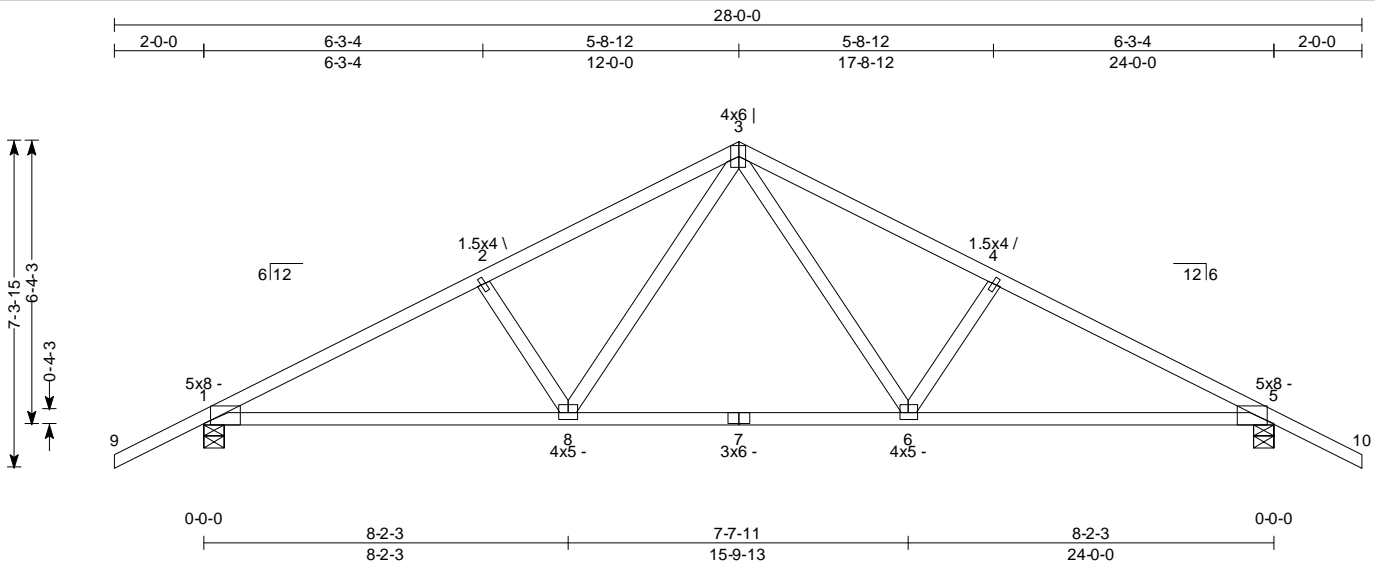


SPAN 24-0-0	PITCH 6/12	QTY 20	OHL 2-0-0	OHR 2-0-0	CANT L 0-0-0	CANT R 0-0-0	PLYS 1	SPACING 24 in	WGT/PLY 84 lbs	BRD FT/PLY 52.0
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Loading	General	CSI Summary	Deflection	L/	(loc)	Allowed
TCLL : 20 psf Snow : 42 psf TCDL : 10 psf(rake) BCLL : 0 psf BCDL : 10 psf	Bldg Code : IRC 2006/ TPI 1-2002 Rep Mbr Increase : Yes D.O.L. : 100 % Simplified	TC : 0.81 (2-3) BC : 0.92 (8-1) Web : 0.29 (3-8)	Vert TL: 0.22 in Vert LL: 0.12 in Horz TL: 0.11 in	L / 999 L / 999	(5-6) 7 10	L / 240 L / 360

Plate Offsets (Jnt:X,Y,Ang): (1:5-11.1-11.0.) (2:0-0.3-15.56.) (3:0-0.4-0.90.) (4:0-0.3-15.56.) (5:5-11.1-11.0.) (6:0-0.3-8.0.) (7:0-0.1-12.0.) (8:0-0.3-8.0.)

### Reaction Summary

JT	Type	Brg Combo	Brg Width	Max React	Max Grav Uplift	Max MWFRS Uplift	Max C&C Uplift	Max Uplift	Max Horiz
1	Pin (Wall)	1	5.5 in	1,912 lbs	.	.	-223 lbs	-223 lbs	34 lbs
5	H Roll (Wall)	1	5.5 in	1,912 lbs	.	.	-223 lbs	-223 lbs	.

### Material Summary

TC	SPF 2100/1.8	2 x 4
BC	SPF #2	2 x 4
Webs	SPF #2	2 x 4

### Bracing Summary

TC Bracing:	Sheathed or purlins at 3-7-0, Purlin design by Others.
BC Bracing:	Sheathed or purlins at 10-0-0, Purlin design by Others.

### Loads Summary

- This truss has been designed for the effects of wind loads in accordance with ASCE7 - 05 with the following user defined input: 90 mph, Exposure C, Enclosed, Gable/Hip, Building Category II (I = 1.00), Overall Bldg Dims 25 ft x 60 ft, h = 15 ft, Not End Zone Truss, Neither end web considered. DOL = 1.33
- This truss has been designed for the effects of balanced (6/12, 42 psf) and unbalanced (6/12, 12.6 psf wind, 42 psf lee, 32.9 psf lee over peak to 8.1 ft) snow loads for hips/gables in accordance with ASCE7 - 05 with the following user defined input: 60 psf ground snow load, Terrain Category C, Partially Exposed, Building Category II (I = 1.0), Ct = 1.00, DOL = 1.15. If the roof configuration differs from hip/gable, Building Designer shall verify snow loads.
- This truss has been designed to account for the effects of ice dams forming at the eaves.
- This truss has been designed for the effects of a 16 psf live load computed in accordance with IRC 2006 assuming slope = 6/12 and area supported = 56 ft<sup>2</sup>.
- Minimum storage attic loading has been applied in accordance with IRC 301.5

### Member Forces Summary

Table indicates: Member ID, max CSI/Stress, max axial force, (max compr. force if different from max axial force)

TC	9-1	0.549	170 lbs	2-3	0.815	-2,620 lbs	4-5	0.631	-3,062 lbs
	1-2	0.631	-3,062 lbs	3-4	0.815	-2,620 lbs	5-10	0.549	170 lbs
BC	5-6	0.917	2,634 lbs	6-8	0.785	1,473 lbs	8-1	0.917	2,634 lbs
			(-130 lbs)						(-130 lbs)
Webs	2-8	0.258	-989 lbs	3-8	0.289	1,180 lbs	3-6	0.289	1,180 lbs
						(-16 lbs)	4-6	0.258	-989 lbs

### Notes:

- When this truss has been chosen for quality assurance inspection, the Plate Placement Method per TPI 1-2002/A3.2 shall be used.
- Brace bottom chord with properly applied gypsum board or approved equal, unless noted otherwise.