

PROJECT TITLE :

	Company		Client	
	Author	Microsoft	File Name	을하고 하부구조(대구)

: MIDAS/Civil Text(MCT) File.
: Date : 2016/1/24

*VERSION
8.4.5

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

*PROJINFO : Project Information
USER=Microsoft
ADDRESS=Microsoft

*REBAR-MATL-CODE : Rebar Material Code
: CONC_CODE, CONC_MDB, SRC_CODE, SRC_MDB
KS01-Civil(RC), SD300, KS01-Civil(RC), SD300

*NODE : Nodes
: iNO, X, Y, Z
1, 0, 0, 0
2, 6.5, 0, 0
3, 0, 0, 5
4, 6.5, 0, 5
15, 0, 0, 6.25
16, 6.5, 0, 6.25
17, 7.5, 0, 6.25
18, 8.171, 0, 6.25
19, 9.5, 0, 6.25
20, -1, 0, 6.25
21, -1.671, 0, 6.25
22, -3, 0, 6.25
23, 1, 0, 6.25
24, 2.5, 0, 6.25
25, 4, 0, 6.25
26, 5.5, 0, 6.25
27, 8.171, 0, 7.5
28, -1.671, 0, 7.5
29, 0, 0, 1
30, 0, 0, 2
31, 0, 0, 3
32, 0, 0, 4
33, 6.5, 0, 1

PROJECT TITLE :

	Company		Client	
	Author	Microsoft	File Name	을하고 하부구조(대구)

34, 6.5, 0, 2
35, 6.5, 0, 3
36, 6.5, 0, 4

*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
)

1, BEAM, 1, 1, 1, 29, 0, 0
2, BEAM, 1, 1, 2, 33, 0, 0
3, BEAM, 1, 2, 22, 21, 0, 0
4, BEAM, 1, 2, 21, 20, 0, 0
5, BEAM, 1, 2, 19, 18, 0, 0
6, BEAM, 1, 2, 18, 17, 0, 0
7, BEAM, 1, 3, 23, 24, 0, 0
8, BEAM, 1, 3, 26, 25, 0, 0
9, BEAM, 1, 4, 24, 25, 0, 0
10, BEAM, 1, 5, 20, 15, 0, 0
11, BEAM, 1, 5, 15, 23, 0, 0
12, BEAM, 1, 5, 26, 16, 0, 0
13, BEAM, 1, 5, 16, 17, 0, 0
14, BEAM, 1, 1, 29, 30, 0, 0
15, BEAM, 1, 1, 30, 31, 0, 0
16, BEAM, 1, 1, 31, 32, 0, 0
17, BEAM, 1, 1, 32, 3, 0, 0
18, BEAM, 1, 1, 33, 34, 0, 0
19, BEAM, 1, 1, 34, 35, 0, 0
20, BEAM, 1, 1, 35, 36, 0, 0
21, BEAM, 1, 1, 36, 4, 0, 0

*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, CONC, C24, 0, 0, , C, NO, 0.05, 1, KS01-Civil(RC), KCI-2012, ,
C24

PROJECT TITLE :				
	Company		Client	
	Author	Microsoft	File Name	을하고 허부구조(대구)

*MATL-COLOR
; iMAT, W_R, W_G, W_B, HF_R, HF_G, HF_B, HE_R, HE_G, HE_B, bBLEND, FACT
1, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

*SECTION ; Section
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] ; 1st l
ine - DB/USER
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL ; 1st l
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)

PROJECT TITLE :				
	Company		Client	
	Author	Microsoft	File Name	을하고 허부구조(대구)

; 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)
; 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
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 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

PROJECT TITLE :

	Company		Client	
	Author	Microsoft	File Name	을하고 하부구조(대구)

```

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
line(STYPE=CMP-CI/CT)
; [SIZE-D]-j ; 11th
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

```

PROJECT TITLE :

	Company		Client	
	Author	Microsoft	File Name	을하고 하부구조(대구)

```

; 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, HUSERJ, iVERT, VUSERI, 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)
; [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCE
LL), 11(nCEL2)
; [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCE
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, DBUSER , 기동 , CC, 0, 0, 0, 0, 0, 0, YES, SR , 2, 2, 0, 0, 0,
0, 0, 0, 0, 0, 0
2, TAPERED , COPING(좌) , CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB , 1, 1, USE
R
1.5, 2.3, 0, 0, 0, 0, 0, 0, 2.5, 2.3, 0, 0, 0, 0, 0, 0
3, TAPERED , COPING(중앙) , CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB , 1, 1, USE
R
2.5, 2.3, 0, 0, 0, 0, 0, 0, 2, 2.3, 0, 0, 0, 0, 0, 0

```

PROJECT TITLE :				
	Company		Client	
	Author	Microsoft	File Name	율하고 허부구조(대구)

4, DBUSER , 중앙 , CC, 0, 0, 0, 0, 0, 0, YES, SB , 2, 2, 2.3, 0, 0
, 0, 0, 0, 0, 0, 0
5, DBUSER , 기동위중앙 , CC, 0, 0, 0, 0, 0, 0, YES, SB , 2, 2.5, 2.3, 0,
0, 0, 0, 0, 0, 0

*SECT-COLOR
: iSEC, W_R, W_G, W_B, HF_R, HF_G, HF_B, HE_R, HE_G, HE_B, bBLEND, FACT
1, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
2, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
3, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
4, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
5, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

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

PROJECT TITLE :				
	Company		Client	
	Author	Microsoft	File Name	율하고 허부구조(대구)

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)
: 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
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 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, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd l
ine(STYPE=CMP-CI/CT)

PROJECT TITLE :

	Company		Client	
	Author	Microsoft	File Name	을하고 하부구조(대구)

```
; 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
line(STYPE=CMP-CI/CT)
; [SIZE-D]-j ; 11th
line(STYPE=CMP-CI/CT)
; iSEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2 ; 1st l
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 l
ine - COMPOSITE-SB
; Hw, tw, B, Bf1, tf1, B2, Bf2, tf2 ; 2nd l
ine
; N1, N2, Hr, Hr2, tr1, tr2 ; 3rd l
ine
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 4th l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st l
ine - COMPOSITE-SI
; Hw, tw, B, tf1, B2, tf2 ; 2nd l
ine
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 3rd l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st l
ine - COMPOSITE-CI/CT
; OPT1, OPT2, [JOINT] ; 2nd l
ine
; [SIZE-A] ; 3rd l
ine
; [SIZE-B] ; 4th l
```

PROJECT TITLE :

	Company		Client	
	Author	Microsoft	File Name	을하고 하부구조(대구)

```
ine
; [SIZE-C] ; 5th l
ine
; [SIZE-D] ; 6th l
ine
; SW, GN, CTC, Bc, Tc, Hh, EgDsb, DgdDsb, Pgd, Psb ; 7th l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st l
ine - PSC
; OPT1, OPT2, [JOINT] ; 2nd l
ine
; bsSHEARCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE ; 3rd l
ine
; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF] ; 4th l
ine
; [SIZE-A] ; 5th l
ine
; [SIZE-B] ; 6th l
ine
; [SIZE-C] ; 7th l
ine
; [SIZE-D] ; 8th l
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(nCEL
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)
; [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCE
LL), 11(nCEL2)
; [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCE
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, DBUSER , 기동 , CC, 0, 0, 0, 0, 0, 0, YES, SR , 2, 2, 0, 0, 0,
```

PROJECT TITLE :				
	Company		Client	
	Author	Microsoft	File Name	을하고 하부구조(대구)

0, 0, 0, 0, 0, 0
2, TAPERED , COPING(좌) , CC, 0, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB , 1, 1, USE
R
1.5, 2.3, 0, 0, 0, 0, 0, 0, 2.5, 2.3, 0, 0, 0, 0, 0, 0
3, TAPERED , COPING(중앙) , CC, 0, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB , 1, 1, USE
R
2.5, 2.3, 0, 0, 0, 0, 0, 0, 2, 2.3, 0, 0, 0, 0, 0, 0
4, DBUSER , 중앙 , CC, 0, 0, 0, 0, 0, 0, 0, YES, SB , 2, 2, 2.3, 0, 0
, 0, 0, 0, 0, 0, 0
5, DBUSER , 기둥위중앙 , CC, 0, 0, 0, 0, 0, 0, 0, YES, SB , 2, 2.5, 2.3, 0,
0, 0, 0, 0, 0, 0, 0

*TS-GROUP : Tapered Section Group
: NAME, ELEM_LIST, ZVAR, ZEXP, ZFROM, ZDIST, YVAR, YEXP, YFROM, YDIST, iSCM
coping, 3to6, LINEAR, , , , LINEAR, , , , 0

*STLDCASE : Static Load Cases
: LCNAME, LCTYPE, DESC
자중 , 0 ,

*CONSTRAINT : Supports
: NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP
1 2, 111111,

*ELASTICLINK
: iNO, iNODE1, iNODE2, LINK, ANGLE, SDx, SDy, SDz, SRx, SRy, SRz, bSHEAR, DRy, DRz, GR
OUP : GEN
: iNO, iNODE1, iNODE2, LINK, ANGLE, bSHEAR, DRy, DRz, GROUP
: RIGID
: iNO, iNODE1, iNODE2, LINK, ANGLE, bSHEAR, DRy, DRz, GROUP
: TENS.COMP
: iNO, iNODE1, iNODE2, LINK, ANGLE, (UN)SYM, NUM, DIST1, FORCE1 ... DIST10, FORCE10, D
IR, bSHEAR, DREND1, GROUP : MULTI LINEAR
1, 21, 28, RIGID, 0, NO, 0.5, 0.5,
2, 18, 27, RIGID, 0, NO, 0.5, 0.5,

*RIGIDLINK : Rigid Link
: M-NODE, DOF, S-NODE LIST, GROUP
15, 111111, 3,
16, 111111, 4,

*USE-STLD, 자중

PROJECT TITLE :				
	Company		Client	
	Author	Microsoft	File Name	을하고 하부구조(대구)

: *SELFWEIGHT, X, Y, Z, GROUP
*SELFWEIGHT, 0, 0, -1,

: End of data for load case [자중] -----

*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, 자중, 255, 160, 255, 163, 255, 160, 0, 128, 192

*DGN-MATL : Modify Steel(Concrete) Material
: iMAT, TYPE, MNAME, [DATA1] : STEEL
: iMAT, TYPE, MNAME, [DATA2], [R-DATA], FC1, bSERV, SHORT, LONG : CONC
: iMAT, TYPE, MNAME, [DATA3], [DATA2], [R-DATA] : SRC
: iMAT, TYPE, MNAME, [DATA5] : STEEL(None) & KSCE-A
SD05
: [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
: [R-DATA]: RBCODE, RBMAIN, RBSUB, FY(R), FYS
1, CONC , C24 , 1, KS01-Civil(RC), ,C24 , NO, 1
, , , , 0, 0, 1713.12323780292, NO, 0, 0, , , , 0,
NO, 1, , , , 0, 0, 0

*SECTION MANAGER-GROUP & PART : Section Manager - Group & Part
: SECT = NO, bSAMEJ : lin
e 1
: GRPDISIZE, GRPDJSIZE, PARTISIZE, PARTJSIZE : lin
e 2
: ;

: LOOP UTIL (GRPDISIZE, GRPDJSIZE) ;

: GROUPID, GROUPNAME, GROUPTYPE : lin
e n
: ;

: LOOP UTIL (PARTISIZE, PARTJSIZE) ;

PROJECT TITLE :

	Company		Client	
	Author	Microsoft	File Name	을하교 하부구조(대구)

```
;          PARTTYPE, GROUPID, PARTNAME, PARTSHAPE, bSTIFFENER          ; lin
e n
;          LINESIZE, LINEINDEX[i].....          ; lin
e n
; .....          ;

      SECT=2, YES
0, 0, 0, 0
      SECT=3, YES
0, 0, 0, 0

*SECTION MANAGER-STIFFENER      ; Section Manager - Stiffener
; SECT = NO, bSAMEJ          ; lin
e 1
;          STFNISIZE, STFNJSIZE          ; lin
e 2
; .....          ;

;          LOOP UTIL (STFNISIZE, STFNJSIZE)          ;

;          TYPE, Z, STANDREF, POSLINE, STANDREFL, NUM, CTC          ; lin
e n
;          STIFFTYPE, dSIZE(0 ~ 20)          ; lin
e n
;          LINESIZE, LINEINDEX[i].....          ; lin
e n
; .....          ;

      SECT=2, YES
0, 0
      SECT=3, YES
0, 0

*ENDDATA
```