

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

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

*VERSION
8.4.5

*UNIT : Unit System
: FORCE, LENGTH, HEAT, TEMPER
KN , 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
10, 0, 0, 8.695
11, 0, 0, 10.195
12, -1.75, 0, 10.195
13, -2.3, 0, 10.195
14, -3.35, 0, 10.195
15, 1.75, 0, 10.195
16, 2.3, 0, 10.195
17, 3.35, 0, 10.195
18, -2.3, 0, 11.695
19, 2.3, 0, 11.695
21, 1.4, 0, 10.195
22, -1.4, 0, 10.195
24, 0, 0, -4.805
25, 0, 0, -3.76653846153846
26, 0, 0, -2.72807692307692
27, 0, 0, -1.68961538461538
28, 0, 0, -0.651153846153846
29, 0, 0, 0.387307692307693
30, 0, 0, 1.42576923076923
31, 0, 0, 2.46423076923077
32, 0, 0, 3.50269230769231
33, 0, 0, 4.54115384615385
34, 0, 0, 5.57961538461539

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

35, 0, 0, 6.61807692307692
36, 0, 0, 7.65653846153846
37, 0, 0, 1.94496923076923
38, 0, 0, -1.50501538461538

*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
)
12, BEAM , 1, 2, 12, 22, 0, 0
13, BEAM , 1, 1, 16, 15, 0, 0
14, BEAM , 1, 1, 17, 16, 0, 0
15, BEAM , 1, 1, 13, 12, 0, 0
16, BEAM , 1, 2, 11, 21, 0, 0
17, BEAM , 1, 2, 21, 15, 0, 0
18, BEAM , 1, 2, 22, 11, 0, 0
19, BEAM , 1, 1, 14, 13, 0, 0
20, BEAM , 1, 3, 24, 25, 0, 0
21, BEAM , 1, 3, 25, 26, 0, 0
22, BEAM , 1, 3, 26, 27, 0, 0
23, BEAM , 1, 3, 27, 38, 0, 0
24, BEAM , 1, 3, 28, 29, 0, 0
25, BEAM , 1, 3, 29, 30, 0, 0
26, BEAM , 1, 3, 30, 37, 0, 0
27, BEAM , 1, 3, 31, 32, 0, 0
28, BEAM , 1, 3, 32, 33, 0, 0
29, BEAM , 1, 3, 33, 34, 0, 0
30, BEAM , 1, 3, 34, 35, 0, 0
31, BEAM , 1, 3, 35, 36, 0, 0
32, BEAM , 1, 3, 36, 10, 0, 0
33, BEAM , 1, 3, 37, 31, 0, 0
34, BEAM , 1, 3, 38, 28, 0, 0

*GROUP : Group
: NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE
column , 10, , 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

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

; [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

*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 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)
 ; [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

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

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
 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 I
 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)

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

```

;      OPT1, OPT2, [JOINT]                                ; 3rd l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-A]-i                                          ; 4th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-B]-i                                          ; 5th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-C]-i                                          ; 6th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-D]-i                                          ; 7th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-A]-j                                          ; 8th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-B]-j                                          ; 9th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-C]-j                                          ; 10th
line(STYPE=COMP-CI/CT)                                    ;
;      [SIZE-D]-j                                          ; 11th
line(STYPE=COMP-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		File Name	단산대학교_하부구조(부산)

```

ine                                                         ;
;      [SIZE-C]                                           ; 5th l
ine                                                         ;
;      [SIZE-D]                                           ; 6th l
ine                                                         ;
;      SW, GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb   ; 7th l
ine                                                         ;
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE                 ; 1st l
ine - PSC                                                  ;
;      OPT1, OPT2, [JOINT]                                ; 2nd l
ine                                                         ;
;      bSHEARCHK, [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(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, TAPERED , 내인보 , CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB , 1, 1, USE

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

R
1.5, 2.5, 0, 0, 0, 0, 0, 0, 3, 2.5, 0, 0, 0, 0, 0, 0
2, DBUSER, 상단 중앙, CC, 0, 0, 0, 0, 0, 0, YES, SB, 2, 3, 2.7489, 0
, 0, 0, 0, 0, 0, 0
3, DBUSER, 기둥, CC, 0, 0, 0, 0, 0, 0, YES, SR, 2, 3.5, 0, 0, 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

*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
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)
: [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

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

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
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 I
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)

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

```

;      OPT1, OPT2, [JOINT]                                ; 3rd l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-A]-i                                          ; 4th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-B]-i                                          ; 5th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-C]-i                                          ; 6th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-D]-i                                          ; 7th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-A]-j                                          ; 8th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-B]-j                                          ; 9th l
ine(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-C]-j                                          ; 10th
line(STYPE=COMP-CI/CT)                                     ;
;      [SIZE-D]-j                                          ; 11th
line(STYPE=COMP-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		File Name	단산대학교_하부구조(부산)

```

ine                                                         ;
;      [SIZE-C]                                             ; 5th l
ine                                                         ;
;      [SIZE-D]                                             ; 6th l
ine                                                         ;
;      SW, GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb   ; 7th l
ine                                                         ;
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE                 ; 1st l
ine - PSC                                                  ;
;      OPT1, OPT2, [JOINT]                                ; 2nd l
ine                                                         ;
;      bSHEARCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE    ; 3rd l
ine                                                         ;
;      bUSERDEFMESHSIZE, MESHSIZE, 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(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, TAPERED , 내민보 , CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB , 1, 1, USE

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	단선대교_하부구조(부산)

R

1.5, 2.5, 0, 0, 0, 0, 0, 0, 3, 2.5, 0, 0, 0, 0, 0, 0
 2, DBUSER, 상단 중앙, CC, 0, 0, 0, 0, 0, 0, YES, SB, 2, 3, 2.7489, 0
 , 0, 0, 0, 0, 0, 0, 0
 3, DBUSER, 기둥, CC, 0, 0, 0, 0, 0, 0, YES, SR, 2, 3.5, 0, 0, 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

왼쪽, 15 19, LINEAR, , , , LINEAR, , , , 0

오른쪽, 13 14, LINEAR, , , , LINEAR, , , , 0

*STLDCASE : Static Load Cases

: LCNAME, LCTYPE, DESC

자중, D,
 고정하중 상부, D,
 활하중 상부, L,
 풍하중-coping, W,
 풍하중-column(NO유), W,
 풍하중-활하중, WL,
 온도하중(교축), T,
 풍하중-column(유고려), W,
 유수압, FP,
 유목충돌, CV,
 온도하중, T,

*DGN-CONC : Concrete Design Code

: CODE=CODE, RHOC, RHOR, RHOW, MRF, SHR-RATIO { , METHOD, A1, A2 }

: line 1

: [ACI318-89] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V

: line 2

: [ACI318-95] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V

: line 2

: [ACI318-99] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V

: line 2

: [ACI318-02] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V, TLF, SLF, TSLCB

: line 2

: [ACI318-05] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V, TLF, SLF, TSLCB

: line 2

: [ACI318-08] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V, TLF, SLF, TSLCB, SPW

ALL, BNDR-MTHD, CD, IE; line 2

: [ACI318-11] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V, TLF, SLF, TSLCB, SPW

ALL, BNDR-MTHD, CD, IE; line 2

PROJECT TITLE :

	Company		Client	
	Author		File Name	단선대교_하부구조(부산)

: [AIK-USD94] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V

: line 2

: [TWN-USD92] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V, bTOR, TRFT, SCWB

: line 2

: [TWN-USD100] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V, bTOR, TRFT, SCWB

: line 2

: [KCI-USD99] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V, TLF, SLF, TSLCB

: line 2

: [KCI-USD03] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V, TLF, SLF, TSLCB

: line 2

: [KCI-USD07] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V, TLF, SLF, TSLCB, SPW

ALL, BNDR-MTHD, CD, IE; line 2

: [KCI-USD12] : bSPECIAL, PHI-B, PHI-T, PHIC1, PHI-C2, PHI-V, TLF, SLF, TSLCB, SPW

ALL, BNDR-MTHD, CD, IE, EXPOSURE; line 2

: [BS8110-97] : GAMMA-MC, GAMMA-MS, GAMMA-MV

: line 2

: [EUROCODE2] : GAMMA-CF, GAMMA-CA, GAMMA-SF, GAMMA-SA, iSCODE

: line 2

: [EUROCODE2:04] : GAMMA-CF, GAMMA-CA, GAMMA-SF, GAMMA-SA, ALPHACC, iSCODE,

: line 2

: bRULE, WEAK-FACT, iDUC, GAMMA-RD-B, GAMMA-RD-C, S-GRUP

: line 2

: FRAMETYPE, AUA1, SPLCK, SOILFACTOR, TB, TC, TD, AGR, I, DAMPINGRAT

, BCJ01INT, NTC2008, UF, GAMMA-RD-W, GAMMA-RD-J; line 2

: STRUT-ANG, bBEHAVIOR-FACT, BEHAVIOR-FACT-VALUE, iNTC, bVCWALL, bVC

COLM, dPHIEF, bAUTOA, bAUTOC, A, B, C; line 2

: [EUROCODE2-2:05]: GAMMA-CF, GAMMA-CA, GAMMA-SF, GAMMA-SA, GAMMA_CL, GAMMA_SL, ALPHAC

C, iSCODE, STRUT-ANG; line 2

: [IS456:2000] : bSPECIAL, GAMMA-C, GAMMA-S, FOS, SubRex

: line 2

: [GB50010-02] : bSPECIAL, GAMMA-C, GAMMA-S, KIND, iSlabType

: line 2

: [GB50010-10] : bSPECIAL, GAMMA-C, GAMMA-S, KIND, iSlabType, bTOR, TRFT

: line 2

: [CSA-A23.3-94] : bSPECIAL, PHI-C, PHI-S, PHI-M

: line 2

: [AIK-WSD2K] : bSPECIAL

: line 2

: [AIJ-WSD99] : bSPECIAL, KIND

: line 2

: [AASHTO-LRFD12] : bSPECIAL, PHI-B, PHI-T, PHI-C1, PHI-C2, PHI-V, KIND

: line 2

: [AASHTO-LRFD02] : bSPECIAL, PHI-B, PHI-T, PHI-C1, PHI-C2, PHI-V, KIND

: line 2

: [AASHTO-LFD96] : bSPECIAL, PHI-B, PHI-T, PHI-C1, PHI-C2, PHI-V

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

; line 2
; [KSCE-USD05] : bSPECIAL, PHI-B, PHI-T, PHI-C1, PHI-C2, PHI-V
; line 2
; [KSCE-USD96] : bSPECIAL, PHI-B, PHI-T, PHI-C1, PHI-C2, PHI-V
; line 2
; [KSCE-RAIL-USE04] : bSPECIAL, PHI-B, PHI-T, PHI-C1, PHI-C2, PHI-V
; line 2
; [TWN-BRG-LSD90] : bSPECIAL, PHI-B, PHI-T, PHI-C1, PHI-C2, PHI-V
; line 2
; [JTJ023-85] : GAMMA-C, GAMMA-S, KIND
; line 2
; [CSA-S6-00] : bSPECIAL, PHI-C, PHI-S, KIND
; line 2
; [IRC:21-2000] : GAMMA-C, GAMMA-S
; line 2
; [SNiP 2.05.03-84*] : nBRIDGE, bmb7mb8, mb7mb8Type, mb7, mb8, bmb9, mb9Type, mb9
; line 2
; [SP 35.13330.2011] : nBRIDGE, bmb7mb8, mb7mb8Type, mb7, mb8, bmb9, mb9Type, mb9
; line 2
; Member Check : bBEAM, bCOLM, bBRCE, bWALL, bSLAB, bMAT, bRBEAM, bRCOLM, bRBRCE, b
RWALL, bRSLAB, bRMAT, bSBEAM, bCANTIL, bUNDER-BM/COLM
CODE=KSCE-USD05, 0, 0, 0, 1, 0, , ,
NO, 0, 0, 0, 0, 0
YES, YES, YES, YES, YES, YES, YES, YES, YES, YES, YES, YES, YES, YES, 0

*CONSTRAINT : Supports
; NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP
24, 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, SDx, 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, 18, 13, RIGID, 0, NO, 0.5, 0.5,
2, 19, 16, RIGID, 0, NO, 0.5, 0.5,

*SECTDATA-CHK : Beam/Column Section Data for Design
; iSEC, TYPE, ENVTYPE : line 1
; [BEAM-T]-I, [BEAM-T]-M, [BEAM-T]-J : line 2(layer1)
; ... : ...

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

; [BEAM-T]-I, [BEAM-T]-M, [BEAM-T]-J : line 11(layer10)
; [BEAM-B]-I, [BEAM-B]-M, [BEAM-B]-J : line 12(layer1)
; ... : ...
; [BEAM-B]-I, [BEAM-B]-M, [BEAM-B]-J : line 21(layer10)
; [SUB-BAR]-I, [SUB-BAR]-M, [SUB-BAR]-J : line 22
; Dc1, [COLM]-P1, [COLM]-P2, [COLM]-P3 : line 2(layer1)
; ... : ...
; Dc5, [COLM]-P1, [COLM]-P2, [COLM]-P3 : line 6(layer5)
; SBSIZE, SBSPACE, SBNUM, SBSIZE(y), SBSIZE(z), SBNUM(y), SBNUM(z) : line 7
; [BEAM-T] : Dt, NUM, S1, S2
; [BEAM-B] : Db, NUM, S1, S2
; [SUB-BAR] : NUM, S, DIST, ANGLE, bTBAR, TBAR, TBAR_S, BUNDLE, BUNDEL_N, LBAR, LBAR_N
, bBUBAR, BUBAR, BUBAR_N, BUBAR_ANGLE
; [COLM] : NUM, S1, S2
3, COLM, DRY
0.1, 104, D25, , 0, , , 0, ,
0.2, 98, D25, , 0, , , 0, ,
0, 0, , , 0, , , 0, ,
0, 0, , , 0, , , 0, ,
0, 0, , , 0, , , 0, ,
, 0, 2, , , 2, 2

*MEMBERTYPE : Modify Member Type
; ELEM_LIST, TYPE, SUBTYPE
20to34, COLUMN, 0

*RIGIDLINK : Rigid Link
; M-NODE, DOF, S-NODE LIST, GROUP
11, 111111, 10,

*USE-STLD, 자중

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

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

*USE-STLD, 고정하중 상부

*CONLOAD : Nodal Loads
; NODE_LIST, FX, FY, FZ, MX, MY, MZ, GROUP
18, 0, 329.55, 0, 0, 0, 0,
19, 0, 329.55, 0, 0, 0, 0,

; End of data for load case [고정하중 상부] -----

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

*USE-STLD, 활하중 상부

*CONLOAD ; Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ, GROUP
18, 0, 0, -1731, 0, 0, 0,
19, 0, 0, -1731, 0, 0, 0,

: End of data for load case [활하중 상부] -----

*USE-STLD, 풍하중-coping

*CONLOAD ; Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ, GROUP
17, -22.5, 0, 0, 0, 0, 0,

: End of data for load case [풍하중-coping] -----

*USE-STLD, 풍하중-column(NO유)

*CONLOAD ; Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ, GROUP
37, -70.875, 0, 0, 0, 0, 0,

: End of data for load case [풍하중-column(NO유)] -----

*USE-STLD, 풍하중-활하중

*CONLOAD ; Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ, GROUP
18, -67.5, 0, 0, 0, -359.77, 0,
19, -67.5, 0, 0, 0, -359.77, 0,

: End of data for load case [풍하중-활하중] -----

*USE-STLD, 풍하중-column(유고려)

*CONLOAD ; Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ, GROUP
32, -53.55, 0, 0, 0, 0, 0,

: End of data for load case [풍하중-column(유고려)] -----

*USE-STLD, 유수압

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

*CONLOAD ; Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ, GROUP
26, -26.833, 0, 0, 0, 0, 0,
38, -2.41, 0, 0, 0, 0, 0,

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

*LOADCOMB ; Combinations
: NAME=NAME, KIND, ACTIVE, bES, iTYPE, DESC, iSERV-TYPE, nLCOMTYPE ; line 1
: ANAL1, LCNAME1, FACT1, ... ; from line 2
NAME=ULB01, CONC, STRENGTH, 0, 0, , 0, 0
ST, 자중, 1.3, ST, 고정하중 상부, 1.3, ST, 활하중 상부, 2.15
ST, 유수압, 1.3
NAME=ULB02, CONC, STRENGTH, 0, 0, , 0, 0
ST, 자중, 1.3, ST, 고정하중 상부, 1.3, ST, 풍하중-coping, 1.3
ST, 풍하중-column(유고려), 1.3, ST, 유수압, 1.3
NAME=ULB03, CONC, STRENGTH, 0, 0, , 0, 0
ST, 자중, 1.3, ST, 고정하중 상부, 1.3, ST, 활하중 상부, 1.3
ST, 풍하중-coping, 0.65, ST, 풍하중-column(유고려), 0.65
ST, 풍하중-활하중, 0.65, ST, 유수압, 1.3
NAME=ULB04, CONC, STRENGTH, 0, 0, , 0, 0
ST, 자중, 1.3, ST, 고정하중 상부, 1.3, ST, 활하중 상부, 1.3
ST, 유수압, 1.3, ST, 온도하중, -1.3
NAME=ULB05, CONC, STRENGTH, 0, 0, , 0, 0
ST, 자중, 1.3, ST, 고정하중 상부, 1.3, ST, 유수압, 1.3
ST, 온도하중, 1.3
NAME=ULB06, CONC, STRENGTH, 0, 0, , 0, 0
ST, 자중, 1.25, ST, 고정하중 상부, 1.25, ST, 풍하중-coping, 1.25
ST, 풍하중-column(유고려), 1.25, ST, 유수압, 1.25, ST, 온도하중, -1.25
NAME=ULB07, CONC, STRENGTH, 0, 0, , 0, 0
ST, 온도하중, 1.25, ST, 자중, 1.25, ST, 고정하중 상부, 1.25
ST, 풍하중-coping, 1.25, ST, 풍하중-column(유고려), 1.25
ST, 유수압, 1.25
NAME=ULB08, CONC, STRENGTH, 0, 0, , 0, 0
ST, 자중, 1.25, ST, 고정하중 상부, 1.25, ST, 풍하중-coping, 0.65
ST, 풍하중-column(유고려), 0.65, ST, 풍하중-활하중, 0.65
ST, 유수압, 1.25, ST, 온도하중, -1.25
NAME=ULB09, CONC, STRENGTH, 0, 0, , 0, 0
ST, 온도하중, 1.25, ST, 자중, 1.25, ST, 고정하중 상부, 1.25
ST, 활하중 상부, 1.25, ST, 풍하중-coping, 0.625
ST, 풍하중-활하중, 0.625, ST, 풍하중-column(유고려), 0.625
ST, 유수압, 1.25
NAME=최대, CONC, STRENGTH, 0, 1, , 0, 0
CBC, ULB01, 1, CBC, ULB02, 1, CBC, ULB03, 1, CBC, ULB04, 1

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

CBC, ULB05, 1, CBC, ULB06, 1, CBC, ULB07, 1, CBC, ULB08, 1
CBC, ULB09, 1

*LC-COLOR : Diagram Color for Load Case

: ANAL, LCNAME, iR1(ALL), iG1(ALL), iB1(ALL), iR2(MIN), iG2(MIN), iB2(MIN), iR3(MAX),
iG2(MAX), iB2(MAX)

ST, 자중, 192, 0, 128, 128, 192, 0, 85, 192, 0
ST, 고정하중 상부, 255, 255, 255, 0, 157, 192, 160, 192, 255
ST, 활하중 상부, 0, 128, 128, 210, 210, 210, 0, 128, 57
ST, 풍하중-coping, 0, 128, 255, 192, 192, 0, 85, 0, 192
ST, 풍하중-column(N0유), 255, 160, 255, 146, 0, 255, 163, 255, 160
ST, 풍하중-활하중, 0, 192, 192, 255, 160, 255, 212, 160, 255
ST, 온도하중(교축), 85, 192, 0, 0, 128, 192, 0, 157, 192
ST, 풍하중-column(유고려), 255, 0, 128, 210, 210, 210, 0, 157, 192
ST, 유수압, 163, 160, 255, 146, 0, 255, 192, 192, 192
ST, 유목충돌, 0, 128, 192, 210, 210, 210, 210, 210, 210
CBC, ULB01, 255, 87, 128, 255, 192, 87, 255, 255, 255
CBC, ULB02, 160, 255, 255, 192, 0, 128, 0, 128, 192
CBC, ULB03, 192, 0, 192, 255, 160, 255, 163, 160, 255
CBC, ULB04, 0, 128, 192, 0, 157, 192, 255, 0, 128
CBC, ULB05, 192, 128, 0, 255, 160, 255, 78, 0, 255
CBC, ULB06, 0, 128, 128, 255, 87, 128, 163, 160, 255
CBC, ULB07, 78, 0, 255, 163, 255, 160, 0, 192, 128
CBC, ULB08, 255, 128, 0, 255, 192, 160, 192, 192, 192
CBC, ULB09, 255, 0, 128, 0, 157, 192, 0, 128, 57
ST, 온도하중, 93, 255, 87, 163, 160, 255, 128, 192, 0
CBC, 최대, 0, 128, 192, 160, 192, 255, 255, 128, 0

*MEMBER : Member

: iKEY, ELEM, bREVERSE, AELEM1, AELEM2, ...
1, 20, NO, 21, 22, 23, 34, 24, 25, 26, 33, 27, 28, 29, 30, 31, 32

*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

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

: MIN1, MIN2, MIN3
: [R-DATA]: RBCODE, RBMAIN, RBSUB, FY(R), FYS
1, CONC, C24, 1, KS01-Civil(RC), C24, NO, 1
, KS01-Civil(RC), SD300, SD300, 16800, NO, 0, 0,
, 0, NO, 1, , , 0, 0, 0

*LCOM-RCCOL : Load Combination for RC Column

: STRE=ST_LCNAME1, ST_LCNAME2, ST_LCNAME3, ...
: SERV=SE_LCNAME1, SE_LCNAME2, SE_LCNAME3, ...
: GRUP=CG_LCNAME1, CG_LCNAME2, CG_LCNAME3, ...
STRE=ULB09, ULB08, ULB07, ULB06, ULB05, ULB04, ULB03, ULB02, ULB01
GRUP=column

*DPAR-RCCOL : Design Parameter for RC Column

: EL_LIST, iXDirBd, iYDirBd, bPosi, bPosj, bPosm, bAutoEq : 1st l
ine
: bAutoDeltans, bAutoDeltas, bShChk, bAutoBd, Rhomax, Cmy, Cnz, : 2nd l
ine
: Dc, Deltansy, Deltansz, Deltasy, Deltasz, Remark : 3rd l
ine
: bCTC, CTC, bBd_NS, Bd_nsy, Bd_nsz, bBd_S, Bd_sy, Bd_sz, bRS, Ry, Rz : 4th l
ine
20, 0, 0, YES, NO, NO, YES
YES, YES, YES, YES, 0.08, 1, 1
0.15, 1, 1, 1, 1,
NO, 0, NO, 0, 0, NO, 0, 0, NO, 0, 0

*CPAR-RCCOL : Checking Parameter for RC Column

: ELEM = ELEM, REMARK : line 1
: POSITIONI = DC1, [COLM]-P1, [COLM]-P2, [COLM]-P3 : line 2(layer1)
: ... : ...
: DC5, [COLM]-P1, [COLM]-P2, [COLM]-P3 : line 6(layer5)
: SBNUM, SBDIST, SBSIZE : line 7
: POSITIONM = DC1, [COLM]-P1, [COLM]-P2, [COLM]-P3 : line 8(layer1)
: ... : ...
: DC5, [COLM]-P1, [COLM]-P2, [COLM]-P3 : line 12(layer5)
: SBNUM, SBDIST, SBSIZE : line 13
: POSITIONJ = DC1, [COLM]-P1, [COLM]-P2, [COLM]-P3 : line 14(layer1)
: ... : ...
: DC5, [COLM]-P1, [COLM]-P2, [COLM]-P3 : line 18(layer5)
: SBNUM, SBDIST, SBSIZE : line 19
: [COLM] : NUM, S1, S2
ELEM = 20,
POSITIONI = 0.1, 103, D25, , 0, , , 0, ,
POSITIONI = 0.2, 97, D25, , 0, , , 0, ,

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

POSITIONI = 0, 0, , , 0, , , 0, ,
POSITIONI = 0, 0, , , 0, , , 0, ,
POSITIONI = 0, 0, , , 0, , , 0, ,
0, 0,
POSITIONM = 0, 0, , , 0, , , 0, ,
POSITIONM = 0, 0, , , 0, , , 0, ,
POSITIONM = 0, 0, , , 0, , , 0, ,
POSITIONM = 0, 0, , , 0, , , 0, ,
POSITIONM = 0, 0, , , 0, , , 0, ,
0, 0,
POSITIONJ = 0, 0, , , 0, , , 0, ,
POSITIONJ = 0, 0, , , 0, , , 0, ,
POSITIONJ = 0, 0, , , 0, , , 0, ,
POSITIONJ = 0, 0, , , 0, , , 0, ,
POSITIONJ = 0, 0, , , 0, , , 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) ;
; PARTTYPE, GROUPID, PARTNAME, PARTSHAPE, bSTIFFENER ; lin
e n
; LINESIZE, LINEINDEX[i]..... ; lin
e n
; ;
SECT=1, YES
0, 0, 0, 0
*SECTION MANAGER-STIFFENER ; Section Manager - Stiffener
; SECT = NO, bSAMEJ ; lin
e 1
; STFNISIZE, STFNJSIZE ; lin

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_하부구조(부산)

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=1, YES
0, 0
*ENDDATA