■ 남천교 대구방향(P4) 상부 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)
L1	Static	User Defined Load (USER)
W-LO	Static	User Defined Load (USER)
W-TR	Static	User Defined Load (USER)
WL	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	9	D	I	-0.0	0.0	-0.0	0.0	0.0	0.0
				J	-0.0	0.0	6.0	0.0	-0.0	0.0
			L1	I	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
			W-LO	I	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
			W-TR	I	-39.2	0.0	0.0	0.0	0.0	0.0
				J	-39.2	0.0	0.0	0.0	0.0	0.0
			WL	I	-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
2	1	14	D	I	-0.0	0.0	6.0	0.0	-0.0	0.0
				J	-0.0	0.0	469.6	0.0	-376.9	0.0
			L1	I	-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
			W-LO	I	0.0	-0.0	0.0	0.0	0.0	0.0
				J	0.0	-70.3	0.0	-0.0	0.0	55.7
			W-TR	I	-39.2	0.0	0.0	0.0	0.0	0.0
				J	-39.2	0.0	0.0	0.0	-0.0	0.0
			WL	I	-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
3	1	14	D	I	-21.4	0.0	-1073.7	0.0	-825.7	0.0
				J	-21.4	0.0	-610.1	0.0	508.7	0.0
			L1	I	0.0	0.0	-4.2	0.0	-16.2	0.0
				J	0.0	0.0	-4.2	0.0	-9.5	0.0
			W-LO	I	0.0	111.6	0.0	1.2	0.0	59.7
				J	0.0	41.3	0.0	1.2	0.0	-61.5
			W-TR	I	-50.1	0.0	1811.4	0.0	6887.0	0.0
				J	-50.1	0.0	1811.4	0.0	4016.0	0.0
			WL	I	-0.3	0.0	224.3	0.0	868.5	0.0
				J	-0.3	0.0	224.3	0.0	513.0	0.0
4	1	10	D	I	-21.4	0.0	-610.1	0.0	508.7	0.0
				J	-21.4	0.0	-146.3	0.0	1071.4	0.0
			L1	I	0.0	0.0	-4.2	0.0	-9.5	0.0
				J	0.0	0.0	-4.2	0.0	-2.8	0.0
			W-LO	I	0.0	41.3	0.0	1.2	0.0	-61.5
				J	0.0	4.8	0.0	1.2	0.0	-98.7
			W-TR	I	-50.1	0.0	1811.4	0.0	4016.0	0.0
				J	-50.1	0.0	1811.4	0.0	1090.6	0.0
			WL	I	-0.3	0.0	224.3	0.0	513.0	0.0
				J	-0.3	0.0	224.3	0.0	150.9	0.0
5	1	11	D	I	-21.4	0.0	-146.3	0.0	1071.4	0.0
				J	-21.4	0.0	-75.6	0.0	1115.8	0.0
			L1	I	0.0	0.0	-4.2	0.0	-2.8	0.0
				J	0.0	0.0	-4.2	0.0	-1.1	0.0
			W-LO	I	0.0	4.8	0.0	1.2	0.0	-98.7
				J	0.0	2.6	0.0	1.2	0.0	-100.2
			W-TR	I	-50.1	0.0	1811.4	0.0	1090.6	0.0
				J	-50.1	0.0	1811.4	0.0	366.0	0.0
			WL	I	-0.3	0.0	224.3	0.0	150.9	0.0
				J	-0.3	0.0	224.3	0.0	61.2	0.0
6	1	11	D	I	-21.4	0.0	-75.6	0.0	1115.8	0.0
				J	-21.4	0.0	30.4	0.0	1129.3	0.0
			L1	I	0.0	0.0	-4.2	0.0	-1.1	0.0
				J	0.0	0.0	-4.2	0.0	1.4	0.0
			W-LO	I	0.0	2.6	0.0	1.2	0.0	-100.2
				J	0.0	-2.5	0.0	1.2	0.0	-100.2
			W-TR	I	-50.1	0.0	1811.4	0.0	366.0	0.0
				J	-50.1	0.0	1811.4	0.0	-720.8	0.0
			WL	I	-0.3	0.0	224.3	0.0	61.2	0.0
				J	-0.3	0.0	224.3	0.0	-73.4	0.0
7	1	11	D	I	-21.4	0.0	30.4	0.0	1129.3	0.0
				J	-21.4	0.0	101.1	0.0	1103.0	0.0
			L1	I	0.0	0.0	-4.2	0.0	1.4	0.0
				J	0.0	0.0	-4.2	0.0	3.1	0.0
			W-LO	I	0.0	-2.5	0.0	1.2	0.0	-100.2
				J	0.0	-4.7	0.0	1.2	0.0	-98.8
			W-TR	I	-50.1	0.0	1811.4	0.0	-720.8	0.0
				J	-50.1	0.0	1811.4	0.0	-1445.3	0.0
			WL	I	-0.3	0.0	224.3	0.0	-73.4	0.0
				J	-0.3	0.0	224.3	0.0	-163.1	0.0
8	1	12	D	I	-21.4	0.0	101.1	0.0	1103.0	0.0
				J	-21.4	0.0	624.5	0.0	581.2	0.0
			L1	I	0.0	0.0	-4.2	0.0	3.1	0.0
				J	0.0	0.0	-4.2	0.0	9.8	0.0
			W-LO	I	0.0	-4.7	0.0	1.2	0.0	-98.8
				J	0.0	-41.2	0.0	1.2	0.0	-61.7
			W-TR	I	-50.1	0.0	1811.4	0.0	-1445.3	0.0
				J	-50.1	0.0	1811.4	0.0	-4370.7	0.0
			WL	I	-0.3	0.0	224.3	0.0	-163.1	0.0
				J	-0.3	0.0	224.3	0.0	-525.3	0.0
9	1	15	D	I	-21.4	0.0	624.5	0.0	581.2	0.0
				J	-21.4	0.0	1129.3	0.0	-808.7	0.0
			L1	I	0.0	0.0	-4.2	0.0	9.8	0.0
				J	0.0	0.0	-4.2	0.0	16.4	0.0
			W-LO	I	0.0	-41.2	0.0	1.2	0.0	-61.7
				J	0.0	-111.5	0.0	1.2	0.0	59.3
			W-TR	I	-50.1	0.0	1811.4	0.0	-4370.7	0.0
				J	-50.1	0.0	1811.4	0.0	-7241.7	0.0
			WL	I	-0.3	0.0	224.3	0.0	-525.3	0.0
				J	-0.3	0.0	224.3	0.0	-880.7	0.0
10	1	15	D	I	0.0	0.0	-511.9	0.0	-411.3	0.0
				J	0.0	0.0	-7.1	0.0	-0.1	0.0
			L1	I	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
			W-LO	I	0.0	70.3	0.0	-0.0	0.0	55.7
				J	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
				J	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
				J	0.0	0.0	0.0	0.0	-0.0	0.0

```
    11        1        13          D          I          0.0
0.0        -7.1        0.0        -0.1        0.0
                                      J          0.0
0.0        -0.0        0.0         0.0        0.0

                          L1          I          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

                       W-LO           I          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

                       W-TR           I          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

                          WL          I          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

    12        2        16          D          I      -5980.6
0.0        21.4        0.0       412.1        0.0
                                      J     -12056.5
0.0        21.4        0.0      -183.6        0.0

                          L1          I       -633.6
0.0        -0.0        0.0        16.2        0.0
                                      J       -633.6
0.0        -0.0        0.0        16.4        0.0

                       W-LO           I          0.0
-182.0        0.0      4.0         0.0      309.9
                                      J          0.0
-182.0        0.0      4.0         0.0     5363.7

                       W-TR           I       1811.4
0.0       -359.1        0.0     -5455.0        0.0
                                      J       1811.4
0.0       -575.7        0.0      7527.7        0.0

                          WL          I        224.3
0.0        -40.9        0.0      -500.9        0.0
                                      J        224.3
0.0        -40.9        0.0       636.3        0.0

    13        2        16          D          I      -6213.8
0.0        -21.4        0.0      -359.1        0.0
                                      J     -12289.7
0.0        -21.4        0.0       234.9        0.0

                          L1          I       -778.7
0.0         0.0         0.0        16.4        0.0
                                      J       -778.7
0.0         0.0         0.0        16.2        0.0

                       W-LO           I          0.0
-181.8        0.0      -3.6         0.0      325.8
                                      J          0.0
-181.8        0.0      -3.6         0.0     5362.8

                       W-TR           I       -1811.4
0.0       -413.7        0.0     -5680.3        0.0
                                      J       -1811.4
0.0       -521.8        0.0      7276.4        0.0

                          WL          I        -224.3
0.0        -41.6        0.0      -509.0        0.0
                                      J        -224.3
0.0        -41.6        0.0       642.1        0.0
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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 : TAP1 , SECTION ID : 9]

** 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				
6.0	0.0	-0.0	0.0	0.01						
1	SHY	D	1	I	-0.0	0.0				
-0.0	0.0	0.0	0.0	0.01						
1	SHZ	D	1	J	-0.0	0.0				
6.0	0.0	-0.0	0.0	0.01						
1	TOR	D	1	J	-0.0	0.0				
6.0	0.0	-0.0	0.0	0.01						
1	MTY	W-TR	1	I	-39.2	0.0				
0.0	0.0	0.0	0.0	0.01						
1	MTZ	W-LO	1	J	0.0	-0.0				
0.0	0.0	0.0	0.0	0.01						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
1	AXL	W-TR	1	I	-39.2	0.0				
0.0	0.0	0.0	0.0	0.01						
1	SHY	W-LO	1	J	0.0	-0.0				
0.0	0.0	0.0	0.0	0.01						
1	SHZ	D	1	I	-0.0	0.0				
-0.0	0.0	0.0	0.0	0.01						
1	TOR	D	1	J	-0.0	0.0				
6.0	0.0	-0.0	0.0	0.01						
1	MTY	D	1	J	-0.0	0.0				
6.0	0.0	-0.0	0.0	0.01						
1	MTZ	W-TR	1	I	-39.2	0.0				
0.0	0.0	0.0	0.0	0.01						

[SECTION NAME : TAP2 , SECTION ID : 10]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
4	AXL	L1	1	I	0.0	0.0				
-4.2	0.0	-9.5	0.0	1.61						
4	SHY	W-LO	1	I	0.0	41.3				
0.0	1.2	0.0	-61.5	1.61						
4	SHZ	W-TR	1	I	-50.1	0.0				
1811.4	0.0	4016.0	0.0	1.61						
4	TOR	W-LO	1	I	0.0	41.3				
0.0	1.2	0.0	-61.5	1.61						
4	MTY	W-TR	1	I	-50.1	0.0				
1811.4	0.0	4016.0	0.0	1.61						
4	MTZ	W-TR	1	I	-50.1	0.0				
1811.4	0.0	4016.0	0.0	1.61						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
4	AXL	W-TR	1	I	-50.1	0.0				
1811.4	0.0	4016.0	0.0	1.61						
4	SHY	D	1	I	-21.4	0.0				
-610.1	0.0	508.7	0.0	1.61						
4	SHZ	D	1	I	-21.4	0.0				
-610.1	0.0	508.7	0.0	1.61						
4	TOR	W-TR	1	J	-50.1	0.0				
1811.4	0.0	1090.6	0.0	1.61						
4	MTY	L1	1	I	0.0	0.0				
-4.2	0.0	-9.5	0.0	1.61						
4	MTZ	W-LO	1	J	0.0	4.8				
0.0	1.2	0.0	-98.7	1.61						

[SECTION NAME : TAP3 , SECTION ID : 11]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
7	AXL	L1	1	J	0.0	0.0				
-4.2	0.0	3.1	0.0	0.40						
5	SHY	W-LO	1	I	0.0	4.8				
0.0	1.2	0.0	-98.7	0.40						
5	SHZ	W-TR	1	I	-50.1	0.0				
1811.4	0.0	1090.6	0.0	0.40						
5	TOR	W-LO	1	I	0.0	4.8				
0.0	1.2	0.0	-98.7	0.40						
6	MTY	D	1	J	-21.4	0.0				
30.4	0.0	1129.3	0.0	0.60						
5	MTZ	W-TR	1	I	-50.1	0.0				
1811.4	0.0	1090.6	0.0	0.40						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
7	AXL	W-TR	1	J	-50.1	0.0				
1811.4	0.0	-1445.3	0.0	0.40						
7	SHY	W-LO	1	J	0.0	-4.7				
0.0	1.2	0.0	-98.8	0.40						
5	SHZ	D	1	I	-21.4	0.0				
-146.3	0.0	1071.4	0.0	0.40						
7	TOR	W-TR	1	J	-50.1	0.0				
1811.4	0.0	-1445.3	0.0	0.40						
7	MTY	W-TR	1	J	-50.1	0.0				
1811.4	0.0	-1445.3	0.0	0.40						
6	MTZ	W-LO	1	J	0.0	-2.5				
0.0	1.2	0.0	-100.2	0.60						

[SECTION NAME : TAP4 , SECTION ID : 12]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
8	AXL	L1	1	J	0.0	0.0				
-4.2	0.0	9.8	0.0	1.62						
8	SHY	D	1	I	-21.4	0.0				
101.1	0.0	1103.0	0.0	1.62						
8	SHZ	W-TR	1	I	-50.1	0.0				
1811.4	0.0	-1445.3	0.0	1.62						
8	TOR	W-LO	1	J	0.0	-41.2				
0.0	1.2	0.0	-61.7	1.62						
8	MTY	D	1	I	-21.4	0.0				
101.1	0.0	1103.0	0.0	1.62						
8	MTZ	W-TR	1	J	-50.1	0.0				
1811.4	0.0	-4370.7	0.0	1.62						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
8	AXL	W-TR	1	J	-50.1	0.0				
1811.4	0.0	-4370.7	0.0	1.62						
8	SHY	W-LO	1	J	0.0	-41.2				
0.0	1.2	0.0	-61.7	1.62						
8	SHZ	L1	1	I	0.0	0.0				
-4.2	0.0	3.1	0.0	1.62						
8	TOR	W-TR	1	I	-50.1	0.0				
1811.4	0.0	-1445.3	0.0	1.62						
8	MTY	W-TR	1	J	-50.1	0.0				
1811.4	0.0	-4370.7	0.0	1.62						
8	MTZ	W-LO	1	I	0.0	-4.7				
0.0	1.2	0.0	-98.8	1.62						

[SECTION NAME : TAP5 , SECTION ID : 13]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
11	AXL	D	1	I	0.0	0.0				
-7.1	0.0	-0.1	0.0	0.02						
11	SHY	W-LO	1	I	0.0	0.0				
0.0	-0.0	0.0	0.0	0.02						
11	SHZ	W-LO	1	I	0.0	0.0				
0.0	-0.0	0.0	0.0	0.02						
11	TOR	D	1	I	0.0	0.0				
-7.1	0.0	-0.1	0.0	0.02						
11	MTY	WL	1	I	0.0	0.0				
0.0	0.0	0.0	0.0	0.02						
11	MTZ	W-LO	1	I	0.0	0.0				
0.0	-0.0	0.0	0.0	0.02						

** MIN

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

11	AXL	D	1	I	0.0	0.0			
-7.1	0.0	-0.1	0.0	0.02					
11	SHY	W-LO	1	J	0.0	-0.0			
0.0	-0.0	0.0	0.0	0.02					
11	SHZ	D	1	I	0.0	0.0			
-7.1	0.0	-0.1	0.0	0.02					
11	TOR	D	1	I	0.0	0.0			
-7.1	0.0	-0.1	0.0	0.02					
11	MTY	D	1	I	0.0	0.0			
-7.1	0.0	-0.1	0.0	0.02					
11	MTZ	WL	1	I	0.0	0.0			
0.0	0.0	0.0	0.0	0.02					

[SECTION NAME : TAP6 , SECTION ID : 14]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
3	AXL	L1	1	I	0.0	0.0				
-4.2	0.0	-16.2	0.0	1.59						
3	SHY	W-LO	1	I	0.0	111.6				
0.0	1.2	0.0	59.7	1.59						
3	SHZ	W-TR	1	I	-50.1	0.0				
1811.4	0.0	6887.0	0.0	1.59						
3	TOR	W-LO	1	I	0.0	111.6				
0.0	1.2	0.0	59.7	1.59						
3	MTY	W-TR	1	I	-50.1	0.0				
1811.4	0.0	6887.0	0.0	1.59						
3	MTZ	W-LO	1	I	0.0	111.6				
0.0	1.2	0.0	59.7	1.59						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
3	AXL	W-TR	1	I	-50.1	0.0				
1811.4	0.0	6887.0	0.0	1.59						
2	SHY	W-LO	1	J	0.0	-70.3				
0.0	-0.0	0.0	55.7	1.59						
3	SHZ	D	1	I	-21.4	0.0				
-1073.7	0.0	-825.7	0.0	1.59						
3	TOR	W-TR	1	J	-50.1	0.0				
1811.4	0.0	4016.0	0.0	1.59						
3	MTY	D	1	I	-21.4	0.0				
-1073.7	0.0	-825.7	0.0	1.59						
3	MTZ	W-LO	1	J	0.0	41.3				
0.0	1.2	0.0	-61.5	1.59						

[SECTION NAME : TAP7 , SECTION ID : 15]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
9	AXL	L1	1	J	0.0	0.0				
-4.2	0.0	16.4	0.0	1.59						
10	SHY	W-LO	1	I	0.0	70.3				
0.0	-0.0	0.0	55.7	1.58						
9	SHZ	W-TR	1	I	-50.1	0.0				
1811.4	0.0	-4370.7	0.0	1.59						
9	TOR	W-LO	1	J	0.0	-111.5				
0.0	1.2	0.0	59.3	1.59						
9	MTY	D	1	I	-21.4	0.0				
624.5	0.0	581.2	0.0	1.59						
9	MTZ	W-LO	1	J	0.0	-111.5				
0.0	1.2	0.0	59.3	1.59						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
9	AXL	W-TR	1	J	-50.1	0.0				
1811.4	0.0	-7241.7	0.0	1.59						
9	SHY	W-LO	1	J	0.0	-111.5				
0.0	1.2	0.0	59.3	1.59						
10	SHZ	D	1	I	0.0	0.0				
-511.9	0.0	-411.3	0.0	1.58						
9	TOR	W-TR	1	J	-50.1	0.0				
1811.4	0.0	-7241.7	0.0	1.59						
9	MTY	W-TR	1	J	-50.1	0.0				
1811.4	0.0	-7241.7	0.0	1.59						
9	MTZ	W-LO	1	I	0.0	-41.2				
0.0	1.2	0.0	-61.7	1.59						

[SECTION NAME : TAP8 , SECTION ID : 16]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
12	AXL	W-TR	1	J	1811.4	0.0				
-575.7	0.0	7527.7	0.0	29.49						
12	SHY	D	1	I	-5980.6	0.0				
21.4	0.0	412.1	0.0	29.49						
12	SHZ	D	1	I	-5980.6	0.0				
21.4	0.0	412.1	0.0	29.49						
12	TOR	W-LO	1	I	0.0	-182.0				
0.0	4.0	0.0	309.9	29.49						
12	MTY	W-TR	1	J	1811.4	0.0				
-575.7	0.0	7527.7	0.0	29.49						
12	MTZ	W-LO	1	J	0.0	-182.0				
0.0	4.0	0.0	5363.7	29.49						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
13	AXL	D	1	J	-12289.7	0.0				
-21.4	0.0	234.9	0.0	29.49						
12	SHY	W-LO	1	I	0.0	-182.0				
0.0	4.0	0.0	309.9	29.49						
12	SHZ	W-TR	1	J	1811.4	0.0				
-575.7	0.0	7527.7	0.0	29.49						
13	TOR	W-LO	1	I	0.0	-181.8				
0.0	-3.6	0.0	325.8	29.49						
13	MTY	W-TR	1	I	-1811.4	0.0				
-413.7	0.0	-5680.3	0.0	29.49						
13	MTZ	D	1	J	-12289.7	0.0				
-21.4	0.0	234.9	0.0	29.49						

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	9	D	I	0.0	0.0	-0.0	0.0	0.0	0.0
				J	0.0	0.0	0.5	0.0	0.0	-0.0
			L1	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	0.0
				J	0.0	-0.0	0.0	0.0	0.0	
			W-TR	I	-2.5	0.0	0.0	0.0	0.0	0.0
				J	-2.5	0.0	0.0	0.0	0.0	
			WL	I	-0.0	0.0	0.0	0.0	0.0	0.0
				J	-0.0	0.0	0.0	0.0	0.0	
2	1	14	D	I	0.0	0.0	0.0	0.0	0.0	0.0
				J	0.0	0.0	0.0	0.0	0.0	
			L1	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	0.0
				J	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	-3.3	0.0	0.0	0.0	0.0	0.0
				J	-3.3	0.0	0.0	0.0	0.0	
			WL	I	-0.0	0.0	0.0	0.0	0.0	0.0
				J	-0.0	0.0	0.0	0.0	0.0	
3	1	14	D	I	-1.8	0.0	0.0	0.0	0.0	0.0
				J	-1.8	0.0	0.0	0.0	0.0	
			L1	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	0.0
				J	0.0	0.0	0.0	0.0	0.0	
			W-TR	I	-4.3	0.0	0.0	0.0	0.0	0.0
				J	-4.3	0.0	0.0	0.0	0.0	
			WL	I	-0.0	0.0	0.0	0.0	0.0	0.0
				J	-0.0	0.0	0.0	0.0	0.0	
4	1	10	D	I	-1.3	0.0	-51.1	0.0	0.0	-56.9	56.9
				J	-3.0	0.0	-27.6	0.0	0.0	-404.2	404.2
			L1	I	0.0	0.0	-0.4	0.0	0.0	1.1	-1.1
				J	0.0	0.0	-0.8	0.0	0.0	1.1	-1.1
			W-LO	I	0.0	3.5	0.0	6.9	-6.9	0.0	0.0
				J	0.0	0.9	0.0	37.2	-37.2	0.0	0.0
			W-TR	I	-3.1	0.0	151.9	0.0	0.0	-448.9	448.9
				J	-7.1	0.0	341.7	0.0	0.0	-411.4	411.4
			WL	I	-0.0	0.0	18.8	0.0	0.0	-57.3	57.3
				J	-0.0	0.0	42.3	0.0	0.0	-56.9	56.9
5	1	11	D	I	-3.0	0.0	-27.6	0.0	0.0	-404.2	404.2
				J	-3.0	0.0	-14.3	0.0	0.0	-420.9	420.9
			L1	I	0.0	0.0	-0.8	0.0	0.0	1.1	-1.1
				J	0.0	0.0	-0.8	0.0	0.0	0.4	-0.4
			W-LO	I	0.0	0.9	0.0	37.2	-37.2	0.0	0.0
				J	0.0	0.5	0.0	37.8	-37.8	0.0	0.0
			W-TR	I	-7.1	0.0	341.7	0.0	0.0	-411.4	411.4
				J	-7.1	0.0	341.7	0.0	0.0	-138.1	138.1
			WL	I	-0.0	0.0	42.3	0.0	0.0	-56.9	56.9
				J	-0.0	0.0	42.3	0.0	0.0	-23.1	23.1
6	1	11	D	I	-3.0	0.0	-14.3	0.0	0.0	-420.9	420.9
				J	-3.0	0.0	5.7	0.0	0.0	-426.0	426.0
			L1	I	0.0	0.0	-0.8	0.0	0.0	0.4	-0.4
				J	0.0	0.0	-0.8	0.0	0.0	-0.5	0.5
			W-LO	I	0.0	0.5	0.0	37.8	-37.8	0.0	0.0
				J	0.0	-0.5	0.0	37.8	-37.8	0.0	0.0

W-TR I -7.1
0.0 341.7 0.0 0.0 -138.1 138.1
J -7.1 0.0
341.7 0.0 0.0 271.9 -271.9

WL I -0.0
0.0 42.3 0.0 0.0 -23.1 23.1
J -0.0 0.0
42.3 0.0 0.0 27.7 -27.7

7 1 11 D I -3.0
0.0 5.7 0.0 0.0 -426.0 426.0
J -3.0 0.0
19.1 0.0 0.0 -416.1 416.1

L1 I 0.0 0.0
-0.8 0.0 0.0 -0.5 0.5
J 0.0 0.0
-0.8 0.0 0.0 -1.2 1.2

W-LO I 0.0
-0.5 0.0 37.8 -37.8 0.0 0.0
J 0.0 -0.9
0.0 37.3 -37.3 0.0 0.0

W-TR I -7.1
0.0 341.7 0.0 0.0 271.9 -271.9
J -7.1 0.0
341.7 0.0 0.0 545.3 -545.3

WL I -0.0
0.0 42.3 0.0 0.0 27.7 -27.7
J -0.0 0.0
42.3 0.0 0.0 61.5 -61.5

8 1 12 D I -3.0
0.0 19.1 0.0 0.0 -416.1 416.1
J -1.1 0.0
44.2 0.0 0.0 -50.3 50.3

L1 I 0.0 0.0
-0.8 0.0 0.0 -1.2 1.2
J 0.0 0.0
-0.3 0.0 0.0 -0.9 0.9

W-LO I 0.0
-0.9 0.0 37.3 -37.3 0.0 0.0
J 0.0 -2.9
0.0 5.3 -5.3 0.0 0.0

W-TR I -7.1
0.0 341.7 0.0 0.0 545.3 -545.3
J -2.7 0.0
128.1 0.0 0.0 378.4 -378.4

WL I -0.0
0.0 42.3 0.0 0.0 61.5 -61.5
J -0.0 0.0
15.9 0.0 0.0 45.5 -45.5

9 1 15 D I -1.7
0.0 0.0 0.0 0.0 0.0 0.0
J -1.7 0.0
0.0 0.0 0.0 0.0 0.0

L1 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

W-TR I -3.9
0.0 0.0 0.0 0.0 0.0 0.0
J -3.9 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

10 1 15 D 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

L1 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

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

J 0.0 0.0
0.0 0.0 0.0 0.0 0.0

11 1 13 D I 0.0
0.0 -0.5 0.0 0.0 0.0 -0.0
J 0.0 0.0
-0.0 0.0 0.0 0.0 0.0

L1 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

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

12 2 16 D I -725.6
0.0 0.0 0.0 0.0 0.0 0.0
J -1462.7
0.0 0.0 0.0 0.0 0.0 0.0

L1 I -76.9 0.0
0.0 0.0 0.0 0.0
J -76.9 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

W-TR I 219.8
0.0 0.0 0.0 0.0 0.0 0.0
J 219.8 0.0
0.0 0.0 0.0 0.0 0.0

WL I 27.2
0.0 0.0 0.0 0.0 0.0 0.0
J 27.2 0.0
0.0 0.0 0.0 0.0 0.0

13 2 16 D I -753.8
0.0 0.0 0.0 0.0 0.0 0.0
J -1491.0
0.0 0.0 0.0 0.0 0.0 0.0

L1 I -94.5 0.0
0.0 0.0 0.0 0.0 0.0
J -94.5 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

W-TR I -219.8
0.0 0.0 0.0 0.0 0.0 0.0
J -219.8
0.0 0.0 0.0 0.0 0.0 0.0

WL I -27.2
0.0 0.0 0.0 0.0 0.0 0.0
J -27.2 0.0
0.0 0.0 0.0 0.0 0.0

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

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[SECTION NAME : TAP1 , SECTION ID : 9]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
1	AXL	D	1	J	0.0	0.0	0.5	0.0
1	SHY	D	1	I	0.0	0.0	0.0	0.0	-0.0
1	BY+	D	1	I	0.0	0.0	-0.0	0.0	0.0
1	BY-	W-LO	1	J	0.0	-0.0	0.0	-0.0	0.0
1	BZ+	D	1	J	0.0	0.0	0.5	0.0	-0.0
1	BZ-	D	1	I	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)
1	AXL	W-TR	1	I	-2.5	0.0	0.0	0.0	0.0
1	SHY	W-LO	1	J	0.0	-0.0	0.0	-0.0	0.0
1	SHZ	D	1	I	0.0	0.0	-0.0	0.0	0.0
1	BY+	W-LO	1	J	0.0	-0.0	0.0	-0.0	0.0
1	BY-	W-TR	1	I	-2.5	0.0	0.0	0.0	0.0
1	BZ+	W-TR	1	I	-2.5	0.0	0.0	0.0	0.0
1	BZ-	D	1	J	0.0	0.0	0.5	0.0	-0.0

[SECTION NAME : TAP2 , SECTION ID : 10]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
4	AXL	L1	1	J	0.0	0.0	-0.8	0.0	0.0	1.1	-1.1
4	SHY	W-LO	1	I	0.0	3.5	0.0	6.9	-6.9	0.0	0.0
4	SHZ	W-TR	1	J	-7.1	0.0	341.7	0.0	0.0	-411.4	411.4
4	BY+	W-LO	1	J	0.0	0.9	0.0	37.2	-37.2	0.0	0.0
4	BY-	L1	1	J	0.0	0.0	-0.8	0.0	0.0	1.1	-1.1
4	BZ+	L1	1	I	0.0	0.0	-0.4	0.0	0.0	1.1	-1.1
4	BZ-	W-TR	1	I	-3.1	0.0	151.9	0.0	0.0	-448.9	448.9

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
4	AXL	W-TR	1	J	-7.1	0.0	341.7	0.0	0.0	-411.4	411.4
4	SHY	D	1	I	-1.3	0.0	-51.1	0.0	0.0	-56.9	56.9
4	SHZ	D	1	I	-1.3	0.0	-51.1	0.0	0.0	-56.9	56.9
4	BY+	W-TR	1	J	-7.1	0.0	341.7	0.0	0.0	-411.4	411.4
4	BY-	W-LO	1	J	0.0	0.9	0.0	37.2	-37.2	0.0	0.0
4	BZ+	W-TR	1	I	-3.1	0.0	151.9	0.0	0.0	-448.9	448.9
4	BZ-	L1	1	I	0.0	0.0	-0.4	0.0	0.0	1.1	-1.1

[SECTION NAME : TAP3 , SECTION ID : 11]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
7	AXL	L1	1	J	0.0	0.0	-0.8	0.0	0.0	-1.2	1.2
5	SHY	W-LO	1	I	0.0	0.9	0.0	37.2	-37.2	0.0	0.0
5	SHZ	W-TR	1	I	-7.1	0.0	341.7	0.0	0.0	-411.4	411.4
6	BY+	W-LO	1	J	0.0	-0.5	0.0	37.8	-37.8	0.0	0.0

6	BY-	L1	1	I	0.0	0.0	0.0	0.0	0.0
-0.8	0.0	0.0	0.4	-0.4					
7	BZ+	W-TR	1	J	-7.1	0.0	0.0	0.0	0.0
341.7	0.0	0.0	545.3	-545.3					
6	BZ-	D	1	J	-3.0	0.0	0.0	0.0	0.0
5.7	0.0	0.0	-426.0	426.0					

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
7	AXL	W-TR	1	J	-7.1	0.0	0.0	0.0
341.7	0.0	0.0	545.3	-545.3				
7	SHY	W-LO	1	J	0.0	-0.9	0.0	0.0
0.0	37.3	-37.3	0.0	0.0				
5	SHZ	D	1	I	-3.0	0.0	0.0	0.0	0.0
-27.6	0.0	0.0	-404.2	404.2					
5	BY+	W-TR	1	I	-7.1	0.0	0.0	0.0	0.0
341.7	0.0	0.0	-411.4	411.4					
6	BY-	W-LO	1	J	0.0	-0.5	0.0	0.0	0.0
0.0	37.8	-37.8	0.0	0.0					
6	BZ+	D	1	J	-3.0	0.0	0.0	0.0	0.0
5.7	0.0	0.0	-426.0	426.0					
7	BZ-	W-TR	1	J	-7.1	0.0	0.0	0.0	0.0
341.7	0.0	0.0	545.3	-545.3					

[SECTION NAME : TAP4 , SECTION ID : 12]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
8	AXL	L1	1	I	0.0	0.0	0.0	0.0	0.0
-0.8	0.0	0.0	-1.2	1.2					
8	SHY	D	1	I	-3.0	0.0	0.0	0.0	0.0
19.1	0.0	0.0	-416.1	416.1					
8	SHZ	W-TR	1	I	-7.1	0.0	0.0	0.0	0.0
341.7	0.0	0.0	545.3	-545.3					
8	BY+	W-LO	1	I	0.0	-0.9	0.0	0.0	0.0
0.0	37.3	-37.3	0.0	0.0					
8	BY-	L1	1	I	0.0	0.0	0.0	0.0	0.0
-0.8	0.0	0.0	-1.2	1.2					
8	BZ+	W-TR	1	I	-7.1	0.0	0.0	0.0	0.0
341.7	0.0	0.0	545.3	-545.3					
8	BZ-	D	1	I	-3.0	0.0	0.0	0.0	0.0
19.1	0.0	0.0	-416.1	416.1					

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
8	AXL	W-TR	1	I	-7.1	0.0	0.0	0.0	0.0
341.7	0.0	0.0	545.3	-545.3					
8	SHY	W-LO	1	J	0.0	-2.9	0.0	0.0	0.0
0.0	5.3	-5.3	0.0	0.0					
8	SHZ	L1	1	I	0.0	0.0	0.0	0.0	0.0
-0.8	0.0	0.0	-1.2	1.2					
8	BY+	W-TR	1	I	-7.1	0.0	0.0	0.0	0.0
341.7	0.0	0.0	545.3	-545.3					
8	BY-	W-LO	1	I	0.0	-0.9	0.0	0.0	0.0
0.0	37.3	-37.3	0.0	0.0					
8	BZ+	D	1	I	-3.0	0.0	0.0	0.0	0.0
19.1	0.0	0.0	-416.1	416.1					
8	BZ-	W-TR	1	I	-7.1	0.0	0.0	0.0	0.0
341.7	0.0	0.0	545.3	-545.3					

[SECTION NAME : TAP5 , SECTION ID : 13]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
11	AXL	D	1	I	0.0	0.0	0.0	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0					
11	SHY	W-LO	1	I	0.0	0.0	0.0	0.0	0.0
0.0	-0.0	0.0	0.0	0.0					
11	SHZ	D	1	J	0.0	0.0	0.0	0.0	0.0
-0.0	0.0	0.0	0.0	0.0					
11	BY+	WL	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
11	BY-	W-LO	1	I	0.0	0.0	0.0	0.0	0.0
0.0	-0.0	0.0	0.0	0.0					
11	BZ+	D	1	I	0.0	0.0	0.0	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0					
11	BZ-	WL	1	I	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)
11	AXL	D	1	I	0.0	0.0	0.0	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0					
11	SHY	W-LO	1	J	0.0	-0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
11	SHZ	D	1	I	0.0	0.0	0.0	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0					
11	BY+	W-LO	1	I	0.0	0.0	0.0	0.0	0.0
0.0	-0.0	0.0	0.0	0.0					
11	BY-	D	1	I	0.0	0.0	0.0	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0					
11	BZ+	D	1	J	0.0	0.0	0.0	0.0	0.0
-0.0	0.0	0.0	0.0	0.0					
11	BZ-	D	1	I	0.0	0.0	0.0	0.0	0.0
-0.5	0.0	0.0	0.0	-0.0					

[SECTION NAME : TAP6 , SECTION ID : 14]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
3	AXL	L1	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
2	SHY	D	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
2	SHZ	D	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
3	BY+	L1	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
3	BY-	L1	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
3	BZ+	L1	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
3	BZ-	L1	1	I	0.0	0.0	0.0	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)
3	AXL	W-TR	1	I	-4.3	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
2	SHY	D	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
2	SHZ	D	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
3	BY+	W-TR	1	I	-4.3	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
3	BY-	W-TR	1	I	-4.3	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
3	BZ+	W-TR	1	I	-4.3	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
3	BZ-	W-TR	1	I	-4.3	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					

[SECTION NAME : TAP7 , SECTION ID : 15]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
9	AXL	L1	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	SHY	D	1	I	-1.7	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	SHZ	D	1	I	-1.7	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BY+	L1	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BY-	L1	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BZ+	L1	1	I	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BZ-	L1	1	I	0.0	0.0	0.0	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)
9	AXL	W-TR	1	I	-3.9	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	SHY	D	1	I	-1.7	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	SHZ	D	1	I	-1.7	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BY+	W-TR	1	I	-3.9	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BY-	W-TR	1	I	-3.9	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BZ+	W-TR	1	I	-3.9	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BZ-	W-TR	1	I	-3.9	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					

[SECTION NAME : TAP8 , SECTION ID : 16]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
12	AXL	W-TR	1	I	219.8	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	SHY	D	1	I	-725.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	SHZ	D	1	I	-725.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	BY+	W-TR	1	I	219.8	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	BY-	W-TR	1	I	219.8	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	BZ+	W-TR	1	I	219.8	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	BZ-	W-TR	1	I	219.8	0.0	0.0	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)
13	AXL	D	1	J	-1491.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	SHY	D	1	I	-725.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	SHZ	D	1	I	-725.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
13	BY+	D	1	J	-1491.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
13	BY-	D	1	J	-1491.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
13	BZ+	D	1	J	-1491.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
13	BZ-	D	1	J	-1491.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					