■ 남천교 대구방향(P2) 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	-59.0	0.0	-1073.6	0.0	-1072.3	0.0
				J	-59.0	0.0	-610.0	0.0	262.0	0.0
			L1	I	0.0	0.0	-4.4	0.0	-16.8	0.0
				J	0.0	0.0	-4.4	0.0	-9.9	0.0
			W-LO	I	0.0	111.7	0.0	1.7	0.0	62.6
				J	0.0	41.4	0.0	1.7	0.0	-58.7
			W-TR	I	-38.8	0.0	1085.1	0.0	4151.4	0.0
				J	-38.8	0.0	1085.1	0.0	2431.6	0.0
			WL	I	-0.5	0.0	159.4	0.0	615.7	0.0
				J	-0.5	0.0	159.4	0.0	363.0	0.0
4	1	10	D	I	-59.0	0.0	-610.0	0.0	262.0	0.0
				J	-59.0	0.0	-146.2	0.0	824.6	0.0
			L1	I	0.0	0.0	-4.4	0.0	-9.9	0.0
				J	0.0	0.0	-4.4	0.0	-2.8	0.0
			W-LO	I	0.0	41.4	0.0	1.7	0.0	-58.7
				J	0.0	4.9	0.0	1.7	0.0	-96.0
			W-TR	I	-38.8	0.0	1085.1	0.0	2431.6	0.0
				J	-38.8	0.0	1085.1	0.0	679.2	0.0
			WL	I	-0.5	0.0	159.4	0.0	363.0	0.0
				J	-0.5	0.0	159.4	0.0	105.5	0.0
5	1	11	D	I	-59.0	0.0	-146.2	0.0	824.6	0.0
				J	-59.0	0.0	-75.5	0.0	868.9	0.0
			L1	I	0.0	0.0	-4.4	0.0	-2.8	0.0
				J	0.0	0.0	-4.4	0.0	-1.1	0.0
			W-LO	I	0.0	4.9	0.0	1.7	0.0	-96.0
				J	0.0	2.6	0.0	1.7	0.0	-97.5
			W-TR	I	-38.8	0.0	1085.1	0.0	679.2	0.0
				J	-38.8	0.0	1085.1	0.0	245.2	0.0
			WL	I	-0.5	0.0	159.4	0.0	105.5	0.0
				J	-0.5	0.0	159.4	0.0	41.8	0.0
6	1	11	D	I	-59.0	0.0	-75.5	0.0	868.9	0.0
				J	-59.0	0.0	30.5	0.0	882.4	0.0
			L1	I	0.0	0.0	-4.4	0.0	-1.1	0.0
				J	0.0	0.0	-4.4	0.0	1.5	0.0
			W-LO	I	0.0	2.6	0.0	1.7	0.0	-97.5
				J	0.0	-2.4	0.0	1.7	0.0	-97.6
			W-TR	I	-38.8	0.0	1085.1	0.0	245.2	0.0
				J	-38.8	0.0	1085.1	0.0	-405.8	0.0
			WL	I	-0.5	0.0	159.4	0.0	41.8	0.0
				J	-0.5	0.0	159.4	0.0	-53.9	0.0
7	1	11	D	I	-59.0	0.0	30.5	0.0	882.4	0.0
				J	-59.0	0.0	101.2	0.0	856.1	0.0
			L1	I	0.0	0.0	-4.4	0.0	1.5	0.0
				J	0.0	0.0	-4.4	0.0	3.3	0.0
			W-LO	I	0.0	-2.4	0.0	1.7	0.0	-97.6
				J	0.0	-4.6	0.0	1.7	0.0	-96.2
			W-TR	I	-38.8	0.0	1085.1	0.0	-405.8	0.0
				J	-38.8	0.0	1085.1	0.0	-839.8	0.0
			WL	I	-0.5	0.0	159.4	0.0	-53.9	0.0
				J	-0.5	0.0	159.4	0.0	-117.7	0.0
8	1	12	D	I	-59.0	0.0	101.2	0.0	856.1	0.0
				J	-59.0	0.0	624.6	0.0	334.1	0.0
			L1	I	0.0	0.0	-4.4	0.0	3.3	0.0
				J	0.0	0.0	-4.4	0.0	10.3	0.0
			W-LO	I	0.0	-4.6	0.0	1.7	0.0	-96.2
				J	0.0	-41.1	0.0	1.7	0.0	-59.2
			W-TR	I	-38.8	0.0	1085.1	0.0	-839.8	0.0
				J	-38.8	0.0	1085.1	0.0	-2592.2	0.0
			WL	I	-0.5	0.0	159.4	0.0	-117.7	0.0
				J	-0.5	0.0	159.4	0.0	-375.2	0.0
9	1	15	D	I	-59.0	0.0	624.6	0.0	334.1	0.0
				J	-59.0	0.0	1129.4	0.0	-1055.9	0.0
			L1	I	0.0	0.0	-4.4	0.0	10.3	0.0
				J	0.0	0.0	-4.4	0.0	17.2	0.0
			W-LO	I	0.0	-41.1	0.0	1.7	0.0	-59.2
				J	0.0	-111.5	0.0	1.7	0.0	61.7
			W-TR	I	-38.8	0.0	1085.1	0.0	-2592.2	0.0
				J	-38.8	0.0	1085.1	0.0	-4312.0	0.0
			WL	I	-0.5	0.0	159.4	0.0	-375.2	0.0
				J	-0.5	0.0	159.4	0.0	-627.9	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      -5893.6
0.0        59.0        0.0       594.4        0.0
                                      J      -9362.2
0.0        59.0        0.0      -298.3        0.0

                          L1          I       -634.6
0.0        -0.0        0.0        16.8        0.0
                                      J       -634.6
0.0        -0.0        0.0        17.1        0.0

                       W-LO           I          0.0
-198.4         0.0        6.9         0.0      323.6
                                      J          0.0
-343.6         0.0        6.9         0.0     4421.9

                       W-TR           I       1085.1
0.0       -370.4        0.0     -2700.1        0.0
                                      J       1085.1
0.0       -488.3        0.0      3792.4        0.0

                          WL          I        159.4
0.0        -40.7        0.0      -248.6        0.0
                                      J        159.4
0.0        -40.7        0.0       367.3        0.0

    13        2        16          D          I      -6129.1
0.0        -59.0        0.0      -539.2        0.0
                                      J      -9597.6
0.0        -59.0        0.0       349.1        0.0

                          L1          I       -780.9
0.0         0.0        0.0        17.2        0.0
                                      J       -780.9
0.0         0.0        0.0        16.9        0.0

                       W-LO           I          0.0
-198.9         0.0       -6.0         0.0      341.4
                                      J          0.0
-343.4         0.0       -6.0         0.0     4421.4

                       W-TR           I      -1085.1
0.0       -402.5        0.0     -2770.7        0.0
                                      J      -1085.1
0.0       -461.1        0.0      3726.8        0.0

                          WL          I        159.4
0.0        -41.8        0.0      -255.8        0.0
                                      J        159.4
0.0        -41.8        0.0       372.8        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				
-4.4	0.0	-9.9	0.0	1.61						
4	SHY	W-LO	1	I	0.0	41.4				
0.0	1.7	0.0	-58.7	1.61						
4	SHZ	W-TR	1	I	-38.8	0.0				
1085.1	0.0	2431.6	0.0	1.61						
4	TOR	W-LO	1	I	0.0	41.4				
0.0	1.7	0.0	-58.7	1.61						
4	MTY	W-TR	1	I	-38.8	0.0				
1085.1	0.0	2431.6	0.0	1.61						
4	MTZ	D	1	I	-59.0	0.0				
-610.0	0.0	262.0	0.0	1.61						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
4	AXL	D	1	J	-59.0	0.0				
-146.2	0.0	824.6	0.0	1.61						
4	SHY	D	1	I	-59.0	0.0				
-610.0	0.0	262.0	0.0	1.61						
4	SHZ	D	1	I	-59.0	0.0				
-610.0	0.0	262.0	0.0	1.61						
4	TOR	W-TR	1	J	-38.8	0.0				
1085.1	0.0	679.2	0.0	1.61						
4	MTY	L1	1	I	0.0	0.0				
-4.4	0.0	-9.9	0.0	1.61						
4	MTZ	W-LO	1	J	0.0	4.9				
0.0	1.7	0.0	-96.0	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				
-4.4	0.0	3.3	0.0	0.40						
5	SHY	W-LO	1	I	0.0	4.9				
0.0	1.7	0.0	-96.0	0.40						
5	SHZ	W-TR	1	I	-38.8	0.0				
1085.1	0.0	679.2	0.0	0.40						
5	TOR	W-LO	1	I	0.0	4.9				
0.0	1.7	0.0	-96.0	0.40						
7	MTY	D	1	I	-59.0	0.0				
30.5	0.0	882.4	0.0	0.40						
7	MTZ	D	1	I	-59.0	0.0				
30.5	0.0	882.4	0.0	0.40						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
7	AXL	D	1	I	-59.0	0.0				
30.5	0.0	882.4	0.0	0.40						
7	SHY	W-LO	1	J	0.0	-4.6				
0.0	1.7	0.0	-96.2	0.40						
5	SHZ	D	1	I	-59.0	0.0				
-146.2	0.0	824.6	0.0	0.40						
6	TOR	W-TR	1	I	-38.8	0.0				
1085.1	0.0	245.2	0.0	0.60						
7	MTY	W-TR	1	J	-38.8	0.0				
1085.1	0.0	-839.8	0.0	0.40						
6	MTZ	W-LO	1	J	0.0	-2.4				
0.0	1.7	0.0	-97.6	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				
-4.4	0.0	10.3	0.0	1.62						
8	SHY	D	1	I	-59.0	0.0				
101.2	0.0	856.1	0.0	1.62						
8	SHZ	W-TR	1	I	-38.8	0.0				
1085.1	0.0	-839.8	0.0	1.62						
8	TOR	W-LO	1	J	0.0	-41.1				
0.0	1.7	0.0	-59.2	1.62						
8	MTY	D	1	I	-59.0	0.0				
101.2	0.0	856.1	0.0	1.62						
8	MTZ	D	1	J	-59.0	0.0				
624.6	0.0	334.1	0.0	1.62						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
8	AXL	D	1	I	-59.0	0.0				
101.2	0.0	856.1	0.0	1.62						
8	SHY	W-LO	1	J	0.0	-41.1				
0.0	1.7	0.0	-59.2	1.62						
8	SHZ	L1	1	I	0.0	0.0				
-4.4	0.0	3.3	0.0	1.62						
8	TOR	W-TR	1	J	-38.8	0.0				
1085.1	0.0	-2592.2	0.0	1.62						
8	MTY	W-TR	1	J	-38.8	0.0				
1085.1	0.0	-2592.2	0.0	1.62						
8	MTZ	W-LO	1	I	0.0	-4.6				
0.0	1.7	0.0	-96.2	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	W-TR	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

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	W-TR	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				
-4.4	0.0	-16.8	0.0	1.59						
3	SHY	W-LO	1	I	0.0	111.7				
0.0	1.7	0.0	62.6	1.59						
3	SHZ	W-TR	1	I	-38.8	0.0				
1085.1	0.0	4151.4	0.0	1.59						
3	TOR	W-LO	1	I	0.0	111.7				
0.0	1.7	0.0	62.6	1.59						
3	MTY	W-TR	1	I	-38.8	0.0				
1085.1	0.0	4151.4	0.0	1.59						
3	MTZ	W-LO	1	I	0.0	111.7				
0.0	1.7	0.0	62.6	1.59						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
3	AXL	D	1	I	-59.0	0.0				
-1073.6	0.0	-1072.3	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	-59.0	0.0				
-1073.6	0.0	-1072.3	0.0	1.59						
3	TOR	W-TR	1	J	-38.8	0.0				
1085.1	0.0	2431.6	0.0	1.59						
3	MTY	D	1	I	-59.0	0.0				
-1073.6	0.0	-1072.3	0.0	1.59						
3	MTZ	W-LO	1	J	0.0	41.4				
0.0	1.7	0.0	-58.7	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				
-4.4	0.0	17.2	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	D	1	J	-59.0	0.0				
1129.4	0.0	-1055.9	0.0	1.59						
9	TOR	W-LO	1	J	0.0	-111.5				
0.0	1.7	0.0	61.7	1.59						
9	MTY	D	1	I	-59.0	0.0				
624.6	0.0	334.1	0.0	1.59						
9	MTZ	W-LO	1	J	0.0	-111.5				
0.0	1.7	0.0	61.7	1.59						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
9	AXL	D	1	J	-59.0	0.0				
1129.4	0.0	-1055.9	0.0	1.59						
9	SHY	W-LO	1	J	0.0	-111.5				
0.0	1.7	0.0	61.7	1.59						
10	SHZ	D	1	I	0.0	0.0				
-511.9	0.0	-411.3	0.0	1.58						
9	TOR	D	1	J	-59.0	0.0				
1129.4	0.0	-1055.9	0.0	1.59						
9	MTY	W-TR	1	J	-38.8	0.0				
1085.1	0.0	-4312.0	0.0	1.59						
9	MTZ	W-LO	1	I	0.0	-41.1				
0.0	1.7	0.0	-59.2	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	1085.1	0.0				
-488.3	0.0	3792.4	0.0	16.83						
12	SHY	D	1	I	-5893.6	0.0				
59.0	0.0	594.4	0.0	16.83						
12	SHZ	D	1	I	-5893.6	0.0				
59.0	0.0	594.4	0.0	16.83						
12	TOR	W-LO	1	J	0.0	-343.6				
0.0	6.9	0.0	4421.9	16.83						
12	MTY	W-TR	1	J	1085.1	0.0				
-488.3	0.0	3792.4	0.0	16.83						
12	MTZ	W-LO	1	J	0.0	-343.6				
0.0	6.9	0.0	4421.9	16.83						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION	MOMENT-y	MOMENT-z	LENGTH
13	AXL	D	1	J	-9597.6	0.0				
-59.0	0.0	349.1	0.0	16.83						
12	SHY	W-LO	1	J	0.0	-343.6				
0.0	6.9	0.0	4421.9	16.83						
12	SHZ	W-TR	1	J	1085.1	0.0				
-488.3	0.0	3792.4	0.0	16.83						
13	TOR	W-LO	1	J	0.0	-343.4				
0.0	-6.0	0.0	4421.4	16.83						
13	MTY	W-TR	1	I	-1085.1	0.0				
-402.5	0.0	-2770.7	0.0	16.83						
13	MTZ	D	1	J	-9597.6	0.0				
-59.0	0.0	349.1	0.0	16.83						

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	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	-2.5	0.0	0.0	0.0	0.0	0.0
				J	-2.5	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	0.0	0.0	0.0	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	-3.3	0.0	0.0	0.0	0.0	0.0
				J	-3.3	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	-5.0	0.0	0.0	0.0	0.0	0.0
				J	-5.0	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	-3.3	0.0	0.0	0.0	0.0	0.0
				J	-3.3	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
4	1	10	D	I	-3.7	0.0	-51.1	0.0	0.0	-29.3	29.3
				J	-8.4	0.0	-27.6	0.0	0.0	-311.1	311.1
				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	6.6	-6.6	0.0	0.0
				J	0.0	0.9	0.0	36.2	-36.2	0.0	0.0
				W-TR	I	-2.4	0.0	91.0	0.0	0.0	-271.8	271.8
				J	-5.5	0.0	204.7	0.0	0.0	-256.3	256.3
				WL	I	-0.0	0.0	13.4	0.0	0.0	-40.6	40.6
				J	-0.1	0.0	30.1	0.0	0.0	-39.8	39.8
5	1	11	D	I	-8.4	0.0	-27.6	0.0	0.0	-311.1	311.1
				J	-8.4	0.0	-14.2	0.0	0.0	-327.8	327.8
				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	36.2	-36.2	0.0	0.0
				J	0.0	0.5	0.0	36.8	-36.8	0.0	0.0
				W-TR	I	-5.5	0.0	204.7	0.0	0.0	-256.3	256.3
				J	-5.5	0.0	204.7	0.0	0.0	-92.5	92.5
				WL	I	-0.1	0.0	30.1	0.0	0.0	-39.8	39.8
				J	-0.1	0.0	30.1	0.0	0.0	-15.8	15.8
6	1	11	D	I	-8.4	0.0	-14.2	0.0	0.0	-327.8	327.8
				J	-8.4	0.0	5.8	0.0	0.0	-332.9	332.9
				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	-0.6	0.6
				W-LO	I	0.0	0.5	0.0	36.8	-36.8	0.0	0.0
				J	0.0	-0.5	0.0	36.8	-36.8	0.0	0.0

W-TR I -5.5
0.0 204.7 0.0 0.0 -92.5 92.5
J -5.5 0.0
204.7 0.0 0.0 153.1 -153.1

WL I -0.1
0.0 30.1 0.0 0.0 -15.8 15.8
J -0.1 0.0
30.1 0.0 0.0 20.3 -20.3

7 1 11 D I -8.4
0.0 5.8 0.0 0.0 -332.9 332.9
J -8.4 0.0
19.1 0.0 0.0 -323.0 323.0

L1 I 0.0 0.0
-0.8 0.0 0.0 -0.6 0.6
J 0.0 0.0
-0.8 0.0 0.0 -1.2 1.2

W-LO I 0.0
-0.5 0.0 36.8 -36.8 0.0 0.0
J 0.0 -0.9
0.0 36.3 -36.3 0.0 0.0

W-TR I -5.5
0.0 204.7 0.0 0.0 153.1 -153.1
J -5.5 0.0
204.7 0.0 0.0 316.8 -316.8

WL I -0.1
0.0 30.1 0.0 0.0 20.3 -20.3
J -0.1 0.0
30.1 0.0 0.0 44.4 -44.4

8 1 12 D I -8.4
0.0 19.1 0.0 0.0 -323.0 323.0
J -3.1 0.0
44.2 0.0 0.0 -28.9 28.9

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 36.3 -36.3 0.0 0.0
J 0.0 -2.9
0.0 5.1 -5.1 0.0 0.0

W-TR I -5.5
0.0 204.7 0.0 0.0 316.8 -316.8
J -2.1 0.0
76.7 0.0 0.0 224.4 -224.4

WL I -0.1
0.0 30.1 0.0 0.0 44.4 -44.4
J -0.0 0.0
11.3 0.0 0.0 32.5 -32.5

9 1 15 D I -4.6
0.0 0.0 0.0 0.0 0.0 0.0
J -4.6 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 -3.0
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

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 -715.0
0.0 0.0 0.0 0.0 0.0 0.0
J -1135.8
0.0 0.0 0.0 0.0 0.0 0.0

L1 I -77.0 0.0
0.0 0.0 0.0 0.0
J -77.0 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 131.6
0.0 0.0 0.0 0.0 0.0 0.0
J 131.6 0.0
0.0 0.0 0.0 0.0 0.0

WL I 19.3
0.0 0.0 0.0 0.0 0.0 0.0
J 19.3 0.0
0.0 0.0 0.0 0.0 0.0

13 2 16 D I -743.6
0.0 0.0 0.0 0.0 0.0 0.0
J -1164.4
0.0 0.0 0.0 0.0 0.0 0.0

L1 I -94.7 0.0
0.0 0.0 0.0 0.0 0.0
J -94.7 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 -131.6
0.0 0.0 0.0 0.0 0.0 0.0
J -131.6
0.0 0.0 0.0 0.0 0.0 0.0

WL I -19.3
0.0 0.0 0.0 0.0 0.0 0.0
J -19.3 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	0.0	-0.0
1	BY+	D	1	I	0.0	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	0.0
1	BZ+	D	1	J	0.0	0.0	0.5	0.0	0.0	-0.0
1	BZ-	D	1	I	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)
1	AXL	W-TR	1	I	-2.5	0.0	0.0	0.0	0.0	0.0
1	SHY	W-LO	1	J	0.0	-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	0.0
1	BY+	W-LO	1	J	0.0	-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	0.0
1	BZ+	W-TR	1	I	-2.5	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	-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	6.6	-6.6	0.0	0.0
4	SHZ	W-TR	1	J	-5.5	0.0	204.7	0.0	0.0	-256.3	256.3
4	BY+	W-LO	1	J	0.0	0.9	0.0	36.2	-36.2	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-	D	1	J	-8.4	0.0	-27.6	0.0	0.0	-311.1	311.1

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
4	AXL	D	1	J	-8.4	0.0	-27.6	0.0	0.0	-311.1	311.1
4	SHY	D	1	I	-3.7	0.0	-51.1	0.0	0.0	-29.3	29.3
4	SHZ	D	1	I	-3.7	0.0	-51.1	0.0	0.0	-29.3	29.3
4	BY+	D	1	J	-8.4	0.0	-27.6	0.0	0.0	-311.1	311.1
4	BY-	W-LO	1	J	0.0	0.9	0.0	36.2	-36.2	0.0	0.0
4	BZ+	D	1	J	-8.4	0.0	-27.6	0.0	0.0	-311.1	311.1
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	36.2	-36.2	0.0	0.0
5	SHZ	W-TR	1	I	-5.5	0.0	204.7	0.0	0.0	-256.3	256.3
6	BY+	W-LO	1	J	0.0	-0.5	0.0	36.8	-36.8	0.0	0.0

5	BY-	L1	1	I	0.0	0.0	0.0	0.0	0.0
-0.8	0.0	0.0	1.1	-1.1					
7	BZ+	W-TR	1	J	-5.5	0.0	0.0	0.0	0.0
204.7	0.0	0.0	316.8	-316.8					
6	BZ-	D	1	J	-8.4	0.0	0.0	0.0	0.0
5.8	0.0	0.0	-332.9	332.9					

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
7	AXL	D	1	I	-8.4	0.0	0.0	0.0	0.0
5.8	0.0	0.0	-332.9	332.9					
7	SHY	W-LO	1	J	0.0	-0.9	0.0	0.0	0.0
0.0	36.3	-36.3	0.0	0.0					
5	SHZ	D	1	I	-8.4	0.0	0.0	0.0	0.0
-27.6	0.0	0.0	-311.1	311.1					
7	BY+	D	1	I	-8.4	0.0	0.0	0.0	0.0
5.8	0.0	0.0	-332.9	332.9					
6	BY-	W-LO	1	J	0.0	-0.5	0.0	0.0	0.0
0.0	36.8	-36.8	0.0	0.0					
7	BZ+	D	1	I	-8.4	0.0	0.0	0.0	0.0
5.8	0.0	0.0	-332.9	332.9					
7	BZ-	W-TR	1	J	-5.5	0.0	0.0	0.0	0.0
204.7	0.0	0.0	316.8	-316.8					

[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	-8.4	0.0	0.0	0.0	0.0
19.1	0.0	0.0	-323.0	323.0					
8	SHZ	W-TR	1	I	-5.5	0.0	0.0	0.0	0.0
204.7	0.0	0.0	316.8	-316.8					
8	BY+	W-LO	1	I	0.0	-0.9	0.0	0.0	0.0
0.0	36.3	-36.3	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	-5.5	0.0	0.0	0.0	0.0
204.7	0.0	0.0	316.8	-316.8					
8	BZ-	D	1	I	-8.4	0.0	0.0	0.0	0.0
19.1	0.0	0.0	-323.0	323.0					

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-Z	(+y)-BENDING-(-y)	(+z)-BENDING-(-z)
8	AXL	D	1	I	-8.4	0.0	0.0	0.0	0.0
19.1	0.0	0.0	-323.0	323.0					
8	SHY	W-LO	1	J	0.0	-2.9	0.0	0.0	0.0
0.0	5.1	-5.1	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+	D	1	I	-8.4	0.0	0.0	0.0	0.0
19.1	0.0	0.0	-323.0	323.0					
8	BY-	W-LO	1	I	0.0	-0.9	0.0	0.0	0.0
0.0	36.3	-36.3	0.0	0.0					
8	BZ+	D	1	I	-8.4	0.0	0.0	0.0	0.0
19.1	0.0	0.0	-323.0	323.0					
8	BZ-	W-TR	1	I	-5.5	0.0	0.0	0.0	0.0
204.7	0.0	0.0	316.8	-316.8					

[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+	W-TR	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-	W-TR	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	D	1	I	-5.0	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+	D	1	I	-5.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
3	BY-	D	1	I	-5.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
3	BZ+	D	1	I	-5.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
3	BZ-	D	1	I	-5.0	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	-4.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	SHZ	D	1	I	-4.6	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	D	1	I	-4.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	SHY	D	1	I	-4.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	SHZ	D	1	I	-4.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BY+	D	1	I	-4.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BY-	D	1	I	-4.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BZ+	D	1	I	-4.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
9	BZ-	D	1	I	-4.6	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	131.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	SHY	D	1	I	-715.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	SHZ	D	1	I	-715.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	BY+	W-TR	1	I	131.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	BY-	W-TR	1	I	131.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	BZ+	W-TR	1	I	131.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	BZ-	W-TR	1	I	131.6	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	-1164.4	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	SHY	D	1	I	-715.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
12	SHZ	D	1	I	-715.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
13	BY+	D	1	J	-1164.4	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
13	BY-	D	1	J	-1164.4	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
13	BZ+	D	1	J	-1164.4	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					
13	BZ-	D	1	J	-1164.4	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0					