

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대교(ILM)_중방형(대구)

: MIDAS/Civil Text(MCT) File.
: Date : 2016/1/18

*VERSION

8.4.5

*UNIT : Unit System

: FORCE, LENGTH, HEAT, TEMPER

KN , MM, KCAL, C

*REBAR-MATL-CODE : Rebar Material Code

: CONC_CODE, CONC_MDB, SRC_CODE, SRC_MDB

KS01-Civil(RC), SD400, KS01-Civil(RC), SD400

*NODE : Nodes

: iNO, X, Y, Z

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2, 2499.99971032173, 1.04166660594274, 0
3, 4999.99768453264, 4.16666570117741, 0
4, 7499.99218652315, 9.37499511474016, 0
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12, 27499.6148707126, 126.040784052748, 0
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25, 59996.0000721664, 599.980000110008, 0
26, 62495.4789672694, 651.018119323453, 0
27, 64994.9144627367, 704.139119653064, 0

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28, 67494.3048228494, 759.342964209736, 0
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73, 179892.019414873, 5398.38019297804, 0
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 95, 234759.742675011, 9199.4611443638, 0
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 99, 244727.755121922, 9998.60771387193, 0
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 101, 249710.7485684, 10410.6398956046, 0
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 103, 254693.048374072, 10830.9764903015, 0
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 117, 289548.56278727, 14005.7552319649, 0

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 128, 316907.628390407, 16785.3655715676, 0
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 162, 401293.539730436, 26960.5628295785, 0

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163, 403770.932969643, 27296.0063792384, 0
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 172, 426054.647896971, 30407.8668939419, 0
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 206, 510010.832535534, 43669.6817343955, 0
 207, 512474.263761543, 44095.717215785, 0

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	Company		Client	
	Author		File Name	단산대교(ILM)_중방형(대구)

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PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대교(ILM)_중방형(대구)

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PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대교(ILM)_중방형(대구)

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 477, 591106.833899795, 58811.0038766704, -1000

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대교(ILM)_중방형(대구)

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*ELEMENT ; Elements

; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB, EXVAL, iOPT(EXVAL2) ; Frame Element
 ; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB, EXVAL, EXVAL2, bLMT ; Comp/Tens Truss
 ; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iSUB, iWID, LCAXIS ; 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
)

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PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

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PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

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PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대교(ILM)_중방항(대구)

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PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대교(ILM)_중방항(대구)

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	Company		Client	
	Author		File Name	단선대교(ILM)_중방형(대구)

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224, BEAM , 2, 4, 224, 225, 0, 0
225, BEAM , 2, 4, 225, 226, 0, 0
226, BEAM , 2, 4, 226, 227, 0, 0
227, BEAM , 2, 4, 227, 228, 0, 0
228, BEAM , 2, 4, 228, 229, 0, 0
229, BEAM , 2, 4, 229, 230, 0, 0
230, BEAM , 2, 4, 230, 231, 0, 0
231, BEAM , 2, 31, 231, 232, 0, 0
232, BEAM , 2, 31, 232, 233, 0, 0
233, BEAM , 2, 31, 233, 234, 0, 0
234, BEAM , 2, 31, 234, 235, 0, 0

```

*GROUP ; Group

; NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE

```

Nose , 1to15 242to256, 1to14, 0
Segment1 , 15to20 256to261, 15to19, 0
Segment2 , 20to30 261to271, 20to29, 0
Segment3 , 30to40 271to281, 30to39, 0
Segment4 , 40to50 281to291, 40to49, 0
Segment5 , 50to60 291to301, 50to59, 0
Segment6 , 60to70 301to311, 60to69, 0
Segment7 , 70to80 311to321, 70to79, 0
Segment8 , 80to90 321to331, 80to89, 0
Segment9 , 90to100 331to341, 90to99, 0
Segment10 , 100to110 341to351, 100to109, 0
Segment11 , 110to120 351to361, 110to119, 0
Segment12 , 120to130 361to371, 120to129, 0
Segment13 , 130to140 371to381, 130to139, 0
Segment14 , 140to150 381to391, 140to149, 0
Segment15 , 150to160 391to401, 150to159, 0
Segment16 , 160to170 401to411, 160to169, 0
Segment17 , 170to180 411to421, 170to179, 0
Segment18 , 180to190 421to431, 180to189, 0
Segment19 , 190to200 431to441, 190to199, 0

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	단선대교(ILM)_중방형(대구)

```

Segment20 , 200to210 441to451, 200to209, 0
Segment21 , 210to220 451to461, 210to219, 0
Segment22 , 220to230 461to471, 220to229, 0
Segment23 , 230to235 471to476, 230to234, 0
BridgeGirder , , 15to234, 0

```

*BNDR-GROUP ; Boundary Group

; NAME, AUTOTYPE

```

Final, 0
Temporary, 0
CS1-Dfm0, 0
CS1-Org0, 0
CS1-Dfm1, 0
CS1-Org1, 0
CS1-Dfm2, 0
CS1-Org2, 0
CS2-Dfm0, 0
CS2-Org0, 0
CS2-Dfm1, 0
CS2-Org1, 0
CS2-Dfm2, 0
CS2-Org2, 0
CS2-Dfm3, 0
CS2-Org3, 0
CS2-Dfm4, 0
CS2-Org4, 0
CS2-Dfm5, 0
CS2-Org5, 0
CS3-Dfm0, 0
CS3-Org0, 0
CS3-Dfm1P, 0
CS3-Org1P, 0
CS3-Org1, 0
CS3-Dfm2, 0
CS3-Org2, 0
CS3-Dfm3, 0
CS3-Org3, 0
CS3-Dfm4, 0
CS3-Org4, 0
CS3-Dfm5, 0
CS3-Org5, 0
CS4-Dfm0, 0
CS4-Org0, 0
CS4-Dfm1, 0
CS4-Org1, 0

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

CS4-Dfm2, 0
CS4-Org2, 0
CS4-Dfm3, 0
CS4-Org3, 0
CS4-Dfm4, 0
CS4-Org4, 0
CS4-Dfm5, 0
CS4-Org5, 0
CS5-Dfm0, 0
CS5-Org0, 0
CS5-Dfm1P, 0
CS5-Org1P, 0
CS5-Org1, 0
CS5-Dfm2, 0
CS5-Org2, 0
CS5-Dfm3, 0
CS5-Org3, 0
CS5-Dfm4, 0
CS5-Org4, 0
CS5-Dfm5, 0
CS5-Org5, 0
CS6-Dfm0, 0
CS6-Org0, 0
CS6-Dfm1, 0
CS6-Org1, 0
CS6-Dfm2, 0
CS6-Org2, 0
CS6-Dfm3, 0
CS6-Org3, 0
CS6-Dfm4, 0
CS6-Org4, 0
CS6-Dfm5, 0
CS6-Org5, 0
CS7-Dfm0, 0
CS7-Org0, 0
CS7-Dfm1P, 0
CS7-Org1P, 0
CS7-Org1, 0
CS7-Dfm2, 0
CS7-Org2, 0
CS7-Dfm3, 0
CS7-Org3, 0
CS7-Dfm4, 0
CS7-Org4, 0
CS7-Dfm5, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

CS7-Org5, 0
CS8-Dfm0, 0
CS8-Org0, 0
CS8-Dfm1, 0
CS8-Org1, 0
CS8-Dfm2, 0
CS8-Org2, 0
CS8-Dfm3, 0
CS8-Org3, 0
CS8-Dfm4, 0
CS8-Org4, 0
CS8-Dfm5, 0
CS8-Org5, 0
CS9-Dfm0, 0
CS9-Org0, 0
CS9-Dfm1P, 0
CS9-Org1P, 0
CS9-Org1, 0
CS9-Dfm2, 0
CS9-Org2, 0
CS9-Dfm3, 0
CS9-Org3, 0
CS9-Dfm4, 0
CS9-Org4, 0
CS9-Dfm5, 0
CS9-Org5, 0
CS10-Dfm0, 0
CS10-Org0, 0
CS10-Dfm1, 0
CS10-Org1, 0
CS10-Dfm2, 0
CS10-Org2, 0
CS10-Dfm3, 0
CS10-Org3, 0
CS10-Dfm4, 0
CS10-Org4, 0
CS10-Dfm5, 0
CS10-Org5, 0
CS11-Dfm0, 0
CS11-Org0, 0
CS11-Dfm1P, 0
CS11-Org1P, 0
CS11-Org1, 0
CS11-Dfm2, 0
CS11-Org2, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

CS11-Dfm3, 0
CS11-Org3, 0
CS11-Dfm4, 0
CS11-Org4, 0
CS11-Dfm5, 0
CS11-Org5, 0
CS12-Dfm0, 0
CS12-Org0, 0
CS12-Dfm1, 0
CS12-Org1, 0
CS12-Dfm2, 0
CS12-Org2, 0
CS12-Dfm3, 0
CS12-Org3, 0
CS12-Dfm4, 0
CS12-Org4, 0
CS12-Dfm5, 0
CS12-Org5, 0
CS13-Dfm0, 0
CS13-Org0, 0
CS13-Dfm1P, 0
CS13-Org1P, 0
CS13-Org1, 0
CS13-Dfm2, 0
CS13-Org2, 0
CS13-Dfm3, 0
CS13-Org3, 0
CS13-Dfm4, 0
CS13-Org4, 0
CS13-Dfm5, 0
CS13-Org5, 0
CS14-Dfm0, 0
CS14-Org0, 0
CS14-Dfm1, 0
CS14-Org1, 0
CS14-Dfm2, 0
CS14-Org2, 0
CS14-Dfm3, 0
CS14-Org3, 0
CS14-Dfm4, 0
CS14-Org4, 0
CS14-Dfm5, 0
CS14-Org5, 0
CS15-Dfm0, 0
CS15-Org0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

CS15-Dfm1P, 0
CS15-Org1P, 0
CS15-Org1, 0
CS15-Dfm2, 0
CS15-Org2, 0
CS15-Dfm3, 0
CS15-Org3, 0
CS15-Dfm4, 0
CS15-Org4, 0
CS15-Dfm5, 0
CS15-Org5, 0
CS16-Dfm0, 0
CS16-Org0, 0
CS16-Dfm1, 0
CS16-Org1, 0
CS16-Dfm2, 0
CS16-Org2, 0
CS16-Dfm3, 0
CS16-Org3, 0
CS16-Dfm4, 0
CS16-Org4, 0
CS16-Dfm5, 0
CS16-Org5, 0
CS17-Dfm0, 0
CS17-Org0, 0
CS17-Dfm1P, 0
CS17-Org1P, 0
CS17-Org1, 0
CS17-Dfm2, 0
CS17-Org2, 0
CS17-Dfm3, 0
CS17-Org3, 0
CS17-Dfm4, 0
CS17-Org4, 0
CS17-Dfm5, 0
CS17-Org5, 0
CS18-Dfm0, 0
CS18-Org0, 0
CS18-Dfm1, 0
CS18-Org1, 0
CS18-Dfm2, 0
CS18-Org2, 0
CS18-Dfm3, 0
CS18-Org3, 0
CS18-Dfm4, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

CS18-Org4, 0
CS18-Dfm5, 0
CS18-Org5, 0
CS19-Dfm0, 0
CS19-Org0, 0
CS19-Dfm1P, 0
CS19-Org1P, 0
CS19-Org1, 0
CS19-Dfm2, 0
CS19-Org2, 0
CS19-Dfm3, 0
CS19-Org3, 0
CS19-Dfm4, 0
CS19-Org4, 0
CS19-Dfm5, 0
CS19-Org5, 0
CS20-Dfm0, 0
CS20-Org0, 0
CS20-Dfm1, 0
CS20-Org1, 0
CS20-Dfm2, 0
CS20-Org2, 0
CS20-Dfm3, 0
CS20-Org3, 0
CS20-Dfm4, 0
CS20-Org4, 0
CS20-Dfm5, 0
CS20-Org5, 0
CS21-Dfm0, 0
CS21-Org0, 0
CS21-Dfm1P, 0
CS21-Org1P, 0
CS21-Org1, 0
CS21-Dfm2, 0
CS21-Org2, 0
CS21-Dfm3, 0
CS21-Org3, 0
CS21-Dfm4, 0
CS21-Org4, 0
CS21-Dfm5, 0
CS21-Org5, 0
CS22-Dfm0, 0
CS22-Org0, 0
CS22-Dfm1, 0
CS22-Org1, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

CS22-Dfm2, 0
CS22-Org2, 0
CS22-Dfm3, 0
CS22-Org3, 0
CS22-Dfm4, 0
CS22-Org4, 0
CS22-Dfm5, 0
CS22-Org5, 0
CS23-Dfm0, 0
CS23-Org0, 0
CS23-Dfm1P, 0
CS23-Org1P, 0
CS23-Org1, 0
CS23-Dfm2, 0
CS23-Org2, 0
CS23-Dfm3, 0
CS23-Org3, 0
CS23-Dfm4, 0
CS23-Org4, 0
CS23-Dfm5, 0
CS23-Org5, 0
CS23-Dfm6, 0
CS23-Org6, 0
CS23-Dfm7, 0
CS23-Org7, 0
CS23-Dfm8, 0
CS23-Org8, 0
CS24-Org0, 0
CS25-Org0, 0

*LOAD-GROUP ; Load Group
; NAME
SelfWeight
TB-Prestress1
TB-Prestress2
TB-Prestress3
TB-Prestress4
TB-Prestress5
TB-Prestress6
TB-Prestress7
TB-Prestress8
TB-Prestress9
TB-Prestress10
TB-Prestress11
TB-Prestress12

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대교(ILM)_중방형(대구)

TB-Prestress13
TB-Prestress14
TB-Prestress15
TB-Prestress16
TB-Prestress17
TB-Prestress18
TB-Prestress19
TB-Prestress20
TB-Prestress21
TB-Prestress22
TB-Prestress23
Web-Prestress
Diaphragm1
Diaphragm2
Diaphragm3
2nd

*MATERIAL : Material
: iMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA1]
: STEEL, CONC, USER
: 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 : Ort
hotropic
: [DATA2] : 1, DB, NAME, CODE or 2, ELAST, POISN, THERMAL, DEN, MASS
1, STEEL, SM400 , 0, 0, , C, NO, 0.02, 1, KS-Civil(S), , SM
400
2, CONC , C400 , 0, 0, , C, NO, 0.05, 1, KS-Civil(RC), , C
400
3, USER , Tendon , 0, 0, , C, NO, 0, 2, 1.9613e+002, 0, 0.0000e+000
, 0, 0

*MATL-COLOR
: iMAT, W_R, W_G, W_B, HF_R, HF_G, HF_B, HE_R, HE_G, HE_B, bBLEND, FACT
1, 255, 0, 0, 255, 77, 77, 192, 220, 192, NO, 0.5
2, 166, 202, 240, 166, 202, 240, 22, 74, 133, NO, 0.5
3, 255, 0, 0, 255, 77, 77, 192, 220, 192, NO, 0.5

*TDM-TYPE : Time Dependent Material
: NAME=NAME, CODE, STR, HU, VOL, AGE, CFACTA, CFACTB, TYPE, [ACI1 or ACI2] : CODE=
ACI
: NAME=NAME, CODE, STR, HU, MSIZE, CTYPE, AGE : CODE=
CEB1990,KS,CEB1978,KSCE 2010,KCI-USD12

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대교(ILM)_중방형(대구)

: NAME=NAME, CODE, N1, PHI1, N2, PHI2 : 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, bRCE, RR, MOD : CODE=
COMBINED
: NAME=NAME, CODE, STR, HTYPE, HU, MSIZE, CTYPE, AGE, CM : CODE=
JAPAN
: NAME=NAME, CODE, ELAST, HU, VOL, CC, WC, AGE : CODE=
JSCE
: 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, CTYPE, AGE, TCode, bSILICA : CODE=
European
: NAME=NAME, CODE, STR, HU, AGE, M, CMETH, CTYPE, CREEP, CONCT, W, MAXS, A, PZ : CODE=
Russian
: NAME=NAME, CODE, bSSF, SSFNAME : CODE=
USER(line1)
: CREEPFUNC1, AGE1, CREEPFUNC2, AGE2, ... ;
USER(from line 2)
: [ACI1] : CURE, SLUMP, FAP, AIR, CC
: [ACI2] : UCC, USS
NAME=C400, CEB, 0.0392266, 70, 1000, NR, 3, 0

*TDM-ELAST : Time Dependent Material(Comp. Strength)
: NAME=NAME, TYPE, CODE, STRENGTH, A, B : TYPE=CODE(Korean St
andard, ACI)
: NAME=NAME, TYPE, CODE, STRENGTH, iCTYPE : TYPE=CODE(CEB-FIP,
Ohzagi)
: NAME=NAME, TYPE, CODE, STRENGTH : TYPE=CODE(Chinese S
tandard)
: NAME=NAME, TYPE, CODE, STRENGTH, bUSE, [DATA] : TYPE=CODE(Japan(Hyd
ration))
: NAME=NAME, TYPE, CODE, STRENGTH, iTYPE : TYPE=CODE(Japan(Ela
stic))
: NAME=NAME, TYPE, CODE, STRENGTH : TYPE=CODE(INDIA(IRC
:18-2000))
: NAME=NAME, TYPE, CODE, STRENGTH, iCTYPE : TYPE=CODE(European)

PROJECT TITLE :

	Company		Client	
	Author		File Name	단선대교(ILM)_중방형(대구)

; NAME=NAME, TYPE, CODE, STRENGTH, ; TYPE=CODE(CEB-FIP(1978))
 ; NAME=NAME, TYPE, CODE, STRENGTH, TYPE, CMETH, CTYPE, MAXS, PZ ; TYPE=CODE(Russian))

; NAME=NAME, TYPE, SCALE ; TYPE=USER(line 1)
 ; DAY1, COMP1, TENS1, ELAST1, DAY2, COMP2, ... ; USER(from line 2)
 ; [DATA] : A, B, D, TSF or ICTYPE, TSF
 NAME=C400, CODE, CEB-FIP, 0.0392266, 2

*TDM-LINK ; Time Dependent Material Link
 ; IMAT, TDM-TYPE1(CREEP/SHRINKAGE), TDM-TYPE2(ELASTICITY)
 2, C400, C400

*ELEM-DEPMATL ; Change Element Dependent Material Property
 ; ELEM_LIST, TYPE, H(VS)
 19to30 219to230, NSM, 471.425
 16to18 31to33 36to53 56to73 76to93 96to113 116to133 136to153 , NSM, 470.812
 156to173 176to193 196to213 216to218 231to233, NSM, 470.812
 15to215by20 34to234by20, NSM, 483.765

*SECTION ; Section
 ; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] ; 1st I
 ine - DB/USER
 ; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL ; 1st I
 ine - VALUE
 ; AREA, ASy, ASz, lxx, lyy, lzz ; 2nd I
 ine
 ; CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz ; 3rd I
 ine
 ; Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th I
 ine
 ; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF, THERMAL ; 1st I
 ine - SRC
 ; D1, D2, [SRC] ; 2nd I
 ine
 ; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st I
 ine - COMBINED
 ; ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23, D24
 ; ISEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iyVAR, izVAR, STYPE ; 1st I
 ine - TAPERED
 ; DB, NAME1, NAME2 ; 2nd I
 ine(STYPE=DB)

PROJECT TITLE :

	Company		Client	
	Author		File Name	단선대교(ILM)_중방형(대구)

; [DIM1], [DIM2] ; 2nd I
 ine(STYPE=USER)
 ; D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd I
 ine(STYPE=VALUE)
 ; AREA1, ASy1, ASz1, lxx1, lyy1, lzz1 ; 3rd I
 ine(STYPE=VALUE)
 ; CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th I
 ine(STYPE=VALUE)
 ; Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th I
 ine(STYPE=VALUE)
 ; D21, D22, D23, D24, D25, D26, D27, D28 ; 6th I
 ine(STYPE=VALUE)
 ; AREA2, ASy2, ASz2, lxx2, lyy2, lzz2 ; 7th I
 ine(STYPE=VALUE)
 ; CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 ; 8th I
 ine(STYPE=VALUE)
 ; Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 ; 9th I
 ine(STYPE=VALUE)
 ; OPT1, OPT2, [JOINT] ; 2nd I
 ine(STYPE=PSC)
 ; ELAST, DEN, POIS, POIC, THERMAL ; 2nd I
 ine(STYPE=PSC-CMPW)
 ; bSHEARCHK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], WI, WJ, bSYM, bSIDEHOLE ; 3rd I
 ine(STYPE=PSC)
 ; bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] ; 3rd I
 ine(STYPE=PSC-CMPW)
 ; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] ; 4th I
 ine(STYPE=PSC)
 ; [SIZE-A]-i ; 5th I
 ine(STYPE=PSC)
 ; [SIZE-B]-i ; 6th I
 ine(STYPE=PSC)
 ; [SIZE-C]-i ; 7th I
 ine(STYPE=PSC)
 ; [SIZE-D]-i ; 8th I
 ine(STYPE=PSC)
 ; [SIZE-A]-j ; 9th I
 ine(STYPE=PSC)
 ; [SIZE-B]-j ; 10th I
 ine(STYPE=PSC)
 ; [SIZE-C]-j ; 11th I
 ine(STYPE=PSC)
 ; [SIZE-D]-j ; 12th I
 ine(STYPE=PSC)
 ; GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, EsEc-L, EsEc-S ; 2nd I

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

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ine(STYPE=CMP-B/I)
;      SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i      ; 3rd I
ine(STYPE=CMP-B/I)
;      SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j      ; 4th I
ine(STYPE=CMP-B/I)
;      N1, N2, Hr, Hr2, tr1, tr2      ; 5th I
ine(STYPE=CMP-B)
;      GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j      ; 2nd I
ine(STYPE=CMP-CI/CT)
;      OPT1, OPT2, [JOINT]      ; 3rd I
ine(STYPE=CMP-CI/CT)
;      [SIZE-A]-i      ; 4th I
ine(STYPE=CMP-CI/CT)
;      [SIZE-B]-i      ; 5th I
ine(STYPE=CMP-CI/CT)
;      [SIZE-C]-i      ; 6th I
ine(STYPE=CMP-CI/CT)
;      [SIZE-D]-i      ; 7th I
ine(STYPE=CMP-CI/CT)
;      [SIZE-A]-j      ; 8th I
ine(STYPE=CMP-CI/CT)
;      [SIZE-B]-j      ; 9th I
ine(STYPE=CMP-CI/CT)
;      [SIZE-C]-j      ; 10th
ine(STYPE=CMP-CI/CT)
;      [SIZE-D]-j      ; 11th
ine(STYPE=CMP-CI/CT)
; iSEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2      ; 1st I
ine - CONSTRUCT
;      SHAPE, ...(same with other type data from shape)      ; Befor
e (STYPE1)
;      SHAPE, ...(same with other type data from shape)      ; After
(STYPE2)
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE      ; 1st I
ine - COMPOSITE-SB
;      Hw, tw, B, Bf1, tf1, B2, Bf2, tf2      ; 2nd I
ine
;      N1, N2, Hr, Hr2, tr1, tr2      ; 3rd I
ine
;      SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh      ; 4th I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE      ; 1st I
ine - COMPOSITE-SI
;      Hw, tw, B, tf1, B2, tf2      ; 2nd I
ine

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PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

```

;      SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh      ; 3rd I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE      ; 1st I
ine - COMPOSITE-CI/CT
;      OPT1, OPT2, [JOINT]      ; 2nd I
ine
;      [SIZE-A]      ; 3rd I
ine
;      [SIZE-B]      ; 4th I
ine
;      [SIZE-C]      ; 5th I
ine
;      [SIZE-D]      ; 6th I
ine
;      SW, GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb      ; 7th I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE      ; 1st I
ine - PSC
;      OPT1, OPT2, [JOINT]      ; 2nd I
ine
;      bSHEARCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE      ; 3rd I
ine
;      bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF]      ; 4th I
ine
;      [SIZE-A]      ; 5th I
ine
;      [SIZE-B]      ; 6th I
ine
;      [SIZE-C]      ; 7th I
ine
;      [SIZE-D]      ; 8th I
ine
; [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, HUSER1, HUSERJ, iVERT, VUSER1, VUSERJ
; [JOINT] : 8(1CELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCE
LL), 2(nCEL2)
; [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(nCE
LL), 11(nCEL2)
; [SIZE-B] : 6(1CELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(nCE
LL), 18(nCEL2)

```


PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

: [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCELL), 11(nCEL2)
: [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCELL), 18(nCEL2)
: [STIFF] : AREA, ASy, ASz, Ixx, Iyy, Izz
: [CHK] : bAUTO_Z1, Z1, bAUTO_Z3, Z3
: [WT] : bAUTO_TOR, TOR, bAUTO_SHR1, SHR1, bAUTO_SHR2, SHR2, bAUTO_SHR3, SHR3
: [CMPWEB] : EFD, LRF, A, B, H, T

1, TAPERED , Nose , CB, 1, 0, 0, 0, 0, 0, 0, 0, 0, YES, H , 1, 1, USE
R

1250, 800, 20, 20, 800, 30, 0, 0, 2950, 1800, 40, 30, 1800, 30, 0, 0
2, PSC , Typical , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
, , YES, YES, YES, YES, YES, YES, YES, YES
YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, 200, NO, NO
NO, , NO, , , , , ,
200, 512, 50, 211, 2238, 650
2715, 1223, 2347, 558, 0, 2800
280, 421, 0, 164, 1459, 319, 490, 34, 100, 300
2800, 1100, 2571, 2800, 2399, 1100, 1799, 0

3, PSC , Diaphragm , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
, , YES, YES, YES, YES, YES, YES, YES, YES
YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, 200, NO, NO
NO, , NO, , , , , ,
200, 512, 50, 211, 2238, 650
2715, 1223, 2347, 558, 0, 2800
280, 421, 0, 164, 1459, 319, 390, 0, 0, 400
2800, 1100, 2571, 2800, 2399, 0, 1799, 0

4, PSC , T-EBS , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
, , YES, YES, YES, YES, YES, YES, YES, YES
YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, 200, NO, NO
NO, , NO, , , , , ,
200, 512, 50, 211, 2238, 650
2715, 1223, 2347, 558, 0, 2800
280, 421, 0, 164, 1459, 319, 490, 34, 100, 300
2800, 1100, 2571, 2800, 2399, 1100, 1799, 0

5, PSC , T-IBS , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
, , YES, YES, YES, YES, YES, YES, YES, YES
YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, 200, NO, NO
NO, , NO, , , , , ,
200, 512, 50, 211, 2238, 650
2715, 1223, 2347, 558, 0, 2800
280, 421, 0, 164, 1459, 319, 490, 34, 100, 300

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

2800, 1100, 2571, 2800, 2399, 1100, 1799, 0

11, PSC , IS-EBS , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
, , YES, YES, YES, YES, YES, YES, YES, YES, NO
YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, 200, NO, NO
NO, , NO, , , , , ,
200, 512, 50, 211, 2238, 650
2715, 1223, 2347, 558, 0, 2800
280, 421, 0, 164, 1459, 319, 390, 0, 0, 400
2800, 1100, 2571, 2800, 2399, 0, 1799, 0

21, PSC , IS-IBS , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
, , YES, YES, YES, YES, YES, YES, YES, YES, NO
YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, 200, NO, NO
NO, , NO, , , , , ,
200, 512, 50, 211, 2238, 650
2715, 1223, 2347, 558, 0, 2800
280, 421, 0, 164, 1459, 319, 390, 0, 0, 400
2800, 1100, 2571, 2800, 2399, 0, 1799, 0

31, PSC , ES-EBS , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
, , YES, YES, YES, YES, YES, YES, YES, YES, NO
YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, 200, NO, NO
NO, , NO, , , , , ,
200, 512, 50, 211, 2238, 650
2715, 1223, 2347, 558, 0, 2800
280, 421, 0, 164, 1459, 319, 390, 0, 0, 400
2800, 1100, 2571, 2800, 2399, 0, 1799, 0

*SECT-COLOR

: iSEC, W_R, W_G, W_B, HF_R, HF_G, HF_B, HE_R, HE_G, HE_B, bBLEND, FACT
1, 255, 0, 0, 255, 77, 77, 192, 220, 192, NO, 0.5
2, 255, 0, 0, 255, 77, 77, 192, 220, 192, NO, 0.5
3, 255, 0, 0, 255, 77, 77, 192, 220, 192, NO, 0.5
4, 255, 0, 0, 255, 77, 77, 192, 220, 192, NO, 0.5
5, 255, 0, 0, 255, 77, 77, 192, 220, 192, NO, 0.5
11, 255, 0, 0, 255, 77, 77, 192, 220, 192, NO, 0.5
21, 255, 0, 0, 255, 77, 77, 192, 220, 192, NO, 0.5
31, 255, 0, 0, 255, 77, 77, 192, 220, 192, NO, 0.5

*DGN-SECT

: iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] ; 1st I
ine - DB/USER
: iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL ; 1st I

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

ine - VALUE
; AREA, ASy, ASz, lxx, lyy, lzz ; 2nd l
ine
; CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz ; 3rd l
ine
; Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF, THERMAL ; 1st l
ine - SRC
; D1, D2, [SRC] ; 2nd l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st l
ine - COMBINED
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23, D24
; iSEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iyVAR, izVAR, STYPE ; 1st l
ine - TAPERED
; DB, NAME1, NAME2 ; 2nd l
ine(STYPE=DB)
; [DIM1], [DIM2] ; 2nd l
ine(STYPE=USER)
; D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd l
ine(STYPE=VALUE)
; AREA1, ASy1, ASz1, lxx1, lyy1, lzz1 ; 3rd l
ine(STYPE=VALUE)
; CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th l
ine(STYPE=VALUE)
; Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th l
ine(STYPE=VALUE)
; D21, D22, D23, D24, D25, D26, D27, D28 ; 6th l
ine(STYPE=VALUE)
; AREA2, ASy2, ASz2, lxx2, lyy2, lzz2 ; 7th l
ine(STYPE=VALUE)
; CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 ; 8th l
ine(STYPE=VALUE)
; Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 ; 9th l
ine(STYPE=VALUE)
; OPT1, OPT2, [JOINT] ; 2nd l
ine(STYPE=PSC)
; ELAST, DEN, POIS, POIC, THERMAL ; 2nd l
ine(STYPE=PSC-CMPW)
; bSHEARCHK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], WI, WJ, bSYM, bSIDEHOLE ; 3rd l
ine(STYPE=PSC)
; bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] ; 3rd l
ine(STYPE=PSC-CMPW)

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] ; 4th l
ine(STYPE=PSC)
; [SIZE-A]-i ; 5th l
ine(STYPE=PSC)
; [SIZE-B]-i ; 6th l
ine(STYPE=PSC)
; [SIZE-C]-i ; 7th l
ine(STYPE=PSC)
; [SIZE-D]-i ; 8th l
ine(STYPE=PSC)
; [SIZE-A]-j ; 9th l
ine(STYPE=PSC)
; [SIZE-B]-j ; 10th
ine(STYPE=PSC)
; [SIZE-C]-j ; 11th
ine(STYPE=PSC)
; [SIZE-D]-j ; 12th
ine(STYPE=PSC)
; GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, EsEc-L, EsEc-S ; 2nd l
ine(STYPE=CMP-B/I)
; SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i ; 3rd l
ine(STYPE=CMP-B/I)
; SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th l
ine(STYPE=CMP-B/I)
; N1, N2, Hr, Hr2, tr1, tr2 ; 5th l
ine(STYPE=CMP-B)
; GN, CTC, Bc, Tc, Hh, EgDsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd l
ine(STYPE=CMP-CI/CT)
; OPT1, OPT2, [JOINT] ; 3rd l
ine(STYPE=CMP-CI/CT)
; [SIZE-A]-i ; 4th l
ine(STYPE=CMP-CI/CT)
; [SIZE-B]-i ; 5th l
ine(STYPE=CMP-CI/CT)
; [SIZE-C]-i ; 6th l
ine(STYPE=CMP-CI/CT)
; [SIZE-D]-i ; 7th l
ine(STYPE=CMP-CI/CT)
; [SIZE-A]-j ; 8th l
ine(STYPE=CMP-CI/CT)
; [SIZE-B]-j ; 9th l
ine(STYPE=CMP-CI/CT)
; [SIZE-C]-j ; 10th
ine(STYPE=CMP-CI/CT)
; [SIZE-D]-j ; 11th

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

```

line(STYPE=CMP-CI/CT)
; iSEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2          ; 1st I
ine - CONSTRUCT
;   SHAPE, ...(same with other type data from shape)        ; Befor
e (STYPE1)
;   SHAPE, ...(same with other type data from shape)        ; After
  (STYPE2)
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE                    ; 1st I
ine - COMPOSITE-SB
;   Hw, tw, B, Bf1, tf1, B2, Bf2, tf2                        ; 2nd I
ine
;   N1, N2, Hr, Hr2, tr1, tr2                                ; 3rd I
ine
;   SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 4th I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE                    ; 1st I
ine - COMPOSITE-SI
;   Hw, tw, B, tf1, B2, tf2                                  ; 2nd I
ine
;   SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 3rd I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE                    ; 1st I
ine - COMPOSITE-CI/CT
;   OPT1, OPT2, [JOINT]                                      ; 2nd I
ine
;   [SIZE-A]                                                  ; 3rd I
ine
;   [SIZE-B]                                                  ; 4th I
ine
;   [SIZE-C]                                                  ; 5th I
ine
;   [SIZE-D]                                                  ; 6th I
ine
;   SW, GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb       ; 7th I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE                    ; 1st I
ine - PSC
;   OPT1, OPT2, [JOINT]                                      ; 2nd I
ine
;   bSHEARCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE         ; 3rd I
ine
;   bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF]     ; 4th I
ine
;   [SIZE-A]                                                  ; 5th I
ine

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

```

;   [SIZE-B]                                                  ; 6th I
ine
;   [SIZE-C]                                                  ; 7th I
ine
;   [SIZE-D]                                                  ; 8th I
ine
; [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, HUSERJ, iVERT, VUSERI, VUSERJ
; [JOINT]   : 8(1CELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCEL
LL), 2(nCEL2)
; [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(nCEL
LL), 11(nCEL2)
; [SIZE-B] : 6(1CELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(nCEL
LL), 18(nCEL2)
; [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCEL
LL), 11(nCEL2)
; [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCEL
LL), 18(nCEL2)
; [STIFF]   : AREA, ASy, ASz, lxx, lyy, lzz
; [SCHK]    : bAUTO_Z1, Z1, bAUTO_Z3, Z3
; [WT]      : bAUTO_TOR, TOR, bAUTO_SHR1, SHR1, bAUTO_SHR2, SHR2, bAUTO_SHR3, SHR3
; [CMPWEB]  : EFD, LRF, A, B, H, T
;   1, TAPERED , Nose , CB, 1, 0, 0, 0, 0, 0, 0, 0, YES, H , 1, 1, USE
R
;   1250, 800, 20, 20, 800, 30, 0, 0, 2950, 1800, 40, 30, 1800, 30, 0, 0
2, PSC , Typical , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
, , YES, YES, YES, YES, YES, YES, YES, YES
YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, YES, 0, 200, NO, NO
NO, , NO, , , , ,
200, 512, 50, 211, 2238, 650
2715, 1223, 2347, 558, 0, 2800
280, 421, 0, 164, 1459, 319, 490, 34, 100, 300
2800, 1100, 2571, 2800, 2399, 1100, 1799, 0

3, PSC , Diaphragm , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
, , YES, YES, YES, YES, YES, YES, YES, NO
YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, YES, 0, 200, NO, NO
NO, , NO, , , , ,
200, 512, 50, 211, 2238, 650
2715, 1223, 2347, 558, 0, 2800

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_종방형(대구)

280, 421, 0, 164, 1459, 319, 390, 0, 0, 400
2800, 1100, 2571, 2800, 2399, 0, 1799, 0

4, PSC , T-EBS , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
 , , YES, YES, YES, YES, YES, YES, YES, YES
 YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, YES, 0, 200, NO, NO
 NO, , NO, , , , , ,
 200, 512, 50, 211, 2238, 650
 2715, 1223, 2347, 558, 0, 2800
 280, 421, 0, 164, 1459, 319, 490, 34, 100, 300
 2800, 1100, 2571, 2800, 2399, 1100, 1799, 0

5, PSC , T-IBS , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
 , , YES, YES, YES, YES, YES, YES, YES, YES
 YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, YES, 0, 200, NO, NO
 NO, , NO, , , , , ,
 200, 512, 50, 211, 2238, 650
 2715, 1223, 2347, 558, 0, 2800
 280, 421, 0, 164, 1459, 319, 490, 34, 100, 300
 2800, 1100, 2571, 2800, 2399, 1100, 1799, 0

11, PSC , IS-EBS , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
 , , YES, YES, YES, YES, YES, YES, YES, YES
 YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, YES, 0, 200, NO, NO
 NO, , NO, , , , , ,
 200, 512, 50, 211, 2238, 650
 2715, 1223, 2347, 558, 0, 2800
 280, 421, 0, 164, 1459, 319, 390, 0, 0, 400
 2800, 1100, 2571, 2800, 2399, 0, 1799, 0

21, PSC , IS-IBS , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
 , , YES, YES, YES, YES, YES, YES, YES, YES
 YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, YES, 0, 200, NO, NO
 NO, , NO, , , , , ,
 200, 512, 50, 211, 2238, 650
 2715, 1223, 2347, 558, 0, 2800
 280, 421, 0, 164, 1459, 319, 390, 0, 0, 400
 2800, 1100, 2571, 2800, 2399, 0, 1799, 0

31, PSC , ES-EBS , CB, 1, 0, 0, 0, 0, 0, YES, 1CEL
 , , YES, YES, YES, YES, YES, YES, YES, YES
 YES, YES, 2249, YES, 790, YES, 0, YES, 0, YES, 0, YES, 0, 200, NO, NO
 NO, , NO, , , , , ,
 200, 512, 50, 211, 2238, 650
 2715, 1223, 2347, 558, 0, 2800

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_종방형(대구)

280, 421, 0, 164, 1459, 319, 390, 0, 0, 400
2800, 1100, 2571, 2800, 2399, 0, 1799, 0

*TS-GROUP ; Tapered Section Group
 ; NAME, ELEM_LIST, ZVAR, ZEXP, ZFROM, ZDIST, YVAR, YEXP, YFROM, YDIST, iSCM
 TaperedNose, 1to14, LINEAR, , , , LINEAR, , , , 0

*TDN-PROPERTY ; Tendon Property
 ; NAME, TYPE, MATL, AREA, DIA, RM, RC, FF, WF, US, YS, LT, ASB, ASE, bBONDED, ALPHA, W

 ; bOSRF, FT, FPK, ACHANGE, bRELAX
 TT7, INTERNAL, 3, 690.97, 51, 0, 45, 0.3, 6.6e-006, 1.86326, 1.56906, POST, 6, 6, Y
 ES, 0, , , , 0, YES, 0
 BT7, INTERNAL, 3, 690.97, 51, 0, 45, 0.3, 6.6e-006, 1.86326, 1.56906, POST, 6, 6, Y
 ES, 0, , , , 0, YES, 0
 TT12, INTERNAL, 3, 1184.52, 75, 0, 45, 0.3, 6.6e-006, 1.86326, 1.56906, POST, 6, 6,
 YES, 0, , , , 0, YES, 0
 WT19, INTERNAL, 3, 3750.98, 114.55, 0, 45, 0.3, 6.6e-006, 1.86326, 1.56906, POST, 6
 , 6, YES, 0, , , , 0, YES, 0

*TDN-PROFILE ; Tendon Profile
 ; NAME=NAME, TDN-PROPERTY, ELEM_LIST, BEGIN, END, CURVE, INPUT ; line 1
 ; GROUP, LENGOPT, BLEN, ELEN, bTP, rNUM ; line 2
 ; SHAPE, IP_X, IP_Y, IP_Z, AXIS, VX, VY ; line 3(Straight)
 ; SHAPE, IP_X, IP_Y, IP_Z, RC_X, RC_Y, OFFSET, DIR ; line 3(Curve)
 ; SHAPE, INS_PT, REF_ELEM, AXIS ; line 3(Element)
 ; XAR_ANGLE, bPROJECTION, GR_AXISX, GR_ANGLE ; line 4(Straight/Curve)
 e)
 ; XAR_ANGLE, bPROJECTION, OFFSET_Y, OFFSET_Z ; line 4(Element)
 ; X1, Y1, Z1, bFIX1, RY1, RZ1, RADIUS1 ; from line 5(3D)
 ; ...
 ; Xn, Yn, Zn, bFIX1, RY1, RZ1, RADIUSn
 ; Y=X1, Y1, bFIX1, RZ1, RADIUS1, OPT1, ANGLE1, HGT1, R1 ; from line 5(2D)
 ; Y=...
 ; Z=X1, Z1, bFIX1, RZ1, RADIUS1, OPT1, ANGLE1, HGT1, R1
 ; Z=...
 NAME=BOT01-01, BT7, 15to29, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
 ELEMENT, END-I, 15, I-J
 0, YES, -1890, 150
 Y=0, 0, NO, 0, 0, NONE, , , , NO
 Y=37500, 0, NO, 0, 0, NONE, , , , NO
 Z=0, 0, NO, 0, 0, NONE, , , , NO

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

Z=37500, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T01-02, BT7, 30to49, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 30, I-J
0, YES, -1890, 150
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50000, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50000, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T01-03, BT7, 50to69, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 50, I-J
0, YES, -1890, 150
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50000, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50000, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T01-04, BT7, 70to89, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 70, I-J
0, YES, -1890, 150
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50000, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50000, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T01-05, BT7, 90to109, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 90, I-J
0, YES, -1890, 150
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50000, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50000, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T01-06, BT7, 110to129, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 110, I-J
0, YES, -1890, 150
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50000, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50000, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T01-07, BT7, 130to149, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 130, I-J
0, YES, -1890, 150

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교(ILM)_중방항(대구)

Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50000, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50000, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T01-08, BT7, 150to169, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 150, I-J
0, YES, -1890, 150
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50000, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50000, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T01-09, BT7, 170to189, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 170, I-J
0, YES, -1890, 150
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50000, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50000, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T01-10, BT7, 190to209, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 190, I-J
0, YES, -1890, 150
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50000, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50000, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T01-11, BT7, 210to229, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 210, I-J
0, YES, -1890, 150
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50000, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50000, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T01-12, BT7, 230to234, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 230, I-J
0, YES, -1890, 150
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=12500, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=12500, 0, NO, 0, 0, NONE, , , , NO
NAME=B0T02-01, BT7, 15to19, 0, 0, SPLINE, 2D