

MIDAS

PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역				
	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	논산원로

: MIDAS/Civil Text(MCT) File.
: Date : 2013/6/18

*VERSION
8.1.5

*UNIT : Unit System
: FORCE, LENGTH, HEAT, TEMPER
KN , M, KCAL, C

*PROJECT : Project Information
USER=신연홍
ADDRESS=동우기술단

*REBAR-MATL-CODE : Rebar Material Code
: CONC_CODE, CONC_MDB, SRC_CODE, SRC_MDB
KS01-Civil(RC), SD240, KS01-Civil(RC), SD240

*NODE : Nodes
: INO, X, Y, Z
1, 0.2, 0, 0
2, 0.7, 0, 0
3, 1.7, 0, 0
4, 7.2, 0, 0
5, 12.7, 0, 0
6, 25, 0, 0
7, 25.4, 0, 0
8, 36.2, 0, 0
9, 37.7, 0, 0
10, 39.2, 0, 0
11, 43.95, 0, 0
12, 49.45, 0, 0
13, 50.2, 0, 0
14, 50.95, 0, 0
15, 56.45, 0, 0
16, 61.2, 0, 0
17, 62.7, 0, 0
18, 64.2, 0, 0
19, 75, 0, 0
20, 75.4, 0, 0
21, 86.2, 0, 0
22, 87.7, 0, 0
23, 89.2, 0, 0
24, 93.95, 0, 0
25, 99.45, 0, 0
26, 100.2, 0, 0
27, 100.95, 0, 0
28, 106.45, 0, 0
29, 111.2, 0, 0
30, 112.7, 0, 0
31, 114.2, 0, 0
32, 125, 0, 0
33, 125.4, 0, 0
34, 136.2, 0, 0

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35, 137.7, 0, 0
36, 139.2, 0, 0
37, 143.95, 0, 0
38, 149.45, 0, 0
39, 150.2, 0, 0
40, 150.95, 0, 0
41, 156.45, 0, 0
42, 161.2, 0, 0
43, 162.7, 0, 0
44, 164.2, 0, 0
45, 175, 0, 0
46, 175.4, 0, 0
47, 186.2, 0, 0
48, 187.7, 0, 0
49, 189.2, 0, 0
50, 193.95, 0, 0
51, 199.45, 0, 0
52, 200.2, 0, 0
53, 200.95, 0, 0
54, 206.45, 0, 0
55, 211.2, 0, 0
56, 212.7, 0, 0
57, 214.2, 0, 0
58, 225, 0, 0
59, 225.4, 0, 0
60, 236.2, 0, 0
61, 237.7, 0, 0
62, 239.2, 0, 0
63, 243.95, 0, 0
64, 249.45, 0, 0
65, 250.2, 0, 0
66, 250.95, 0, 0
67, 256.45, 0, 0
68, 261.2, 0, 0
69, 262.7, 0, 0
70, 264.2, 0, 0
71, 275, 0, 0
72, 275.4, 0, 0
73, 286.2, 0, 0
74, 287.7, 0, 0
75, 289.2, 0, 0
76, 293.95, 0, 0
77, 299.45, 0, 0
78, 300.2, 0, 0
79, 300.95, 0, 0
80, 306.45, 0, 0
81, 311.2, 0, 0
82, 312.7, 0, 0
83, 314.2, 0, 0
84, 325, 0, 0
85, 325.4, 0, 0
86, 336.2, 0, 0
87, 337.7, 0, 0
88, 339.2, 0, 0
89, 343.95, 0, 0
90, 349.45, 0, 0

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91, 350.2, 0, 0
92, 350.95, 0, 0
93, 356.45, 0, 0
94, 361.2, 0, 0
95, 362.7, 0, 0
96, 364.2, 0, 0
97, 375, 0, 0
98, 375.4, 0, 0
99, 386.2, 0, 0
100, 387.7, 0, 0
101, 389.2, 0, 0
102, 393.95, 0, 0
103, 399.45, 0, 0
104, 400.2, 0, 0
105, 400.95, 0, 0
106, 406.45, 0, 0
107, 411.2, 0, 0
108, 412.7, 0, 0
109, 414.2, 0, 0
110, 425, 0, 0
111, 425.4, 0, 0
112, 436.2, 0, 0
113, 437.7, 0, 0
114, 439.2, 0, 0
115, 443.95, 0, 0
116, 449.45, 0, 0
117, 450.2, 0, 0
118, 450.95, 0, 0
119, 456.45, 0, 0
120, 461.2, 0, 0
121, 462.7, 0, 0
122, 464.2, 0, 0
123, 475, 0, 0
124, 475.4, 0, 0
125, 486.2, 0, 0
126, 487.7, 0, 0
127, 489.2, 0, 0
128, 493.95, 0, 0
129, 499.45, 0, 0
130, 500.2, 0, 0
131, 500.95, 0, 0
132, 506.45, 0, 0
133, 511.2, 0, 0
134, 512.7, 0, 0
135, 514.2, 0, 0
136, 525, 0, 0
137, 525.4, 0, 0
138, 537.7, 0, 0
139, 544.2, 0, 0
140, 547.2, 0, 0
141, 548.2, 0, 0
142, 549.2, 0, 0
143, 550.2, 0, 0

*ELEMENT : Elements
: IEL, TYPE, IMAT, IPRO, IN1, IN2, ANGLE, ISUB, EXVAL, IOPT(EXVAL2) : Frame Element

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: IEL, TYPE, IMAT, IPRO, IN1, IN2, ANGLE, ISUB, EXVAL, EXVAL2, bLMT : Comp/Tens Truss
: IEL, TYPE, IMAT, IPRO, IN1, IN2, IN3, IN4, ISUB, IWID : 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, 4, 1, 2, 0
2, BEAM , 1, 4, 2, 3, 0
3, BEAM , 1, 6, 3, 4, 0
4, BEAM , 1, 1, 4, 5, 0
5, BEAM , 1, 1, 5, 6, 0
6, BEAM , 1, 1, 6, 7, 0
7, BEAM , 1, 1, 7, 8, 0
8, BEAM , 1, 1, 8, 9, 0
9, BEAM , 1, 1, 9, 10, 0
10, BEAM , 1, 1, 10, 11, 0
11, BEAM , 1, 5, 11, 12, 0
12, BEAM , 1, 4, 12, 13, 0
13, BEAM , 1, 4, 13, 14, 0
14, BEAM , 1, 6, 14, 15, 0
15, BEAM , 1, 1, 15, 16, 0
16, BEAM , 1, 1, 16, 17, 0
17, BEAM , 1, 1, 17, 18, 0
18, BEAM , 1, 1, 18, 19, 0
19, BEAM , 1, 1, 19, 20, 0
20, BEAM , 1, 1, 20, 21, 0
21, BEAM , 1, 1, 21, 22, 0
22, BEAM , 1, 1, 22, 23, 0
23, BEAM , 1, 1, 23, 24, 0
24, BEAM , 1, 5, 24, 25, 0
25, BEAM , 1, 4, 25, 26, 0
26, BEAM , 1, 4, 26, 27, 0
27, BEAM , 1, 6, 27, 28, 0
28, BEAM , 1, 1, 28, 29, 0
29, BEAM , 1, 1, 29, 30, 0
30, BEAM , 1, 1, 30, 31, 0
31, BEAM , 1, 1, 31, 32, 0
32, BEAM , 1, 1, 32, 33, 0
33, BEAM , 1, 1, 33, 34, 0
34, BEAM , 1, 1, 34, 35, 0
35, BEAM , 1, 1, 35, 36, 0
36, BEAM , 1, 1, 36, 37, 0
37, BEAM , 1, 5, 37, 38, 0
38, BEAM , 1, 4, 38, 39, 0
39, BEAM , 1, 4, 39, 40, 0
40, BEAM , 1, 6, 40, 41, 0
41, BEAM , 1, 1, 41, 42, 0
42, BEAM , 1, 1, 42, 43, 0
43, BEAM , 1, 1, 43, 44, 0
44, BEAM , 1, 1, 44, 45, 0
45, BEAM , 1, 1, 45, 46, 0
46, BEAM , 1, 1, 46, 47, 0
47, BEAM , 1, 1, 47, 48, 0
48, BEAM , 1, 1, 48, 49, 0
49, BEAM , 1, 1, 49, 50, 0
50, BEAM , 1, 5, 50, 51, 0
51, BEAM , 1, 4, 51, 52, 0
52, BEAM , 1, 4, 52, 53, 0

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53, BEAM	, 1,	6,	53,	54,	0
54, BEAM	, 1,	1,	54,	55,	0
55, BEAM	, 1,	1,	55,	56,	0
56, BEAM	, 1,	1,	56,	57,	0
57, BEAM	, 1,	1,	57,	58,	0
58, BEAM	, 1,	1,	58,	59,	0
59, BEAM	, 1,	1,	59,	60,	0
60, BEAM	, 1,	1,	60,	61,	0
61, BEAM	, 1,	1,	61,	62,	0
62, BEAM	, 1,	1,	62,	63,	0
63, BEAM	, 1,	5,	63,	64,	0
64, BEAM	, 1,	4,	64,	65,	0
65, BEAM	, 1,	4,	65,	66,	0
66, BEAM	, 1,	6,	66,	67,	0
67, BEAM	, 1,	1,	67,	68,	0
68, BEAM	, 1,	1,	68,	69,	0
69, BEAM	, 1,	1,	69,	70,	0
70, BEAM	, 1,	1,	70,	71,	0
71, BEAM	, 1,	1,	71,	72,	0
72, BEAM	, 1,	1,	72,	73,	0
73, BEAM	, 1,	1,	73,	74,	0
74, BEAM	, 1,	1,	74,	75,	0
75, BEAM	, 1,	1,	75,	76,	0
76, BEAM	, 1,	5,	76,	77,	0
77, BEAM	, 1,	4,	77,	78,	0
78, BEAM	, 1,	4,	78,	79,	0
79, BEAM	, 1,	6,	79,	80,	0
80, BEAM	, 1,	1,	80,	81,	0
81, BEAM	, 1,	1,	81,	82,	0
82, BEAM	, 1,	1,	82,	83,	0
83, BEAM	, 1,	1,	83,	84,	0
84, BEAM	, 1,	1,	84,	85,	0
85, BEAM	, 1,	1,	85,	86,	0
86, BEAM	, 1,	1,	86,	87,	0
87, BEAM	, 1,	1,	87,	88,	0
88, BEAM	, 1,	1,	88,	89,	0
89, BEAM	, 1,	5,	89,	90,	0
90, BEAM	, 1,	4,	90,	91,	0
91, BEAM	, 1,	4,	91,	92,	0
92, BEAM	, 1,	6,	92,	93,	0
93, BEAM	, 1,	1,	93,	94,	0
94, BEAM	, 1,	1,	94,	95,	0
95, BEAM	, 1,	1,	95,	96,	0
96, BEAM	, 1,	1,	96,	97,	0
97, BEAM	, 1,	1,	97,	98,	0
98, BEAM	, 1,	1,	98,	99,	0
99, BEAM	, 1,	1,	99,	100,	0
100, BEAM	, 1,	1,	100,	101,	0
101, BEAM	, 1,	1,	101,	102,	0
102, BEAM	, 1,	5,	102,	103,	0
103, BEAM	, 1,	4,	103,	104,	0
104, BEAM	, 1,	4,	104,	105,	0
105, BEAM	, 1,	6,	105,	106,	0
106, BEAM	, 1,	1,	106,	107,	0
107, BEAM	, 1,	1,	107,	108,	0
108, BEAM	, 1,	1,	108,	109,	0

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109, BEAM	, 1,	109,	110,	0	
110, BEAM	, 1,	1,	110,	111,	0
111, BEAM	, 1,	1,	111,	112,	0
112, BEAM	, 1,	1,	112,	113,	0
113, BEAM	, 1,	1,	113,	114,	0
114, BEAM	, 1,	1,	114,	115,	0
115, BEAM	, 1,	5,	115,	116,	0
116, BEAM	, 1,	4,	116,	117,	0
117, BEAM	, 1,	4,	117,	118,	0
118, BEAM	, 1,	6,	118,	119,	0
119, BEAM	, 1,	1,	119,	120,	0
120, BEAM	, 1,	1,	120,	121,	0
121, BEAM	, 1,	1,	121,	122,	0
122, BEAM	, 1,	1,	122,	123,	0
123, BEAM	, 1,	1,	123,	124,	0
124, BEAM	, 1,	1,	124,	125,	0
125, BEAM	, 1,	1,	125,	126,	0
126, BEAM	, 1,	1,	126,	127,	0
127, BEAM	, 1,	1,	127,	128,	0
128, BEAM	, 1,	5,	128,	129,	0
129, BEAM	, 1,	4,	129,	130,	0
130, BEAM	, 1,	4,	130,	131,	0
131, BEAM	, 1,	6,	131,	132,	0
132, BEAM	, 1,	1,	132,	133,	0
133, BEAM	, 1,	1,	133,	134,	0
134, BEAM	, 1,	1,	134,	135,	0
135, BEAM	, 1,	1,	135,	136,	0
136, BEAM	, 1,	1,	136,	137,	0
137, BEAM	, 1,	1,	137,	138,	0
138, BEAM	, 1,	1,	138,	139,	0
139, BEAM	, 1,	5,	139,	140,	0
140, BEAM	, 1,	4,	140,	141,	0
141, BEAM	, 1,	4,	141,	142,	0
142, BEAM	, 1,	4,	142,	143,	0

*GROUP : Group
: NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE
SEG001 , 138to141 143, 138to142, 0
SEG002 , 134to138, 134to137, 0
SEG003 , 126to134, 126to133, 0
SEG004 , 121to126, 121to125, 0
SEG005 , 113to121, 113to120, 0
SEG006 , 108to113, 108to112, 0
SEG007 , 100to108, 100to107, 0
SEG008 , 95to100, 95to99, 0
SEG009 , 87to95, 87to94, 0
SEG010 , 82to87, 82to86, 0
SEG011 , 74to82, 74to81, 0
SEG012 , 69to74, 69to73, 0
SEG013 , 61to69, 61to68, 0
SEG014 , 56to61, 56to60, 0
SEG015 , 48to56, 48to55, 0
SEG016 , 43to48, 43to47, 0
SEG017 , 35to43, 35to42, 0
SEG018 , 30to35, 30to34, 0
SEG019 , 22to30, 22to29, 0

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SEG20	, 17to22, 17to21, 0
SEG21	, 9to17, 9to16, 0
SEG22	, 5to9, 5to8, 0
SEG23	, 1 3to5, 1to4, 0
A1	, 2, 0
P01	, 13, 0
P02	, 26, 0
P03	, 39, 0
P04	, 52, 0
P05	, 65, 0
P06	, 78, 0
P07	, 91, 0
P08	, 104, 0
P09	, 117, 0
P10	, 130, 0
A2	, 142, 0
S01	, 1 3to13, 1to12, 0
S02	, 13to26, 13to25, 0
S03	, 26to39, 26to38, 0
S04	, 39to52, 39to51, 0
S05	, 52to65, 52to64, 0
S06	, 65to78, 65to77, 0
S07	, 78to91, 78to90, 0
S08	, 91to104, 91to103, 0
S09	, 104to117, 104to116, 0
S10	, 117to130, 117to129, 0
S11	, 130to141 143, 130to142, 0
Girder	, 1to143, 1to142, 0

*BND-GRP : Boundary Group
: NAME
[S]MOVE
[F]FIX
[E]L

*LOAD-GRP : Load Group
: NAME
SELFWEIGHT
Pavement
Global Temp(+)
Global Temp(-)
Temp Grad(+)
Temp Grad(-)
Guardrail
PS(1st)
PS(2nd)

*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
: [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, CONC, C40 , 0, 0, , C, NO, 0.05, 2, 3.0891e+007, 0.18, 1.0000e-005, 25, 0

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2, STEEL, TENDON	, 0, 0, , C, NO, 0.02, 2, 2.0000e+008, 0.3, 1.2000e-005, 78.5,	0
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*MATL-COLOR
: IMAT, WL_R, WL_G, WL_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

*TDM-TYPE : Time Dependent Material
: NAME=NAME, CODE, STR, HU, VOL, AGE, CFACTA, CFACTB, TYPE, [AC11 or AC12] : CODE=AC1
: NAME=NAME, CODE, STR, HU, MSIZE, CTYPER, AGE : CODE=CEB1990_KS,CEB1978,K
SCE 2010,KCI-USD12
: NAME=NAME, CODE, N1, PH11, N2, PH12 : CODE=MEM
: NAME=NAME, CODE, STR, HU, USS, UCS, VOL, RR, MOD : CODE=PCA
: NAME=NAME, CODE, STR, HU, VOL, UCS, VSR1, LAF, US, VSR, PST, bRCR, RR, MOD : CODE=COMBINED
: NAME=NAME, CODE, STR, HTYPE, HU, MSIZE, CTYPER, AGE, CM : CODE=JAPAN
: NAME=NAME, CODE, ELAST, HU, VOL, CC, WC, AGE : CODE=USCE
: NAME=NAME, CODE, STR, HTYPE, HU, MSIZE, AGE : CODE=CHINA
: NAME=NAME, CODE, STR, HU, MSIZE, BSC, AGE : CODE=JTG
: NAME=NAME, CODE, STR, HU, VSR, AGE, bEXPOSE : CODE=AASHTO
: NAME=NAME, CODE, STR, HU, MSIZE, AGE : CODE=INDIA(IRC:18-2000)
: NAME=NAME, CODE, STR, HU, MSIZE, CTYPER, AGE, TCode, bSILICA : CODE=European
: NAME=NAME, CODE, bSSF, SSFNAME : CODE=USER(line1)
: CREEPFUNC1, AGE1, CREEPFUNC2, AGE2, ... : USER(from line 2)
: [AC11] : CURE, SLUMP, FAP, AIR, CC
: [AC12] : UOC, USS
NAME=C40, CEB, 40000, 70, 1, NR, 3

*TDM-ELAST : Time Dependent Material(Comp. Strength)
: NAME=NAME, TYPE, CODE, STRENGTH, A, B : TYPE=CODE(Korean Standard, AC1)
: NAME=NAME, TYPE, CODE, STRENGTH, ICTYPE : TYPE=CODE(CEB-FIP, Ohzagil)
: NAME=NAME, TYPE, CODE, STRENGTH : TYPE=CODE(Chinese Standard)
: NAME=NAME, TYPE, CODE, STRENGTH, bUSE, [DATA] : TYPE=CODE(Japan(Hydration))
: NAME=NAME, TYPE, CODE, STRENGTH, iTYPE : TYPE=CODE(Japan(Elastic))
: NAME=NAME, TYPE, CODE, STRENGTH : TYPE=CODE(INDIA(IRC:18-2000))
: NAME=NAME, TYPE, CODE, STRENGTH, ICTYPE : TYPE=CODE(European)
: NAME=NAME, TYPE, CODE, STRENGTH : TYPE=CODE(CEB-FIP(1978))
: NAME=NAME, TYPE, SCALE : TYPE=CODE(line 1)
: DAY1, COMP1, TENS1, ELAST1, DAY2, COMP2, ... : USER(from line 2)
: [DATA] : A, B, D, TSF or ICTYPE, TSF
NAME=C40, CODE, CEB-FIP, 48000, 2

*TDM-LINK : Time Dependent Material Link
: IMAT, TDM-TYPE1(CREEP/SHRINKAGE), TDM-TYPE2(ELASTICITY)
1, C40, C40

*ELEM-DEPMATL : Change Element Dependent Material Property
: ELEM_LIST, TYPE, H(VS)
133 134 140, NSM, 0.444374
8to125by13 9to126by13 16to120by13 17to121by13, NSM, 0.541461
4 5to20by5 7to70by21 18to57by13 23 33to137by13 36to114by26 , NSM, 0.426441
41to132by13 75 83to135by13 101 127 138, NSM, 0.426441
1 2 8to130by13 12to142by13 13to130by13 141, NSM, 1.05843
3 11to128by13 14to131by13 139, NSM, 0.435408

*SECTION : Section

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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역				
MIDAS	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원로
:	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, lxx, lyy, lzz			: 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			: 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			: 2nd line - TAPERED
:	ISEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iyVAR, izVAR, STYPE			: 2nd line(STYPE=DB)
:	DB, NAME1, NAME2			: 2nd line(STYPE=USER)
:	[D1M1], [D1M2]			: 2nd line(STYPE=VALUE)
:	D11, D12, D13, D14, D15, D16, D17, D18			: 3rd line(STYPE=VALUE)
:	AREA1, ASy1, ASz1, lxx1, lyy1, lzz1			: 4th line(STYPE=VALUE)
:	CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1			: 5th line(STYPE=VALUE)
:	Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2			: 6th line(STYPE=VALUE)
:	D21, D22, D23, D24, D25, D26, D27, D28			: 7th line(STYPE=VALUE)
:	AREA2, ASy2, ASz2, lxx2, lyy2, lzz2			: 8th line(STYPE=VALUE)
:	CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2			: 9th line(STYPE=VALUE)
:	Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2			: 2nd line(STYPE=PSC)
:	OPT1, OPT2, [JOINT]			: 2nd line(STYPE=PSC-CMP)
:	ELAST, DEN, POIS, POIC			
:	)			
:	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-CMP)
:	)			
:	bUSERDEFMESHSIZE, MESHSIZE, 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=OMP-B/I)
:	)			
:	SWLi, HwLi, twLi, BLi, Bf1Li, tf1Li, B2Li, Bf2Li, tf2Li			: 3rd line(STYPE=OMP-B/I)
:	)			
:	SWLj, HwLj, twLj, BLj, Bf1Lj, tf1Lj, B2Lj, Bf2Lj, tf2Lj			: 4th line(STYPE=OMP-B/I)
:	)			
:	N1, N2, Hr, Hr2, tr1, tr2			: 5th line(STYPE=OMP-B)
:	GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SWLi, SWLj			: 2nd line(STYPE=OMP-C/I/O)
T)	)			
:	OPT1, OPT2, [JOINT]			: 3rd line(STYPE=OMP-C/I/O)
T)	)			
:	[SIZE-A]-i			: 4th line(STYPE=OMP-C/I/O)
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:	[SIZE-B]-i			: 5th line(STYPE=OMP-C/I/O)
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:	[SIZE-C]-i			: 6th line(STYPE=OMP-C/I/O)
T)	)			
:	[SIZE-D]-i			: 7th line(STYPE=OMP-C/I/O)
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:	[SIZE-A]-j			: 8th line(STYPE=OMP-C/I/O)
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PROJECT TITLE : 논산철안 1중시설물 정밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name
			논산철로
:	GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j		: 2nd line(STYPE=OMP-CI/C)
:	OPT1, OPT2, [JOINT]		: 3rd line(STYPE=OMP-CI/C)
:	[SIZE-A]-i		: 4th line(STYPE=OMP-CI/C)
:	[SIZE-B]-i		: 5th line(STYPE=OMP-CI/C)
:	[SIZE-C]-i		: 6th line(STYPE=OMP-CI/C)
:	[SIZE-D]-i		: 7th line(STYPE=OMP-CI/C)
:	[SIZE-A]-j		: 8th line(STYPE=OMP-CI/C)
:	[SIZE-B]-j		: 9th line(STYPE=OMP-CI/C)
:	[SIZE-C]-j		: 10th line(STYPE=OMP-CI/C)
CT)	[SIZE-D]-j		: 11th line(STYPE=OMP-CI/C)
CT)			
:	ISEC, TYPE, SNAME, [OFFSET], bSD, TYPE1, STYPE2		: 1st line - CONSTRUCT
:	SHAPE, ... (same with other type data from shape)		: Before (SHAPE)
:	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
:	bSEARCHK, [SCH1], [WT], WIDTH, bSYM, bSIDEHOLE		: 3rd line
:	bUSERDEFMESHIZE, MESHIZE, 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		
:	[OFFSET] : OFFSET, ICENT, IREF, IHORZ, HUSER, IVERT, VUSER		
:	[OFFSET2] : OFFSET, ICENT, IREF, IHORZ, HUSER, IVERT, VUSER1, VUSERJ		
:	[JOINT] : 8(ICELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSQH), 9(PSCT), 2(PSCB), 0(nCELL), 2(nCEL2)		
:	[SIZE-A] : 6(ICELL, 2CELL), 10(3CELL), 10(PSCM), 8(PSQH), 8(PSCT), 10(PSCB), 5(nCELL), 11(nCEL2)		

[illegible][illegible]

PROJECT TITLE : 노산현안 :중시설를 정밀안전진단 용역			
	Company	(주)동우기술한	Client
	Author	부설연구소	노산현로
BOTTOM, AUTO1, ., NO,			
ELEMENT, END-1, 1, I-J			
0, YES, -1.725, -2.85			
437.5, 0, 0, NO, 0, 0, 0			
487.5, 0, 0, NO, 0, 0, 0			
NAME=B13-11, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
BOTTOM, AUTO1, ., NO,			
ELEMENT, END-1, 1, I-J			
0, YES, -1.725, -2.85			
487.5, 0, 0, NO, 0, 0, 0			
537.5, 0, 0, NO, 0, 0, 0			
NAME=B13-12, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
BOTTOM, AUTO1, ., NO,			
ELEMENT, END-1, 1, I-J			
0, YES, -1.725, -2.85			
537.5, 0, 0, NO, 0, 0, 0			
550, 0, 0, NO, 0, 0, 0			
NAME=B13-2, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
BOTTOM, AUTO1, ., NO,			
ELEMENT, END-1, 1, I-J			
0, YES, -1.725, -2.85			
37.5, 0, 0, NO, 0, 0, 0			
87.5, 0, 0, NO, 0, 0, 0			
NAME=B13-3, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
BOTTOM, AUTO1, ., NO,			
ELEMENT, END-1, 1, I-J			
0, YES, -1.725, -2.85			
87.5, 0, 0, NO, 0, 0, 0			
137.5, 0, 0, NO, 0, 0, 0			
NAME=B13-4, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
BOTTOM, AUTO1, ., NO,			
ELEMENT, END-1, 1, I-J			
0, YES, -1.725, -2.85			
137.5, 0, 0, NO, 0, 0, 0			
187.5, 0, 0, NO, 0, 0, 0			
NAME=B13-5, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
BOTTOM, AUTO1, ., NO,			
ELEMENT, END-1, 1, I-J			
0, YES, -1.725, -2.85			
187.5, 0, 0, NO, 0, 0, 0			
237.5, 0, 0, NO, 0, 0, 0			
NAME=B13-6, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
BOTTOM, AUTO1, ., NO,			
ELEMENT, END-1, 1, I-J			
0, YES, -1.725, -2.85			
237.5, 0, 0, NO, 0, 0, 0			
287.5, 0, 0, NO, 0, 0, 0			
NAME=B13-7, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
BOTTOM, AUTO1, ., NO,			
ELEMENT, END-1, 1, I-J			
0, YES, -1.725, -2.85			
287.5, 0, 0, NO, 0, 0, 0			
337.5, 0, 0, NO, 0, 0, 0			
NAME=B13-8, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
BOTTOM, AUTO1, ., NO,			
ELEMENT, END-1, 1, I-J			

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PROJECT TITLE : 논산천안 1종시설물 경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천교

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PROJECT TITLE : 논산천안 1종시설물 경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name
			논산천교

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PROJECT TITLE : 논산천안 1종시설물 경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설현구조	File Name
			논산천교

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PROJECT TITLE : 논산천안 1종시설물 정밀안전진단 용역				
	Company	(주) 동우기술단	Client	
	Author	부설연구소	File Name	논산천교

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PROJECT TITLE : 논산천안 1종시설풍경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천안1

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PROJECT TITLE : 논산천안 1광시시설물 경밀안전진단 용역				
	Company	(주) 동우기술	Client	
	Author	부설연구소	File Name	논산천교

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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역				
	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원로
550, 0, 0, NO, 0, 0, 0 NAME=B26-2, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.265, -2.85 37.5, 0, 0, NO, 0, 0, 0 87.5, 0, 0, NO, 0, 0, 0 NAME=B26-3, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.265, -2.85 87.5, 0, 0, NO, 0, 0, 0 137.5, 0, 0, NO, 0, 0, 0 NAME=B26-4, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.265, -2.85 137.5, 0, 0, NO, 0, 0, 0 187.5, 0, 0, NO, 0, 0, 0 NAME=B26-5, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.265, -2.85 187.5, 0, 0, NO, 0, 0, 0 237.5, 0, 0, NO, 0, 0, 0 NAME=B26-6, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.265, -2.85 237.5, 0, 0, NO, 0, 0, 0 287.5, 0, 0, NO, 0, 0, 0 NAME=B26-7, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.265, -2.85 287.5, 0, 0, NO, 0, 0, 0 337.5, 0, 0, NO, 0, 0, 0 NAME=B26-8, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.265, -2.85 337.5, 0, 0, NO, 0, 0, 0 387.5, 0, 0, NO, 0, 0, 0 NAME=B26-9, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.265, -2.85 387.5, 0, 0, NO, 0, 0, 0 437.5, 0, 0, NO, 0, 0, 0 NAME=B27-1, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.495, -2.85 0, 0, 0, NO, 0, 0, 0 12.5, 0, 0, NO, 0, 0, 0 NAME=B27-10, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D				
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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역				
	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원로
BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.495, -2.85 412.5, 0, 0, NO, 0, 0, 0 462.5, 0, 0, NO, 0, 0, 0 NAME=B27-11, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.495, -2.85 462.5, 0, 0, NO, 0, 0, 0 512.5, 0, 0, NO, 0, 0, 0 NAME=B27-12, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.495, -2.85 512.5, 0, 0, NO, 0, 0, 0 550, 0, 0, NO, 0, 0, 0 NAME=B27-2, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.495, -2.85 12.5, 0, 0, NO, 0, 0, 0 62.5, 0, 0, NO, 0, 0, 0 NAME=B27-3, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.495, -2.85 62.5, 0, 0, NO, 0, 0, 0 112.5, 0, 0, NO, 0, 0, 0 NAME=B27-4, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.495, -2.85 112.5, 0, 0, NO, 0, 0, 0 162.5, 0, 0, NO, 0, 0, 0 NAME=B27-5, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.495, -2.85 162.5, 0, 0, NO, 0, 0, 0 212.5, 0, 0, NO, 0, 0, 0 NAME=B27-6, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.495, -2.85 212.5, 0, 0, NO, 0, 0, 0 262.5, 0, 0, NO, 0, 0, 0 NAME=B27-7, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.495, -2.85 262.5, 0, 0, NO, 0, 0, 0 312.5, 0, 0, NO, 0, 0, 0 NAME=B27-8, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J				
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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역				
	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원로
0, YES, 1.495, -2.85 312.5, 0, 0, NO, 0, 0, 0 362.5, 0, 0, NO, 0, 0, 0 NAME=B27-9, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.495, -2.85 362.5, 0, 0, NO, 0, 0, 0 412.5, 0, 0, NO, 0, 0, 0 NAME=B28-1, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 0, 0, 0, NO, 0, 0, 0 37.5, 0, 0, NO, 0, 0, 0 NAME=B28-10, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 437.5, 0, 0, NO, 0, 0, 0 487.5, 0, 0, NO, 0, 0, 0 NAME=B28-11, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 487.5, 0, 0, NO, 0, 0, 0 537.5, 0, 0, NO, 0, 0, 0 NAME=B28-12, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 537.5, 0, 0, NO, 0, 0, 0 550, 0, 0, NO, 0, 0, 0 NAME=B28-2, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 37.5, 0, 0, NO, 0, 0, 0 87.5, 0, 0, NO, 0, 0, 0 NAME=B28-3, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 87.5, 0, 0, NO, 0, 0, 0 137.5, 0, 0, NO, 0, 0, 0 NAME=B28-4, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 137.5, 0, 0, NO, 0, 0, 0 187.5, 0, 0, NO, 0, 0, 0 NAME=B28-5, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 187.5, 0, 0, NO, 0, 0, 0				
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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역				
	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원로
237.5, 0, 0, NO, 0, 0, 0 NAME=B28-6, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 237.5, 0, 0, NO, 0, 0, 0 287.5, 0, 0, NO, 0, 0, 0 NAME=B28-7, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 287.5, 0, 0, NO, 0, 0, 0 337.5, 0, 0, NO, 0, 0, 0 NAME=B28-8, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 337.5, 0, 0, NO, 0, 0, 0 387.5, 0, 0, NO, 0, 0, 0 NAME=B28-9, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D BOTTOM, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, 1.725, -2.85 387.5, 0, 0, NO, 0, 0, 0 437.5, 0, 0, NO, 0, 0, 0 NAME=T01L-1, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, -0.6225, -0.14 0, 0, 0, NO, 0, 0, 0 12.5, 0, 0, NO, 0, 0, 0 NAME=T01L-10, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, -0.6225, -0.14 412.5, 0, 0, NO, 0, 0, 0 462.5, 0, 0, NO, 0, 0, 0 NAME=T01L-11, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, -0.6225, -0.14 462.5, 0, 0, NO, 0, 0, 0 512.5, 0, 0, NO, 0, 0, 0 NAME=T01L-12, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, -0.6225, -0.14 512.5, 0, 0, NO, 0, 0, 0 550, 0, 0, NO, 0, 0, 0 NAME=T01L-2, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUTO1, ., NO, ELEMENT, END-I, 1, I-J 0, YES, -0.6225, -0.14 12.5, 0, 0, NO, 0, 0, 0 62.5, 0, 0, NO, 0, 0, 0 NAME=T01L-3, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D				
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PROJECT TITLE :		중산원란1중시설을 정밀안전진단 용역	
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name
TOP, AUT01, . , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.6225, -0.14			
62.5, 0, 0, NO, 0, 0, 0			
112.5, 0, 0, NO, 0, 0, 0			
NAME=T01L-4, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.6225, -0.14			
112.5, 0, 0, NO, 0, 0, 0			
162.5, 0, 0, NO, 0, 0, 0			
NAME=T01L-5, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.6225, -0.14			
162.5, 0, 0, NO, 0, 0, 0			
212.5, 0, 0, NO, 0, 0, 0			
NAME=T01L-6, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.6225, -0.14			
212.5, 0, 0, NO, 0, 0, 0			
262.5, 0, 0, NO, 0, 0, 0			
NAME=T01L-7, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.6225, -0.14			
262.5, 0, 0, NO, 0, 0, 0			
312.5, 0, 0, NO, 0, 0, 0			
NAME=T01L-8, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.6225, -0.14			
312.5, 0, 0, NO, 0, 0, 0			
362.5, 0, 0, NO, 0, 0, 0			
NAME=T01L-9, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.6225, -0.14			
362.5, 0, 0, NO, 0, 0, 0			
412.5, 0, 0, NO, 0, 0, 0			
NAME=T01R-1, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, 0.6225, -0.14			
0, 0, 0, NO, 0, 0, 0			
12.5, 0, 0, NO, 0, 0, 0			
NAME=T01R-10, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, 0.6225, -0.14			
412.5, 0, 0, NO, 0, 0, 0			
462.5, 0, 0, NO, 0, 0, 0			
NAME=T01R-11, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . , NO,			
ELEMENT, END-I, 1, I-J			

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PROJECT TITLE : 논산천안 I종시설물 정밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	논산천로
0, YES, 0.6225, -0.14 462.5, 0, 0, NO, 0, 0, 0 512.5, 0, 0, NO, 0, 0, 0 NAME=T01R-12, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0.6225, -0.14 512.5, 0, 0, NO, 0, 0, 0 550, 0, 0, NO, 0, 0, 0 NAME=T01R-2, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0.6225, -0.14 12.5, 0, 0, NO, 0, 0, 0 62.5, 0, 0, NO, 0, 0, 0 NAME=T01R-3, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0.6225, -0.14 62.5, 0, 0, NO, 0, 0, 0 112.5, 0, 0, NO, 0, 0, 0 NAME=T01R-4, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0.6225, -0.14 112.5, 0, 0, NO, 0, 0, 0 162.5, 0, 0, NO, 0, 0, 0 NAME=T01R-5, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0.6225, -0.14 162.5, 0, 0, NO, 0, 0, 0 212.5, 0, 0, NO, 0, 0, 0 NAME=T01R-6, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0.6225, -0.14 212.5, 0, 0, NO, 0, 0, 0 262.5, 0, 0, NO, 0, 0, 0 NAME=T01R-7, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0.6225, -0.14 262.5, 0, 0, NO, 0, 0, 0 312.5, 0, 0, NO, 0, 0, 0 NAME=T01R-8, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0.6225, -0.14 312.5, 0, 0, NO, 0, 0, 0 362.5, 0, 0, NO, 0, 0, 0 NAME=T01R-9, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0.6225, -0.14 362.5, 0, 0, NO, 0, 0, 0			
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PROJECT TITLE : 논산천안2중시설물 정밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name
			논산원로
412.5, 0, 0, NO, 0, 0, 0			
NAME=T02L-1, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.8725, -0.14			
0, 0, 0, NO, 0, 0, 0			
37.5, 0, 0, NO, 0, 0, 0			
NAME=T02L-10, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.8725, -0.14			
437.5, 0, 0, NO, 0, 0, 0			
487.5, 0, 0, NO, 0, 0, 0			
NAME=T02L-11, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.8725, -0.14			
487.5, 0, 0, NO, 0, 0, 0			
537.5, 0, 0, NO, 0, 0, 0			
NAME=T02L-12, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.8725, -0.14			
537.5, 0, 0, NO, 0, 0, 0			
550, 0, 0, NO, 0, 0, 0			
NAME=T02L-2, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.8725, -0.14			
37.5, 0, 0, NO, 0, 0, 0			
87.5, 0, 0, NO, 0, 0, 0			
NAME=T02L-3, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.8725, -0.14			
87.5, 0, 0, NO, 0, 0, 0			
137.5, 0, 0, NO, 0, 0, 0			
NAME=T02L-4, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.8725, -0.14			
137.5, 0, 0, NO, 0, 0, 0			
187.5, 0, 0, NO, 0, 0, 0			
NAME=T02L-5, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.8725, -0.14			
187.5, 0, 0, NO, 0, 0, 0			
237.5, 0, 0, NO, 0, 0, 0			
NAME=T02L-6, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0, YES, -0.8725, -0.14			
237.5, 0, 0, NO, 0, 0, 0			
287.5, 0, 0, NO, 0, 0, 0			
NAME=T02L-7, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			

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PROJECT TITLE :		본산천안 1종서설물 경밀안전진단 용역	
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name
			본산천로
TOP, AUT01, . . NO.			
ELEMENT, END-1, 1, I-J			
0, YES, -0.8725, -0.14			
287.5, 0, 0, NO, 0, 0, 0			
337.5, 0, 0, NO, 0, 0, 0			
NAME=TO2L-8, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . . NO.			
ELEMENT, END-1, 1, I-J			
0, YES, -0.8725, -0.14			
337.5, 0, 0, NO, 0, 0, 0			
387.5, 0, 0, NO, 0, 0, 0			
NAME=TO2L-9, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . . NO.			
ELEMENT, END-1, 1, I-J			
0, YES, -0.8725, -0.14			
387.5, 0, 0, NO, 0, 0, 0			
437.5, 0, 0, NO, 0, 0, 0			
NAME=TO2R-1, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . . NO.			
ELEMENT, END-1, 1, I-J			
0, YES, 0.8725, -0.14			
0, 0, 0, NO, 0, 0, 0			
37.5, 0, 0, NO, 0, 0, 0			
NAME=TO2R-10, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . . NO.			
ELEMENT, END-1, 1, I-J			
0, YES, 0.8725, -0.14			
437.5, 0, 0, NO, 0, 0, 0			
487.5, 0, 0, NO, 0, 0, 0			
NAME=TO2R-11, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . . NO.			
ELEMENT, END-1, 1, I-J			
0, YES, 0.8725, -0.14			
487.5, 0, 0, NO, 0, 0, 0			
537.5, 0, 0, NO, 0, 0, 0			
NAME=TO2R-12, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . . NO.			
ELEMENT, END-1, 1, I-J			
0, YES, 0.8725, -0.14			
537.5, 0, 0, NO, 0, 0, 0			
550, 0, 0, NO, 0, 0, 0			
NAME=TO2R-2, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . . NO.			
ELEMENT, END-1, 1, I-J			
0, YES, 0.8725, -0.14			
37.5, 0, 0, NO, 0, 0, 0			
87.5, 0, 0, NO, 0, 0, 0			
NAME=TO2R-3, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . . NO.			
ELEMENT, END-1, 1, I-J			
0, YES, 0.8725, -0.14			
87.5, 0, 0, NO, 0, 0, 0			
137.5, 0, 0, NO, 0, 0, 0			
NAME=TO2R-4, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUT01, . . NO.			
ELEMENT, END-1, 1, I-J			

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PROJECT TITLE :		중산철안1:중시של 정밀안전진단 용역	
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name
0. YES, 0.8725, -0.14			
137.5, 0, 0, NO, 0, 0, 0			
187.5, 0, 0, NO, 0, 0, 0			
NAME=TO2R-5, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0. YES, 0.8725, -0.14			
187.5, 0, 0, NO, 0, 0, 0			
237.5, 0, 0, NO, 0, 0, 0			
NAME=TO2R-6, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0. YES, 0.8725, -0.14			
237.5, 0, 0, NO, 0, 0, 0			
287.5, 0, 0, NO, 0, 0, 0			
NAME=TO2R-7, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0. YES, 0.8725, -0.14			
287.5, 0, 0, NO, 0, 0, 0			
337.5, 0, 0, NO, 0, 0, 0			
NAME=TO2R-8, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0. YES, 0.8725, -0.14			
337.5, 0, 0, NO, 0, 0, 0			
387.5, 0, 0, NO, 0, 0, 0			
NAME=TO2R-9, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0. YES, 0.8725, -0.14			
387.5, 0, 0, NO, 0, 0, 0			
437.5, 0, 0, NO, 0, 0, 0			
NAME=TO3L-1, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0. YES, -1.1225, -0.14			
0, 0, 0, NO, 0, 0, 0			
12.5, 0, 0, NO, 0, 0, 0			
NAME=TO3L-10, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0. YES, -1.1225, -0.14			
412.5, 0, 0, NO, 0, 0, 0			
462.5, 0, 0, NO, 0, 0, 0			
NAME=TO3L-11, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0. YES, -1.1225, -0.14			
462.5, 0, 0, NO, 0, 0, 0			
512.5, 0, 0, NO, 0, 0, 0			
NAME=TO3L-12, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D			
TOP, AUTO1, , , NO,			
ELEMENT, END-I, 1, I-J			
0. YES, -1.1225, -0.14			
512.5, 0, 0, NO, 0, 0, 0			

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PROJECT TITLE :논산천안·중식설를 정밀안전진단 용역

MIDAS	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	논산천로

550, 0, 0, NO, 0, 0, 0

NAME=TO3L-2, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D

TOP, AUTO1, . . NO,

ELEMENT, END-I, 1, I-J

0, YES, -1.1225, -0.14

12.5, 0, 0, NO, 0, 0, 0

62.5, 0, 0, NO, 0, 0, 0

NAME=TO3L-3, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D

TOP, AUTO1, . . NO,

ELEMENT, END-I, 1, I-J

0, YES, -1.1225, -0.14

62.5, 0, 0, NO, 0, 0, 0

112.5, 0, 0, NO, 0, 0, 0

NAME=TO3L-4, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D

TOP, AUTO1, . . NO,

ELEMENT, END-I, 1, I-J

0, YES, -1.1225, -0.14

112.5, 0, 0, NO, 0, 0, 0

162.5, 0, 0, NO, 0, 0, 0

NAME=TO3L-5, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D

TOP, AUTO1, . . NO,

ELEMENT, END-I, 1, I-J

0, YES, -1.1225, -0.14

162.5, 0, 0, NO, 0, 0, 0

212.5, 0, 0, NO, 0, 0, 0

NAME=TO3L-6, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D

TOP, AUTO1, . . NO,

ELEMENT, END-I, 1, I-J

0, YES, -1.1225, -0.14

212.5, 0, 0, NO, 0, 0, 0

262.5, 0, 0, NO, 0, 0, 0

NAME=TO3L-7, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D

TOP, AUTO1, . . NO,

ELEMENT, END-I, 1, I-J

0, YES, -1.1225, -0.14

262.5, 0, 0, NO, 0, 0, 0

312.5, 0, 0, NO, 0, 0, 0

NAME=TO3L-8, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D

TOP, AUTO1, . . NO,

ELEMENT, END-I, 1, I-J

0, YES, -1.1225, -0.14

312.5, 0, 0, NO, 0, 0, 0

362.5, 0, 0, NO, 0, 0, 0

NAME=TO3L-9, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D

TOP, AUTO1, . . NO,

ELEMENT, END-I, 1, I-J

0, YES, -1.1225, -0.14

362.5, 0, 0, NO, 0, 0, 0

412.5, 0, 0, NO, 0, 0, 0

NAME=TO3R-1, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D

TOP, AUTO1, . . NO,

ELEMENT, END-I, 1, I-J

0, YES, 1.1225, -0.14

0, 0, 0, NO, 0, 0, 0

12.5, 0, 0, NO, 0, 0, 0

NAME=TO3R-10, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D

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PROJECT TITLE : 논산천안 1중시설물 정밀안전진단 용역			
	Company	(주)풍우기술단	Client
	Author	부설연구소	논산천로
TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 1.1225, -0.14 412.5, 0, 0, NO, 0, 0, 0 462.5, 0, 0, NO, 0, 0, 0 NAME=TO3R-11, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 1.1225, -0.14 462.5, 0, 0, NO, 0, 0, 0 512.5, 0, 0, NO, 0, 0, 0 NAME=TO3R-12, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 1.1225, -0.14 512.5, 0, 0, NO, 0, 0, 0 550, 0, 0, NO, 0, 0, 0 NAME=TO3R-2, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 1.1225, -0.14 12.5, 0, 0, NO, 0, 0, 0 62.5, 0, 0, NO, 0, 0, 0 NAME=TO3R-3, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 1.1225, -0.14 62.5, 0, 0, NO, 0, 0, 0 112.5, 0, 0, NO, 0, 0, 0 NAME=TO3R-4, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 1.1225, -0.14 112.5, 0, 0, NO, 0, 0, 0 162.5, 0, 0, NO, 0, 0, 0 NAME=TO3R-5, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 1.1225, -0.14 162.5, 0, 0, NO, 0, 0, 0 212.5, 0, 0, NO, 0, 0, 0 NAME=TO3R-6, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 1.1225, -0.14 212.5, 0, 0, NO, 0, 0, 0 262.5, 0, 0, NO, 0, 0, 0 NAME=TO3R-7, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 1.1225, -0.14 262.5, 0, 0, NO, 0, 0, 0 312.5, 0, 0, NO, 0, 0, 0 NAME=TO3R-8, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D TOP, AUT01, . . , NO, ELEMENT, END-I, 1, I-J			

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PROJECT TITLE : **논산천안·종서철물 정밀안전진단 용역**

	Company	(주)동우기술단	Client	
	Author	부철연구조	File Name	논산천로

0, YES, 1, 1225, -0, 14
312.5, 0, 0, NO, 0, 0, 0
362.5, 0, 0, NO, 0, 0, 0
NAME=T03R-9, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D
TOP, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, 1, 1225, -0, 14
362.5, 0, 0, NO, 0, 0, 0
412.5, 0, 0, NO, 0, 0, 0
NAME=T04L-1, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D
TOP, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, -1, 3725, -0, 14
0, 0, 0, NO, 0, 0, 0
37.5, 0, 0, NO, 0, 0, 0
NAME=T04L-10, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D
TOP, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, -1, 3725, -0, 14
437.5, 0, 0, NO, 0, 0, 0
487.5, 0, 0, NO, 0, 0, 0
NAME=T04L-11, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D
TOP, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, -1, 3725, -0, 14
487.5, 0, 0, NO, 0, 0, 0
537.5, 0, 0, NO, 0, 0, 0
NAME=T04L-12, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D
TOP, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, -1, 3725, -0, 14
537.5, 0, 0, NO, 0, 0, 0
550, 0, 0, NO, 0, 0, 0
NAME=T04L-2, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D
TOP, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, -1, 3725, -0, 14
37.5, 0, 0, NO, 0, 0, 0
87.5, 0, 0, NO, 0, 0, 0
NAME=T04L-3, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D
TOP, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, -1, 3725, -0, 14
87.5, 0, 0, NO, 0, 0, 0
137.5, 0, 0, NO, 0, 0, 0
NAME=T04L-4, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D
TOP, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, -1, 3725, -0, 14
137.5, 0, 0, NO, 0, 0, 0
187.5, 0, 0, NO, 0, 0, 0
NAME=T04L-5, SWPC7B(Top/Bot), 1to142, 0, 0, SPLINE, 3D
TOP, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, -1, 3725, -0, 14
187.5, 0, 0, NO, 0, 0, 0

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PROJECT TITLE : 논산천안 1종시설물 경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설현구조	File Name
			논산천교

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PROJECT TITLE : 논산천안 1종시설물 정밀안전진단 용역				
	Company	(주) 동우기술단	Client	
	Author	부설연구소	File Name	논산천교

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PROJECT TITLE : 논산천안 :중식설문 경밀안전진단 용역				
	Company	(주) 동우기술	Client	
	Author	부설연구소	File Name	논산천교

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PROJECT TITLE : 논산천안 1종시설풍경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천교

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PROJECT TITLE : 논산천안 : 풍시설물 정밀안전진단 용역				
	Company	(주) 동우기술단	Client	
	Author	부설연구소	File Name	논산천교

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PROJECT TITLE : 논산천안 :중시철골 경밀안전전단 용역			
	Company	(주) 동우기술단	Client
	Author	부설연구소	File Name 논산천교

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PROJECT TITLE : 논산천안 1종시설풍경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천교

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PROJECT TITLE : 논산천안 1종시설풍경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천교

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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역

	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원로

0, YES, -4.1225, -0.14
487.5, 0, 0, NO, 0, 0, 0
537.5, 0, 0, NO, 0, 0, 0
NAME=T12L-12, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, -4.1225, -0.14
537.5, 0, 0, NO, 0, 0, 0
550, 0, 0, NO, 0, 0, 0
NAME=T12L-2, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, -4.1225, -0.14
37.5, 0, 0, NO, 0, 0, 0
87.5, 0, 0, NO, 0, 0, 0
NAME=T12L-3, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, -4.1225, -0.14
87.5, 0, 0, NO, 0, 0, 0
137.5, 0, 0, NO, 0, 0, 0
NAME=T12L-4, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, -4.1225, -0.14
137.5, 0, 0, NO, 0, 0, 0
167.5, 0, 0, NO, 0, 0, 0
NAME=T12L-5, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, -4.1225, -0.14
167.5, 0, 0, NO, 0, 0, 0
237.5, 0, 0, NO, 0, 0, 0
NAME=T12L-6, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, -4.1225, -0.14
237.5, 0, 0, NO, 0, 0, 0
267.5, 0, 0, NO, 0, 0, 0
NAME=T12L-7, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, -4.1225, -0.14
267.5, 0, 0, NO, 0, 0, 0
337.5, 0, 0, NO, 0, 0, 0
NAME=T12L-8, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, -4.1225, -0.14
337.5, 0, 0, NO, 0, 0, 0
367.5, 0, 0, NO, 0, 0, 0
NAME=T12L-9, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, -4.1225, -0.14
367.5, 0, 0, NO, 0, 0, 0

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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역

	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원로

437.5, 0, 0, NO, 0, 0, 0
NAME=T12R-1, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
0, 0, 0, NO, 0, 0, 0
37.5, 0, 0, NO, 0, 0, 0
NAME=T12R-10, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
437.5, 0, 0, NO, 0, 0, 0
487.5, 0, 0, NO, 0, 0, 0
NAME=T12R-11, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
487.5, 0, 0, NO, 0, 0, 0
537.5, 0, 0, NO, 0, 0, 0
NAME=T12R-12, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
537.5, 0, 0, NO, 0, 0, 0
550, 0, 0, NO, 0, 0, 0
NAME=T12R-2, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
37.5, 0, 0, NO, 0, 0, 0
87.5, 0, 0, NO, 0, 0, 0
NAME=T12R-3, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
87.5, 0, 0, NO, 0, 0, 0
137.5, 0, 0, NO, 0, 0, 0
NAME=T12R-4, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
137.5, 0, 0, NO, 0, 0, 0
167.5, 0, 0, NO, 0, 0, 0
NAME=T12R-5, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
167.5, 0, 0, NO, 0, 0, 0
237.5, 0, 0, NO, 0, 0, 0
NAME=T12R-6, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
237.5, 0, 0, NO, 0, 0, 0
267.5, 0, 0, NO, 0, 0, 0
NAME=T12R-7, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D

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	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원로

TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
267.5, 0, 0, NO, 0, 0, 0
337.5, 0, 0, NO, 0, 0, 0
NAME=T12R-8, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
337.5, 0, 0, NO, 0, 0, 0
367.5, 0, 0, NO, 0, 0, 0
NAME=T12R-9, SWPC7B(Top/Bot), 11to142, 0, 0, SPLINE, 3D
TOP, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 4.1225, -0.14
367.5, 0, 0, NO, 0, 0, 0
437.5, 0, 0, NO, 0, 0, 0
NAME=W1-10L, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
61, -2.46691, 1.49383, NO, 0, 0, 0
62.5, -2.39004, 1.24529, NO, 0, 0, 0
66.486, -2.18578, 0.584846, NO, 0, 0, 0
68.1206, -2.14418, 0.45034, NO, 0, 0, 0
80.5224, -2.14418, 0.45034, NO, 0, 0, 0
82.157, -2.18578, 0.584846, NO, 0, 0, 0
87.5, -2.45958, 1.47014, NO, 0, 0, 0
93.748, -2.77976, 2.50538, NO, 0, 0, 0
95.3826, -2.82136, 2.63988, NO, 0, 0, 0
106.125, -2.82136, 2.63988, NO, 0, 0, 0
107.76, -2.77976, 2.50538, NO, 0, 0, 0
112.5, -2.53686, 1.72, NO, 0, 0, 0
114, -2.45999, 1.47146, NO, 0, 0, 0
NAME=W1-10R, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
RF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
61, 2.59364, 1.90361, NO, 0, 0, 0
62.5, 2.51677, 1.65507, NO, 0, 0, 0
68.96, 2.18573, 0.584699, NO, 0, 0, 0
70.5946, 2.14413, 0.450194, NO, 0, 0, 0
80.1604, 2.14413, 0.450194, NO, 0, 0, 0
81.795, 2.18573, 0.584699, NO, 0, 0, 0
87.5, 2.47808, 1.52997, NO, 0, 0, 0
94.111, 2.81686, 2.62536, NO, 0, 0, 0
95.7456, 2.85846, 2.75987, NO, 0, 0, 0
105.763, 2.85846, 2.75987, NO, 0, 0, 0
107.398, 2.81686, 2.62536, NO, 0, 0, 0
112.5, 2.55541, 1.78, NO, 0, 0, 0
114, 2.47855, 1.53146, NO, 0, 0, 0
NAME=W1-11L, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
0.16, -2.63613, 2.041, NO, 0, 0, 0

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	Author	부설연구소	File Name	논산원로

7.48247, -2.19998, 0.630767, NO, 0, 0, 0
9.374, -2.14415, 0.450243, NO, 0, 0, 0
12.5, -2.14415, 0.450243, NO, 0, 0, 0
29.7874, -2.14415, 0.450243, NO, 0, 0, 0
31.402, -2.18575, 0.584748, NO, 0, 0, 0
37.5, -2.49824, 1.59514, NO, 0, 0, 0
42.994, -2.77978, 2.50545, NO, 0, 0, 0
44.6286, -2.82138, 2.63995, NO, 0, 0, 0
56.8794, -2.82138, 2.63995, NO, 0, 0, 0
58.514, -2.77978, 2.50545, NO, 0, 0, 0
62.5, -2.57552, 1.845, NO, 0, 0, 0
64, -2.49865, 1.59646, NO, 0, 0, 0
NAME=W1-11R, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
0.16, 2.65902, 2.115, NO, 0, 0, 0
7.86647, 2.19999, 0.630787, NO, 0, 0, 0
9.758, 2.14415, 0.450262, NO, 0, 0, 0
12.5, 2.14415, 0.450262, NO, 0, 0, 0
29.4054, 2.14415, 0.450262, NO, 0, 0, 0
31.04, 2.18575, 0.584768, NO, 0, 0, 0
37.5, 2.51679, 1.65514, NO, 0, 0, 0
43.356, 2.81688, 2.62543, NO, 0, 0, 0
44.9906, 2.85848, 2.75993, NO, 0, 0, 0
56.5174, 2.85848, 2.75993, NO, 0, 0, 0
58.152, 2.81688, 2.62543, NO, 0, 0, 0
62.5, 2.58407, 1.905, NO, 0, 0, 0
64, 2.5172, 1.65646, NO, 0, 0, 0
NAME=W1-1L, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
511, -2.57503, 1.84343, NO, 0, 0, 0
512.5, -2.49816, 1.59489, NO, 0, 0, 0
518.598, -2.18567, 0.584506, NO, 0, 0, 0
520.233, -2.14407, 0.45, NO, 0, 0, 0
537.5, -2.14407, 0.45, NO, 0, 0, 0
540.626, -2.14407, 0.45, NO, 0, 0, 0
542.518, -2.1999, 0.630525, NO, 0, 0, 0
549.84, -2.63615, 2.04106, NO, 0, 0, 0
NAME=W1-1R, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
RF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
511, 2.59358, 1.90341, NO, 0, 0, 0
512.5, 2.51671, 1.65487, NO, 0, 0, 0
518.96, 2.18567, 0.584506, NO, 0, 0, 0
520.595, 2.14407, 0.45, NO, 0, 0, 0
537.5, 2.14407, 0.45, NO, 0, 0, 0
540.242, 2.14407, 0.45, NO, 0, 0, 0
542.134, 2.1999, 0.630525, NO, 0, 0, 0
549.84, 2.65903, 2.11503, NO, 0, 0, 0
NAME=W1-2L, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J

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	Author	부설연구소	File Name	논산원로

0, YES, 0, -3
461, -2.57511, 1.84367, NO, 0, 0, 0
462.5, -2.49824, 1.59514, NO, 0, 0, 0
468.598, -2.18575, 0.584748, NO, 0, 0, 0
470.233, -2.14415, 0.450243, NO, 0, 0, 0
479.767, -2.14415, 0.450243, NO, 0, 0, 0
481.402, -2.18575, 0.584748, NO, 0, 0, 0
487.5, -2.49824, 1.59514, NO, 0, 0, 0
492.994, -2.77978, 2.50545, NO, 0, 0, 0
494.629, -2.82138, 2.63995, NO, 0, 0, 0
506.879, -2.82138, 2.63995, NO, 0, 0, 0
508.514, -2.77978, 2.50545, NO, 0, 0, 0
512.5, -2.57552, 1.845, NO, 0, 0, 0
NAME=W1-2R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
461, 2.59366, 1.90367, NO, 0, 0, 0
462.5, 2.51679, 1.65514, NO, 0, 0, 0
468.96, 2.18575, 0.584768, NO, 0, 0, 0
470.595, 2.14415, 0.450262, NO, 0, 0, 0
479.405, 2.14415, 0.450262, NO, 0, 0, 0
481.04, 2.18575, 0.584768, NO, 0, 0, 0
487.5, 2.51679, 1.65514, NO, 0, 0, 0
493.355, 2.81688, 2.62543, NO, 0, 0, 0
494.991, 2.85848, 2.75993, NO, 0, 0, 0
506.517, 2.85848, 2.75993, NO, 0, 0, 0
508.152, 2.81688, 2.62543, NO, 0, 0, 0
512.5, 2.59407, 1.905, NO, 0, 0, 0
NAME=W1-3L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
411, -2.53642, 1.71858, NO, 0, 0, 0
412.5, -2.45955, 1.47004, NO, 0, 0, 0
418.748, -2.13937, 0.434797, NO, 0, 0, 0
420.383, -2.09777, 0.300292, NO, 0, 0, 0
429.616, -2.09777, 0.300292, NO, 0, 0, 0
431.251, -2.13937, 0.434797, NO, 0, 0, 0
437.5, -2.4596, 1.47021, NO, 0, 0, 0
443.748, -2.77978, 2.50545, NO, 0, 0, 0
445.383, -2.82138, 2.63995, NO, 0, 0, 0
456.879, -2.82138, 2.63995, NO, 0, 0, 0
458.514, -2.77978, 2.50545, NO, 0, 0, 0
462.5, -2.57552, 1.845, NO, 0, 0, 0
464, -2.49865, 1.59646, NO, 0, 0, 0
NAME=W1-3R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
411, 2.55497, 1.77858, NO, 0, 0, 0
412.5, 2.47811, 1.53004, NO, 0, 0, 0
419.111, 2.13933, 0.434651, NO, 0, 0, 0
420.746, 2.09773, 0.300145, NO, 0, 0, 0
429.254, 2.09773, 0.300145, NO, 0, 0, 0
430.889, 2.13933, 0.434651, NO, 0, 0, 0

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	Author	부설연구소	File Name	논산원로

437.5, 2.47811, 1.53004, NO, 0, 0, 0
444.111, 2.81688, 2.62543, NO, 0, 0, 0
445.746, 2.85848, 2.75993, NO, 0, 0, 0
456.517, 2.85848, 2.75993, NO, 0, 0, 0
458.152, 2.81688, 2.62543, NO, 0, 0, 0
462.5, 2.59407, 1.905, NO, 0, 0, 0
464, 2.5172, 1.65646, NO, 0, 0, 0
NAME=W1-4L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
361, -2.53639, 1.71851, NO, 0, 0, 0
362.5, -2.45953, 1.46997, NO, 0, 0, 0
368.748, -2.13935, 0.434729, NO, 0, 0, 0
370.383, -2.09775, 0.300223, NO, 0, 0, 0
380.371, -2.09775, 0.300223, NO, 0, 0, 0
382.006, -2.13935, 0.434729, NO, 0, 0, 0
387.5, -2.42089, 1.34504, NO, 0, 0, 0
394.503, -2.77976, 2.50538, NO, 0, 0, 0
396.138, -2.82136, 2.63988, NO, 0, 0, 0
406.125, -2.82136, 2.63988, NO, 0, 0, 0
407.76, -2.77976, 2.50538, NO, 0, 0, 0
412.5, -2.53686, 1.72, NO, 0, 0, 0
414, -2.45999, 1.47146, NO, 0, 0, 0
NAME=W1-4R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
361, 2.555, 1.77867, NO, 0, 0, 0
362.5, 2.47814, 1.53014, NO, 0, 0, 0
369.111, 2.13936, 0.434748, NO, 0, 0, 0
370.746, 2.09776, 0.300243, NO, 0, 0, 0
380.009, 2.09776, 0.300243, NO, 0, 0, 0
381.644, 2.13936, 0.434748, NO, 0, 0, 0
387.5, 2.43945, 1.40504, NO, 0, 0, 0
394.865, 2.81686, 2.62536, NO, 0, 0, 0
396.5, 2.85846, 2.75987, NO, 0, 0, 0
405.763, 2.85846, 2.75987, NO, 0, 0, 0
407.98, 2.81686, 2.62536, NO, 0, 0, 0
412.5, 2.55541, 1.78, NO, 0, 0, 0
414, 2.47855, 1.53146, NO, 0, 0, 0
NAME=W1-5L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
311, -2.53639, 1.71851, NO, 0, 0, 0
312.5, -2.45953, 1.46997, NO, 0, 0, 0
318.748, -2.13935, 0.434729, NO, 0, 0, 0
320.383, -2.09775, 0.300223, NO, 0, 0, 0
330.371, -2.09775, 0.300223, NO, 0, 0, 0
332.006, -2.13935, 0.434729, NO, 0, 0, 0
337.5, -2.42089, 1.34504, NO, 0, 0, 0
344.503, -2.77976, 2.50538, NO, 0, 0, 0
346.138, -2.82136, 2.63988, NO, 0, 0, 0
356.125, -2.82136, 2.63988, NO, 0, 0, 0
357.76, -2.77976, 2.50538, NO, 0, 0, 0

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	Author	부설연구소	File Name	논산원로

362.5, -2.53686, 1.72, NO, 0, 0, 0
364, -2.45999, 1.47146, NO, 0, 0, 0
NAME=W1-5R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
311, 2.555, 1.77867, NO, 0, 0, 0
312.5, 2.47814, 1.53014, NO, 0, 0, 0
319.111, 2.13936, 0.434748, NO, 0, 0, 0
320.746, 2.09776, 0.300243, NO, 0, 0, 0
330.009, 2.09776, 0.300243, NO, 0, 0, 0
331.644, 2.13936, 0.434748, NO, 0, 0, 0
337.5, 2.43945, 1.40504, NO, 0, 0, 0
344.865, 2.81686, 2.62536, NO, 0, 0, 0
346.5, 2.85846, 2.75987, NO, 0, 0, 0
355.763, 2.85846, 2.75987, NO, 0, 0, 0
357.98, 2.81686, 2.62536, NO, 0, 0, 0
362.5, 2.55541, 1.78, NO, 0, 0, 0
364, 2.47855, 1.53146, NO, 0, 0, 0
NAME=W1-6L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
261, -2.53639, 1.71851, NO, 0, 0, 0
262.5, -2.45953, 1.46997, NO, 0, 0, 0
268.748, -2.13935, 0.434729, NO, 0, 0, 0
270.383, -2.09775, 0.300223, NO, 0, 0, 0
280.371, -2.09775, 0.300223, NO, 0, 0, 0
282.006, -2.13935, 0.434729, NO, 0, 0, 0
287.5, -2.42089, 1.34504, NO, 0, 0, 0
294.503, -2.77976, 2.50538, NO, 0, 0, 0
296.138, -2.82136, 2.63988, NO, 0, 0, 0
306.125, -2.82136, 2.63988, NO, 0, 0, 0
307.76, -2.77976, 2.50538, NO, 0, 0, 0
312.5, -2.53686, 1.72, NO, 0, 0, 0
314, -2.45999, 1.47146, NO, 0, 0, 0
NAME=W1-6R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
261, 2.555, 1.77867, NO, 0, 0, 0
262.5, 2.47814, 1.53014, NO, 0, 0, 0
269.111, 2.13936, 0.434748, NO, 0, 0, 0
270.746, 2.09776, 0.300243, NO, 0, 0, 0
280.009, 2.09776, 0.300243, NO, 0, 0, 0
281.644, 2.13936, 0.434748, NO, 0, 0, 0
287.5, 2.43945, 1.40504, NO, 0, 0, 0
294.865, 2.81686, 2.62536, NO, 0, 0, 0
296.5, 2.85846, 2.75987, NO, 0, 0, 0
305.763, 2.85846, 2.75987, NO, 0, 0, 0
307.98, 2.81686, 2.62536, NO, 0, 0, 0
312.5, 2.55541, 1.78, NO, 0, 0, 0
314, 2.47855, 1.53146, NO, 0, 0, 0
NAME=W1-7L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J

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	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원로

0, YES, 0, -3
211, -2.53639, 1.71851, NO, 0, 0, 0
212.5, -2.45953, 1.46997, NO, 0, 0, 0
218.748, -2.13935, 0.434729, NO, 0, 0, 0
220.383, -2.09775, 0.300223, NO, 0, 0, 0
230.371, -2.09775, 0.300223, NO, 0, 0, 0
232.006, -2.13935, 0.434729, NO, 0, 0, 0
237.5, -2.42089, 1.34504, NO, 0, 0, 0
244.503, -2.77976, 2.50538, NO, 0, 0, 0
246.138, -2.82136, 2.63988, NO, 0, 0, 0
256.125, -2.82136, 2.63988, NO, 0, 0, 0
257.76, -2.77976, 2.50538, NO, 0, 0, 0
262.5, -2.53686, 1.72, NO, 0, 0, 0
264, -2.45999, 1.47146, NO, 0, 0, 0
NAME=W1-7R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
211, 2.555, 1.77867, NO, 0, 0, 0
212.5, 2.47814, 1.53014, NO, 0, 0, 0
219.111, 2.13936, 0.434748, NO, 0, 0, 0
220.746, 2.09776, 0.300243, NO, 0, 0, 0
230.009, 2.09776, 0.300243, NO, 0, 0, 0
231.644, 2.13936, 0.434748, NO, 0, 0, 0
237.5, 2.43945, 1.40504, NO, 0, 0, 0
244.865, 2.81686, 2.62536, NO, 0, 0, 0
246.5, 2.85846, 2.75987, NO, 0, 0, 0
255.763, 2.85846, 2.75987, NO, 0, 0, 0
257.98, 2.81686, 2.62536, NO, 0, 0, 0
262.5, 2.55541, 1.78, NO, 0, 0, 0
264, 2.47855, 1.53146, NO, 0, 0, 0
NAME=W1-8L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
161, -2.53639, 1.71851, NO, 0, 0, 0
162.5, -2.45953, 1.46997, NO, 0, 0, 0
168.748, -2.13935, 0.434729, NO, 0, 0, 0
170.383, -2.09775, 0.300223, NO, 0, 0, 0
180.371, -2.09775, 0.300223, NO, 0, 0, 0
182.006, -2.13935, 0.434729, NO, 0, 0, 0
187.5, -2.42089, 1.34504, NO, 0, 0, 0
194.503, -2.77976, 2.50538, NO, 0, 0, 0
196.138, -2.82136, 2.63988, NO, 0, 0, 0
206.125, -2.82136, 2.63988, NO, 0, 0, 0
207.76, -2.77976, 2.50538, NO, 0, 0, 0
212.5, -2.53686, 1.72, NO, 0, 0, 0
214, -2.45999, 1.47146, NO, 0, 0, 0
NAME=W1-8R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUT01, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
161, 2.555, 1.77867, NO, 0, 0, 0
162.5, 2.47814, 1.53014, NO, 0, 0, 0
169.111, 2.13936, 0.434748, NO, 0, 0, 0
170.746, 2.09776, 0.300243, NO, 0, 0, 0

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180.009, 2.09776, 0.300243, NO, 0, 0, 0
181.644, 2.13936, 0.434748, NO, 0, 0, 0
187.5, 2.43945, 1.40504, NO, 0, 0, 0
194.865, 2.81686, 2.62536, NO, 0, 0, 0
196.5, 2.85846, 2.75987, NO, 0, 0, 0
205.763, 2.85846, 2.75987, NO, 0, 0, 0
207.398, 2.81686, 2.62536, NO, 0, 0, 0
212.5, 2.55541, 1.78, NO, 0, 0, 0
214, 2.47855, 1.53146, NO, 0, 0, 0
NAME=W1-9L, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
LF, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
111, -2.53639, 1.71851, NO, 0, 0, 0
112.5, -2.45953, 1.46997, NO, 0, 0, 0
118.748, -2.13935, 0.434729, NO, 0, 0, 0
120.383, -2.09775, 0.300223, NO, 0, 0, 0
130.371, -2.09775, 0.300223, NO, 0, 0, 0
132.006, -2.13935, 0.434729, NO, 0, 0, 0
137.5, -2.42089, 1.34504, NO, 0, 0, 0
144.503, -2.77976, 2.50538, NO, 0, 0, 0
146.138, -2.82136, 2.63988, NO, 0, 0, 0
156.125, -2.82136, 2.63988, NO, 0, 0, 0
157.76, -2.77976, 2.50538, NO, 0, 0, 0
162.5, -2.53686, 1.72, NO, 0, 0, 0
164, -2.45989, 1.47146, NO, 0, 0, 0
NAME=W1-9R, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
RF, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
111, 2.555, 1.77867, NO, 0, 0, 0
112.5, 2.47814, 1.53014, NO, 0, 0, 0
119.111, 2.13936, 0.434748, NO, 0, 0, 0
120.746, 2.09776, 0.300243, NO, 0, 0, 0
130.009, 2.09776, 0.300243, NO, 0, 0, 0
131.644, 2.13936, 0.434748, NO, 0, 0, 0
137.5, 2.43945, 1.40504, NO, 0, 0, 0
144.865, 2.81686, 2.62536, NO, 0, 0, 0
146.5, 2.85846, 2.75987, NO, 0, 0, 0
155.763, 2.85846, 2.75987, NO, 0, 0, 0
157.398, 2.81686, 2.62536, NO, 0, 0, 0
162.5, 2.55541, 1.78, NO, 0, 0, 0
164, 2.47855, 1.53146, NO, 0, 0, 0
NAME=W2-10L, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
36, -2.49863, 1.59639, NO, 0, 0, 0
37.5, -2.57549, 1.84493, NO, 0, 0, 0
42.391, -2.82613, 2.65533, NO, 0, 0, 0
44.0256, -2.86773, 2.78984, NO, 0, 0, 0
57.4834, -2.86773, 2.78984, NO, 0, 0, 0
59.118, -2.82613, 2.65533, NO, 0, 0, 0
62.5, -2.65282, 2.09496, NO, 0, 0, 0
70.71, -2.2321, 0.734631, NO, 0, 0, 0
72.3446, -2.1905, 0.600125, NO, 0, 0, 0

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79.9184, -2.1905, 0.600125, NO, 0, 0, 0
81.553, -2.2321, 0.734631, NO, 0, 0, 0
87.5, -2.53686, 1.72, NO, 0, 0, 0
89, -2.61372, 1.96854, NO, 0, 0, 0
NAME=W2-10R, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
36, 2.51718, 1.65639, NO, 0, 0, 0
37.5, 2.59405, 1.90493, NO, 0, 0, 0
42.753, 2.86324, 2.77531, NO, 0, 0, 0
44.3876, 2.90484, 2.90982, NO, 0, 0, 0
57.1214, 2.90484, 2.90982, NO, 0, 0, 0
58.756, 2.86324, 2.77531, NO, 0, 0, 0
62.5, 2.67138, 2.15496, NO, 0, 0, 0
71.072, 2.23211, 0.73465, NO, 0, 0, 0
72.7066, 2.19051, 0.600145, NO, 0, 0, 0
79.5564, 2.19051, 0.600145, NO, 0, 0, 0
81.191, 2.23211, 0.73465, NO, 0, 0, 0
87.5, 2.55541, 1.78, NO, 0, 0, 0
89, 2.63228, 2.02854, NO, 0, 0, 0
NAME=W2-11L, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
0.16, -2.77005, 2.474, NO, 0, 0, 0
9.29947, -2.24635, 0.780689, NO, 0, 0, 0
11.191, -2.19052, 0.600165, NO, 0, 0, 0
12.5, -2.19052, 0.600165, NO, 0, 0, 0
27.6554, -2.19052, 0.600165, NO, 0, 0, 0
29.29, -2.23211, 0.73467, NO, 0, 0, 0
37.5, -2.65284, 2.095, NO, 0, 0, 0
39, -2.7297, 2.34354, NO, 0, 0, 0
NAME=W2-11R, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
0.16, 2.79304, 2.548, NO, 0, 0, 0
9.69347, 2.24635, 0.780709, NO, 0, 0, 0
11.575, 2.19052, 0.600184, NO, 0, 0, 0
12.5, 2.19052, 0.600184, NO, 0, 0, 0
27.2934, 2.19052, 0.600184, NO, 0, 0, 0
28.928, 2.23212, 0.73469, NO, 0, 0, 0
37.5, 2.67139, 2.155, NO, 0, 0, 0
39, 2.74826, 2.40354, NO, 0, 0, 0
NAME=W2-1L, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
LF, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
486, -2.49859, 1.59627, NO, 0, 0, 0
487.5, -2.57546, 1.84481, NO, 0, 0, 0
492.391, -2.82609, 2.6552, NO, 0, 0, 0
494.026, -2.86769, 2.78971, NO, 0, 0, 0
507.483, -2.86769, 2.78971, NO, 0, 0, 0
509.118, -2.82609, 2.6552, NO, 0, 0, 0
512.5, -2.65278, 2.09484, NO, 0, 0, 0

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520.71, -2.23206, 0.734506, NO, 0, 0, 0
522.345, -2.19046, 0.6, NO, 0, 0, 0
537.5, -2.19046, 0.6, NO, 0, 0, 0
538.809, -2.19046, 0.6, NO, 0, 0, 0
540.701, -2.2463, 0.780525, NO, 0, 0, 0
549.39, -2.76398, 2.45438, NO, 0, 0, 0
NAME=W2-1R, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
RF, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
486, 2.51714, 1.65625, NO, 0, 0, 0
487.5, 2.59401, 1.90479, NO, 0, 0, 0
492.753, 2.8632, 2.77517, NO, 0, 0, 0
494.388, 2.9048, 2.90967, NO, 0, 0, 0
507.121, 2.9048, 2.90967, NO, 0, 0, 0
508.756, 2.8632, 2.77517, NO, 0, 0, 0
512.5, 2.67133, 2.15482, NO, 0, 0, 0
521.072, 2.23206, 0.734506, NO, 0, 0, 0
522.707, 2.19046, 0.6, NO, 0, 0, 0
537.5, 2.19046, 0.6, NO, 0, 0, 0
538.425, 2.19046, 0.6, NO, 0, 0, 0
540.317, 2.2463, 0.780525, NO, 0, 0, 0
549.39, 2.78866, 2.52835, NO, 0, 0, 0
NAME=W2-2L, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
LF, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
436, -2.53733, 1.72153, NO, 0, 0, 0
437.5, -2.6142, 1.97007, NO, 0, 0, 0
441.636, -2.82615, 2.65537, NO, 0, 0, 0
443.271, -2.86774, 2.78988, NO, 0, 0, 0
457.483, -2.86774, 2.78988, NO, 0, 0, 0
459.118, -2.82615, 2.65537, NO, 0, 0, 0
462.5, -2.65284, 2.095, NO, 0, 0, 0
470.71, -2.23211, 0.73467, NO, 0, 0, 0
472.345, -2.19052, 0.600165, NO, 0, 0, 0
477.655, -2.19052, 0.600165, NO, 0, 0, 0
479.29, -2.23211, 0.73467, NO, 0, 0, 0
487.5, -2.65284, 2.095, NO, 0, 0, 0
489, -2.7297, 2.34354, NO, 0, 0, 0
NAME=W2-2R, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
RF, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
436, 2.55589, 1.78153, NO, 0, 0, 0
437.5, 2.63275, 2.03007, NO, 0, 0, 0
441.998, 2.86325, 2.77535, NO, 0, 0, 0
443.633, 2.90485, 2.90986, NO, 0, 0, 0
457.121, 2.90485, 2.90986, NO, 0, 0, 0
458.756, 2.86325, 2.77535, NO, 0, 0, 0
462.5, 2.67139, 2.155, NO, 0, 0, 0
471.072, 2.23212, 0.73469, NO, 0, 0, 0
472.707, 2.19052, 0.600184, NO, 0, 0, 0
477.293, 2.19052, 0.600184, NO, 0, 0, 0
478.928, 2.23212, 0.73469, NO, 0, 0, 0
487.5, 2.67139, 2.155, NO, 0, 0, 0

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489, 2.74826, 2.40354, NO, 0, 0, 0
NAME=W2-3L, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
LF, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
386, -2.49801, 1.59441, NO, 0, 0, 0
387.5, -2.57488, 1.84294, NO, 0, 0, 0
392.391, -2.82552, 2.65334, NO, 0, 0, 0
394.026, -2.86712, 2.78785, NO, 0, 0, 0
406.729, -2.86712, 2.78785, NO, 0, 0, 0
408.364, -2.82552, 2.65334, NO, 0, 0, 0
412.5, -2.61357, 1.98804, NO, 0, 0, 0
420.861, -2.18511, 0.582692, NO, 0, 0, 0
422.496, -2.14351, 0.448188, NO, 0, 0, 0
429.001, -2.14351, 0.448188, NO, 0, 0, 0
430.636, -2.18511, 0.582692, NO, 0, 0, 0
437.5, -2.53686, 1.72, NO, 0, 0, 0
439, -2.61372, 1.96854, NO, 0, 0, 0
NAME=W2-3R, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
RF, AUTO1, ., NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
386, 2.51718, 1.65639, NO, 0, 0, 0
387.5, 2.59405, 1.90493, NO, 0, 0, 0
392.753, 2.86324, 2.77531, NO, 0, 0, 0
394.388, 2.90484, 2.90982, NO, 0, 0, 0
406.367, 2.90484, 2.90982, NO, 0, 0, 0
408.002, 2.86324, 2.77531, NO, 0, 0, 0
412.5, 2.63274, 2.03003, NO, 0, 0, 0
421.223, 2.18573, 0.584699, NO, 0, 0, 0
422.858, 2.14413, 0.450194, NO, 0, 0, 0
428.651, 2.14413, 0.450194, NO, 0, 0, 0
430.286, 2.18573, 0.584699, NO, 0, 0, 0
437.5, 2.55541, 1.78, NO, 0, 0, 0
439, 2.63228, 2.02854, NO, 0, 0, 0
NAME=W2-4L, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
336, -2.56825, 1.8215, NO, 0, 0, 0
337.5, -2.64512, 2.07004, NO, 0, 0, 0
341.836, -2.85706, 2.75534, NO, 0, 0, 0
343.271, -2.89866, 2.88985, NO, 0, 0, 0
356.125, -2.89866, 2.88985, NO, 0, 0, 0
357.76, -2.85706, 2.75534, NO, 0, 0, 0
362.5, -2.61416, 1.96996, NO, 0, 0, 0
370.861, -2.1857, 0.584611, NO, 0, 0, 0
372.496, -2.14411, 0.450106, NO, 0, 0, 0
379.767, -2.14411, 0.450106, NO, 0, 0, 0
381.402, -2.1857, 0.584611, NO, 0, 0, 0
387.5, -2.4982, 1.595, NO, 0, 0, 0
389, -2.57506, 1.84354, NO, 0, 0, 0
NAME=W2-4R, SWPC7B(WEB), 1to142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3

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336, 2.55524, 1.77943, NO, 0, 0, 0
337.5, 2.6321, 2.02797, NO, 0, 0, 0
341.998, 2.8626, 2.77325, NO, 0, 0, 0
343.633, 2.9042, 2.90776, NO, 0, 0, 0
356.367, 2.9042, 2.90776, NO, 0, 0, 0
358.002, 2.8626, 2.77325, NO, 0, 0, 0
362.5, 2.6321, 2.02797, NO, 0, 0, 0
371.223, 2.1851, 0.582643, NO, 0, 0, 0
372.858, 2.1435, 0.448137, NO, 0, 0, 0
379.393, 2.1435, 0.448137, NO, 0, 0, 0
381.028, 2.1851, 0.582643, NO, 0, 0, 0
387.5, 2.51675, 1.655, NO, 0, 0, 0
389, 2.59362, 1.90354, NO, 0, 0, 0
NAME=W2-SL, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
286, -2.56825, 1.8215, NO, 0, 0, 0
287.5, -2.64512, 2.07004, NO, 0, 0, 0
291.636, -2.85706, 2.75534, NO, 0, 0, 0
293.271, -2.89866, 2.88985, NO, 0, 0, 0
306.125, -2.89866, 2.88985, NO, 0, 0, 0
307.76, -2.85706, 2.75534, NO, 0, 0, 0
312.5, -2.61416, 1.96996, NO, 0, 0, 0
320.861, -2.1857, 0.584611, NO, 0, 0, 0
322.496, -2.14411, 0.450106, NO, 0, 0, 0
329.767, -2.14411, 0.450106, NO, 0, 0, 0
331.402, -2.1857, 0.584611, NO, 0, 0, 0
337.5, -2.4982, 1.595, NO, 0, 0, 0
339, -2.57506, 1.84354, NO, 0, 0, 0
NAME=W2-SR, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
286, 2.55524, 1.77943, NO, 0, 0, 0
287.5, 2.6321, 2.02797, NO, 0, 0, 0
291.998, 2.8626, 2.77325, NO, 0, 0, 0
293.633, 2.9042, 2.90776, NO, 0, 0, 0
306.367, 2.9042, 2.90776, NO, 0, 0, 0
308.002, 2.8626, 2.77325, NO, 0, 0, 0
312.5, 2.6321, 2.02797, NO, 0, 0, 0
321.223, 2.1851, 0.582643, NO, 0, 0, 0
322.858, 2.1435, 0.448137, NO, 0, 0, 0
329.393, 2.1435, 0.448137, NO, 0, 0, 0
331.028, 2.1851, 0.582643, NO, 0, 0, 0
337.5, 2.51675, 1.655, NO, 0, 0, 0
339, 2.59362, 1.90354, NO, 0, 0, 0
NAME=W2-GL, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
236, -2.56825, 1.8215, NO, 0, 0, 0
237.5, -2.64512, 2.07004, NO, 0, 0, 0
241.636, -2.85706, 2.75534, NO, 0, 0, 0
243.271, -2.89866, 2.88985, NO, 0, 0, 0
256.125, -2.89866, 2.88985, NO, 0, 0, 0

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	Author	부설연구소	File Name	논산원료

257.76, -2.85706, 2.75534, NO, 0, 0, 0
262.5, -2.61416, 1.96996, NO, 0, 0, 0
270.861, -2.1857, 0.584611, NO, 0, 0, 0
272.496, -2.14411, 0.450106, NO, 0, 0, 0
279.767, -2.14411, 0.450106, NO, 0, 0, 0
281.402, -2.1857, 0.584611, NO, 0, 0, 0
287.5, -2.4982, 1.595, NO, 0, 0, 0
289, -2.57506, 1.84354, NO, 0, 0, 0
NAME=W2-GR, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
236, 2.55524, 1.77943, NO, 0, 0, 0
237.5, 2.6321, 2.02797, NO, 0, 0, 0
241.998, 2.8626, 2.77325, NO, 0, 0, 0
243.633, 2.9042, 2.90776, NO, 0, 0, 0
256.367, 2.9042, 2.90776, NO, 0, 0, 0
258.002, 2.8626, 2.77325, NO, 0, 0, 0
262.5, 2.6321, 2.02797, NO, 0, 0, 0
271.223, 2.1851, 0.582643, NO, 0, 0, 0
272.858, 2.1435, 0.448137, NO, 0, 0, 0
279.393, 2.1435, 0.448137, NO, 0, 0, 0
281.028, 2.1851, 0.582643, NO, 0, 0, 0
287.5, 2.51675, 1.655, NO, 0, 0, 0
289, 2.59362, 1.90354, NO, 0, 0, 0
NAME=W2-L, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
186, -2.56825, 1.8215, NO, 0, 0, 0
187.5, -2.64512, 2.07004, NO, 0, 0, 0
191.636, -2.85706, 2.75534, NO, 0, 0, 0
193.271, -2.89866, 2.88985, NO, 0, 0, 0
206.125, -2.89866, 2.88985, NO, 0, 0, 0
207.76, -2.85706, 2.75534, NO, 0, 0, 0
212.5, -2.61416, 1.96996, NO, 0, 0, 0
220.861, -2.1857, 0.584611, NO, 0, 0, 0
222.496, -2.14411, 0.450106, NO, 0, 0, 0
229.767, -2.14411, 0.450106, NO, 0, 0, 0
231.402, -2.1857, 0.584611, NO, 0, 0, 0
237.5, -2.4982, 1.595, NO, 0, 0, 0
239, -2.57506, 1.84354, NO, 0, 0, 0
NAME=W2-7R, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
186, 2.55524, 1.77943, NO, 0, 0, 0
187.5, 2.6321, 2.02797, NO, 0, 0, 0
191.998, 2.8626, 2.77325, NO, 0, 0, 0
193.633, 2.9042, 2.90776, NO, 0, 0, 0
206.367, 2.9042, 2.90776, NO, 0, 0, 0
208.002, 2.8626, 2.77325, NO, 0, 0, 0
212.5, 2.6321, 2.02797, NO, 0, 0, 0
221.223, 2.1851, 0.582643, NO, 0, 0, 0
222.858, 2.1435, 0.448137, NO, 0, 0, 0
229.393, 2.1435, 0.448137, NO, 0, 0, 0

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	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원료

231.028, 2.1851, 0.582643, NO, 0, 0, 0
237.5, 2.51675, 1.655, NO, 0, 0, 0
239, 2.59362, 1.90354, NO, 0, 0, 0
NAME=W2-BL, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
136, -2.56825, 1.8215, NO, 0, 0, 0
137.5, -2.64512, 2.07004, NO, 0, 0, 0
141.636, -2.85706, 2.75534, NO, 0, 0, 0
143.271, -2.89866, 2.88985, NO, 0, 0, 0
156.125, -2.89866, 2.88985, NO, 0, 0, 0
157.76, -2.85706, 2.75534, NO, 0, 0, 0
162.5, -2.61416, 1.96996, NO, 0, 0, 0
170.861, -2.1857, 0.584611, NO, 0, 0, 0
172.496, -2.14411, 0.450106, NO, 0, 0, 0
179.767, -2.14411, 0.450106, NO, 0, 0, 0
181.402, -2.1857, 0.584611, NO, 0, 0, 0
187.5, -2.4982, 1.595, NO, 0, 0, 0
189, -2.57506, 1.84354, NO, 0, 0, 0
NAME=W2-GR, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
136, 2.55524, 1.77943, NO, 0, 0, 0
137.5, 2.6321, 2.02797, NO, 0, 0, 0
141.998, 2.8626, 2.77325, NO, 0, 0, 0
143.633, 2.9042, 2.90776, NO, 0, 0, 0
156.367, 2.9042, 2.90776, NO, 0, 0, 0
158.002, 2.8626, 2.77325, NO, 0, 0, 0
162.5, 2.6321, 2.02797, NO, 0, 0, 0
171.223, 2.1851, 0.582643, NO, 0, 0, 0
172.858, 2.1435, 0.448137, NO, 0, 0, 0
179.393, 2.1435, 0.448137, NO, 0, 0, 0
181.028, 2.1851, 0.582643, NO, 0, 0, 0
187.5, 2.51675, 1.655, NO, 0, 0, 0
189, 2.59362, 1.90354, NO, 0, 0, 0
NAME=W2-GL, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
86, -2.56825, 1.8215, NO, 0, 0, 0
87.5, -2.64512, 2.07004, NO, 0, 0, 0
91.636, -2.85706, 2.75534, NO, 0, 0, 0
93.2706, -2.89866, 2.88985, NO, 0, 0, 0
106.125, -2.89866, 2.88985, NO, 0, 0, 0
107.76, -2.85706, 2.75534, NO, 0, 0, 0
112.5, -2.61416, 1.96996, NO, 0, 0, 0
120.861, -2.1857, 0.584611, NO, 0, 0, 0
122.496, -2.14411, 0.450106, NO, 0, 0, 0
129.767, -2.14411, 0.450106, NO, 0, 0, 0
131.402, -2.1857, 0.584611, NO, 0, 0, 0
137.5, -2.4982, 1.595, NO, 0, 0, 0
139, -2.57506, 1.84354, NO, 0, 0, 0
NAME=W2-GR, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,

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ELEMENT, END-I, 1, I-J
0, YES, 0, -3
86, 2.55524, 1.77943, NO, 0, 0, 0
87.5, 2.6321, 2.02797, NO, 0, 0, 0
91.998, 2.8626, 2.77325, NO, 0, 0, 0
93.6326, 2.9042, 2.90776, NO, 0, 0, 0
106.367, 2.9042, 2.90776, NO, 0, 0, 0
108.002, 2.8626, 2.77325, NO, 0, 0, 0
112.5, 2.6321, 2.02797, NO, 0, 0, 0
121.223, 2.1851, 0.582643, NO, 0, 0, 0
122.858, 2.1435, 0.448137, NO, 0, 0, 0
129.393, 2.1435, 0.448137, NO, 0, 0, 0
131.028, 2.1851, 0.582643, NO, 0, 0, 0
137.5, 2.51675, 1.655, NO, 0, 0, 0
139, 2.59362, 1.90354, NO, 0, 0, 0
NAME=W3-10L, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
61, -2.42045, 1.34361, NO, 0, 0, 0
62.5, -2.34358, 1.09507, NO, 0, 0, 0
66.486, -2.13932, 0.434621, NO, 0, 0, 0
68.1206, -2.09772, 0.300115, NO, 0, 0, 0
81.1254, -2.09772, 0.300115, NO, 0, 0, 0
82.76, -2.13932, 0.434621, NO, 0, 0, 0
87.5, -2.38222, 1.22, NO, 0, 0, 0
94.352, -2.73335, 2.35532, NO, 0, 0, 0
95.9866, -2.77495, 2.46983, NO, 0, 0, 0
104.013, -2.77495, 2.46983, NO, 0, 0, 0
105.648, -2.73335, 2.35532, NO, 0, 0, 0
112.5, -2.38222, 1.22, NO, 0, 0, 0
114, -2.30535, 0.971462, NO, 0, 0, 0
NAME=W3-10R, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
61, 2.439, 1.40361, NO, 0, 0, 0
62.5, 2.36213, 1.15507, NO, 0, 0, 0
66.848, 2.13932, 0.43464, NO, 0, 0, 0
68.4826, 2.09772, 0.300135, NO, 0, 0, 0
80.7834, 2.09772, 0.300135, NO, 0, 0, 0
82.398, 2.13932, 0.43464, NO, 0, 0, 0
87.5, 2.40077, 1.28, NO, 0, 0, 0
94.714, 2.77045, 2.4753, NO, 0, 0, 0
96.3486, 2.81205, 2.60981, NO, 0, 0, 0
103.651, 2.81205, 2.60981, NO, 0, 0, 0
105.286, 2.77045, 2.4753, NO, 0, 0, 0
112.5, 2.40077, 1.28, NO, 0, 0, 0
114, 2.32391, 1.03146, NO, 0, 0, 0
NAME=W3-11L, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
0.16, -2.48149, 1.541, NO, 0, 0, 0
5.66547, -2.15357, 0.480708, NO, 0, 0, 0
7.557, -2.09774, 0.300184, NO, 0, 0, 0

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12.5, -2.09774, 0.300184, NO, 0, 0, 0
30.3714, -2.09774, 0.300184, NO, 0, 0, 0
32.006, -2.13934, 0.434689, NO, 0, 0, 0
37.5, -2.42088, 1.345, NO, 0, 0, 0
43.598, -2.73337, 2.35539, NO, 0, 0, 0
45.2326, -2.77497, 2.48989, NO, 0, 0, 0
54.7674, -2.77497, 2.48989, NO, 0, 0, 0
56.402, -2.73337, 2.35539, NO, 0, 0, 0
62.5, -2.42088, 1.345, NO, 0, 0, 0
64, -2.34401, 1.09646, NO, 0, 0, 0
NAME=W3-11R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, USER, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
0.16, 2.50438, 1.615, NO, 0, 0, 0
6.04947, 2.15358, 0.480728, NO, 0, 0, 0
7.941, 2.09774, 0.300203, NO, 0, 0, 0
12.5, 2.09774, 0.300203, NO, 0, 0, 0
30.0094, 2.09774, 0.300203, NO, 0, 0, 0
31.644, 2.13934, 0.434709, NO, 0, 0, 0
37.5, 2.43943, 1.405, NO, 0, 0, 0
43.96, 2.77047, 2.47537, NO, 0, 0, 0
45.5946, 2.81207, 2.60987, NO, 0, 0, 0
54.4054, 2.81207, 2.60987, NO, 0, 0, 0
56.04, 2.77047, 2.47537, NO, 0, 0, 0
62.5, 2.43943, 1.405, NO, 0, 0, 0
64, 2.36257, 1.15646, NO, 0, 0, 0
NAME=W3-1L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
511, -2.42041, 1.34349, NO, 0, 0, 0
512.5, -2.34354, 1.09495, NO, 0, 0, 0
516.486, -2.13928, 0.434506, NO, 0, 0, 0
518.121, -2.09768, 0.3, NO, 0, 0, 0
537.5, -2.09768, 0.3, NO, 0, 0, 0
542.443, -2.09768, 0.3, NO, 0, 0, 0
544.335, -2.15351, 0.480525, NO, 0, 0, 0
549.84, -2.48151, 1.54105, NO, 0, 0, 0
NAME=W3-1R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
511, 2.43896, 1.40347, NO, 0, 0, 0
512.5, 2.36209, 1.15493, NO, 0, 0, 0
516.848, 2.13928, 0.434506, NO, 0, 0, 0
518.483, 2.09768, 0.3, NO, 0, 0, 0
537.5, 2.09768, 0.3, NO, 0, 0, 0
542.059, 2.09768, 0.3, NO, 0, 0, 0
543.951, 2.15351, 0.480525, NO, 0, 0, 0
549.84, 2.50439, 1.61502, NO, 0, 0, 0
NAME=W3-2L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
461, -2.42047, 1.34367, NO, 0, 0, 0

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	Author	부설연구소	File Name	논산원료

462.5, -2.3436, 1.09514, NO, 0, 0, 0
466.486, -2.13934, 0.434689, NO, 0, 0, 0
468.121, -2.09774, 0.300184, NO, 0, 0, 0
480.371, -2.09774, 0.300184, NO, 0, 0, 0
482.006, -2.13934, 0.434689, NO, 0, 0, 0
487.5, -2.42088, 1.345, NO, 0, 0, 0
493.598, -2.73337, 2.35539, NO, 0, 0, 0
495.233, -2.77497, 2.48989, NO, 0, 0, 0
504.767, -2.77497, 2.48989, NO, 0, 0, 0
506.402, -2.73337, 2.35539, NO, 0, 0, 0
512.5, -2.42088, 1.345, NO, 0, 0, 0
514, -2.34401, 1.09646, NO, 0, 0, 0
NAME=W3-2R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
461, 2.43902, 1.40367, NO, 0, 0, 0
462.5, 2.36216, 1.15514, NO, 0, 0, 0
466.848, 2.13934, 0.434709, NO, 0, 0, 0
468.483, 2.09774, 0.300203, NO, 0, 0, 0
480.009, 2.09774, 0.300203, NO, 0, 0, 0
481.644, 2.13934, 0.434709, NO, 0, 0, 0
487.5, 2.43943, 1.405, NO, 0, 0, 0
493.96, 2.77047, 2.47537, NO, 0, 0, 0
495.595, 2.81207, 2.60987, NO, 0, 0, 0
504.405, 2.81207, 2.60987, NO, 0, 0, 0
506.04, 2.77047, 2.47537, NO, 0, 0, 0
512.5, 2.43943, 1.405, NO, 0, 0, 0
514, 2.36257, 1.15646, NO, 0, 0, 0
NAME=W3-3L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
411, -2.38178, 1.21858, NO, 0, 0, 0
412.5, -2.30491, 0.970039, NO, 0, 0, 0
416.636, -2.09296, 0.284738, NO, 0, 0, 0
418.271, -2.05136, 0.150233, NO, 0, 0, 0
430.22, -2.05136, 0.150233, NO, 0, 0, 0
431.855, -2.09296, 0.284738, NO, 0, 0, 0
437.5, -2.38224, 1.22007, NO, 0, 0, 0
444.352, -2.73337, 2.35539, NO, 0, 0, 0
445.987, -2.77497, 2.48989, NO, 0, 0, 0
454.767, -2.77497, 2.48989, NO, 0, 0, 0
456.402, -2.73337, 2.35539, NO, 0, 0, 0
462.5, -2.42088, 1.345, NO, 0, 0, 0
464, -2.34401, 1.09646, NO, 0, 0, 0
NAME=W3-3R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
411, 2.40033, 1.27858, NO, 0, 0, 0
412.5, 2.32347, 1.03004, NO, 0, 0, 0
416.998, 2.09297, 0.284758, NO, 0, 0, 0
418.633, 2.05137, 0.150252, NO, 0, 0, 0
429.858, 2.05137, 0.150252, NO, 0, 0, 0
431.493, 2.09297, 0.284758, NO, 0, 0, 0

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	Author	부설연구소	File Name	논산원료

437.5, 2.40079, 1.28007, NO, 0, 0, 0
444.714, 2.77047, 2.47537, NO, 0, 0, 0
446.349, 2.81207, 2.60987, NO, 0, 0, 0
454.405, 2.81207, 2.60987, NO, 0, 0, 0
456.04, 2.77047, 2.47537, NO, 0, 0, 0
462.5, 2.43943, 1.405, NO, 0, 0, 0
464, 2.36257, 1.15646, NO, 0, 0, 0
NAME=W3-4L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
361, -2.38176, 1.21851, NO, 0, 0, 0
362.5, -2.30489, 0.969971, NO, 0, 0, 0
366.636, -2.09294, 0.28467, NO, 0, 0, 0
368.271, -2.05134, 0.150164, NO, 0, 0, 0
380.974, -2.05134, 0.150164, NO, 0, 0, 0
382.609, -2.09294, 0.28467, NO, 0, 0, 0
387.5, -2.34358, 1.09507, NO, 0, 0, 0
395.106, -2.73335, 2.35532, NO, 0, 0, 0
396.741, -2.77495, 2.48983, NO, 0, 0, 0
404.013, -2.77495, 2.48983, NO, 0, 0, 0
405.648, -2.73335, 2.35532, NO, 0, 0, 0
412.5, -2.38222, 1.22, NO, 0, 0, 0
414, -2.30535, 0.971462, NO, 0, 0, 0
NAME=W3-4R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
361, 2.40031, 1.27851, NO, 0, 0, 0
362.5, 2.32344, 1.02997, NO, 0, 0, 0
366.998, 2.09295, 0.284689, NO, 0, 0, 0
368.633, 2.05135, 0.150184, NO, 0, 0, 0
380.612, 2.05135, 0.150184, NO, 0, 0, 0
382.247, 2.09295, 0.284689, NO, 0, 0, 0
387.5, 2.36213, 1.15507, NO, 0, 0, 0
395.468, 2.77045, 2.4753, NO, 0, 0, 0
397.103, 2.81205, 2.60981, NO, 0, 0, 0
403.651, 2.81205, 2.60981, NO, 0, 0, 0
405.286, 2.77045, 2.4753, NO, 0, 0, 0
412.5, 2.40077, 1.28, NO, 0, 0, 0
414, 2.32391, 1.03146, NO, 0, 0, 0
NAME=W3-5L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
311, -2.38176, 1.21851, NO, 0, 0, 0
312.5, -2.30489, 0.969971, NO, 0, 0, 0
316.636, -2.09294, 0.28467, NO, 0, 0, 0
318.271, -2.05134, 0.150164, NO, 0, 0, 0
330.974, -2.05134, 0.150164, NO, 0, 0, 0
332.609, -2.09294, 0.28467, NO, 0, 0, 0
337.5, -2.34358, 1.09507, NO, 0, 0, 0
345.106, -2.73335, 2.35532, NO, 0, 0, 0
346.741, -2.77495, 2.48983, NO, 0, 0, 0
354.013, -2.77495, 2.48983, NO, 0, 0, 0
355.648, -2.73335, 2.35532, NO, 0, 0, 0

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MIDAS	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원료
362.5, -2.38222, 1.22, NO, 0, 0, 0 364, -2.30535, 0.971462, NO, 0, 0, 0 NAME=W3-5R, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D RF, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0, -3 311, 2.40031, 1.27851, NO, 0, 0, 0 312.5, 2.32344, 1.02997, NO, 0, 0, 0 316.998, 2.09295, 0.284689, NO, 0, 0, 0 318.633, 2.05135, 0.150184, NO, 0, 0, 0 330.612, 2.05135, 0.150184, NO, 0, 0, 0 332.247, 2.09295, 0.284689, NO, 0, 0, 0 337.5, 2.36213, 1.15507, NO, 0, 0, 0 345.468, 2.77045, 2.4753, NO, 0, 0, 0 347.103, 2.81205, 2.60981, NO, 0, 0, 0 353.651, 2.81205, 2.60981, NO, 0, 0, 0 355.286, 2.77045, 2.4753, NO, 0, 0, 0 362.5, 2.40077, 1.28, NO, 0, 0, 0 364, 2.32391, 1.03146, NO, 0, 0, 0 NAME=W3-6L, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D LF, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0, -3 261, -2.38176, 1.21851, NO, 0, 0, 0 262.5, -2.30489, 0.969971, NO, 0, 0, 0 266.636, -2.09294, 0.28467, NO, 0, 0, 0 268.271, -2.05134, 0.150164, NO, 0, 0, 0 280.974, -2.05134, 0.150164, NO, 0, 0, 0 282.609, -2.09294, 0.28467, NO, 0, 0, 0 287.5, -2.34358, 1.09507, NO, 0, 0, 0 295.106, -2.73335, 2.35532, NO, 0, 0, 0 296.741, -2.77495, 2.48983, NO, 0, 0, 0 304.013, -2.77495, 2.48983, NO, 0, 0, 0 305.648, -2.73335, 2.35532, NO, 0, 0, 0 312.5, -2.38222, 1.22, NO, 0, 0, 0 314, -2.30535, 0.971462, NO, 0, 0, 0 NAME=W3-6R, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D RF, AUT01, . . , NO, ELEMENT, END-I, 1, I-J 0, YES, 0, -3 261, 2.40031, 1.27851, NO, 0, 0, 0 262.5, 2.32344, 1.02997, NO, 0, 0, 0 266.998, 2.09295, 0.284689, NO, 0, 0, 0 268.633, 2.05135, 0.150184, NO, 0, 0, 0 280.612, 2.05135, 0.150184, NO, 0, 0, 0 282.247, 2.09295, 0.284689, NO, 0, 0, 0 287.5, 2.36213, 1.15507, NO, 0, 0, 0 295.468, 2.77045, 2.4753, NO, 0, 0, 0 297.103, 2.81205, 2.60981, NO, 0, 0, 0 303.651, 2.81205, 2.60981, NO, 0, 0, 0 305.286, 2.77045, 2.4753, NO, 0, 0, 0 312.5, 2.40077, 1.28, NO, 0, 0, 0 314, 2.32391, 1.03146, NO, 0, 0, 0 NAME=W3-7L, SWPC7B(WEB), 11to142, 0, 0, SPLINE, 3D LF, AUT01, . . , NO, ELEMENT, END-I, 1, I-J				
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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역			
	Company	(주)풍우기술단	Client
	Author	부설연구소	File Name
논산원로			

0, YES, 0, -3
211, -2.38176, 1.21851, NO, 0, 0, 0
212.5, -2.30489, 0.969971, NO, 0, 0, 0
216.636, -2.09294, 0.28467, NO, 0, 0, 0
218.271, -2.05134, 0.150164, NO, 0, 0, 0
230.974, -2.05134, 0.150164, NO, 0, 0, 0
232.609, -2.09294, 0.28467, NO, 0, 0, 0
237.5, -2.34358, 1.09507, NO, 0, 0, 0
245.106, -2.73335, 2.35532, NO, 0, 0, 0
246.741, -2.77495, 2.48983, NO, 0, 0, 0
254.013, -2.77495, 2.48983, NO, 0, 0, 0
255.648, -2.73335, 2.35532, NO, 0, 0, 0
262.5, -2.38222, 1.22, NO, 0, 0, 0
264, -2.30535, 0.971462, NO, 0, 0, 0
NAME=W3-7R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
211, 2.40031, 1.27851, NO, 0, 0, 0
212.5, 2.32344, 1.02997, NO, 0, 0, 0
216.998, 2.09295, 0.284689, NO, 0, 0, 0
218.633, 2.05135, 0.150184, NO, 0, 0, 0
230.612, 2.05135, 0.150184, NO, 0, 0, 0
232.247, 2.09295, 0.284689, NO, 0, 0, 0
237.5, 2.36213, 1.15507, NO, 0, 0, 0
245.468, 2.77045, 2.4753, NO, 0, 0, 0
247.103, 2.81205, 2.60981, NO, 0, 0, 0
253.651, 2.81205, 2.60981, NO, 0, 0, 0
255.286, 2.77045, 2.4753, NO, 0, 0, 0
262.5, 2.40077, 1.28, NO, 0, 0, 0
264, 2.32391, 1.03146, NO, 0, 0, 0
NAME=W3-BL, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
161, -2.38176, 1.21851, NO, 0, 0, 0
162.5, -2.30489, 0.969971, NO, 0, 0, 0
166.636, -2.09294, 0.28467, NO, 0, 0, 0
168.271, -2.05134, 0.150164, NO, 0, 0, 0
180.974, -2.05134, 0.150164, NO, 0, 0, 0
182.609, -2.09294, 0.28467, NO, 0, 0, 0
187.5, -2.34358, 1.09507, NO, 0, 0, 0
195.106, -2.73335, 2.35532, NO, 0, 0, 0
196.741, -2.77495, 2.48983, NO, 0, 0, 0
204.013, -2.77495, 2.48983, NO, 0, 0, 0
205.648, -2.73335, 2.35532, NO, 0, 0, 0
212.5, -2.38222, 1.22, NO, 0, 0, 0
214, -2.30535, 0.971462, NO, 0, 0, 0
NAME=W3-BR, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
161, 2.40031, 1.27851, NO, 0, 0, 0
162.5, 2.32344, 1.02997, NO, 0, 0, 0
166.998, 2.09295, 0.284689, NO, 0, 0, 0
168.633, 2.05135, 0.150184, NO, 0, 0, 0

PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역			
	Company	(주)풍우기술단	Client
	Author	부설연구소	File Name
논산원로			

180.612, 2.05135, 0.150184, NO, 0, 0, 0
182.247, 2.09295, 0.284689, NO, 0, 0, 0
187.5, 2.36213, 1.15507, NO, 0, 0, 0
195.468, 2.77045, 2.4753, NO, 0, 0, 0
197.103, 2.81205, 2.60981, NO, 0, 0, 0
203.651, 2.81205, 2.60981, NO, 0, 0, 0
205.286, 2.77045, 2.4753, NO, 0, 0, 0
212.5, 2.40077, 1.28, NO, 0, 0, 0
214, 2.32391, 1.03146, NO, 0, 0, 0
NAME=W3-GL, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
111, -2.38176, 1.21851, NO, 0, 0, 0
112.5, -2.30489, 0.969971, NO, 0, 0, 0
116.636, -2.09294, 0.28467, NO, 0, 0, 0
118.271, -2.05134, 0.150164, NO, 0, 0, 0
130.974, -2.05134, 0.150164, NO, 0, 0, 0
132.609, -2.09294, 0.28467, NO, 0, 0, 0
137.5, -2.34358, 1.09507, NO, 0, 0, 0
145.106, -2.73335, 2.35532, NO, 0, 0, 0
146.741, -2.77495, 2.48983, NO, 0, 0, 0
154.013, -2.77495, 2.48983, NO, 0, 0, 0
155.648, -2.73335, 2.35532, NO, 0, 0, 0
162.5, -2.38222, 1.22, NO, 0, 0, 0
164, -2.30535, 0.971462, NO, 0, 0, 0
NAME=W3-GR, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
111, 2.40031, 1.27851, NO, 0, 0, 0
112.5, 2.32344, 1.02997, NO, 0, 0, 0
116.998, 2.09295, 0.284689, NO, 0, 0, 0
118.633, 2.05135, 0.150184, NO, 0, 0, 0
130.612, 2.05135, 0.150184, NO, 0, 0, 0
132.247, 2.09295, 0.284689, NO, 0, 0, 0
137.5, 2.36213, 1.15507, NO, 0, 0, 0
145.468, 2.77045, 2.4753, NO, 0, 0, 0
147.103, 2.81205, 2.60981, NO, 0, 0, 0
153.651, 2.81205, 2.60981, NO, 0, 0, 0
155.286, 2.77045, 2.4753, NO, 0, 0, 0
162.5, 2.40077, 1.28, NO, 0, 0, 0
164, 2.32391, 1.03146, NO, 0, 0, 0
NAME=W4-10L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
36, -2.26672, 0.84656, NO, 0, 0, 0
37.5, -2.34359, 1.0951, NO, 0, 0, 0
44.201, -2.68698, 2.2054, NO, 0, 0, 0
45.8356, -2.72858, 2.3398, NO, 0, 0, 0
52.6554, -2.72858, 2.3399, NO, 0, 0, 0
54.29, -2.68698, 2.2054, NO, 0, 0, 0
62.5, -2.26626, 0.845068, NO, 0, 0, 0
65.882, -2.09295, 0.284699, NO, 0, 0, 0
67.5166, -2.05135, 0.150193, NO, 0, 0, 0

PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역			
	Company	(주)풍우기술단	Client
	Author	부설연구소	File Name
논산원로			

81.7294, -2.05135, 0.150193, NO, 0, 0, 0
83.364, -2.09295, 0.284699, NO, 0, 0, 0
87.5, -2.30489, 0.97, NO, 0, 0, 0
89, -2.38176, 1.21854, NO, 0, 0, 0
NAME=W4-10R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
36, 2.28528, 0.90656, NO, 0, 0, 0
37.5, 2.36214, 1.1551, NO, 0, 0, 0
44.563, 2.72409, 2.32538, NO, 0, 0, 0
46.1976, 2.76569, 2.45988, NO, 0, 0, 0
52.2934, 2.76569, 2.45988, NO, 0, 0, 0
53.928, 2.72409, 2.32538, NO, 0, 0, 0
62.5, 2.28482, 0.905086, NO, 0, 0, 0
66.244, 2.09295, 0.284718, NO, 0, 0, 0
67.8786, 2.05135, 0.150213, NO, 0, 0, 0
81.3674, 2.05135, 0.150213, NO, 0, 0, 0
83.002, 2.09295, 0.284718, NO, 0, 0, 0
87.5, 2.32345, 1.03, NO, 0, 0, 0
89, 2.40032, 1.27854, NO, 0, 0, 0
NAME=W4-11L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
0.16, -2.32686, 1.041, NO, 0, 0, 0
3.84847, -2.10716, 0.330649, NO, 0, 0, 0
5.74, -2.05133, 0.150125, NO, 0, 0, 0
12.5, -2.05133, 0.150125, NO, 0, 0, 0
32.4834, -2.05133, 0.150125, NO, 0, 0, 0
34.118, -2.09293, 0.28463, NO, 0, 0, 0
37.5, -2.26624, 0.845, NO, 0, 0, 0
39, -2.3431, 1.09354, NO, 0, 0, 0
NAME=W4-11R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
0.16, 2.34974, 1.115, NO, 0, 0, 0
4.23247, 2.10717, 0.330669, NO, 0, 0, 0
6.124, 2.05133, 0.150144, NO, 0, 0, 0
12.5, 2.05133, 0.150144, NO, 0, 0, 0
32.1214, 2.05133, 0.150144, NO, 0, 0, 0
33.756, 2.09293, 0.28465, NO, 0, 0, 0
37.5, 2.28479, 0.905, NO, 0, 0, 0
39, 2.36166, 1.15354, NO, 0, 0, 0
NAME=W4-1L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
486, -2.26666, 0.846366, NO, 0, 0, 0
487.5, -2.34353, 1.0949, NO, 0, 0, 0
494.201, -2.68692, 2.2052, NO, 0, 0, 0
495.836, -2.72852, 2.33971, NO, 0, 0, 0
502.655, -2.72852, 2.33971, NO, 0, 0, 0
504.29, -2.68692, 2.2052, NO, 0, 0, 0
512.5, -2.2662, 0.844875, NO, 0, 0, 0

PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역			
	Company	(주)풍우기술단	Client
	Author	부설연구소	File Name
논산원로			

515.882, -2.09289, 0.284506, NO, 0, 0, 0
517.517, -2.05129, 0.15, NO, 0, 0, 0
537.5, -2.05129, 0.15, NO, 0, 0, 0
544.26, -2.05129, 0.15, NO, 0, 0, 0
546.152, -2.10712, 0.330525, NO, 0, 0, 0
549.84, -2.32687, 1.04104, NO, 0, 0, 0
NAME=W4-1R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
486, 2.28521, 0.906347, NO, 0, 0, 0
487.5, 2.36208, 1.15488, NO, 0, 0, 0
494.563, 2.72402, 2.32517, NO, 0, 0, 0
496.198, 2.76562, 2.45967, NO, 0, 0, 0
502.293, 2.76562, 2.45967, NO, 0, 0, 0
503.928, 2.72402, 2.32517, NO, 0, 0, 0
512.5, 2.28475, 0.904656, NO, 0, 0, 0
516.244, 2.09289, 0.284506, NO, 0, 0, 0
517.879, 2.05129, 0.15, NO, 0, 0, 0
537.5, 2.05129, 0.15, NO, 0, 0, 0
543.876, 2.05129, 0.15, NO, 0, 0, 0
545.768, 2.10712, 0.330525, NO, 0, 0, 0
549.84, 2.34974, 1.11501, NO, 0, 0, 0
NAME=W4-2L, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
LF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
436, -2.22806, 0.72156, NO, 0, 0, 0
437.5, -2.30493, 0.970097, NO, 0, 0, 0
444.955, -2.68696, 2.20533, NO, 0, 0, 0
446.59, -2.72856, 2.33984, NO, 0, 0, 0
452.655, -2.72856, 2.33984, NO, 0, 0, 0
454.29, -2.68696, 2.20533, NO, 0, 0, 0
462.5, -2.26624, 0.845, NO, 0, 0, 0
465.882, -2.09293, 0.28463, NO, 0, 0, 0
467.517, -2.05133, 0.150125, NO, 0, 0, 0
482.483, -2.05133, 0.150125, NO, 0, 0, 0
484.118, -2.09293, 0.28463, NO, 0, 0, 0
487.5, -2.26624, 0.845, NO, 0, 0, 0
489, -2.3431, 1.09354, NO, 0, 0, 0
NAME=W4-2R, SWPC7B(WEB), 11o142, 0, 0, SPLINE, 3D
RF, AUTO1, . . , NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, -3
436, 2.24662, 0.78156, NO, 0, 0, 0
437.5, 2.32348, 1.0301, NO, 0, 0, 0
445.317, 2.72406, 2.32531, NO, 0, 0, 0
446.952, 2.76566, 2.45982, NO, 0, 0, 0
452.293, 2.76566, 2.45982, NO, 0, 0, 0
453.928, 2.72406, 2.32531, NO, 0, 0, 0
462.5, 2.28479, 0.905, NO, 0, 0, 0
466.244, 2.09293, 0.28465, NO, 0, 0, 0
467.879, 2.05133, 0.150144, NO, 0, 0, 0
482.121, 2.05133, 0.150144, NO, 0, 0, 0
483.756, 2.09293, 0.28465, NO, 0, 0, 0
487.5, 2.28479, 0.905, NO, 0, 0, 0

PROJECT TITLE : 논산천안 1종시설풍경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천교

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PROJECT TITLE : 논산천안 1중시설풍 경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천교

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PROJECT TITLE : 논산천안 1종시설물 정밀안전진단 용역				
	Company	(주) 동우기술단	Client	
	Author	부설연구소	File Name	논산천교

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PROJECT TITLE : 논산천안 1층시설물 경밀안전전단 용역				
	Company	(주) 동우기술단	Client	
	Author	부설연구소	File Name	논산천교

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PROJECT TITLE : 논산천안 1종시설풍경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천교

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PROJECT TITLE : 논산철안 :중식시설물 경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산철교

[illegible]

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PROJECT TITLE : 논산천안 1종시설물 경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천교

[illegible]

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PROJECT TITLE : 논산천안 1종시설물 경밀안정전단 용역			
	Company	(주) 동우기술단	Client
	Author	부설연구소	File Name 논산천교

T02N-1	FORCE	BEGIN	995	0	0	P5 (1st)
T01R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T02R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T03R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T04R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T05R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T06R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T07R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T08R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T09R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T10R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T11R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T12R-2	FORCE	BEGIN	995	0	0	P5 (1st)
T01R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T02R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T03R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T04R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T05R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T06R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T07R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T08R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T09R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T10R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T11R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T12R-3	FORCE	BEGIN	995	0	0	P5 (1st)
T01R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T02R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T03R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T04R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T05R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T06R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T07R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T08R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T09R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T10R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T11R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T12R-4	FORCE	BEGIN	995	0	0	P5 (1st)
T01R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T02R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T03R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T04R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T05R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T06R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T07R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T08R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T09R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T10R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T11R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T12R-5	FORCE	BEGIN	995	0	0	P5 (1st)
T01R-6	FORCE	BEGIN	995	0	0	P5 (1st)
T02R-6	FORCE	BEGIN	995	0	0	P5 (1st)
T03R-6	FORCE	BEGIN	995	0	0	P5 (1st)
T04R-6	FORCE	BEGIN	995	0	0	P5 (1st)
T05R-6	FORCE	BEGIN	995	0	0	P5 (1st)
T06R-6	FORCE	BEGIN	995	0	0	P5 (1st)
T07R-6	FORCE	BEGIN	995	0	0	P5 (1st)

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PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역				
	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	논산원로

B16-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B17-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B18-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B19-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B20-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B21-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B22-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B23-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B24-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B25-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B26-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B27-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B28-11, FORCE, BEGIN, 995, 0, 0, PS(1st)
B13-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B14-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B15-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B16-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B17-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B18-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B19-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B20-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B21-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B22-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B23-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B24-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B25-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B26-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B27-12, FORCE, BEGIN, 995, 0, 0, PS(1st)
B28-12, FORCE, BEGIN, 995, 0, 0, PS(1st)

: End of data for load case [PS(1st order)] -----

*USE-STLD, PS(2nd order)

*TON-PRESTRESS : Tendon Prestress Loads

: TON-NAME, FORCE/STRESS, JACKING, BEGIN, END, IROUTING, GROUP
W2-1L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-1R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W4-1L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W4-1R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-1L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-1R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-1L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-1R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-2L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-2R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-2L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-2R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-2L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-2R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W4-2L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W4-2R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-3L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-3R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-3L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-3R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)

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MIDAS

PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역				
	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	논산원로

W2-3L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-3R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-4L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-5L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-6L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-7L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-8L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-9L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-4R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-5R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-6R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-7R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-8R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-9R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-4L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-5L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-6L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-7L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-8L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-9L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-4R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-5R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-6R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-7R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-8R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-9R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-4L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-5L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-6L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-7L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-8L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-9L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-4R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-5R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-6R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-7R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-8R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-9R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-10L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-10R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-10L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-10R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-10L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-10R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W4-10R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W4-10L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-11L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W1-11R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-11L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W3-11R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-11L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W2-11R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W4-11L, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)
W4-11R, FORCE, BEGIN, 4394.02, 0, 0, PS(2nd)

: End of data for load case [PS(2nd order)] -----

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MIDAS

PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역				
	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	논산원로

*USE-STLD, Global Temp(+)

*ELTEMPER : Element Temperatures

: ELEM_LIST, TEMPER, GROUP

1, 15, Global Temp(+)
2, 15, Global Temp(+)
3, 15, Global Temp(+)
4, 15, Global Temp(+)
5, 15, Global Temp(+)
6, 15, Global Temp(+)
7, 15, Global Temp(+)
8, 15, Global Temp(+)
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10, 15, Global Temp(+)
11, 15, Global Temp(+)
12, 15, Global Temp(+)
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35, 15, Global Temp(+)
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39, 15, Global Temp(+)
40, 15, Global Temp(+)
41, 15, Global Temp(+)
42, 15, Global Temp(+)
43, 15, Global Temp(+)
44, 15, Global Temp(+)
45, 15, Global Temp(+)
46, 15, Global Temp(+)
47, 15, Global Temp(+)
48, 15, Global Temp(+)
49, 15, Global Temp(+)
50, 15, Global Temp(+)
51, 15, Global Temp(+)

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PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역				
	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	논산원로

52, 15, Global Temp(+)
53, 15, Global Temp(+)
54, 15, Global Temp(+)
55, 15, Global Temp(+)
56, 15, Global Temp(+)
57, 15, Global Temp(+)
58, 15, Global Temp(+)
59, 15, Global Temp(+)
60, 15, Global Temp(+)
61, 15, Global Temp(+)
62, 15, Global Temp(+)
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97, 15, Global Temp(+)
98, 15, Global Temp(+)
99, 15, Global Temp(+)
100, 15, Global Temp(+)
101, 15, Global Temp(+)
102, 15, Global Temp(+)
103, 15, Global Temp(+)
104, 15, Global Temp(+)
105, 15, Global Temp(+)
106, 15, Global Temp(+)
107, 15, Global Temp(+)

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PROJECT TITLE : 논산천안 1종시설물 경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설현구조	File Name
			논산천교

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PROJECT TITLE : 논산천안 1중시설부 경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천교

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PROJECT TITLE : 논산천안 1종시설물 정밀안전진단 용역				
	Company	(주) 동우기술단	Client	
	Author	부설연구소	File Name	논산천교

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PROJECT TITLE : 논산천안 1종시설물 정밀안전진단 용역				
	Company	(주) 동우기술단	Client	
	Author	부실연구소	File Name	논산천교

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PROJECT TITLE : 논산천안 1종시설풍경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천교

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PROJECT TITLE : 논산천안 1종시설물 경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 논산천교

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PROJECT TITLE : 논산천안 : 풍시설물 정밀안전진단 용역				
	Company	(주) 동우기술단	Client	
	Author	부설연구소	File Name	논산천교

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PROJECT TITLE : 논산천안 :중시시설 경밀안전진단 용역			
	Company	(주) 동우기술단	Client
	Author	부설연구소	File Name 논산천교

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MIDAS

PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역

MIDAS	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원료

92, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
93, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
94, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
95, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
96, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
97, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
98, LZ, Top, 1, Temp Grad(-), YES
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99, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
100, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
101, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
102, LZ, Top, 1, Temp Grad(-), YES
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103, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
104, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
105, LZ, Top, 1, Temp Grad(-), YES
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106, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
107, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
108, LZ, Top, 1, Temp Grad(-), YES
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109, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
110, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
111, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
112, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
113, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
114, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
115, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
116, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
117, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
118, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
119, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0

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MIDAS

PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역

MIDAS	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원료

120, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
121, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
122, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
123, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
124, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
125, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
126, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
127, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
128, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
129, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
130, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
131, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
132, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
133, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
134, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
135, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
136, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
137, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
138, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
139, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
140, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
141, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0
142, LZ, Top, 1, Temp Grad(-), YES
ELEMENT, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, -5, 0

: End of data for load case [Temp Grad(-)] -----

*STAGE : Define Construction Stage
: NAME=NAME, DURATION, bSAVESTAGE, bSAVETEST : line 1
: STEP=DAY1, DAY2, ... : line 2
: AELEM=GROUP1, AGE1, GROUP2, AGE2, ... : line 3
: DELEM=GROUP1, REDIST1, GROUP2, REDIST2, ... : line 4
: ABNDR=BGROUP1, POS1, BGROUP2, POS2, ... : line 5
: DENDR=BGROUP1, BGROUP2, ... : line 6

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MIDAS

PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역

MIDAS	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원료

: ALOAD=LGROUP1, DAY1, LGROUP2, DAY2, ... : line 7
: DLOAD=LGROUP1, DAY1, LGROUP2, DAY2, ... : line 8
NAME=C.Finish, 300, YES, NO
AELEM=SEG01, 3, SEG02, 3, SEG03, 3, SEG04, 3, SEG05, 3, SEG06, 3, SEG07, 3, SEG08, 3
SEG09, 3, SEG10, 3, SEG11, 3, SEG12, 3, SEG13, 3, SEG14, 3, SEG15, 3
SEG16, 3, SEG17, 3, SEG18, 3, SEG19, 3, SEG20, 3, SEG21, 3, SEG22, 3
SEG23, 3
ABNDR=[S]MOVE, DEFORMED, [S]FIX, DEFORMED
ALOAD=SELFWEIGHT, FIRST, PS(1st), FIRST, PS(2nd), FIRST
NAME=Final, 10000, YES, NO
ALOAD=Pavement, FIRST, Guardwall, FIRST

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

*LINELANE : Traffic Line Lanes
: NAME=NAME, LDIST, GROUP, SKEWS, SKEWE, MOVING, LW, WS : line 1
: IELEM1, ECC1, FACT1, bSPAN1, ... : from line 2
NAME=만재하(L1), LANE, , 0, 0, FORWARD, 3, 1, 8
1, -3.6, 0.166667, YES, 2, -3.6, 0.166667, NO
3, -3.6, 0.166667, NO, 4, -3.6, 0.166667, NO
5, -3.6, 0.166667, NO, 6, -3.6, 0.166667, NO
7, -3.6, 0.166667, NO, 8, -3.6, 0.166667, NO
9, -3.6, 0.166667, NO, 10, -3.6, 0.166667, NO
11, -3.6, 0.166667, NO, 12, -3.6, 0.166667, NO
13, -3.6, 0.166667, YES, 14, -3.6, 0.166667, NO
15, -3.6, 0.166667, NO, 16, -3.6, 0.166667, NO
17, -3.6, 0.166667, NO, 18, -3.6, 0.166667, NO
19, -3.6, 0.166667, NO, 20, -3.6, 0.166667, NO
21, -3.6, 0.166667, NO, 22, -3.6, 0.166667, NO
23, -3.6, 0.166667, NO, 24, -3.6, 0.166667, NO
25, -3.6, 0.166667, NO, 26, -3.6, 0.166667, YES
27, -3.6, 0.166667, NO, 28, -3.6, 0.166667, NO
29, -3.6, 0.166667, NO, 30, -3.6, 0.166667, NO
31, -3.6, 0.166667, NO, 32, -3.6, 0.166667, NO
33, -3.6, 0.166667, NO, 34, -3.6, 0.166667, NO
35, -3.6, 0.166667, NO, 36, -3.6, 0.166667, NO
37, -3.6, 0.166667, NO, 38, -3.6, 0.166667, NO
39, -3.6, 0.166667, YES, 40, -3.6, 0.166667, NO
41, -3.6, 0.166667, NO, 42, -3.6, 0.166667, NO
43, -3.6, 0.166667, NO, 44, -3.6, 0.166667, NO
45, -3.6, 0.166667, NO, 46, -3.6, 0.166667, NO
47, -3.6, 0.166667, NO, 48, -3.6, 0.166667, NO
49, -3.6, 0.166667, NO, 50, -3.6, 0.166667, NO
51, -3.6, 0.166667, NO, 52, -3.6, 0.166667, YES
53, -3.6, 0.166667, NO, 54, -3.6, 0.166667, NO
55, -3.6, 0.166667, NO, 56, -3.6, 0.166667, NO
57, -3.6, 0.166667, NO, 58, -3.6, 0.166667, NO
59, -3.6, 0.166667, NO, 60, -3.6, 0.166667, NO
61, -3.6, 0.166667, NO, 62, -3.6, 0.166667, NO
63, -3.6, 0.166667, NO, 64, -3.6, 0.166667, NO
65, -3.6, 0.166667, YES, 66, -3.6, 0.166667, NO
67, -3.6, 0.166667, NO, 68, -3.6, 0.166667, NO
69, -3.6, 0.166667, NO, 70, -3.6, 0.166667, NO
71, -3.6, 0.166667, NO, 72, -3.6, 0.166667, NO

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MIDAS

PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역

MIDAS	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산원료

73, -3.6, 0.166667, NO, 74, -3.6, 0.166667, NO
75, -3.6, 0.166667, NO, 76, -3.6, 0.166667, NO
77, -3.6, 0.166667, NO, 78, -3.6, 0.166667, YES
79, -3.6, 0.166667, NO, 80, -3.6, 0.166667, NO
81, -3.6, 0.166667, NO, 82, -3.6, 0.166667, NO
83, -3.6, 0.166667, NO, 84, -3.6, 0.166667, NO
85, -3.6, 0.166667, NO, 86, -3.6, 0.166667, NO
87, -3.6, 0.166667, NO, 88, -3.6, 0.166667, NO
89, -3.6, 0.166667, NO, 90, -3.6, 0.166667, NO
91, -3.6, 0.166667, YES, 92, -3.6, 0.166667, NO
93, -3.6, 0.166667, NO, 94, -3.6, 0.166667, NO
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97, -3.6, 0.166667, NO, 98, -3.6, 0.166667, NO
99, -3.6, 0.166667, NO, 100, -3.6, 0.166667, NO
101, -3.6, 0.166667, NO, 102, -3.6, 0.166667, NO
103, -3.6, 0.166667, NO, 104, -3.6, 0.166667, YES
105, -3.6, 0.166667, NO, 106, -3.6, 0.166667, NO
107, -3.6, 0.166667, NO, 108, -3.6, 0.166667, NO
109, -3.6, 0.166667, NO, 110, -3.6, 0.166667, NO
111, -3.6, 0.166667, NO, 112, -3.6, 0.166667, NO
113, -3.6, 0.166667, NO, 114, -3.6, 0.166667, NO
115, -3.6, 0.166667, NO, 116, -3.6, 0.166667, NO
117, -3.6, 0.166667, YES, 118, -3.6, 0.166667, NO
119, -3.6, 0.166667, NO, 120, -3.6, 0.166667, NO
121, -3.6, 0.166667, NO, 122, -3.6, 0.166667, NO
123, -3.6, 0.166667, NO, 124, -3.6, 0.166667, NO
125, -3.6, 0.166667, NO, 126, -3.6, 0.166667, NO
127, -3.6, 0.166667, NO, 128, -3.6, 0.166667, NO
129, -3.6, 0.166667, NO, 130, -3.6, 0.166667, YES
131, -3.6, 0.166667, NO, 132, -3.6, 0.166667, NO
133, -3.6, 0.166667, NO, 134, -3.6, 0.166667, NO
135, -3.6, 0.166667, NO, 136, -3.6, 0.166667, NO
137, -3.6, 0.166667, NO, 138, -3.6, 0.166667, NO
139, -3.6, 0.166667, NO, 140, -3.6, 0.166667, NO
141, -3.6, 0.166667, NO, 142, -3.6, 0.166667, NO
NAME=만재하(L2), LANE, , 0, 0, FORWARD, 3, 1, 8
1, 0, 0.166667, YES, 2, 0, 0.166667, NO, 3, 0, 0.166667, NO
4, 0, 0.166667, NO, 5, 0, 0.166667, NO, 6, 0, 0.166667, NO
7, 0, 0.166667, NO, 8, 0, 0.166667, NO, 9, 0, 0.166667, NO
10, 0, 0.166667, NO, 11, 0, 0.166667, NO, 12, 0, 0.166667, NO
13, 0, 0.166667, YES, 14, 0, 0.166667, NO, 15, 0, 0.166667, NO
16, 0, 0.166667, NO, 17, 0, 0.166667, NO, 18, 0, 0.166667, NO
19, 0, 0.166667, NO, 20, 0, 0.166667, NO, 21, 0, 0.166667, NO
22, 0, 0.166667, NO, 23, 0, 0.166667, NO, 24, 0, 0.166667, NO
25, 0, 0.166667, NO, 26, 0, 0.166667, YES, 27, 0, 0.166667, NO
28, 0, 0.166667, NO, 29, 0, 0.166667, NO, 30, 0, 0.166667, NO
31, 0, 0.166667, NO, 32, 0, 0.166667, NO, 33, 0, 0.166667, NO
34, 0, 0.166667, NO, 35, 0, 0.166667, NO, 36, 0, 0.166667, NO
37, 0, 0.166667, NO, 38, 0, 0.166667, NO, 39, 0, 0.166667, YES
40, 0, 0.166667, NO, 41, 0, 0.166667, NO, 42, 0, 0.166667, NO
43, 0, 0.166667, NO, 44, 0, 0.166667, NO, 45, 0, 0.166667, NO
46, 0, 0.166667, NO, 47, 0, 0.166667, NO, 48, 0, 0.166667, NO
49, 0, 0.166667, NO, 50, 0, 0.166667, NO, 51, 0, 0.166667, NO
52, 0, 0.166667, YES, 53, 0, 0.166667, NO, 54, 0, 0.166667, NO
55, 0, 0.166667, NO, 56, 0, 0.166667, NO, 57, 0, 0.166667, NO
58, 0, 0.166667, NO, 59, 0, 0.166667, NO, 60, 0, 0.166667, NO

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PROJECT TITLE : 논산천안 1중시설을 경밀안전진단 용역				
Company		(주)동우기술단		
Author		부설연구소		
Client		File Name		
MIDAS		논산원로		

61. 0. 0.166667, NO, 62. 0. 0.166667, NO, 63. 0. 0.166667, NO
64. 0. 0.166667, NO, 65. 0. 0.166667, YES, 66. 0. 0.166667, NO
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70. 0. 0.166667, NO, 71. 0. 0.166667, NO, 72. 0. 0.166667, NO
73. 0. 0.166667, NO, 74. 0. 0.166667, NO, 75. 0. 0.166667, NO
76. 0. 0.166667, NO, 77. 0. 0.166667, NO, 78. 0. 0.166667, YES
79. 0. 0.166667, NO, 80. 0. 0.166667, NO, 81. 0. 0.166667, NO
82. 0. 0.166667, NO, 83. 0. 0.166667, NO, 84. 0. 0.166667, NO
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88. 0. 0.166667, NO, 89. 0. 0.166667, NO, 90. 0. 0.166667, NO
91. 0. 0.166667, YES, 92. 0. 0.166667, NO, 93. 0. 0.166667, NO
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103. 0. 0.166667, NO, 104. 0. 0.166667, YES, 105. 0. 0.166667, NO
106. 0. 0.166667, NO, 107. 0. 0.166667, NO, 108. 0. 0.166667, NO
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115. 0. 0.166667, NO, 116. 0. 0.166667, NO, 117. 0. 0.166667, YES
118. 0. 0.166667, NO, 119. 0. 0.166667, NO, 120. 0. 0.166667, NO
121. 0. 0.166667, NO, 122. 0. 0.166667, NO, 123. 0. 0.166667, NO
124. 0. 0.166667, NO, 125. 0. 0.166667, NO, 126. 0. 0.166667, NO
127. 0. 0.166667, NO, 128. 0. 0.166667, NO, 129. 0. 0.166667, NO
130. 0. 0.166667, YES, 131. 0. 0.166667, NO, 132. 0. 0.166667, NO
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136. 0. 0.166667, NO, 137. 0. 0.166667, NO, 138. 0. 0.166667, NO
139. 0. 0.166667, NO, 140. 0. 0.166667, NO, 141. 0. 0.166667, NO
142. 0. 0.166667, NO

NAME=만재하(L3), LANE, , 0, 0, FORWARD, 3, 1,8

1. 3.6. 0.166667, YES, 2. 3.6. 0.166667, NO
3. 3.6. 0.166667, NO, 4. 3.6. 0.166667, NO
5. 3.6. 0.166667, NO, 6. 3.6. 0.166667, NO
7. 3.6. 0.166667, NO, 8. 3.6. 0.166667, NO
9. 3.6. 0.166667, NO, 10. 3.6. 0.166667, NO
11. 3.6. 0.166667, NO, 12. 3.6. 0.166667, NO
13. 3.6. 0.166667, YES, 14. 3.6. 0.166667, NO
15. 3.6. 0.166667, NO, 16. 3.6. 0.166667, NO
17. 3.6. 0.166667, NO, 18. 3.6. 0.166667, NO
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25. 3.6. 0.166667, NO, 26. 3.6. 0.166667, YES
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43. 3.6. 0.166667, NO, 44. 3.6. 0.166667, NO
45. 3.6. 0.166667, NO, 46. 3.6. 0.166667, NO
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49. 3.6. 0.166667, NO, 50. 3.6. 0.166667, NO
51. 3.6. 0.166667, NO, 52. 3.6. 0.166667, YES
53. 3.6. 0.166667, NO, 54. 3.6. 0.166667, NO

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PROJECT TITLE : 논산천안 1중시설을 경밀안전진단 용역				
Company		(주)동우기술단		
Author		부설연구소		
Client		File Name		
MIDAS		논산원로		

55. 3.6. 0.166667, NO, 56. 3.6. 0.166667, NO
57. 3.6. 0.166667, NO, 58. 3.6. 0.166667, NO
59. 3.6. 0.166667, NO, 60. 3.6. 0.166667, NO
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65. 3.6. 0.166667, YES, 66. 3.6. 0.166667, NO
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73. 3.6. 0.166667, NO, 74. 3.6. 0.166667, NO
75. 3.6. 0.166667, NO, 76. 3.6. 0.166667, NO
77. 3.6. 0.166667, NO, 78. 3.6. 0.166667, YES
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87. 3.6. 0.166667, NO, 88. 3.6. 0.166667, NO
89. 3.6. 0.166667, NO, 90. 3.6. 0.166667, NO
91. 3.6. 0.166667, YES, 92. 3.6. 0.166667, NO
93. 3.6. 0.166667, NO, 94. 3.6. 0.166667, NO
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129. 3.6. 0.166667, NO, 130. 3.6. 0.166667, YES
131. 3.6. 0.166667, NO, 132. 3.6. 0.166667, NO
133. 3.6. 0.166667, NO, 134. 3.6. 0.166667, NO
135. 3.6. 0.166667, NO, 136. 3.6. 0.166667, NO
137. 3.6. 0.166667, NO, 138. 3.6. 0.166667, NO
139. 3.6. 0.166667, NO, 140. 3.6. 0.166667, NO
141. 3.6. 0.166667, NO, 142. 3.6. 0.166667, NO

NAME=편재하(L1), LANE, , 0, 0, FORWARD, 3, 1,8

1. -4.1225, 0.166667, YES, 2. -4.1225, 0.166667, NO
3. -4.1225, 0.166667, NO, 4. -4.1225, 0.166667, NO
5. -4.1225, 0.166667, NO, 6. -4.1225, 0.166667, NO
7. -4.1225, 0.166667, NO, 8. -4.1225, 0.166667, NO
9. -4.1225, 0.166667, NO, 10. -4.1225, 0.166667, NO
11. -4.1225, 0.166667, NO, 12. -4.1225, 0.166667, NO
13. -4.1225, 0.166667, YES, 14. -4.1225, 0.166667, NO
15. -4.1225, 0.166667, NO, 16. -4.1225, 0.166667, NO
17. -4.1225, 0.166667, NO, 18. -4.1225, 0.166667, NO
19. -4.1225, 0.166667, NO, 20. -4.1225, 0.166667, NO
21. -4.1225, 0.166667, NO, 22. -4.1225, 0.166667, NO

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PROJECT TITLE : 논산천안 1중시설을 경밀안전진단 용역				
Company		(주)동우기술단		
Author		부설연구소		
Client		File Name		
MIDAS		논산원로		

23. -4.1225, 0.166667, NO, 24. -4.1225, 0.166667, NO
25. -4.1225, 0.166667, NO, 26. -4.1225, 0.166667, YES
27. -4.1225, 0.166667, NO, 28. -4.1225, 0.166667, NO
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73. -4.1225, 0.166667, NO, 74. -4.1225, 0.166667, NO
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77. -4.1225, 0.166667, NO, 78. -4.1225, 0.166667, YES
79. -4.1225, 0.166667, NO, 80. -4.1225, 0.166667, NO
81. -4.1225, 0.166667, NO, 82. -4.1225, 0.166667, NO
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91. -4.1225, 0.166667, YES, 92. -4.1225, 0.166667, NO
93. -4.1225, 0.166667, NO, 94. -4.1225, 0.166667, NO
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99. -4.1225, 0.166667, NO, 100. -4.1225, 0.166667, NO
101. -4.1225, 0.166667, NO, 102. -4.1225, 0.166667, NO
103. -4.1225, 0.166667, NO, 104. -4.1225, 0.166667, YES
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107. -4.1225, 0.166667, NO, 108. -4.1225, 0.166667, NO
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117. -4.1225, 0.166667, YES, 118. -4.1225, 0.166667, NO
119. -4.1225, 0.166667, NO, 120. -4.1225, 0.166667, NO
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133. -4.1225, 0.166667, NO, 134. -4.1225, 0.166667, NO

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PROJECT TITLE : 논산천안 1중시설을 경밀안전진단 용역				
Company		(주)동우기술단		
Author		부설연구소		
Client		File Name		
MIDAS		논산원로		

135. -4.1225, 0.166667, NO, 136. -4.1225, 0.166667, NO
137. -4.1225, 0.166667, NO, 138. -4.1225, 0.166667, NO
139. -4.1225, 0.166667, NO, 140. -4.1225, 0.166667, NO
141. -4.1225, 0.166667, NO, 142. -4.1225, 0.166667, NO
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3. -0.5225, 0.166667, NO, 4. -0.5225, 0.166667, NO
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13. -0.5225, 0.166667, YES, 14. -0.5225, 0.166667, NO
15. -0.5225, 0.166667, NO, 16. -0.5225, 0.166667, NO
17. -0.5225, 0.166667, NO, 18. -0.5225, 0.166667, NO
19. -0.5225, 0.166667, NO, 20. -0.5225, 0.166667, NO
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23. -0.5225, 0.166667, NO, 24. -0.5225, 0.166667, NO
25. -0.5225, 0.166667, NO, 26. -0.5225, 0.166667, YES
27. -0.5225, 0.166667, NO, 28. -0.5225, 0.166667, NO
29. -0.5225, 0.166667, NO, 30. -0.5225, 0.166667, NO
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63. -0.5225, 0.166667, NO, 64. -0.5225, 0.166667, NO
65. -0.5225, 0.166667, YES, 66. -0.5225, 0.166667, NO
67. -0.5225, 0.166667, NO, 68. -0.5225, 0.166667, NO
69. -0.5225, 0.166667, NO, 70. -0.5225, 0.166667, NO
71. -0.5225, 0.166667, NO, 72. -0.5225, 0.166667, NO
73. -0.5225, 0.166667, NO, 74. -0.5225, 0.166667, NO
75. -0.5225, 0.166667, NO, 76. -0.5225, 0.166667, NO
77. -0.5225, 0.166667, NO, 78. -0.5225, 0.166667, YES
79. -0.5225, 0.166667, NO, 80. -0.5225, 0.166667, NO
81. -0.5225, 0.166667, NO, 82. -0.5225, 0.166667, NO
83. -0.5225, 0.166667, NO, 84. -0.5225, 0.166667, NO
85. -0.522

PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역				
Company		(주)동우기술단	Client	
MIDAS				
Author		부설연구소	File Name	논산원료

103, -0.5225, 0.166667, NO, 104, -0.5225, 0.166667, YES
105, -0.5225, 0.166667, NO, 106, -0.5225, 0.166667, NO
107, -0.5225, 0.166667, NO, 108, -0.5225, 0.166667, NO
109, -0.5225, 0.166667, NO, 110, -0.5225, 0.166667, NO
111, -0.5225, 0.166667, NO, 112, -0.5225, 0.166667, NO
113, -0.5225, 0.166667, NO, 114, -0.5225, 0.166667, NO
115, -0.5225, 0.166667, NO, 116, -0.5225, 0.166667, NO
117, -0.5225, 0.166667, YES, 118, -0.5225, 0.166667, NO
119, -0.5225, 0.166667, NO, 120, -0.5225, 0.166667, NO
121, -0.5225, 0.166667, NO, 122, -0.5225, 0.166667, NO
123, -0.5225, 0.166667, NO, 124, -0.5225, 0.166667, NO
125, -0.5225, 0.166667, NO, 126, -0.5225, 0.166667, NO
127, -0.5225, 0.166667, NO, 128, -0.5225, 0.166667, NO
129, -0.5225, 0.166667, NO, 130, -0.5225, 0.166667, YES
131, -0.5225, 0.166667, NO, 132, -0.5225, 0.166667, NO
133, -0.5225, 0.166667, NO, 134, -0.5225, 0.166667, NO
135, -0.5225, 0.166667, NO, 136, -0.5225, 0.166667, NO
137, -0.5225, 0.166667, NO, 138, -0.5225, 0.166667, NO
139, -0.5225, 0.166667, NO, 140, -0.5225, 0.166667, NO
141, -0.5225, 0.166667, NO, 142, -0.5225, 0.166667, NO
NAME=편차하(L3), LANE, , 0, 0, FORWARD, 3, 1.8
1, 3.0775, 0.166667, YES, 2, 3.0775, 0.166667, NO
3, 3.0775, 0.166667, NO, 4, 3.0775, 0.166667, NO
5, 3.0775, 0.166667, NO, 6, 3.0775, 0.166667, NO
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23, 3.0775, 0.166667, NO, 24, 3.0775, 0.166667, NO
25, 3.0775, 0.166667, NO, 26, 3.0775, 0.166667, YES
27, 3.0775, 0.166667, NO, 28, 3.0775, 0.166667, NO
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67, 3.0775, 0.166667, NO, 68, 3.0775, 0.166667, NO
69, 3.0775, 0.166667, NO, 70, 3.0775, 0.166667, NO

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PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역				
Company		(주)동우기술단	Client	
MIDAS				
Author		부설연구소	File Name	논산원료

71, 3.0775, 0.166667, NO, 72, 3.0775, 0.166667, NO
73, 3.0775, 0.166667, NO, 74, 3.0775, 0.166667, NO
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91, 3.0775, 0.166667, YES, 92, 3.0775, 0.166667, NO
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133, 3.0775, 0.166667, NO, 134, 3.0775, 0.166667, NO
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137, 3.0775, 0.166667, NO, 138, 3.0775, 0.166667, NO
139, 3.0775, 0.166667, NO, 140, 3.0775, 0.166667, NO
141, 3.0775, 0.166667, NO, 142, 3.0775, 0.166667, NO

*LSUPPORT : Lane Supports - Negative Moments at Interior Piers
: ITYPE, ELEM_LIST, POSITION : (When ITYPE=0)
: ITYPE, GRUP-NAME : (When ITYPE=1)
0, 2 13to130by13 142, END-I
0, 1 12to129by13 141, 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, Ok, 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, DO, FO, BO, MAINCOUNT : train-type2
: [TRAIN/SUBWAY] : 4, P1, D1, P2, D2, P3, D3, P4, dD, Po, n, IFR : subway

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PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역				
Company		(주)동우기술단	Client	
MIDAS				
Author		부설연구소	File Name	논산원료

: [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, bW1b, P, D, Pb, Db, dD1, dD2, NO1ST : user: line 1
: NAME=NAME, 2, bW1b, dD1, dD2, NO1ST : 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), NO1ST, [DYNA] : user: line 1
: LOAD1, DIST1, LOAD2, DIST2, ... : user: from line 2
: [DYNA] : nDYNA, FACT1AXLE, FACT2AXLE, FACT3AXLE : Dynamic Load Allowance
: If Moving Load Code is BS
: NAME=NAME, 1, TYPE-NAME, CODE, UNITNUM : standard
: NAME=NAME, 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, [B037/01-HA], [B037/01-HB] : user(BS B037/01)
: NAME=NAME, 2, iSTYPE, W, L : user(Pedestrian)
[BS-DATA-HA] : W1, W2, W3, EXP, L1, L2, Pa
[BS-DATA-HB] : Pb, D1, D2, d, UNITNUM
: 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, bOF, 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, U1, 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, bOF, bU1, 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 : standard (SK)
: NAME=NAME, 1, ITYPE, K, nDYNAFAC, dDYNAFAC : standard (SK FATIGUE)
: NAME=NAME, 1, ITYPE, K, nDYNAFAC, dDYNAFAC : standard (AK)
: NAME=NAME, 1, ITYPE, K, nDYNAFAC, dDYNAFAC : standard (N14)
: NAME=NAME, 1, ITYPE, K, nDYNAFAC, dDYNAFAC : standard (N11)
: NAME=NAME, 1, ITYPE, nDYNAFAC, dDYNAFAC : standard (SUBWAY TRAINS)
: NAME=NAME, 1, ITYPE, nDYNAFAC, dDYNAFAC : standard (TRAMCARS)
: NAME=NAME, 1, ITYPE, nDYNAFAC, dDYNAFAC : standard (NK-80)
: NAME=NAME, 1, ITYPE, W, D, nDYNAFAC, dDYNAFAC : standard (NG-60)
: NAME=NAME, 1, ITYPE, BRIDGETYPE, W : standard (UNIFORM LOAD)
: NAME=NAME, 1, ITYPE, BRIDGETYPE, W : standard (UNIFORM LOAD(W/O OTHER LOADS))
: NAME=NAME, 1, ITYPE, BRIDGETYPE, P (W/O OTHER LOADS) : standard (CONCENTRATED LOAD
: NAME=NAME, 2, ITYPE, W, nDYNAFAC, dDYNAFAC : user (Type 1)
: NAME=NAME, 2, ITYPE, nDYNAFAC, dDYNAFAC : user (Type 2)

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: NAME=NAME, 2, ITYPE, Variable, nDYNAFAC, dDYNAFAC : user (Type 3)
: NAME=NAME, 2, ITYPE, nDYNAFAC, dDYNAFAC : user (Type 4)
: NAME=NAME, 2, ITYPE, nDYNAFAC, dDYNAFAC : user (Type 5)
: NAME=NAME, 2, ITYPE, W, D, nDYNAFAC, dDYNAFAC : user (Type 6)
: NAME=NAME, 2, ITYPE, P, W : user (Type 7)
: If Moving Load Code is KSCE-LS012
: NAME=NAME, 1, TYPE-NAME, nLANETYPE, dDYNAFAC, CODE : standard
: NAME=NAME, 2, W1 : user: line 1
: 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, SPAC1NG1, bVS1, AXLE-TYPE2, SPAC1NG2, bVS2 ... : line 2+AXLE-TYPE-NUM
: If Moving Load Code is not one of those specified above.
: NAME=NAME, 1, ITYPE-NAME, DLA, CODE : standard
: NAME=NAME, 2, bTRAIN, W(W1), PL(D1), PLM(W2), PLV(D2), NO1ST : user: line 1
: LOAD1, DIST1, LOAD2, DIST2, ... : user: from line 2
NAME=DB-24, 1, DB-24, 0, KS2005
NAME=DL-24, 1, DL-24, 0, KS2005

*MVLDCASE : Moving Load Cases
: NAME=NAME, bLCPV, SCALE1, SCALE2, SCALE3, SCALE4, SCALE5, SCALE6, COMB, DESC : 1st line
: nLTYPE, 2LFACTOR1, 2LFACTOR2, 3LFACTOR1, 3LFACTOR2, 3LFACTOR3, 3LFACTOR4 : 2st line
: TYPE1, VCLASS1, SCALE1, iMIN1, iMAX1, LANE11, LANE12, ... : 3rd line
: ...
: TYPEn, VCLASSn, SCALEn, iMINn, iMAXn, LANE1n, LANE2n, ... : n+1th line
: NAME=NAME, bLCPV, VEHICLE, REF.LANE, ECODE, SCALE, DESC : standard
: NAME=MV(만재하), NO, 1, 1, 0.9, 0.75, 0.75, 0.75, INDEPENDENT, : Permit
1, 1, 1, 1, 1, 0.5, 0.25
VL, DB-24, 1, 1, 3, 만재하(L1), 만재하(L2), 만재하(L3)
VL, DL-24, 1, 1, 3, 만재하(L1), 만재하(L2), 만재하(L3)
NAME=MV(편차하), NO, 1, 1, 0.9, 0.75, 0.75, 0.75, INDEPENDENT,
1, 1, 1, 1, 1, 0.5, 0.25
VL, DB-24, 1, 1, 3, 편차하(L1), 편차하(L2), 편차하(L3)
VL, DL-24, 1, 1, 3, 편차하(L1), 편차하(L2), 편차하(L3)

*STAGE-COLOR : Diagram Color for Construction Stage
: STAGENAME, iR(COLOR), iG(COLOR), iB(COLOR)
C.Finish, 163, 160, 255
Final, 160, 255, 255

*LOADCOMB : Combinations
: NAME=NAME, KIND, ACTIVE, bES, ITYPE, DESC, iSERV-TYPE, nCOMTYPE : line 1
: ANAL1, LCONAME1, FACT1, ... : from line 2
NAME=CASE1, GEN, ACTIVE, 0, 0, 강도검토, 0, 0
CS, Dead Load, 1.3, MV, MV(만재하), 2.15, CS, Tendon Secondary, 1
NAME=CASE2, GEN, ACTIVE, 0, 0, 강도검토, 0, 0
CS, Dead Load, 1.3, MV, MV(편차하), 2.15, CS, Tendon Secondary, 1
NAME=CASE3, GEN, ACTIVE, 0, 0, 강도검토, 0, 0
CS, Dead Load, 1.3, MV, MV(만재하), 1.3, ST, Global Temp(+), 1.3
ST, Temp Grad(+), 1.3, CS, Creep Secondary, 1.3
CS, Shrinkage Secondary, 1.3, CS, Tendon Secondary, 1
NAME=CASE4, GEN, ACTIVE, 0, 0, 강도검토, 0, 0
CS, Dead Load, 1.3, MV, MV(편차하), 1.3, ST, Global Temp(+), 1.3

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ST, Temp Grad(+), 1.3, CS, Creep Secondary, 1.3
CS, Shrinkage Secondary, 1.3, CS, Tendon Secondary, 1
NAME=CASE5, GEN, ACTIVE, 0, 0, 강도검토, 0, 0
CS, Dead Load, 1.3, MV, MV(만재하), 1.3, ST, Global Temp(+), 1.3
ST, Temp Grad(-), 1.3, CS, Creep Secondary, 1.3
CS, Shrinkage Secondary, 1.3, CS, Tendon Secondary, 1
NAME=CASE6, GEN, ACTIVE, 0, 0, 강도검토, 0, 0
CS, Dead Load, 1.3, MV, MV(만재하), 1.3, ST, Global Temp(+), 1.3
ST, Temp Grad(-), 1.3, CS, Creep Secondary, 1.3
CS, Shrinkage Secondary, 1.3, CS, Tendon Secondary, 1
NAME=CASE7, GEN, ACTIVE, 0, 0, 강도검토, 0, 0
CS, Dead Load, 1.3, MV, MV(만재하), 1.3, ST, Global Temp(-), 1.3
ST, Temp Grad(+), 1.3, CS, Creep Secondary, 1.3
CS, Shrinkage Secondary, 1.3, CS, Tendon Secondary, 1
NAME=CASE9, GEN, ACTIVE, 0, 0, 강도검토, 0, 0
CS, Dead Load, 1.3, MV, MV(만재하), 1.3, ST, Global Temp(-), 1.3
ST, Temp Grad(-), 1.3, CS, Creep Secondary, 1.3
CS, Shrinkage Secondary, 1.3, CS, Tendon Secondary, 1
NAME=CASE10, GEN, ACTIVE, 0, 0, 강도검토, 0, 0
CS, Dead Load, 1.3, MV, MV(만재하), 1.3, ST, Global Temp(-), 1.3
ST, Temp Grad(-), 1.3, CS, Creep Secondary, 1.3
CS, Shrinkage Secondary, 1.3, CS, Tendon Secondary, 1
NAME=LCB11, GEN, ACTIVE, 0, 0, 음력검토, 0, 0
MV, MV(만재하), 1, CS, Dead Load, 1, CS, Tendon Secondary, 1
CS, Tendon Primary, 1
NAME=LCB12, GEN, ACTIVE, 0, 0, 음력검토, 0, 0
MV, MV(만재하), 1, CS, Dead Load, 1, CS, Tendon Secondary, 1
CS, Tendon Primary, 1
NAME=LCB13, GEN, ACTIVE, 0, 0, 음력검토, 0, 0
ST, Global Temp(+), 1, ST, Temp Grad(+), 1, MV, MV(만재하), 1
CS, Dead Load, 1, CS, Tendon Secondary, 1, CS, Creep Secondary, 1
CS, Shrinkage Secondary, 1, CS, Tendon Primary, 1
NAME=LCB14, GEN, ACTIVE, 0, 0, 음력검토, 0, 0
ST, Global Temp(+), 1, ST, Temp Grad(+), 1, MV, MV(만재하), 1
CS, Dead Load, 1, CS, Tendon Secondary, 1, CS, Creep Secondary, 1
CS, Shrinkage Secondary, 1, CS, Tendon Primary, 1
NAME=LCB15, GEN, ACTIVE, 0, 0, 음력검토, 0, 0
ST, Global Temp(+), 1, ST, Temp Grad(-), 1, MV, MV(만재하), 1
CS, Dead Load, 1, CS, Tendon Secondary, 1, CS, Creep Secondary, 1
CS, Shrinkage Secondary, 1, CS, Tendon Primary, 1
NAME=LCB16, GEN, ACTIVE, 0, 0, 음력검토, 0, 0
ST, Global Temp(+), 1, ST, Temp Grad(-), 1, MV, MV(만재하), 1
CS, Dead Load, 1, CS, Tendon Secondary, 1, CS, Creep Secondary, 1
CS, Shrinkage Secondary, 1, CS, Tendon Primary, 1
NAME=LCB17, GEN, ACTIVE, 0, 0, 음력검토, 0, 0
ST, Global Temp(-), 1, ST, Temp Grad(+), 1, MV, MV(만재하), 1
CS, Dead Load, 1, CS, Tendon Secondary, 1, CS, Creep Secondary, 1
CS, Shrinkage Secondary, 1, CS, Tendon Primary, 1
NAME=LCB18, GEN, ACTIVE, 0, 0, 음력검토, 0, 0
ST, Global Temp(-), 1, ST, Temp Grad(+), 1, MV, MV(만재하), 1
CS, Dead Load, 1, CS, Tendon Secondary, 1, CS, Creep Secondary, 1
CS, Shrinkage Secondary, 1, CS, Tendon Primary, 1

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NAME=LCB19, GEN, ACTIVE, 0, 0, 음력검토, 0, 0
ST, Global Temp(-), 1, ST, Temp Grad(-), 1, MV, MV(만재하), 1
CS, Dead Load, 1, CS, Tendon Secondary, 1, CS, Creep Secondary, 1
CS, Shrinkage Secondary, 1, CS, Tendon Primary, 1
NAME=LCB20, GEN, ACTIVE, 0, 0, 음력검토, 0, 0
ST, Global Temp(-), 1, ST, Temp Grad(-), 1, MV, MV(만재하), 1
CS, Dead Load, 1, CS, Tendon Secondary, 1, CS, Creep Secondary, 1
CS, Shrinkage Secondary, 1, CS, Tendon Primary, 1
NAME=Env-LCB, GEN, ACTIVE, 0, 1, 음력검토, 0, 0
CB, LCB11, 1, CB, LCB12, 1, CB, LCB13, 1, CB, LCB14, 1, CB, LCB15, 1
CB, LCB16, 1, CB, LCB17, 1, CB, LCB18, 1, CB, LCB19, 1, CB, LCB20, 1
NAME=Env-CASE, GEN, ACTIVE, 0, 1, 강도검토, 0, 0
CB, CASE1, 1, CB, CASE2, 1, CB, CASE3, 1, CB, CASE4, 1, CB, CASE5, 1
CB, CASE6, 1, CB, CASE7, 1, CB, CASE8, 1, CB, CASE9, 1, CB, CASE10, 1
NAME=상부자중, GEN, ACTIVE, 0, 0, 하부구조검토용, 0, 0
CS, Summation, 1
NAME=상부자중테스트용, GEN, ACTIVE, 0, 0, , 0, 0
ST, SELFWEIGHT, 1, ST, 2ndDL, 1, ST, PS(1st order), 1
ST, PS(2nd order), 1
NAME=0, GEN, ACTIVE, 0, 0, 강도검토, 0, 0
CS, Dead Load, 1
NAME=PS, GEN, ACTIVE, 0, 0, 강도검토, 0, 0
CS, Tendon Secondary, 1

*CON-REAC-GROUP : Concurrent Reaction Group
: GROUP1, GROUP2, ... GROUPn
A1, A2, P01, P02, P03, P04, P05, P06, P07, P08, P09, P10
*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, SELFWEIGHT, 192, 192, 192, 192, 0, 192, 255, 255, 87
ST, 2ndDL, 255, 87, 128, 212, 160, 255, 0, 192, 192
ST, PS(1st order), 85, 192, 0, 192, 0, 128, 148, 87, 255
ST, PS(2nd order), 93, 255, 87, 146, 0, 255, 0, 128, 192
ST, Global Temp(+), 163, 160, 255, 192, 192, 0, 0, 128, 128
ST, Global Temp(-), 255, 87, 87, 210, 210, 210, 0, 128, 192
ST, Temp Grad(+), 160, 255, 255, 192, 0, 128, 255, 87, 87
ST, Temp Grad(-), 160, 255, 255, 78, 0, 255, 255, 87, 128
MV, MV(만재하), 255, 87, 87, 255, 0, 192, 148, 87, 255
MV, MV(만재하), 255, 87, 87, 128, 192, 0, 85, 192, 0
CS, Dead Load, 0, 157, 192, 212, 160, 255, 255, 192, 160
CS, Erection Load, 255, 0, 128, 0, 128, 255, 93, 255, 87
CS, Tendon Primary, 0, 128, 255, 85, 192, 0, 192, 0, 192
CS, Tendon Secondary, 146, 0, 255, 148, 87, 255, 255, 87, 128
CS, Creep Primary, 163, 255, 160, 192, 0, 192, 0, 128, 57
CS, Creep Secondary, 0, 128, 255, 255, 192, 87, 0, 128, 255
CS, Shrinkage Primary, 192, 128, 0, 0, 128, 57, 148, 87, 255
CS, Shrinkage Secondary, 0, 157, 192, 0, 157, 192, 160, 192, 255
CS, Summation, 255, 255, 255, 160, 192, 255, 192, 72, 0
CB, CASE1, 148, 87, 255, 0, 128, 255, 255, 255, 87
CB, CASE2, 85, 192, 0, 93, 255, 87, 0, 128, 255
CB, CASE3, 85, 192, 0, 192, 0, 192, 0, 157, 192
CB, CASE4, 255, 192, 87, 255, 192, 160, 163, 160, 255
CB, CASE5, 255, 87, 128, 192, 0, 192, 0, 128, 255
CB, CASE6, 255, 0, 128, 255, 0, 128, 255, 128, 0
CB, CASE7, 0, 192, 192, 255, 192, 87, 255, 128, 0

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CB, CASE8, 192, 192, 0, 85, 0, 192, 255, 160, 255
CB, CASE9, 0, 128, 128, 192, 128, 0, 255, 160, 255
CB, CASE10, 255, 87, 128, 0, 192, 128, 78, 0, 255
CB, LCB11, 146, 0, 255, 0, 192, 128, 255, 192, 160
CB, LCB12, 192, 0, 128, 255, 255, 255, 212, 160, 255
CB, LCB13, 210, 210, 210, 255, 128, 0, 0, 192, 192
CB, LCB14, 255, 0, 192, 255, 160, 255, 0, 192, 128
CB, LCB15, 0, 128, 192, 192, 0, 128, 255, 128, 0
CB, LCB16, 85, 0, 192, 0, 128, 255, 192, 192, 0
CB, LCB17, 0, 192, 192, 78, 0, 255, 192, 0, 128
CB, LCB18, 160, 255, 255, 255, 87, 87, 163, 160, 255
CB, LCB19, 0, 157, 192, 160, 192, 255, 255, 87, 128
CB, LCB20, 0, 128, 192, 163, 255, 160, 0, 192, 128
CB, Env-LCB, 192, 192, 0, 0, 192, 128, 0, 128, 128
CB, PS, 0, 128, 192, 78, 0, 255, 85, 0, 192
CB, Env-CASE, 255, 87, 128, 192, 192, 0, 255, 255, 255
CB, 상부자중, 255, 0, 192, 0, 192, 128, 0, 192, 192
CB, 상부자중테스트용, 160, 255, 255, 0, 128, 192, 192, 128, 0
CB, D, 192, 192, 0, 85, 192, 0, 163, 160, 255

*MOVE-CTRL : Moving Load Analysis Control
: METH00, POINT, iIGP, iIGPN/DIST, MATTYPE, BRIDGETYPE, PLATE, bSTRCALC, FRAME, bCSTRCALC, bREAC, bRG, R
GN, bDISP, bOG, DGN, bFM, bFG, FGN
EXACT, ALL, 0, 3, 1, 0, CENTER, NO, AXIAL, YES, YES, NO, , YES, NO, , YES, NO,

*STAGE-CTRL : Construction Stage Analysis Control Data
: bLAST-FINAL, FINAL-STAGE, CPFC, bEXT_REPL, bCALC-OFF, bCALC-CSP, bAPPLY-IMF, W : line 1
: bCONV, bTRUSS, bBEAM, bITD, iITD, GROUP, LTYPECC, bSAVE-OCS, bLFFC, LFFGR, W : line 1
: bCHANGE-CABLE : line 1
: bINC-NLA, iNLA-TYPE, bIEMF, iLSTEP, iMAXITER, bNEG, EV, bDISP, DV, bFORC, FV : line 2
: bINC-POL, iITER, TOL : line 3
: bINC-TDE, bONS, TYPE, iITER, TOL, bTITLE_CS, bRCE, bVAR, bTITLE_ES, bAPPLY-ELA : line 4
: bOUCC, bITS, iITS, bATS, iIT10, iIT100, iIT1K, iIT5K, iIT10K : line 5
: bSD, iSDOPT, iSDCONST, iBSC, bSDLE, GLC1, GLC2, ... : line 6
: LCNAME1, LCNAME2, LCNAME3, ... : from line 7
YES, , INTERNAL, NO, NO, YES, NO, NO, NO, NO, , D, NO, NO, , NO
NO
NO
YES, YES, BOTH, 5, 0.01, YES, NO, YES, YES, 0, NO
NO, NO, 2, YES, 2, 5, 7, 10, 20
NO, , , 1, NO
Global Temp(+), Global Temp(-), Temp Grad(+), Temp Grad(-)

*DGN-MATL : Modify Steel(Concrete) Material
: iMAT, TYPE, MNAME, [DATA1] : STEEL
: iMAT, TYPE, MNAME, [DATA2], [R-DATA], FCI, bSERV, SHORT, LONG : CONC
: iMAT, TYPE, MNAME, [DATA3], [DATA2], [R-DATA] : SRC
: iMAT, TYPE, MNAME, [DATA5] : STEEL(None) & KSCE-ASD05
: [DATA1] : 1, DB, CODE, NAME or 2, ELAST, POISN, FU, FY1, FY2, FY3, FY4
: FY5, FY6, AFT, AFT2, AFT3, FY, AFV, AFV2, AFV3
: [DATA2] : 1, DB, CODE, NAME or 2, FC, CHK, LAMBDA
: [DATA3] : 1, DB, CODE, NAME or 2, ELAST, FU, FY1, FY2, FY3, FY4
: FY5, FY6, AFT, AFT2, AFT3, FY, AFV, AFV2, AFV3
: [DATA4] : 1, DB, CODE, NAME or 2, FC
: [DATA5] : 3, ELAST, POISN, AL1, AL2, AL3, AL4, AL5, AL6, AL7, AL8, AL9, AL10
: MIN1, MIN2, MIN3

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: [R-DATA] : RBCODE, RBMAIN, RB SUB, FY(R), FYS
1, CONC, C40 , 2, 0, NO, 1, , , 0, 0, 0, NO, 0, 0
2, STEEL, TENDON , 2, 2.0000e+008, 0.3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

*ENDDATA