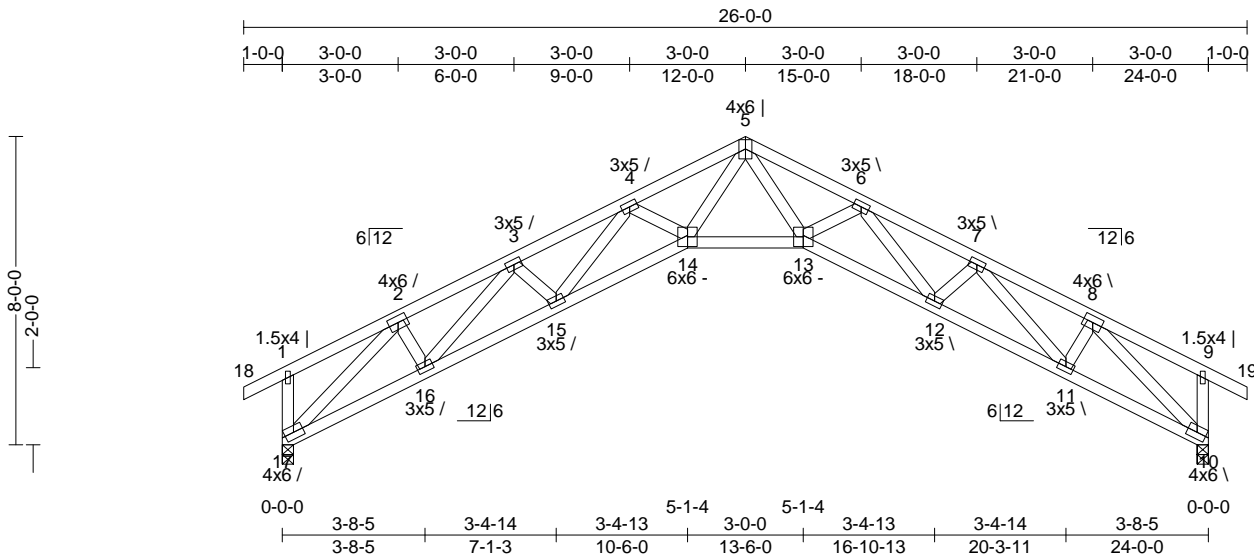


Burrows Post Frame & Supply101 Leaning Tree Rd.
Ft Gibson, OK 74434
800-766-5793**Truss: B24**JobName: 162518
Designer: Josh Miller
Date: 12/19/16 08:44:22
Page: 1 of 1

SPAN	PITCH	QTY	OHL	OHR	CANT L	CANT R	PLYS	SPACING	WGT/PLY
24-0-0	6/12	1	1-0-0	1-0-0	0-0-0	0-0-0	1	24 in	136 lbs



All plates shown to be Eagle 20 unless otherwise noted.

Loading (psf)	General	CSI Summary	Deflection	L/	(loc)	Allowed
TCLL : 20	Bldg Code : IBC 2012/	TC : 0.40 (4-5)	Vert TL: 0.62 in	L / 451	(13-14)	L / 240
GSL : 20	TPI 1-2007	BC : 0.91 (12-13)	Vert LL: 0.25 in	L / 999	(13-14)	L / 360
TCDL : 10	Rep Mbr Increase : No	Web : 0.72 (2-17)	Horz TL: 0.75 in		10	
BCLL : 0	Lumber D.O.L. : 115 %					
BCDL : 10						

Reaction Summary

JT	Brg Combo	Brg Width	Rqd Brg Width	Max React	Max Grav Uplift	Max MWFRS Uplift	Max C&C Uplift	Max Uplift	Max Horiz
17	1	3.5 in	1.50 in	1,020 lbs	-	-42 lbs	-174 lbs	-174 lbs	90 lbs
10	1	3.5 in	1.50 in	1,020 lbs	-	-42 lbs	-174 lbs	-174 lbs	-

Material SummaryTC SYP #2 2 x 4
BC SYP #2 2 x 4
Webs SYP #3 2 x 4**Bracing Summary**TC Bracing: Sheathed or Purlins at 2-11-0, Purlin design by Others.
BC Bracing: Sheathed or Purlins at 10-0-0, Purlin design by Others.**Loads Summary**

- 1) This truss has been designed for the effects due to 10 psf bottom chord live load plus dead loads.
- 2) This truss has been designed for the effects of balanced and unbalanced snow loads for hips/gables in accordance with ASCE7 - 10 with the following user defined input: 20 psf ground snow load, Terrain Category C, Exposure Category Fully Exposed (Ce = 0.9), Risk Category II (I = 1.00), Thermal Condition All Others (Ct = 1.0), DOL = 1.15. If the roof configuration differs from hip/gable, Building Designer shall verify snow loads.
- 3) This truss has been designed to account for the effects of ice dams forming at the eaves.
- 4) This truss has been designed for the effects of wind loads in accordance with ASCE7 - 10 with the following user defined input: 115 mph (Factored), Exposure C, Enclosed, Gable/Hip, Risk Category II, h=B=L=20 ft, End Zone Truss, Both end webs considered. DOL = 1.60
- 5) This truss has been designed for the effects of a 20 psf live load computed in accordance with IBC 2012 assuming slope = 3/12 and area supported = 60 ft^2, DOL = 125 %.
- 6) Minimum storage attic loading has been applied in accordance with IBC 1607.1

Notes:

- 1) Unless noted otherwise, do not cut or alter any truss member or plate without prior approval from a Professional Engineer.
- 2) When this truss has been chosen for quality assurance inspection, the Double Polygon Method per TPI 1-2007/Chapter 3 shall be used.
- 3) The fabrication tolerance for this roof truss is 5 % (Cq = 0.95).
- 4) Brace bottom chord with approved sheathing or purlins per Bracing Summary.
- 5) Creep has been considered in the analysis of this truss.
- 6) The "SYP" label shown in the "Material Summary" above indicates the new SPIB design values effective June 1, 2013 were used.
- 7) Listed wind uplift reactions based on MWFRS & C&C loading.