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: MIDAS/Civil Text(MCT) File.
: Date : 2013/6/21
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*VERSION
  8.1.5
*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, 1, 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
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1018,	249.332,	-5.939,	0.729	69, BEAM	,	1,	9,	70,	71,	0
1019,	249.615,	3.005,	0.729	70, BEAM	,	1,	10,	71,	72,	0
1020,	249.615,	1.255,	0.729	71, BEAM	,	1,	11,	72,	73,	0
1021,	293.539,	-6.31,	1.261	72, BEAM	,	1,	12,	73,	134,	0
1022,	293.539,	-8.06,	1.261	73, BEAM	,	1,	13,	74,	136,	0
1023,	293.945,	0.878,	1.261	74, BEAM	,	1,	15,	75,	76,	0
1024,	293.945,	-0.872,	1.261	75, BEAM	,	1,	16,	76,	77,	0
*ELEMENT	; Elements				76, BEAM	,	1,	17,	77,	0
1, BEAM	,	1,	1,	2,	0	77, BEAM	,	1,	18,	0
2, BEAM	,	1,	3,	2,	0	78, BEAM	,	1,	19,	0
3, BEAM	,	1,	4,	3,	0	79, BEAM	,	1,	20,	0
4, BEAM	,	1,	5,	4,	0	80, BEAM	,	1,	22,	0
5, BEAM	,	1,	5,	5,	0	81, BEAM	,	1,	23,	0
6, BEAM	,	1,	5,	6,	0	82, BEAM	,	1,	1,	0
7, BEAM	,	1,	6,	7,	0	83, BEAM	,	1,	24,	0
8, BEAM	,	1,	7,	8,	0	84, BEAM	,	1,	25,	0
9, BEAM	,	1,	8,	9,	0	85, BEAM	,	1,	26,	0
10, BEAM	,	1,	9,	10,	0	86, BEAM	,	1,	27,	0
11, BEAM	,	1,	10,	11,	0	87, BEAM	,	1,	28,	0
12, BEAM	,	1,	11,	12,	0	88, BEAM	,	1,	21,	0
13, BEAM	,	1,	12,	13,	0	89, BEAM	,	1,	31,	0
14, BEAM	,	1,	13,	14,	0	90, BEAM	,	1,	32,	0
15, BEAM	,	1,	15,	15,	0	91, BEAM	,	1,	33,	0
16, BEAM	,	1,	16,	16,	0	92, BEAM	,	1,	34,	0
17, BEAM	,	1,	17,	17,	0	93, BEAM	,	1,	35,	0
18, BEAM	,	1,	18,	18,	0	94, BEAM	,	1,	35,	0
19, BEAM	,	1,	19,	19,	0	95, BEAM	,	1,	35,	0
20, BEAM	,	1,	20,	20,	0	96, BEAM	,	1,	35,	0
21, BEAM	,	1,	22,	21,	0	97, BEAM	,	1,	36,	0

98, BEAM	,	1,	37,	99,	142,	0	294, BEAM	,	2,	100,	188,	189,	0
99, BEAM	,	1,	29,	100,	144,	0	295, BEAM	,	2,	100,	189,	190,	0
100, BEAM	,	1,	40,	101,	102,	0	296, BEAM	,	2,	100,	190,	191,	0
101, BEAM	,	1,	41,	102,	103,	0	297, BEAM	,	2,	100,	191,	192,	0
102, BEAM	,	1,	41,	103,	104,	0	298, BEAM	,	2,	100,	192,	193,	0
103, BEAM	,	1,	41,	104,	105,	0	299, BEAM	,	2,	100,	193,	194,	0
104, BEAM	,	1,	41,	105,	106,	0	300, BEAM	,	2,	100,	194,	195,	0
105, BEAM	,	1,	41,	106,	107,	0	301, BEAM	,	2,	100,	195,	196,	0
106, BEAM	,	1,	41,	107,	108,	0	302, BEAM	,	2,	100,	196,	197,	0
107, BEAM	,	1,	40,	108,	109,	0	303, BEAM	,	2,	100,	197,	198,	0
108, BEAM	,	1,	39,	109,	110,	0	304, BEAM	,	2,	100,	198,	199,	0
109, BEAM	,	1,	42,	110,	146,	0	305, BEAM	,	2,	100,	199,	200,	0
110, BEAM	,	1,	38,	111,	148,	0	306, BEAM	,	2,	100,	200,	201,	0
111, BEAM	,	1,	44,	112,	113,	0	307, BEAM	,	2,	100,	201,	202,	0
112, BEAM	,	1,	45,	113,	114,	0	308, BEAM	,	2,	100,	202,	203,	0
113, BEAM	,	1,	46,	114,	115,	0	309, BEAM	,	2,	100,	203,	204,	0
114, BEAM	,	1,	46,	115,	116,	0	310, BEAM	,	2,	100,	204,	205,	0
115, BEAM	,	1,	46,	116,	117,	0	311, BEAM	,	2,	100,	205,	206,	0
116, BEAM	,	1,	46,	117,	118,	0	312, BEAM	,	2,	100,	206,	207,	0
117, BEAM	,	1,	46,	118,	119,	0	313, BEAM	,	2,	100,	207,	208,	0
118, BEAM	,	1,	47,	119,	120,	0	314, BEAM	,	2,	99,	209,	149,	0
119, BEAM	,	1,	13,	133,	14,	0	315, BEAM	,	2,	99,	210,	150,	0
120, BEAM	,	1,	13,	134,	74,	0	316, BEAM	,	2,	99,	211,	151,	0
121, BEAM	,	1,	14,	135,	15,	0	317, BEAM	,	2,	99,	212,	152,	0
122, BEAM	,	1,	14,	136,	75,	0	318, BEAM	,	2,	99,	213,	153,	0
123, BEAM	,	1,	21,	137,	29,	0	319, BEAM	,	2,	99,	214,	154,	0
124, BEAM	,	1,	21,	138,	89,	0	320, BEAM	,	2,	99,	215,	155,	0
125, BEAM	,	1,	30,	139,	30,	0	321, BEAM	,	2,	99,	216,	156,	0
126, BEAM	,	1,	30,	140,	90,	0	322, BEAM	,	2,	99,	217,	157,	0
127, BEAM	,	1,	29,	141,	40,	0	323, BEAM	,	2,	99,	218,	158,	0
128, BEAM	,	1,	29,	142,	100,	0	324, BEAM	,	2,	99,	219,	159,	0
129, BEAM	,	1,	39,	143,	41,	0	325, BEAM	,	2,	99,	220,	160,	0
130, BEAM	,	1,	39,	144,	101,	0	326, BEAM	,	2,	99,	221,	161,	0
131, BEAM	,	1,	38,	145,	51,	0	327, BEAM	,	2,	99,	222,	162,	0
132, BEAM	,	1,	38,	146,	111,	0	328, BEAM	,	2,	99,	223,	163,	0
133, BEAM	,	1,	43,	147,	52,	0	329, BEAM	,	2,	99,	224,	164,	0
134, BEAM	,	1,	43,	148,	112,	0	330, BEAM	,	2,	99,	225,	165,	0
255, BEAM	,	2,	100,	149,	150,	0	331, BEAM	,	2,	99,	226,	166,	0
256, BEAM	,	2,	100,	150,	151,	0	332, BEAM	,	2,	99,	227,	167,	0
257, BEAM	,	2,	100,	151,	152,	0	333, BEAM	,	2,	99,	228,	168,	0
258, BEAM	,	2,	100,	152,	153,	0	334, BEAM	,	2,	99,	229,	169,	0
259, BEAM	,	2,	100,	153,	154,	0	335, BEAM	,	2,	99,	230,	170,	0
260, BEAM	,	2,	100,	154,	155,	0	336, BEAM	,	2,	99,	231,	171,	0
261, BEAM	,	2,	100,	155,	156,	0	337, BEAM	,	2,	99,	232,	172,	0
262, BEAM	,	2,	100,	156,	157,	0	338, BEAM	,	2,	99,	233,	173,	0
263, BEAM	,	2,	100,	157,	158,	0	339, BEAM	,	2,	99,	234,	174,	0
264, BEAM	,	2,	100,	158,	159,	0	340, BEAM	,	2,	99,	235,	175,	0
265, BEAM	,	2,	100,	159,	160,	0	341, BEAM	,	2,	99,	236,	176,	0
266, BEAM	,	2,	100,	160,	161,	0	342, BEAM	,	2,	99,	237,	177,	0
267, BEAM	,	2,	100,	161,	162,	0	343, BEAM	,	2,	99,	238,	178,	0
268, BEAM	,	2,	100,	162,	163,	0	344, BEAM	,	2,	99,	239,	179,	0
269, BEAM	,	2,	100,	163,	164,	0	345, BEAM	,	2,	99,	240,	180,	0
270, BEAM	,	2,	100,	164,	165,	0	346, BEAM	,	2,	99,	241,	181,	0
271, BEAM	,	2,	100,	165,	166,	0	347, BEAM	,	2,	99,	242,	182,	0
272, BEAM	,	2,	100,	166,	167,	0	348, BEAM	,	2,	99,	243,	183,	0
273, BEAM	,	2,	100,	167,	168,	0	349, BEAM	,	2,	99,	244,	184,	0
274, BEAM	,	2,	100,	168,	169,	0	350, BEAM	,	2,	99,	245,	185,	0
275, BEAM	,	2,	100,	169,	170,	0	351, BEAM	,	2,	99,	246,	186,	0
276, BEAM	,	2,	100,	170,	171,	0	352, BEAM	,	2,	99,	247,	187,	0
277, BEAM	,	2,	100,	171,	172,	0	353, BEAM	,	2,	99,	248,	188,	0
278, BEAM	,	2,	100,	172,	173,	0	354, BEAM	,	2,	99,	249,	189,	0
279, BEAM	,	2,	100,	173,	174,	0	355, BEAM	,	2,	99,	250,	190,	0
280, BEAM	,	2,	100,	174,	175,	0	356, BEAM	,	2,	99,	251,	191,	0
281, BEAM	,	2,	100,	175,	176,	0	357, BEAM	,	2,	99,	252,	192,	0
282, BEAM	,	2,	100,	176,	177,	0	358, BEAM	,	2,	99,	253,	193,	0
283, BEAM	,	2,	100,	177,	178,	0	359, BEAM	,	2,	99,	254,	194,	0
284, BEAM	,	2,	100,	178,	179,	0	360, BEAM	,	2,	99,	255,	195,	0
285, BEAM	,	2,	100,	179,	180,	0	361, BEAM	,	2,	99,	256,	196,	0
286, BEAM	,	2,	100,	180,	181,	0	362, BEAM	,	2,	99,	257,	197,	0
287, BEAM	,	2,	100,	181,	182,	0	363, BEAM	,	2,	99,	258,	198,	0
288, BEAM	,	2,	100,	182,	183,	0	364, BEAM	,	2,	99,	259,	199,	0
289, BEAM	,	2,	100,	183,	184,	0	365, BEAM	,	2,	99,	260,	200,	0
290, BEAM	,	2,	100,	184,	185,	0	366, BEAM	,	2,	99,	261,	201,	0
291, BEAM	,	2,	100,	185,	186,	0	367, BEAM	,	2,	99,	262,	202,	0
292, BEAM	,	2,	100,	186,	187,	0	368, BEAM	,	2,	99,	263,	203,	0
293, BEAM	,	2,	100,	187,	188,	0	369, BEAM	,	2,	99,	264,	204,	0

370, BEAM , 2, 99, 265, 205, 0
 371, BEAM , 2, 99, 266, 206, 0
 372, BEAM , 2, 99, 267, 207, 0
 373, BEAM , 2, 99, 268, 208, 0
 374, BEAM , 2, 99, 149, 269, 0
 375, BEAM , 2, 99, 150, 270, 0
 376, BEAM , 2, 99, 151, 271, 0
 377, BEAM , 2, 99, 152, 272, 0
 378, BEAM , 2, 99, 153, 273, 0
 379, BEAM , 2, 99, 154, 274, 0
 380, BEAM , 2, 99, 155, 275, 0
 381, BEAM , 2, 99, 156, 276, 0
 382, BEAM , 2, 99, 157, 277, 0
 383, BEAM , 2, 99, 158, 278, 0
 384, BEAM , 2, 99, 159, 279, 0
 385, BEAM , 2, 99, 160, 280, 0
 386, BEAM , 2, 99, 161, 281, 0
 387, BEAM , 2, 99, 162, 282, 0
 388, BEAM , 2, 99, 163, 283, 0
 389, BEAM , 2, 99, 164, 284, 0
 390, BEAM , 2, 99, 165, 285, 0
 391, BEAM , 2, 99, 166, 286, 0
 392, BEAM , 2, 99, 167, 287, 0
 393, BEAM , 2, 99, 168, 288, 0
 394, BEAM , 2, 99, 169, 289, 0
 395, BEAM , 2, 99, 170, 290, 0
 396, BEAM , 2, 99, 171, 291, 0
 397, BEAM , 2, 99, 172, 292, 0
 398, BEAM , 2, 99, 173, 293, 0
 399, BEAM , 2, 99, 174, 294, 0
 400, BEAM , 2, 99, 175, 295, 0
 401, BEAM , 2, 99, 176, 296, 0
 402, BEAM , 2, 99, 177, 297, 0
 403, BEAM , 2, 99, 178, 298, 0
 404, BEAM , 2, 99, 179, 299, 0
 405, BEAM , 2, 99, 180, 300, 0
 406, BEAM , 2, 99, 181, 301, 0
 407, BEAM , 2, 99, 182, 302, 0
 408, BEAM , 2, 99, 183, 303, 0
 409, BEAM , 2, 99, 184, 304, 0
 410, BEAM , 2, 99, 185, 305, 0
 411, BEAM , 2, 99, 186, 306, 0
 412, BEAM , 2, 99, 187, 307, 0
 413, BEAM , 2, 99, 188, 308, 0
 414, BEAM , 2, 99, 189, 309, 0
 415, BEAM , 2, 99, 190, 310, 0
 416, BEAM , 2, 99, 191, 311, 0
 417, BEAM , 2, 99, 192, 312, 0
 418, BEAM , 2, 99, 193, 313, 0
 419, BEAM , 2, 99, 194, 314, 0
 420, BEAM , 2, 99, 195, 315, 0
 421, BEAM , 2, 99, 196, 316, 0
 422, BEAM , 2, 99, 197, 317, 0
 423, BEAM , 2, 99, 198, 318, 0
 424, BEAM , 2, 99, 199, 319, 0
 425, BEAM , 2, 99, 200, 320, 0
 426, BEAM , 2, 99, 201, 321, 0
 427, BEAM , 2, 99, 202, 322, 0
 428, BEAM , 2, 99, 203, 323, 0
 429, BEAM , 2, 99, 204, 324, 0
 430, BEAM , 2, 99, 205, 325, 0
 431, BEAM , 2, 99, 206, 326, 0
 432, BEAM , 2, 99, 207, 327, 0
 433, BEAM , 2, 99, 208, 328, 0
 *GROUP : Group
 ; NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE
 girder , 1to120 133to148 1001to1023by2, 1to134, 0
 crossbeam , 1to120, 314to433, 0
 stringer , 149to208, 255to313, 0
 cb01 , 1to60 149to268, 314to373, 0
 cb02 , 61to120 149to208 269to328, 374to433, 0
 bearing , 1001to1024, 0
 *MATERIAL : Material
 1, STEEL, SM490 , 0, 0, , C, NO, 0.05, 1,
 KS10-Civil(S), , SM490
 2, STEEL, SM400 , 0, 0, , C, NO, 0.05, 1,

KS10-Civil(S), , SM400
 3, CONC , C27 , 0, 0, , C, NO, 0.05, 1,
 KS01-Civil(RC), KCI-2007 , C27
 *MATL-COLOR
 ; iMAT, 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
 *SECTION : Section
 1, COMPOSITE, S1-U12L14W12, CT, 0, 0, 0, 0, 0, 0, YES, B
 3, 0.012, 2.8, 0.07, 0.012, 2.8, 0.07, 0.014
 3, 7, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 3, COMPOSITE, S1-U14L16W14, CT, 0, 0, 0, 0, 0, 0, YES, B
 3, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.016
 3, 7, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 4, COMPOSITE, S1-U20L16W14, CT, 0, 0, 0, 0, 0, 0, YES, B
 3, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.016
 3, 7, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 5, COMPOSITE, S1-U20L24W14, CT, 0, 0, 0, 0, 0, 0, YES, B
 3, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.024
 3, 7, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 6, COMPOSITE, S1-U20L24W14, CT, 0, 0, 0, 0, 0, 0, YES, B
 3, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.024
 3, 7, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 7, TAPERED, 3.0-3.06, CT, 0, 0, 0, 0, 0, 0, 0, YES, CP_B,
 1, 2, CMP-B
 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 6.0725, 3, 0.014, 2.8, 0.07, 0.002, 2.8, 0.07, 0.024
 6.0725, 3.0585, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.024
 3, 7, 0.15, 0.15, 0.014, 0.014
 8, TAPERED, 3.06-3.17, CT, 0, 0, 0, 0, 0, 0, 0, YES,
 CP_B, 1, 2, CMP-B
 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 6.0725, 3.0585, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.018
 6.0725, 3.1659, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.018
 7, 7, 0.15, 0.15, 0.014, 0.014
 9, TAPERED, 3.17-3.32, CT, 0, 0, 0, 0, 0, 0, 0, YES,
 CP_B, 1, 2, CMP-B
 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 6.0725, 3.1659, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.018
 6.0725, 3.3187, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.026
 7, 7, 0.15, 0.15, 0.014, 0.014
 10, TAPERED, 3.32-3.53, CT, 0, 0, 0, 0, 0, 0, 0, YES,
 CP_B, 1, 2, CMP-B
 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 6.0725, 3.3187, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.018
 6.0725, 3.5268, 0.014, 2.8, 0.07, 0.022, 2.8, 0.07, 0.026
 7, 3, 0.15, 0.15, 0.014, 0.014
 11, TAPERED, 3.53-3.77, CT, 0, 0, 0, 0, 0, 0, 0, YES,
 CP_B, 1, 2, CMP-B
 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 6.0725, 3.5268, 0.02, 2.8, 0.07, 0.022, 2.8, 0.07, 0.026
 6.0725, 3.7869, 0.02, 2.8, 0.07, 0.022, 2.8, 0.07, 0.026
 7, 3, 0.15, 0.15, 0.014, 0.014
 12, TAPERED, 3.77-4.00, CT, 0, 0, 0, 0, 0, 0, 0, YES,
 CP_B, 1, 2, CMP-B
 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 6.0725, 3.7869, 0.02, 2.8, 0.07, 0.03, 2.8, 0.07, 0.032
 6.0725, 4, 0.02, 2.8, 0.07, 0.03, 2.8, 0.07, 0.032
 7, 3, 0.15, 0.15, 0.014, 0.014
 13, COMPOSITE, P15-U30L32W20, CT, 0, 0, 0, 0, 0, 0, YES, B
 4, 0.02, 2.8, 0.07, 0.03, 2.8, 0.07, 0.032
 7, 3, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 14, TAPERED, 4.00-3.82, CT, 0, 0, 0, 0, 0, 0, 0, YES, CP_B,
 1, 2, CMP-B
 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
 6.0725, 4, 0.02, 2.8, 0.07, 0.03, 2.8, 0.07, 0.032
 6.0725, 3.815, 0.02, 2.8, 0.07, 0.03, 2.8, 0.07, 0.032
 7, 3, 0.15, 0.15, 0.014, 0.014

15, TAPERED, 3.82-3.58, CT, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.815, 0.02, 2.8, 0.07, 0.022, 2.8, 0.07, 0.026
6.0725, 3.5835, 0.02, 2.8, 0.07, 0.022, 2.8, 0.07, 0.026
7, 3, 0.15, 0.15, 0.014, 0.014
16, TAPERED, 3.58-3.39, CT, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.5835, 0.02, 2.8, 0.07, 0.022, 2.8, 0.07, 0.026
6.0725, 3.3906, 0.02, 2.8, 0.07, 0.018, 2.8, 0.07, 0.02
7, 3, 0.15, 0.15, 0.014, 0.014
17, TAPERED, 3.39-3.24, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.3906, 0.014, 2.8, 0.07, 0.018, 2.8, 0.07, 0.02
6.0725, 3.2363, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
7, 3, 0.15, 0.15, 0.014, 0.014
18, TAPERED, 3.24-3.12, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.2363, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
6.0725, 3.1206, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
7, 7, 0.15, 0.15, 0.014, 0.014
19, TAPERED, 3.12-3.04, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.1206, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
6.0725, 3.0434, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
7, 7, 0.15, 0.15, 0.014, 0.014
20, TAPERED, 3.04-3.00, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.0434, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.016
6.0725, 3.0048, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.016
3, 7, 0.15, 0.15, 0.014, 0.014
21, COMPOSITE , S2-U14L16W14 , CT, 0, 0, 0, 0, 0, 0, YES, B
4, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.016
3, 7, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
22, TAPERED, 3.00-3.04, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.0048, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.016
6.0725, 3.0434, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.016
3, 7, 0.15, 0.15, 0.014, 0.014
23, TAPERED, 3.04-3.12, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.0434, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
6.0725, 3.1206, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
7, 7, 0.15, 0.15, 0.014, 0.014
24, TAPERED, 3.12-3.24, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.1206, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
6.0725, 3.2363, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
7, 7, 0.15, 0.15, 0.014, 0.014
25, TAPERED, 3.24-3.39, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.2363, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
6.0725, 3.3906, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.022
7, 3, 0.15, 0.15, 0.014, 0.014
26, TAPERED, 3.39-3.58, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.3906, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.022
6.0725, 3.5835, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.022
7, 3, 0.15, 0.15, 0.014, 0.014
27, TAPERED, 3.58-3.82, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.5835, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.022
6.0725, 3.815, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.022
7, 3, 0.15, 0.15, 0.014, 0.014
28, TAPERED, 3.82-4.00, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 3.815, 0.014, 2.8, 0.07, 0.024, 2.8, 0.07, 0.026
6.0725, 4, 0.014, 2.8, 0.07, 0.024, 2.8, 0.07, 0.026
7, 3, 0.15, 0.15, 0.014, 0.014
29, COMPOSITE, P16-U30L32W20, CT, 0, 0, 0, 0, 0, 0, YES, B
3, 0.014, 2.8, 0.07, 0.025, 2.8, 0.07, 0.026
7, 3, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
30, TAPERED, 4.00-3.75, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
6.0725, 4, 0.014, 2.8, 0.07, 0.024, 2.8, 0.07, 0.026
6.0725, 3.7489, 0.014, 2.8, 0.07, 0.024, 2.8, 0.07

12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
44, COMPOSITE, S5-U16L20W12, CT, 0, 0, 0, 0, 0, 0, YES, B
3, 0.012, 2.8, 0.07, 0.016, 2.8, 0.07, 0.012
7, 3, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
45, COMPOSITE, S5-U12L14W12, CT, 0, 0, 0, 0, 0, 0, YES, B
3, 0.012, 2.8, 0.07, 0.012, 2.8, 0.07, 0.014
7, 7, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
46, COMPOSITE, S5-U14L14W12, CT, 0, 0, 0, 0, 0, 0, YES, B
3, 0.012, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
3, 7, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
47, COMPOSITE, S5-U12L12W12, CT, 0, 0, 0, 0, 0, 0, YES, B
3, 0.012, 2.8, 0.07, 0.012, 2.8, 0.07, 0.012
3, 7, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18, NO, ,
99, DBUSER, crossbeam, CT, 0, 0, 0, 0, 0, 0, YES, H, 2, 2,
0.45, 0.014, 0.018, 0.45, 0.018, 0, 0, 0, 0
100, DBUSER, stringer, CT, 0, 0, 0, 0, 0, 0, YES, H, 2, 1.23,
0.25, 0.01, 0.01, 0.25, 0.01, 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
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
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
14, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
15, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
16, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
17, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
18, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
19, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
20, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
21, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
22, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
23, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
24, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
25, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
26, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
27, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
28, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
29, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
30, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
31, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
32, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
33, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
34, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
35, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
36, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
37, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
38, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
39, 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
43, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
44, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
45, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
46, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
47, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
99, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
100, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
*DGN-SECT
1, COMPOSITE, S1-U12L14W12, CT, 0, 0, 0, 0, 0, 0,
YES, B
3, 0.012, 2.8, 0.07, 0.012, 2.8, 0.07, 0.014

3, 7, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 0, 0.3, 0.18,
NO, ,
3, COMPOSITE, S1-U14L16W14, CT, 0, 0, 0, 0, 0, 0,
YES, B
3, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.016
3, 7, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
0.18, NO, ,
4, COMPOSITE, S1-U20L16W14, CT, 0, 0, 0, 0, 0, 0,
YES, B
3, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.016
3, 7, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
0.18, NO, ,
5, COMPOSITE, S1-U20L24W14, CT, 0, 0, 0, 0, 0, 0,
YES, B
3, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.024
3, 7, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
0.18, NO, ,
6, COMPOSITE, S1-U20L24W14, CT, 0, 0, 0, 0, 0, 0,
YES, B
3, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.024
3, 7, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
0.18, NO, ,
7, TAPERED, 3.0-3.06, CT, 0, 0, 0, 0, 0, 0, 0,
0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3, 0.18,
NO, ,
6.0725, 3, 0.014, 2.8, 0.07, 0.002, 2.8, 0.07, 0.024
6.0725, 3.0585, 0.014, 2.8, 0.07, 0.02, 2.8, 0.07, 0.024
3, 7, 0.15, 0.15, 0.014, 0.014
8, TAPERED, 3.06-3.17, CT, 0, 0, 0, 0, 0, 0, 0,
0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3, 0.18,
NO, ,
6.0725, 3.0585, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.018
6.0725, 3.1659, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.018
7, 7, 0.15, 0.15, 0.014, 0.014
9, TAPERED, 3.17-3.32, CT, 0, 0, 0, 0, 0, 0, 0,
0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 3.13991, 0.3, 0.18,
NO, ,
6.0725, 3.1659, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.018
6.0725, 3.3187, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.026
7, 7, 0.15, 0.15, 0.014, 0.014
10, TAPERED, 3.32-3.53, CT, 0, 0, 0, 0, 0, 0, 0,
0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 3.13991, 0.3, 0.18,
NO, ,
6.0725, 3.3187, 0.014, 2.8, 0.07, 0.014, 2.8, 0.07, 0.018
6.0725, 3.5268, 0.014, 2.8, 0.07, 0.022, 2.8, 0.07, 0.026
7, 3, 0.15, 0.15, 0.014, 0.014
11, TAPERED, 3.53-3.77, CT, 0, 0, 0, 0, 0, 0, 0,
0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 3.13991, 0.3, 0.18,
NO, ,
6.0725, 3.5268, 0.02, 2.8, 0.07, 0.022, 2.8, 0.07, 0.026
6.0725, 3.7869, 0.02, 2.8, 0.07, 0.022, 2.8, 0.07, 0.026
7, 3, 0.15, 0.15, 0.014, 0.014
12, TAPERED, 3.77-4.00, CT, 0, 0, 0, 0, 0, 0, 0,
0, YES, CP_B, 1, 2, CMP-B
2, 7.2, 6.0725, 0.3, 0.05, 7.37888, 3.13991, 0.3, 0.18,
NO, ,
6.0725, 3.7869, 0.02, 2.8, 0.07, 0.03, 2.8, 0.07, 0.032
6.0725, 4, 0.02, 2.8, 0.07, 0.03, 2.8, 0.07, 0.032
7, 3, 0.15, 0.15, 0.014, 0.014
13, COMPOSITE, P15-U30L32W20, CT, 0, 0, 0, 0, 0, 0,
YES, B
4, 0.02, 2.8, 0.07, 0.03, 2.8, 0.07, 0.032
7, 3, 0.15, 0.15, 0.014, 0.014
12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
0.18, NO, ,
14, TAPERED, 4.00-3.82, CT, 0, 0, 0, 0, 0, 0, 0,

3, 0.012, 2.8, 0.07, 0.012, 2.8, 0.07, 0.014
 3, 7, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 37, COMPOSITE , S3-U16L20W12 , CT, 0, 0, 0, 0, 0, 0,
 YES, B
 3, 0.012, 2.8, 0.07, 0.016, 2.8, 0.07, 0.02
 7, 7, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 38, COMPOSITE , P17-U20L24W12 , CT, 0, 0, 0, 0, 0, 0,
 YES, B
 3, 0.012, 2.8, 0.07, 0.02, 2.8, 0.07, 0.024
 7, 7, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 39, COMPOSITE , S4-U16L20W12 , CT, 0, 0, 0, 0, 0, 0,
 YES, B
 3, 0.012, 2.8, 0.07, 0.016, 2.8, 0.07, 0.02
 7, 3, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 40, COMPOSITE , S4-U12L14W12 , CT, 0, 0, 0, 0, 0, 0,
 YES, B
 3, 0.012, 2.8, 0.07, 0.012, 2.8, 0.07, 0.014
 7, 3, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 41, COMPOSITE , S4-U14L14W12 , CT, 0, 0, 0, 0, 0, 0,
 YES, B
 3, 0.012, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
 7, 3, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 42, COMPOSITE , P18-U20L24W12 , CT, 0, 0, 0, 0, 0, 0,
 YES, B
 3, 0.012, 2.8, 0.07, 0.02, 2.8, 0.07, 0.024
 7, 3, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 43, COMPOSITE , P18-U22L26W12 , CT, 0, 0, 0, 0, 0, 0,
 YES, B
 3, 0.012, 2.8, 0.07, 0.022, 2.8, 0.07, 0.026
 7, 3, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 44, COMPOSITE , S5-U16L20W12 , CT, 0, 0, 0, 0, 0, 0,
 YES, B
 3, 0.012, 2.8, 0.07, 0.016, 2.8, 0.07, 0.02
 7, 3, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 45, COMPOSITE , S5-U12L14W12 , CT, 0, 0, 0, 0, 0, 0,
 YES, B
 3, 0.012, 2.8, 0.07, 0.012, 2.8, 0.07, 0.014
 7, 7, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 46, COMPOSITE , S5-U14L14W12 , CT, 0, 0, 0, 0, 0, 0,
 YES, B
 3, 0.012, 2.8, 0.07, 0.014, 2.8, 0.07, 0.014
 3, 7, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 47, COMPOSITE , S5-U12L12W12 , CT, 0, 0, 0, 0, 0, 0,
 YES, B
 3, 0.012, 2.8, 0.07, 0.012, 2.8, 0.07, 0.012
 3, 7, 0.15, 0.15, 0.014, 0.014
 12.145, 2, 7.2, 6.0725, 0.25, 0.05, 7.37888, 3.13991, 0.3,
 0.18, NO, ,
 99, DBUSER , crossbeam , CT, 0, 0, 0, 0, 0, 0,
 YES, H , 2, 2, 0.45, 0.014, 0.018, 0.45, 0.018, 0, 0, 0, 0
 100, DBUSER , stringer , CT, 0, 0, 0, 0, 0, 0,
 YES, H , 2, 1.23, 0.25, 0.01, 0.01, 0.25, 0.01, 0, 0, 0, 0
 *STLDCASE ; Static Load Cases
 ; LCNAME, LCTYPE, DESC

합성전-강재자중, D ,
 합성전-바닥판-수직하, D ,
 합성전-바닥판-비틀림, D ,
 합성전-가로보 현치하, D ,
 합성후-포장 방호책, D ,
 합성후-부속설비하중, D ,
 영향계수, USER,
 *LOCALAXIS ; Node Local Axis
 1001, 1, 0, 0, 3.237
 1002, 1, 0, 0, 3.237
 1003, 1, 0, 0, 3.237
 1004, 1, 0, 0, 3.237
 1005, 1, 0, 0, 1.818
 1006, 1, 0, 0, 1.818
 1007, 1, 0, 0, 1.818
 1008, 1, 0, 0, 1.818
 1009, 1, 0, 0, 0.165
 1010, 1, 0, 0, 0.165
 1011, 1, 0, 0, 0.165
 1012, 1, 0, 0, 0.165
 1013, 1, 0, 0, -1.047
 1014, 1, 0, 0, -1.047
 1015, 1, 0, 0, -1.047
 1016, 1, 0, 0, -1.047
 1017, 1, 0, 0, -2.259
 1018, 1, 0, 0, -2.259
 1019, 1, 0, 0, -2.259
 1020, 1, 0, 0, -2.259
 1021, 1, 0, 0, -3.235
 1022, 1, 0, 0, -3.235
 1023, 1, 0, 0, -3.235
 1024, 1, 0, 0, -3.235
 *CONSTRAINT ; Supports
 ; NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP
 1009 1010 1012, 101000,
 1011, 111000,
 1001 1002 1004to1006 1008 1014to1016 1018to1020 1022to1024,
 001000,
 1003 1007 1013 1017 1021, 011000,
 *ELASTICLINK
 1, 1, 1001, RIGID, 0, NO, 0.5, 0.5,
 2, 61, 1003, RIGID, 0, NO, 0.5, 0.5,
 3, 14, 1005, RIGID, 0, NO, 0.5, 0.5,
 4, 74, 1007, RIGID, 0, NO, 0.5, 0.5,
 5, 29, 1009, RIGID, 0, NO, 0.5, 0.5,
 6, 89, 1011, RIGID, 0, NO, 0.5, 0.5,
 7, 40, 1015, RIGID, 0, NO, 0.5, 0.5,
 8, 100, 1013, RIGID, 0, NO, 0.5, 0.5,
 9, 51, 1019, RIGID, 0, NO, 0.5, 0.5,
 10, 1017, 111, RIGID, 0, NO, 0.5, 0.5,
 11, 60, 1023, RIGID, 0, NO, 0.5, 0.5,
 12, 120, 1021, RIGID, 0, NO, 0.5, 0.5,
 13, 1, 209, RIGID, 0, NO, 0.5, 0.5,
 14, 2, 210, RIGID, 0, NO, 0.5, 0.5,
 15, 3, 211, RIGID, 0, NO, 0.5, 0.5,
 16, 4, 212, RIGID, 0, NO, 0.5, 0.5,
 17, 5, 213, RIGID, 0, NO, 0.5, 0.5,
 18, 6, 214, RIGID, 0, NO, 0.5, 0.5,
 19, 7, 215, RIGID, 0, NO, 0.5, 0.5,
 20, 8, 216, RIGID, 0, NO, 0.5, 0.5,
 21, 9, 217, RIGID, 0, NO, 0.5, 0.5,
 22, 10, 218, RIGID, 0, NO, 0.5, 0.5,
 23, 11, 219, RIGID, 0, NO, 0.5, 0.5,
 24, 12, 220, RIGID, 0, NO, 0.5, 0.5,
 25, 13, 221, RIGID, 0, NO, 0.5, 0.5,
 26, 14, 222, RIGID, 0, NO, 0.5, 0.5,
 27, 15, 223, RIGID, 0, NO, 0.5, 0.5,
 28, 16, 224, RIGID, 0, NO, 0.5, 0.5,
 29, 17, 225, RIGID, 0, NO, 0.5, 0.5,
 30, 18, 226, RIGID, 0, NO, 0.5, 0.5,
 31, 19, 227, RIGID, 0, NO, 0.5, 0.5,
 32, 20, 228, RIGID, 0, NO, 0.5, 0.5,
 33, 21, 229, RIGID, 0, NO, 0.5, 0.5,
 34, 22, 230, RIGID, 0, NO, 0.5, 0.5,
 35, 23, 231, RIGID, 0, NO, 0.5, 0.5,
 36, 24, 232, RIGID, 0, NO, 0.5, 0.5,


```

-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
110, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
111, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
112, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
113, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
114, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
115, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
116, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
117, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
118, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
119, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
30.024, 1, 30.024, 0, 0, 0, 0, , NO, 0, 0, NO
120, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
121, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
30.024, 1, 30.024, 0, 0, 0, 0, , NO, 0, 0, NO
122, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
123, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
30.024, 1, 30.024, 0, 0, 0, 0, , NO, 0, 0, NO
124, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
125, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
30.024, 1, 30.024, 0, 0, 0, 0, , NO, 0, 0, NO
126, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
127, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
30.024, 1, 30.024, 0, 0, 0, 0, , NO, 0, 0, NO
128, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
129, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
30.024, 1, 30.024, 0, 0, 0, 0, , NO, 0, 0, NO
130, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
131, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
30.024, 1, 30.024, 0, 0, 0, 0, , NO, 0, 0, NO
132, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
133, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
30.024, 1, 30.024, 0, 0, 0, 0, , NO, 0, 0, NO
134, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0,
-39.022, 1, -39.022, 0, 0, 0, 0, , NO, 0, 0, NO
: End of data for load case [합성전-바닥판-비틀림]

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-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
114, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
115, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
116, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
117, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
118, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
119, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
120, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
121, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
122, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
123, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
124, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
125, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
126, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
127, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
128, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
129, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
130, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
131, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
132, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
133, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
134, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0,
-3.036, 1, -3.036, 0, 0, 0, 0, , NO, 0, 0, NO
; End of data for load case [합성후-부속설비하중]

```

*USE-STLD, 영향계수

*CONLOAD ; Nodal Loads

; NODE_LIST, FX, FY, FZ, MX, MY, MZ, GROUP

```

1, 0, 0, 0, 0, 1, 0,
60, 0, 0, 0, 0, -1, 0,
61, 0, 0, 0, 0, 1, 0,
120, 0, 0, 0, 0, -1, 0,

```

; End of data for load case [영향계수]

*MVLDCODE ; Moving Load Code

; CODE=CODE

CODE=KOREA

*LINELANE ; Traffic Line Lanes

NAME=L-1차선, LANE, , 0, 0, BOTH, 3, 1.8

```

1, -0.525, 0.142857, YES, 2, -0.525, 0.142857, NO
3, -0.525, 0.142857, NO, 4, -0.525, 0.142857, NO
5, -0.525, 0.142857, NO, 6, -0.525, 0.142857, NO
7, -0.525, 0.142857, NO, 8, -0.525, 0.142857, NO
9, -0.525, 0.142857, NO, 10, -0.525, 0.142857, NO
11, -0.525, 0.142857, NO, 12, -0.525, 0.142857, NO
13, -0.525, 0.142857, NO, 119, -0.525, 0.142857, NO
14, -0.525, 0.130435, NO, 121, -0.525, 0.130435, NO
15, -0.525, 0.130435, NO, 16, -0.525, 0.130435, NO
17, -0.525, 0.130435, NO, 18, -0.525, 0.130435, NO
19, -0.525, 0.130435, NO, 20, -0.525, 0.130435, NO
21, -0.525, 0.130435, NO, 22, -0.525, 0.130435, NO
23, -0.525, 0.130435, NO, 24, -0.525, 0.130435, NO
25, -0.525, 0.130435, NO, 26, -0.525, 0.130435, NO
27, -0.525, 0.130435, NO, 28, -0.525, 0.130435, NO
123, -0.525, 0.130435, NO, 29, -0.525, 0.157895, NO
125, -0.525, 0.157895, NO, 30, -0.525, 0.157895, NO

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31, -0.525, 0.157895, NO, 32, -0.525, 0.157895, NO
33, -0.525, 0.157895, NO, 34, -0.525, 0.157895, NO
35, -0.525, 0.157895, NO, 36, -0.525, 0.157895, NO
37, -0.525, 0.157895, NO, 38, -0.525, 0.157895, NO
39, -0.525, 0.157895, NO, 127, -0.525, 0.157895, NO
40, -0.525, 0.157895, NO, 129, -0.525, 0.157895, NO
41, -0.525, 0.157895, NO, 42, -0.525, 0.157895, NO
43, -0.525, 0.157895, NO, 44, -0.525, 0.157895, NO
45, -0.525, 0.157895, NO, 46, -0.525, 0.157895, NO
47, -0.525, 0.157895, NO, 48, -0.525, 0.157895, NO
49, -0.525, 0.157895, NO, 50, -0.525, 0.157895, NO
131, -0.525, 0.157895, NO, 51, -0.525, 0.176471, NO
133, -0.525, 0.176471, NO, 52, -0.525, 0.176471, NO
53, -0.525, 0.176471, NO, 54, -0.525, 0.176471, NO
55, -0.525, 0.176471, NO, 56, -0.525, 0.176471, NO
57, -0.525, 0.176471, NO, 58, -0.525, 0.176471, NO
59, -0.525, 0.176471, NO

```

NAME=L-2차선, LANE, , 0, 0, BOTH, 3, 1.8

```

1, 3.075, 0.142857, YES, 2, 3.075, 0.142857, NO
3, 3.075, 0.142857, NO, 4, 3.075, 0.142857, NO
5, 3.075, 0.142857, NO, 6, 3.075, 0.142857, NO
7, 3.075, 0.142857, NO, 8, 3.075, 0.142857, NO
9, 3.075, 0.142857, NO, 10, 3.075, 0.142857, NO
11, 3.075, 0.142857, NO, 12, 3.075, 0.142857, NO
13, 3.075, 0.142857, NO, 119, 3.075, 0.142857, NO
14, 3.075, 0.130435, NO, 121, 3.075, 0.130435, NO
15, 3.075, 0.130435, NO, 16, 3.075, 0.130435, NO
17, 3.075, 0.130435, NO, 18, 3.075, 0.130435, NO
19, 3.075, 0.130435, NO, 20, 3.075, 0.130435, NO
21, 3.075, 0.130435, NO, 22, 3.075, 0.130435, NO
23, 3.075, 0.130435, NO, 24, 3.075, 0.130435, NO
25, 3.075, 0.130435, NO, 26, 3.075, 0.130435, NO
27, 3.075, 0.130435, NO, 28, 3.075, 0.130435, NO
123, 3.075, 0.130435, NO, 29, 3.075, 0.157895, NO
125, 3.075, 0.157895, NO, 30, 3.075, 0.157895, NO
31, 3.075, 0.157895, NO, 32, 3.075, 0.157895, NO
33, 3.075, 0.157895, NO, 34, 3.075, 0.157895, NO
35, 3.075, 0.157895, NO, 36, 3.075, 0.157895, NO
37, 3.075, 0.157895, NO, 38, 3.075, 0.157895, NO
39, 3.075, 0.157895, NO, 127, 3.075, 0.157895, NO
40, 3.075, 0.157895, NO, 129, 3.075, 0.157895, NO
41, 3.075, 0.157895, NO, 42, 3.075, 0.157895, NO
43, 3.075, 0.157895, NO, 44, 3.075, 0.157895, NO
45, 3.075, 0.157895, NO, 46, 3.075, 0.157895, NO
47, 3.075, 0.157895, NO, 48, 3.075, 0.157895, NO
49, 3.075, 0.157895, NO, 50, 3.075, 0.157895, NO
131, 3.075, 0.157895, NO, 51, 3.075, 0.176471, NO
133, 3.075, 0.176471, NO, 52, 3.075, 0.176471, NO
53, 3.075, 0.176471, NO, 54, 3.075, 0.176471, NO
55, 3.075, 0.176471, NO, 56, 3.075, 0.176471, NO
57, 3.075, 0.176471, NO, 58, 3.075, 0.176471, NO
59, 3.075, 0.176471, NO

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NAME=L-3차선, LANE, , 0, 0, BOTH, 3, 1.8

```

1, 6.675, 0.142857, YES, 2, 6.675, 0.142857, NO
3, 6.675, 0.142857, NO, 4, 6.675, 0.142857, NO
5, 6.675, 0.142857, NO, 6, 6.675, 0.142857, NO
7, 6.675, 0.142857, NO, 8, 6.675, 0.142857, NO
9, 6.675, 0.142857, NO, 10, 6.675, 0.142857, NO
11, 6.675, 0.142857, NO, 12, 6.675, 0.142857, NO
13, 6.675, 0.142857, NO, 119, 6.675, 0.142857, NO
14, 6.675, 0.130435, NO, 121, 6.675, 0.130435, NO
15, 6.675, 0.130435, NO, 16, 6.675, 0.130435, NO
17, 6.675, 0.130435, NO, 18, 6.675, 0.130435, NO
19, 6.675, 0.130435, NO, 20, 6.675, 0.130435, NO
21, 6.675, 0.130435, NO, 22, 6.675, 0.130435, NO
23, 6.675, 0.130435, NO, 24, 6.675, 0.130435, NO
25, 6.675, 0.130435, NO, 26, 6.675, 0.130435, NO
27, 6.675, 0.130435, NO, 28, 6.675, 0.130435, NO
123, 6.675, 0.130435, NO, 29, 6.675, 0.157895, NO
125, 6.675, 0.157895, NO, 30, 6.675, 0.157895, NO
31, 6.675, 0.157895, NO, 32, 6.675, 0.157895, NO
33, 6.675, 0.157895, NO, 34, 6.675, 0.157895, NO
35, 6.675, 0.157895, NO, 36, 6.675, 0.157895, NO
37, 6.675, 0.157895, NO, 38, 6.675, 0.157895, NO
39, 6.675, 0.157895, NO, 127, 6.675, 0.157895, NO
40, 6.675, 0.157895, NO, 129, 6.675, 0.157895, NO

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41, 6.675, 0.157895, NO, 42, 6.675, 0.157895, NO
 43, 6.675, 0.157895, NO, 44, 6.675, 0.157895, NO
 45, 6.675, 0.157895, NO, 46, 6.675, 0.157895, NO
 47, 6.675, 0.157895, NO, 48, 6.675, 0.157895, NO
 49, 6.675, 0.157895, NO, 50, 6.675, 0.157895, NO
 131, 6.675, 0.157895, NO, 51, 6.675, 0.176471, NO
 133, 6.675, 0.176471, NO, 52, 6.675, 0.176471, NO
 53, 6.675, 0.176471, NO, 54, 6.675, 0.176471, NO
 55, 6.675, 0.176471, NO, 56, 6.675, 0.176471, NO
 57, 6.675, 0.176471, NO, 58, 6.675, 0.176471, NO
 59, 6.675, 0.176471, NO
 NAME=R-1차선, LANE, , 0, 0, BOTH, 3, 1.8
 60, 0.52, 0.142857, YES, 61, 0.52, 0.142857, NO
 62, 0.52, 0.142857, NO, 63, 0.52, 0.142857, NO
 64, 0.52, 0.142857, NO, 65, 0.52, 0.142857, NO
 66, 0.52, 0.142857, NO, 67, 0.52, 0.142857, NO
 68, 0.52, 0.142857, NO, 69, 0.52, 0.142857, NO
 70, 0.52, 0.142857, NO, 71, 0.52, 0.142857, NO
 72, 0.52, 0.142857, NO, 120, 0.52, 0.142857, NO
 73, 0.52, 0.130435, NO, 122, 0.52, 0.130435, NO
 74, 0.52, 0.130435, NO, 75, 0.52, 0.130435, NO
 76, 0.52, 0.130435, NO, 77, 0.52, 0.130435, NO
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 NAME=R-2차선, LANE, , 0, 0, BOTH, 3, 1.8
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 118, -6.68, 0.176471, NO
 *LSUPPORT ; Lane Supports - Negative Moments at Interior Piers
 0, 14 29 40 51 73 88 99 110 119to131by4 120to132by4, BOTH
 *VEHICLE ; Vehicles
 NAME=MV-L1, NO, 1, 1, 0.9, 0.75, 0.75, 0.75,
 INDEPENDENT, 좌측 편재하 - 1차선
 1, 1, 1, 1, 1, 0.5, 0.25
 VL, DB-24, 1, 1, 1, L-1차선
 VL, DL-24, 1, 1, 1, L-1차선
 NAME=MV-L2, NO, 1, 1, 0.9, 0.75, 0.75, 0.75,
 INDEPENDENT, 좌측 편재하 - 2차선
 1, 1, 1, 1, 1, 0.5, 0.25
 VL, DB-24, 1, 1, 2, L-1차선, L-2차선
 VL, DL-24, 1, 1, 2, L-1차선, L-2차선
 NAME=MV-L3, NO, 1, 1, 0.9, 0.75, 0.75, 0.75,
 INDEPENDENT, 좌측 편재하 - 3차선
 1, 1, 1, 1, 1, 0.5, 0.25
 VL, DB-24, 0.9, 1, 3, L-1차선, L-2차선, L-3차선
 VL, DL-24, 0.9, 1, 3, L-1차선, L-2차선, L-3차선
 NAME=MV-R1, NO, 1, 1, 0.9, 0.75, 0.75, 0.75,
 INDEPENDENT, 우측 편재하 - 1차선
 1, 1, 1, 1, 1, 0.5, 0.25
 VL, DB-24, 1, 1, 1, R-1차선
 VL, DL-24, 1, 1, 1, R-1차선
 NAME=MV-R2, NO, 1, 1, 0.9, 0.75, 0.75, 0.75,
 INDEPENDENT, 우측 편재하 - 2차선
 1, 1, 1, 1, 1, 0.5, 0.25
 VL, DB-24, 1, 1, 2, R-1차선, R-2차선
 VL, DL-24, 1, 1, 2, R-1차선, R-2차선
 NAME=MV-R3, NO, 1, 1, 0.9, 0.75, 0.75, 0.75,
 INDEPENDENT, 우측 편재하 - 3차선
 1, 1, 1, 1, 1, 0.5, 0.25
 VL, DB-24, 0.9, 1, 3, R-1차선, R-2차선, R-3차선
 VL, DL-24, 0.9, 1, 3, R-1차선, R-2차선, R-3차선
 *LOADCOMB ; Combinations
 NAME=LCB-BC, GEN, ACTIVE, 0, 0, 합성전 고정하중, 0, 0

ST, 합성전-강제자중, 1, ST, 합성전-바닥판-수직하, 1	SECT=9, YES
ST, 합성전-바닥판-비틀림, 1, ST, 합성전-가로보 현치하,	0, 0, 0, 0
1	SECT=10, YES
NAME=LCB-AC, GEN, ACTIVE, 0, 0, 합성후 고정하중, 0, 0	0, 0, 0, 0
ST, 합성후-포장 방호책, 1, ST, 합성후-부속설비하중, 1	SECT=11, YES
NAME=LCB-DEAD, GEN, ACTIVE, 0, 0, 고정하중, 0, 0	0, 0, 0, 0
CB, LCB-BC, 1, CB, LCB-AC, 1	SECT=12, YES
NAME=LCB-LIVE, GEN, ACTIVE, 0, 1, , 0, 0	0, 0, 0, 0
MV, MV-L1, 1, MV, MV-L2, 1, MV, MV-L3, 1, MV,	SECT=13, YES
MV-R1, 1, MV, MV-R2, 1	0, 0, 0, 0
MV, MV-R3, 1	SECT=14, YES
NAME=ENV, GEN, ACTIVE, 0, 0, , 0, 0	0, 0, 0, 0
CB, LCB-DEAD, 1, CB, LCB-LIVE, 1	SECT=15, YES
NAME=LIVE-L, GEN, ACTIVE, 0, 1, , 0, 0	0, 0, 0, 0
MV, MV-L1, 1, MV, MV-L2, 1	SECT=16, YES
NAME=LIVE-R, GEN, ACTIVE, 0, 1, , 0, 0	0, 0, 0, 0
MV, MV-R1, 1, MV, MV-R2, 1	SECT=17, YES
NAME=LIVE-F, GEN, ACTIVE, 0, 1, , 0, 0	0, 0, 0, 0
MV, MV-L3, 1, MV, MV-R3, 1	SECT=18, YES
*LC-COLOR ; Diagram Color for Load Case	0, 0, 0, 0
ST, 합성전-강제자중, 255, 192, 87, 0, 128, 255, 255, 87, 128	SECT=19, YES
ST, 합성전-바닥판-수직하, 192, 192, 192, 255, 255, 87, 0, 128,	0, 0, 0, 0
57	SECT=20, YES
ST, 합성전-바닥판-비틀림, 0, 128, 192, 148, 87, 255, 255, 87,	0, 0, 0, 0
128	SECT=21, YES
ST, 합성전-가로보 현치하, 255, 192, 87, 163, 160, 255, 78, 0,	0, 0, 0, 0
255	SECT=22, YES
ST, 합성후-포장 방호책, 255, 0, 128, 255, 87, 128, 255, 0, 128	0, 0, 0, 0
ST, 합성후-부속설비하중, 0, 128, 128, 85, 192, 0, 210, 210, 210	SECT=23, YES
MV, MV-L1, 210, 210, 210, 0, 128, 255, 212, 160, 255	0, 0, 0, 0
CB, LCB-DEAD, 0, 192, 128, 192, 192, 0, 255, 192, 87	SECT=24, YES
CB, LCB-LIVE, 0, 128, 57, 160, 255, 255, 85, 0, 192	0, 0, 0, 0
CB, ENV, 192, 192, 192, 0, 128, 255, 93, 255, 87	SECT=25, YES
CB, LCB-BC, 93, 255, 87, 163, 160, 255, 255, 0, 192	0, 0, 0, 0
CB, LCB-AC, 192, 72, 0, 255, 160, 255, 93, 255, 87	SECT=26, YES
ST, 영향계수, 0, 128, 192, 212, 160, 255, 192, 128, 0	0, 0, 0, 0
MV, MV-L2, 160, 192, 255, 160, 255, 255, 93, 255, 87	SECT=27, YES
MV, MV-L3, 0, 128, 128, 0, 157, 192, 0, 128, 255	0, 0, 0, 0
MV, MV-R1, 255, 160, 255, 163, 255, 160, 255, 87, 87	SECT=28, YES
MV, MV-R2, 255, 0, 192, 0, 192, 192, 0, 128, 192	0, 0, 0, 0
MV, MV-R3, 255, 192, 87, 128, 192, 0, 78, 0, 255	SECT=29, YES
CB, LIVE-L, 255, 0, 128, 85, 0, 192, 255, 160, 255	0, 0, 0, 0
CB, LIVE-R, 255, 192, 87, 148, 87, 255, 192, 192, 0	SECT=30, YES
CB, LIVE-F, 163, 160, 255, 0, 128, 255, 255, 0, 192	0, 0, 0, 0
*EIGEN-CTRL ; Eigenvalue Analysis Control	SECT=31, YES
RITZ, NO, 1	0, 0, 0, 0
CASE, 합성전-강제자중, 1, CASE, 합성전-바닥판-수직하, 1	SECT=32, YES
CASE, 합성전-바닥판-비틀림, 1, CASE, 합성전-가로보 현치	0, 0, 0, 0
하, 1	SECT=33, YES
CASE, 합성후-포장 방호책, 1, CASE, 합성후-부속설비하중, 1	0, 0, 0, 0
*MOVE-CTRL ; Moving Load Analysis Control	SECT=34, YES
EXACT, ALL, 0, 3, 1, 0, NODAL, NO, NORMAL, NO,	0, 0, 0, 0
YES, NO, , YES, NO, , YES, NO,	SECT=35, YES
*DGN-MATL ; Modify Steel(Concrete) Material	0, 0, 0, 0
1, STEEL, SM490 , 1, KS10-Civil(S),	SECT=36, YES
,SM490	0, 0, 0, 0
2, STEEL, SM400 , 1, KS10-Civil(S),	SECT=37, YES
,SM400	0, 0, 0, 0
3, CONC , C27 , 1, KS01-Civil(RC),	SECT=38, YES
,C27 , NO, 1, , , 0, 0, 18900, NO, 0, 0	0, 0, 0, 0
*SECTION MANAGER-GROUP & PART ; Section Manager	SECT=39, YES
- Group & Part	0, 0, 0, 0
SECT=1, YES	SECT=40, YES
0, 0, 0, 0	0, 0, 0, 0
SECT=3, YES	SECT=41, YES
0, 0, 0, 0	0, 0, 0, 0
SECT=4, YES	SECT=42, YES
0, 0, 0, 0	0, 0, 0, 0
SECT=5, YES	SECT=43, YES
0, 0, 0, 0	0, 0, 0, 0
SECT=6, YES	SECT=44, YES
0, 0, 0, 0	0, 0, 0, 0
SECT=7, YES	SECT=45, YES
0, 0, 0, 0	0, 0, 0, 0
SECT=8, YES	SECT=46, YES
0, 0, 0, 0	0, 0, 0, 0

SECT=47, YES		SECT=46, YES
0, 0, 0, 0		0, 0
*SECTION MANAGER-STIFFENER	: Section Manager -	SECT=47, YES
Stiffener		0, 0
SECT=1, YES		*ENDDATA
0, 0		
SECT=3, YES		
0, 0		
SECT=4, YES		
0, 0		
SECT=5, YES		
0, 0		
SECT=6, YES		
0, 0		
SECT=7, YES		
0, 0		
SECT=8, YES		
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SECT=9, YES		
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SECT=10, YES		
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SECT=11, YES		
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SECT=12, YES		
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SECT=13, YES		
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SECT=14, YES		
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SECT=15, YES		
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SECT=16, YES		
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SECT=17, YES		
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SECT=18, YES		
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SECT=19, YES		
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SECT=26, YES		
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SECT=27, YES		
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SECT=28, YES		
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SECT=29, YES		
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SECT=30, YES		
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SECT=32, YES		
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SECT=36, YES		
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SECT=37, YES		
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SECT=38, YES		
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SECT=39, YES		
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SECT=40, YES		
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SECT=41, YES		
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SECT=42, YES		
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SECT=43, YES		
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SECT=44, YES		
0, 0		
SECT=45, YES		
0, 0		