

Reaction

JT	Brg Combo	Brg Width	Rqd Brg Width	Max React	Max Grav Uplift	Max MWFRS Uplift	Max C&C Uplift	Max Uplift	Max Hor
1	1	5.5 in	1.50 in	1,483 lbs	.	.	.	.	.
11	1	5.5 in	1.50 in	1,483 lbs	.	.	.	.	.

Material

TC: SYP#2 4 x 2

BC: SYP#2 4 x 2

Web: SYP#3 4 x 2

Loads

1) Minimum storage attic loading has not been applied in accordance with IRC 301.5

2) In accordance with IRC 301.5, minimum BCLL's do not apply.

Member Forces

Table indicates: Member ID, max CSI, max axial force, (max compr. force if different from max axial force). Only forces greater than 300lbs are

TC	1-2	0.136	-1,858 lbs	4-6	0.624	-4,042 lbs	8-9	0.602	-4,042 lbs	
	2-3	0.401	-1,863 lbs	6-7	0.566	-4,431 lbs	9-10	0.401	-1,863 lbs	
	3-4	0.602	-4,042 lbs	7-8	0.624	-4,042 lbs	10-11	0.136	-1,858 lbs	
BC	13-14	0.956	3,093 lbs	16-17	0.852	4,431 lbs	18-19	0.956	3,093 lbs	
	14-16	0.852	4,431 lbs	17-18	0.852	4,431 lbs				
Web	1-19	0.538	2,258 lbs	4-18	0.074	-312 lbs	9-14	0.554	1,163 lbs	
	2-19	0.083	-352 lbs	6-18	0.231	-788 lbs	9-13	0.456	-1,529 lbs	
	3-19	0.456	-1,529 lbs	7-14	0.231	-788 lbs	10-13	0.083	-352 lbs	
	3-18	0.554	1,163 lbs	8-14	0.074	-312 lbs	11-13	0.538	2,258 lbs	

Notes

1) Unless noted otherwise, do not cut or alter any truss member or plate without prior approval from a Professional Engineer.

2) Unless otherwise specified by the Building Designer, one strongback every 10'-0".

3) A creep factor of 1.00 has been applied for this truss analysis.

4) The "SYP" label shown in the "Material Summary" above indicates the new SPIB design values effective June 1, 2013 were used.

5) Horizontal clearance between inside face of bearing and where the outside edge of the end web meets the bottom side of the top chord shall not exceed 0.5"