

PROJECT TITLE :

	Company		Client	
	Author		File Name	단산대학교_허부구조(대구)

: 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

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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

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; [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

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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)

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;      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

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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                                                    ;
;      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(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, TAPERED , 내인보 , CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB , 1, 1, USE

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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

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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)

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;      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

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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 , 내민보 , CC, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB , 1, 1, USE

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	단선대교_하부구조(대구)

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(대구)

: [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(대구)

; 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
; [SNI P 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 :

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	Author		File Name	단산대학교_하부구조(대구)

; [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(대구)

*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(대구)

*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 :

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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 :

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	Author		File Name	단산대학교_하부구조(대구)

; 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
: POSITIONNM = 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
: POSITIONNJ = 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(대구)

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 :

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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