

MIDAS/Civil

TEXT FILE OUTPUT

PROJECT TITLE :

MIDAS	Company		Client	
MIDAS	Author		File Name	원남교(하행)-안전성검토

; MIDAS/Civil Text(MCT) File.

; Date : 2015/11/14

*VERSION

8.4.5

*UNIT ; Unit System

; FORCE, LENGTH, HEAT, TEMPER

KN , M, KCAL, C

*STRUCTYPE ; Structure Type

; iSTYP, iMASS, iSMAS, bMASSOFFSET, bSELFWEIGHT, GRAV, TEMPER, bALIGNBEAM, bALIGNSLAB, bROTTRIGID

0, 1, 3, NO, YES, 9.806, 0, NO, NO, NO

*REBAR-MATL-CODE ; Rebar Material Code

; CONC_CODE, CONC_MDB, SRC_CODE, SRC_MDB

KS01-Civil(RC), SD300, KS01-Civil(RC), SD300

*NODE ; Nodes

; iNO, X, Y, Z

1, 0.15, 5.6, 0

2, 0.6, 5.6, 0

3, 5, 5.6, 0

4, 10, 5.6, 0

5, 15, 5.6, 0

6, 19, 5.6, 0

7, 20, 5.6, 0

8, 25, 5.6, 0

9, 30, 5.6, 0

10, 35, 5.6, 0

11, 40, 5.6, 0

12, 42.5, 5.6, 0

13, 45, 5.6, 0

14, 46.25, 5.6, 0

15, 49, 5.6, 0

16, 50, 5.6, 0

17, 53.75, 5.6, 0

18, 55, 5.6, 0

19, 58.75, 5.6, 0

20, 60, 5.6, 0

21, 63.75, 5.6, 0

22, 65, 5.6, 0

23, 67.5, 5.6, 0

24, 70, 5.6, 0

25, 75, 5.6, 0

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73, 49, 0, 0

74, 50, 0, 0

75, 53.75, 0, 0

76, 55, 0, 0

77, 58.75, 0, 0

78, 60, 0, 0

79, 63.75, 0, 0

80, 65, 0, 0

81, 67.5, 0, 0

82, 70, 0, 0

83, 75, 0, 0

84, 80, 0, 0

85, 85, 0, 0

86, 90, 0, 0

87, 93.75, 0, 0

88, 95, 0, 0

89, 96.25, 0, 0

90, 100, 0, 0

91, 103.75, 0, 0

92, 105, 0, 0

93, 106.25, 0, 0

94, 110, 0, 0

95, 115, 0, 0

96, 120, 0, 0

97, 125, 0, 0

98, 130, 0, 0

99, 135, 0, 0

100, 140, 0, 0

101, 143.75, 0, 0

102, 145, 0, 0

103, 146.25, 0, 0

104, 150, 0, 0

105, 151, 0, 0

106, 153.75, 0, 0

107, 155, 0, 0

108, 156.25, 0, 0

109, 160, 0, 0

110, 165, 0, 0

111, 170, 0, 0

112, 175, 0, 0

113, 180, 0, 0

114, 185, 0, 0

115, 189.5, 0, 0

116, 189.95, 0, 0

117, 0.15, 2.8, 0

118, 0.6, 2.8, 0

119, 5, 2.8, 0

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26, 80, 5.6, 0

27, 85, 5.6, 0

28, 90, 5.6, 0

29, 93.75, 5.6, 0

30, 95, 5.6, 0

31, 96.25, 5.6, 0

32, 100, 5.6, 0

33, 103.75, 5.6, 0

34, 105, 5.6, 0

35, 106.25, 5.6, 0

36, 110, 5.6, 0

37, 115, 5.6, 0

38, 120, 5.6, 0

39, 125, 5.6, 0

40, 130, 5.6, 0

41, 135, 5.6, 0

42, 140, 5.6, 0

43, 143.75, 5.6, 0

44, 145, 5.6, 0

45, 146.25, 5.6, 0

46, 150, 5.6, 0

47, 151, 5.6, 0

48, 153.75, 5.6, 0

49, 155, 5.6, 0

50, 156.25, 5.6, 0

51, 160, 5.6, 0

52, 165, 5.6, 0

53, 170, 5.6, 0

54, 175, 5.6, 0

55, 180, 5.6, 0

56, 185, 5.6, 0

57, 189.5, 5.6, 0

58, 189.95, 5.6, 0

59, 0.15, 0, 0

60, 0.6, 0, 0

61, 5, 0, 0

62, 10, 0, 0

63, 15, 0, 0

64, 19, 0, 0

65, 20, 0, 0

66, 25, 0, 0

67, 30, 0, 0

68, 35, 0, 0

69, 40, 0, 0

70, 42.5, 0, 0

71, 45, 0, 0

72, 46.25, 0, 0

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120, 10, 2.8, 0

121, 15, 2.8, 0

122, 19, 2.8, 0

123, 20, 2.8, 0

124, 25, 2.8, 0

125, 30, 2.8, 0

126, 35, 2.8, 0

127, 40, 2.8, 0

128, 42.5, 2.8, 0

129, 45, 2.8, 0

130, 46.25, 2.8, 0

131, 49, 2.8, 0

132, 50, 2.8, 0

133, 53.75, 2.8, 0

134, 55, 2.8, 0

135, 58.75, 2.8, 0

136, 60, 2.8, 0

137, 63.75, 2.8, 0

138, 65, 2.8, 0

139, 67.5, 2.8, 0

140, 70, 2.8, 0

141, 75, 2.8, 0

142, 80, 2.8, 0

143, 85, 2.8, 0

144, 90, 2.8, 0

145, 93.75, 2.8, 0

146, 95, 2.8, 0

147, 96.25, 2.8, 0

148, 100, 2.8, 0

149, 103.75, 2.8, 0

150, 105, 2.8, 0

151, 106.25, 2.8, 0

152, 110, 2.8, 0

153, 115, 2.8, 0

154, 120, 2.8, 0

155, 125, 2.8, 0

156, 130, 2.8, 0

157, 135, 2.8, 0

158, 140, 2.8, 0

159, 143.75, 2.8, 0

160, 145, 2.8, 0

161, 146.25, 2.8, 0

162, 150, 2.8, 0

163, 151, 2.8, 0

164, 153.75, 2.8, 0

165, 155, 2.8, 0

166, 156.25, 2.8, 0

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167, 160, 2.8, 0
168, 165, 2.8, 0
169, 170, 2.8, 0
170, 175, 2.8, 0
171, 180, 2.8, 0
172, 185, 2.8, 0
173, 189.5, 2.8, 0
174, 189.95, 2.8, 0

*ELEMENT ; Elements
; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB, EXVAL, iOPT(EXVAL2) ; Frame Element
; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB, EXVAL, EXVAL2, bLMT ; Comp/Tens Truss
; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iSUB, iWID, iLCAXIS ; Planar Element
; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iN5, iN6, iN7, iN8 ; Solid Element
; iEL, TYPE, iMAT, iPRO, iN1, iN2, REF, RPX, RPY, RPZ, iSUB, EXVAL ; Frame(Ref. Point)
1, BEAM , 1, 1, 1, 2, 0, 0
2, BEAM , 1, 1, 2, 3, 0, 0
3, BEAM , 1, 1, 3, 4, 0, 0
4, BEAM , 1, 2, 4, 5, 0, 0
5, BEAM , 1, 2, 5, 6, 0, 0
6, BEAM , 1, 2, 6, 7, 0, 0
7, BEAM , 1, 2, 7, 8, 0, 0
8, BEAM , 1, 2, 8, 9, 0, 0
9, BEAM , 1, 2, 9, 10, 0, 0
10, BEAM , 1, 3, 10, 11, 0, 0
11, BEAM , 1, 3, 11, 12, 0, 0
12, BEAM , 1, 4, 12, 13, 0, 0
13, BEAM , 1, 4, 13, 14, 0, 0
14, BEAM , 1, 5, 14, 15, 0, 0
15, BEAM , 1, 5, 15, 16, 0, 0
16, BEAM , 1, 5, 16, 17, 0, 0
17, BEAM , 1, 4, 17, 18, 0, 0
18, BEAM , 1, 4, 18, 19, 0, 0
19, BEAM , 1, 3, 19, 20, 0, 0
20, BEAM , 1, 3, 20, 21, 0, 0
21, BEAM , 1, 6, 21, 22, 0, 0
22, BEAM , 1, 6, 22, 23, 0, 0
23, BEAM , 1, 7, 23, 24, 0, 0
24, BEAM , 1, 7, 24, 25, 0, 0
25, BEAM , 1, 7, 25, 26, 0, 0
26, BEAM , 1, 7, 26, 27, 0, 0
27, BEAM , 1, 8, 27, 28, 0, 0
28, BEAM , 1, 8, 28, 29, 0, 0
29, BEAM , 1, 9, 29, 30, 0, 0
30, BEAM , 1, 9, 30, 31, 0, 0
31, BEAM , 1, 10, 31, 32, 0, 0
32, BEAM , 1, 10, 32, 33, 0, 0

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33, BEAM , 1, 9, 33, 34, 0, 0
34, BEAM , 1, 9, 34, 35, 0, 0
35, BEAM , 1, 8, 35, 36, 0, 0
36, BEAM , 1, 8, 36, 37, 0, 0
37, BEAM , 1, 7, 37, 38, 0, 0
38, BEAM , 1, 7, 38, 39, 0, 0
39, BEAM , 1, 7, 39, 40, 0, 0
40, BEAM , 1, 7, 40, 41, 0, 0
41, BEAM , 1, 8, 41, 42, 0, 0
42, BEAM , 1, 8, 42, 43, 0, 0
43, BEAM , 1, 9, 43, 44, 0, 0
44, BEAM , 1, 9, 44, 45, 0, 0
45, BEAM , 1, 11, 45, 46, 0, 0
46, BEAM , 1, 11, 46, 47, 0, 0
47, BEAM , 1, 11, 47, 48, 0, 0
48, BEAM , 1, 9, 48, 49, 0, 0
49, BEAM , 1, 9, 49, 50, 0, 0
50, BEAM , 1, 12, 50, 51, 0, 0
51, BEAM , 1, 12, 51, 52, 0, 0
52, BEAM , 1, 13, 52, 53, 0, 0
53, BEAM , 1, 13, 53, 54, 0, 0
54, BEAM , 1, 13, 54, 55, 0, 0
55, BEAM , 1, 13, 55, 56, 0, 0
56, BEAM , 1, 13, 56, 57, 0, 0
57, BEAM , 1, 13, 57, 58, 0, 0
58, BEAM , 1, 1, 59, 60, 0, 0
59, BEAM , 1, 1, 60, 61, 0, 0
60, BEAM , 1, 1, 61, 62, 0, 0
61, BEAM , 1, 2, 62, 63, 0, 0
62, BEAM , 1, 2, 63, 64, 0, 0
63, BEAM , 1, 2, 64, 65, 0, 0
64, BEAM , 1, 2, 65, 66, 0, 0
65, BEAM , 1, 2, 66, 67, 0, 0
66, BEAM , 1, 2, 67, 68, 0, 0
67, BEAM , 1, 3, 68, 69, 0, 0
68, BEAM , 1, 3, 69, 70, 0, 0
69, BEAM , 1, 4, 70, 71, 0, 0
70, BEAM , 1, 4, 71, 72, 0, 0
71, BEAM , 1, 5, 72, 73, 0, 0
72, BEAM , 1, 5, 73, 74, 0, 0
73, BEAM , 1, 5, 74, 75, 0, 0
74, BEAM , 1, 4, 75, 76, 0, 0
75, BEAM , 1, 4, 76, 77, 0, 0
76, BEAM , 1, 3, 77, 78, 0, 0
77, BEAM , 1, 3, 78, 79, 0, 0
78, BEAM , 1, 6, 79, 80, 0, 0
79, BEAM , 1, 6, 80, 81, 0, 0

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80, BEAM , 1, 7, 81, 82, 0, 0
81, BEAM , 1, 7, 82, 83, 0, 0
82, BEAM , 1, 7, 83, 84, 0, 0
83, BEAM , 1, 7, 84, 85, 0, 0
84, BEAM , 1, 8, 85, 86, 0, 0
85, BEAM , 1, 8, 86, 87, 0, 0
86, BEAM , 1, 9, 87, 88, 0, 0
87, BEAM , 1, 9, 88, 89, 0, 0
88, BEAM , 1, 10, 89, 90, 0, 0
89, BEAM , 1, 10, 90, 91, 0, 0
90, BEAM , 1, 9, 91, 92, 0, 0
91, BEAM , 1, 9, 92, 93, 0, 0
92, BEAM , 1, 8, 93, 94, 0, 0
93, BEAM , 1, 8, 94, 95, 0, 0
94, BEAM , 1, 7, 95, 96, 0, 0
95, BEAM , 1, 7, 96, 97, 0, 0
96, BEAM , 1, 7, 97, 98, 0, 0
97, BEAM , 1, 7, 98, 99, 0, 0
98, BEAM , 1, 8, 99, 100, 0, 0
99, BEAM , 1, 8, 100, 101, 0, 0
100, BEAM , 1, 9, 101, 102, 0, 0
101, BEAM , 1, 9, 102, 103, 0, 0
102, BEAM , 1, 11, 103, 104, 0, 0
103, BEAM , 1, 11, 104, 105, 0, 0
104, BEAM , 1, 11, 105, 106, 0, 0
105, BEAM , 1, 9, 106, 107, 0, 0
106, BEAM , 1, 9, 107, 108, 0, 0
107, BEAM , 1, 12, 108, 109, 0, 0
108, BEAM , 1, 12, 109, 110, 0, 0
109, BEAM , 1, 13, 110, 111, 0, 0
110, BEAM , 1, 13, 111, 112, 0, 0
111, BEAM , 1, 13, 112, 113, 0, 0
112, BEAM , 1, 13, 113, 114, 0, 0
113, BEAM , 1, 13, 114, 115, 0, 0
114, BEAM , 1, 13, 115, 116, 0, 0
115, BEAM , 2, 40, 117, 118, 0, 0
116, BEAM , 2, 40, 118, 119, 0, 0
117, BEAM , 2, 40, 119, 120, 0, 0
118, BEAM , 2, 40, 120, 121, 0, 0
119, BEAM , 2, 40, 121, 122, 0, 0
120, BEAM , 2, 40, 122, 123, 0, 0
121, BEAM , 2, 40, 123, 124, 0, 0
122, BEAM , 2, 40, 124, 125, 0, 0
123, BEAM , 2, 40, 125, 126, 0, 0
124, BEAM , 2, 40, 126, 127, 0, 0
125, BEAM , 2, 40, 127, 128, 0, 0
126, BEAM , 2, 40, 128, 129, 0, 0

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127, BEAM , 2, 40, 129, 130, 0, 0
128, BEAM , 2, 40, 130, 131, 0, 0
129, BEAM , 2, 40, 131, 132, 0, 0
130, BEAM , 2, 40, 132, 133, 0, 0
131, BEAM , 2, 40, 133, 134, 0, 0
132, BEAM , 2, 40, 134, 135, 0, 0
133, BEAM , 2, 40, 135, 136, 0, 0
134, BEAM , 2, 40, 136, 137, 0, 0
135, BEAM , 2, 40, 137, 138, 0, 0
136, BEAM , 2, 40, 138, 139, 0, 0
137, BEAM , 2, 40, 139, 140, 0, 0
138, BEAM , 2, 40, 140, 141, 0, 0
139, BEAM , 2, 40, 141, 142, 0, 0
140, BEAM , 2, 40, 142, 143, 0, 0
141, BEAM , 2, 40, 143, 144, 0, 0
142, BEAM , 2, 40, 144, 145, 0, 0
143, BEAM , 2, 40, 145, 146, 0, 0
144, BEAM , 2, 40, 146, 147, 0, 0
145, BEAM , 2, 40, 147, 148, 0, 0
146, BEAM , 2, 40, 148, 149, 0, 0
147, BEAM , 2, 40, 149, 150, 0, 0
148, BEAM , 2, 40, 150, 151, 0, 0
149, BEAM , 2, 40, 151, 152, 0, 0
150, BEAM , 2, 40, 152, 153, 0, 0
151, BEAM , 2, 40, 153, 154, 0, 0
152, BEAM , 2, 40, 154, 155, 0, 0
153, BEAM , 2, 40, 155, 156, 0, 0
154, BEAM , 2, 40, 156, 157, 0, 0
155, BEAM , 2, 40, 157, 158, 0, 0
156, BEAM , 2, 40, 158, 159, 0, 0
157, BEAM , 2, 40, 159, 160, 0, 0
158, BEAM , 2, 40, 160, 161, 0, 0
159, BEAM , 2, 40, 161, 162, 0, 0
160, BEAM , 2, 40, 162, 163, 0, 0
161, BEAM , 2, 40, 163, 164, 0, 0
162, BEAM , 2, 40, 164, 165, 0, 0
163, BEAM , 2, 40, 165, 166, 0, 0
164, BEAM , 2, 40, 166, 167, 0, 0
165, BEAM , 2, 40, 167, 168, 0, 0
166, BEAM , 2, 40, 168, 169, 0, 0
167, BEAM , 2, 40, 169, 170, 0, 0
168, BEAM , 2, 40, 170, 171, 0, 0
169, BEAM , 2, 40, 171, 172, 0, 0
170, BEAM , 2, 40, 172, 173, 0, 0
171, BEAM , 2, 40, 173, 174, 0, 0
172, BEAM , 3, 41, 118, 2, 0, 0
173, BEAM , 3, 41, 60, 118, 0, 0

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174, BEAM , 4, 42, 119, 3, 0, 0

175, BEAM , 4, 42, 61, 119, 0, 0

176, BEAM , 4, 42, 120, 4, 0, 0

177, BEAM , 4, 42, 62, 120, 0, 0

178, BEAM , 4, 42, 121, 5, 0, 0

179, BEAM , 4, 42, 63, 121, 0, 0

180, BEAM , 4, 42, 123, 7, 0, 0

181, BEAM , 4, 42, 65, 123, 0, 0

182, BEAM , 4, 42, 124, 8, 0, 0

183, BEAM , 4, 42, 66, 124, 0, 0

184, BEAM , 4, 42, 125, 9, 0, 0

185, BEAM , 4, 42, 67, 125, 0, 0

186, BEAM , 4, 42, 126, 10, 0, 0

187, BEAM , 4, 42, 68, 126, 0, 0

188, BEAM , 4, 42, 127, 11, 0, 0

189, BEAM , 4, 42, 69, 127, 0, 0

190, BEAM , 4, 42, 129, 13, 0, 0

191, BEAM , 4, 42, 71, 129, 0, 0

192, BEAM , 3, 41, 132, 16, 0, 0

193, BEAM , 3, 41, 74, 132, 0, 0

194, BEAM , 4, 42, 134, 18, 0, 0

195, BEAM , 4, 42, 76, 134, 0, 0

196, BEAM , 4, 42, 136, 20, 0, 0

197, BEAM , 4, 42, 78, 136, 0, 0

198, BEAM , 4, 42, 138, 22, 0, 0

199, BEAM , 4, 42, 80, 138, 0, 0

200, BEAM , 4, 42, 140, 24, 0, 0

201, BEAM , 4, 42, 82, 140, 0, 0

202, BEAM , 4, 42, 141, 25, 0, 0

203, BEAM , 4, 42, 83, 141, 0, 0

204, BEAM , 4, 42, 142, 26, 0, 0

205, BEAM , 4, 42, 84, 142, 0, 0

206, BEAM , 4, 42, 143, 27, 0, 0

207, BEAM , 4, 42, 85, 143, 0, 0

208, BEAM , 4, 42, 144, 28, 0, 0

209, BEAM , 4, 42, 86, 144, 0, 0

210, BEAM , 4, 42, 146, 30, 0, 0

211, BEAM , 4, 42, 88, 146, 0, 0

212, BEAM , 3, 41, 148, 32, 0, 0

213, BEAM , 3, 41, 90, 148, 0, 0

214, BEAM , 4, 42, 150, 34, 0, 0

215, BEAM , 4, 42, 92, 150, 0, 0

216, BEAM , 4, 42, 152, 36, 0, 0

217, BEAM , 4, 42, 94, 152, 0, 0

218, BEAM , 4, 42, 153, 37, 0, 0

219, BEAM , 4, 42, 95, 153, 0, 0

220, BEAM , 4, 42, 154, 38, 0, 0

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221, BEAM , 4, 42, 96, 154, 0, 0

222, BEAM , 4, 42, 155, 39, 0, 0

223, BEAM , 4, 42, 97, 155, 0, 0

224, BEAM , 4, 42, 156, 40, 0, 0

225, BEAM , 4, 42, 98, 156, 0, 0

226, BEAM , 4, 42, 157, 41, 0, 0

227, BEAM , 4, 42, 99, 157, 0, 0

228, BEAM , 4, 42, 158, 42, 0, 0

229, BEAM , 4, 42, 100, 158, 0, 0

230, BEAM , 4, 42, 160, 44, 0, 0

231, BEAM , 4, 42, 102, 160, 0, 0

232, BEAM , 3, 41, 162, 46, 0, 0

233, BEAM , 3, 41, 104, 162, 0, 0

234, BEAM , 4, 42, 165, 49, 0, 0

235, BEAM , 4, 42, 107, 165, 0, 0

236, BEAM , 4, 42, 167, 51, 0, 0

237, BEAM , 4, 42, 109, 167, 0, 0

238, BEAM , 4, 42, 168, 52, 0, 0

239, BEAM , 4, 42, 110, 168, 0, 0

240, BEAM , 4, 42, 169, 53, 0, 0

241, BEAM , 4, 42, 111, 169, 0, 0

242, BEAM , 4, 42, 170, 54, 0, 0

243, BEAM , 4, 42, 112, 170, 0, 0

244, BEAM , 4, 42, 171, 55, 0, 0

245, BEAM , 4, 42, 113, 171, 0, 0

246, BEAM , 4, 42, 172, 56, 0, 0

247, BEAM , 4, 42, 114, 172, 0, 0

248, BEAM , 3, 41, 173, 57, 0, 0

249, BEAM , 3, 41, 115, 173, 0, 0

*GROUP ; Group
; NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE
Lateral , 2to5 7to11 13 16to24by2 25to28 30to36by2 37to42 44 46 49 51to57 W
60to63 65to69 71 74to82by2 83to86 88to94by2 95to100 102 104 107 109to115 W
118to121 123to127 129 132to140by2 141to144 146to152by2 153to158 160 162 W
165 167to173, 172to249, 0
G1 , 1to42 44to58, 1to57, 0
G2 , 59to100 102to116, 58to114, 0
analysis , 1to116, 1to114, 0
A-A , 6 64, 5 6 62 63, 0
B-B , 15 73, 14 15 71 72, 0
C-C , 25 83, 24 25 81 82, 0

*MATERIAL ; Material
; IMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA1] ; STEEL, CONC, USE R
; IMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA2], [DATA2] ; SRC

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[DATA1] : 1, DB, NAME, CODE
[DATA1] : 2, ELAST, POISN, THERMAL, DEN, MASS
[DATA1] : 3, Ex, Ey, Ez, Tx, Ty, Tz, Sxy, Sxz, Syz, Pxy, Pxz, Pyz, DEN, MASS ; Orthotropic
[DATA2] : 1, DB, NAME, CODE or 2, ELAST, POISN, THERMAL, DEN, MASS
1, STEEL, SM490 , 0, 0, , C, NO, 0.02, 1, KS10-Civil(S), , SM490
2, STEEL, SM400 , 0, 0, , C, NO, 0.02, 1, KS10-Civil(S), , SM400
3, STEEL, SM400 , 0, 0, , C, NO, 0.02, 2, 2.0500e+010, 0.3, 1.2000e-005, 76.98, 0
4, STEEL, SM400 , 0, 0, , C, NO, 0.02, 2, 2.0500e+010, 0.3, 1.2000e-005, 76.98, 0

*MATL-COLOR
; IMAT, W_R, W_G, W_B, HF_R, HF_G, HF_B, HE_R, HE_G, HE_B, bBLEND, FACT
1, 0, 0, 255, 166, 202, 240, 0, 0, 255, NO, 0.5
2, 0, 128, 0, 192, 220, 192, 0, 128, 0, NO, 0.5
3, 128, 128, 0, 192, 220, 192, 128, 128, 0, NO, 0.5
4, 128, 128, 0, 192, 220, 192, 128, 128, 0, NO, 0.5

*SECTION ; Section
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] ; 1st line - DB/USER
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., DB, iCEL ; 1st line - VALUE
; AREA, ASy, ASz, Ixx, Iyy, Izz ; 2nd line
; CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz ; 3rd line
; Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th line
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF, THERMAL ; 1st line - SRC
; D1, D2, [SRC] ; 2nd line
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st line - COMBINED
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23, D24
; ISEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iyVAR, izVAR, STYPE ; 1st line - TAPERED
; DB, NAME1, NAME2 ; 2nd line(STYPE=DB)
; [DIM1], [DIM2] ; 2nd line(STYPE=USER)
; D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd line(STYPE=VALUE)
; AREA1, ASy1, ASz1, Ixx1, Iyy1, Izz1 ; 3rd line(STYPE=VALUE)
; CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th line(STYPE=VALUE)
; Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th line(STYPE=VALUE)
; D21, D22, D23, D24, D25, D26, D27, D28 ; 6th line(STYPE=VALUE)
; AREA2, ASy2, ASz2, Ixx2, Iyy2, Izz2 ; 7th line(STYPE=VALUE)
; CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 ; 8th line(STYPE=VALUE)
; Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 ; 9th line(STYPE=VALUE)
; OPT1, OPT2, [JOINT] ; 2nd line(STYPE=PSC)
; ELAST, DEN, POIS, POIC, THERMAL ; 2nd line(STYPE=PSC-CMPW)
; bSHEARCHK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], W1, WJ, bSYM, bSIDEHOLE ; 3rd line(STYPE=PSC)
; bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] ; 3rd line(STYPE=PSC-CMPW)
; bUSERDEFMESHSIZE, MESHSIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] ; 4th line(STYPE=PSC)
; [SIZE-A]-j ; 5th line(STYPE=PSC)
; [SIZE-B]-i ; 6th line(STYPE=PSC)
; [SIZE-C]-j ; 7th line(STYPE=PSC)
; [SIZE-D]-i ; 8th line(STYPE=PSC)

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[SIZE-A]-j ; 9th line(STYPE=PSC)
[SIZE-B]-j ; 10th line(STYPE=PSC)
[SIZE-C]-j ; 11th line(STYPE=PSC)
[SIZE-D]-j ; 12th line(STYPE=PSC)
GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, EsEc-L, EsEc-S ; 2nd line(STYPE=CMP-B/I)
SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i ; 3rd line(STYPE=CMP-B/I)
SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th line(STYPE=CMP-B/I)
N1, N2, Hr, Hr2, tr1, tr2 ; 5th line(STYPE=CMP-B)
GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd line(STYPE=CMP-CI/CT)
OPT1, OPT2, [JOINT] ; 3rd line(STYPE=CMP-CI/CT)
[SIZE-A]-i ; 4th line(STYPE=CMP-CI/CT)
[SIZE-B]-i ; 5th line(STYPE=CMP-CI/CT)
[SIZE-C]-i ; 6th line(STYPE=CMP-CI/CT)
[SIZE-D]-i ; 7th line(STYPE=CMP-CI/CT)
[SIZE-A]-j ; 8th line(STYPE=CMP-CI/CT)
[SIZE-B]-j ; 9th line(STYPE=CMP-CI/CT)
[SIZE-C]-j ; 10th line(STYPE=CMP-CI/CT)
[SIZE-D]-j ; 11th line(STYPE=CMP-CI/CT)
; ISEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2 ; 1st line - CONSTRUCT
; SHAPE, ...(same with other type data from shape) ; Before (STYPE1)
; SHAPE, ...(same with other type data from shape) ; After (STYPE2)
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st line - COMPOSITE-SB
; Hw, tw, B, Bf1, tf1, B2, Bf2, tf2 ; 2nd line
; N1, N2, Hr, Hr2, tr1, tr2 ; 3rd line
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, Elong, Esh ; 4th line
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st line - COMPOSITE-SI
; Hw, tw, B, tf1, B2, tf2 ; 2nd line
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, Elong, Esh ; 3rd line
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st line - COMPOSITE-CI/CT
; OPT1, OPT2, [JOINT] ; 2nd line
; [SIZE-A] ; 3rd line
; [SIZE-B] ; 4th line
; [SIZE-C] ; 5th line
; [SIZE-D] ; 6th line
; SW, GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb ; 7th line
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st line - PSC
; OPT1, OPT2, [JOINT] ; 2nd line
; bSHEARCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE ; 3rd line
; bUSERDEFMESHSIZE, MESHSIZE, bUSERINPSTIFF, [STIFF] ; 4th line
; [SIZE-A] ; 5th line
; [SIZE-B] ; 6th line
; [SIZE-C] ; 7th line
; [SIZE-D] ; 8th line
[DATA1] : 1, DB, NAME or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10
[DATA2] : CCSHAPE or iCEL or iN1, iN2
[SRC] : 1, DB, NAME1, NAME2 or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, iN1, iN2
[DIM1], [DIM2] : D1, D2, D3, D4, D5, D6, D7, D8

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;

[OFFSET] : OFFSET, iCENT, iREF, iHORZ, HUSER, iVERT, VUSER

;

[OFFSET2]: OFFSET, iCENT, iREF, iHORZ, HUSERI, HUSERJ, iVERT, VUSERI, VUSERJ

;

[JOINT] : 8(1CELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCELL), 2(nCEL2)

;

[SIZE-A] : 6(1CELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(nCELL), 11(nCEL2)

;

[SIZE-B] : 6(1CELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(nCELL), 18(nCEL2)

;

[SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCELL), 11(nCEL2)

;

[SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCELL), 18(nCEL2)

;

[STIFF] : AREA, ASy, ASz, Ixx, Iyy, Izz

;

[SCHK] : bAUTO_Z1, Z1, bAUTO_Z3, Z3

;

[WT] : bAUTO_TOR, TOR, bAUTO_SHR1, SHR1, bAUTO_SHR2, SHR2, bAUTO_SHR3, SHR3

;

[CMPWEB] : EFD, LRF, A, B, H, T

1, COMPOSITE , A , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012

1, 0, 0, 0, 2, 5

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

2, 0.8, 0, NO, 0.8, 0, NO

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

2, COMPOSITE , B , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.016

1, 0, 0, 0, 2, 5

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

2, 0.8, 0, NO, 0.8, 0, NO

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

3, COMPOSITE , C , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.016, 2.4, 0.12, 0.02

1, 0, 0, 0, 5, 5

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.034, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

4, COMPOSITE , D , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.016, 2.4, 0.12, 0.02

1, 0, 0, 0, 5, 2

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

2, 0.8, 0, NO, 0.8, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.034, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

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5, COMPOSITE , E , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.022, 2.4, 0.12, 0.026

1, 0, 0, 0, 5, 2

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

2, 0.8, 0, NO, 0.8, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.028, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

6, COMPOSITE , F , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012

1, 0, 0, 0, 5, 5

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

7, COMPOSITE , G , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012

1, 0, 0, 0, 2, 5

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

2, 0.8, 0, NO, 0.8, 0, NO

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

8, COMPOSITE , H , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.014

1, 0, 0, 0, 5, 5

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

2, 0.8, 0, NO, 0.8, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

10, COMPOSITE , J , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.016

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1, 0, 0, 0, 5, 2

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

2, 0.8, 0, NO, 0.8, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

11, COMPOSITE , K , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.018

1, 0, 0, 0, 5, 2

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

2, 0.8, 0, NO, 0.8, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

12, COMPOSITE , L , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.014

1, 0, 0, 0, 2, 5

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

2, 0.8, 0, NO, 0.8, 0, NO

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

13, COMPOSITE , M , CC, 0, 0, 0, 0, 0, 0, YES, B

2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012

1, 0, 0, 0, 2, 5

1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0

0

2, 0.8, 0, NO, 0.8, 0, NO

5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO

10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,

40, DBUSER , Stringer , CT, 0, 0, 0, 0, 1, 0.114, YES, H , 2, 1.02, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0

41, DBUSER , Cross1 , CT, 0, 0, 0, 0, 1, 0.564, YES, H , 2, 1.52, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0

42, DBUSER , Cross2 , CT, 0, 0, 0, 0, 1, 0.364, YES, H , 2, 1.52, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0

*SECT-COLOR

;

iSEC, W_R, W_G, W_B, HF_R, HF_G, HF_B, HE_R, HE_G, HE_B, bBLEND, FACT

1, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

2, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

3, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

4, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

5, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

6, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

7, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

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8, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

9, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

10, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

11, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

12, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

13, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

40, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

41, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

42, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

*COMP-GEN-SECT-PSC-DESIGN ; Composite Section for PSC Design

;

ELEM, (Z1, Z2, Z3, t1, t2, t3, TotT)-I (Z1, Z2, Z3, t1, t2, t3, TotT)-J

1, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

2, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

3, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

4, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

5, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

6, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

7, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

8, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

9, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

10, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

11, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

12, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

13, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

*DGN-SECT

;

iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] ; 1st line - DB/USER

;

iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL ; 1st line - VALUE

;

AREA, ASy, ASz, Ixx, Iyy, Izz ; 2nd line

;

CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz ; 3rd line

;

Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th line

;

iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, SF, THERMAL ; 1st line - SRC

;

D1, D2, [SRC] ; 2nd line

;

iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st line - COMBINED

;

iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23, D24 ; 1st line - TAPERED

;

iSEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iVar, izVAR, STYPE ; 2nd line(STYPE=DB)

;

[DIM1], [DIM2] ; 2nd line(STYPE=USER)

;

D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd line(STYPE=VALUE)

;

AREA1, ASy1, ASz1, Ixx1, Iyy1, Izz1 ; 3rd line(STYPE=VALUE)

;

CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th line(STYPE=VALUE)

;

Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th line(STYPE=VALUE)

;

D21, D22, D23, D24, D25, D26, D27, D28 ; 6th line(STYPE=VALUE)

;

AREA2, ASy2, ASz2, Ixx2, Iyy2, Izz2 ; 7th line(STYPE=VALUE)

;

CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 ; 8th line(STYPE=VALUE)

;

Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 ; 9th line(STYPE=VALUE)

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; OPT1, OPT2, [JOINT] ; 2nd line(STYPE=PSC)					
; ELAST, DEN, POIS, POIC, THERMAL ; 2nd line(STYPE=PSC-CMPW)					
; bSHEARCHK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], WJ, WJ, bSYM, bSIDEHOLE ; 3rd line(STYPE=PSC)					
; bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] ; 3rd line(STYPE=PSC-CMPW)					
; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] ; 4th line(STYPE=PSC)					
; [SIZE-A]-i ; 5th line(STYPE=PSC)					
; [SIZE-B]-i ; 6th line(STYPE=PSC)					
; [SIZE-C]-i ; 7th line(STYPE=PSC)					
; [SIZE-D]-i ; 8th line(STYPE=PSC)					
; [SIZE-A]-j ; 9th line(STYPE=PSC)					
; [SIZE-B]-j ; 10th line(STYPE=PSC)					
; [SIZE-C]-j ; 11th line(STYPE=PSC)					
; [SIZE-D]-j ; 12th line(STYPE=PSC)					
; GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, EsEc-L, EsEc-S ; 2nd line(STYPE=CMP-B/I)					
; SW_i, Hw_i, tw_i, B_j, Bf1_i, tf1_i, B2_j, Bf2_j, tf2_j ; 3rd line(STYPE=CMP-B/I)					
; SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th line(STYPE=CMP-B/I)					
; N1, N2, Hr, Hr2, tr1, tr2 ; 5th line(STYPE=CMP-B)					
; GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd line(STYPE=CMP-CI/CT)					
; OPT1, OPT2, [JOINT] ; 3rd line(STYPE=CMP-CI/CT)					
; [SIZE-A]-i ; 4th line(STYPE=CMP-CI/CT)					
; [SIZE-B]-i ; 5th line(STYPE=CMP-CI/CT)					
; [SIZE-C]-i ; 6th line(STYPE=CMP-CI/CT)					
; [SIZE-D]-i ; 7th line(STYPE=CMP-CI/CT)					
; [SIZE-A]-j ; 8th line(STYPE=CMP-CI/CT)					
; [SIZE-B]-j ; 9th line(STYPE=CMP-CI/CT)					
; [SIZE-C]-j ; 10th line(STYPE=CMP-CI/CT)					
; [SIZE-D]-j ; 11th line(STYPE=CMP-CI/CT)					
; ISEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2 ; 1st line - CONSTRUCT					
; SHAPE, _(same with other type data from shape) ; Before (STYPE1)					
; SHAPE, _(same with other type data from shape) ; After (STYPE2)					
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st line - COMPOSITE-SB					
; Hw, tw, B, Bf1, tf1, B2, Bf2, tf2 ; 2nd line					
; N1, N2, Hr, Hr2, tr1, tr2 ; 3rd line					
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 4th line					
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st line - COMPOSITE-SI					
; Hw, tw, B, tf1, B2, tf2 ; 2nd line					
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 3rd line					
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st line - COMPOSITE-CI/CT					
; OPT1, OPT2, [JOINT] ; 2nd line					
; [SIZE-A] ; 3rd line					
; [SIZE-B] ; 4th line					
; [SIZE-C] ; 5th line					
; [SIZE-D] ; 6th line					
; SW, GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb ; 7th line					
; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st line - PSC					
; OPT1, OPT2, [JOINT] ; 2nd line					
; bSHEARCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE ; 3rd line					
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<pre> ; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF] ; 4th line ; [SIZE-A] ; 5th line ; [SIZE-B] ; 6th line ; [SIZE-C] ; 7th line ; [SIZE-D] ; 8th line ; [DATA1] : 1, D8, NAME or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10 ; [DATA2] : CCSHAPE or iCELL or iN1, iN2 ; [SRC] : 1, D8, NAME1, NAME2 or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, iN1, iN2 ; [DIM1], [DIM2] : D1, D2, D3, D4, D5, D6, D7, D8 ; [OFFSET] : OFFSET, iCENT, iREF, iHORZ, iUSER, iVERT, vUSER ; [OFFSET2] : OFFSET, iCENT, iREF, iHORZ, iUSER, iUSER, iVERT, vUSER, vUSER ; [JOINT] : 8(1CELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCELL), 2(nCEL2) ; [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(nCELL), 11(nCEL2) ; [SIZE-B] : 6(1CELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(nCELL), 18(nCEL2) ; [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCELL), 11(nCEL2) ; [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCELL), 18(nCEL2) ; [STIFF] : AREA, ASy, ASz, Ixx, Iyy, Izz ; [SCHK] : bAUTO_Z1, Z1, bAUTO_Z3, Z3 ; [WT] : bAUTO_TOR, TOR, bAUTO_SHR1, SHR1, bAUTO_SHR2, SHR2, bAUTO_SHR3, SHR3 ; [CMPWEB] : EFD, LRF, A, B, H, T 1, COMPOSITE , A , CC, 0, 0, 0, 0, 0, YES, B 2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012 1, 0, 0, 0, 2, 5 1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0 0 0 2, 0.8, 0, NO, 0.8, 0, NO 5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO 10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, , 2, COMPOSITE , B , CC, 0, 0, 0, 0, 0, YES, B 2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.016 1, 0, 0, 0, 2, 5 1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0 0 0 2, 0.8, 0, NO, 0.8, 0, NO 5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO 10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, , 3, COMPOSITE , C , CC, 0, 0, 0, 0, 0, YES, B 2.5, 0.012, 2.4, 0.12, 0.016, 2.4, 0.12, 0.02 1, 0, 0, 0, 5, 5 1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0 0 0 5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO 5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO 10.49, 2, 5.6, 5.245, 0.25, 0.034, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, , </pre>			
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		원남교(하행)-안전성검토	
4, COMPOSITE , D , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.016, 2.4, 0.12, 0.02			
1, 0, 0, 0, 5, 2			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
2, 0.8, 0, NO, 0.8, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.034, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
5, COMPOSITE , E , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.022, 2.4, 0.12, 0.026			
1, 0, 0, 0, 5, 2			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
2, 0.8, 0, NO, 0.8, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.028, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
6, COMPOSITE , F , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012			
1, 0, 0, 0, 5, 5			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
7, COMPOSITE , G , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012			
1, 0, 0, 0, 2, 5			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
2, 0.8, 0, NO, 0.8, 0, NO			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
8, COMPOSITE , H , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.014			
1, 0, 0, 0, 5, 5			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
9, COMPOSITE , I , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.014			
1, 0, 0, 0, 5, 2			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
2, 0.8, 0, NO, 0.8, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
10, COMPOSITE , J , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.016			
1, 0, 0, 0, 5, 2			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
2, 0.8, 0, NO, 0.8, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
11, COMPOSITE , K , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.018			
1, 0, 0, 0, 5, 2			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
2, 0.8, 0, NO, 0.8, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
12, COMPOSITE , L , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.014			
1, 0, 0, 0, 2, 5			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
2, 0.8, 0, NO, 0.8, 0, NO			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
13, COMPOSITE , M , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012			
1, 0, 0, 0, 2, 5			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
2, 0.8, 0, NO, 0.8, 0, NO			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
40, DBUSER , Stringer , CT, 0, 0, 0, 0, 1, 0.114, YES, H , 2, 1.02, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0			
41, DBUSER , Cross1 , CT, 0, 0, 0, 0, 1, 0.564, YES, H , 2, 1.52, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0			
42, DBUSER , Cross2 , CT, 0, 0, 0, 0, 1, 0.364, YES, H , 2, 1.52, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0			
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	Author		File Name
		원남교(하행)-안전성검토	
1, 0, 0, 0, 5, 2			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
2, 0.8, 0, NO, 0.8, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
10, COMPOSITE , J , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.016			
1, 0, 0, 0, 5, 2			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
2, 0.8, 0, NO, 0.8, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
11, COMPOSITE , K , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.018			
1, 0, 0, 0, 5, 2			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
2, 0.8, 0, NO, 0.8, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
12, COMPOSITE , L , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.014			
1, 0, 0, 0, 2, 5			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
2, 0.8, 0, NO, 0.8, 0, NO			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
13, COMPOSITE , M , CC, 0, 0, 0, 0, 0, 0, YES, B			
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012			
1, 0, 0, 0, 2, 5			
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0			
0			
0			
2, 0.8, 0, NO, 0.8, 0, NO			
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO			
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,			
40, DBUSER , Stringer , CT, 0, 0, 0, 0, 1, 0.114, YES, H , 2, 1.02, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0			
41, DBUSER , Cross1 , CT, 0, 0, 0, 0, 1, 0.564, YES, H , 2, 1.52, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0			
42, DBUSER , Cross2 , CT, 0, 0, 0, 0, 1, 0.364, YES, H , 2, 1.52, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0			
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	Author		File Name	원님교(하행)-안전성검토

59,	BEAM	,	UNILoad	GZ	NO	,	YES	1	GY	-0.183	-0.183	YES	0	-33.894	1	-33.894	0	0	0	0	,	NO	0	0	NO
60,	BEAM	,	UNILoad	GZ	NO	,	YES	1	GY	-0.183	-0.183	YES	0	-33.894	1	-33.894	0	0	0	0	,	NO	0	0	NO
61,	BEAM	,	UNILoad	GZ	NO	,	YES	1	GY	-0.183	-0.183	YES	0	-33.894	1	-33.894	0	0	0	0	,	NO	0	0	NO

63, BEAM	, UNILoad, GZ, NO, YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0, , NO, 0, 0, NO,
64, BEAM	, UNILoad, GZ, NO, YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0, , NO, 0, 0, NO,
65, BEAM	, UNILoad, GZ, NO, YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0, , NO, 0, 0, NO,

67, BEAM , UNILoad, GZ, NO , YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0, , NO, 0, 0, NO,

69, BEAM , UNILoad, GZ, NO , YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0, , NO, 0, 0, NO,

70, BEAM , UNILoad, GZ, NO , YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0, , NO, 0, 0, NO,

74, BEAM	, UNILoad, GZ, NO , YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0 , NO, 0, 0, NO,
75, BEAM	, UNILoad, GZ, NO , YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0 , NO, 0, 0, NO,
76, BEAM	, UNILoad, GZ, NO , YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0 , NO, 0, 0, NO,
77, BEAM	, UNILoad, GZ, NO , YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0 , NO, 0, 0, NO,
78, BEAM	, UNILoad, GZ, NO , YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0 , NO, 0, 0, NO,
79, BEAM	, UNILoad, GZ, NO , YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0 , NO, 0, 0, NO,
80, BEAM	, UNILoad, GZ, NO , YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0 , NO, 0, 0, NO,
81, BEAM	, UNILoad, GZ, NO , YES, 1, GY, -0.183, -0.183, YES, 0, -33.894, 1, -33.894, 0, 0, 0, 0 , NO, 0, 0, NO,

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[illegible]

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[illegible]

*USE-STLD, Unit

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; BEAMLOAD      : Element Beam Loads
; ELEM_LIST, CMD, TYPE, DIR, bPROJ, [ECCEN], [VALUE], GROUP
; ELEM_LIST, CMD, TYPE, DIR, VX, VY, VZ, bPROJ, [ECCEN], [VALUE], GROUP
; [VALUE]       : D1, P1, D2, P2, D3, P3, D4, P4
; [ECCEN]       : bECCEN, ECCDIR, I-END, J-END, bJ-END
; [ADDITIONAL]  : bADDITIONAL, ADDITIONAL_I-END, ADDITIONAL_J-END, bADDITIONAL_J-END

2, BEAM      , CONNMOMENT, GY, NO, NO, aDir[1], , , , 0, 1, 0, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
56, BEAM      , CONNMOMENT, GY, NO, NO, aDir[1], , , , -1, -1, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
59, BEAM      , CONNMOMENT, GY, NO, NO, aDir[1], , , , 0, 1, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,

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113, BEAM , CONCOMMENT, GY, NO , NO , aDir[1], , , , 1, -1, 0, 0, 0, 0, 0, 0, , NO, 0, 0, 0, NO,
; End of data for load case [Unit] -----

*MVLDCODE      ; Moving Load Code
; CODE=CODE
  CODE=KOREA

*LINELANE      ; Traffic Line Lanes
; NAME=NAME, LDIST, GROUP, SKEWS, SKEWE, MOVING, LW, WS, bLANEOPT ; line 1
; iLEML1, ECC1, FACT1, bSPAN1, ECCVL... ; from line 2
  NAME=L1, LANE, , 0, 0, BOTH, 3, 1.8, NO
    1, -0.445, 0.168, YES, 0, 2, -0.445, 0.168, NO, 0
    3, -0.445, 0.168, NO, 0, 4, -0.445, 0.168, NO, 0
    5, -0.445, 0.168, NO, 0, 6, -0.445, 0.168, NO, 0
    7, -0.445, 0.168, NO, 0, 8, -0.445, 0.168, NO, 0
    9, -0.445, 0.168, NO, 0, 10, -0.445, 0.168, NO, 0
    11, -0.445, 0.167, NO, 0, 12, -0.445, 0.167, NO, 0
    13, -0.445, 0.167, NO, 0, 14, -0.445, 0.167, NO, 0
    15, -0.445, 0.167, NO, 0, 16, -0.445, 0.167, YES, 0
    17, -0.445, 0.167, NO, 0, 18, -0.445, 0.167, NO, 0
    19, -0.445, 0.167, NO, 0, 20, -0.445, 0.167, NO, 0
    21, -0.445, 0.167, NO, 0, 22, -0.445, 0.167, NO, 0
    23, -0.445, 0.167, NO, 0, 24, -0.445, 0.167, NO, 0
    25, -0.445, 0.167, NO, 0, 26, -0.445, 0.167, NO, 0
    27, -0.445, 0.167, NO, 0, 28, -0.445, 0.167, NO, 0
    29, -0.445, 0.167, NO, 0, 30, -0.445, 0.167, NO, 0
    31, -0.445, 0.167, NO, 0, 32, -0.445, 0.167, YES, 0
    33, -0.445, 0.167, NO, 0, 34, -0.445, 0.167, NO, 0
    35, -0.445, 0.167, NO, 0, 36, -0.445, 0.167, NO, 0
    37, -0.445, 0.167, NO, 0, 38, -0.445, 0.167, NO, 0
    39, -0.445, 0.167, NO, 0, 40, -0.445, 0.167, NO, 0
    41, -0.445, 0.167, NO, 0, 42, -0.445, 0.177, NO, 0
    43, -0.445, 0.177, NO, 0, 44, -0.445, 0.177, NO, 0
    45, -0.445, 0.177, NO, 0, 46, -0.445, 0.177, YES, 0
    47, -0.445, 0.177, NO, 0, 48, -0.445, 0.177, NO, 0
    49, -0.445, 0.177, NO, 0, 50, -0.445, 0.189, NO, 0
    51, -0.445, 0.189, NO, 0, 52, -0.445, 0.189, NO, 0
    53, -0.445, 0.189, NO, 0, 54, -0.445, 0.189, NO, 0
    55, -0.445, 0.189, NO, 0, 56, -0.445, 0.189, NO, 0

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1, 2.722, 0.168, YES, 0,	2, 2.722, 0.168, NO, 0
3, 2.722, 0.168, NO, 0,	4, 2.722, 0.168, NO, 0
5, 2.722, 0.168, NO, 0,	6, 2.722, 0.168, NO, 0
7, 2.722, 0.168, NO, 0,	8, 2.722, 0.168, NO, 0
9, 2.722, 0.168, NO, 0,	10, 2.722, 0.168, NO, 0

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67, 0.33, 0, NO, 0,

68, 0.33, 0, NO, 0,

69, 0.33, 0, NO, 0,

70, 0.33, 0, NO, 0,

71, 0.33, 0, NO, 0,

72, 0.33, 0, NO, 0,

73, 0.33, 0, YES, 0,

74, 0.33, 0, NO, 0,

75, 0.33, 0, NO, 0,

76, 0.33, 0, NO, 0,

77, 0.33, 0, NO, 0,

78, 0.33, 0, NO, 0,

79, 0.33, 0, NO, 0,

80, 0.33, 0, NO, 0,

81, 0.33, 0, NO, 0,

82, 0.33, 0, NO, 0,

83, 0.33, 0, NO, 0,

84, 0.33, 0, NO, 0,

85, 0.33, 0, NO, 0,

86, 0.33, 0, NO, 0,

87, 0.33, 0, NO, 0,

88, 0.33, 0, NO, 0,

89, 0.33, 0, YES, 0,

90, 0.33, 0, NO, 0,

91, 0.33, 0, NO, 0,

92, 0.33, 0, NO, 0,

93, 0.33, 0, NO, 0,

94, 0.33, 0, NO, 0,

95, 0.33, 0, NO, 0,

96, 0.33, 0, NO, 0,

97, 0.33, 0, NO, 0,

98, 0.33, 0, NO, 0,

99, 0.33, 0, NO, 0,

100, 0.33, 0, NO, 0,

101, 0.33, 0, NO, 0,

102, 0.33, 0, NO, 0,

103, 0.33, 0, YES, 0,

104, 0.33, 0, NO, 0,

105, 0.33, 0, NO, 0,

106, 0.33, 0, NO, 0,

107, 0.33, 0, NO, 0,

108, 0.33, 0, NO, 0,

109, 0.33, 0, NO, 0,

110, 0.33, 0, NO, 0,

111, 0.33, 0, NO, 0,

112, 0.33, 0, NO, 0,

113, 0.33, 0, NO, 0,

114, 0.33, 0, NO, 0,

*LSUPPORT ; Lane Supports - Negative Moments at Interior Piers

; iTYPE, ELEM_LIST, POSITION ; (When iTYPE=0)

; iTYPE, GRUP-NAME ; (When iTYPE=1)

0, 16 32 46 73 89 103, END-I

0, 15 31 45 72 88 102, END-J

*VEHICLE ; Vehicles

; if Moving Load Code is China

; NAME=NAME, 1, TYPE-NAME, CODE ; standard

; NAME=NAME, 2, LTYPE, [TRUCK/LANE] or [TRAIN/SUBWAY] or [CROWD] ; user: line 1

; LOAD1, DIST1, LOAD2, DIST2, ... ; user: from line 2

; [TRUCK/LANE] : 1, P, Qm, Qq ; truck(JTG)

; [TRUCK/LANE] : 2, P, Qm, Qq ; lane load1

; [TRUCK/LANE] : 3, Qk, Pk1, L1, Pk2, L2 ; lane load2

; [TRUCK/LANE] : 4, dW, dD ; crawler type

; [TRUCK/LANE] : 5 ; GC type load

; [TRAIN/SUBWAY] : iTYPE, W1, D1, W2, D2 ; train-type1,3

; [TRAIN/SUBWAY] : iTYPE, DD, FD, BD, MAINCOUNT ; train-type2

; [TRAIN/SUBWAY] : 4, P1, D1, P2, D2, P3, D3, P4, dD, Po, n, IFR ; subway

; [CROWD] : 1, dW1 ; crowd-type1

; [CROWD] : 2, dW1, dL1, dW2, dL2, WIDTH ; crowd-type2

; if Moving Load Type is India

; NAME=NAME, 1, TYPE-NAME, CODE ; standard

; NAME=NAME, 2, bWTB, P, D, Pb, Db, dD1, dD2, NDIST ; user: line 1

; NAME=NAME, 2, bWTB, dD1, dD2, NDIST ; user: line 1

; LOAD1, DIST1, LOAD2, DIST2, ... ; user: from line 2

; if Moving Load Code is CANADA

; NAME=NAME, 1, TYPE-NAME, DLA, CODE, [DYNA] ; standard

; NAME=NAME, 2, bTRAIN, W(W1), PL(D1), PLM(W2), PLV(D2), NDIST, [DYNA] ; user: line 1

; LOAD1, DIST1, LOAD2, DIST2, ... ; user: from line 2

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; [DYNA] : nDYNA, FACT1AXLE, FACT2AXLE, FACT3AXLE; Dynamic Load Allowance

; if Moving Load Code is BS

; NAME=NAME, 1, TYPE-NAME, CODE, UNITNUM; standard

; NAME=nLane, FACTOR1, FACTOR2, FACTOR3, FACTOR4; HA, HA & HB, HA & HB(Auto)

; NAME=NAME, 2, iSTYPE, W1, W2, W3, L, Pa, Pb, D1, D2, d, UNITNUM; user(BS 5400)

; NAME=NAME, 2, iSTYPE, [BD37/01-HA], [BS-DATA-LF]; user(HA)

; NAME=NAME, 2, iSTYPE, [BS-DATA-HB]; user(HB)

; NAME=NAME, 2, iSTYPE, [BD37/01-HA2], [BS-DATA-HB2], [BS-DATA-LF]; user(HA&HB)

; NAME=NAME, 2, iSTYPE, [BD37/01-HA], [BD37/01-HB], [BS-DATA-LF]; user(HA&HB(AUTO))

; NAME=NAME, 2, iSTYPE, W, L; user(Pedestrian)

; NAME=NAME, 2, iSTYPE, V, AN, MINS, MAXS, P1, D1, P2, D2, ...; user(Special Vehicle)

; [BS-DATA-HA] : W1, W2, W3, EXP, EXP2, L1, L2, Pa

; [BS-DATA-HA2] : W1, W2, W3, EXP, EXP2, L1, L2

; [BS-DATA-HB] : Pb, D1, D2, d, UNITNUM

; [BS-DATA-HB2] : Pb, D1, D2, d, dd, UNITNUM

; [BS-DATA-LF] : nLT, LF1, LF2, LF3, LF4

; if Moving Load Code is EUROCODE

; NAME=NAME, 1, iTYPE, TYPE-NAME, PSY1, PSY2, PHI, [AF7]; standard (LM1, FLM1)

; NAME=NAME, 1, iTYPE, TYPE-NAME, bDF, bU, PHI, PSY, ADJ, IN; standard (others)

; NAME=NAME, 2, 1, [AF7]; user(Type 1)

; [LOAD7], D, PHI, TPSY, UPSY; user(Type 1): line 2

; NAME=NAME, 2, 2, ALP, TPSY, W, BET, LPSY, P1, D1, P2, D2, ...; user(Type 2)

; NAME=NAME, 2, 3; user(Type 3)

; [LOADCASE1]; user(Type 3): line 2

; [LOADCASE2]; user(Type 3): line 3

; [LOADCASE3]; user(Type 3): line 4

; NAME=NAME, 2, 4, WS, V, AN, MINS, MAXS, DYF, UI, F, P1, D1, P2, D2, ...; user(Type 4)

; NAME=NAME, 2, 5, INT, bPHI1, PHI1, bPHI2, PHI2; user(Type 5)

; [VEHICLE1]; user(Type 5): line 2

; [VEHICLE2]; user(Type 5): line 3

; [VEHICLE3]; user(Type 5): line 4

; [AF7] : TF1, TF2, TF3, UF1, UF2, UF3, UF4; adjustment factor

; [LOAD7] : TL1, TL2, TL3, UL1, UL2, UL3, UL4; tandem/udl loads

; [LOADCASE] : bUSE, N, bDF, bUI, PHI, P1, L1, P2, L2, ...; load case

; [VEHICLE] : bUSE, N, P1, L1, P2, L2, ...; vehicle

; if Moving Load Code is RUSSIA

; NAME=NAME, 1, iTYPE, K, nDYNAFAC, dDYNAFAC, bFATI, nLOADFAC, dLOADFAC; standard (SK)

; NAME=NAME, 1, iTYPE, K, nDYNAFAC, dDYNAFAC, bFATI, nLOADFAC, dLOADFAC; standard (SK FATIGUE)

; NAME=NAME, 1, iTYPE, K, nDYNAFAC, dDYNAFAC, dDYNAFAC_UDL; standard (AK)

; bFATI, nLOADFAC, dLOADFAC, dLOADFAC_UDL, s1, s1_UDL; standard (AK)

; NAME=NAME, 1, iTYPE, K, nDYNAFAC, dDYNAFAC, nLOADFAC, dLOADFAC, bTWOVEHL, TWOVEHL_FACT, b2NDREDUC, 2NDREDUC_FACT; standard (N14)

; NAME=NAME, 1, iTYPE, K, nDYNAFAC, dDYNAFAC, nLOADFAC, dLOADFAC, bTWOVEHL, TWOVEHL_FACT, b2NDREDUC, 2NDREDUC_FACT; standard (N11)

; NAME=NAME, 1, iTYPE, nDYNAFAC, dDYNAFAC, dEMPTYCAR

; bFATI, nLOADFAC, dLOADFAC; standard (SUBWAY TRAINS)

; NAME=NAME, 1, iTYPE, VARIABLE, nDYNAFAC, dDYNAFAC, dEMPTYCAR

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; bFATI, nLOADFAC, dLOADFAC ; standard (TRAMCARS)			
NAME=NAME, 1, iTYPE, nDYNAFAC, dDYNAFAC, bFATI, nLOADFAC, dLOADFAC ; standard (NK-80)			
NAME=NAME, 1, iTYPE, W, D, nDYNAFAC, dDYNAFAC, bFATI, nLOADFAC, dLOADFAC ; standard (NG-60)			
NAME=NAME, 1, iTYPE, BRIDGETYPE, W, bFATI, nLOADFAC, dLOADFAC ; standard (UNIFORM LOAD)			
NAME=NAME, 1, iTYPE, BRIDGETYPE, W, bFATI, nLOADFAC, dLOADFAC ; standard (UNIFORM LOAD(W/O OTHER LOADS))			
NAME=NAME, 1, iTYPE, BRIDGETYPE, P ; standard (CONCENTRATED LOAD (W/O OTHER LOADS))			
NAME=NAME, 2, iTYPE, W, nDYNAFAC, dDYNAFAC, dDYNAFAC_UDL			
bFATI, nLOADFAC, dLOADFAC, dLOADFAC_UDL, s1, s1_UDL ; user (Type 1)			
NAME=NAME, 2, iTYPE, nDYNAFAC, dDYNAFAC, dEMPTYCAR			
bFATI, nLOADFAC, dLOADFAC ; user (Type 2)			
NAME=NAME, 2, iTYPE, Variable, nDYNAFAC, dDYNAFAC, dEMPTYCAR			
bFATI, nLOADFAC, dLOADFAC ; user (Type 3)			
NAME=NAME, 2, iTYPE, nDYNAFAC, dDYNAFAC, nLOADFAC, dLOADFAC			
; bTWOVEHL, TWOVEHL_FACT, b2NDREDUC, 2NDREDUC_FACT ; user (Type 4)			
NAME=NAME, 2, iTYPE, nDYNAFAC, dDYNAFAC, nLOADFAC, dLOADFAC			
; bTWOVEHL, TWOVEHL_FACT, b2NDREDUC, 2NDREDUC_FACT ; user (Type 5)			
NAME=NAME, 2, iTYPE, W, D, nDYNAFAC, dDYNAFAC, bFATI, nLOADFAC, dLOADFAC ; user (Type 6)			
NAME=NAME, 2, iTYPE, P, W, bFATI, nLOADFAC, dLOADFAC ; user (Type 7)			
if Moving Load Code is KSCE-LS15			
NAME=NAME, 1, TYPE-NAME, nLANETYPE, dDYNAFAC, CODE ; standard			
NAME=NAME, 2, 8, L1, W1, W2, EXP ; user: line 1 (Type 1)			
NAME=NAME, 2, 1, W1, W2, D1, D2 ; user: line 1 (Type 2)			
NAME=NAME, 2, 6, LOADNUM, DIST, W, L ; user: line 1 (Type 3)			
LOAD1, DIST1, LOAD2, DIST2, ... ; user: from line 2			
if Moving Load Code is AASHTO LRFD, CANADA and Load Type is Permit Truck			
NAME=NAME, 3, AXLE-TYPE-NUM, IMP-FACTOR ; user(Permit Truck)			
AXLE-TYPE-NAME1, bEDWL1, bSV1, P1, D1, P2, D2, ..., Pn, Dn ; user(from line 2)			
...			
AXLE-TYPE-NAMEn, bEDWLn, bSVn, P1, D1, P2, D2, ..., Pn, Dn			
AXLE-TYPE1, SPACING1, bVS1, AXLE-TYPE2, SPACING2, bVS2 ... ; line 2+AXLE-TYPE-NUM			
if Moving Load Code is not one of those specified above.			
NAME=NAME, 1, TYPE-NAME, DLA, CODE ; standard			
NAME=NAME, 2, bTRAIN, W(W1), PL(D1), PLM(W2), PLV(D2), NDIST ; user: line 1			
LOAD1, DIST1, LOAD2, DIST2, ... ; user: from line 2			
NAME=DB-24, 1, DB-24, 0, KS-RB			
NAME=DL-24, 1, DL-24, 0, KS-RB			
NAME=Dump, 2, NO, 0, 0, 0, 0			
61, 3.2, 101.05, 1.3, 101.05, 1.3			
*MVLDCASE ; Moving Load Cases			
NAME=NAME, bLCPV, SCALE1, SCALE2, SCALE3, SCALE4, SCALE5, SCALE6, COMB, DESC, LCOM, SERIAL ; 1st line			
e nLTYPE, 2LFACTOR1, 2LFACTOR2, 3LFACTOR1, 3LFACTOR2, 3LFACTOR3, 3LFACTOR4 ; 2st line			
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; TYPE1, VCLASS1, SCALE1, iMIN1, iMAX1, LANE11, LANE12, ... ; 3nd line			
... ; ...			
TYPEn, VCLASSn, SCALEn, iMINn, iMAXn, LANEn1, LANEn2, ... ; n+1th line			
NAME=NAME, bLCPV, VEHICLE, REFLANE, ECCEN, SCALE, DESC ; Permit			
NAME=MV, NO, 1, 1, 0.9, 0.75, 0.75, 0.75, INDEPENDENT, , 0, 1			
1, 1, 1, 1, 0.5, 0.25			
VL, DB-24, 1, 1, 3, L1, L2, L3			
VL, DB-24, 1, 1, 3, R1, R2, R3			
VL, DL-24, 1, 1, 3, L1, L2, L3			
VL, DL-24, 1, 1, 3, R1, R2, R3			
NAME=LC1, NO, 1, 1, 0.9, 0.75, 0.75, 0.75, INDEPENDENT, , 0, 2			
1, 1, 1, 1, 0.5, 0.25			
VL, Dump, 1, 1, 1, T1			
NAME=LC2, NO, 1, 1, 0.9, 0.75, 0.75, 0.75, INDEPENDENT, , 0, 3			
1, 1, 1, 1, 0.5, 0.25			
VL, Dump, 1, 1, 1, T2			
NAME=LC3, NO, 1, 1, 0.9, 0.75, 0.75, 0.75, INDEPENDENT, , 0, 4			
1, 1, 1, 1, 0.5, 0.25			
VL, Dump, 1, 1, 1, T3			
*COMPBOXLC ; Pre-Combined Load Cases for Composite Section			
LCNAME1, LCNAME2, ..., LCNAMEn			
Deck, Self Weight			
*LOADCOMB ; Combinations			
NAME=NAME, KIND, ACTIVE, bES, iTYPE, DESC, iSERV-TYPE, nLCOMTYPE ; line 1			
ANAL1, LCNAME1, FACT1, ... ; from line 2			
NAME=ALL, GEN, ACTIVE, 0, 0, , 0			
ST, Self Weight, 1, ST, Deck, 1, ST, 2nd Dead, 1, MV, MV, 1			
NAME=DL(BC), GEN, ACTIVE, 0, 0, , 0			
ST, Self Weight, 1, ST, Deck, 1			
NAME=DL(AC), GEN, ACTIVE, 0, 0, , 0			
ST, 2nd Dead, 1			
NAME=LL, GEN, ACTIVE, 0, 0, , 0			
MV, MV, 1			
NAME=K, GEN, ACTIVE, 0, 0, , 0			
ST, Unit, 1			
*LC-COLOR ; Diagram Color for Load Case			
ANAL, LCNAME, iR1(ALL), iG1(ALL), iB1(ALL), iR2(MIN), iG2(MIN), iB2(MIN), iR3(MAX), iG2(MAX), iB2(MAX)			
ST, Self Weight, 192, 0, 128, 255, 255, 87, 255, 192, 87			
ST, Deck, 0, 192, 128, 128, 192, 0, 78, 0, 255			
ST, 2nd Dead, 255, 255, 255, 212, 160, 255, 192, 0, 128			
ST, Unit, 255, 0, 192, 0, 128, 192, 192, 192, 192			
MV, MV, 192, 128, 0, 255, 87, 87, 255, 192, 87			
CB, DL(BC), 0, 128, 255, 212, 160, 255, 93, 255, 87			
CB, DL(AC), 0, 128, 128, 192, 192, 192, 0, 192, 192			
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CB, LL, 0, 192, 192, 192, 192, 192, 255, 192, 87
CB, ALL, 0, 128, 57, 93, 255, 87, 160, 255, 255
CB, K, 192, 128, 0, 192, 128, 0, 255, 192, 87
MV, LC1, 192, 128, 0, 85, 192, 0, 0, 128, 57
MV, LC2, 0, 128, 192, 0, 128, 128, 255, 160, 255
MV, LC3, 255, 160, 255, 0, 192, 128, 78, 0, 255

```
*EIGEN-CTRL      ; Eigenvalue Analysis Control
; TYPE, iFREQ, iTTER, iDIM, TOL, bMINMAX, FRMIN, FRMAX, bSTRUM      ; TYPE=EIGEN
; TYPE, biNCNL, iGNUM                                              ; TYPE=RITZ(line 1)
;      KIND1, CASE1/GROUND1, iNOG1, ...                            ; TYPE=RITZ(from line2)
LANCZOS, 10, 20, 1, 1e-010, NO, 0, 0, NO
```

[illegible]

```

*SECTION MANAGER.GROUP & PART      ; Section Manager - Group & Part
*SECT = NO, b$AME                    ; line 1
      GRPDISIZE, GRPDISIZE, PARTISIZE, PARTJSIZE                ; line 2
.....
      LOOP UTIL (GRPDISIZE, GRPDISIZE)                          ;
      GROUPID, GROUPNAME, GROUPTYPE                             ; line n
.....

```

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TEXT FILE OUTPUT

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```

;      LOOP UTIL (PARTISIZE, PARTJSIZE) ;
;      PARTTYPE, GROUPID, PARTNAME, PARTSHAPE, bSTIFFENER ; line n
;      LINESIZE, LINEINDEX[i]..... ; line n
*****

```

```

SECT=1, YES
0, 0, 0, 0
SECT=2, YES
0, 0, 0, 0
SECT=3, YES
0, 0, 0, 0
SECT=4, YES
0, 0, 0, 0
SECT=5, YES
0, 0, 0, 0
SECT=6, YES
0, 0, 0, 0
SECT=7, YES
0, 0, 0, 0
SECT=8, YES
0, 0, 0, 0
SECT=9, YES
0, 0, 0, 0
SECT=10, YES
0, 0, 0, 0
SECT=11, YES
0, 0, 0, 0
SECT=12, YES
0, 0, 0, 0
SECT=13, YES
0, 0, 0, 0

```

```

SECTION MANAGER-STIFFENER      ; Section Manager - Stiffener
; SECT = NO, bSAMEJ                      ; line 1
; STFNJSIZE, STFNJSIZE                      ; line 2
; .....
; LOOP UTIL (STFNJSIZE, STFNJSIZE)                      ;
; TYPE, Z, STANDREF, POSLINE, STANDREFL, NUM, CTC      ; line n
; STIFFTYPE, dSIZE(0 ~ 20)                      ; line n
; LINESIZE, LINEINDEX[i].....                      ; line n
; .....
SECT=1, YES
0, 0
SECT=2, YES
0, 0
SECT=3, YES
0, 0
SECT=4, YES

```

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	Author		File Name	원남교(하행)-안전성검토

```
0, 0
  SECT=5, YES
0, 0
  SECT=6, YES
0, 0
  SECT=7, YES
0, 0
  SECT=8, YES
0, 0
  SECT=9, YES
0, 0
  SECT=10, YES
0, 0
  SECT=11, YES
0, 0
  SECT=12, YES
0, 0
  SECT=13, YES
0, 0
```

*ENDDATA

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