=0.000, 1.000	Uzp=-8.599	38	X=181.820	Y=12.166	Z=0.000
-43.811	R1=-5.318, -5.318	Add=150	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	39	X=186.799	Y=12.409	Z=0.000
-43.811	Add=150 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=252	RD=0.000, 1.000	Uzp=-8.599	40	X=191.778	Y=12.652	Z=0.000
-43.811	R1=-5.318, -5.318	Add=151	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	41	X=196.757	Y=12.895	Z=0.000
-43.811	Add=151 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=253	RD=0.000, 1.000	Uzp=-8.599	42	X=201.736	Y=13.138	Z=0.000
-43.811	R1=-5.318, -5.318	Add=152	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	43	X=206.715	Y=13.381	Z=0.000
-43.811	Add=152 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=254	RD=0.000, 1.000	Uzp=-8.599	44	X=211.694	Y=13.624	Z=0.000
-43.811	R1=-5.318, -5.318	Add=153	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	45	X=216.673	Y=13.867	Z=0.000
-43.811	Add=153 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=255	RD=0.000, 1.000	Uzp=-8.599	46	X=221.652	Y=14.110	Z=0.000
-43.811	R1=-5.318, -5.318	Add=154	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	47	X=226.631	Y=14.353	Z=0.000
-43.811	Add=154 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=256	RD=0.000, 1.000	Uzp=-8.599	48	X=231.610	Y=14.596	Z=0.000
-43.811	R1=-5.318, -5.318	Add=155	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	49	X=236.589	Y=14.839	Z=0.000
-43.811	Add=155 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=257	RD=0.000, 1.000	Uzp=-8.599	50	X=241.568	Y=15.082	Z=0.000
-43.811	R1=-5.318, -5.318	Add=156	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	51	X=246.547	Y=15.325	Z=0.000
-43.811	Add=156 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=258	RD=0.000, 1.000	Uzp=-8.599	52	X=251.526	Y=15.568	Z=0.000
-43.811	R1=-5.318, -5.318	Add=157	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	53	X=256.505	Y=15.811	Z=0.000
-43.811	Add=157 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=259	RD=0.000, 1.000	Uzp=-8.599	54	X=261.484	Y=16.054	Z=0.000
-43.811	R1=-5.318, -5.318	Add=158	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	55	X=266.463	Y=16.297	Z=0.000
-43.811	Add=158 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=260	RD=0.000, 1.000	Uzp=-8.599	56	X=271.442	Y=16.540	Z=0.000
-43.811	R1=-5.318, -5.318	Add=159	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	57	X=276.421	Y=16.783	Z=0.000
-43.811	Add=159 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=261	RD=0.000, 1.000	Uzp=-8.599	58	X=281.400	Y=17.026	Z=0.000
-43.811	R1=-5.318, -5.318	Add=160	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	59	X=286.379	Y=17.269	Z=0.000
-43.811	Add=160 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=262	RD=0.000, 1.000	Uzp=-8.599	60	X=291.358	Y=17.512	Z=0.000
-43.811	R1=-5.318, -5.318	Add=161	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	61	X=296.337	Y=17.755	Z=0.000
-43.811	Add=161 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=263	RD=0.000, 1.000	Uzp=-8.599	62	X=301.316	Y=17.998	Z=0.000
-43.811	R1=-5.318, -5.318	Add=162	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	63	X=306.295	Y=18.241	Z=0.000
-43.811	Add=162 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=264	RD=0.000, 1.000	Uzp=-8.599	64	X=311.274	Y=18.484	Z=0.000
-43.811	R1=-5.318, -5.318	Add=163	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	65	X=316.253	Y=18.727	Z=0.000
-43.811	Add=163 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=265	RD=0.000, 1.000	Uzp=-8.599	66	X=321.232	Y=18.970	Z=0.000
-43.811	R1=-5.318, -5.318	Add=164	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	67	X=326.211	Y=19.213	Z=0.000
-43.811	Add=164 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=266	RD=0.000, 1.000	Uzp=-8.599	68	X=331.190	Y=19.456	Z=0.000
-43.811	R1=-5.318, -5.318	Add=165	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	69	X=336.169	Y=19.699	Z=0.000
-43.811	Add=165 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=267	RD=0.000, 1.000	Uzp=-8.599	70	X=341.148	Y=19.942	Z=0.000
-43.811	R1=-5.318, -5.318	Add=166	RD=0.000, 1.000	Uzp=-43.811, -8.791	-8.599	71	X=346.127	Y=20.185	Z=0.000
-43.811	Add=166 RD=0.000, 1.000	Uzp=-43.811, -8.791	Add=268	RD=0.000, 1.000	Uzp=-8.599	72	X=351.106	Y=20.428	Z=0.000
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JOFF=1.300 RIGID=1.0
308 J= 72, 240 Sec=17
JOFF=0.000 RIGID=1.0

300	J=240, 128	Sec=17	IOFF=0.000	384	J=110, 278	Sec=17	IOFF=1.300	14390	R1=-12.363, -12.363	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
309	RI=0.000			385	J=278, 166	Sec=17	IOFF=0.000	14390	Add= 5 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
310	J=73, 241	Sec=17	IOFF=1.300	386	J=111, 279	Sec=17	IOFF=1.300	14390	Add= 5 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
311	J=241, 129	Sec=17	IOFF=0.000	387	J=279, 167	Sec=17	IOFF=0.000	14390	Add= 7 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
312	J=74, 242	Sec=17	IOFF=1.300	388	J=112, 280	Sec=17	IOFF=1.300	14390	Add= 8 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
313	J=242, 130	Sec=17	IOFF=0.000	389	J=280, 168	Sec=17	IOFF=0.000	14390	Add= 9 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
314	J=75, 243	Sec=17	IOFF=1.300	390	J=113, 281	Sec=18		14390	Add= 10 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
315	J=243, 131	Sec=17	IOFF=0.000	391	J=170, 171	Sec=18		14390	Add= 11 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
316	J=76, 244	Sec=17	IOFF=1.300	392	J=171, 172	Sec=18		14390	Add= 12 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
317	J=244, 132	Sec=17	IOFF=0.000	393	J=172, 173	Sec=18		14390	Add= 13 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
318	J=77, 245	Sec=17	IOFF=1.300	394	J=173, 174	Sec=18		14390	Add= 14 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
319	J=245, 133	Sec=17	IOFF=0.000	395	J=174, 175	Sec=18		14390	Add= 15 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
320	J=78, 246	Sec=17	IOFF=1.300	396	J=175, 176	Sec=18		14390	Add= 16 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
321	J=246, 134	Sec=17	IOFF=0.000	397	J=176, 177	Sec=18		14390	Add= 17 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
322	J=79, 247	Sec=17	IOFF=1.300	398	J=177, 178	Sec=18		14390	Add= 18 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
323	J=247, 135	Sec=17	IOFF=0.000	399	J=178, 179	Sec=18		14390	Add= 19 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
324	J=80, 248	Sec=17	IOFF=1.300	400	J=179, 180	Sec=18		14390	Add= 20 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
325	J=248, 136	Sec=17	IOFF=0.000	401	J=180, 181	Sec=18		14390	Add= 21 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
326	J=81, 249	Sec=17	IOFF=1.300	402	J=181, 182	Sec=18		14390	Add= 22 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
327	J=249, 137	Sec=17	IOFF=0.000	403	J=182, 183	Sec=18		14390	Add= 23 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
328	J=82, 250	Sec=17	IOFF=1.300	404	J=183, 184	Sec=18		14390	Add= 24 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
329	J=250, 138	Sec=17	IOFF=0.000	405	J=184, 185	Sec=18		14390	Add= 25 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
330	J=83, 251	Sec=17	IOFF=1.300	406	J=185, 186	Sec=18		14390	Add= 26 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
331	J=251, 139	Sec=17	IOFF=0.000	407	J=186, 187	Sec=18		14390	Add= 27 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
332	J=84, 252	Sec=17	IOFF=1.300	408	J=187, 188	Sec=18		14390	Add= 28 RD=0.000, 1.000	Uzp=-14.390,	-10.792	R1=-0.377, -0.377
333	J=252, 140	Sec=17	IOFF=0.000	409	J=188, 189	Sec=18</						

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Y=6.559 Z=0.000 17 X= 74.258 Y=6.843 Z=0.000 18 X= 79.239 Y=7.102 Z=0.000 19 X= 84.221 Y=7.336 Z=0.000 20 X= 89.204 Y=7.546 Z=0.000 21 X= 94.189 Y=7.730 Z=0.000 22 X= 99.174 Y=7.890 Z=0.000 23 X= 102.664 Y=7.987 Z=0.000 24 X= 106.154 Y=8.071 Z=0.000 25 X= 111.141 Y=8.171 Z=0.000 26 X= 116.128 Y=8.246 Z=0.000 27 X= 121.115 Y=8.296 Z=0.000 28 X= 126.103 Y=8.321 Z=0.000 29 X= 131.090 Y=8.321 Z=0.000 30 X= 136.078 Y=8.296 Z=0.000 31 X= 141.065 Y=8.246 Z=0.000 32 X= 146.052 Y=8.171 Z=0.000 33 X= 151.039 Y=8.071 Z=0.000 34 X= 154.529 Y=7.987 Z=0.000 35 X= 158.019 Y=7.890 Z=0.000 36 X= 163.004 Y=7.730 Z=0.000 37 X= 167.989 Y=7.546 Z=0.000 38 X= 172.972 Y=7.336 Z=0.000 39 X= 177.954 Y=7.102 Z=0.000 40 X= 182.935 Y=6.843 Z=0.000 41 X= 187.914 Y=6.559 Z=0.000 42 X= 192.892 Y=6.249 Z=0.000 43 X= 197.869 Y=5.916 Z=0.000 44 X= 202.844 Y=5.557 Z=0.000 45 X= 206.325 Y=5.291 Z=0.000 46 X= 209.805 Y=5.013 Z=0.000 47 X= 214.775 Y=4.594 Z=0.000 48 X= 219.743 Y=4.151 Z=0.000 49 X= 224.709 Y=3.683 Z=0.000 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Name=6	J= 52, 53	Sec= 3	JOFF=0.000	RIGID=1.0	260	J= 48, 216	Sec=17	IOFF=1.300
E=2.1e+008	53 J= 53, 54	Sec=23	185	J=178, 66	JOFF=0.000	RIGID=1.0	261	J=216, 104
Name=7	54 J= 54, 55	Sec= 2	JOFF=1.300	RIGID=1.0	186	J= 11, 179	Sec=17	IOFF=0.000
E=2.1e+008	55 J= 55, 56	Sec=21	JOFF=0.000	RIGID=1.0	187	J=179, 67	Sec=17	IOFF=0.000
Name=8	56 J= 57, 58	Sec=34	JOFF=0.000	RIGID=1.0	188	J= 12, 180	Sec=17	IOFF=1.300
E=2.1e+008	57 J= 58, 59	Sec=10	JOFF=0.000	RIGID=1.0	189	J= 13, 181	Sec=17	IOFF=0.000
Name=9	58 J= 59, 60	Sec=36	JOFF=1.300	RIGID=1.0	190	J= 14, 182	Sec=17	IOFF=1.300
E=2.1e+008	59 J= 60, 61	Sec=11	JOFF=0.000	RIGID=1.0	191	J=181, 69	Sec=17	IOFF=0.000
Name=10	60 J= 61, 62	Sec=11	JOFF=1.300	RIGID=1.0	192	J= 14, 182	Sec=17	IOFF=1.300
E=2.1e+008	61 J= 62, 63	Sec=11	JOFF=0.000	RIGID=1.0	193	J=182, 70	Sec=17	IOFF=0.000
Name=11	62 J= 63, 64	Sec=11	JOFF=0.000	RIGID=1.0	194	J= 15, 183	Sec=17	IOFF=1.300
E=2.1e+008	63 J= 64, 65	Sec=38	JOFF=1.300	RIGID=1.0	195	J=183, 71	Sec=17	IOFF=0.000
Name=12	64 J= 65, 66	Sec=40	JOFF=0.000	RIGID=1.0	196	J= 16, 184	Sec=17	IOFF=1.300
E=2.1e+008	65 J= 66, 67	Sec=43	JOFF=0.000	RIGID=1.0	197	J=184, 72	Sec=17	IOFF=0.000
Name=13	66 J= 67, 68	Sec=45	JOFF=1.300	RIGID=1.0	198	J= 17, 185	Sec=17	IOFF=1.300
E=2.1e+008	67 J= 68, 69	Sec=46	JOFF=0.000	RIGID=1.0	199	J=185, 73	Sec=17	IOFF=0.000
Name=14	68 J= 69, 70	Sec=44	JOFF=0.000	RIGID=1.0	200	J= 18, 186	Sec=17	IOFF=1.300
E=2.1e+008	69 J= 70, 71	Sec=42	JOFF=1.300	RIGID=1.0	201	J= 19, 187	Sec=17	IOFF=0.000
Name=15	70 J= 71, 72	Sec=41	JOFF=0.000	RIGID=1.0	202	J= 19, 187	Sec=17	IOFF=1.300
E=2.1e+008	71 J= 72, 73	Sec=16	JOFF=0.000	RIGID=1.0	203	J=187, 75	Sec=17	IOFF=0.000
Name=16	72 J= 73, 74	Sec=16	JOFF=1.300	RIGID=1.0	204	J= 20, 188	Sec=17	IOFF=1.300
E=2.1e+008	73 J= 74, 75	Sec=16	JOFF=0.000	RIGID=1.0	205	J=188, 76	Sec=17	IOFF=0.000
Name=17	74 J= 75, 76	Sec=47	JOFF=1.300	RIGID=1.0	206	J= 21, 189	Sec=17	IOFF=1.300
E=2.1e+008	75 J= 76, 77	Sec=40	JOFF=0.000	RIGID=1.0	207	J=189, 77	Sec=17	IOFF=0.000
Name=18	76 J= 77, 78	Sec=43	JOFF=0.000	RIGID=1.0	208	J= 22, 190	Sec=17	IOFF=1.300
E=2.1e+008	77 J= 78, 79	Sec=45	JOFF=1.300	RIGID=1.0	209	J=190, 78	Sec=17	IOFF=0.000
Name=19	78 J= 79, 80	Sec=46	JOFF=0.000	RIGID=1.0	210	J= 23, 191	Sec=17	IOFF=1.300
E=2.1e+008	79 J= 80, 81	Sec=44	JOFF=0.000	RIGID=1.0	211	J=191, 79	Sec=17	IOFF=0.000
	80 J= 81, 82	Sec=42	JOFF=0.000	RIGID=1.0	212	J= 24, 192	Sec=17	IOFF=1.300
FRAME SECTION	81 J= 82, 83	Sec=41	JOFF=1.300	RIGID=1.0	213	J=192, 80	Sec=17	IOFF=0.000
Name= 1	82 J= 83, 84	Sec=16	JOFF=0.000	RIGID=1.0	214	J= 25, 193	Sec=17	IOFF=1.300
I=0.23958307, 0.55424614	83 J= 84, 85	Sec=16	JOFF=0.000	RIGID=1.0	215	J=193, 81	Sec=17	IOFF=0.000
Name= 2	84 J= 85, 86	Sec=16	JOFF=1.300	RIGID=1.0	216	J= 26, 194	Sec=17	IOFF=1.300
I=0.28705805, 0.56243325	85 J= 86, 87	Sec=47	JOFF=0.000	RIGID=1.0	217	J=194, 82	Sec=17	IOFF=0.000
Name= 3	86 J= 87, 88	Sec=40	JOFF=0.000	RIGID=1.0	218	J= 27, 195	Sec=17	IOFF=1.300
I=0.34993554, 0.57340925	87 J= 88, 89	Sec=43	JOFF=1.300	RIGID=1.0	219	J=195, 83	Sec=17	IOFF=0.000
Name= 4	88 J= 89, 90	Sec=45	JOFF=0.000	RIGID=1.0	220	J= 28, 196	Sec=17	IOFF=1.300
I=0.38190989, 0.58438525	89 J= 90, 91	Sec=46	JOFF=0.000	RIGID=1.0	221	J=196, 84	Sec=17	IOFF=0.000
Name= 5	90 J= 91, 92	Sec=48	JOFF=1.300	RIGID=1.0	222	J= 29, 197	Sec=17	IOFF=1.300
I=0.38707644, 0.59536125	91 J= 92, 93	Sec=42	JOFF=0.000	RIGID=1.0	223	J=197, 85	Sec=17	IOFF=0.000
Name= 6	92 J= 93, 94	Sec=41	JOFF=0.000	RIGID=1.0	224	J= 30, 198	Sec=17	IOFF=1.300
I=0.44933338, 0.61731325	93 J= 94, 95	Sec=16	JOFF=1.300	RIGID=1.0	225	J=198, 86	Sec=17	IOFF=0.000
Name= 7	94 J= 95, 96	Sec=16	JOFF=0.000	RIGID=1.0	226	J= 31, 199	Sec=17	IOFF=1.300
I=0.52831544, 0.64849802	95 J= 96, 97	Sec=16	JOFF=0.000	RIGID=1.0	227	J=199, 87	Sec=17	IOFF=0.000
Name= 8	96 J= 97, 98	Sec=47	JOFF=1.300	RIGID=1.0	228	J= 32, 200	Sec=17	IOFF=1.300
I=0.32965098, 0.56975059	97 J= 98, 99	Sec=40	JOFF=0.000	RIGID=1.0	229	J=200, 88	Sec=17	IOFF=0.000
Name= 9	98 J= 99, 100	Sec=43	JOFF=0.000	RIGID=1.0	230	J= 33, 201	Sec=17	IOFF=1.300
I=0.24416262, 0.68085876	99 J= 100, 101	Sec=45	JOFF=1.300	RIGID=1.0	231	J=201, 89	Sec=17	IOFF=0.000
Name= 10	100 J= 101, 102	Sec=46	JOFF=0.000	RIGID=1.0	232	J= 34, 202	Sec=17	IOFF=1.300
I=0.29257700, 0.68904587	101 J= 102, 103	Sec=44	JOFF=0.000	RIGID=1.0	233	J=202, 90	Sec=17	IOFF=0.000
Name= 11	102 J= 103, 104	Sec=44	JOFF=1.300	RIGID=1.0	234	J= 35, 203	Sec=17	IOFF=1.300
I=0.35742460, 0.70002187	103 J= 104, 105	Sec=39	JOFF=0.000	RIGID=1.0	235	J=203, 91	Sec=17	IOFF=0.000
Name= 12	104 J= 105, 106	Sec=11	JOFF=0.000	RIGID=1.0	236	J= 36, 204	Sec=17	IOFF=1.300
I=0.38977554, 0.71099787	105 J= 106, 107	Sec=11	JOFF=0.000	RIGID=1.0	237	J=204, 92	Sec=17	IOFF=0.000
Name= 13	106 J= 107, 108	Sec=11	JOFF=1.300	RIGID=1.0	238	J= 37, 205	Sec=17	IOFF=1.300
I=0.39441640, 0.72197387	107 J= 108, 109	Sec=11	JOFF=0.000	RIGID=1.0	239	J=205, 93	Sec=17	IOFF=0.000
Name= 14	108 J= 109, 110	Sec=37	JOFF=1.300	RIGID=1.0	240	J= 38, 206	Sec=17	IOFF=1.300
I=0.45814096, 0.74392587	109 J= 110, 111	Sec=10	JOFF=0.000	RIGID=1.0	241	J=206, 94	Sec=17	IOFF=0.000
Name= 15	110 J= 111, 112	Sec=35	JOFF=0.000	RIGID=1.0	242	J= 39, 207	Sec=17	IOFF=1.300
I=0.53983161, 0.77511064	111 J= 113, 114	Sec=20	JOFF=1.300	RIGID=1.0	243	J=207, 95	Sec=17	IOFF=0.000
Name= 16	112 J= 114, 115	Sec= 2	JOFF=0.000	RIGID=1.0	244	J= 40, 208	Sec=17	IOFF=1.300
I=0.33647143, 0.69636320	113 J= 115, 116	Sec=22	JOFF=0.000	RIGID=1.0	245	J=208, 96	Sec=17	IOFF=0.000
Name= 17	114 J= 116, 117	Sec=22	JOFF=1.300	RIGID=1.0	246	J= 41, 209	Sec=17	IOFF=1.300
I=0.00632270, 0.00004512	115 J= 117, 118	Sec= 3	JOFF=0.000	RIGID=1.0	247	J=209, 97	Sec=17	IOFF=0.000
Name= 18	116 J= 118, 119	Sec= 3	JOFF=0.000	RIGID=1.0	248	J= 42, 210	Sec=17	IOFF=1.300
I=0.00141087, 0.00004507	117 J= 119, 120	Sec= 3	JOFF=1.300	RIGID=1.0	249	J=210, 98	Sec=17	IOFF=0.000
Name= 19	118 J= 120, 121	Sec=24	JOFF=0.000	RIGID=1.0	250	J= 43, 211	Sec=17	IOFF=1.300
I=0.00000000, 0.00000000	119 J= 121, 122	Sec=26	JOFF=0.000	RIGID=1.0	251	J=211, 99	Sec=17	IOFF=0.000
Name= 20	120 J= 122, 123	Sec= 1	JOFF=1.300	RIGID=1.0	252	J= 44, 212	Sec=17	IOFF=1.300
Elvar=2.1	121 J= 123, 124	Sec=31	JOFF=0.000	RIGID=1.0	253	J=212, 100	Sec=17	IOFF=0.000
Name= 21	122 J= 124, 125	Sec=32	JOFF=0.000	RIGID=1.0	254	J= 45, 213	Sec=17	IOFF=1.300
Name= 22	123 J= 125, 126	Sec=30	JOFF=1.300	RIGID=1.0	255	J=213, 101	Sec=17	IOFF=0.000
Name= 23	124 J= 126, 127	Sec=28	JOFF=0.000	RIGID=1.0	256	J= 46, 214	Sec=17	IOFF=1.300
Name= 24	125 J= 127, 128	Sec=27	JOFF=0.000	RIGID=1.0	257	J=214, 101	Sec=17	IOFF=0.000
Name= 25	126 J= 128, 129	Sec= 8	JOFF=1.300	RIGID=1.0	258	J= 47, 215	Sec=17	IOFF=1.300
Name= 26	127 J= 129, 130	Sec= 8	JOFF=0.000	RIGID=1.0	259	J=215, 103	Sec=17	IOFF=0.000
Name= 27	128 J= 130, 131	Sec= 8	JOFF=0.000	RIGID=1.0	260	J= 48, 216	Sec=17	IOFF=1.300
Name= 28	129 J= 131, 132	Sec=33	JOFF=1.300	RIGID=1.0	261	J=216, 104	Sec=17	IOFF=0.000
Name= 29	130 J= 132, 133	Sec=26	JOFF=0.000	RIGID=1.0	262	J= 49, 217	Sec=17	IOFF=1.300
Name= 30	131 J= 133, 134	Sec=29	JOFF=0.000	RIGID=1.0	263	J=217, 105	Sec=17	IOFF=0.000
Name= 31	132 J= 134, 135	Sec= 6	JOFF=1.300	RIGID=1.0	264	J= 50, 218	Sec=17	IOFF=1.300
Name= 32	133 J= 135, 136	Sec=32	JOFF=0.000	RIGID=1.0	265	J=218, 106	Sec=17	IOFF=0.000
Name= 33	134 J= 136, 137	Sec= 8	JOFF=0.000	RIGID=1.0	266	J= 51, 219	Sec=17	IOFF=1.300
Name= 34	135 J= 137, 138	Sec=28	JOFF=1.300	RIGID=1.0	267	J=219, 107	Sec=17	IOFF=0.000
Name= 35	136 J= 138, 139	Sec=27	JOFF=0.000	RIGID=1.0	268	J= 52, 220	Sec=17	IOFF=1.300
Name= 36	137 J= 139, 140	Sec= 8	JOFF=0.000	RIGID=1.0	269	J=220, 108	Sec=17	IOFF=0.000
Name= 37	138 J= 140, 141	Sec=11	JOFF=1.300	RIGID=1.0	270	J= 53, 221	Sec=17	IOFF=1.300
Name= 38	139 J= 141, 142	Sec=11	JOFF=0.000	RIGID=1.0	271	J=221, 109	Sec=17	IOFF=0.000
Name= 39	140 J= 142, 143	Sec=33	JOFF=0.000	RIGID=1.0	272	J= 54, 222	Sec=17	IOFF=1.300
Name= 40	141 J= 143, 144	Sec=26	JOFF=0.000	RIGID=1.0	273	J=222, 110	Sec=17	IOFF=0.000
Name= 41	142 J= 144, 145	Sec=29	JOFF=1.300	RIGID=1.0	274	J= 55, 223	Sec=17	IOFF=1.300
Name= 42	143 J= 145, 146	Sec=31	JOFF=0.000	RIGID=1.0	275	J=223, 111	Sec=17	IOFF=0.000
Name= 43	144 J= 146, 147	Sec=32	JOFF=1.300	RIGID=1.0	276	J= 56, 224	Sec=17	IOFF=1.300
Name= 44	145 J= 147, 148	Sec=30	JOFF=0.000	RIGID=1.0	277	J=224, 112	Sec=17	IOFF=0.000
Name= 45	146 J= 148, 149	Sec=28	JOFF=0.000	RIGID=1.0	278	J= 57, 225	Sec=17	IOFF=1.300
Name= 46	147 J= 149, 150	Sec=27	JOFF=1.300	RIGID=1.0	279	J=225, 113	Sec=17	IOFF=0.000
Name= 47	148 J= 150, 151	Sec= 8	JOFF=0.000	RIGID=1.0	280	J= 58, 226	Sec=17	IOFF=1.300
	149 J= 151, 152	Sec= 8	JOFF=0.000	RIGID=1.0	281	J=226, 114	Sec=17	IOFF=0.000
	150 J= 152, 153	Sec= 8	JOFF=1.300	RIGID=1.0	282	J= 59, 227	Sec=17	IOFF=1.300
	151 J= 153, 154	Sec=33	JOFF=0.000	RIGID=1.0	283	J=227, 115	Sec=17	IOFF=0.000
	152 J= 154, 155	Sec=26	JOFF=0.000	RIGID=1.0	284	J= 60, 228	Sec=17	IOFF=1.300
	153 J= 155, 156	Sec=29	JOFF=0.000	RIGID=1.0	285	J=228, 116	Sec=17	IOFF=0.000
	154 J= 156, 157	Sec=31	JOFF=1.300	RIGID=1.0	286	J= 61, 229	Sec=17	IOFF=1.300
	155 J= 157, 158	Sec=32	JOFF=0.000	RIGID=1.0	287	J=229, 117	Sec=17	IOFF=0.000
	156 J= 158, 159	Sec=30	JOFF=0.000	RIGID=1.0	288	J= 62, 230	Sec=17	IOFF=1.300
	157 J= 159, 160	Sec=28	JOFF=0.000	RIGID=1.0	289	J=230, 118	Sec=17	IOFF=0.000
	158 J= 160, 161	Sec=25	JOFF=0.000	RIGID=1.0	290	J= 63, 231	Sec=17	IOFF=1.300
	159 J= 161, 162	Sec= 3	JOFF=0.000	RIGID=1.0	291	J=231, 119	Sec=17	IOFF=0.000
	160 J= 162, 163	Sec= 3	JOFF=0.000	RIGID=1.0	292	J= 64, 232	Sec=17	IOFF=1.300
	161 J= 163, 164	Sec= 3	JOFF=1.300	RIGID=1.0	293	J=232, 120	Sec=17	IOFF=0.000
	162 J= 164, 165	Sec= 3	JOFF=0.000	RIGID=1.0	294	J= 65, 233	Sec=17	IOFF=1.30

J=336	RIGID=1.0	Sec=17	IOFF=1.300	432	J=211, 212	Sec=18	: Case = 3 -----	G1 Max DB 3 1/2	Path= 467, 477, 1, Ecc=0.000
J=337	RIGID=1.0	Sec=17	IOFF=0.000	433	J=212, 213	Sec=18	Name=11	Path= 478, 488, 1, Ecc=0.000	
J=338	RIGID=1.0	Sec=17	IOFF=1.300	434	J=213, 214	Sec=18	Path= 1, 11, 1, Ecc=0.070	Path= 489, 499, 1, Ecc=0.000	
J=339	RIGID=1.0	Sec=17	IOFF=0.000	435	J=214, 215	Sec=18	Path= 12, 22, 1, Ecc=0.070	Path= 111, 121, 1, Ecc=1.574	
J=340	RIGID=1.0	Sec=17	IOFF=1.300	436	J=215, 216	Sec=18	Path= 23, 33, 1, Ecc=0.070	Path= 122, 132, 1, Ecc=1.574	
J=341	RIGID=1.0	Sec=17	IOFF=0.000	437	J=216, 217	Sec=18	Path= 34, 44, 1, Ecc=0.070	Path= 133, 143, 1, Ecc=1.574	
J=342	RIGID=1.0	Sec=17	IOFF=0.000	438	J=217, 218	Sec=18	Path= 45, 55, 1, Ecc=0.070	Path= 144, 154, 1, Ecc=1.574	
J=343	RIGID=1.0	Sec=17	IOFF=1.300	439	J=218, 219	Sec=18	Name=12	Path= 155, 165, 1, Ecc=1.574	
J=344	RIGID=1.0	Sec=17	IOFF=0.000	440	J=219, 220	Sec=18	Path= 390, 400, 1, Ecc=0.000	: Case = 8 -----	
J=345	RIGID=1.0	Sec=17	IOFF=1.300	441	J=220, 221	Sec=18	Path= 401, 411, 1, Ecc=0.000	Name=36	
J=346	RIGID=1.0	Sec=17	IOFF=0.000	442	J=221, 222	Sec=18	Path= 412, 422, 1, Ecc=0.000	Path= 1, 11, 1, Ecc=-0.652	
J=347	RIGID=1.0	Sec=17	IOFF=1.300	443	J=222, 223	Sec=18	Path= 423, 433, 1, Ecc=0.000	Path= 12, 22, 1, Ecc=-0.652	
J=348	RIGID=1.0	Sec=17	IOFF=0.000	444	J=223, 224	Sec=18	Path= 434, 444, 1, Ecc=0.000	Path= 23, 33, 1, Ecc=-0.652	
J=349	RIGID=1.0	Sec=17	IOFF=1.300	445	J=224, 225	Sec=18	Name=13	Path= 34, 44, 1, Ecc=-0.652	
J=350	RIGID=1.0	Sec=17	IOFF=0.000	446	J=225, 226	Sec=18	Path= 56, 66, 1, Ecc=-0.033	Path= 45, 55, 1, Ecc=-0.652	
J=351	RIGID=1.0	Sec=17	IOFF=1.300	447	J=226, 227	Sec=18	Path= 67, 77, 1, Ecc=-0.033	Name=37	
J=352	RIGID=1.0	Sec=17	IOFF=0.000	448	J=227, 228	Sec=18	Path= 78, 88, 1, Ecc=-0.033	Path= 390, 400, 1, Ecc=0.000	
J=353	RIGID=1.0	Sec=17	IOFF=1.300	449	J=228, 229	Sec=18	Path= 89, 99, 1, Ecc=-0.033	Path= 401, 411, 1, Ecc=0.000	
J=354	RIGID=1.0	Sec=17	IOFF=0.000	450	J=229, 230	Sec=18	Path= 100, 110, 1, Ecc=-0.033	Path= 412, 422, 1, Ecc=0.000	
J=355	RIGID=1.0	Sec=17	IOFF=1.300	451	J=230, 231	Sec=18	Name=14	Path= 423, 433, 1, Ecc=0.000	
J=356	RIGID=1.0	Sec=17	IOFF=0.000	452	J=231, 232	Sec=18	Path= 445, 455, 1, Ecc=0.000	Path= 434, 444, 1, Ecc=0.000	
J=357	RIGID=1.0	Sec=17	IOFF=1.300	453	J=232, 233	Sec=18	Path= 456, 466, 1, Ecc=0.000	Name=38	
J=358	RIGID=1.0	Sec=17	IOFF=0.000	454	J=233, 234	Sec=18	Path= 467, 477, 1, Ecc=0.000	Path= 56, 66, 1, Ecc=0.000	
J=359	RIGID=1.0	Sec=17	IOFF=1.300	455	J=234, 235	Sec=18	Path= 478, 488, 1, Ecc=0.000	Path= 67, 77, 1, Ecc=0.000	
J=360	RIGID=1.0	Sec=17	IOFF=0.000	456	J=235, 236	Sec=18	Path= 489, 499, 1, Ecc=0.000	Path= 78, 88, 1, Ecc=0.000	
J=361	RIGID=1.0	Sec=17	IOFF=1.300	457	J=236, 237	Sec=18	Name=15	Path= 89, 99, 1, Ecc=0.000	
J=362	RIGID=1.0	Sec=17	IOFF=0.000	458	J=237, 238	Sec=18	Path= 111, 121, 1, Ecc=1.573	Path= 100, 110, 1, Ecc=0.000	
J=363	RIGID=1.0	Sec=17	IOFF=1.300	459	J=238, 239	Sec=18	Path= 122, 132, 1, Ecc=1.573	Name=39	
J=364	RIGID=1.0	Sec=17	IOFF=0.000	460	J=239, 240	Sec=18	Path= 133, 143, 1, Ecc=1.573	Path= 445, 455, 1, Ecc=0.000	
J=365	RIGID=1.0	Sec=17	IOFF=1.300	461	J=240, 241	Sec=18	Path= 144, 154, 1, Ecc=1.573	Path= 456, 466, 1, Ecc=0.000	
J=366	RIGID=1.0	Sec=17	IOFF=0.000	462	J=241, 242	Sec=18	Path= 155, 165, 1, Ecc=1.573	Path= 467, 477, 1, Ecc=0.000	
J=367	RIGID=1.0	Sec=17	IOFF=1.300	463	J=242, 243	Sec=18	: Case = 4 -----	Path= 478, 488, 1, Ecc=0.000	
J=368	RIGID=1.0	Sec=17	IOFF=0.000	464	J=				

[illegible]

Lane= 74 Class= 2 Lmin= 1 Lmax= 1
Sf=0.001
Lane= 75 Class= 2 Lmin= 1 Lmax= 1
Sf=0.032
Name= 16 Rf=0.750 : G1 Max DL 4선
Lane= 76 Class= 2 Lmin= 1 Lmax= 1
Sf=3.929
Lane= 77 Class= 2 Lmin= 1 Lmax= 1
Sf=1.251
Lane= 78 Class= 2 Lmin= 1 Lmax= 1
Sf=3.881
Lane= 79 Class= 2 Lmin= 1 Lmax= 1
Sf=0.933
Lane= 80 Class= 2 Lmin= 1 Lmax= 1
Sf=2.007
Name= 17 Rf=1.000 : G2 Max DL 1선
Lane= 81 Class= 2 Lmin= 1 Lmax= 1
Sf=0.001
Lane= 82 Class= 2 Lmin= 1 Lmax= 1
Sf=1.116
Lane= 83 Class= 2 Lmin= 1 Lmax= 1
Sf=1.977
Lane= 84 Class= 2 Lmin= 1 Lmax= 1
Sf=0.001
Lane= 85 Class= 2 Lmin= 1 Lmax= 1
Sf=0.010
Name= 18 Rf=1.000 : G2 Max DL 2선
Lane= 86 Class= 2 Lmin= 1 Lmax= 1
Sf=0.001
Lane= 87 Class= 2 Lmin= 1 Lmax= 1
Sf=1.065
Lane= 88 Class= 2 Lmin= 1 Lmax= 1
Sf=3.954
Lane= 89 Class= 2 Lmin= 1 Lmax= 1
Sf=1.065
Lane= 90 Class= 2 Lmin= 1 Lmax= 1
Sf=0.001
Name= 19 Rf=0.900 : G2 Max DL 3선
Lane= 91 Class= 2 Lmin= 1 Lmax= 1
Sf=3.191
Lane= 92 Class= 2 Lmin= 1 Lmax= 1
Sf=0.769
Lane= 93 Class= 2 Lmin= 1 Lmax= 1
Sf=4.013
Lane= 94 Class= 2 Lmin= 1 Lmax= 1
Sf=1.071
Lane= 95 Class= 2 Lmin= 1 Lmax= 1
Sf=0.001
Name= 20 Rf=0.750 : G2 Max DL 4선
Lane= 96 Class= 2 Lmin= 1 Lmax= 1
Sf=3.189
Lane= 97 Class= 2 Lmin= 1 Lmax= 1
Sf=0.774
Lane= 98 Class= 2 Lmin= 1 Lmax= 1
Sf=4.072
Lane= 99 Class= 2 Lmin= 1 Lmax= 1
Sf=0.775
Lane= 100 Class= 2 Lmin= 1 Lmax= 1
Sf=3.190
Name= 21 Rf=1.000 : G3 Max DL 1선
Lane= 101 Class= 2 Lmin= 1 Lmax= 1
Sf=0.001
Lane= 102 Class= 2 Lmin= 1 Lmax= 1
Sf=0.001
Lane= 103 Class= 2 Lmin= 1 Lmax= 1
Sf=0.077
Lane= 104 Class= 2 Lmin= 1 Lmax= 1
Sf=0.001
Lane= 105 Class= 2 Lmin= 1 Lmax= 1
Sf=3.324
Name= 22 Rf=1.000 : G3 Max DL 2선
Lane= 106 Class= 2 Lmin= 1 Lmax= 1
Sf=0.001
Lane= 107 Class= 2 Lmin= 1 Lmax= 1
Sf=0.033
Lane= 108 Class= 2 Lmin= 1 Lmax= 1
Sf=0.697
Lane= 109 Class= 2 Lmin= 1 Lmax= 1
Sf=1.512
Lane= 110 Class= 2 Lmin= 1 Lmax= 1
Sf=3.765
Name= 23 Rf=0.900 : G3 Max DL 3선
Lane= 111 Class= 2 Lmin= 1 Lmax= 1
Sf=0.012
Lane= 112 Class= 2 Lmin= 1 Lmax= 1
Sf=0.001
Lane= 113 Class= 2 Lmin= 1 Lmax= 1
Sf=3.973
Lane= 114 Class= 2 Lmin= 1 Lmax= 1
Sf=1.211
Lane= 115 Class= 2 Lmin= 1 Lmax= 1
Sf=3.824
Name= 24 Rf=0.750 : G3 Max DL 4선
Lane= 116 Class= 2 Lmin= 1 Lmax= 1
Sf=2.209
Lane= 117 Class= 2 Lmin= 1 Lmax= 1
Sf=0.840
Lane= 118 Class= 2 Lmin= 1 Lmax= 1
Sf=3.919
Lane= 119 Class= 2 Lmin= 1 Lmax= 1
Sf=1.206
Lane= 120 Class= 2 Lmin= 1 Lmax= 1
Sf=3.825
COMBO
Name=DB-G1-1 Type=ENVE : G1 Max DB 1
MOVE=1 sf=1.164
Name=DB-G1-2 Type=ENVE : G1 Max DB 2
MOVE=2 sf=1.164
Name=DB-G1-3 Type=ENVE : G1 Max DB 3
MOVE=3 sf=1.164
Name=DB-G1-4 Type=ENVE : G1 Max DB 4
MOVE=4 sf=1.164
Name=DB-G2-1 Type=ENVE : G2 Max DB 1
MOVE=5 sf=1.164
Name=DB-G2-2 Type=ENVE : G2 Max DB 2
MOVE=6 sf=1.164
Name=DB-G2-3 Type=ENVE : G2 Max DB 3
MOVE=7 sf=1.164
Name=DB-G2-4 Type=ENVE : G2 Max DB 4
MOVE=8 sf=1.164
Name=DB-G3-1 Type=ENVE : G3 Max DB 1
MOVE=9 sf=1.164
Name=DB-G3-2 Type=ENVE : G3 Max DB 2

MOVE=10 sf=1.164
Name=DB-G3-3 Type=ENVE : G3 Max DB 3
MOVE=11 sf=1.164
Name=DB-G3-4 Type=ENVE : G3 Max DB 4
MOVE=12 sf=1.164
Name=DL-G1-1 Type=ENVE : G1 Max DL 1
MOVE=13 sf=1.164
Name=DL-G1-2 Type=ENVE : G1 Max DL 2
MOVE=14 sf=1.164
Name=DL-G1-3 Type=ENVE : G1 Max DL 3
MOVE=15 sf=1.164
Name=DL-G1-4 Type=ENVE : G1 Max DL 4
MOVE=16 sf=1.164
Name=DL-G2-1 Type=ENVE : G2 Max DL 1
MOVE=17 sf=1.164
Name=DL-G2-2 Type=ENVE : G2 Max DL 2
MOVE=18 sf=1.164
Name=DL-G2-3 Type=ENVE : G2 Max DL 3
MOVE=19 sf=1.164
Name=DL-G2-4 Type=ENVE : G2 Max DL 4
MOVE=20 sf=1.164
Name=DL-G3-1 Type=ENVE : G3 Max DL 1
MOVE=21 sf=1.164
Name=DL-G3-2 Type=ENVE : G3 Max DL 2
MOVE=22 sf=1.164
Name=DL-G3-3 Type=ENVE : G3 Max DL 3
MOVE=23 sf=1.164
Name=DL-G3-4 Type=ENVE : G3 Max DL 4
MOVE=24 sf=1.164
Name=DB Type=ENVE :
COMB=DB-G1-1 sf=1.000
COMB=DB-G1-2 sf=1.000
COMB=DB-G1-3 sf=1.000
COMB=DB-G1-4 sf=1.000
COMB=DB-G2-1 sf=1.000
COMB=DB-G2-2 sf=1.000
COMB=DB-G2-3 sf=1.000
COMB=DB-G2-4 sf=1.000
COMB=DB-G3-1 sf=1.000
COMB=DB-G3-2 sf=1.000
COMB=DB-G3-3 sf=1.000
COMB=DB-G3-4 sf=1.000
Name=DL Type=ENVE :
COMB=DL-G1-1 sf=1.000
COMB=DL-G1-2 sf=1.000
COMB=DL-G1-3 sf=1.000
COMB=DL-G1-4 sf=1.000
COMB=DL-G2-1 sf=1.000
COMB=DL-G2-2 sf=1.000
COMB=DL-G2-3 sf=1.000
COMB=DL-G2-4 sf=1.000
COMB=DL-G3-1 sf=1.000
COMB=DL-G3-2 sf=1.000
COMB=DL-G3-3 sf=1.000
COMB=DL-G3-4 sf=1.000
Name=CAR Type=ENVE :
COMB=DB sf=1.000
COMB=DL sf=1.000
Name=DESIGN Type=ENVE :
COMB=CAR sf=1.000
OUTPUT
Elem=Joint Type=Disp,REAC Load=+
Comb=+
Elem=Frame Type=Force Load=+
< UNEQUAL SETTLEMENT >
SYSTEM
LENGTH=M FORCE=KN
JOINT
1 X= 0.000 Y=0.000 Z=0.000
2 X= 2.746 Y=0.353 Z=0.000
3 X= 7.695 Y=0.970 Z=0.000
4 X= 12.647 Y=1.562 Z=0.000
5 X= 17.602 Y=2.129 Z=0.000
6 X= 22.561 Y=2.672 Z=0.000
7 X= 27.521 Y=3.190 Z=0.000
8 X= 32.484 Y=3.683 Z=0.000
9 X= 37.450 Y=4.151 Z=0.000
10 X= 42.418 Y=4.594 Z=0.000
11 X= 47.388 Y=5.013 Z=0.000
12 X= 50.868 Y=5.291 Z=0.000
13 X= 54.349 Y=5.557 Z=0.000
14 X= 59.324 Y=5.916 Z=0.000
15 X= 64.301 Y=6.249 Z=0.000
16 X= 69.279 Y=6.559 Z=0.000
17 X= 74.258 Y=6.843 Z=0.000
18 X= 79.239 Y=7.102 Z=0.000
19 X= 84.221 Y=7.336 Z=0.000
20 X= 89.204 Y=7.546 Z=0.000
21 X= 94.189 Y=7.730 Z=0.000
22 X= 99.174 Y=7.890 Z=0.000
23 X= 104.164 Y=8.071 Z=0.000
24 X= 111.141 Y=8.171 Z=0.000
25 X= 116.128 Y=8.246 Z=0.000
26 X= 121.115 Y=8.296 Z=0.000
27 X= 126.103 Y=8.321 Z=0.000
28 X= 131.090 Y=8.321 Z=0.000
29 X= 136.078 Y=8.296 Z=0.000
30 X= 141.065 Y=8.246 Z=0.000
31 X= 146.052 Y=8.171 Z=0.000
32 X= 151.039 Y=8.071 Z=0.000
33 X= 156.029 Y=7.967 Z=0.000
34 X= 161.019 Y=7.843 Z=0.000
35 X= 166.004 Y=7.730 Z=0.000
36 X= 171.989 Y=7.546 Z=0.000
37 X= 177.972 Y=7.336 Z=0.000
38 X= 183.954 Y=7.102 Z=0.000
39 X= 188.935 Y=6.843 Z=0.000
40 X= 193.914 Y=6.559 Z=0.000
41 X= 198.893 Y=6.249 Z=0.000
42 X= 203.872 Y=5.916 Z=0.000
43 X= 208.851 Y=5.557 Z=0.000
44 X= 213.830 Y=5.291 Z=0.000
45 X= 218.809 Y=5.013 Z=0.000
46 X= 223.788 Y=4.730 Z=0.000

X= 214.775 Y=4.594 Z=0.000
X= 219.743 Y=4.151 Z=0.000
X= 224.709 Y=3.683 Z=0.000
X= 229.675 Y=3.190 Z=0.000
X= 234.632 Y=2.672 Z=0.000
X= 239.590 Y=2.129 Z=0.000
X= 244.546 Y=1.562 Z=0.000
X= 249.498 Y=0.970 Z=0.000
X= 254.447 Y=0.353 Z=0.000
X= 259.393 Y=0.000 Z=0.000
X= 0.766 Y=-5.894 Z=-0.357
X= 3.495 Y=-5.543 Z=-0.357
X= 8.415 Y=-4.930 Z=-0.357
X= 13.338 Y=-4.342 Z=-0.357
X= 18.264 Y=-3.778 Z=-0.357
X= 23.192 Y=-3.238 Z=-0.357
X= 28.123 Y=-2.724 Z=-0.357
X= 33.057 Y=-2.234 Z=-0.357
X= 37.993 Y=-1.768 Z=-0.357
X= 42.931 Y=-1.328 Z=-0.357
X= 47.872 Y=-0.912 Z=-0.357
X= 51.331 Y=-0.635 Z=-0.357
X= 54.792 Y=-0.371 Z=-0.357
X= 59.737 Y=-0.014 Z=-0.357
X= 64.684 Y=0.318 Z=-0.357
X= 69.632 Y=0.625 Z=-0.357
X= 74.582 Y=0.907 Z=-0.357
X= 79.533 Y=1.165 Z=-0.357
X= 84.486 Y=1.398 Z=-0.357
X= 89.439 Y=1.606 Z=-0.357
X= 94.394 Y=1.790 Z=-0.357
X= 99.349 Y=1.948 Z=-0.357
X= 104.301 Y=2.045 Z=-0.357
X= 109.258 Y=2.129 Z=-0.357
X= 114.215 Y=2.228 Z=-0.357
X= 119.172 Y=2.302 Z=-0.357
X= 124.130 Y=2.352 Z=-0.357
X= 129.087 Y=2.377 Z=-0.357
X= 134.043 Y=2.342 Z=-0.357
X= 138.999 Y=2.302 Z=-0.357
X= 143.956 Y=2.228 Z=-0.357
X= 148.913 Y=2.129 Z=-0.357
X= 153.870 Y=2.045 Z=-0.357
X= 158.827 Y=1.948 Z=-0.357
X= 163.784 Y=1.843 Z=-0.357
X= 168.741 Y=1.729 Z=-0.357
X= 173.698 Y=1.606 Z=-0.357
X= 178.655 Y=1.479 Z=-0.357
X= 183.612 Y=1.342 Z=-0.357
X= 188.569 Y=1.199 Z=-0.357
X= 193.526 Y=1.047 Z=-0.357
X= 198.483 Y=0.886 Z=-0.357
X= 203.440 Y=0.716 Z=-0.357
X= 208.397 Y=0.537 Z=-0.357
X= 213.354 Y=0.357 Z=-0.357
X= 218.311 Y=0.177 Z=-0.357
X= 223.268 Y=0.000 Z=-0.357
X= 228.225 Y=-0.177 Z=-0.357
X= 233.182 Y=-0.357 Z=-0.357
X= 238.139 Y=-0.537 Z=-0.357
X= 243.096 Y=-0.716 Z=-0.357
X= 248.053 Y=-0.886 Z=-0.357
X= 253.010 Y=-1.047 Z=-0.357
X= 257.967 Y=-1.199 Z=-0.357
X= 262.924 Y=-1.342 Z=-0.357
X= 267.881 Y=-1.479 Z=-0.357
X= 272.838 Y=-1.606 Z=-0.357
X= 277.795 Y=-1.729 Z=-0.357
X= 282.752 Y=-1.843 Z=-0.357
X= 287.709 Y=-1.948 Z=-0.357
X= 292.666 Y=-2.045 Z=-0.357
X= 297.623 Y=-2.129 Z=-0.357
X= 302.580 Y=-2.228 Z=-0.357
X= 307.537 Y=-2.302 Z=-0.357
X= 312.494 Y=-2.352 Z=-0.357
X= 317.451 Y=-2.377 Z=-0.357
X= 322.408 Y=-2.342 Z=-0.357
X= 327.365 Y=-2.302 Z=-0.357
X= 332.322 Y=-2.228 Z=-0.357
X= 337.279 Y=-2.129 Z=-0.357
X= 342.236 Y=-2.045 Z=-0.357
X= 347.193 Y=-1.948 Z=-0.357
X= 352.150 Y=-1.843 Z=-0.357
X= 357.107 Y=-1.729 Z=-0.357
X= 362.064 Y=-1.606 Z=-0.357
X= 367.021 Y=-1.479 Z=-0.357
X= 371.978 Y=-1.342 Z=-0.357
X= 376.935 Y=-1.199 Z=-0.357
X= 381.892 Y=-1.047 Z=-0.357
X= 386.849 Y=-0.886 Z=-0.357
X= 391.806 Y=-0.716 Z=-0.357
X= 396.763 Y=-0.537 Z=-0.357
X= 401.720 Y=-0.357 Z=-0.357
X= 406.677 Y=-0.177 Z=-0.357
X= 411.634 Y=0.000 Z=-0.357
X= 416.591 Y=0.177 Z=-0.357
X= 421.548 Y=0.357 Z=-0.357
X= 426.505 Y=0.537 Z=-0.357
X= 431.462 Y=0.716 Z=-0.357
X= 436.419 Y=0.886 Z=-0.357
X= 441.376 Y=1.047 Z=-0.357
X= 446.333 Y=1.199 Z=-0.357
X= 451.290 Y=1.342 Z=-0.357
X= 456.247 Y=1.479 Z=-0.357
X= 461.204 Y=1.606 Z=-0.357
X= 466.161 Y=1.729 Z=-0.357
X= 471.118 Y=1.843 Z=-0.357
X= 476.075 Y=1.948 Z=-0.357
X= 481.032 Y=2.045 Z=-0.357
X= 485.989 Y=2.129 Z=-0.357
X= 490.946 Y=2.228 Z=-0.357
X= 495.903 Y=2.302 Z=-0.357
X= 500.860 Y=2.352 Z=-0.357
X= 505.817 Y=2.377 Z=-0.357
X= 510.774 Y=2.342 Z=-0.357
X= 515.731 Y=2.302 Z=-0.357
X= 520.688 Y=2.228 Z=-0.357
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E=2.1e+008	51 J= 51, 52	Sec= 3	184 J= 10, 178		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name=6	52 J= 52, 53	Sec= 3	JOFF=0.000	RIGID=1.0		260	J= 48, 216	Sec=17	IOFF=1.300
E=2.1e+008	53 J= 53, 54	Sec= 3	185 J=178, 1		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name=7	54 J= 54, 55	Sec= 2	JOFF=1.300	RIGID=1.0		261	J=216, 104	Sec=17	IOFF=0.000
E=2.1e+008	55 J= 55, 56	Sec=21	186 J= 11, 179		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name=8	56 J= 57, 58	Sec=34	JOFF=0.000	RIGID=1.0		262	J= 49, 217	Sec=17	IOFF=1.300
E=2.1e+008	57 J= 58, 59	Sec=10	187 J=179, 67		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name=9	58 J= 59, 60	Sec=36	JOFF=1.300	RIGID=1.0		263	J=217, 105	Sec=17	IOFF=0.000
E=2.1e+008	59 J= 60, 61	Sec=11	188 J= 180, 72		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name=10	60 J= 61, 62	Sec=11	JOFF=0.000	RIGID=1.0		264	J= 50, 218	Sec=17	IOFF=1.300
E=2.1e+008	61 J= 62, 63	Sec=11	189 J=180, 68		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name=11	62 J= 63, 64	Sec=11	JOFF=1.300	RIGID=1.0		265	J=218, 106	Sec=17	IOFF=0.000
E=2.1e+008	63 J= 64, 65	Sec=38	190 J= 13, 181		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name=12	64 J= 65, 66	Sec=40	JOFF=0.000	RIGID=1.0		266	J= 51, 219	Sec=17	IOFF=1.300
E=2.1e+008	65 J= 66, 67	Sec=43	191 J=181, 69		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name=13	66 J= 67, 68	Sec=45	JOFF=1.300	RIGID=1.0		267	J=219, 107	Sec=17	IOFF=0.000
E=2.1e+008	67 J= 68, 69	Sec=46	192 J= 14, 182		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name=14	68 J= 69, 70	Sec=44	JOFF=0.000	RIGID=1.0		268	J= 52, 220	Sec=17	IOFF=1.300
E=2.1e+008	69 J= 70, 71	Sec=42	193 J=182, 70		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name=15	70 J= 71, 72	Sec=41	JOFF=1.300	RIGID=1.0		269	J=220, 108	Sec=17	IOFF=0.000
E=2.1e+008	71 J= 72, 73	Sec=16	194 J= 15, 183		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name=16	72 J= 73, 74	Sec=16	JOFF=0.000	RIGID=1.0		270	J= 53, 221	Sec=17	IOFF=1.300
E=2.1e+008	73 J= 74, 75	Sec=16	195 J=183, 71		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name=17	74 J= 75, 76	Sec=47	JOFF=1.300	RIGID=1.0		271	J=221, 109	Sec=17	IOFF=0.000
E=2.1e+008	75 J= 76, 77	Sec=40	196 J= 16, 184		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name=18	76 J= 77, 78	Sec=43	JOFF=0.000	RIGID=1.0		272	J= 54, 222	Sec=17	IOFF=1.300
E=2.1e+008	77 J= 78, 79	Sec=46	197 J=184, 72		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name=19	78 J= 79, 80	Sec=46	JOFF=1.300	RIGID=1.0		273	J=222, 110	Sec=17	IOFF=0.000
E=2.1e+008	79 J= 80, 81	Sec=44	198 J= 17, 185		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
	80 J= 81, 82	Sec=42	JOFF=0.000	RIGID=1.0		274	J= 55, 223	Sec=17	IOFF=1.300
FRAME SECTION	81 J= 82, 83	Sec=41	199 J=185, 73		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
1 Mat= 1 A=0.31114	82 J= 83, 84	Sec=16	JOFF=1.300	RIGID=1.0		275	J=223, 111	Sec=17	IOFF=0.000
I=0.23958307, 0.55424614	83 J= 84, 85	Sec=16	200 J= 18, 186		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
2 Mat= 2 A=0.31594	84 J= 85, 86	Sec=16	JOFF=0.000	RIGID=1.0		276	J= 56, 224	Sec=17	IOFF=1.300
I=0.28705805, 0.56243325	85 J= 86, 87	Sec=47	201 J=186, 74		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
3 Mat= 3 A=0.33274	86 J= 87, 88	Sec=40	JOFF=1.300	RIGID=1.0		277	J=224, 112	Sec=17	IOFF=0.000
I=0.34993554, 0.57340925	87 J= 88, 89	Sec=43	202 J= 19, 187		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
I=0.38190989, 0.58439525	88 J= 89, 90	Sec=48	JOFF=0.000	RIGID=1.0		278	J= 57, 225	Sec=17	IOFF=1.300
5 Mat= 5 A=0.37474	89 J= 90, 91	Sec=46	203 J=187, 75		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
I=0.38707644, 0.59536125	90 J= 91, 92	Sec=44	JOFF=1.300	RIGID=1.0		279	J=225, 113	Sec=17	IOFF=0.000
6 Mat= 6 A=0.39994	91 J= 92, 93	Sec=42	204 J= 20, 188		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
I=0.44933338, 0.61731325	92 J= 93, 94	Sec=41	JOFF=0.000	RIGID=1.0		280	J= 58, 226	Sec=17	IOFF=1.300
Name= 4 Mat= 10 A=0.43194	93 J= 94, 95	Sec=16	205 J=188, 76		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
I=0.52831544, 0.64849802	94 J= 95, 96	Sec=18	JOFF=1.300	RIGID=1.0		281	J=226, 114	Sec=17	IOFF=0.000
8 Mat= 8 A=0.32714	95 J= 96, 97	Sec=47	206 J= 21, 189		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
I=0.32965098, 0.56975059	96 J= 97, 98	Sec=40	JOFF=0.000	RIGID=1.0		282	J= 59, 227	Sec=17	IOFF=1.300
Name= 9 Mat= 9 A=0.32675	97 J= 98, 99	Sec=40	207 J=189, 77		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
I=0.24416262, 0.68085876	98 J= 99, 100	Sec=43	JOFF=1.300	RIGID=1.0		283	J=227, 115	Sec=17	IOFF=0.000
I=0.23925700, 0.68904587	99 J=100, 101	Sec=45	208 J= 22, 190		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 11 Mat= 11 A=0.34835	100 J=101, 102	Sec=46	JOFF=0.000	RIGID=1.0		284	J= 60, 228	Sec=17	IOFF=1.300
I=0.35742460, 0.70002187	101 J=102, 103	Sec=44	209 J=190, 78		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name= 12 Mat= 12 A=0.37355	102 J=103, 104	Sec=42	JOFF=1.300	RIGID=1.0		285	J=228, 116	Sec=17	IOFF=0.000
I=0.38977554, 0.71099787	103 J=104, 105	Sec=39	210 J= 23, 191		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 13 Mat= 13 A=0.39035	104 J=105, 106	Sec=11	JOFF=0.000	RIGID=1.0		286	J= 61, 229	Sec=17	IOFF=1.300
I=0.39441640, 0.72197387	105 J=106, 107	Sec=11	211 J=191, 79		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name= 14 Mat= 14 A=0.41555	106 J=107, 108	Sec=11	JOFF=1.300	RIGID=1.0		287	J=229, 117	Sec=17	IOFF=0.000
I=0.45814096, 0.74392587	107 J=108, 109	Sec=16	212 J= 24, 192		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 15 Mat= 15 A=0.44755	108 J=109, 110	Sec=37	JOFF=0.000	RIGID=1.0		288	J= 62, 230	Sec=17	IOFF=1.300
I=0.53983161, 0.77511064	109 J=110, 111	Sec=10	213 J=192, 80		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name= 16 Mat= 16 A=0.34275	110 J=111, 112	Sec=35	JOFF=1.300	RIGID=1.0		289	J=230, 118	Sec=17	IOFF=0.000
I=0.33647143, 0.69636320	111 J=113, 114	Sec=20	214 J= 25, 193		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 17 Mat= 17 A=0.02100	112 J=114, 115	Sec=8	JOFF=0.000	RIGID=1.0		290	J= 63, 231	Sec=17	IOFF=1.300
I=0.00623270, 0.00004512	113 J=115, 116	Sec=22	215 J=193, 81		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name= 18 Mat= 18 A=0.01400	114 J=116, 117	Sec= 3	JOFF=1.300	RIGID=1.0		291	J=231, 119	Sec=17	IOFF=0.000
I=0.00141087, 0.00004507	115 J=117, 118	Sec= 3	216 J= 26, 194		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 19 Mat= 19 A=0.00000	116 J=118, 119	Sec= 3	JOFF=0.000	RIGID=1.0		292	J= 64, 232	Sec=17	IOFF=1.300
I=10.00000000, 10.00000000	117 J=119, 120	Sec= 3	217 J=194, 82		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name= 20 Type=Nonpr Sec= 1, 2	118 J=120, 121	Sec= 8	JOFF=1.300	RIGID=1.0		293	J=232, 120	Sec=17	IOFF=0.000
Elvar=2,1	119 J=121, 122	Sec=26	218 J= 27, 195		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 21 Type=Nonpr Sec= 2, 1	120 J=122, 123	Sec=29	JOFF=0.000	RIGID=1.0		294	J= 65, 233	Sec=17	IOFF=1.300
Name= 22 Type=Nonpr Sec= 2, 3	121 J=123, 124	Sec=31	219 J=195, 83		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name= 23 Type=Nonpr Sec= 2, 4	122 J=124, 125	Sec=32	JOFF=1.300	RIGID=1.0		295	J=233, 121	Sec=17	IOFF=0.000
Name= 24 Type=Nonpr Sec= 3, 2	123 J=125, 126	Sec=30	220 J= 28, 196		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 25 Type=Nonpr Sec= 4, 3	124 J=126, 127	Sec=27	JOFF=0.000	RIGID=1.0		296	J= 66, 234	Sec=17	IOFF=1.300
Name= 26 Type=Nonpr Sec= 4, 5	125 J=127, 128	Sec=27	221 J=196, 84		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name= 27 Type=Nonpr Sec= 4, 8	126 J=128, 129	Sec= 8	JOFF=1.300	RIGID=1.0		297	J=234, 122	Sec=17	IOFF=0.000
Name= 28 Type=Nonpr Sec= 5, 4	127 J=129, 130	Sec= 8	222 J= 29, 197		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 29 Type=Nonpr Sec= 5, 6	128 J=130, 131	Sec= 8	JOFF=0.000	RIGID=1.0		298	J= 67, 235	Sec=17	IOFF=1.300
Name= 30 Type=Nonpr Sec= 6, 5	129 J=131, 132	Sec=33	223 J=197, 85		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name= 31 Type=Nonpr Sec= 6, 7	130 J=132, 133	Sec=26	JOFF=1.300	RIGID=1.0		299	J=235, 123	Sec=17	IOFF=0.000
Name= 32 Type=Nonpr Sec= 7, 6	131 J=133, 134	Sec=29	224 J= 30, 198		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 33 Type=Nonpr Sec= 8, 4	132 J=134, 135	Sec=31	JOFF=0.000	RIGID=1.0		300	J= 68, 236	Sec=17	IOFF=1.300
Name= 34 Type=Nonpr Sec= 9, 10	133 J=135, 136	Sec=32	225 J=198, 86		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name= 35 Type=Nonpr Sec= 10, 9	134 J=136, 137	Sec=30	JOFF=1.300	RIGID=1.0		301	J=236, 124	Sec=17	IOFF=0.000
Name= 36 Type=Nonpr Sec= 10, 11	135 J=137, 138	Sec=28	226 J= 31, 199		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 37 Type=Nonpr Sec= 11, 10	136 J=138, 139	Sec=21	JOFF=0.000	RIGID=1.0		302	J= 69, 237	Sec=17	IOFF=1.300
Name= 38 Type=Nonpr Sec= 11, 12	137 J=139, 140	Sec= 6	227 J=199, 87		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
Name= 39 Type=Nonpr Sec= 12, 11	138 J=140, 141	Sec= 8	JOFF=1.300	RIGID=1.0		303	J=237, 125	Sec=17	IOFF=0.000
Name= 40 Type=Nonpr Sec= 12, 13	139 J=141, 142	Sec= 8	228 J= 32, 200		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 41 Type=Nonpr Sec= 12, 16	140 J=142, 143	Sec=33	JOFF=0.000	RIGID=1.0		304	J= 70, 238	Sec=17	IOFF=1.300
Name= 42 Type=Nonpr Sec= 13, 12	141 J=143, 144	Sec=26	229 J=200, 88		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
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Name= 44 Type=Nonpr Sec= 14, 13	143 J=145, 146	Sec=31	230 J= 33, 201		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
Name= 45 Type=Nonpr Sec= 14, 15	144 J=146, 147	Sec=32	JOFF=0.000	RIGID=1.0		306	J= 71, 239	Sec=17	IOFF=1.300
Name= 46 Type=Nonpr Sec= 15, 14	145 J=147, 148	Sec=30	231 J=201, 89		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
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	147 J=149, 150	Sec=27	232 J= 34, 202		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
	148 J=150, 151	Sec= 8	JOFF=0.000	RIGID=1.0		308	J= 72, 240	Sec=17	IOFF=1.300
	149 J=151, 152	Sec= 8	233 J=202, 90		Sec=17	IOFF=0.000	JOFF=0.000	RIGID=1.0	
	150 J=152, 153	Sec= 8	JOFF=1.300	RIGID=1.0		309	J=240, 128	Sec=17	IOFF=0.000
	151 J=153, 154	Sec=33	234 J= 35, 203		Sec=17	IOFF=1.300	JOFF=1.300	RIGID=1.0	
	152 J=154, 155								

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337 J=254, 142 Sec=17 IOFF=0.000
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342 J= 89, 257 Sec=17 IOFF=1.300
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344 J= 90, 258 Sec=17 IOFF=1.300
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513 J=124, 294 Sec=19
514 J=135, 295 Sec=19
515 J=146, 296 Sec=19
516 J=157, 297 Sec=19
517 J=168, 298 Sec=19

LOAD
Name=-P1 : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=281 Uz=-0.010
Add=287 Uz=-0.010
Add=293 Uz=-0.010
Name=-P2 : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=282 Uz=-0.010
Add=288 Uz=-0.010
Add=294 Uz=-0.010
Name=-P3 : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=283 Uz=-0.010
Add=289 Uz=-0.010
Add=295 Uz=-0.010
Name=-P4 : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=284 Uz=-0.010
Add=290 Uz=-0.010
Add=296 Uz=-0.010
Name=-P5 : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=285 Uz=-0.010
Add=291 Uz=-0.010
Add=297 Uz=-0.010
Name=-P6 : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=286 Uz=-0.010
Add=292 Uz=-0.010
Add=298 Uz=-0.010
Name=-2N+1- : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=281 Uz=-0.010
Add=287 Uz=-0.010
Add=293 Uz=-0.010
Add=283 Uz=-0.010
Add=289 Uz=-0.010
Add=295 Uz=-0.010
Add=285 Uz=-0.010
Add=291 Uz=-0.010
Add=297 Uz=-0.010
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Type=RESTRAINT DISPLACEMENT
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Add=284 Uz=-0.010
Add=290 Uz=-0.010
Add=286 Uz=-0.010
Add=292 Uz=-0.010
Add=298 Uz=-0.010

COMBO

Name=SETTLE Type=ENVE ;
LOAD=-P1 sf=1.000
LOAD=-P2 sf=1.000
LOAD=-P3 sf=1.000
LOAD=-P4 sf=1.000
LOAD=-P5 sf=1.000
LOAD=-P6 sf=1.000
LOAD=-2N+1- sf=1.000
LOAD=-2N+2- sf=1.000

OUTPUT
Elem=Joint Type=Disp,REAC Load=+
Comb=+
Elem=Frame Type=Force Load=+
Comb=+

■ 청도1교 부산방향(S11~S15)

상부 input

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

SYSTEM
LENGTH=M FORCE=KN

```
JOINT
1  X= 0.000    Y=0.000    Z=0.000
2  X= 4.455    Y=0.554    Z=0.000
3  X= 9.407    Y=1.147    Z=0.000
4  X= 14.362    Y=1.715    Z=0.000
5  X= 19.320    Y=2.257    Z=0.000
6  X= 24.281    Y=2.776    Z=0.000
7  X= 29.244    Y=3.269    Z=0.000
8  X= 34.209    Y=3.737    Z=0.000
9  X= 39.177    Y=4.181    Z=0.000
10 X= 44.147    Y=4.600    Z=0.000
11 X= 47.628    Y=4.878    Z=0.000
12 X= 52.601    Y=5.255    Z=0.000
13 X= 57.576    Y=5.607    Z=0.000
14 X= 62.553    Y=5.935    Z=0.000
15 X= 67.532    Y=6.235    Z=0.000
16 X= 72.511    Y=6.512    Z=0.000
17 X= 77.493    Y=6.764    Z=0.000
18 X= 82.475    Y=6.992    Z=0.000
19 X= 87.459    Y=7.194    Z=0.000
20 X= 92.443    Y=7.371    Z=0.000
21 X= 95.933    Y=7.481    Z=0.000
22 X= 99.423    Y=7.578    Z=0.000
23 X= 104.409    Y=7.695    Z=0.000
24 X= 109.396    Y=7.788    Z=0.000
25 X= 114.383    Y=7.856    Z=0.000
26 X= 119.370    Y=7.898    Z=0.000
27 X= 124.358    Y=7.916    Z=0.000
28 X= 129.346    Y=7.909    Z=0.000
29 X= 134.333    Y=7.877    Z=0.000
30 X= 139.321    Y=7.820    Z=0.000
31 X= 144.307    Y=7.738    Z=0.000
32 X= 147.798    Y=7.666    Z=0.000
33 X= 151.288    Y=7.581    Z=0.000
34 X= 156.274    Y=7.440    Z=0.000
35 X= 161.259    Y=7.273    Z=0.000
36 X= 166.243    Y=7.081    Z=0.000
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42 X= 196.121    Y=5.408    Z=0.000
43 X= 199.603    Y=5.155    Z=0.000
44 X= 204.576    Y=4.772    Z=0.000
45 X= 209.547    Y=4.363    Z=0.000
46 X= 214.515    Y=3.930    Z=0.000
47 X= 219.482    Y=3.472    Z=0.000
48 X= 224.446    Y=2.990    Z=0.000
49 X= 229.408    Y=2.482    Z=0.000
50 X= 234.367    Y=1.950    Z=0.000
51 X= 239.324    Y=1.393    Z=0.000
52 X= 244.277    Y=0.811    Z=0.000
53 X= 249.228    Y=0.204    Z=0.000
54 X= 250.712    Y=0.018    Z=0.000
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147 X= 180.524    Y=-5.513    Z=-0.713
148 X= 185.443    Y=-5.800    Z=-0.713
149 X= 190.362    Y=-6.113    Z=-0.713
150 X= 195.278    Y=-6.450    Z=-0.713
151 X= 198.719    Y=-6.700    Z=-0.713
152 X= 203.632    Y=-7.079    Z=-0.713
153 X= 208.544    Y=-7.482    Z=-0.713
154 X= 213.454    Y=-7.910    Z=-0.713
155 X= 218.361    Y=-8.363    Z=-0.713
156 X= 223.266    Y=-8.839    Z=-0.713
157 X= 228.169    Y=-9.341    Z=-0.713
158 X= 233.069    Y=-9.867    Z=-0.713
159 X= 237.966    Y=-10.417    Z=-0.713
160 X= 242.861    Y=-10.992    Z=-0.713
161 X= 247.752    Y=-11.592    Z=-0.713
162 X= 249.219    Y=-11.776    Z=-0.713
163 X= 0.374    Y=-2.948    Z=-0.178
164 X= 4.815    Y=-2.396    Z=-0.178
165 X= 9.752    Y=-1.805    Z=-0.178
166 X= 14.693    Y=-1.239    Z=-0.178
167 X= 19.636    Y=-0.698    Z=-0.178
168 X= 24.582    Y=-0.181    Z=-0.178
169 X= 29.530    Y=0.311    Z=-0.178
170 X= 34.481    Y=0.778    Z=-0.178
171 X= 39.434    Y=1.220    Z=-0.178
172 X= 44.389    Y=1.638    Z=-0.178
173 X= 47.859    Y=1.915    Z=-0.178
174 X= 52.818    Y=2.291    Z=-0.178
175 X= 57.778    Y=2.641    Z=-0.178
176 X= 62.740    Y=2.967    Z=-0.178
177 X= 67.704    Y=3.268    Z=-0.178
178 X= 72.669    Y=3.544    Z=-0.178
179 X= 77.636    Y=3.796    Z=-0.178
180 X= 82.603    Y=4.022    Z=-0.178
181 X= 87.572    Y=4.224    Z=-0.178
182 X= 92.541    Y=4.401    Z=-0.178
183 X= 96.021    Y=4.510    Z=-0.178
184 X= 99.500    Y=4.607    Z=-0.178
185 X= 104.472    Y=4.724    Z=-0.178
186 X= 109.444    Y=4.816    Z=-0.178
187 X= 114.416    Y=4.884    Z=-0.178
188 X= 119.389    Y=4.926    Z=-0.178
189 X= 124.361    Y=4.944    Z=-0.178
190 X= 129.334    Y=4.937    Z=-0.178
191 X= 134.307    Y=4.905    Z=-0.178
192 X= 139.279    Y=4.848    Z=-0.178
193 X= 144.251    Y=4.766    Z=-0.178
194 X= 147.731    Y=4.695    Z=-0.178
195 X= 156.121    Y=4.610    Z=-0.178
196 X= 156.182    Y=4.469    Z=-0.178
197 X= 161.152    Y=4.303    Z=-0.178
198 X= 166.121    Y=4.112    Z=-0.178
199 X= 171.089    Y=3.896    Z=-0.178
200 X= 176.056    Y=3.655    Z=-0.178
201 X= 181.022    Y=3.390    Z=-0.178
202 X= 185.986    Y=3.099    Z=-0.178
203 X= 190.949    Y=2.784    Z=-0.178
204 X= 195.910    Y=2.444    Z=-0.178
205 X= 199.382    Y=2.191    Z=-0.178
206 X= 204.340    Y=1.809    Z=-0.178
207 X= 209.296    Y=1.402    Z=-0.178
208 X= 214.250    Y=0.970    Z=-0.178
209 X= 219.202    Y=0.514    Z=-0.178
210 X= 224.151    Y=0.032    Z=-0.178
211 X= 229.098    Y=-0.474    Z=-0.178
212 X= 234.043    Y=-1.004    Z=-0.178
213 X= 238.994    Y=-1.560    Z=-0.178
214 X= 243.923    Y=-2.140    Z=-0.178
215 X= 248.859    Y=-2.745    Z=-0.178
216 X= 250.339    Y=-2.931    Z=-0.178
217 X= 1.121    Y=-8.845    Z=-0.535
218 X= 5.536    Y=-8.296    Z=-0.535
219 X= 10.444    Y=-7.709    Z=-0.535
220 X= 15.355    Y=-7.146    Z=-0.535
221 X= 20.268    Y=-6.608    Z=-0.535
222 X= 25.185    Y=-6.094    Z=-0.535
223 X= 30.104    Y=-5.606    Z=-0.535
224 X= 35.025    Y=-5.141    Z=-0.535
225 X= 39.946    Y=-4.702    Z=-0.535
226 X= 44.874    Y=-4.286    Z=-0.535
227 X= 48.323    Y=-4.011    Z=-0.535
228 X= 53.252    Y=-3.637    Z=-0.535
229 X= 58.183    Y=-3.289    Z=-0.535
230 X= 63.115    Y=-2.965    Z=-0.535
231 X= 68.049    Y=-2.666    Z=-0.535
232 X= 72.984    Y=-2.391    Z=-0.535
233 X= 77.921    Y=-2.141    Z=-0.535
234 X= 82.859    Y=-1.916    Z=-0.535
235 X= 87.798    Y=-1.716    Z=-0.535
236 X= 92.738    Y=-1.540    Z=-0.535
237 X= 96.196    Y=-1.432    Z=-0.535
238 X= 99.655    Y=-1.335    Z=-0.535
239 X= 104.597    Y=-1.219    Z=-0.535
240 X= 109.539    Y=-1.127    Z=-0.535
241 X= 114.482    Y=-1.060    Z=-0.535
242 X= 119.425    Y=-1.018    Z=-0.535
243 X= 124.368    Y=-1.000    Z=-0.535
244 X= 129.311    Y=-1.007    Z=-0.535
245 X= 134.254    Y=-1.039    Z=-0.535
246 X= 139.196    Y=-1.095    Z=-0.535
247 X= 144.139    Y=-1.176    Z=-0.535
248 X= 147.598    Y=-1.248    Z=-0.535
249 X= 151.057    Y=-1.332    Z=-0.535
250 X= 155.998    Y=-1.472    Z=-0.535
251 X= 160.939    Y=-1.637    Z=-0.535
252 X= 165.878    Y=-1.827    Z=-0.535
253 X= 170.816    Y=-2.042    Z=-0.535
254 X= 175.754    Y=-2.281    Z=-0.535
255 X= 180.690    Y=-2.545    Z=-0.535
256 X= 185.624    Y=-2.834    Z=-0.535
257 X= 190.557    Y=-3.147    Z=-0.535
258 X= 195.489    Y=-3.485    Z=-0.535
259 X= 198.940    Y=-3.736    Z=-0.535
260 X= 203.868    Y=-4.116    Z=-0.535
261 X= 208.795    Y=-4.521    Z=-0.535
262 X= 213.719    Y=-4.950    Z=-0.535
263 X= 218.641    Y=-5.404    Z=-0.535
264 X= 223.561    Y=-5.882    Z=-0.535
265 X= 228.479    Y=-6.385    Z=-0.535
266 X= 233.393    Y=-6.913    Z=-0.535
267 X= 238.306    Y=-7.465    Z=-0.535
268 X= 243.215    Y=-8.041    Z=-0.535
269 X= 248.121    Y=-8.643    Z=-0.535
270 X= 249.592    Y=-8.828    Z=-0.535
271 X= 0.000    Y=0.000    Z=-1.100
272 X= 44.147    Y=-4.600    Z=-1.200
273 X= 95.933    Y=7.481    Z=-1.200
274 X= 147.798    Y=7.666    Z=-1.200
275 X= 199.603    Y=5.155    Z=-1.200
276 X= 250.712    Y=0.018    Z=-1.100
277 X= 0.747    Y=-5.897    Z=-1.457
278 X= 44.632    Y=-1.324    Z=-1.557
279 X= 96.109    Y=1.539    Z=-1.557
280 X= 147.665    Y=1.723    Z=-1.557
281 X= 199.161    Y=0.773    Z=-1.557
282 X= 249.966    Y=-5.879    Z=-1.457
283 X= 1.495    Y=-11.794    Z=-1.813
284 X= 43.116    Y=-7.249    Z=-1.913
285 X= 96.284    Y=-4.402    Z=-1.913
286 X= 147.531    Y=-4.219    Z=-1.913
287 X= 198.719    Y=-6.700    Z=-1.913
288 X= 249.219    Y=-11.776    Z=-1.813
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ADD= 272    ANG=-3.184
ADD= 273    ANG=-1.594
ADD= 274    ANG=0.205
ADD= 275    ANG=-2.001
ADD= 276    ANG=-0.564
ADD= 277    ANG=-4.459
ADD= 278    ANG=-3.184
ADD= 279    ANG=-1.594
ADD= 280    ANG=0.205
ADD= 281    ANG=-1.285
ADD= 282    ANG=-2.761
ADD= 283    ANG=-8.021
ADD= 284    ANG=-9.778
ADD= 285    ANG=-1.594
ADD= 286    ANG=-6.389
ADD= 287    ANG=-4.591
ADD= 288    ANG=-4.970
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RESTRAINT
ADD= 271    DOF=    U2, U3,
ADD= 272    DOF=    U2, U3,
ADD= 273    DOF= U1, U2, U3,
ADD= 274    DOF=    U2, U3,
ADD= 275    DOF=    U2, U3,
ADD= 276    DOF=    U2, U3,
ADD= 277    DOF=    U2, U3,
ADD= 278    DOF=    U2, U3,
ADD= 279    DOF= U1, U2, U3,
ADD= 280    DOF=    U2, U3,
ADD= 281    DOF=    U2, U3,
ADD= 282    DOF=    U2, U3,
ADD= 283    DOF=    U2, U3,
ADD= 284    DOF=    U3,
ADD= 285    DOF= U1,    U3,
ADD= 286    DOF=    U3,
ADD= 287    DOF=    U3,
ADD= 288    DOF=    U3,
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Name=2
E=2.1e+008
Name=3
E=2.1e+008
Name=4
E=2.1e+008
Name=5
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Name=6
E=2.1e+008
Name=7
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Name=9
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Name=11
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Name=12
E=2.1e+008
Name=13
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FRAME SECTION
Name=1    Mat= 1    A=0.14100    I=0.12507501, 0.13396221
J=0.16608122
Name= 2    Mat= 2    A=0.14580    I=0.15139191, 0.14214932
J=0.18961058
Name= 3    Mat= 3    A=0.16260    I=0.17066061, 0.15312532
J=0.20797997
Name= 4    Mat= 4    A=0.17100    I=0.18501549, 0.15312532
J=0.20797997
Name= 5    Mat= 5    A=0.18780    I=0.21225267, 0.16410132
J=0.23016880
Name= 6    Mat= 6    A=0.21300    I=0.25127876, 0.18605332
J=0.25937720
Name= 7    Mat= 7    A=0.25620    I=0.30654333, 0.22455543
J=0.30953142
Name= 8    Mat= 8    A=0.22980    I=0.27644864, 0.19702932
J=0.26773504
Name= 9    Mat= 9    A=0.20460    I=0.23524227, 0.17507732
J=0.23297076
Name= 10    Mat= 10    A=0.15700    I=0.16791494, 0.14946666
J=0.20507485
Name= 11    Mat= 11    A=0.02100    I=0.00623270, 0.00004512
J=0.00000070
Name= 12    Mat= 12    A=0.01400    I=0.00141087, 0.00004507
J=0.00000047
Name= 13    Mat= 13    A=10.00000    I=10.00000000,
10.00000000
J=10.00000000
Name= 14    Type=Nonpr    Sec= 1,    2    Elvar=2.1
Name= 15    Type=Nonpr    Sec= 2,    1
Name= 16    Type=Nonpr    Sec= 2,    3
Name= 17    Type=Nonpr    Sec= 2,    5
Name= 18    Type=Nonpr    Sec= 3,    2
Name= 19    Type=Nonpr    Sec= 3,    4
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Name= 24    Type=Nonpr    Sec= 5,    6
Name= 25    Type=Nonpr    Sec= 5,    9
Name= 26    Type=Nonpr    Sec= 5,    10
Name= 27    Type=Nonpr    Sec= 6,    5
Name= 28    Type=Nonpr    Sec= 6,    7
Name= 29    Type=Nonpr    Sec= 7,    6
Name= 30    Type=Nonpr    Sec= 7,    8
Name= 31    Type=Nonpr    Sec= 8,    7
Name= 32    Type=Nonpr    Sec= 8,    9
Name= 33    Type=Nonpr    Sec= 9,    5
Name= 34    Type=Nonpr    Sec= 9,    8
Name= 35    Type=Nonpr    Sec= 10,    5
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FRAME
1 J= 1,    2    Sec=14    Local=12    Pldir=+Z,+X    NSEG=4
2 J= 2,    3    Sec=16
3 J= 3,    4    Sec= 3
4 J= 4,    5    Sec= 2
5 J= 5,    6    Sec= 3
6 J= 6,    7    Sec=19
7 J= 7,    8    Sec=21
8 J= 8,    9    Sec=24
9 J= 9,    10    Sec=28
10 J= 10,    11    Sec=30
11 J= 11,    12    Sec=32
12 J= 12,    13    Sec=33
13 J= 13,    14    Sec=26
14 J= 14,    15    Sec=10
15 J= 15,    16    Sec=10
16 J= 16,    17    Sec=10
17 J= 17,    18    Sec=35
18 J= 18,    19    Sec=25
19 J= 19,    20    Sec=34
20 J= 20,    21    Sec=31
21 J= 21,    22    Sec=30
22 J= 22,    23    Sec=32
23 J= 23,    24    Sec=33
24 J= 24,    25    Sec=22
25 J= 25,    26    Sec= 2
26 J= 26,    27    Sec= 2
27 J= 27,    28    Sec= 2
28 J= 28,    29    Sec=17
29 J= 29,    30    Sec=25
30 J= 30,    31    Sec=34
31 J= 31,    32    Sec=31
32 J= 32,    33    Sec=30
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33	J= 33,	34	Sec=32	176	J= 9, 171	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	252	J= 47,	209	Sec=11	IOFF=1.300	JOFF=0.000
34	J= 34, 35	Sec=33	177	J=171,	63	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	253	J=209,	101	Sec=11	IOFF=0.000	JOFF=1.300
35	J= 35, 36	Sec=22	178	J= 10,	172	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	254	J= 48,	210	Sec=11	IOFF=1.300	JOFF=0.000
36	J= 36, 37	Sec= 2	179	J=172,	64	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	255	J=210,	102	Sec=11	IOFF=0.000	JOFF=1.300
37	J= 37, 38	Sec= 2	180	J= 11,	173	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	256	J= 49,	211	Sec=11	IOFF=1.300	JOFF=0.000
38	J= 38, 39	Sec= 2	181	J=173,	65	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	257	J=211,	103	Sec=11	IOFF=0.000	JOFF=1.300
39	J= 39, 40	Sec=17	182	J= 12,	174	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	258	J= 50,	212	Sec=11	IOFF=1.300	JOFF=0.000
40	J= 40, 41	Sec=25	183	J=174,	66	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	259	J=212,	104	Sec=11	IOFF=0.000	JOFF=1.300
41	J= 41, 42	Sec=34	184	J= 13,	175	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	260	J= 51,	213	Sec=11	IOFF=1.300	JOFF=0.000
42	J= 42, 43	Sec=11	185	J=175,	67	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	261	J=213,	105	Sec=11	IOFF=0.000	JOFF=1.300
43	J= 43, 44	Sec=29	186	J= 14,	176	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	262	J= 52,	214	Sec=11	IOFF=1.300	JOFF=0.000
44	J= 44, 45	Sec=27	187	J=176,	68	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	263	J=214,	106	Sec=11	IOFF=0.000	JOFF=1.300
45	J= 45, 46	Sec=23	188	J= 15,	177	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	264	J= 53,	215	Sec=11	IOFF=1.300	JOFF=0.000
46	J= 46, 47	Sec=20	189	J=177,	69	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	265	J=215,	107	Sec=11	IOFF=0.000	JOFF=1.300
47	J= 47, 48	Sec= 3	190	J= 16,	178	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	266	J= 54,	216	Sec=11	IOFF=1.300	JOFF=0.000
48	J= 48, 49	Sec= 3	191	J=178,	70	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	267	J=216,	108	Sec=11	IOFF=0.000	JOFF=1.300
49	J= 49, 50	Sec= 3	192	J= 17,	179	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	268	J= 55,	217	Sec=11	IOFF=1.300	JOFF=0.000
50	J= 50, 51	Sec= 3	193	J=179,	71	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	269	J=217,	109	Sec=11	IOFF=0.000	JOFF=1.300
51	J= 51, 52	Sec=18	194	J= 18,	180	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	270	J= 56,	218	Sec=11	IOFF=1.300	JOFF=0.000
52	J= 52, 53	Sec=15	195	J=180,	72	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	271	J=218,	110	Sec=11	IOFF=0.000	JOFF=1.300
53	J= 53, 54	Sec= 1	196	J= 19,	181	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	272	J= 57,	219	Sec=11	IOFF=1.300	JOFF=0.000
54	J= 55, 56	Sec=14	197	J=181,	73	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	273	J=219,	111	Sec=11	IOFF=0.000	JOFF=1.300
55	J= 56, 57	Sec=16	198	J= 20,	182	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	274	J= 58,	220	Sec=11	IOFF=1.300	JOFF=0.000
56	J= 57, 58	Sec= 3	199	J=182,	74	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	275	J=220,	112	Sec=11	IOFF=0.000	JOFF=1.300
57	J= 58, 59	Sec= 3	200	J= 21,	183	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	276	J= 59,	221	Sec=11	IOFF=1.300	JOFF=0.000
58	J= 59, 60	Sec=19	201	J=183,	75	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	277	J=221,	113	Sec=11	IOFF=0.000	JOFF=1.300
59	J= 60, 61	Sec=13	202	J= 22,	184	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	278	J= 60,	222	Sec=11	IOFF=1.300	JOFF=0.000
60	J= 61, 62	Sec=21	203	J=184,	76	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	279	J=222,	114	Sec=11	IOFF=0.000	JOFF=1.300
61	J= 62, 63	Sec=24	204	J= 23,	185	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	280	J= 61,	223	Sec=11	IOFF=1.300	JOFF=0.000
62	J= 63, 64	Sec=28	205	J=185,	77	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	281	J=223,	115	Sec=11	IOFF=0.000	JOFF=1.300
63	J= 64, 65	Sec=30	206	J= 24,	186	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	282	J= 62,	224	Sec=11	IOFF=1.300	JOFF=0.000
64	J= 65, 66	Sec=32	207	J=186,	78	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	283	J=224,	116	Sec=11	IOFF=0.000	JOFF=1.300
65	J= 66, 67	Sec=33	208	J= 25,	187	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	284	J= 63,	225	Sec=11	IOFF=1.300	JOFF=0.000
66	J= 67, 68	Sec=26	209	J=187,	79	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	285	J=225,	117	Sec=11	IOFF=0.000	JOFF=1.300
67	J= 68, 69	Sec=10	210	J= 26,	188	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	286	J= 64,	226	Sec=11	IOFF=1.300	JOFF=0.000
68	J= 69, 70	Sec=10	211	J=188,	80	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	287	J=226,	118	Sec=11	IOFF=0.000	JOFF=1.300
69	J= 70, 71	Sec=10	212	J= 27,	189	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	288	J= 65,	227	Sec=11	IOFF=1.300	JOFF=0.000
70	J= 71, 72	Sec=35	213	J=189,	81	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	289	J=227,	119	Sec=11	IOFF=0.000	JOFF=1.300
71	J= 72, 73	Sec=25	214	J= 28,	190	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	290	J= 66,	228	Sec=11	IOFF=1.300	JOFF=0.000
72	J= 73, 74	Sec=34	215	J=190,	82	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	291	J=228,	120	Sec=11	IOFF=0.000	JOFF=1.300
73	J= 74, 75	Sec=31	216	J= 29,	191	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	292	J= 67,	229	Sec=11	IOFF=1.300	JOFF=0.000
74	J= 75, 76	Sec=30	217	J=191,	83	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	293	J=229,	121	Sec=11	IOFF=0.000	JOFF=1.300
75	J= 76, 77	Sec=32	218	J= 30,	192	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	294	J= 68,	230	Sec=11	IOFF=1.300	JOFF=0.000
76	J= 77, 78	Sec=33	219	J=192,	84	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	295	J=230,	122	Sec=11	IOFF=0.000	JOFF=1.300
77	J= 78, 79	Sec=22	220	J= 31,	193	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	296	J= 69,	231	Sec=11	IOFF=1.300	JOFF=0.000
78	J= 79, 80	Sec= 2	221	J=193,	85	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	297	J=231,	123	Sec=11	IOFF=0.000	JOFF=1.300
79	J= 80, 81	Sec= 2	222	J= 32,	194	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	298	J= 70,	232	Sec=11	IOFF=1.300	JOFF=0.000
80	J= 81, 82	Sec= 2	223	J=194,	86	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	299	J=232,	124	Sec=11	IOFF=0.000	JOFF=1.300
81	J= 82, 83	Sec=17	224	J= 33,	195	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	300	J= 71,	233	Sec=11	IOFF=1.300	JOFF=0.000
82	J= 83, 84	Sec=25	225	J=195,	87	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	301	J=233,	125	Sec=11	IOFF=0.000	JOFF=1.300
83	J= 84, 85	Sec=34	226	J= 34,	196	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	302	J= 72,	234	Sec=11	IOFF=1.300	JOFF=0.000
84	J= 85, 86	Sec=11	227	J=196,	88	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	303	J=234,	126	Sec=11	IOFF=0.000	JOFF=1.300
85	J= 86, 87	Sec=30	228	J= 35,	197	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	304	J= 73,	235	Sec=11	IOFF=1.300	JOFF=0.000
86	J= 87, 88	Sec=32	229	J=197,	89	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	305	J=235,	127	Sec=11	IOFF=0.000	JOFF=1.300
87	J= 88, 89	Sec=33	230	J= 36,	198	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	306	J= 74,	236	Sec=11	IOFF=1.300	JOFF=0.000
88	J= 89, 90	Sec=22	231	J=198,	90	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	307	J=236,	128	Sec=11	IOFF=0.000	JOFF=1.300
89	J= 90, 91	Sec= 2	232	J= 37,	199	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	308	J= 75,	237	Sec=11	IOFF=1.300	JOFF=0.000
90	J= 91, 92	Sec= 2	233	J=199,	91	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	309	J=237,	129	Sec=11	IOFF=0.000	JOFF=1.300
91	J= 92, 93	Sec= 2	234	J= 38,	200	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	310	J= 76,	238	Sec=11	IOFF=1.300	JOFF=0.000
92	J= 93, 94	Sec=17	235	J=200,	92	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	311	J=238,	130	Sec=11	IOFF=0.000	JOFF=1.300
93	J= 94, 95	Sec=25	236	J= 39,	201	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	312	J= 77,	239	Sec=11	IOFF=1.300	JOFF=0.000
94	J= 95, 96	Sec=34	237	J=201,	93	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	313	J=239,	131	Sec=11	IOFF=0.000	JOFF=1.300
95	J= 96, 97	Sec=34	238	J= 40,	202	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	314	J= 78,	240	Sec=11	IOFF=1.300	JOFF=0.000
96	J= 97, 98	Sec=29	239	J=202,	94	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	315	J=240,	132	Sec=11	IOFF=0.000	JOFF=1.300
97	J= 98, 99	Sec=27	240	J= 41,	203	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	316	J= 79,	241	Sec=11	IOFF=1.300	JOFF=0.000
98	J= 99, 100	Sec=23	241	J=203,	95	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	317	J=241,	133	Sec=11	IOFF=0.000	JOFF=1.300
99	J=100, 101	Sec=20	242	J= 42,	204	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	318	J= 80,	242	Sec=11	IOFF=1.300	JOFF=0.000
100	J=101, 102	Sec=20	243	J=204,	96	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	319	J=242,	134	Sec=11	IOFF=0.000	JOFF=1.300
101	J=102, 103	Sec= 3	244	J= 43,	205	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	320	J= 81,	243	Sec=11	IOFF=1.300	JOFF=0.000
102	J=103, 104	Sec= 3	245	J=205,	97	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	321	J=243,	135	Sec=11	IOFF=0.000	JOFF=1.300
103	J=104, 105	Sec= 3	246	J= 44,	206	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	322	J= 82,	244	Sec=11	IOFF=1.300	JOFF=0.000
104	J=105, 106	Sec=18	247	J=206,	98	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	323	J=244,	136	Sec=11	IOFF=0.000	JOFF=1.300
105	J=106, 107	Sec=15	248	J= 45,	207	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	324	J= 83,	245	Sec=11	IOFF=1.300	JOFF=0.000
106	J=107, 108	Sec= 1	249	J=207,	99	Sec=11	IOFF=0.000	JOFF=1.300	RIGID=1.0	325	J=245,	137	Sec=11	IOFF=0.000	JOFF=1.300
107	J=109, 110	Sec=14	250	J= 46,	208	Sec=11	IOFF=1.300	JOFF=0.000	RIGID=1.0	326	J= 84,	246	Sec=11	IOFF=1.300	JOFF=0.000

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431	J=219,	220	Sec=12
432	J=220,	221	Sec=12
433	J=221,	222	Sec=12
434	J=222,	223	Sec=12
435	J=223,	224	Sec=12
436	J=224,	225	Sec=12
437	J=225,	226	Sec=12
438	J=226,	227	Sec=12
439	J=227,	228	Sec=12
440	J=228,	229	Sec=12
441	J=229,	230	Sec=12
442	J=230,	231	Sec=12
443	J=231,	232	Sec=12
444	J=232,	233	Sec=12
445	J=233,	234	Sec=12
446	J=234,	235	Sec=12
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465	J=253,	254	Sec=12
466	J=254,	255	Sec=12
467	J=255,	256	Sec=12
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471	J=259,	260	Sec=12
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473	J=261,	262	Sec=12
474	J=262,	263	Sec=12
475	J=263,	264	Sec=12
476	J=264,	265	Sec=12
477	J=265,	266	Sec=12
478	J=266,	267	Sec=12
479	J=267,	268	Sec=12
480	J=268,	269	Sec=12
481	J=269,	270	Sec=12
482	J=	1, 271	Sec=13
483	J=	10, 272	Sec=13
484	J=	21, 273	Sec=13
485	J=	32, 274	Sec=13
486	J=	43, 275	Sec=13
487	J=	54, 276	Sec=13
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489	J=	76, 278	Sec=13
490	J=	87, 279	Sec=13
491	J=	98, 280	Sec=13
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494	J=	109, 283	Sec=13
495	J=	118, 284	Sec=13
496	J=	129, 285	Sec=13
497	J=	140, 286	Sec=13
498	J=	151, 287	Sec=13
499	J=	162, 288	Sec=13

LOAD

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Add=	2	RD=0.000,	1.000	Uzp=-15.882,-17.712
Add=	3	RD=0.000,	1.000	Uzp=-17.712,-17.712
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Add=	5	RD=0.000,	1.000	Uzp=-17.712,-17.712
Add=	6	RD=0.000,	1.000	Uzp=-17.712,-18.627
Add=	7	RD=0.000,	1.000	Uzp=-18.627,-20.457
Add=	8	RD=0.000,	1.000	Uzp=-20.457,-23.202
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Add=	11	RD=0.000,	1.000	Uzp=-25.032,-22.287
Add=	12	RD=0.000,	1.000	Uzp=-22.287,-20.457
Add=	13	RD=0.000,	1.000	Uzp=-20.457,-17.102
Add=	14	RD=0.000,	1.000	Uzp=-17.102,-17.102
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Add=	16	RD=0.000,	1.000	Uzp=-15.882,-20.457
Add=	17	RD=0.000,	1.000	Uzp=-17.102,-20.457
Add=	18	RD=0.000,	1.000	Uzp=-20.457,-22.287
Add=	19	RD=0.000,	1.000	Uzp=-22.287,-25.032
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Add=	21	RD=0.000,	1.000	Uzp=-27.908,-25.032
Add=	22	RD=0.000,	1.000	Uzp=-25.032,-22.287
Add=	23	RD=0.000,	1.000	Uzp

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Add=152	RD=0.000, 1.000	Uzpr=-20.457, -18

215 X= 248.859 Y=-2.745 Z=-0.178
216 X= 250.339 Y=-2.931 Z=-0.178
217 X= 1.121 Y=-8.845 Z=-0.535
218 X= 5.538 Y=-2.296 Z=-0.535
219 X= 10.444 Y=-7.709 Z=-0.535
220 X= 15.355 Y=-7.146 Z=-0.535
221 X= 20.268 Y=-6.608 Z=-0.535
222 X= 25.185 Y=-6.094 Z=-0.535
223 X= 30.104 Y=-5.606 Z=-0.535
224 X= 35.023 Y=-5.141 Z=-0.535
225 X= 39.948 Y=-4.702 Z=-0.535
226 X= 44.874 Y=-4.286 Z=-0.535
227 X= 48.323 Y=-4.011 Z=-0.535
228 X= 53.252 Y=-3.637 Z=-0.535
229 X= 58.183 Y=-3.289 Z=-0.535
230 X= 63.115 Y=-2.965 Z=-0.535
231 X= 68.049 Y=-2.666 Z=-0.535
232 X= 72.984 Y=-2.391 Z=-0.535
233 X= 77.921 Y=-2.141 Z=-0.535
234 X= 82.859 Y=-1.916 Z=-0.535
235 X= 87.798 Y=-1.716 Z=-0.535
236 X= 92.738 Y=-1.540 Z=-0.535
237 X= 96.196 Y=-1.432 Z=-0.535
238 X= 99.655 Y=-1.335 Z=-0.535
239 X= 104.597 Y=-1.219 Z=-0.535
240 X= 109.539 Y=-1.127 Z=-0.535
241 X= 114.482 Y=-1.060 Z=-0.535
242 X= 119.425 Y=-1.018 Z=-0.535
243 X= 124.368 Y=-1.000 Z=-0.535
244 X= 129.311 Y=-1.007 Z=-0.535
245 X= 134.254 Y=-1.039 Z=-0.535
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247 X= 144.139 Y=-1.176 Z=-0.535
248 X= 147.598 Y=-1.248 Z=-0.535
249 X= 151.057 Y=-1.332 Z=-0.535
250 X= 155.998 Y=-1.472 Z=-0.535
251 X= 160.939 Y=-1.637 Z=-0.535
252 X= 165.878 Y=-1.827 Z=-0.535
253 X= 170.816 Y=-2.042 Z=-0.535
254 X= 175.754 Y=-2.281 Z=-0.535
255 X= 180.690 Y=-2.545 Z=-0.535
256 X= 185.624 Y=-2.834 Z=-0.535
257 X= 190.557 Y=-3.147 Z=-0.535
258 X= 195.489 Y=-3.485 Z=-0.535
259 X= 198.940 Y=-3.736 Z=-0.535
260 X= 203.868 Y=-4.116 Z=-0.535
261 X= 208.795 Y=-4.521 Z=-0.535
262 X= 213.719 Y=-4.950 Z=-0.535
263 X= 218.641 Y=-5.404 Z=-0.535
264 X= 223.561 Y=-5.882 Z=-0.535
265 X= 228.479 Y=-6.305 Z=-0.535
266 X= 233.393 Y=-6.913 Z=-0.535
267 X= 238.306 Y=-7.465 Z=-0.535
268 X= 243.215 Y=-8.041 Z=-0.535
269 X= 248.121 Y=-8.643 Z=-0.535
270 X= 249.592 Y=-8.828 Z=-0.535
271 X= 0.000 Y=0.000 Z=-1.100
272 X= 44.147 Y=-4.600 Z=-1.200
273 X= 95.933 Y=7.481 Z=-1.200
274 X= 147.798 Y=7.666 Z=-1.200
275 X= 199.603 Y=5.155 Z=-1.200
276 X= 250.712 Y=0.018 Z=-1.100
277 X= 0.747 Y=-5.897 Z=-1.457
278 X= 44.632 Y=-1.324 Z=-1.557
279 X= 96.109 Y=1.539 Z=-1.557
280 X= 147.665 Y=1.723 Z=-1.557
281 X= 199.161 Y=-0.773 Z=-1.557
282 X= 249.966 Y=-5.879 Z=-1.457
283 X= 1.495 Y=-11.794 Z=-1.813
284 X= 45.116 Y=-7.249 Z=-1.913
285 X= 96.284 Y=-4.402 Z=-1.913
286 X= 147.531 Y=-4.219 Z=-1.913
287 X= 198.719 Y=-6.700 Z=-1.913
288 X= 249.219 Y=-11.776 Z=-1.813

LOCAL

ADD= 271 ANG=0.918
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RESTRAINT

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443	J=232,	233	Sec=22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Add=450 RD=0.000, 1.000 Uzp=-4.598, -4.598
Add=451 RD=0.000, 1.000 Uzp=-4.598, -4.598
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OUTPUT
Elem=Joint Type=Disp,REAC Load=* Comb=*
Elem=Frame Type=Force Load=* Comb=*

< MOVING LOAD >

SYSTEM
LENGTH=M FORCE=KN

JOINT

1 X= 0.000 Y=0.000 Z=0.000
2 X= 4.455 Y=0.554 Z=0.000
3 X= 9.407 Y=1.147 Z=0.000
4 X= 14.362 Y=1.715 Z=0.000
5 X= 19.320 Y=2.257 Z=0.000
6 X= 24.281 Y=2.776 Z=0.000
7 X= 29.244 Y=3.269 Z=0.000
8 X= 34.209 Y=3.738 Z=0.000
9 X= 39.177 Y=4.181 Z=0.000
10 X= 44.147 Y=4.600 Z=0.000
11 X= 47.628 Y=4.878 Z=0.000
12 X= 52.601 Y=5.255 Z=0.000
13 X= 57.576 Y=5.607 Z=0.000
14 X= 62.553 Y=5.933 Z=0.000
15 X= 67.532 Y=6.235 Z=0.000
16 X= 72.511 Y=6.512 Z=0.000
17 X= 77.493 Y=6.764 Z=0.000
18 X= 82.475 Y=6.992 Z=0.000
19 X= 87.459 Y=7.194 Z=0.000
20 X= 92.443 Y=7.371 Z=0.000
21 X= 95.933 Y=7.481 Z=0.000
22 X= 99.423 Y=7.578 Z=0.000
23 X= 104.409 Y=7.695 Z=0.000
24 X= 109.396 Y=7.788 Z=0.000
25 X= 114.383 Y=7.856 Z=0.000
26 X= 119.370 Y=7.898 Z=0.000
27 X= 124.358 Y=7.916 Z=0.000
28 X= 129.346 Y=7.909 Z=0.000
29 X= 134.333 Y=7.877 Z=0.000
30 X= 139.321 Y=7.820 Z=0.000
31 X= 144.307 Y=7.738 Z=0.000
32 X= 147.798 Y=7.666 Z=0.000
33 X= 151.288 Y=7.581 Z=0.000
34 X= 156.274 Y=7.440 Z=0.000
35 X= 161.259 Y=7.273 Z=0.000
36 X= 166.243 Y=7.081 Z=0.000
37 X= 171.226 Y=6.865 Z=0.000
38 X= 176.208 Y=6.623 Z=0.000
39 X= 181.188 Y=6.357 Z=0.000
40 X= 186.167 Y=6.066 Z=0.000
41 X= 191.145 Y=5.749 Z=0.000
42 X= 196.121 Y=5.408 Z=0.000
43 X= 199.603 Y=5.155 Z=0.000
44 X= 204.576 Y=4.772 Z=0.000
45 X= 209.547 Y=4.363 Z=0.000
46 X= 214.515 Y=3.930 Z=0.000
47 X= 219.482 Y=3.472 Z=0.000
48 X= 224.446 Y=2.990 Z=0.000
49 X= 229.408 Y=2.492 Z=0.000
50 X= 234.367 Y=1.950 Z=0.000
51 X= 239.324 Y=1.393 Z=0.000
52 X= 244.277 Y=0.811 Z=0.000
53 X= 249.228 Y=0.204 Z=0.000
54 X= 250.712 Y=-0.018 Z=0.000
55 X= 247.7 Y=-5.897 Z=-0.357
56 X= 5.175 Y=-5.346 Z=-0.357
57 X= 10.098 Y=-4.757 Z=-0.357
58 X= 15.024 Y=-4.192 Z=-0.357
59 X= 19.952 Y=-3.653 Z=-0.357
60 X= 24.883 Y=-3.138 Z=-0.357
61 X= 29.817 Y=-2.647 Z=-0.357
62 X= 34.753 Y=-2.182 Z=-0.357
63 X= 39.691 Y=-1.741 Z=-0.357
64 X= 44.632 Y=-1.324 Z=-0.357
65 X= 48.091 Y=-1.048 Z=-0.357
66 X= 53.035 Y=-0.673 Z=-0.357
67 X= 57.980 Y=-0.324 Z=-0.357
68 X= 62.928 Y=0.001 Z=-0.357
69 X= 67.877 Y=0.301 Z=-0.357
70 X= 72.827 Y=0.577 Z=-0.357
71 X= 77.778 Y=0.827 Z=-0.357
72 X= 82.731 Y=1.053 Z=-0.357
73 X= 87.685 Y=1.254 Z=-0.357
74 X= 92.640 Y=1.431 Z=-0.357
75 X= 96.109 Y=1.539 Z=-0.357
76 X= 99.578 Y=1.636 Z=-0.357
77 X= 104.534 Y=1.753 Z=-0.357
78 X= 109.491 Y=1.845 Z=-0.357
79 X= 114.449 Y=1.912 Z=-0.357
80 X= 119.407 Y=1.954 Z=-0.357
81 X= 124.364 Y=1.972 Z=-0.357
82 X= 129.322 Y=1.965 Z=-0.357
83 X= 134.280 Y=1.933 Z=-0.357
84 X= 139.238 Y=1.876 Z=-0.357
85 X= 144.195 Y=1.795 Z=-0.357
86 X= 147.665 Y=1.723 Z=-0.357
87 X= 151.134 Y=1.639 Z=-0.357
88 X= 156.090 Y=1.498 Z=-0.357
89 X= 161.045 Y=1.333 Z=-0.357
90 X= 166.000 Y=1.142 Z=-0.357
91 X= 170.953 Y=0.927 Z=-0.357
92 X= 175.905 Y=0.687 Z=-0.357
93 X= 180.856 Y=0.422 Z=-0.357
94 X= 185.805 Y=0.133 Z=-0.357
95 X= 190.753 Y=-0.182 Z=-0.357
96 X= 195.699 Y=-0.527 Z=-0.357
97 X= 199.161 Y=-0.773 Z=-0.357
98 X= 204.104 Y=-1.154 Z=-0.357
99 X= 209.045 Y=-1.559 Z=-0.357
100 X= 213.985 Y=-1.990 Z=-0.357
101 X= 218.922 Y=-2.445 Z=-0.357
102 X= 223.856 Y=-2.925 Z=-0.357
103 X= 228.788 Y=-3.429 Z=-0.357
104 X= 233.718 Y=-3.958 Z=-0.357
105 X= 238.645 Y=-4.512 Z=-0.357
106 X= 243.569 Y=-5.091 Z=-0.357
107 X= 248.490 Y=-5.694 Z=-0.357

108 X= 249.966 Y=-5.879 Z=-0.357
109 X= 1.495 Y=-11.794 Z=-0.713
110 X= 5.896 Y=-11.246 Z=-0.713
111 X= 10.789 Y=-10.663 Z=-0.713
112 X= 15.686 Y=-10.100 Z=-0.713
113 X= 20.585 Y=-9.563 Z=-0.713
114 X= 25.486 Y=-9.051 Z=-0.713
115 X= 30.390 Y=-8.564 Z=-0.713
116 X= 35.297 Y=-8.101 Z=-0.713
117 X= 40.205 Y=-7.663 Z=-0.713
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119 X= 48.555 Y=-6.973 Z=-0.713
120 X= 53.469 Y=-6.601 Z=-0.713
121 X= 58.385 Y=-6.254 Z=-0.713
122 X= 63.302 Y=-5.931 Z=-0.713
123 X= 68.222 Y=-5.633 Z=-0.713
124 X= 73.142 Y=-5.359 Z=-0.713
125 X= 78.064 Y=-5.110 Z=-0.713
126 X= 82.987 Y=-4.885 Z=-0.713
127 X= 87.911 Y=-4.685 Z=-0.713
128 X= 92.836 Y=-4.510 Z=-0.713
129 X= 96.284 Y=-4.402 Z=-0.713
130 X= 99.733 Y=-4.306 Z=-0.713
131 X= 104.660 Y=-4.190 Z=-0.713
132 X= 109.587 Y=-4.099 Z=-0.713
133 X= 114.515 Y=-4.032 Z=-0.713
134 X= 119.443 Y=-3.999 Z=-0.713
135 X= 124.371 Y=-3.972 Z=-0.713
136 X= 129.299 Y=-3.979 Z=-0.713
137 X= 134.227 Y=-4.011 Z=-0.713
138 X= 139.155 Y=-4.067 Z=-0.713
139 X= 144.082 Y=-4.148 Z=-0.713
140 X= 147.531 Y=-4.219 Z=-0.713
141 X= 150.980 Y=-4.303 Z=-0.713
142 X= 155.906 Y=-4.443 Z=-0.713
143 X= 160.832 Y=-4.607 Z=-0.713
144 X= 165.756 Y=-4.797 Z=-0.713
145 X= 170.680 Y=-5.011 Z=-0.713
146 X= 175.602 Y=-5.249 Z=-0.713
147 X= 180.524 Y=-5.513 Z=-0.713
148 X= 185.443 Y=-5.800 Z=-0.713
149 X= 190.362 Y=-6.113 Z=-0.713
150 X= 195.278 Y=-6.450 Z=-0.713
151 X= 198.719 Y=-6.700 Z=-0.713
152 X= 203.632 Y=-7.079 Z=-0.713
153 X= 208.544 Y=-7.482 Z=-0.713
154 X= 213.454 Y=-7.910 Z=-0.713
155 X= 218.361 Y=-8.363 Z=-0.713
156 X= 223.266 Y=-8.839 Z=-0.713
157 X= 228.169 Y=-9.341 Z=-0.713
158 X= 233.069 Y=-9.867 Z=-0.713
159 X= 237.966 Y=-10.417 Z=-0.713
160 X= 242.861 Y=-10.992 Z=-0.713
161 X= 247.752 Y=-11.592 Z=-0.713
162 X= 249.219 Y=-11.776 Z=-0.713
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164 X= 4.615 Y=-2.396 Z=-0.178
165 X= 9.752 Y=-1.805 Z=-0.178
166 X= 14.693 Y=-1.239 Z=-0.178
167 X= 19.636 Y=-0.698 Z=-0.178
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169 X= 29.530 Y=0.311 Z=-0.178
170 X= 34.481 Y=0.778 Z=-0.178
171 X= 39.434 Y=1.220 Z=-0.178
172 X= 44.389 Y=1.638 Z=-0.178
173 X= 47.859 Y=1.915 Z=-0.178
174 X= 52.818 Y=2.291 Z=-0.178
175 X= 57.778 Y=2.641 Z=-0.178
176 X= 62.740 Y=2.967 Z=-0.178
177 X= 67.704 Y=3.268 Z=-0.178
178 X= 72.669 Y=3.544 Z=-0.178
179 X= 77.636 Y=3.796 Z=-0.178
180 X= 82.603 Y=4.022 Z=-0.178
181 X= 87.572 Y=4.224 Z=-0.178
182 X= 92.541 Y=4.401 Z=-0.178
183 X= 96.021 Y=4.510 Z=-0.178
184 X= 99.500 Y=4.607 Z=-0.178
185 X= 104.472 Y=4.724 Z=-0.178
186 X= 109.444 Y=4.816 Z=-0.178
187 X= 114.416 Y=4.884 Z=-0.178
188 X= 119.389 Y=4.926 Z=-0.178
189 X= 124.361 Y=4.944 Z=-0.178
190 X= 129.334 Y=4.937 Z=-0.178
191 X= 134.307 Y=4.905 Z=-0.178
192 X= 139.279 Y=4.848 Z=-0.178
193 X= 144.251 Y=4.766 Z=-0.178
194 X= 147.731 Y=4.695 Z=-0.178
195 X= 151.211 Y=4.610 Z=-0.178
196 X= 156.182 Y=4.469 Z=-0.178
197 X= 161.152 Y=4.303 Z=-0.178
198 X= 166.121 Y=4.112 Z=-0.178
199 X= 171.089 Y=3.896 Z=-0.178
200 X= 176.056 Y=3.655 Z=-0.178
201 X= 181.022 Y=3.390 Z=-0.178
202 X= 185.986 Y=3.099 Z=-0.178
203 X= 190.949 Y=2.784 Z=-0.178
204 X= 195.910 Y=2.444 Z=-0.178
205 X= 199.382 Y=2.191 Z=-0.178
206 X= 204.340 Y=1.809 Z=-0.178
207 X= 209.296 Y=1.402 Z=-0.178
208 X= 214.250 Y=0.970 Z=-0.178
209 X= 219.202 Y=0.514 Z=-0.178
210 X= 224.151 Y=0.032 Z=-0.178
211 X= 229.098 Y=-0.474 Z=-0.178
212 X= 234.043 Y=-1.004 Z=-0.178
213 X= 238.984 Y=-1.560 Z=-0.178
214 X= 243.923 Y=-2.140 Z=-0.178
215 X= 248.859 Y=-2.745 Z=-0.178
216 X= 250.339 Y=-2.931 Z=-0.178
217 X= 1.121 Y=-8.645 Z=-0.535
218 X= 5.536 Y=-8.298 Z=-0.535
219 X= 10.444 Y=-7.709 Z=-0.535
220 X= 15.355 Y=-7.146 Z=-0.535
221 X= 20.268 Y=-6.608 Z=-0.535
222 X= 25.185 Y=-6.094 Z=-0.535
223 X= 30.104 Y=-5.606 Z=-0.535
224 X= 35.023 Y=-5.141 Z=-0.535
225 X= 39.948 Y=-4.702 Z=-0.535
226 X= 44.874 Y=-4.286 Z=-0.535
227 X= 48.323 Y=-4.011 Z=-0.535
228 X= 53.252 Y=-3.637 Z=-0.535
229 X= 58.183 Y=-3.289 Z=-0.535
230 X= 63.115 Y=-2.965 Z=-0.535
231 X= 68.049 Y=-2.666 Z=-0.535
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479 J=267, 268 Sec=22
480 J=268, 269 Sec=22
481 J=269, 270 Sec=22
482 J= 1, 271 Sec=23
483 J= 10, 272 Sec=23
484 J= 21, 273 Sec=23
485 J= 32, 274 Sec=23
486 J= 43, 275 Sec=23
487 J= 54, 276 Sec=23

488 J= 55, 277 Sec=23
489 J= 64, 278 Sec=23
490 J= 75, 279 Sec=23
491 J= 86, 280 Sec=23
492 J= 97, 281 Sec=23
493 J=108, 282 Sec=23
494 J=109, 283 Sec=23
495 J=118, 284 Sec=23
496 J=129, 285 Sec=23
497 J=140, 286 Sec=23
498 J=151, 287 Sec=23
499 J=162, 288 Sec=23
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: Case = 1 ----- G1 Max DB 1선
Name=1
Path= 1, 9, 1, Ecc=0.431
Path= 10, 20, 1, Ecc=0.431
Path= 21, 31, 1, Ecc=0.431
Path= 32, 42, 1, Ecc=0.431
Path= 43, 53, 1, Ecc=0.431
Name=2
Path= 376, 384, 1, Ecc=0.000
Path= 385, 395, 1, Ecc=0.000
Path= 396, 406, 1, Ecc=0.000
Path= 407, 417, 1, Ecc=0.000
Path= 418, 428, 1, Ecc=0.000
Name=3
Path= 54, 62, 1, Ecc=1.927
Path= 63, 73, 1, Ecc=1.927
Path= 74, 84, 1, Ecc=1.927
Path= 85, 95, 1, Ecc=1.927
Path= 96, 106, 1, Ecc=1.927
Name=4
Path= 429, 437, 1, Ecc=0.000
Path= 438, 448, 1, Ecc=0.000
Path= 449, 459, 1, Ecc=0.000
Path= 460, 470, 1, Ecc=0.000
Path= 471, 481, 1, Ecc=0.000
Name=5
Path= 107, 115, 1, Ecc=1.577
Path= 116, 126, 1, Ecc=1.577
Path= 127, 137, 1, Ecc=1.577
Path= 138, 148, 1, Ecc=1.577
Path= 149, 159, 1, Ecc=1.577
: Case = 2 ----- G1 Max DB 2선
Name=6
Path= 1, 9, 1, Ecc=0.098
Path= 10, 20, 1, Ecc=0.098
Path= 21, 31, 1, Ecc=0.098
Path= 32, 42, 1, Ecc=0.098
Path= 43, 53, 1, Ecc=0.098
Name=7
Path= 376, 384, 1, Ecc=0.000
Path= 385, 395, 1, Ecc=0.000
Path= 396, 406, 1, Ecc=0.000
Path= 407, 417, 1, Ecc=0.000
Path= 418, 428, 1, Ecc=0.000
Name=8
Path= 54, 62, 1, Ecc=1.736
Path= 63, 73, 1, Ecc=1.736
Path= 74, 84, 1, Ecc=1.736
Path= 85, 95, 1, Ecc=1.736
Path= 96, 106, 1, Ecc=1.736
Name=9
Path= 429, 437, 1, Ecc=0.000
Path= 438, 448, 1, Ecc=0.000
Path= 449, 459, 1, Ecc=0.000
Path= 460, 470, 1, Ecc=0.000
Path= 471, 481, 1, Ecc=0.000
Name=10
Path= 107, 115, 1, Ecc=1.573
Path= 116, 126, 1, Ecc=1.573
Path= 127, 137, 1, Ecc=1.573
Path= 138, 148, 1, Ecc=1.573
Path= 149, 159, 1, Ecc=1.573
: Case = 3 ----- G1 Max DB 3선
Name=11
Path= 1, 9, 1, Ecc=0.070
Path= 10, 20, 1, Ecc=0.070
Path= 21, 31, 1, Ecc=0.070
Path= 32, 42, 1, Ecc=0.070
Path= 43, 53, 1, Ecc=0.070
Name=12
Path= 376, 384, 1, Ecc=0.000
Path= 385, 395, 1, Ecc=0.000
Path= 396, 406, 1, Ecc=0.000
Path= 407, 417, 1, Ecc=0.000
Path= 418, 428, 1, Ecc=0.000
Name=13
Path= 54, 62, 1, Ecc=-0.033
Path= 63, 73, 1, Ecc=-0.033
Path= 74, 84, 1, Ecc=-0.033
Path= 85, 95, 1, Ecc=-0.033
Path= 96, 106, 1, Ecc=-0.033
Name=14
Path= 429, 437, 1, Ecc=0.000
Path= 438, 448, 1, Ecc=0.000
Path= 449, 459, 1, Ecc=0.000
Path= 460, 470, 1, Ecc=0.000
Path= 471, 481, 1, Ecc=0.000
Name=15
Path= 107, 115, 1, Ecc=1.574
Path= 116, 126, 1, Ecc=1.574
Path= 127, 137, 1, Ecc=1.574
Path= 138, 148, 1, Ecc=1.574
Path= 149, 159, 1, Ecc=1.574
: Case = 4 ----- G1 Max DB 4선
Name=16
Path= 1, 9, 1, Ecc=0.069
Path= 10, 20, 1, Ecc=0.069
Path= 21, 31, 1, Ecc=0.069
Path= 32, 42, 1, Ecc=0.069
Path= 43, 53, 1, Ecc=0.069
Name=17
Path= 376, 384, 1, Ecc=0.000
Path= 385, 395, 1, Ecc=0.000
Path= 396, 406, 1, Ecc=0.000
Path= 407, 417, 1, Ecc=0.000
Path= 418, 428, 1, Ecc=0.000
Name=18
Path= 54, 62, 1, Ecc=-0.007
Path= 63, 73, 1, Ecc=-0.007
Path= 74, 84, 1, Ecc=-0.007
Path= 85, 95, 1, Ecc=-0.007
Path= 96, 106, 1, Ecc=-0.007
Name=19
Path= 429, 437, 1, Ecc=0.000
Path= 438, 448, 1, Ecc=0.000
Path= 449, 459, 1, Ecc=0.000
Path= 460, 470, 1, Ecc=0.000
Path= 471, 481, 1, Ecc=0.000
Name=20
Path= 107, 115, 1, Ecc=1.165
Path= 116, 126, 1, Ecc=1.165
Path= 127, 137, 1, Ecc=1.165
Path= 138, 148, 1, Ecc=1.165
Path= 149, 159, 1, Ecc=1.165
: Case = 5 ----- G2 Max DB 1선
Name=21
Path= 1, 9, 1, Ecc=-1.574
Path= 10, 20, 1, Ecc=-1.574
Path= 21, 31, 1, Ecc=-1.574
Path= 32, 42, 1, Ecc=-1.574
Path= 43, 53, 1, Ecc=-1.574
Name=22
Path= 376, 384, 1, Ecc=0.000


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Path= 54, 62, 1, Ecc=0.028
Path= 63, 73, 1, Ecc=0.028
Path= 74, 84, 1, Ecc=0.028
Path= 85, 95, 1, Ecc=0.028
Path= 96, 106, 1, Ecc=0.028
Name=94
Path= 429, 437, 1, Ecc=0.000
Path= 438, 448, 1, Ecc=0.000
Path= 449, 459, 1, Ecc=0.000
Path= 460, 470, 1, Ecc=0.000
Path= 471, 481, 1, Ecc=0.000
Name=95
Path= 107, 115, 1, Ecc=1.578
Path= 116, 126, 1, Ecc=1.578
Path= 127, 137, 1, Ecc=1.578
Path= 138, 148, 1, Ecc=1.578
Path= 149, 159, 1, Ecc=1.578
: Case = 20 ----- G2 Max DL 4선
Name=96
Path= 1, 9, 1, Ecc=-0.680
Path= 10, 20, 1, Ecc=-0.680
Path= 21, 31, 1, Ecc=-0.680
Path= 32, 42, 1, Ecc=-0.680
Path= 43, 53, 1, Ecc=-0.680
Name=97
Path= 376, 384, 1, Ecc=0.000
Path= 385, 395, 1, Ecc=0.000
Path= 396, 406, 1, Ecc=0.000
Path= 407, 417, 1, Ecc=0.000
Path= 418, 428, 1, Ecc=0.000
Name=98
Path= 54, 62, 1, Ecc=0.000
Path= 63, 73, 1, Ecc=0.000
Path= 74, 84, 1, Ecc=0.000
Path= 85, 95, 1, Ecc=0.000
Path= 96, 106, 1, Ecc=0.000
Name=99
Path= 429, 437, 1, Ecc=0.000
Path= 438, 448, 1, Ecc=0.000
Path= 449, 459, 1, Ecc=0.000
Path= 460, 470, 1, Ecc=0.000
Path= 471, 481, 1, Ecc=0.000
Name=100
Path= 107, 115, 1, Ecc=0.680
Path= 116, 126, 1, Ecc=0.680
Path= 127, 137, 1, Ecc=0.680
Path= 138, 148, 1, Ecc=0.680
Path= 149, 159, 1, Ecc=0.680
: Case = 21 ----- G3 Max DL 1선
Name=101
Path= 1, 9, 1, Ecc=-1.581
Path= 10, 20, 1, Ecc=-1.581
Path= 21, 31, 1, Ecc=-1.581
Path= 32, 42, 1, Ecc=-1.581
Path= 43, 53, 1, Ecc=-1.581
Name=102
Path= 376, 384, 1, Ecc=0.000
Path= 385, 395, 1, Ecc=0.000
Path= 396, 406, 1, Ecc=0.000
Path= 407, 417, 1, Ecc=0.000
Path= 418, 428, 1, Ecc=0.000
Name=103
Path= 54, 62, 1, Ecc=-1.926
Path= 63, 73, 1, Ecc=-1.926
Path= 74, 84, 1, Ecc=-1.926
Path= 85, 95, 1, Ecc=-1.926
Path= 96, 106, 1, Ecc=-1.926
Name=104
Path= 429, 437, 1, Ecc=0.000
Path= 438, 448, 1, Ecc=0.000
Path= 449, 459, 1, Ecc=0.000
Path= 460, 470, 1, Ecc=0.000
Path= 471, 481, 1, Ecc=0.000
Name=105
Path= 107, 115, 1, Ecc=-0.215
Path= 116, 126, 1, Ecc=-0.215
Path= 127, 137, 1, Ecc=-0.215
Path= 138, 148, 1, Ecc=-0.215
Path= 149, 159, 1, Ecc=-0.215
: Case = 22 ----- G3 Max DL 2선
Name=106
Path= 1, 9, 1, Ecc=-1.573
Path= 10, 20, 1, Ecc=-1.573
Path= 21, 31, 1, Ecc=-1.573
Path= 32, 42, 1, Ecc=-1.573
Path= 43, 53, 1, Ecc=-1.573
Name=107
Path= 376, 384, 1, Ecc=0.000
Path= 385, 395, 1, Ecc=0.000
Path= 396, 406, 1, Ecc=0.000
Path= 407, 417, 1, Ecc=0.000
Path= 418, 428, 1, Ecc=0.000
Name=108
Path= 54, 62, 1, Ecc=-1.607
Path= 63, 73, 1, Ecc=-1.607
Path= 74, 84, 1, Ecc=-1.607
Path= 85, 95, 1, Ecc=-1.607
Path= 96, 106, 1, Ecc=-1.607
Name=109
Path= 429, 437, 1, Ecc=0.000
Path= 438, 448, 1, Ecc=0.000
Path= 449, 459, 1, Ecc=0.000
Path= 460, 470, 1, Ecc=0.000
Path= 471, 481, 1, Ecc=0.000
Name=110
Path= 107, 115, 1, Ecc=-0.021
Path= 116, 126, 1, Ecc=-0.021
Path= 127, 137, 1, Ecc=-0.021
Path= 138, 148, 1, Ecc=-0.021
Path= 149, 159, 1, Ecc=-0.021
: Case = 23 ----- G3 Max DL 3선
Name=111
Path= 1, 9, 1, Ecc=-1.574
Path= 10, 20, 1, Ecc=-1.574
Path= 21, 31, 1, Ecc=-1.574
Path= 32, 42, 1, Ecc=-1.574
Path= 43, 53, 1, Ecc=-1.574
Name=112
Path= 376, 384, 1, Ecc=0.000
Path= 385, 395, 1, Ecc=0.000
Path= 396, 406, 1, Ecc=0.000
Path= 407, 417, 1, Ecc=0.000
Path= 418, 428, 1, Ecc=0.000
Name=113
Path= 54, 62, 1, Ecc=0.133
Path= 63, 73, 1, Ecc=0.133
Path= 74, 84, 1, Ecc=0.133
Path= 85, 95, 1, Ecc=0.133
Path= 96, 106, 1, Ecc=0.133
Name=114
Path= 429, 437, 1, Ecc=0.000
Path= 438, 448, 1, Ecc=0.000
Path= 449, 459, 1, Ecc=0.000
Path= 460, 470, 1, Ecc=0.000
Path= 471, 481, 1, Ecc=0.000
Name=115
Path= 107, 115, 1, Ecc=0.004
Path= 116, 126, 1, Ecc=0.004
Path= 127, 137, 1, Ecc=0.004
Path= 138, 148, 1, Ecc=0.004
Path= 149, 159, 1, Ecc=0.004
: Case = 24 ----- G3 Max DL 4선
Name=116
Path= 1, 9, 1, Ecc=-1.151
Path= 10, 20, 1, Ecc=-1.151
Path= 21, 31, 1, Ecc=-1.151
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Path= 32, 42, 1, Ecc=-1.151
Path= 43, 53, 1, Ecc=-1.151
Name=117
Path= 376, 384, 1, Ecc=0.000
Path= 385, 395, 1, Ecc=0.000
Path= 396, 406, 1, Ecc=0.000
Path= 407, 417, 1, Ecc=0.000
Path= 418, 428, 1, Ecc=0.000
Name=118
Path= 54, 62, 1, Ecc=0.109
Path= 63, 73, 1, Ecc=0.109
Path= 74, 84, 1, Ecc=0.109
Path= 85, 95, 1, Ecc=0.109
Path= 96, 106, 1, Ecc=0.109
Name=119
Path= 429, 437, 1, Ecc=0.000
Path= 438, 448, 1, Ecc=0.000
Path= 449, 459, 1, Ecc=0.000
Path= 460, 470, 1, Ecc=0.000
Path= 471, 481, 1, Ecc=0.000
Name=120
Path= 107, 115, 1, Ecc=0.005
Path= 116, 126, 1, Ecc=0.005
Path= 127, 137, 1, Ecc=0.005
Path= 138, 148, 1, Ecc=0.005
Path= 149, 159, 1, Ecc=0.005
```

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VEHICLES
Name=1 TYPE=Gen : DB-24
P=24,000 P=96,000
D=4.200 9.000 P=96,000
Name=2 TYPE=Gen : DL-24
W=4.233 PM=36.000 PXM=52.000
```

```
Vehicle Class
Name=1
Vehi=1
Name=2
Vehi=2
```

```
Bridge Response
Elem=Frame
Add=*
Elem=Joint Type=DISP
Add=*
Elem=Joint Type=REAC
Add=*
```

```
MOVING LOAD
Name=1 Rf=1.000 : G1 Max DB 1선
Lane= 1 Class= 1 Lmin= 1 Lmax= 1 Sf=2.172
Lane= 2 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 3 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 4 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 5 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Name= 2 Rf=1.000 : G1 Max DB 2선
Lane= 6 Class= 1 Lmin= 1 Lmax= 1 Sf=2.636
Lane= 7 Class= 1 Lmin= 1 Lmax= 1 Sf=0.932
Lane= 8 Class= 1 Lmin= 1 Lmax= 1 Sf=0.410
Lane= 9 Class= 1 Lmin= 1 Lmax= 1 Sf=0.028
Lane= 10 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Name= 3 Rf=0.900 : G1 Max DB 3선
Lane= 11 Class= 1 Lmin= 1 Lmax= 1 Sf=2.681
Lane= 12 Class= 1 Lmin= 1 Lmax= 1 Sf=0.705
Lane= 13 Class= 1 Lmin= 1 Lmax= 1 Sf=2.649
Lane= 14 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 15 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Name= 4 Rf=0.750 : G1 Max DB 4선
Lane= 16 Class= 1 Lmin= 1 Lmax= 1 Sf=2.682
Lane= 17 Class= 1 Lmin= 1 Lmax= 1 Sf=0.702
Lane= 18 Class= 1 Lmin= 1 Lmax= 1 Sf=2.614
Lane= 19 Class= 1 Lmin= 1 Lmax= 1 Sf=0.707
Lane= 20 Class= 1 Lmin= 1 Lmax= 1 Sf=1.297
Name= 5 Rf=1.000 : G2 Max DB 1선
Lane= 21 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 22 Class= 1 Lmin= 1 Lmax= 1 Sf=0.780
Lane= 23 Class= 1 Lmin= 1 Lmax= 1 Sf=1.301
Lane= 24 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 25 Class= 1 Lmin= 1 Lmax= 1 Sf=0.011
Name= 6 Rf=1.000 : G2 Max DB 2선
Lane= 26 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 27 Class= 1 Lmin= 1 Lmax= 1 Sf=0.726
Lane= 28 Class= 1 Lmin= 1 Lmax= 1 Sf=2.603
Lane= 29 Class= 1 Lmin= 1 Lmax= 1 Sf=0.726
Lane= 30 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Name= 7 Rf=0.900 : G2 Max DB 3선
Lane= 31 Class= 1 Lmin= 1 Lmax= 1 Sf=2.096
Lane= 32 Class= 1 Lmin= 1 Lmax= 1 Sf=0.571
Lane= 33 Class= 1 Lmin= 1 Lmax= 1 Sf=2.632
Lane= 34 Class= 1 Lmin= 1 Lmax= 1 Sf=0.729
Lane= 35 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Name= 8 Rf=0.750 : G2 Max DB 4선
Lane= 36 Class= 1 Lmin= 1 Lmax= 1 Sf=2.095
Lane= 37 Class= 1 Lmin= 1 Lmax= 1 Sf=0.574
Lane= 38 Class= 1 Lmin= 1 Lmax= 1 Sf=2.661
Lane= 39 Class= 1 Lmin= 1 Lmax= 1 Sf=0.574
Lane= 40 Class= 1 Lmin= 1 Lmax= 1 Sf=2.095
Name= 9 Rf=1.000 : G3 Max DB 1선
Lane= 41 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 42 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 43 Class= 1 Lmin= 1 Lmax= 1 Sf=0.049
Lane= 44 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 45 Class= 1 Lmin= 1 Lmax= 1 Sf=2.208
Name= 10 Rf=1.000 : G3 Max DB 2선
Lane= 46 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 47 Class= 1 Lmin= 1 Lmax= 1 Sf=0.030
Lane= 48 Class= 1 Lmin= 1 Lmax= 1 Sf=0.524
Lane= 49 Class= 1 Lmin= 1 Lmax= 1 Sf=0.884
Lane= 50 Class= 1 Lmin= 1 Lmax= 1 Sf=2.568
Name= 11 Rf=0.900 : G3 Max DB 3선
Lane= 51 Class= 1 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 52 Class= 1 Lmin= 1 Lmax= 1 Sf=0.053
Lane= 53 Class= 1 Lmin= 1 Lmax= 1 Sf=2.672
Lane= 54 Class= 1 Lmin= 1 Lmax= 1 Sf=0.674
Lane= 55 Class= 1 Lmin= 1 Lmax= 1 Sf=2.610
Name= 12 Rf=0.750 : G3 Max DB 4선
Lane= 56 Class= 1 Lmin= 1 Lmax= 1 Sf=1.415
Lane= 57 Class= 1 Lmin= 1 Lmax= 1 Sf=0.678
Lane= 58 Class= 1 Lmin= 1 Lmax= 1 Sf=2.626
Lane= 59 Class= 1 Lmin= 1 Lmax= 1 Sf=0.669
Lane= 60 Class= 1 Lmin= 1 Lmax= 1 Sf=2.611
Name= 13 Rf=1.000 : G1 Max DL 1선
Lane= 61 Class= 2 Lmin= 1 Lmax= 1 Sf=3.265
Lane= 62 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 63 Class= 2 Lmin= 1 Lmax= 1 Sf=0.063
Lane= 64 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 65 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Name= 14 Rf=1.000 : G1 Max DL 2선
Lane= 66 Class= 2 Lmin= 1 Lmax= 1 Sf=3.861
Lane= 67 Class= 2 Lmin= 1 Lmax= 1 Sf=1.592
Lane= 68 Class= 2 Lmin= 1 Lmax= 1 Sf=0.524
Lane= 69 Class= 2 Lmin= 1 Lmax= 1 Sf=0.029
Lane= 70 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
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Name= 15 Rf=0.900 : G1 Max DL 3선
Lane= 71 Class= 2 Lmin= 1 Lmax= 1 Sf=3.928
Lane= 72 Class= 2 Lmin= 1 Lmax= 1 Sf=1.256
Lane= 73 Class= 2 Lmin= 1 Lmax= 1 Sf=3.929
Lane= 74 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 75 Class= 2 Lmin= 1 Lmax= 1 Sf=0.032
Name= 16 Rf=0.750 : G1 Max DL 4선
Lane= 76 Class= 2 Lmin= 1 Lmax= 1 Sf=3.929
Lane= 77 Class= 2 Lmin= 1 Lmax= 1 Sf=1.251
Lane= 78 Class= 2 Lmin= 1 Lmax= 1 Sf=3.880
Lane= 79 Class= 2 Lmin= 1 Lmax= 1 Sf=0.933
Lane= 80 Class= 2 Lmin= 1 Lmax= 1 Sf=2.007
Name= 17 Rf=1.000 : G2 Max DL 1선
Lane= 81 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 82 Class= 2 Lmin= 1 Lmax= 1 Sf=1.116
Lane= 83 Class= 2 Lmin= 1 Lmax= 1 Sf=1.977
Lane= 84 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 85 Class= 2 Lmin= 1 Lmax= 1 Sf=0.010
Name= 18 Rf=1.000 : G2 Max DL 2선
Lane= 86 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 87 Class= 2 Lmin= 1 Lmax= 1 Sf=1.065
Lane= 88 Class= 2 Lmin= 1 Lmax= 1 Sf=3.954
Lane= 89 Class= 2 Lmin= 1 Lmax= 1 Sf=1.065
Lane= 90 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Name= 19 Rf=0.900 : G2 Max DL 3선
Lane= 91 Class= 2 Lmin= 1 Lmax= 1 Sf=3.191
Lane= 92 Class= 2 Lmin= 1 Lmax= 1 Sf=0.769
Lane= 93 Class= 2 Lmin= 1 Lmax= 1 Sf=4.012
Lane= 94 Class= 2 Lmin= 1 Lmax= 1 Sf=1.071
Lane= 95 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Name= 20 Rf=0.750 : G2 Max DL 4선
Lane= 96 Class= 2 Lmin= 1 Lmax= 1 Sf=3.190
Lane= 97 Class= 2 Lmin= 1 Lmax= 1 Sf=0.775
Lane= 98 Class= 2 Lmin= 1 Lmax= 1 Sf=4.071
Lane= 99 Class= 2 Lmin= 1 Lmax= 1 Sf=0.775
Lane= 100 Class= 2 Lmin= 1 Lmax= 1 Sf=3.190
Name= 21 Rf=1.000 : G3 Max DL 1선
Lane= 101 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 102 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 103 Class= 2 Lmin= 1 Lmax= 1 Sf=0.077
Lane= 104 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 105 Class= 2 Lmin= 1 Lmax= 1 Sf=3.324
Name= 22 Rf=1.000 : G3 Max DL 2선
Lane= 106 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 107 Class= 2 Lmin= 1 Lmax= 1 Sf=0.033
Lane= 108 Class= 2 Lmin= 1 Lmax= 1 Sf=0.697
Lane= 109 Class= 2 Lmin= 1 Lmax= 1 Sf=1.512
Lane= 110 Class= 2 Lmin= 1 Lmax= 1 Sf=3.765
Name= 23 Rf=0.900 : G3 Max DL 3선
Lane= 111 Class= 2 Lmin= 1 Lmax= 1 Sf=0.012
Lane= 112 Class= 2 Lmin= 1 Lmax= 1 Sf=0.001
Lane= 113 Class= 2 Lmin= 1 Lmax= 1 Sf=3.973
Lane= 114 Class= 2 Lmin= 1 Lmax= 1 Sf=1.211
Lane= 115 Class= 2 Lmin= 1 Lmax= 1 Sf=3.824
Name= 24 Rf=0.750 : G3 Max DL 4선
Lane= 116 Class= 2 Lmin= 1 Lmax= 1 Sf=2.209
Lane= 117 Class= 2 Lmin= 1 Lmax= 1 Sf=0.840
Lane= 118 Class= 2 Lmin= 1 Lmax= 1 Sf=3.919
Lane= 119 Class= 2 Lmin= 1 Lmax= 1 Sf=1.206
Lane= 120 Class= 2 Lmin= 1 Lmax= 1 Sf=3.825
COMBO
Name=DB-G1-1 Type=ENVE : G1 Max DB 1선
MOVE=1 sf=1.178
Name=DB-G1-2 Type=ENVE : G1 Max DB 2선
MOVE=2 sf=1.178
Name=DB-G1-3 Type=ENVE : G1 Max DB 3선
MOVE=3 sf=1.178
Name=DB-G1-4 Type=ENVE : G1 Max DB 4선
MOVE=4 sf=1.178
Name=DB-G2-1 Type=ENVE : G2 Max DB 1선
MOVE=5 sf=1.178
Name=DB-G2-2 Type=ENVE : G2 Max DB 2선
MOVE=6 sf=1.178
Name=DB-G2-3 Type=ENVE : G2 Max DB 3선
MOVE=7 sf=1.178
Name=DB-G2-4 Type=ENVE : G2 Max DB 4선
MOVE=8 sf=1.178
Name=DB-G3-1 Type=ENVE : G3 Max DB 1선
MOVE=9 sf=1.178
Name=DB-G3-2 Type=ENVE : G3 Max DB 2선
MOVE=10 sf=1.178
Name=DB-G3-3 Type=ENVE : G3 Max DB 3선
MOVE=11 sf=1.178
Name=DB-G3-4 Type=ENVE : G3 Max DB 4선
MOVE=12 sf=1.178
Name=DL-G1-1 Type=ENVE : G1 Max DL 1선
MOVE=13 sf=1.178
Name=DL-G1-2 Type=ENVE : G1 Max DL 2선
MOVE=14 sf=1.178
Name=DL-G1-3 Type=ENVE : G1 Max DL 3선
MOVE=15 sf=1.178
Name=DL-G1-4 Type=ENVE : G1 Max DL 4선
MOVE=16 sf=1.178
Name=DL-G2-1 Type=ENVE : G2 Max DL 1선
MOVE=17 sf=1.178
Name=DL-G2-2 Type=ENVE : G2 Max DL 2선
MOVE=18 sf=1.178
Name=DL-G2-3 Type=ENVE : G2 Max DL 3선
MOVE=19 sf=1.178
Name=DL-G2-4 Type=ENVE : G2 Max DL 4선
MOVE=20 sf=1.178
Name=DL-G3-1 Type=ENVE : G3 Max DL 1선
MOVE=21 sf=1.178
Name=DL-G3-2 Type=ENVE : G3 Max DL 2선
MOVE=22 sf=1.178
Name=DL-G3-3 Type=ENVE : G3 Max DL 3선
MOVE=23 sf=1.178
Name=DL-G3-4 Type=ENVE : G3 Max DL 4선
MOVE=24 sf=1.178
Name=DB Type=ENVE :
COMB=DB-G1-1 sf=1.000
COMB=DB-G1-2 sf=1.000
COMB=DB-G1-3 sf=1.000
COMB=DB-G1-4 sf=1.000
COMB=DB-G2-1 sf=1.000
COMB=DB-G2-2 sf=1.000
COMB=DB-G2-3 sf=1.000
```

COMB=DB-G2-4 sf=1.000
COMB=DB-G3-1 sf=1.000
COMB=DB-G3-2 sf=1.000
COMB=DB-G3-3 sf=1.000
COMB=DB-G3-4 sf=1.000

Name=DL Type=ENVE ;
COMB=DL-G1-1 sf=1.000
COMB=DL-G1-2 sf=1.000
COMB=DL-G1-3 sf=1.000
COMB=DL-G1-4 sf=1.000
COMB=DL-G2-1 sf=1.000
COMB=DL-G2-2 sf=1.000
COMB=DL-G2-3 sf=1.000
COMB=DL-G2-4 sf=1.000
COMB=DL-G3-1 sf=1.000
COMB=DL-G3-2 sf=1.000
COMB=DL-G3-3 sf=1.000
COMB=DL-G3-4 sf=1.000

Name=CAR Type=ENVE ;
COMB=DB sf=1.000
COMB=DL sf=1.000

Name=DESIGN Type=ENVE ;
COMB=CAR sf=1.000

OUTPUT
Elem=Joint Type=Disp,REAC Load=** Comb=**
Elem=Frame Type=Force Load=** Comb=**

< UNEQUAL SETTLEMENT >

SYSTEM
LENGTH=M FORCE=KN

JOINT
1 X= 0.000 Y=0.000 Z=0.000
2 X= 4.455 Y=0.554 Z=0.000
3 X= 9.407 Y=1.147 Z=0.000
4 X= 14.362 Y=1.715 Z=0.000
5 X= 19.320 Y=2.257 Z=0.000
6 X= 24.281 Y=2.776 Z=0.000
7 X= 29.244 Y=3.269 Z=0.000
8 X= 34.209 Y=3.737 Z=0.000
9 X= 39.177 Y=4.181 Z=0.000
10 X= 44.147 Y=4.600 Z=0.000
11 X= 47.628 Y=4.878 Z=0.000
12 X= 52.601 Y=5.255 Z=0.000
13 X= 57.576 Y=5.607 Z=0.000
14 X= 62.553 Y=5.933 Z=0.000
15 X= 67.532 Y=6.235 Z=0.000
16 X= 72.511 Y=6.512 Z=0.000
17 X= 77.493 Y=6.764 Z=0.000
18 X= 82.475 Y=6.992 Z=0.000
19 X= 87.459 Y=7.194 Z=0.000
20 X= 92.443 Y=7.371 Z=0.000
21 X= 95.933 Y=7.481 Z=0.000
22 X= 99.423 Y=7.578 Z=0.000
23 X= 104.409 Y=7.695 Z=0.000
24 X= 109.396 Y=7.788 Z=0.000
25 X= 114.383 Y=7.856 Z=0.000
26 X= 119.370 Y=7.898 Z=0.000
27 X= 124.358 Y=7.916 Z=0.000
28 X= 129.346 Y=7.909 Z=0.000
29 X= 134.333 Y=7.877 Z=0.000
30 X= 139.321 Y=7.820 Z=0.000
31 X= 144.307 Y=7.738 Z=0.000
32 X= 147.798 Y=7.666 Z=0.000
33 X= 151.288 Y=7.581 Z=0.000
34 X= 156.274 Y=7.440 Z=0.000
35 X= 161.259 Y=7.273 Z=0.000
36 X= 166.243 Y=7.081 Z=0.000
37 X= 171.226 Y=6.865 Z=0.000
38 X= 176.208 Y=6.623 Z=0.000
39 X= 181.188 Y=6.357 Z=0.000
40 X= 186.167 Y=6.066 Z=0.000
41 X= 191.145 Y=5.749 Z=0.000
42 X= 196.121 Y=5.408 Z=0.000
43 X= 199.603 Y=5.022 Z=0.000
44 X= 204.576 Y=4.772 Z=0.000
45 X= 209.547 Y=4.363 Z=0.000
46 X= 214.515 Y=3.930 Z=0.000
47 X= 219.482 Y=3.472 Z=0.000
48 X= 224.446 Y=2.990 Z=0.000
49 X= 229.408 Y=2.492 Z=0.000
50 X= 234.367 Y=1.950 Z=0.000
51 X= 239.324 Y=1.393 Z=0.000
52 X= 244.277 Y=0.811 Z=0.000
53 X= 249.228 Y=0.204 Z=0.000
54 X= 250.712 Y=0.018 Z=0.000
55 X= 0.747 Y=0.097 Z=-0.357
56 X= 5.175 Y=-5.346 Z=-0.357
57 X= 10.098 Y=-4.757 Z=-0.357
58 X= 15.024 Y=-4.192 Z=-0.357
59 X= 19.952 Y=-3.653 Z=-0.357
60 X= 24.883 Y=-3.138 Z=-0.357
61 X= 29.817 Y=-2.642 Z=-0.357
62 X= 34.753 Y=-2.182 Z=-0.357
63 X= 39.691 Y=-1.741 Z=-0.357
64 X= 44.632 Y=-1.324 Z=-0.357
65 X= 48.091 Y=-1.048 Z=-0.357
66 X= 53.033 Y=-0.873 Z=-0.357
67 X= 57.980 Y=-0.729 Z=-0.357
68 X= 62.928 Y=-0.001 Z=-0.357
69 X= 67.877 Y=-0.301 Z=-0.357
70 X= 72.827 Y=-0.577 Z=-0.357
71 X= 77.778 Y=-0.827 Z=-0.357
72 X= 82.731 Y=-1.053 Z=-0.357
73 X= 87.685 Y=-1.254 Z=-0.357
74 X= 92.640 Y=-1.431 Z=-0.357
75 X= 96.109 Y=-1.539 Z=-0.357
76 X= 99.578 Y=-1.636 Z=-0.357
77 X= 104.534 Y=-1.753 Z=-0.357
78 X= 109.491 Y=-1.845 Z=-0.357
79 X= 114.449 Y=-1.912 Z=-0.357
80 X= 119.407 Y=-1.954 Z=-0.357
81 X= 124.364 Y=-1.972 Z=-0.357
82 X= 129.322 Y=-1.965 Z=-0.357
83 X= 134.280 Y=-1.933 Z=-0.357
84 X= 139.238 Y=-1.876 Z=-0.357
85 X= 144.195 Y=-1.795 Z=-0.357
86 X= 147.665 Y=-1.723 Z=-0.357
87 X= 151.134 Y=-1.639 Z=-0.357
88 X= 156.090 Y=-1.498 Z=-0.357
89 X= 161.045 Y=-1.333 Z=-0.357
90 X= 166.000 Y=-1.142 Z=-0.357
91 X= 170.953 Y=-0.927 Z=-0.357
92 X= 175.905 Y=-0.687 Z=-0.357
93 X= 180.856 Y=-0.422 Z=-0.357
94 X= 185.805 Y=-0.133 Z=-0.357
95 X= 190.753 Y=-0.182 Z=-0.357
96 X= 195.699 Y=-0.527 Z=-0.357
97 X= 199.161 Y=-0.773 Z=-0.357
98 X= 204.104 Y=-1.154 Z=-0.357
99 X= 209.045 Y=-1.559 Z=-0.357
100 X= 213.985 Y=-1.990 Z=-0.357
101 X= 218.922 Y=-2.445 Z=-0.357
102 X= 223.858 Y=-2.912 Z=-0.357
103 X= 228.788 Y=-3.429 Z=-0.357
104 X= 233.718 Y=-3.958 Z=-0.357
105 X= 238.645 Y=-4.512 Z=-0.357
106 X= 243.569 Y=-5.091 Z=-0.357
107 X= 248.490 Y=-5.694 Z=-0.357
108 X= 249.966 Y=-5.799 Z=-0.357
109 X= 1.495 Y=-11.794 Z=-0.713
110 X= 5.896 Y=-11.246 Z=-0.713
111 X= 10.789 Y=-10.660 Z=-0.713
112 X= 15.686 Y=-10.100 Z=-0.713
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Type=RESTRAINT DISPLACEMENT
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Add=277 Uz=-0.010
Add=283 Uz=-0.010
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Type=RESTRAINT DISPLACEMENT
Add=272 Uz=-0.010
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Type=RESTRAINT DISPLACEMENT
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Type=RESTRAINT DISPLACEMENT
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Type=RESTRAINT DISPLACEMENT
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Type=RESTRAINT DISPLACEMENT
Add=276 Uz=-0.010
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Name=-2N+1- : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
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LOAD=-P2 sf=1.000
LOAD=-P3 sf=1.000
LOAD=-P4 sf=1.000
LOAD=-P5 sf=1.000
LOAD=-2N+1- sf=1.000
LOAD=-2N+2- sf=1.000
OUTPUT
Elem=Joint Type=Disp.REAC Load=** Comb=**
Elem=Frame Type=Force Load=** Comb=**

■ 청도1교 대구방향(P9) 하부 input

; AAbutPier SAP2000 6~7 데이터파일 : 교각 본체

; TITLE : P9

SYSTEM

DOF=UX,UY,UZ,RX,RY,RZ LENGTH=M FORCE=KN

JOINT

11.1300	1	X=	0.0000	Y=	0.0000	Z=
11.1300	2	X=	1.8000	Y=	0.0000	Z=
11.1300	3	X=	1.9250	Y=	0.0000	Z=
11.1300	4	X=	2.1000	Y=	0.0000	Z=
11.1300	5	X=	2.9000	Y=	0.0000	Z=
11.1300	6	X=	3.8750	Y=	0.0000	Z=
11.1300	7	X=	5.1000	Y=	0.0000	Z=
11.1300	8	X=	5.6000	Y=	0.0000	Z=
11.1300	9	X=	5.8000	Y=	0.0000	Z=
11.1300	10	X=	6.0000	Y=	0.0000	Z=
11.1300	11	X=	6.5000	Y=	0.0000	Z=
11.1300	12	X=	7.7250	Y=	0.0000	Z=
11.1300	13	X=	8.7000	Y=	0.0000	Z=
11.1300	14	X=	9.5000	Y=	0.0000	Z=
11.1300	15	X=	9.6750	Y=	0.0000	Z=
11.1300	16	X=	9.8000	Y=	0.0000	Z=
11.1300	17	X=	11.6000	Y=	0.0000	Z=
11.1300	18	X=	2.9000	Y=	0.0000	Z=
0.0000	19	X=	8.7000	Y=	0.0000	Z=
0.0000						

RESTRAINT

ADD=18 DOF=U1, U2, U3, R1, R2, R3
ADD=19 DOF=U1, U2, U3, R1, R2, R3

MATERIAL

NAME=CONC1 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005
NAME=CONC2 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005
NAME=CONC3 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005

FRAME SECTION

NAME=COPP01 TYPE=PRISM MAT=CONC1 SH=R
T=1.5, 2.5
NAME=COPP02 TYPE=PRISM MAT=CONC1 SH=R
T=1.8, 2.5
NAME=COPP03 TYPE=PRISM MAT=CONC1 SH=R
T=1.944, 2.5
NAME=COPP04 TYPE=PRISM MAT=CONC1 SH=R
T=2.1, 2.5
NAME=COPP05 TYPE=PRISM MAT=CONC1 SH=R
T=2.244, 2.5
NAME=COPP06 TYPE=PRISM MAT=CONC1 SH=R
T=2.544, 2.5
NAME=COLUP TYPE=PRISM MAT=CONC2
A=3.80133 I=1.1499,1.1499 J=2.2998
AS=3.42119,3.42119
NAME=COLDN TYPE=PRISM MAT=CONC2
A=3.80133 I=1.1499,1.1499 J=2.2998
AS=3.42119,3.42119
NAME=FOOT TYPE=PRISM MAT=CONC3 SH=R
T=3.5, 7
NAME=CP0306 TYPE=NONPR
SEC=COPP03,COPP06 EIVAR=2, 1
NAME=CP0606 TYPE=NONPR
SEC=COPP06,COPP06 EIVAR=2, 1
NAME=CP0605 TYPE=NONPR
SEC=COPP06,COPP05 EIVAR=2, 1
NAME=CP0505 TYPE=NONPR
SEC=COPP05,COPP05 EIVAR=2, 1
NAME=CP0202 TYPE=NONPR
SEC=COPP02,COPP02 EIVAR=2, 1
NAME=CP0204 TYPE=NONPR
SEC=COPP02,COPP04 EIVAR=2, 1
NAME=CP0404 TYPE=NONPR
SEC=COPP04,COPP04 EIVAR=2, 1

NAME=CP0401
SEC=COPP04,COPP01 EIVAR=2, 1
NAME=COLUMN
SEC=COLUP,COLDN EIVAR=2, 1

TYPE=NONPR

TYPE=NONPR

FRAME

1 J= 1, 2 SEC=CP0306 NSEG=4 ANG=0
2 J= 2, 3 SEC=CP0606 NSEG=4 ANG=0
3 J= 3, 4 SEC=CP0606 NSEG=4 ANG=0
4 J= 4, 5 SEC=CP0606 NSEG=4 ANG=0
5 J= 5, 6 SEC=CP0606 NSEG=4 ANG=0
6 J= 6, 7 SEC=CP0605 NSEG=4 ANG=0
7 J= 7, 8 SEC=CP0505 NSEG=4 ANG=0
8 J= 8, 9 SEC=CP0505 NSEG=4 ANG=0
9 J= 9, 10 SEC=CP0202 NSEG=4 ANG=0
10 J= 10, 11 SEC=CP0202 NSEG=4 ANG=0
11 J= 11, 12 SEC=CP0204 NSEG=4 ANG=0
12 J= 12, 13 SEC=CP0404 NSEG=4 ANG=0
13 J= 13, 14 SEC=CP0404 NSEG=4 ANG=0
14 J= 14, 15 SEC=CP0404 NSEG=4 ANG=0
15 J= 15, 16 SEC=CP0404 NSEG=4 ANG=0
16 J= 16, 17 SEC=CP0401 NSEG=4 ANG=0
17 J= 5, 18 SEC=COLUMN IOFF=1.572 RIGID=1
NSEG=4 ANG=0
18 J= 13, 19 SEC=COLUMN IOFF=1.572 RIGID=1
NSEG=4 ANG=0

LOAD

:상부 고정하중 반력
NAME=D SW=1
TYPE=FORCE
ADD=4 UZ=-6216.29
ADD=14 UZ=-5368.32

:상부 활하중 반력 : LC1
NAME=L1
TYPE=FORCE
ADD=4 UZ=-2019.93
ADD=14 UZ=-2170.48

:풍하중 : 교축방향

NAME=W-LO
TYPE=Distributed Span
ADD= 1 RD=0.0000, 1.0000 UY= 5.832,
7.632
ADD= 2 RD=0.0000, 1.0000 UY= 7.632,
7.632
ADD= 3 RD=0.0000, 1.0000 UY= 7.632,
7.632
ADD= 4 RD=0.0000, 1.0000 UY= 7.632,
7.632
ADD= 5 RD=0.0000, 1.0000 UY= 7.632,
7.632
ADD= 6 RD=0.0000, 1.0000 UY= 7.632,
6.732
ADD= 7 RD=0.0000, 1.0000 UY= 6.732,
6.732
ADD= 8 RD=0.0000, 1.0000 UY= 6.732,
6.732
ADD= 9 RD=0.0000, 1.0000 UY= 5.400,
5.400
ADD=10 RD=0.0000, 1.0000 UY= 5.400,
5.400
ADD=11 RD=0.0000, 1.0000 UY= 5.400,
6.300
ADD=12 RD=0.0000, 1.0000 UY= 6.300,
6.300
ADD=13 RD=0.0000, 1.0000 UY= 6.300,
6.300
ADD=14 RD=0.0000, 1.0000 UY= 6.300,
6.300
ADD=15 RD=0.0000, 1.0000 UY= 6.300,
6.300
ADD=16 RD=0.0000, 1.0000 UY= 6.300,
4.500
ADD=17 RD=0.1410, 0.6550 UY= 3.300,
3.300
ADD=18 RD=0.1410, 0.6550 UY= 3.300,
3.300

:교량받침마찰에 의한 수평력

NAME=G-LO2
TYPE=FORCE
ADD=4 UY=310.814 RX=-426.437
ADD=14 UY=268.416 RX=-368.267

:지진하중 : 교축방향

NAME=E-LO

:풍하중 : 교축직각방향
NAME=W-TR
TYPE=Distributed Span
ADD=17 RD=0.1410, 0.6550 UX= 3.300,
3.300
ADD=18 RD=0.1410, 0.6550 UX= 1.650,
1.650
TYPE=FORCE

ADD=1 UX=19.08
ADD=4 UX=350.766 RY=1179.28
ADD=14 UX=350.766 RY=1179.28

:활하중에 작용하는 풍하중

NAME=WL
TYPE=FORCE
ADD=4 UX=39 RY=222.69
ADD=14 UX=39 RY=222.69

:온도변화에 의한 수평력 : 교축직각방향

NAME=G-TR
TYPE=Temperature ELEM=FRAME
ADD= 1 T=10
ADD= 2 T=10
ADD= 3 T=10
ADD= 4 T=10
ADD= 5 T=10
ADD= 6 T=10
ADD= 7 T=10
ADD= 8 T=10
ADD= 9 T=10
ADD=10 T=10
ADD=11 T=10
ADD=12 T=10
ADD=13 T=10
ADD=14 T=10
ADD=15 T=10
ADD=16 T=10

:지진하중 : 교축직각방향

NAME=E-TR

:유수압,조류예의한 하중
NAME=Q1-TR
TYPE=Concentrated Span
ADD=17 RD=0.7020 UX= 7.163
ADD=18 RD=0.7020 UX= 7.163

:유목,선박,기타부유물의 충돌하중

NAME=COL-TR
TYPE=Concentrated Span
ADD=17 RD=0.6550 UX=12.500
ADD=18 RD=0.6550 UX=12.500

COMBO

NAME=SVB01 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
NAME=SVB02 TYPE=ADD
LOAD= D SF= 1.000
NAME=SVB03 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 1.000
NAME=SVB04 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
LOAD= W-LO SF= 0.500
NAME=SVB05 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 0.500
NAME=SVB06 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
LOAD= G-LO2 SF= 1.000
NAME=SVB07 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
NAME=SVB08 TYPE=ADD
LOAD= D SF= 1.000
LOAD= G-LO2 SF= 1.000
NAME=SVB09 TYPE=ADD
LOAD= D SF= 1.000
NAME=SVB10 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 1.000
LOAD= G-LO2 SF= 1.000
NAME=SVB11 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 1.000
LOAD= W-LO SF= 0.500
NAME=SVB12 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
LOAD= W-LO SF= 0.500
NAME=SVB13 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
LOAD= W-LO SF= 0.500
NAME=SVB14 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 0.500
LOAD= G-LO2 SF= 1.000
NAME=SVB15 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 0.500
NAME=ULB01 TYPE=ADD


```

LOAD=      D   SF= 1.000
LOAD=     L1   SF= 1.300
LOAD=    G-TR   SF= 1.300
LOAD=   Q1-TR   SF= 1.300
NAME=UEO07 TYPE=ADD
LOAD=      D   SF= 1.000
LOAD=     L1   SF= 1.300
LOAD=   Q1-TR   SF= 1.300
NAME=UEO08 TYPE=ADD
LOAD=      D   SF= 1.000
LOAD=    G-TR   SF= 1.300
LOAD=   Q1-TR   SF= 1.300
NAME=UEO09 TYPE=ADD
LOAD=      D   SF= 1.000
LOAD=   Q1-TR   SF= 1.300
NAME=UEO10 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=    W-TR   SF= 1.250
LOAD=    G-TR   SF= 1.250
LOAD=   Q1-TR   SF= 1.250
NAME=UEO11 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=    W-TR   SF= 1.250
LOAD=   Q1-TR   SF= 1.250
NAME=UEO12 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=     L1   SF= 1.250
LOAD=    W-TR   SF= 0.625
LOAD=     WL   SF= 1.250
LOAD=    G-TR   SF= 1.250
LOAD=   Q1-TR   SF= 1.250
NAME=UEO13 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=     L1   SF= 1.250
LOAD=    W-TR   SF= 0.625
LOAD=     WL   SF= 1.250
LOAD=   Q1-TR   SF= 1.250
NAME=UEO14 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=    W-TR   SF= 0.625
LOAD=     WL   SF= 1.250
LOAD=    G-TR   SF= 1.250
LOAD=   Q1-TR   SF= 1.250
NAME=UEO15 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=    W-TR   SF= 0.625
LOAD=     WL   SF= 1.250
LOAD=   Q1-TR   SF= 1.250
NAME=UEO16 TYPE=ADD
LOAD=      D   SF= 1.000
LOAD=   Q1-TR   SF= 1.000
NAME=UEO17 TYPE=ADD
LOAD=      D   SF= 1.000
LOAD=     L1   SF= 1.300
LOAD=   Q1-TR   SF= 1.300
NAME=UEO18 TYPE=ADD
LOAD=      D   SF= 0.900
LOAD=    W-TR   SF= 1.200
LOAD=   Q1-TR   SF= 1.200
NAME=ENVBULT TYPE=ENVE
COMB=  ULB01   SF= 1.000
NAME=ENVBECCE TYPE=ENVE
COMB=  UEB01   SF= 1.000
COMB=  UEB02   SF= 1.000
NAME=ENVOULT TYPE=ENVE
COMB=  ULO01   SF= 1.000
NAME=ENVOECC TYPE=ENVE
COMB=  UEO01   SF= 1.000
COMB=  UEO02   SF= 1.000
OUTPUT
  ELEM=JOINT   TYPE=REAC,DISP,APP   LOAD=*
COMB=*  HIST=* SPEC=*
  ELEM=FRAME   TYPE=FORCE           LOAD=*
COMB=*  HIST=* SPEC=*

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■ 청도1교 대구방향(P11) 하부 input

: AAbutPier SAP2000 6~7 데이터파일 : 교각 본체

: TITLE : P11

SYSTEM
DOF=UX,UY,UZ,RX,RY,RZ LENGTH=M FORCE=KN

JOINT
1 X= 0.0000 Y= 0.0000 Z=
11.1300
2 X= 1.8000 Y= 0.0000 Z=
11.1300
3 X= 1.9250 Y= 0.0000 Z=
11.1300
4 X= 2.1000 Y= 0.0000 Z=
11.1300
5 X= 2.9000 Y= 0.0000 Z=
11.1300
6 X= 3.8750 Y= 0.0000 Z=
11.1300
7 X= 5.1000 Y= 0.0000 Z=
11.1300
8 X= 5.6000 Y= 0.0000 Z=
11.1300
9 X= 5.8000 Y= 0.0000 Z=
11.1300
10 X= 6.0000 Y= 0.0000 Z=
11.1300
11 X= 6.5000 Y= 0.0000 Z=
11.1300
12 X= 7.7250 Y= 0.0000 Z=
11.1300
13 X= 8.7000 Y= 0.0000 Z=
11.1300
14 X= 9.5000 Y= 0.0000 Z=
11.1300
15 X= 9.6750 Y= 0.0000 Z=
11.1300
16 X= 9.8000 Y= 0.0000 Z=
11.1300
17 X= 11.6000 Y= 0.0000 Z=
11.1300
18 X= 2.9000 Y= 0.0000 Z=
0.0000
19 X= 8.7000 Y= 0.0000 Z=
0.0000

RESTRAINT
ADD=18 DOF=U1, U2, U3, R1, R2, R3
ADD=19 DOF=U1, U2, U3, R1, R2, R3

MATERIAL
NAME=CONC1 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005
NAME=CONC2 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005
NAME=CONC3 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005

FRAME SECTION
NAME=COPP01 TYPE=PRISM MAT=CONC1 SH=R
T=1.5, 2.5
NAME=COPP02 TYPE=PRISM MAT=CONC1 SH=R
T=1.8, 2.5
NAME=COPP03 TYPE=PRISM MAT=CONC1 SH=R
T=1.944, 2.5
NAME=COPP04 TYPE=PRISM MAT=CONC1 SH=R
T=2.1, 2.5
NAME=COPP05 TYPE=PRISM MAT=CONC1 SH=R
T=2.244, 2.5
NAME=COPP06 TYPE=PRISM MAT=CONC1 SH=R
T=2.544, 2.5
NAME=COLUP TYPE=PRISM MAT=CONC2
A=3.80133 I=1.1499,1.1499 J=2.2998
AS=3.42119,3.42119
NAME=COLDN TYPE=PRISM MAT=CONC2
A=3.80133 I=1.1499,1.1499 J=2.2998
AS=3.42119,3.42119
NAME=FOOT TYPE=PRISM MAT=CONC3 SH=R
T=3.5, 7
NAME=CP0306 TYPE=NONPR
SEC=COPP03,COPP06 EIVAR=2, 1
NAME=CP0606 TYPE=NONPR
SEC=COPP06,COPP06 EIVAR=2, 1
NAME=CP0605 TYPE=NONPR
SEC=COPP06,COPP05 EIVAR=2, 1
NAME=CP0505 TYPE=NONPR
SEC=COPP05,COPP05 EIVAR=2, 1
NAME=CP0202 TYPE=NONPR
SEC=COPP02,COPP02 EIVAR=2, 1
NAME=CP0204 TYPE=NONPR
SEC=COPP02,COPP04 EIVAR=2, 1
NAME=CP0404 TYPE=NONPR
SEC=COPP04,COPP04 EIVAR=2, 1

NAME=CP0401 TYPE=NONPR
SEC=COPP04,COPP01 EIVAR=2, 1
NAME=COLUMN TYPE=NONPR
SEC=COLUP,COLDN EIVAR=2, 1

FRAME
1 J= 1, 2 SEC=CP0306 NSEG=4 ANG=0
2 J= 2, 3 SEC=CP0606 NSEG=4 ANG=0
3 J= 3, 4 SEC=CP0606 NSEG=4 ANG=0
4 J= 4, 5 SEC=CP0606 NSEG=4 ANG=0
5 J= 5, 6 SEC=CP0606 NSEG=4 ANG=0
6 J= 6, 7 SEC=CP0605 NSEG=4 ANG=0
7 J= 7, 8 SEC=CP0505 NSEG=4 ANG=0
8 J= 8, 9 SEC=CP0505 NSEG=4 ANG=0
9 J= 9, 10 SEC=CP0202 NSEG=4 ANG=0
10 J= 10, 11 SEC=CP0202 NSEG=4 ANG=0
11 J= 11, 12 SEC=CP0204 NSEG=4 ANG=0
12 J= 12, 13 SEC=CP0404 NSEG=4 ANG=0
13 J= 13, 14 SEC=CP0404 NSEG=4 ANG=0
14 J= 14, 15 SEC=CP0404 NSEG=4 ANG=0
15 J= 15, 16 SEC=CP0404 NSEG=4 ANG=0
16 J= 16, 17 SEC=CP0401 NSEG=4 ANG=0
17 J= 5, 18 SEC=COLUMN IOFF=1.572 RIGID=1
NSEG=4 ANG=0
18 J= 13, 19 SEC=COLUMN IOFF=1.572 RIGID=1
NSEG=4 ANG=0

LOAD
:상부 고정하중 반력
NAME=D SW=1
TYPE=FORCE
ADD=4 UZ=-5836.56
ADD=14 UZ=-5476.53

:상부 활하중 반력 : LC1
NAME=L1
TYPE=FORCE
ADD=4 UZ=-1777.86
ADD=14 UZ=-1881.68

:풍하중 : 교축방향
NAME=W-LO
TYPE=Distributed Span
ADD= 1 RD=0.0000, 1.0000 UY= 5.832,
7.632
ADD= 2 RD=0.0000, 1.0000 UY= 7.632,
7.632
ADD= 3 RD=0.0000, 1.0000 UY= 7.632,
7.632
ADD= 4 RD=0.0000, 1.0000 UY= 7.632,
7.632
ADD= 5 RD=0.0000, 1.0000 UY= 7.632,
7.632
ADD= 6 RD=0.0000, 1.0000 UY= 7.632,
6.732
ADD= 7 RD=0.0000, 1.0000 UY= 6.732,
6.732
ADD= 8 RD=0.0000, 1.0000 UY= 6.732,
6.732
ADD= 9 RD=0.0000, 1.0000 UY= 5.400,
5.400
ADD=10 RD=0.0000, 1.0000 UY= 5.400,
5.400
ADD=11 RD=0.0000, 1.0000 UY= 5.400,
6.300
ADD=12 RD=0.0000, 1.0000 UY= 6.300,
6.300
ADD=13 RD=0.0000, 1.0000 UY= 6.300,
6.300
ADD=14 RD=0.0000, 1.0000 UY= 6.300,
6.300
ADD=15 RD=0.0000, 1.0000 UY= 6.300,
6.300
ADD=16 RD=0.0000, 1.0000 UY= 6.300,
4.500
ADD=17 RD=0.1410, 0.7290 UY= 3.300,
3.300
ADD=18 RD=0.1410, 0.7290 UY= 3.300,
3.300

:교량받침마찰에 의한 수평력
NAME=G-LO2
TYPE=FORCE
ADD=4 UY=291.828 RX=-400.388
ADD=14 UY=273.827 RX=-375.69

:지진하중 : 교축방향
NAME=E-LO

:풍하중 : 교축직각방향
NAME=W-TR
TYPE=Distributed Span
ADD=17 RD=0.1410, 0.7290 UX= 3.300,
3.300
ADD=18 RD=0.1410, 0.7290 UX= 1.650,
1.650
TYPE=FORCE

ADD=1 UX=19.08
ADD=4 UX=350.766 RY=1179.28
ADD=14 UX=350.766 RY=1179.28

:활하중에 작용하는 풍하중
NAME=WL
TYPE=FORCE
ADD=4 UX=39 RY=222.69
ADD=14 UX=39 RY=222.69

:온도변화에 의한 수평력 : 교축직각방향
NAME=G-TR
TYPE=Temperature ELEM=FRAME
ADD= 1 T=10
ADD= 2 T=10
ADD= 3 T=10
ADD= 4 T=10
ADD= 5 T=10
ADD= 6 T=10
ADD= 7 T=10
ADD= 8 T=10
ADD= 9 T=10
ADD=10 T=10
ADD=11 T=10
ADD=12 T=10
ADD=13 T=10
ADD=14 T=10
ADD=15 T=10
ADD=16 T=10

:지진하중 : 교축직각방향
NAME=E-TR

:유수압,조류예의한 하중
NAME=Q1-TR
TYPE=Concentrated Span
ADD=17 RD=0.7610 UX= 4.946
ADD=18 RD=0.7610 UX= 4.946

:유목,선박,기타부유물의 충돌하중
NAME=COL-TR
TYPE=Concentrated Span
ADD=17 RD=0.7290 UX=12.500
ADD=18 RD=0.7290 UX=12.500

COMBO
NAME=SVB01 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
NAME=SVB02 TYPE=ADD
LOAD= D SF= 1.000
NAME=SVB03 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 1.000
NAME=SVB04 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
LOAD= W-LO SF= 0.500
NAME=SVB05 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 0.500
NAME=SVB06 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
LOAD= G-LO2 SF= 1.000
NAME=SVB07 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
NAME=SVB08 TYPE=ADD
LOAD= D SF= 1.000
LOAD= G-LO2 SF= 1.000
NAME=SVB09 TYPE=ADD
LOAD= D SF= 1.000
NAME=SVB10 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 1.000
LOAD= G-LO2 SF= 1.000
NAME=SVB11 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 1.000
NAME=SVB12 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
LOAD= W-LO SF= 0.500
LOAD= G-LO2 SF= 1.000
NAME=SVB13 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
LOAD= W-LO SF= 0.500
NAME=SVB14 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 0.500
LOAD= G-LO2 SF= 1.000
NAME=SVB15 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 0.500
NAME=ULB01 TYPE=ADD


```
LOAD=      D   SF= 1.000
LOAD=     L1   SF= 1.300
LOAD=    G-TR   SF= 1.300
LOAD=    Q1-TR   SF= 1.300
NAME=UEO07 TYPE=ADD
LOAD=      D   SF= 1.000
LOAD=     L1   SF= 1.300
LOAD=    Q1-TR   SF= 1.300
NAME=UEO08 TYPE=ADD
LOAD=      D   SF= 1.000
LOAD=    G-TR   SF= 1.300
LOAD=    Q1-TR   SF= 1.300
NAME=UEO09 TYPE=ADD
LOAD=      D   SF= 1.000
LOAD=    Q1-TR   SF= 1.300
NAME=UEO10 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=    W-TR   SF= 1.250
LOAD=    G-TR   SF= 1.250
LOAD=    Q1-TR   SF= 1.250
NAME=UEO11 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=    W-TR   SF= 1.250
LOAD=    Q1-TR   SF= 1.250
NAME=UEO12 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=     L1   SF= 1.250
LOAD=    W-TR   SF= 0.625
LOAD=     WL   SF= 1.250
LOAD=    G-TR   SF= 1.250
LOAD=    Q1-TR   SF= 1.250
NAME=UEO13 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=     L1   SF= 1.250
LOAD=    W-TR   SF= 0.625
LOAD=     WL   SF= 1.250
LOAD=    Q1-TR   SF= 1.250
NAME=UEO14 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=    W-TR   SF= 0.625
LOAD=     WL   SF= 1.250
LOAD=    G-TR   SF= 1.250
LOAD=    Q1-TR   SF= 1.250
NAME=UEO15 TYPE=ADD
LOAD=      D   SF= 0.950
LOAD=    W-TR   SF= 0.625
LOAD=     WL   SF= 1.250
LOAD=    Q1-TR   SF= 1.250
NAME=UEO16 TYPE=ADD
LOAD=      D   SF= 1.000
LOAD=    Q1-TR   SF= 1.000
NAME=UEO17 TYPE=ADD
LOAD=      D   SF= 1.000
LOAD=     L1   SF= 1.300
LOAD=    Q1-TR   SF= 1.300
NAME=UEO18 TYPE=ADD
LOAD=      D   SF= 0.900
LOAD=    W-TR   SF= 1.200
LOAD=    Q1-TR   SF= 1.200
NAME=ENVBULT TYPE=ENVE
COMB=   ULB01   SF= 1.000
NAME=ENVBECCE TYPE=ENVE
COMB=   UEB01   SF= 1.000
COMB=   UEB02   SF= 1.000
NAME=ENVOULT TYPE=ENVE
COMB=   ULO01   SF= 1.000
NAME=ENVOECC TYPE=ENVE
COMB=   UEO01   SF= 1.000
COMB=   UEO02   SF= 1.000
OUTPUT
  ELEM=JOINT   TYPE=REAC,DISP,APP   LOAD=*
COMB=*  HIST=*  SPEC=*
  ELEM=FRAME   TYPE=FORCE           LOAD=*
COMB=*  HIST=*  SPEC=*
```

■ 청도1교 부산방향(P9) 하부 input

: AAbutPier SAP2000 6~7 데이터파일 : 교각 본체

: TITLE : P9

SYSTEM
DOF=UX,UY,UZ,RX,RY,RZ LENGTH=M FORCE=KN

JOINT
1 X= 0.0000 Y= 0.0000 Z=
10.6065 2 X= 1.5560 Y= 0.0000 Z=
10.6065 3 X= 2.5000 Y= 0.0000 Z=
10.6065 4 X= 2.6250 Y= 0.0000 Z=
10.6065 5 X= 3.6000 Y= 0.0000 Z=
10.6065 6 X= 4.5750 Y= 0.0000 Z=
10.6065 7 X= 4.8000 Y= 0.0000 Z=
10.6065 8 X= 5.8000 Y= 0.0000 Z=
10.6065 9 X= 7.3000 Y= 0.0000 Z=
10.6065 10 X= 7.5000 Y= 0.0000 Z=
10.6065 11 X= 7.7000 Y= 0.0000 Z=
10.6065 12 X= 9.2000 Y= 0.0000 Z=
10.6065 13 X= 10.2000 Y= 0.0000 Z=
10.6065 14 X= 10.4250 Y= 0.0000 Z=
10.6065 15 X= 11.4000 Y= 0.0000 Z=
10.6065 16 X= 12.3750 Y= 0.0000 Z=
10.6065 17 X= 12.5000 Y= 0.0000 Z=
10.6065 18 X= 13.4440 Y= 0.0000 Z=
10.6065 19 X= 15.0000 Y= 0.0000 Z=
10.6065 20 X= 3.6000 Y= 0.0000 Z=
0.0000 21 X= 11.4000 Y= 0.0000 Z=
0.0000

RESTRAINT
ADD=20 DOF=U1, U2, U3, R1, R2, R3
ADD=21 DOF=U1, U2, U3, R1, R2, R3

MATERIAL
NAME=CONC1 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005
NAME=CONC2 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005
NAME=CONC3 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005

FRAME SECTION
NAME=COPP01 TYPE=PRISM MAT=CONC1 SH=R
T=1.5, 3
NAME=COPP02 TYPE=PRISM MAT=CONC1 SH=R
T=2.122, 3
NAME=COPP03 TYPE=PRISM MAT=CONC1 SH=R
T=2.213, 3
NAME=COPP04 TYPE=PRISM MAT=CONC1 SH=R
T=2.356, 3
NAME=COPP05 TYPE=PRISM MAT=CONC1 SH=R
T=2.466, 3
NAME=COPP06 TYPE=PRISM MAT=CONC1 SH=R
T=2.49, 3
NAME=COPP07 TYPE=PRISM MAT=CONC1 SH=R
T=2.5, 3
NAME=COPP08 TYPE=PRISM MAT=CONC1 SH=R
T=2.823, 3
NAME=COPP09 TYPE=PRISM MAT=CONC1 SH=R
T=2.835, 3
NAME=COPP10 TYPE=PRISM MAT=CONC1 SH=R
T=3.18, 3
NAME=COPP11 TYPE=PRISM MAT=CONC1 SH=R
T=3.213, 3
NAME=COLUP TYPE=PRISM MAT=CONC2
A=3.80133 I=1.1499,1.1499 J=2.2998
AS=3.42119,3.42119
NAME=COLDN TYPE=PRISM MAT=CONC2
A=3.80133 I=1.1499,1.1499 J=2.2998
AS=3.42119,3.42119
NAME=FOOT TYPE=PRISM MAT=CONC3 SH=R
T=3.85, 7.7

NAME=CP0309
SEC=COPP03,COPP09 EIVAR=2, 1
NAME=CP0911
SEC=COPP09,COPP11 EIVAR=2, 1
NAME=CP1111
SEC=COPP11,COPP11 EIVAR=2, 1
NAME=CP1110
SEC=COPP11,COPP10 EIVAR=2, 1
NAME=CP0806
SEC=COPP08,COPP06 EIVAR=2, 1
NAME=CP0604
SEC=COPP06,COPP04 EIVAR=2, 1
NAME=CP0404
SEC=COPP04,COPP04 EIVAR=2, 1
NAME=CP0406
SEC=COPP04,COPP06 EIVAR=2, 1
NAME=CP0608
SEC=COPP06,COPP08 EIVAR=2, 1
NAME=CP0507
SEC=COPP05,COPP07 EIVAR=2, 1
NAME=CP0707
SEC=COPP07,COPP07 EIVAR=2, 1
NAME=CP0702
SEC=COPP07,COPP02 EIVAR=2, 1
NAME=CP0201
SEC=COPP02,COPP01 EIVAR=2, 1
NAME=COLUMN
SEC=COLUP,COLDN EIVAR=2, 1

FRAME
1 J= 1, 2 SEC=CP0309 NSEG=4 ANG=0
2 J= 2, 3 SEC=CP0911 NSEG=4 ANG=0
3 J= 3, 4 SEC=CP1111 NSEG=4 ANG=0
4 J= 4, 5 SEC=CP1111 NSEG=4 ANG=0
5 J= 5, 6 SEC=CP1111 NSEG=4 ANG=0
6 J= 6, 7 SEC=CP1110 NSEG=4 ANG=0
7 J= 7, 8 SEC=CP0806 NSEG=4 ANG=0
8 J= 8, 9 SEC=CP0604 NSEG=4 ANG=0
9 J= 9, 10 SEC=CP0404 NSEG=4 ANG=0
10 J= 10, 11 SEC=CP0404 NSEG=4 ANG=0
11 J= 11, 12 SEC=CP0406 NSEG=4 ANG=0
12 J= 12, 13 SEC=CP0608 NSEG=4 ANG=0
13 J= 13, 14 SEC=CP0507 NSEG=4 ANG=0
14 J= 14, 15 SEC=CP0707 NSEG=4 ANG=0
15 J= 15, 16 SEC=CP0707 NSEG=4 ANG=0
16 J= 16, 17 SEC=CP0707 NSEG=4 ANG=0
17 J= 17, 18 SEC=CP0702 NSEG=4 ANG=0
18 J= 18, 19 SEC=CP0201 NSEG=4 ANG=0
19 J= 5, 20 SEC=COLUMN IOFF=2.1065
RIGID=1 NSEG=4 ANG=0
20 J= 15, 21 SEC=COLUMN IOFF=2.1065
RIGID=1 NSEG=4 ANG=0

LOAD
:상부 고정하중 반력
NAME=D SW=1
TYPE=FORCE
ADD=2 UZ=-5219.44
ADD=10 UZ=-5262.95
ADD=18 UZ=-5310.51
:상부 활하중 반력 : LC1
NAME=L1
TYPE=FORCE
ADD=2 UZ=-1638.47
ADD=10 UZ=-1668.86
ADD=18 UZ=-1573.98

:풍하중 : 교축방향
NAME=W-LO
TYPE=Distributed Span
ADD= 1 RD=0.0000, 1.0000 UY= 6.639,
8.505
ADD= 2 RD=0.0000, 1.0000 UY= 8.505,
9.639
ADD= 3 RD=0.0000, 1.0000 UY= 9.639,
9.639
ADD= 4 RD=0.0000, 1.0000 UY= 9.639,
9.639
ADD= 5 RD=0.0000, 1.0000 UY= 9.639,
9.639
ADD= 6 RD=0.0000, 1.0000 UY= 9.639,
9.540
ADD= 7 RD=0.0000, 1.0000 UY= 8.469,
7.470
ADD= 8 RD=0.0000, 1.0000 UY= 7.470,
7.068
ADD= 9 RD=0.0000, 1.0000 UY= 7.068,
7.068
ADD=10 RD=0.0000, 1.0000 UY= 7.068,
7.068
ADD=11 RD=0.0000, 1.0000 UY= 7.068,
7.470
ADD=12 RD=0.0000, 1.0000 UY= 7.470,
8.469
ADD=13 RD=0.0000, 1.0000 UY= 7.398,
7.500

ADD=14 RD=0.0000, 1.0000 UY= 7.500,
7.500
ADD=15 RD=0.0000, 1.0000 UY= 7.500,
7.500
ADD=16 RD=0.0000, 1.0000 UY= 7.500,
7.500
ADD=17 RD=0.0000, 1.0000 UY= 7.500,
6.366
ADD=18 RD=0.0000, 1.0000 UY= 6.366,
4.500
ADD=19 RD=0.1990, 0.6050 UY= 3.300,
3.300
ADD=20 RD=0.1990, 0.6050 UY= 3.300,
3.300
:교량받침마찰에 의한 수평력
NAME=G-LO2
TYPE=FORCE
ADD=2 UY=260.972 RX=-393.154
ADD=10 UY=263.148 RX=-396.432
ADD=18 UY=265.526 RX=-400.014
:지진하중 : 교축방향
NAME=E-LO
:풍하중 : 교축직각방향
NAME=W-TR
TYPE=Distributed Span
ADD=19 RD=0.1990, 0.6050 UX= 3.300,
3.300
ADD=20 RD=0.1990, 0.6050 UX= 3.300,
3.300
TYPE=FORCE
ADD=1 UX=28.917
ADD=2 UX=217.592 RY=760.811
ADD=10 UX=217.592 RY=760.811
ADD=18 UX=217.592 RY=760.811
:활하중에 작용하는 풍하중
NAME=WL
TYPE=FORCE
ADD=2 UX=26 RY=151.957
ADD=10 UX=26 RY=151.957
ADD=18 UX=26 RY=151.957
:온도변화에 의한 수평력 : 교축직각방향
NAME=G-TR
TYPE=Temperature ELEM=FRAME
ADD= 1 T=10
ADD= 2 T=10
ADD= 3 T=10
ADD= 4 T=10
ADD= 5 T=10
ADD= 6 T=10
ADD= 7 T=10
ADD= 8 T=10
ADD= 9 T=10
ADD=10 T=10
ADD=11 T=10
ADD=12 T=10
ADD=13 T=10
ADD=14 T=10
ADD=15 T=10
ADD=16 T=10
ADD=17 T=10
ADD=18 T=10
:지진하중 : 교축직각방향
NAME=E-TR
:유수압,조류예의한 하중
NAME=Q1-TR
TYPE=Concentrated Span
ADD=19 RD=0.6540 UX= 7.163
ADD=20 RD=0.6540 UX= 7.163
:유목,선박,기타부유물의 충돌하중
NAME=COL-TR
TYPE=Concentrated Span
ADD=19 RD=0.6050 UX=12.500
ADD=20 RD=0.6050 UX=12.500
COMBO
NAME=SVB01 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
NAME=SVB02 TYPE=ADD
LOAD= D SF= 1.000
NAME=SVB03 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 1.000
NAME=SVB04 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
LOAD= W-LO SF= 0.500
NAME=SVB05 TYPE=ADD
LOAD= D SF= 1.000

LOAD= W-TR SF= 0.625
 LOAD= WL SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=ULO16 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= Q1-TR SF= 1.000
 NAME=ULO17 TYPE=ADD
 LOAD= D SF= 1.300
 LOAD= L1 SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=ULO18 TYPE=ADD
 LOAD= D SF= 1.200
 LOAD= W-TR SF= 1.200
 LOAD= Q1-TR SF= 1.200
 NAME=UEO01 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= L1 SF= 2.150
 LOAD= Q1-TR SF= 1.300
 NAME=UEO02 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= Q1-TR SF= 1.300
 NAME=UEO03 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= W-TR SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO04 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= L1 SF= 1.300
 LOAD= W-TR SF= 0.650
 LOAD= WL SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO05 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= W-TR SF= 0.650
 LOAD= WL SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO06 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= L1 SF= 1.300
 LOAD= G-TR SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO07 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= L1 SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO08 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= G-TR SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO09 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= Q1-TR SF= 1.300
 NAME=UEO10 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= W-TR SF= 1.250
 LOAD= G-TR SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO11 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= W-TR SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO12 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= L1 SF= 1.250
 LOAD= W-TR SF= 0.625
 LOAD= WL SF= 1.250
 LOAD= G-TR SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO13 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= L1 SF= 1.250
 LOAD= W-TR SF= 0.625
 LOAD= WL SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO14 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= W-TR SF= 0.625
 LOAD= WL SF= 1.250
 LOAD= G-TR SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO15 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= W-TR SF= 0.625
 LOAD= WL SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO16 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= Q1-TR SF= 1.000
 NAME=UEO17 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= L1 SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO18 TYPE=ADD
 LOAD= D SF= 0.900
 LOAD= W-TR SF= 1.200
 LOAD= Q1-TR SF= 1.200
 NAME=ENVBULT TYPE=ENVE

COMB= ULB01 SF= 1.000
 NAME=ENVBEC TYPE=ENVE
 COMB= UEB01 SF= 1.000
 COMB= UEB02 SF= 1.000
 NAME=ENVOULT TYPE=ENVE
 COMB= ULO01 SF= 1.000
 NAME=ENVOECC TYPE=ENVE
 COMB= UEO01 SF= 1.000
 COMB= UEO02 SF= 1.000
 OUTPUT
 ELEM=JOINT TYPE=REAC,DISP,APP LOAD=*
 COMB=* HIST=* SPEC=*
 ELEM=FRAME TYPE=FORCE LOAD=*
 COMB=* HIST=* SPEC=*

■ 청도1교 부산방향(P11) 하부 input

; AabutPier SAP2000 6~7 데이터파일 : 교각 본체

; TITLE : P11

SYSTEM
DOF=UX,UY,UZ,RX,RY,RZ LENGTH=M FORCE=KN

JOINT
1 X= 0.0000 Y= 0.0000 Z=
10.6065
2 X= 1.5560 Y= 0.0000 Z=
10.6065
3 X= 2.5000 Y= 0.0000 Z=
10.6065
4 X= 2.6250 Y= 0.0000 Z=
10.6065
5 X= 3.6000 Y= 0.0000 Z=
10.6065
6 X= 4.5750 Y= 0.0000 Z=
10.6065
7 X= 4.8000 Y= 0.0000 Z=
10.6065
8 X= 5.8000 Y= 0.0000 Z=
10.6065
9 X= 7.3000 Y= 0.0000 Z=
10.6065
10 X= 7.5000 Y= 0.0000 Z=
10.6065
11 X= 7.7000 Y= 0.0000 Z=
10.6065
12 X= 9.2000 Y= 0.0000 Z=
10.6065
13 X= 10.2000 Y= 0.0000 Z=
10.6065
14 X= 10.4250 Y= 0.0000 Z=
10.6065
15 X= 11.4000 Y= 0.0000 Z=
10.6065
16 X= 12.3750 Y= 0.0000 Z=
10.6065
17 X= 12.5000 Y= 0.0000 Z=
10.6065
18 X= 13.4440 Y= 0.0000 Z=
10.6065
19 X= 15.0000 Y= 0.0000 Z=
10.6065
20 X= 3.6000 Y= 0.0000 Z=
0.0000
21 X= 11.4000 Y= 0.0000 Z=
0.0000

RESTRAINT
ADD=20 DOF=U1, U2, U3, R1, R2, R3
ADD=21 DOF=U1, U2, U3, R1, R2, R3

MATERIAL
NAME=CONC1 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005
NAME=CONC2 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005
NAME=CONC3 IDES=C M=2.54842 W=25
E=2.7849e+007 U=0.15 A=1e-005

FRAME SECTION
NAME=COPP01 TYPE=PRISM MAT=CONC1 SH=R
T=1.5, 3
NAME=COPP02 TYPE=PRISM MAT=CONC1 SH=R
T=2.122, 3
NAME=COPP03 TYPE=PRISM MAT=CONC1 SH=R
T=2.213, 3
NAME=COPP04 TYPE=PRISM MAT=CONC1 SH=R
T=2.356, 3
NAME=COPP05 TYPE=PRISM MAT=CONC1 SH=R
T=2.466, 3
NAME=COPP06 TYPE=PRISM MAT=CONC1 SH=R
T=2.49, 3
NAME=COPP07 TYPE=PRISM MAT=CONC1 SH=R
T=2.5, 3
NAME=COPP08 TYPE=PRISM MAT=CONC1 SH=R
T=2.823, 3
NAME=COPP09 TYPE=PRISM MAT=CONC1 SH=R
T=2.835, 3
NAME=COPP10 TYPE=PRISM MAT=CONC1 SH=R
T=3.18, 3
NAME=COPP11 TYPE=PRISM MAT=CONC1 SH=R
T=3.213, 3
NAME=COLUP TYPE=PRISM MAT=CONC2
A=3.80133 I=1.1499,1.1499 J=2.2998
AS=3.42119,3.42119
NAME=COLDN TYPE=PRISM MAT=CONC2
A=3.80133 I=1.1499,1.1499 J=2.2998
AS=3.42119,3.42119
NAME=FOOT TYPE=PRISM MAT=CONC3 SH=R
T=3.85, 7.7

NAME=CP0309
SEC=COPP03,COPP09 EIVAR=2, 1
NAME=CP0911
SEC=COPP09,COPP11 EIVAR=2, 1
NAME=CP1111
SEC=COPP11,COPP11 EIVAR=2, 1
NAME=CP1110
SEC=COPP11,COPP10 EIVAR=2, 1
NAME=CP0806
SEC=COPP08,COPP06 EIVAR=2, 1
NAME=CP0604
SEC=COPP06,COPP04 EIVAR=2, 1
NAME=CP0404
SEC=COPP04,COPP04 EIVAR=2, 1
NAME=CP0406
SEC=COPP04,COPP06 EIVAR=2, 1
NAME=CP0608
SEC=COPP06,COPP08 EIVAR=2, 1
NAME=CP0507
SEC=COPP05,COPP07 EIVAR=2, 1
NAME=CP0707
SEC=COPP07,COPP07 EIVAR=2, 1
NAME=CP0702
SEC=COPP07,COPP02 EIVAR=2, 1
NAME=CP0201
SEC=COPP02,COPP01 EIVAR=2, 1
NAME=COLUMN
SEC=COLUP,COLDN EIVAR=2, 1

FRAME
1 J= 1, 2 SEC=CP0309 NSEG=4 ANG=0
2 J= 2, 3 SEC=CP0911 NSEG=4 ANG=0
3 J= 3, 4 SEC=CP1111 NSEG=4 ANG=0
4 J= 4, 5 SEC=CP1111 NSEG=4 ANG=0
5 J= 5, 6 SEC=CP1111 NSEG=4 ANG=0
6 J= 6, 7 SEC=CP1110 NSEG=4 ANG=0
7 J= 7, 8 SEC=CP0806 NSEG=4 ANG=0
8 J= 8, 9 SEC=CP0604 NSEG=4 ANG=0
9 J= 9, 10 SEC=CP0404 NSEG=4 ANG=0
10 J= 10, 11 SEC=CP0404 NSEG=4 ANG=0
11 J= 11, 12 SEC=CP0406 NSEG=4 ANG=0
12 J= 12, 13 SEC=CP0608 NSEG=4 ANG=0
13 J= 13, 14 SEC=CP0507 NSEG=4 ANG=0
14 J= 14, 15 SEC=CP0707 NSEG=4 ANG=0
15 J= 15, 16 SEC=CP0707 NSEG=4 ANG=0
16 J= 16, 17 SEC=CP0707 NSEG=4 ANG=0
17 J= 17, 18 SEC=CP0702 NSEG=4 ANG=0
18 J= 18, 19 SEC=CP0201 NSEG=4 ANG=0
19 J= 5, 20 SEC=COLUMN IOFF=2.1065
RIGID=1 NSEG=4 ANG=0
20 J= 15, 21 SEC=COLUMN IOFF=2.1065
RIGID=1 NSEG=4 ANG=0

LOAD
:상부 고정하중 반력
NAME=D SW=1
TYPE=FORCE
ADD=2 UZ=-5228.95
ADD=10 UZ=-5262.46
ADD=18 UZ=-5323.7
:상부 활하중 반력 : LC1
NAME=L1
TYPE=FORCE
ADD=2 UZ=-1659.84
ADD=10 UZ=-1686.61
ADD=18 UZ=-1596.4

:풍하중 : 교축방향
NAME=W-LO
TYPE=Distributed Span
ADD= 1 RD=0.0000, 1.0000 UY= 6.639,
8.505
ADD= 2 RD=0.0000, 1.0000 UY= 8.505,
9.639
ADD= 3 RD=0.0000, 1.0000 UY= 9.639,
9.639
ADD= 4 RD=0.0000, 1.0000 UY= 9.639,
9.639
ADD= 5 RD=0.0000, 1.0000 UY= 9.639,
9.639
ADD= 6 RD=0.0000, 1.0000 UY= 9.639,
9.540
ADD= 7 RD=0.0000, 1.0000 UY= 8.469,
7.470
ADD= 8 RD=0.0000, 1.0000 UY= 7.470,
7.068
ADD= 9 RD=0.0000, 1.0000 UY= 7.068,
7.068
ADD=10 RD=0.0000, 1.0000 UY= 7.068,
7.068
ADD=11 RD=0.0000, 1.0000 UY= 7.068,
7.470
ADD=12 RD=0.0000, 1.0000 UY= 7.470,
8.469
ADD=13 RD=0.0000, 1.0000 UY= 7.398,
7.500

ADD=14 RD=0.0000, 1.0000 UY= 7.500,
7.500
ADD=15 RD=0.0000, 1.0000 UY= 7.500,
7.500
ADD=16 RD=0.0000, 1.0000 UY= 7.500,
7.500
ADD=17 RD=0.0000, 1.0000 UY= 7.500,
6.366
ADD=18 RD=0.0000, 1.0000 UY= 6.366,
4.500
ADD=19 RD=0.1990, 0.6830 UY= 3.300,
3.300
ADD=20 RD=0.1990, 0.6830 UY= 3.300,
3.300
:교량받침마찰에 의한 수평력
NAME=G-LO2
TYPE=FORCE
ADD=2 UY=261.448 RX=-393.871
ADD=10 UY=263.123 RX=-396.395
ADD=18 UY=266.185 RX=-401.008
:지진하중 : 교축방향
NAME=E-LO
:풍하중 : 교축직각방향
NAME=W-TR
TYPE=Distributed Span
ADD=19 RD=0.1990, 0.6830 UX= 3.300,
3.300
ADD=20 RD=0.1990, 0.6830 UX= 3.300,
3.300
TYPE=FORCE
ADD=1 UX=28.917
ADD=2 UX=217.592 RY=760.811
ADD=10 UX=217.592 RY=760.811
ADD=18 UX=217.592 RY=760.811
:활하중에 작용하는 풍하중
NAME=WL
TYPE=FORCE
ADD=2 UX=26 RY=151.957
ADD=10 UX=26 RY=151.957
ADD=18 UX=26 RY=151.957
:온도변화에 의한 수평력 : 교축직각방향
NAME=G-TR
TYPE=Temperature ELEM=FRAME
ADD= 1 T=10
ADD= 2 T=10
ADD= 3 T=10
ADD= 4 T=10
ADD= 5 T=10
ADD= 6 T=10
ADD= 7 T=10
ADD= 8 T=10
ADD= 9 T=10
ADD=10 T=10
ADD=11 T=10
ADD=12 T=10
ADD=13 T=10
ADD=14 T=10
ADD=15 T=10
ADD=16 T=10
ADD=17 T=10
ADD=18 T=10
:지진하중 : 교축직각방향
NAME=E-TR
:유수압,조류예의한 하중
NAME=Q1-TR
TYPE=Concentrated Span
ADD=19 RD=0.7170 UX= 4.946
ADD=20 RD=0.7170 UX= 4.946
:유목,선박,기타부유물의 충돌하중
NAME=COL-TR
TYPE=Concentrated Span
ADD=19 RD=0.6830 UX=12.500
ADD=20 RD=0.6830 UX=12.500
COMBO
NAME=SVB01 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
NAME=SVB02 TYPE=ADD
LOAD= D SF= 1.000
NAME=SVB03 TYPE=ADD
LOAD= D SF= 1.000
LOAD= W-LO SF= 1.000
NAME=SVB04 TYPE=ADD
LOAD= D SF= 1.000
LOAD= L1 SF= 1.000
LOAD= W-LO SF= 0.500
NAME=SVB05 TYPE=ADD
LOAD= D SF= 1.000

LOAD= W-TR SF= 0.625
 LOAD= WL SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=ULO16 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= Q1-TR SF= 1.000
 NAME=ULO17 TYPE=ADD
 LOAD= D SF= 1.300
 LOAD= L1 SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=ULO18 TYPE=ADD
 LOAD= D SF= 1.200
 LOAD= W-TR SF= 1.200
 LOAD= Q1-TR SF= 1.200
 NAME=UEO01 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= L1 SF= 2.150
 LOAD= Q1-TR SF= 1.300
 NAME=UEO02 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= Q1-TR SF= 1.300
 NAME=UEO03 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= W-TR SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO04 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= L1 SF= 1.300
 LOAD= W-TR SF= 0.650
 LOAD= WL SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO05 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= W-TR SF= 0.650
 LOAD= WL SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO06 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= L1 SF= 1.300
 LOAD= G-TR SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO07 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= L1 SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO08 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= G-TR SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO09 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= Q1-TR SF= 1.300
 NAME=UEO10 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= W-TR SF= 1.250
 LOAD= G-TR SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO11 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= W-TR SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO12 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= L1 SF= 1.250
 LOAD= W-TR SF= 0.625
 LOAD= WL SF= 1.250
 LOAD= G-TR SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO13 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= L1 SF= 1.250
 LOAD= W-TR SF= 0.625
 LOAD= WL SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO14 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= W-TR SF= 0.625
 LOAD= WL SF= 1.250
 LOAD= G-TR SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO15 TYPE=ADD
 LOAD= D SF= 0.950
 LOAD= W-TR SF= 0.625
 LOAD= WL SF= 1.250
 LOAD= Q1-TR SF= 1.250
 NAME=UEO16 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= Q1-TR SF= 1.000
 NAME=UEO17 TYPE=ADD
 LOAD= D SF= 1.000
 LOAD= L1 SF= 1.300
 LOAD= Q1-TR SF= 1.300
 NAME=UEO18 TYPE=ADD
 LOAD= D SF= 0.900
 LOAD= W-TR SF= 1.200
 LOAD= Q1-TR SF= 1.200
 NAME=ENVBULT TYPE=ENVE

COMB= ULB01 SF= 1.000
 NAME=ENVBECC TYPE=ENVE
 COMB= UEB01 SF= 1.000
 COMB= UEB02 SF= 1.000
 NAME=ENVOULT TYPE=ENVE
 COMB= ULO01 SF= 1.000
 NAME=ENVOECC TYPE=ENVE
 COMB= UEO01 SF= 1.000
 COMB= UEO02 SF= 1.000
 OUTPUT
 ELEM=JOINT TYPE=REAC,DISP,APP LOAD=*
 COMB=* HIST=* SPEC=*
 ELEM=FRAME TYPE=FORCE LOAD=*
 COMB=* HIST=* SPEC=*