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CONNECTED User: Vaibhav Bihani

Job No

Sheet No

1

Rev

Part

Job Title

Ref

By

Date 21-Nov-21

Chd

Client

File TEST.STD

Date/Time 24-Nov-2021 13:08

Beam End Forces

Sign convention is as the action of the joint on the beam.

			Axial	Shear		Torsion	Bending	
Beam	Node	L/C	Fx (kN)	Fy (kN)	Fz (kN)	Mx (kN·m)	My (kN·m)	Mz (kN·m)
1	1	1:LL	0.000	-0.000	-1.497	0.108	0.990	-0.000
	2	1:LL	-0.000	0.000	1.497	-0.108	0.507	0.000
2	2	1:LL	0	0	-2.994	0.215	1.497	0.000
	3	1:LL	0	0	2.994	-0.215	1.497	0.000
3	3	1:LL	-0.000	0.000	-1.497	0.108	0.507	-0.000
	4	1:LL	0.000	-0.000	1.497	-0.108	0.990	0.000
4	4	1:LL	-0.000	-0.000	-1.497	-0.108	0.990	0.000
	5	1:LL	0.000	0.000	1.497	0.108	0.507	-0.000
5	5	1:LL	0	0	-2.994	-0.215	1.497	-0.000
	6	1:LL	0	0	2.994	0.215	1.497	-0.000
6	6	1:LL	0.000	-0.000	-1.497	-0.108	0.507	0.000
	1	1:LL	-0.000	0.000	1.497	0.108	0.990	-0.000
7	1	1:LL	-2.994	0.000	1.427	0.000	-1.176	0.000
	7	1:LL	2.994	-0.000	-1.427	-0.000	-1.677	0.000
8	2	1:LL	-1.497	0.208	1.787	0.000	-1.657	0.278
	8	1:LL	1.497	-0.208	-1.787	-0.000	-1.916	0.138
9	3	1:LL	1.497	-0.208	1.787	0.000	-1.657	-0.278
	9	1:LL	-1.497	0.208	-1.787	-0.000	-1.916	-0.138
10	4	1:LL	2.994	-0.000	1.427	0.000	-1.176	-0.000
	10	1:LL	-2.994	0.000	-1.427	-0.000	-1.677	-0.000
11	5	1:LL	1.497	0.208	1.787	0.000	-1.657	0.278
	11	1:LL	-1.497	-0.208	-1.787	-0.000	-1.916	0.138
12	6	1:LL	-1.497	-0.208	1.787	0.000	-1.657	-0.278
	12	1:LL	1.497	0.208	-1.787	-0.000	-1.916	-0.138