■ 청도천2교 대구방향(P2) 하부 output

LOAD SET FOR ELEMENT OUTPUTS - Load Set 1

<< LOAD COMBI/CASE/ENVEL ABBREVIATION TABLE >>

ABBREVIATION	FULL NAME	TYPE	DESCRIPTION
No Abbreviation was made in this Load Set. All names are less than 8 char.'s			

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[Selected Load Cases]

LOAD CASE DESCRIPTION	ANAL.TYPE	STATIC LOAD CASE DETAIL TYPE
D	Static	User Defined Load (USER)
L	Static	User Defined Load (USER)
W-TR	Static	User Defined Load (USER)
WL	Static	User Defined Load (USER)
W-LO	Static	User Defined Load (USER)

BEAM ELEMENT FORCES & MOMENTS DEFAULT PRINTOUT Unit System : kN , m

ELEM	MAT	SEC	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z
1	1	1	D	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	175.2	0.0	-157.7	0.0
			L	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	-18.0	0.0	0.0	0.0	0.0	
				J	-18.0	0.0	0.0	0.0	0.0	
			WL	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-LO	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	-14.6	0.0	0.0	0.0	13.1
2	1	2	D	I	0.0	0.0	175.2	0.0	-157.7	0.0
				J	0.0	0.0	204.6	0.0	-195.7	0.0
			L	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	-18.0	0.0	0.0	0.0	0.0	
				J	-18.0	0.0	0.0	0.0	0.0	
			WL	I	-0.0	0.0	0.0	0.0	0.0	
				J	-0.0	0.0	0.0	0.0	0.0	
			W-LO	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	-21.8	0.0	0.0	0.0	16.8
3	1	2	D	I	0.0	0.0	4561.0	0.0	-195.7	0.0
				J	0.0	0.0	4715.5	0.0	-5065.8	0.0
			L	I	0.0	0.0	819.8	0.0	0.0	0.0
				J	0.0	0.0	819.8	0.0	-860.8	0.0
			W-TR	I	-224.7	0.0	0.0	0.0	623.1	0.0
				J	-224.7	0.0	0.0	0.0	623.1	0.0
			WL	I	-25.0	0.0	0.0	0.0	135.7	0.0
				J	-25.0	0.0	0.0	0.0	135.7	0.0
			W-LO	I	0.0	0.0	0.0	0.0	16.8	
				J	0.0	-59.6	0.0	0.0	0.0	59.5
4	1	2	D	I	56.3	0.0	-404.5	0.0	-3984.5	0.0
				J	56.3	0.0	-220.6	0.0	-3593.8	0.0
			L	I	9.2	0.0	-27.7	0.0	-665.1	0.0
				J	9.2	0.0	-27.7	0.0	-630.4	0.0
			W-TR	I	-21.0	0.0	1405.6	0.0	3808.3	0.0
				J	-21.0	0.0	1405.6	0.0	2051.3	0.0
			WL	I	-0.0	0.0	170.5	0.0	468.8	0.0
				J	-0.0	0.0	170.5	0.0	255.7	0.0
			W-LO	I	0.0	99.0	0.0	-0.0	0.0	61.0
				J	0.0	54.0	0.0	-0.0	0.0	-34.6
5	1	2	D	I	56.3	0.0	-220.6	0.0	-3593.8	0.0
				J	56.3	0.0	220.6	0.0	-3593.8	0.0
			L	I	9.2	0.0	-27.7	0.0	-630.4	0.0
				J	9.2	0.0	-27.7	0.0	-547.2	0.0
			W-TR	I	-21.0	0.0	1405.6	0.0	2051.3	0.0
				J	-21.0	0.0	1405.6	0.0	-2165.5	0.0
			WL	I	-0.0	0.0	170.5	0.0	255.7	0.0
				J	-0.0	0.0	170.5	0.0	-255.7	0.0
			W-LO	I	0.0	54.0	0.0	-0.0	0.0	-34.6
				J	0.0	-54.0	0.0	-0.0	0.0	-34.6
6	1	2	D	I	56.3	0.0	220.6	0.0	-3593.8	0.0
				J	56.3	0.0	404.5	0.0	-3984.5	0.0
			L	I	9.2	0.0	-27.7	0.0	-547.2	0.0
				J	9.2	0.0	-27.7	0.0	-512.5	0.0
			W-TR	I	-21.0	0.0	1405.6	0.0	-2165.5	0.0
				J	-21.0	0.0	1405.6	0.0	-3922.5	0.0
			WL	I	-0.0	0.0	170.5	0.0	-255.7	0.0
				J	-0.0	0.0	170.5	0.0	-468.8	0.0
			W-LO	I	0.0	-54.0	0.0	-0.0	0.0	-34.6
				J	0.0	-99.0	0.0	-0.0	0.0	61.0
7	1	2	D	I	0.0	0.0	-4715.5	0.0	-5065.8	0.0
				J	0.0	0.0	-4561.0	0.0	-195.7	0.0
			L	I	0.0	0.0	-637.3	0.0	-669.2	0.0
				J	0.0	0.0	-637.3	0.0	0.0	0.0
			W-TR	I	206.7	0.0	0.0	0.0	-623.1	0.0
				J	206.7	0.0	0.0	0.0	-623.1	0.0
			WL	I	25.0	0.0	0.0	0.0	-135.7	0.0
				J	25.0	0.0	0.0	0.0	-135.8	0.0
			W-LO	I	0.0	59.6	0.0	0.0	0.0	59.5
				J	0.0	21.8	0.0	0.0	0.0	16.8
8	1	2	D	I	0.0	0.0	-204.6	0.0	-195.7	0.0
				J	0.0	0.0	-175.2	0.0	-157.7	0.0
			L	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	-0.0	0.0	0.0	0.0	0.0	
				J	-0.0	0.0	0.0	0.0	0.0	
			WL	I	-0.0	0.0	0.0	0.0	0.0	
				J	-0.0	0.0	0.0	0.0	0.0	
			W-LO	I	0.0	21.8	0.0	0.0	0.0	16.8
				J	0.0	14.6	0.0	0.0	0.0	13.1
9	1	1	D	I	0.0	0.0	-175.2	0.0	-157.7	0.0
				J	0.0	0.0	0.0	0.0	0.0	
			L	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			WL	I	0.0	0.0	0.0	0.0	0.0	
				J	0.0	0.0	0.0	0.0	0.0	
			W-LO	I	0.0	14.6	0.0	0.0	0.0	13.1
				J	0.0	0.0	0.0	0.0	0.0	
10	1	3	D	I	-5120.0	0.0	-56.3	0.0	-1013.7	0.0
				J	-8425.4	0.0	-56.3	0.0	532.0	0.0
			L	I	-847.6	0.0	-9.2	0.0	-184.7	0.0
				J	-847.6	0.0	-9.2	0.0	67.2	0.0
			W-TR	I	1405.6	0.0	-203.7	0.0	-2940.7	0.0
				J	1405.6	0.0	-306.7	0.0	4068.4	0.0
			WL	I	170.5	0.0	-25.0	0.0	-303.1	0.0
				J	170.5	0.0	-25.0	0.0	383.6	0.0
			W-LO	I	0.0	-158.6	0.0	1.5	0.0	190.3
				J	0.0					

-261.6 0.0 1.5 0.0 5960.3

11 1 3 D I -5120.0
0.0 56.3 0.0 1013.7 0.0
J -8425.4
0.0 56.3 0.0 -532.0 0.0

L I -609.6
0.0 9.2 0.0 145.7 0.0
J -609.6
0.0 9.2 0.0 -106.2 0.0

W-TR I -1405.6
0.0 -227.6 0.0 -3026.3 0.0
J -1405.6
0.0 -279.1 0.0 3933.4 0.0

WL I -170.5
0.0 -25.0 0.0 -303.1 0.0
J -170.5
0.0 -25.0 0.0 383.6 0.0

W-LO I 0.0
-158.6 0.0 -1.5 0.0 190.3
J 0.0
-261.6 0.0 -1.5 0.0 5960.3

BEAM ELEMENT FORCES & MOMENTS MIN/MAX SUMMARY BY PROPERTY PRINTOUT Unit System : kN , m

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* LENGTH : the length of between two nodes

[SECTION NAME : 코핑1 , SECTION ID : 1 , SECTION SHAPE : SB]
[SECTION SIZE] H:1.588 B:2.5
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
9	AXL	D	1	I	0.0	0.0				
-175.2	0.0	-157.7	0.0	1.80						
9	SHY	W-LO	1	I	0.0	14.6				
0.0	0.0	0.0	13.1	1.80						
1	SHZ	D	1	J	0.0	0.0				
175.2	0.0	-157.7	0.0	1.80						
1	TOR	D	1	J	0.0	0.0				
175.2	0.0	-157.7	0.0	1.80						
1	MTY	W-TR	1	I	-18.0	0.0				
0.0	0.0	0.0	0.0	1.80						
1	MTZ	W-LO	1	J	0.0	-14.6				
0.0	0.0	0.0	13.1	1.80						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
1	AXL	W-TR	1	I	-18.0	0.0				
0.0	0.0	0.0	0.0	1.80						
1	SHY	W-LO	1	J	0.0	-14.6				
0.0	0.0	0.0	13.1	1.80						
9	SHZ	D	1	I	0.0	0.0				
-175.2	0.0	-157.7	0.0	1.80						
1	TOR	D	1	J	0.0	0.0				
175.2	0.0	-157.7	0.0	1.80						
1	MTY	D	1	J	0.0	0.0				
175.2	0.0	-157.7	0.0	1.80						
1	MTZ	W-TR	1	I	-18.0	0.0				
0.0	0.0	0.0	0.0	1.80						

[SECTION NAME : 코핑2 , SECTION ID : 2 , SECTION SHAPE : SB]
[SECTION SIZE] H:2.4 B:2.5
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
7	AXL	W-TR	1	J	206.7	0.0				
0.0	0.0	-623.1	0.0	1.05						
4	SHY	W-LO	1	I	0.0	99.0				
0.0	-0.0	0.0	61.0	1.25						
3	SHZ	D	1	J	0.0	0.0				
4715.5	0.0	-5065.8	0.0	1.05						
7	TOR	D	1	I	0.0	0.0				
-4715.5	0.0	-5065.8	0.0	1.05						
4	MTY	W-TR	1	I	-21.0	0.0				
1405.6	0.0	3808.3	0.0	1.25						
4	MTZ	W-LO	1	I	0.0	99.0				
0.0	-0.0	0.0	61.0	1.25						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
3	AXL	W-TR	1	I	-224.7	0.0				
0.0	0.0	623.1	0.0	1.05						
6	SHY	W-LO	1	J	0.0	-99.0				
0.0	-0.0	0.0	61.0	1.25						
7	SHZ	D	1	I	0.0	0.0				
-4715.5	0.0	-5065.8	0.0	1.05						
7	TOR	D	1	I	0.0	0.0				
-4715.5	0.0	-5065.8	0.0	1.05						
3	MTY	D	1	J	0.0	0.0				
4715.5	0.0	-5065.8	0.0	1.05						
4	MTZ	W-LO	1	J	0.0	54.0				
0.0	-0.0	0.0	-34.6	1.25						

[SECTION NAME : 기둥 , SECTION ID : 3 , SECTION SHAPE : SR]
[SECTION SIZE] D:2.5
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
10	AXL	W-TR	1	J	1405.6	0.0				
-306.7	0.0	4068.4	0.0	27.47						
10	SHY	D	1	I	-5120.0	0.0				
-56.3	0.0	-1013.7	0.0	27.47						
11	SHZ	D	1	I	-5120.0	0.0				
56.3	0.0	1013.7	0.0	27.47						
10	TOR	W-LO	1	J	0.0	-261.6				
0.0	1.5	0.0	5960.3	27.47						
10	MTY	W-TR	1	J	1405.6	0.0				
-306.7	0.0	4068.4	0.0	27.47						
11	MTZ	W-LO	1	J	0.0	-261.6				
0.0	-1.5	0.0	5960.3	27.47						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
10	AXL	D	1	J	-8425.4	0.0				
-56.3	0.0	532.0	0.0	27.47						
10	SHY	W-LO	1	J	0.0	-261.6				
0.0	1.5	0.0	5960.3	27.47						
10	SHZ	W-TR	1	J	1405.6	0.0				
-306.7	0.0	4068.4	0.0	27.47						
11	TOR	W-LO	1	J	0.0	-261.6				
0.0	-1.5	0.0	5960.3	27.47						
11	MTY	W-TR	1	I	-1405.6	0.0				
-227.6	0.0	-3026.3	0.0	27.47						
11	MTZ	D	1	J	-8425.4	0.0				
56.3	0.0	-532.0	0.0	27.47						

BEAM ELEMENT STRESSES DEFAULT PRINTOUT
Unit System : kN , m

ELEM	MAT	SEC	LC	PT	AXIAL	SHEAR-y	SHEAR-z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
1	1	1	D	I	0.0				
0.0	0.0	0.0	0.0	0.0	0.0				
J	0.0	0.0							
66.2	0.0	0.0	150.1	-150.1					
L	I	0.0	0.0						
0.0	0.0	0.0	0.0	0.0					
J	0.0	0.0							
0.0	0.0	0.0	0.0	0.0					
W-TR	I	-4.5							
0.0	0.0	0.0	0.0	0.0	0.0				
J	-4.5	0.0							
0.0	0.0	0.0	0.0	0.0					
WL	I	0.0	0.0						
0.0	0.0	0.0	0.0	0.0					
J	0.0	0.0							
0.0	0.0	0.0	0.0	0.0					
W-LO	I	0.0							
0.0	0.0	0.0	0.0	0.0	0.0				
J	0.0	-5.5							
0.0	-7.9	7.9	0.0	0.0					
2	1	2	D	I	0.0				
0.0	43.8	0.0	0.0	65.7	-65.7				
J	0.0	0.0							
51.2	0.0	0.0	81.5	-81.5					
L	I	0.0	0.0						
0.0	0.0	0.0	0.0	0.0					
J	0.0	0.0							
0.0	0.0	0.0	0.0	0.0					
W-TR	I	-3.0							
0.0	0.0	0.0	0.0	0.0	0.0				
J	-3.0	0.0							
0.0	0.0	0.0	0.0	0.0					
WL	I	0.0	0.0						
0.0	0.0	0.0	0.0	0.0					
J	0.0	0.0							
0.0	0.0	0.0	0.0	0.0					
W-LO	I	0.0							
-3.6	0.0	-5.2	5.2	0.0	0.0				
J	0.0	-5.4							
0.0	-6.7	6.7	0.0	0.0					
3	1	2	D	I	0.0				
0.0	1140.3	0.0	0.0	81.5	-81.5				
J	0.0	0.0							
1178.9	0.0	0.0	2110.8	-2110.8					
L	I	0.0	0.0						
205.0	0.0	0.0	0.0	0.0					
J	0.0	0.0							
205.0	0.0	0.0	358.7	-358.7					
W-TR	I	-37.4							
0.0	0.0	0.0	0.0	-259.6	259.6				
J	-37.4	0.0							
0.0	0.0	0.0	-259.6	259.6					
WL	I	-4.2							
0.0	0.0	0.0	0.0	-56.6	56.6				
J	-4.2	0.0							
0.0	0.0	0.0	-56.6	56.6					
W-LO	I	0.0							
-5.4	0.0	-6.7	6.7	0.0	0.0				
J	0.0	-14.9							
0.0	-23.8	23.8	0.0	0.0					
4	1	2	D	I	9.4				
0.0	-101.1	0.0	0.0	1660.2	-1660.2				
J	9.4	0.0							
-55.2	0.0	0.0	1497.4	-1497.4					
L	I	1.5	0.0						
-6.9	0.0	0.0	277.1	-277.1					
J	1.5	0.0							
-6.9	0.0	0.0	262.7	-262.7					
W-TR	I	-3.5							
0.0	351.4	0.0	0.0	-1586.8	1586.8				
J	-3.5	0.0							
351.4	0.0	0.0	-854.7	854.7					
WL	I	0.0	0.0						
42.6	0.0	0.0	-195.3	195.3					
J	0.0	0.0							
42.6	0.0	0.0	-106.6	106.6					
W-LO	I	0.0							
24.8	0.0	-24.4	24.4	0.0	0.0				
J	0.0	13.5							
0.0	13.8	-13.8	0.0	0.0					
5	1	2	D	I	9.4				
0.0	-55.2	0.0	0.0	1497.4	-1497.4				
J	9.4	0.0							
55.2	0.0	0.0	1497.4	-1497.4					
L	I	1.5	0.0						
-6.9	0.0	0.0	262.7	-262.7					
J	1.5	0.0							
-6.9	0.0	0.0	228.0	-228.0					
W-TR	I	-3.5							
0.0	351.4	0.0	0.0	-854.7	854.7				
J	-3.5	0.0							
351.4	0.0	0.0	902.3	-902.3					
WL	I	0.0	0.0						

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     42.6        0.0        0.0     -106.6      106.6
                                          J        0.0        0.0
     42.6        0.0        0.0      106.6     -106.6

                                       W-LO          I        0.0
13.5         0.0       13.8      -13.8        0.0        0.0
                                          J        0.0      -13.5
      0.0       13.8      -13.8        0.0        0.0

      6         1         2          D          I          9.4
0.0         55.2        0.0        0.0     1497.4    -1497.4
                                          J        9.4        0.0
    101.1        0.0        0.0     1660.2    -1660.2

                                       L          I        1.5        0.0
     -6.9        0.0        0.0      228.0     -228.0
                                          J        1.5        0.0
     -6.9        0.0        0.0      213.5     -213.5

                                       W-TR          I       -3.5
0.0       351.4        0.0        0.0      902.3     -902.3
                                          J       -3.5        0.0
    351.4        0.0        0.0     1634.4    -1634.4

                                       WL          I        0.0        0.0
     42.6        0.0        0.0      106.6     -106.6
                                          J        0.0        0.0
     42.6        0.0        0.0      195.3     -195.3

                                       W-LO          I        0.0
-13.5        0.0       13.8      -13.8        0.0        0.0
                                          J        0.0      -24.7
      0.0      -24.4       24.4        0.0        0.0

      7         1         2          D          I          0.0
0.0     -1178.9        0.0        0.0     2110.8    -2110.8
                                          J        0.0        0.0
  -1140.3        0.0        0.0       81.5      -81.5

                                       L          I        0.0        0.0
   -159.3        0.0        0.0      278.8     -278.8
                                          J        0.0        0.0
   -159.3        0.0        0.0        0.0        0.0

                                       W-TR          I       34.4
0.0          0.0        0.0        0.0      259.6     -259.6
                                          J       34.4        0.0
      0.0        0.0        0.0      259.6     -259.6

                                       WL          I        4.2        0.0
      0.0        0.0        0.0       56.6      -56.6
                                          J        4.2        0.0
      0.0        0.0        0.0       56.6      -56.6

                                       W-LO          I        0.0
14.9         0.0      -23.8       23.8        0.0        0.0
                                          J        0.0        5.4
      0.0       -6.7        6.7        0.0        0.0

      8         1         2          D          I          0.0
0.0       -51.2        0.0        0.0       81.5      -81.5
                                          J        0.0        0.0
   -43.8        0.0        0.0       65.7      -65.7

                                       L          I        0.0        0.0
      0.0        0.0        0.0        0.0        0.0
                                          J        0.0        0.0
      0.0        0.0        0.0        0.0        0.0

                                       W-TR          I       -0.0
0.0          0.0        0.0        0.0        0.0        0.0
                                          J       -0.0        0.0
      0.0        0.0        0.0        0.0        0.0

                                       WL          I        0.0        0.0
      0.0        0.0        0.0        0.0        0.0
                                          J        0.0        0.0
      0.0        0.0        0.0        0.0        0.0

                                       W-LO          I        0.0
5.4          0.0       -6.7        6.7        0.0        0.0
                                          J        0.0        3.6
      0.0       -5.2        5.2        0.0        0.0

      9         1         1          D          I          0.0
0.0       -66.2        0.0        0.0      150.1     -150.1
                                          J        0.0        0.0
      0.0        0.0        0.0        0.0        0.0

                                       L          I        0.0        0.0
      0.0        0.0        0.0        0.0        0.0
                                          J        0.0        0.0
      0.0        0.0        0.0        0.0        0.0

                                       W-TR          I        0.0
0.0          0.0        0.0        0.0        0.0        0.0
                                          J        0.0        0.0
      0.0        0.0        0.0        0.0        0.0

                                       WL          I        0.0        0.0
      0.0        0.0        0.0        0.0        0.0
                                          J        0.0        0.0
      0.0        0.0        0.0        0.0        0.0

                                       W-LO          I        0.0
5.5          0.0       -7.9        7.9        0.0        0.0
                                          J        0.0        0.0
      0.0        0.0        0.0        0.0        0.0

     10         1         3          D          I      -1043.0
0.0       -15.3        0.0        0.0      660.9     -660.9
                                          J      -1716.4
0.0       -15.3        0.0        0.0     -346.8      346.8

                                       L          I      -172.7        0.0
     -2.5        0.0        0.0      120.4     -120.4
                                          J      -172.7
0.0        -2.5        0.0        0.0      -43.8       43.8

                                       W-TR          I      286.3
0.0       -55.3        0.0        0.0     1917.1    -1917.1
                                          J      286.3        0.0
    -83.3        0.0        0.0    -2652.2     2652.2

                                       WL          I       34.7
0.0       -6.8        0.0        0.0      197.6     -197.6
                                          J       34.7        0.0
     -6.8        0.0        0.0     -250.1      250.1

                                       W-LO          I        0.0
-43.1        0.0     -124.1      124.1        0.0        0.0
                                          J        0.0      -71.1
      0.0    -3885.5     3885.5        0.0        0.0

     11         1         3          D          I      -1043.0
0.0        15.3        0.0        0.0     -660.9      660.9
                                          J      -1716.4
0.0        15.3        0.0        0.0      346.8     -346.8

                                       L          I      -124.2        0.0
      2.5        0.0        0.0      -95.0       95.0
                                          J      -124.2
0.0         2.5        0.0        0.0       69.2      -69.2

                                       W-TR          I      -286.3
0.0       -61.8        0.0        0.0     1972.8    -1972.8
                                          J      -286.3
0.0       -75.8        0.0        0.0    -2564.2     2564.2

                                       WL          I       -34.7
0.0       -6.8        0.0        0.0      197.6     -197.6
                                          J       -34.7        0.0
     -6.8        0.0        0.0     -250.1      250.1

                                       W-LO          I        0.0
-43.1        0.0     -124.1      124.1        0.0        0.0
                                          J        0.0      -71.1
      0.0    -3885.5     3885.5        0.0        0.0

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 BEAM  ELEMENT  STRESSES  MIN/MAX  SUMMARY  BY
PROPERTY PRINTOUT                  Unit System : kN , m

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[ SECTION NAME : 코핑1 , SECTION ID : 1 , SECTION
SHAPE : SB  ]
[ SECTION SIZE ] H:1.588 B:2.5
**  MAX

  ELEM COM        LC           PT      AXIAL    SHEAR-y
 SHEAR-Z   (+y)-BENDING-(-y)    (+z)-BENDING-(-z)

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----------    ----------    ----------    ----------
---------- ----------
     9 AXL          D        1    I         0.0        0.0
  -66.2         0.0        0.0      150.1     -150.1
     9 SHY       W-LO        1    I         0.0        5.5
     0.0        -7.9        7.9        0.0        0.0
     1 SHZ          D        1    J         0.0        0.0
  66.2         0.0        0.0      150.1     -150.1
     1 BY+          D        1    I         0.0        0.0
     0.0         0.0        0.0        0.0        0.0
     1 BY-       W-LO        1    J         0.0       -5.5
     0.0        -7.9        7.9        0.0        0.0
     1 BZ+          D        1    J         0.0        0.0
  66.2         0.0        0.0      150.1     -150.1
     1 BZ-          D        1    I         0.0        0.0
     0.0         0.0        0.0        0.0        0.0

**  MIN

  ELEM COM        LC           PT      AXIAL    SHEAR-y
 SHEAR-Z   (+y)-BENDING-(-y)    (+z)-BENDING-(-z)

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----------    ----------    ----------    ----------
---------- ----------
     1 AXL       W-TR        1    I        -4.5        0.0
     0.0         0.0        0.0        0.0        0.0
     1 SHY       W-LO        1    J         0.0       -5.5
     0.0        -7.9        7.9        0.0        0.0
     9 SHZ          D        1    I         0.0        0.0
  -66.2         0.0        0.0      150.1     -150.1
     1 BY+       W-LO        1    J         0.0       -5.5
     0.0        -7.9        7.9        0.0        0.0
     1 BY-       W-TR        1    I        -4.5        0.0
     0.0         0.0        0.0        0.0        0.0
     1 BZ+       W-TR        1    I        -4.5        0.0
     0.0         0.0        0.0        0.0        0.0
     1 BZ-          D        1    J         0.0        0.0
  66.2         0.0        0.0      150.1     -150.1


[ SECTION NAME : 코핑2 , SECTION ID : 2 , SECTION
SHAPE : SB  ]
[ SECTION SIZE ] H:2.4 B:2.5
**  MAX

  ELEM COM        LC           PT      AXIAL    SHEAR-y
 SHEAR-Z   (+y)-BENDING-(-y)    (+z)-BENDING-(-z)

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----------    ----------    ----------    ----------
---------- ----------
     7 AXL       W-TR        1    J        34.4        0.0
     0.0         0.0        0.0      259.6     -259.6
     4 SHY       W-LO        1    I         0.0       24.8
     0.0       -24.4       24.4        0.0        0.0
     3 SHZ          D        1    J         0.0        0.0
  1178.9         0.0        0.0     2110.8    -2110.8
     5 BY+       W-LO        1    J         0.0      -13.5
     0.0        13.8       -13.8        0.0        0.0
     4 BY-       W-LO        1    I         0.0       24.8
     0.0       -24.4       24.4        0.0        0.0
     3 BZ+          D        1    J         0.0        0.0
  1178.9         0.0        0.0     2110.8    -2110.8
     4 BZ-       W-TR        1    I        -3.5        0.0
   351.4         0.0        0.0    -1586.8     1586.8

**  MIN

  ELEM COM        LC           PT      AXIAL    SHEAR-y
 SHEAR-Z   (+y)-BENDING-(-y)    (+z)-BENDING-(-z)

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----------    ----------    ----------    ----------
---------- ----------
     3 AXL       W-TR        1    I       -37.4        0.0
     0.0         0.0        0.0     -259.6      259.6
     6 SHY       W-LO        1    J         0.0       -24.7
     0.0       -24.4       24.4        0.0        0.0
     7 SHZ          D        1    I         0.0        0.0
 -1178.9         0.0        0.0     2110.8    -2110.8
     4 BY+       W-LO        1    I         0.0       24.8
     0.0       -24.4       24.4        0.0        0.0
     5 BY-       W-LO        1    J         0.0      -13.5
     0.0        13.8       -13.8        0.0        0.0
     4 BZ+       W-TR        1    I        -3.5        0.0
   351.4         0.0        0.0    -1586.8     1586.8
     3 BZ-          D        1    J         0.0        0.0
  1178.9         0.0        0.0     2110.8    -2110.8


[ SECTION NAME : 기둥 , SECTION ID : 3 , SECTION
SHAPE : SR  ]
[ SECTION SIZE ] D:2.5
**  MAX

  ELEM COM        LC           PT      AXIAL    SHEAR-y
 SHEAR-Z   (+y)-BENDING-(-y)    (+z)-BENDING-(-z)

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----------    ----------    ----------    ----------
---------- ----------
    10 AXL       W-TR        1    J       286.3        0.0
   -83.3         0.0        0.0    -2652.2     2652.2
    10 SHY          D        1    I     -1043.0        0.0
   -15.3         0.0        0.0      660.9     -660.9
    11 SHZ          D        1    I     -1043.0        0.0
    15.3         0.0        0.0     -660.9      660.9
    10 BY+       W-TR        1    I       286.3        0.0
   -55.3         0.0        0.0     1917.1    -1917.1
    11 BY-       W-LO        1    J         0.0      -71.1
     0.0     -3885.5     3885.5        0.0        0.0
    11 BZ+       W-TR        1    I      -286.3        0.0
   -61.8         0.0        0.0     1972.8    -1972.8
    10 BZ-       W-TR        1    J       286.3        0.0
   -83.3         0.0        0.0    -2652.2     2652.2

**  MIN

  ELEM COM        LC           PT      AXIAL    SHEAR-y
 SHEAR-Z   (+y)-BENDING-(-y)    (+z)-BENDING-(-z)

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----------    ----------    ----------    ----------
---------- ----------
    11 AXL          D        1    J     -1716.4        0.0
    15.3         0.0        0.0      346.8     -346.8
    11 SHY       W-LO        1    J         0.0      -71.1
     0.0     -3885.5     3885.5        0.0        0.0
    10 SHZ       W-TR        1    J       286.3        0.0
   -83.3         0.0        0.0    -2652.2     2652.2
    11 BY+       W-LO        1    J         0.0      -71.1
     0.0     -3885.5     3885.5        0.0        0.0
    11 BY-          D        1    J     -1716.4        0.0
    15.3         0.0        0.0      346.8     -346.8
    10 BZ+       W-TR        1    J       286.3        0.0
   -83.3         0.0        0.0    -2652.2     2652.2
    11 BZ-       W-TR        1    I      -286.3        0.0
   -61.8         0.0        0.0     1972.8    -1972.8
```