

MIDAS/CivilTEXT FILE OUTPUTPROJECT TITLE :MIDASCompanyClientFile Name목주교-원분배

;

MIDAS/Civil Text(MCT) File.

;

Date : 2015/11/14

*VERSION

8.4.5

*UNIT

; Unit System

; FORCE, LENGTH, HEAT, TEMPER

KN, M, KCAL, C

*STRUCTYPE

; Structure Type

; ISTYP, iMAS, iSMAS, bMASSOFFSET, bSELFWEIGHT, GRAV, TEMPER, bALIGNBEAM, bALIGNSLAB, bROTIGRID

1, 1, 1, NO, NO, 9.806, 0, NO, NO, NO

*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, 0.85, 0, 0

3, 1, 0, 0

4, 3, 0, 0

5, 3.15, 0, 0

6, 3.456, 0, 0

7, 4.75, 0, 0

9, 4.55, 0, 0

10, 4.408, 0, 0

11, 4.95, 0, 0

12, 5.135, 0, 0

13, 6.35, 0, 0

14, 6.208, 0, 0

15, 8.956, 0, 0

16, 8.65, 0, 0

17, 8.5, 0, 0

18, 9.862, 0, 0

19, 10.05, 0, 0

20, 10.25, 0, 0

21, 6.5, 0, 0

22, 20.5, 0, 0

23, 19.65, 0, 0

24, 19.5, 0, 0

25, 17.5, 0, 0

26, 17.35, 0, 0

Modeling, Integrated Design & Analysis Software

Print Date/Time : 11/14/2015 04:17

http://www.MidasUser.com

MIDAS/Civil V 8.4.5

- 1 / 11 -

MIDAS/CivilTEXT FILE OUTPUTPROJECT TITLE :MIDASCompanyClientFile Name목주교-원분배

27, 17.044, 0, 0

28, 16.092, 0, 0

29, 15.95, 0, 0

30, 15.75, 0, 0

31, 15.55, 0, 0

32, 15.365, 0, 0

33, 14.292, 0, 0

34, 14.15, 0, 0

35, 14, 0, 0

36, 12, 0, 0

37, 11.85, 0, 0

38, 11.544, 0, 0

39, 10.638, 0, 0

40, 10.45, 0, 0

41, 10, 0, 0

42, 10.5, 0, 0

43, 0.45, 0, 0

44, 20.05, 0, 0

*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, 43, 0, 0

2, BEAM, 1, 2, 2, 3, 0, 0

3, BEAM, 1, 2, 3, 4, 0, 0

4, BEAM, 1, 2, 4, 5, 0, 0

5, BEAM, 1, 3, 5, 6, 0, 0

6, BEAM, 1, 10, 6, 10, 0, 0

7, BEAM, 1, 4, 10, 9, 0, 0

8, BEAM, 1, 5, 9, 7, 0, 0

9, BEAM, 1, 5, 7, 11, 0, 0

10, BEAM, 1, 7, 11, 12, 0, 0

11, BEAM, 1, 10, 12, 14, 0, 0

12, BEAM, 1, 1, 14, 13, 0, 0

13, BEAM, 1, 2, 13, 21, 0, 0

15, BEAM, 1, 2, 17, 16, 0, 0

16, BEAM, 1, 3, 16, 15, 0, 0

17, BEAM, 1, 10, 15, 18, 0, 0

18, BEAM, 1, 6, 18, 41, 0, 0

19, BEAM, 1, 8, 19, 20, 0, 0

20, BEAM, 1, 2, 21, 17, 0, 0

21, BEAM, 1, 1, 22, 44, 0, 0

22, BEAM, 1, 2, 23, 24, 0, 0

23, BEAM, 1, 2, 24, 25, 0, 0

Modeling, Integrated Design & Analysis Software

Print Date/Time : 11/14/2015 04:17

http://www.MidasUser.com

MIDAS/Civil V 8.4.5

- 2 / 11 -

MIDAS/CivilTEXT FILE OUTPUTPROJECT TITLE :MIDASCompanyClientFile Name목주교-원분배

24, BEAM, 1, 2, 25, 26, 0, 0

25, BEAM, 1, 3, 26, 27, 0, 0

26, BEAM, 1, 10, 27, 28, 0, 0

27, BEAM, 1, 4, 28, 29, 0, 0

28, BEAM, 1, 5, 29, 30, 0, 0

29, BEAM, 1, 5, 30, 31, 0, 0

30, BEAM, 1, 7, 31, 32, 0, 0

31, BEAM, 1, 10, 32, 33, 0, 0

32, BEAM, 1, 1, 33, 34, 0, 0

33, BEAM, 1, 2, 34, 35, 0, 0

34, BEAM, 1, 2, 36, 37, 0, 0

35, BEAM, 1, 3, 37, 38, 0, 0

36, BEAM, 1, 10, 38, 39, 0, 0

37, BEAM, 1, 6, 39, 42, 0, 0

38, BEAM, 1, 8, 40, 20, 0, 0

39, BEAM, 1, 2, 35, 36, 0, 0

40, BEAM, 1, 6, 41, 19, 0, 0

41, BEAM, 1, 6, 42, 40, 0, 0

42, BEAM, 1, 1, 43, 2, 0, 0

43, BEAM, 1, 1, 44, 23, 0, 0

*MATERIAL

; Material

; iMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA1] ; STEEL, CONC, USE

R

; iMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA2], [DATA2] ; SRC

; [DATA1] : 1, DB, NAME, CODE

; [DATA1] : 2, ELAST, POISN, THERMAL, DEN, MASS

; [DATA1] : 3, Ex, Ey, Ez, Tx, Ty, Tz, Sxy, Sxz, Syz, Pxy, Pxz, Pyz, DEN, MASS ; Orthotropic

; [DATA2] : 1, DB, NAME, CODE or 2, ELAST, POISN, THERMAL, DEN, MASS

1, CONC, C27, 0, 0, C, NO, 0.05, 1, KS01-Civil(RC), KCI-2012, C27

*MATL-COLOR

; iMAT, W_R, W_G, W_B, HF_R, HF_G, HF_B, HE_R, HE_G, HE_B, bBLEND, FACT

1, 128, 128, 128, 192, 192, 192, 128, 128, 128, YES, 0.09

*SECTION

; Section

; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] ; 1st line - DB/USER

; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL ; 1st line - VALUE

; AREA, ASy, ASz, Ixx, Iyy, Izz ; 2nd line

; CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz ; 3rd line

; Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th line

; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF, THERMAL ; 1st line - SRC

; D1, D2, [SRC] ; 2nd line

; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st line - COMBINED

; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23, D24

; iSEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iyVAR, izVAR, STYPE ; 1st line - TAPERED

Modeling, Integrated Design & Analysis Software

Print Date/Time : 11/14/2015 04:17

http://www.MidasUser.com

MIDAS/Civil V 8.4.5

- 3 / 11 -

MIDAS/CivilTEXT FILE OUTPUTPROJECT TITLE :MIDASCompanyClientFile Name목주교-원분배

DB, NAME1, NAME2 ; 2nd line(STYPE=DB)

[DIM1], [DIM2] ; 2nd line(STYPE=USER)

D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd line(STYPE=VALUE)

AREA1, ASy1, ASz1, Ixx1, Iyy1, Izz1 ; 3rd line(STYPE=VALUE)

CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th line(STYPE=VALUE)

Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th line(STYPE=VALUE)

D21, D22, D23, D24, D25, D26, D27, D28 ; 6th line(STYPE=VALUE)

AREA2, ASy2, ASz2, Ixx2, Iyy2, Izz2 ; 7th line(STYPE=VALUE)

CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 ; 8th line(STYPE=VALUE)

Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 ; 9th line(STYPE=VALUE)

OPT1, OPT2, [JOINT] ; 2nd line(STYPE=PSC)

ELAST, DEN, POIS, POIC, THERMAL ; 2nd line(STYPE=PSC-CMPW)

bSHEARCHK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], Wl, Wj, bSYM, bSIDEHOLE ; 3rd line(STYPE=PSC)

bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] ; 3rd line(STYPE=PSC-CMPW)

bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] ; 4th line(STYPE=PSC)

[SIZE-A]-i ; 5th line(STYPE=PSC)

[SIZE-B]-i ; 6th line(STYPE=PSC)

[SIZE-C]-i ; 7th line(STYPE=PSC)

[SIZE-D]-i ; 8th line(STYPE=PSC)

[SIZE-A]-j ; 9th line(STYPE=PSC)

[SIZE-B]-j ; 10th line(STYPE=PSC)

[SIZE-C]-j ; 11th line(STYPE=PSC)

[SIZE-D]-j ; 12th line(STYPE=PSC)

GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, EsEc-L, EsEc-S ; 2nd line(STYPE=CMP-B/I)

SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i ; 3rd line(STYPE=CMP-B/I)

SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th line(STYPE=CMP-B/I)

N1, N2, Hr, Hr2, tr1, tr2 ; 5th line(STYPE=CMP-B)

GN, CTC, Bc, Tc, Hh, Egdsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd line(STYPE=CMP-CI/CT)

OPT1, OPT2, [JOINT] ; 3rd line(STYPE=CMP-CI/CT)

[SIZE-A]-i ; 4th line(STYPE=CMP-CI/CT)

[SIZE-B]-i ; 5th line(STYPE=CMP-CI/CT)

[SIZE-C]-i ; 6th line(STYPE=CMP-CI/CT)

[SIZE-D]-i ; 7th line(STYPE=CMP-CI/CT)

[SIZE-A]-j ; 8th line(STYPE=CMP-CI/CT)

[SIZE-B]-j ; 9th line(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 line - CONSTRUCT

SHAPE, ...(same with other type data from shape) ; Before (STYPE1)

SHAPE, ...(same with other type data from shape) ; After (STYPE2)

iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st line - COMPOSITE-SB

Hw, tw, B, Bf1, tf1, B2, Bf2, tf2 ; 2nd line

N1, N2, Hr, Hr2, tr1, tr2 ; 3rd line

SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 4th line

iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st line - COMPOSITE-SI

Hw, tw, B, tf1, B2, tf2 ; 2nd line

SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 3rd line

Modeling, Integrated Design & Analysis Software

Print Date/Time : 11/14/2015 04:17

http://www.MidasUser.com

MIDAS/Civil V 8.4.5

- 4 / 11 -

PROJECT TITLE :

	Company		Client	
	Author		File Name	목주교-원분배

```

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

```

TEXT FILE OUTPUT

PROJECT TITLE :

	Company		Client	
	Author		File Name	목주교-황분배

1, TAPERED	, 250to300	, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB, 1, 1, USER
0.25, 1, 0, 0, 0, 0, 0, 0, 0.3, 1, 0, 0, 0, 0, 0, 0		
2, TAPERED	, 300to346	, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB, 1, 1, USER
0.3, 1, 0, 0, 0, 0, 0, 0, 0.346, 1, 0, 0, 0, 0, 0, 0		
3, TAPERED	, 346to250	, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB, 1, 1, USER
0.346, 1, 0, 0, 0, 0, 0, 0, 0.25, 1, 0, 0, 0, 0, 0, 0		
4, TAPERED	, 250to319	, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB, 1, 1, USER
0.25, 1, 0, 0, 0, 0, 0, 0, 0.319, 1, 0, 0, 0, 0, 0, 0		
5, TAPERED	, 319to327	, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB, 1, 1, USER
0.319, 1, 0, 0, 0, 0, 0, 0.327, 1, 0, 0, 0, 0, 0, 0		
6, TAPERED	, 250to327	, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB, 1, 1, USER
0.25, 1, 0, 0, 0, 0, 0, 0, 0.327, 1, 0, 0, 0, 0, 0, 0		
7, TAPERED	, 327to250	, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, SB, 1, 1, USER
0.327, 1, 0, 0, 0, 0, 0, 0, 0.25, 1, 0, 0, 0, 0, 0, 0		
8, DBUSER	, 327	, CT, 0, 0, 0, 0, 0, 0, YES, SB, 2, 0.327, 1, 0, 0, 0, 0, 0, 0, 0
10, DBUSER	, 250	, CT, 0, 0, 0, 0, 0, 0, YES, SB, 2, 0.25, 1, 0, 0, 0, 0, 0, 0, 0
11, DBUSER	, 300	, CT, 0, 0, 0, 0, 0, 0, YES, SB, 2, 0.3, 1, 0, 0, 0, 0, 0, 0, 0

```

*TS-GROUP      ; Tapered Section Group
; NAME, ELEM_LIST, ZVAR, ZEXP, ZFROM, ZDIST, YVAR, YEXP, YFROM, YDIST, ISCM
1, 2to4 13 15 20 22to24 33 34 39, LINEAR, , , , LINEAR, , , , 0
2, 8 9 28 29, LINEAR, , , , LINEAR, , , , 0
3, 18 37 40 41, LINEAR, , , , LINEAR, , , , 0
4, 1 21 42 43, LINEAR, , , , LINEAR, , , , 0

*STLDCASE      ; Static Load Cases
; LCNAME, LCTYPE, DESC
Deck , D ,
2nd , D ,

```

MIDAS/CivilTEXT FILE OUTPUTPROJECT TITLE :MIDASCompanyClientAuthorFile Name목주교-황분배

*CONSTRAINT ; Supports; NODE_LIST, CONST(Dx,Dy,Rz,Rx,Ry,Rz), GROUP20, 101000,3 4 7 17 21 24 25 30 35 36, 001000,*USE-STLD, Deck; *SELFWEIGHT, X, Y, Z, GROUP*SELFWEIGHT, 0, 0, -1,; End of data for load case [Deck] -----*USE-STLD, 2nd*BEAMLOAD ; Element Beam Loads; ELEM_LIST, CMD, TYPE, DIR, bPROJ, [ECCEN], [VALUE], GROUP; ELEM_LIST, CMD, TYPE, TYPE, DIR, VX, VY, VZ, bPROJ, [ECCEN], [VALUE], GROUP; [VALUE] : D1, P1, D2, P2, D3, P3, D4, P4; [ECCEN] : bECCEN, ECCDIR, I-END, J-END, bJ-END; [ADDITIONAL] : bADDITIONAL, ADDITIONAL_I-END, ADDITIONAL_J-END, bADDITIONAL_J-END1, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0.0666667, -25, 0.577778, -25, 0.733333, -7.5, 1, -3.125, , NO,0, 0, NO,2, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,3, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,4, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,5, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,6, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,7, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,8, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,9, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,10, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,11, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,12, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,13, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,15, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,16, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,17, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,18, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,19, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -9.5, 1, -9.5, 0, 0, 0, , NO, 0, 0, NO,20, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,21, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0.0666667, -25, 0.577778, -25, 0.733333, -7.5, 1, -3.125, , NO,0, 0, NO,22, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,23, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,24, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,Modeling, Integrated Design & Analysis Softwarehttp://www.MidasUser.comMIDAS/Civil V 8.4.5Print Date/Time : 11/14/2015 04:17- 9 / 11 -

MIDAS/CivilTEXT FILE OUTPUTPROJECT TITLE :MIDASCompanyClientAuthorFile Name목주교-황분배

25, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,26, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,27, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,28, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,29, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,30, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,31, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,32, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,33, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,34, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,35, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,36, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,37, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,38, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -9.5, 1, -9.5, 0, 0, 0, , NO, 0, 0, NO,39, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,40, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -9.5, 1, -9.5, 0, 0, 0, , NO, 0, 0, NO,41, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -9.5, 1, -9.5, 0, 0, 0, , NO, 0, 0, NO,42, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,43, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , -1.84, 1, -1.84, 0, 0, 0, , NO, 0, 0, NO,; End of data for load case [2nd] -----*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, Deck, 163, 160, 255, 148, 87, 255, 163, 160, 255ST, 2nd, 192, 192, 192, 255, 255, 87, 146, 0, 255*DGN-MATL ; Modify Steel(Concrete) Material; iMAT, TYPE, MNAME, [DATA1] ; STEEL; iMAT, TYPE, MNAME, [DATA2], [R-DATA], FCI, bSERV, SHORT, LONG ; CONC; iMAT, TYPE, MNAME, [DATA3], [DATA2], [R-DATA] ; SRC; iMAT, TYPE, MNAME, [DATA5] ; STEEL(None) & KSCE-ASD05; [DATA1] : 1, DB, CODE, NAME or 2, ELAST, POISN, FU, FY1, FY2, FY3, FY4; FY5, FY6, AFT, AFT2, AFT3, FY, AFV, AFV2, AFV3; [DATA2] : 1, DB, CODE, NAME or 2, FC, CHK, LAMBDA; [DATA3] : 1, DB, CODE, NAME or 2, ELAST, FU, FY1, FY2, FY3, FY4; FY5, FY6, AFT, AFT2, AFT3, FY, AFV, AFV2, AFV3; [DATA4] : 1, DB, CODE, NAME or 2, FC; [DATA5] : 3, ELAST, POISN, AL1, AL2, AL3, AL4, AL5, AL6, AL7, AL8, AL9, AL10; MIN1, MIN2, MIN3; [R-DATA]: RBCODE, RBMAIN, RBSUB, FY(R), FYS1, CONC, C27, 1, KS01-Civil(RC), C27, NO, 1, , , , 0, 0, 18900, NO, 0, 0, , , , 0, NO, 1, , , , 0, 0,*SECTION MANAGER-GROUP & PART ; Section Manager - Group & Part; SECT = NO, bSAMEJ ; line 1Modeling, Integrated Design & Analysis Softwarehttp://www.MidasUser.comMIDAS/Civil V 8.4.5Print Date/Time : 11/14/2015 04:17- 10 / 11 -

MIDAS/CivilTEXT FILE OUTPUTPROJECT TITLE :MIDASCompanyClientAuthorFile Name목주교-황분배

; GRPDISIZE, GRPDJSIZE, PARTSIZE, PARTJSIZE ; line 2;; LOOP UTIL (GRPDISIZE, GRPDJSIZE) ;; GROUPID, GROUPNAME, GROUPTYPE ; line n;; LOOP UTIL (PARTSIZE, PARTJSIZE) ;; PARTTYPE, GROUPID, PARTNAME, PARTSHAPE, bSTIFFENER ; line n; LINESIZE, LINEINDEX[i]..... ; line n;; SECT=1, YES0, 0, 0, 0SECT=2, YES0, 0, 0, 0SECT=3, YES0, 0, 0, 0SECT=4, YES0, 0, 0, 0SECT=5, YES0, 0, 0, 0SECT=6, YES0, 0, 0, 0*SECTION MANAGER-STIFFENER ; Section Manager - Stiffener; SECT = NO, bSAMEJ ; line 1; STFNISIZE, STFNJSIZE ; line 2;; LOOP UTIL (STFNISIZE, STFNJSIZE) ;; TYPE, Z, STANDREF, POSLINE, STANDREFL, NUM, CTC ; line n; STIFFTYPE, dSIZE(0 ~ 20) ; line n; LINESIZE, LINEINDEX[i]..... ; line n;; SECT=1, YES0, 0SECT=2, YES0, 0SECT=3, YES0, 0SECT=4, YES0, 0SECT=5, YES0, 0SECT=6, YES0, 0*ENDDATAModeling, Integrated Design & Analysis Softwarehttp://www.MidasUser.comMIDAS/Civil V 8.4.5Print Date/Time : 11/14/2015 04:17- 11 / 11 -