

■ 송읍교 대구방향(P6) 하부 output

LOAD SET FOR ELEMENT OUTPUTS - Load Set 1

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

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

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

ELEM SHEAR-y MOMENT-z	MAT	SEC SHEAR-z	LC TORSION	PT	AXIAL MOMENT-y
-----	-----	-----	-----	-----	-----
1	1	1	D	I	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	126.3	0.0	-113.7	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
0.0	0.0	0.0	W-TR	I	-16.8
0.0	0.0	0.0	0.0	0.0	-16.8
0.0	0.0	0.0	WL	I	0.0
0.0	0.0	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
2	1	2	D	I	0.0
0.0	126.3	0.0	-113.7	0.0	0.0
0.0	138.6	0.0	-126.9	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

0.0	0.0	W-TR	I	-16.8	
0.0	0.0	0.0	0.0	-16.8	
0.0	0.0	WL	I	0.0	
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	
3	1	2	D	I	0.0
0.0	4975.4	0.0	-126.9	0.0	0.0
0.0	5098.0	0.0	-5163.7	0.0	0.0
0.0	786.4	L	I	0.0	0.0
0.0	786.4	0.0	-786.4	0.0	0.0
0.0	0.0	W-TR	I	-258.2	-258.2
0.0	0.0	0.0	716.4	0.0	-258.2
0.0	0.0	0.0	716.4	0.0	-258.2
0.0	0.0	WL	I	-27.5	-27.5
0.0	0.0	0.0	153.9	0.0	-27.5
0.0	0.0	0.0	153.9	0.0	-27.5
0.0	0.0	W-LO	I	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
4	1	2	D	I	170.1
0.0	-382.4	0.0	-3320.0	0.0	170.1
0.0	-247.6	0.0	-2973.5	0.0	0.0
0.0	-21.9	L	I	25.5	25.5
0.0	-21.9	0.0	-498.3	0.0	25.5
0.0	-21.9	0.0	-474.2	0.0	0.0
0.0	918.6	W-TR	I	-13.7	-13.7
0.0	918.6	0.0	2651.0	0.0	-13.7
0.0	918.6	0.0	1640.6	0.0	0.0
0.0	121.6	WL	I	0.0	0.0
0.0	121.6	0.0	352.5	0.0	0.0
0.0	121.6	0.0	218.8	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	0.0
0.0	0.0	-0.0	0.0	0.0	0.0
5	1	2	D	I	170.1
0.0	-247.6	0.0	-2973.5	0.0	170.1
0.0	-112.7	0.0	-2775.4	0.0	0.0
0.0	-21.9	L	I	25.5	25.5
0.0	-21.9	0.0	-474.2	0.0	25.5
0.0	-21.9	0.0	-450.2	0.0	0.0
0.0	918.6	W-TR	I	-13.7	-13.7
0.0	918.6	0.0	1640.6	0.0	-13.7
0.0	918.6	0.0	630.1	0.0	0.0
0.0	121.6	WL	I	0.0	0.0
0.0	121.6	0.0	218.8	0.0	0.0
0.0	121.6	0.0	85.1	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	0.0
0.0	0.0	-0.0	0.0	0.0	0.0
6	1	2	D	I	170.1
0.0	-112.7	0.0	-2775.4	0.0	170.1
0.0	71.1	0.0	-2744.2	0.0	0.0
0.0	-21.9	L	I	25.5	25.5
0.0	-21.9	0.0	-450.2	0.0	25.5
0.0	-21.9	0.0	-417.3	0.0	0.0
0.0	918.6	W-TR	I	-13.7	-13.7
0.0	918.6	0.0	630.1	0.0	-13.7
0.0	918.6	0.0	-747.9	0.0	0.0
0.0	0.0	WL	I	0.0	0.0

0.0	121.6	0.0	85.1	0.0	0.0
0.0	121.6	0.0	-97.2	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	0.0
0.0	0.0	-0.0	0.0	0.0	0.0
7	1	2	D	I	170.1
0.0	71.1	0.0	-2744.2	0.0	170.1
0.0	193.7	0.0	-2876.6	0.0	0.0
0.0	-21.9	L	I	25.5	25.5
0.0	-21.9	0.0	-417.3	0.0	25.5
0.0	-21.9	0.0	-395.5	0.0	0.0
0.0	918.6	W-TR	I	-13.7	-13.7
0.0	918.6	0.0	-747.9	0.0	-13.7
0.0	918.6	0.0	-1666.5	0.0	0.0
0.0	121.6	WL	I	0.0	0.0
0.0	121.6	0.0	-97.2	0.0	0.0
0.0	121.6	0.0	-218.8	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	0.0
0.0	0.0	-0.0	0.0	0.0	0.0
8	1	2	D	I	170.1
0.0	193.7	0.0	-2876.6	0.0	170.1
0.0	328.6	0.0	-3163.9	0.0	0.0
0.0	-21.9	L	I	25.5	25.5
0.0	-21.9	0.0	-395.5	0.0	25.5
0.0	-21.9	0.0	-371.4	0.0	0.0
0.0	918.6	W-TR	I	-13.7	-13.7
0.0	918.6	0.0	-1666.5	0.0	-13.7
0.0	918.6	0.0	-2677.0	0.0	0.0
0.0	121.6	WL	I	0.0	0.0
0.0	121.6	0.0	-218.8	0.0	0.0
0.0	121.6	0.0	-352.5	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	0.0
0.0	0.0	-0.0	0.0	-0.0	0.0
9	1	2	D	I	0.0
0.0	-4907.0	0.0	-4972.6	0.0	0.0
0.0	-4784.4	0.0	-126.9	0.0	0.0
0.0	-631.2	L	I	0.0	0.0
0.0	-631.2	0.0	-631.2	0.0	0.0
0.0	-631.2	0.0	0.0	0.0	0.0
0.0	0.0	W-TR	I	241.5	241.5
0.0	0.0	0.0	-716.4	0.0	241.5
0.0	0.0	0.0	-716.4	0.0	0.0
0.0	0.0	WL	I	27.5	27.5
0.0	0.0	0.0	-153.9	0.0	27.5
0.0	0.0	0.0	-153.9	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	0.0
0.0	0.0	0.0	0.0	0.0	0.0
10	1	2	D	I	0.0
0.0	-138.6	0.0	-126.9	0.0	0.0
0.0	-126.3	0.0	-113.7	0.0	0.0
0.0	0.0	L	I	0.0	0.0
0.0	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	0.0
0.0	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	0.0
0.0	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	0.0

0.0	0.0	0.0	0.0	0.0	
11	1	1	D	I	0.0
0.0	-126.3	0.0	-113.7	0.0	0.0
0.0	0.0	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
0.0	0.0	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
0.0	0.0	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
0.0	0.0	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
12	1	3	D	I	-5480.4
0.0	-170.1	0.0	-1673.6	0.0	-6869.0
0.0	-170.1	0.0	860.3	0.0	
0.0	0.0	0.0	L	I	-808.3
0.0	-25.5	0.0	-262.6	0.0	-808.3
0.0	-25.5	0.0	117.5	0.0	
0.0	0.0	0.0	W-TR	I	918.6
0.0	-244.5	0.0	-1690.1	0.0	918.6
0.0	-293.7	0.0	2319.2	0.0	
0.0	0.0	0.0	WL	I	121.6
0.0	-27.5	0.0	-171.1	0.0	121.6
0.0	-27.5	0.0	238.6	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
-49.2	0.0	0.0	0.0	366.3	
13	1	3	D	I	-5235.6
0.0	170.1	0.0	1638.7	0.0	-6624.2
0.0	170.1	0.0	-895.2	0.0	
0.0	0.0	0.0	L	I	-609.3
0.0	25.5	0.0	234.3	0.0	-609.3
0.0	25.5	0.0	-145.9	0.0	
0.0	0.0	0.0	W-TR	I	-918.6
0.0	-255.2	0.0	-1705.3	0.0	-918.6
0.0	-279.8	0.0	2280.3	0.0	
0.0	0.0	0.0	WL	I	-121.6
0.0	-27.5	0.0	-171.1	0.0	-121.6
0.0	-27.5	0.0	238.6	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
-49.2	0.0	0.0	0.0	366.3	

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

* LENGTH : the length of between two nodes

[SECTION NAME : 코핑1 , SECTION ID : 1 , SECTION
SHAPE : SB]
[SECTION SIZE] H:1.145 B:2.5
** MAX

ELEM	COM	LC	PT	AXIAL
SHEAR-y	SHEAR-z	TORSION	MOMENT-y	
MOMENT-z	LENGTH			
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

1 AXL	D	1	J	0.0	0.0
126.3	0.0	-113.7	0.0	1.80	
1 SHY	D	1	I	0.0	0.0
0.0	0.0	0.0	0.0	1.80	
1 SHZ	D	1	J	0.0	0.0
126.3	0.0	-113.7	0.0	1.80	
1 TOR	D	1	J	0.0	0.0
126.3	0.0	-113.7	0.0	1.80	
1 MTY	W-TR	1	I	-16.8	0.0
0.0	0.0	0.0	0.0	1.80	
1 MTZ	W-TR	1	I	-16.8	0.0
0.0	0.0	0.0	0.0	1.80	

** MIN				
ELEM	COM	LC	PT	AXIAL
SHEAR-y		SHEAR-z	TORSION	MOMENT-y
MOMENT-z	LENGTH			

1 AXL	W-TR	1	I	-16.8	0.0
0.0	0.0	0.0	0.0	1.80	
1 SHY	D	1	I	0.0	0.0
0.0	0.0	0.0	0.0	1.80	
11 SHZ	D	1	I	0.0	0.0
-126.3	0.0	-113.7	0.0	1.80	
1 TOR	D	1	J	0.0	0.0
126.3	0.0	-113.7	0.0	1.80	
1 MTY	D	1	J	0.0	0.0
126.3	0.0	-113.7	0.0	1.80	
1 MTZ	W-TR	1	I	-16.8	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 B:2.5
** MAX

ELEM	COM	LC	PT	AXIAL
SHEAR-y	SHEAR-z	TORSION	MOMENT-y	
MOMENT-z	LENGTH			
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

9 AXL	W-TR	1	I	241.5	0.0
0.0	0.0	-716.4	0.0	1.00	
8 SHY	W-LO	1	I	0.0	0.0
0.0	-0.0	0.0	0.0	1.10	
3 SHZ	D	1	J	0.0	0.0
5098.0	0.0	-5163.7	0.0	1.00	
3 TOR	D	1	J	0.0	0.0
5098.0	0.0	-5163.7	0.0	1.00	
4 MTY	W-TR	1	I	-13.7	0.0
918.6	0.0	2651.0	0.0	1.10	
3 MTZ	W-TR	1	I	-258.2	0.0
0.0	0.0	716.4	0.0	1.00	

** MIN				
ELEM	COM	LC	PT	AXIAL
SHEAR-y		SHEAR-z	TORSION	MOMENT-y
MOMENT-z	LENGTH			

3 AXL	W-TR	1	I	-258.2	0.0
0.0	0.0	716.4	0.0	1.00	
8 SHY	W-LO	1	I	0.0	0.0
0.0	-0.0	0.0	0.0	1.10	
9 SHZ	D	1	I	0.0	0.0
-4907.0	0.0	-4972.6	0.0	1.00	
3 TOR	D	1	J	0.0	0.0
5098.0	0.0	-5163.7	0.0	1.00	
3 MTY	D	1	J	0.0	0.0
5098.0	0.0	-5163.7	0.0	1.00	
3 MTZ	W-TR	1	I	-258.2	0.0
0.0	0.0	716.4	0.0	1.00	

[SECTION NAME : 기동 , SECTION ID : 3 , SECTION
SHAPE : SR]
[SECTION SIZE] D:2.2
** MAX

ELEM	COM	LC	PT	AXIAL
SHEAR-y	SHEAR-z	TORSION	MOMENT-y	
MOMENT-z	LENGTH			
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

12 AXL	W-TR	1	J	918.6	0.0
-293.7	0.0	2319.2	0.0	14.90	
12 SHY	W-LO	1	I	0.0	0.0
0.0	0.0	0.0	0.0	14.90	
13 SHZ	D	1	I	-5235.6	0.0
170.1	0.0	1638.7	0.0	14.90	
12 TOR	W-TR	1	J	918.6	0.0
-293.7	0.0	2319.2	0.0	14.90	
12 MTY	W-TR	1	J	918.6	0.0
-293.7	0.0	2319.2	0.0	14.90	

12 MTZ	W-LO	1	J	0.0	-49.2
0.0	0.0	0.0	366.3	14.90	

** MIN				
ELEM	COM	LC	PT	AXIAL
SHEAR-y		SHEAR-z	TORSION	MOMENT-y
MOMENT-z	LENGTH			

12 AXL	D	1	J	-6869.0	0.0
-170.1	0.0	860.3	0.0	14.90	
12 SHY	W-LO	1	J	0.0	-49.2
0.0	0.0	0.0	366.3	14.90	
12 SHZ	W-TR	1	J	918.6	0.0
-293.7	0.0	2319.2	0.0	14.90	
12 TOR	W-TR	1	J	918.6	0.0
-293.7	0.0	2319.2	0.0	14.90	
13 MTY	W-TR	1	I	-918.6	0.0
-255.2	0.0	-1705.3	0.0	14.90	
12 MTZ	D	1	J	-6869.0	0.0
-170.1	0.0	860.3	0.0	14.90	

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
66.2	0.0	0.0	208.1	-208.1	0.0
0.0	0.0	0.0	L	I	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0

0.0	0.0	0.0	W-TR	I	-5.9
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	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
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0

2	1	2	D	I	0.0
0.0	37.9	0.0	0.0	68.2	-68.2
41.6	0.0	0.0	76.2	-76.2	0.0

0.0	0.0	0.0	L	I	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	W-TR	I	-3.4
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	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
0.0	0.0	0.0	0.0	0.0	0.0

3	1	2	D	I	0.0
0.0	1492.6	0.0	0.0	76.2	-76.2
1529.4	0.0	0.0	3098.2	-3098.2	0.0

235.9	0.0	0.0	L	I	0.0
235.9	0.0	0.0	0.0	0.0	0.0
235.9	0.0	0.0	0.0	471.9	-471.9

0.0	0.0	0.0	W-TR	I	-51.6
0.0	0.0	0.0	0.0	-429.9	429.9
0.0	0.0	0.0	0.0	-51.6	0.0
0.0	0.0	0.0	-429.9	429.9	

0.0	0.0	0.0	WL	I	-5.5
-----	-----	-----	----	---	------

0.0	0.0	0.0	0.0	-92.4	92.4	
				J	-5.5	0.0
0.0	0.0	0.0	0.0	-92.4	92.4	
0.0	0.0	0.0	W-LO	I		0.0
				J	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	
4	1	2	D	I		34.0
0.0	-114.7	0.0	0.0	1992.0	-1992.0	
				J	34.0	0.0
-74.3	0.0	0.0	1784.1	-1784.1		
			L	I	5.1	0.0
-6.6	0.0	0.0	299.0	-299.0		
				J	5.1	0.0
-6.6	0.0	0.0	284.5	-284.5		
			W-TR	I		-2.7
0.0	275.6	0.0	0.0	-1590.6	1590.6	
				J	-2.7	0.0
275.6	0.0	0.0	-984.3	984.3		
			WL	I	0.0	0.0
36.5	0.0	0.0	-211.5	211.5		
				J	0.0	0.0
36.5	0.0	0.0	-131.3	131.3		
			W-LO	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	0.0	
5	1	2	D	I		34.0
0.0	-74.3	0.0	0.0	1784.1	-1784.1	
				J	34.0	0.0
-33.8	0.0	0.0	1665.2	-1665.2		
			L	I	5.1	0.0
-6.6	0.0	0.0	284.5	-284.5		
				J	5.1	0.0
-6.6	0.0	0.0	270.1	-270.1		
			W-TR	I		-2.7
0.0	275.6	0.0	0.0	-984.3	984.3	
				J	-2.7	0.0
275.6	0.0	0.0	-378.0	378.0		
			WL	I	0.0	0.0
36.5	0.0	0.0	-131.3	131.3		
				J	0.0	0.0
36.5	0.0	0.0	-51.1	51.1		
			W-LO	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	0.0	
6	1	2	D	I		34.0
0.0	-33.8	0.0	0.0	1665.2	-1665.2	
				J	34.0	0.0
21.3	0.0	0.0	1646.5	-1646.5		
			L	I	5.1	0.0
-6.6	0.0	0.0	270.1	-270.1		
				J	5.1	0.0
-6.6	0.0	0.0	250.4	-250.4		
			W-TR	I		-2.7
0.0	275.6	0.0	0.0	-378.0	378.0	
				J	-2.7	0.0
275.6	0.0	0.0	448.7	-448.7		
			WL	I	0.0	0.0
36.5	0.0	0.0	-51.1	51.1		
				J	0.0	0.0
36.5	0.0	0.0	58.3	-58.3		
			W-LO	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	0.0	
7	1	2	D	I		34.0
0.0	21.3	0.0	0.0	1646.5	-1646.5	
				J	34.0	0.0
58.1	0.0	0.0	1726.0	-1726.0		
			L	I	5.1	0.0
-6.6	0.0	0.0	250.4	-250.4		
				J	5.1	0.0
-6.6	0.0	0.0	237.3	-237.3		
			W-TR	I		-2.7
0.0	275.6	0.0	0.0	448.7	-448.7	
				J	-2.7	0.0
275.6	0.0	0.0	999.9	-999.9		
			WL	I	0.0	0.0
36.5	0.0	0.0	58.3	-58.3		
				J	0.0	0.0
36.5	0.0	0.0	131.3	-131.3		
			W-LO	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	
8	1	2	D	I	34.0
0.0	58.1	0.0	0.0	1726.0	-1726.0
				J	34.0
98.6	0.0	0.0	1898.3	-1898.3	0.0
			L	I	5.1
-6.6	0.0	0.0	237.3	-237.3	0.0
			J	5.1	
-6.6	0.0	0.0	222.8	-222.8	0.0
			W-TR	I	-2.7
0.0	275.6	0.0	0.0	999.9	-999.9
				J	-2.7
275.6	0.0	0.0	1606.2	-1606.2	0.0
			WL	I	0.0
36.5	0.0	0.0	131.3	-131.3	0.0
			J	0.0	
36.5	0.0	0.0	211.5	-211.5	0.0
			W-LO	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
9	1	2	D	I	0.0
0.0	-1472.1	0.0	0.0	2983.6	-2983.6
				J	0.0
-1435.3	0.0	0.0	76.2	-76.2	0.0
			L	I	0.0
-189.4	0.0	0.0	378.7	-378.7	0.0
			J	0.0	
-189.4	0.0	0.0	0.0	0.0	0.0
			W-TR	I	48.3
0.0	0.0	0.0	0.0	429.9	-429.9
				J	48.3
0.0	0.0	0.0	429.9	-429.9	0.0
			WL	I	5.5
0.0	0.0	0.0	92.4	-92.4	0.0
			J	5.5	
0.0	0.0	0.0	92.4	-92.4	0.0
			W-LO	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
10	1	2	D	I	0.0
0.0	-41.6	0.0	0.0	76.2	-76.2
				J	0.0
-37.9	0.0	0.0	68.2	-68.2	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
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
11	1	1	D	I	0.0
0.0	-66.2	0.0	0.0	208.1	-208.1
				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
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
			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
			W-LO	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
			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
			W-LO	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
			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
			W-LO	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
			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
			W-LO	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
			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
			W-LO	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
			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
			W-LO	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
			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
			W-LO	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
			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
			W-LO	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
			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
			W-LO	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
			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
			W-LO	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
			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
			W-LO	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
			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
			W-LO	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
			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
			W-LO	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
			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

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

ELEM	COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)			
9	AXL	W-TR	1 I	48.3	0.0
0.0	0.0	0.0	429.9	-429.9	
2	SHY	D	1 I	0.0	0.0
37.9	0.0	0.0	68.2	-68.2	
3	SHZ	D	1 J	0.0	0.0
1529.4	0.0	0.0	3098.2	-3098.2	
9	BY+	W-TR	1 I	48.3	0.0
0.0	0.0	0.0	429.9	-429.9	
9	BY-	W-TR	1 I	48.3	0.0
0.0	0.0	0.0	429.9	-429.9	
3	BZ+	D	1 J	0.0	0.0
1529.4	0.0	0.0	3098.2	-3098.2	
4	BZ-	W-TR	1 I	-2.7	0.0
275.6	0.0	0.0	-1590.6	1590.6	

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)			
3	AXL	W-TR	1 I	-51.6	0.0
0.0	0.0	0.0	-429.9	429.9	
2	SHY	D	1 I	0.0	0.0
37.9	0.0	0.0	68.2	-68.2	
9	SHZ	D	1 I	0.0	0.0
-1472.1	0.0	0.0	2983.6	-2983.6	
3	BY+	W-TR	1 I	-51.6	0.0
0.0	0.0	0.0	-429.9	429.9	
3	BY-	W-TR	1 I	-51.6	0.0
0.0	0.0	0.0	-429.9	429.9	
4	BZ+	W-TR	1 I	-2.7	0.0
275.6	0.0	0.0	-1590.6	1590.6	
3	BZ-	D	1 J	0.0	0.0
1529.4	0.0	0.0	3098.2	-3098.2	

[SECTION NAME : 기둥 , SECTION ID : 3 , SECTION
SHAPE : SR]
[SECTION SIZE] D:2.2
** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)			
12	AXL	W-TR	1 J	241.7	0.0
-103.0	0.0	0.0	-2218.5	2218.5	
12	SHY	D	1 I	-1441.7	0.0
-59.6	0.0	0.0	1600.9	-1600.9	
13	SHZ	D	1 I	-1377.3	0.0
59.6	0.0	0.0	-1567.6	1567.6	
12	BY+	W-TR	1 I	241.7	0.0
-85.8	0.0	0.0	1616.8	-1616.8	
13	BY-	W-LO	1 J	0.0	-17.2
0.0	-350.4	350.4	0.0	0.0	
13	BZ+	W-TR	1 I	-241.7	0.0
-89.5	0.0	0.0	1631.3	-1631.3	
12	BZ-	W-TR	1 J	241.7	0.0
-103.0	0.0	0.0	-2218.5	2218.5	

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y
SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)			
12	AXL	D	1 J	-1807.0	0.0
-59.6	0.0	0.0	-823.0	823.0	
13	SHY	W-LO	1 J	0.0	-17.2
0.0	-350.4	350.4	0.0	0.0	
12	SHZ	W-TR	1 J	241.7	0.0
-103.0	0.0	0.0	-2218.5	2218.5	
13	BY+	W-LO	1 J	0.0	-17.2
0.0	-350.4	350.4	0.0	0.0	
12	BY-	D	1 J	-1807.0	0.0
-59.6	0.0	0.0	-823.0	823.0	
12	BZ+	W-TR	1 J	241.7	0.0
-103.0	0.0	0.0	-2218.5	2218.5	
13	BZ-	W-TR	1 I	-241.7	0.0
-89.5	0.0	0.0	1631.3	-1631.3	