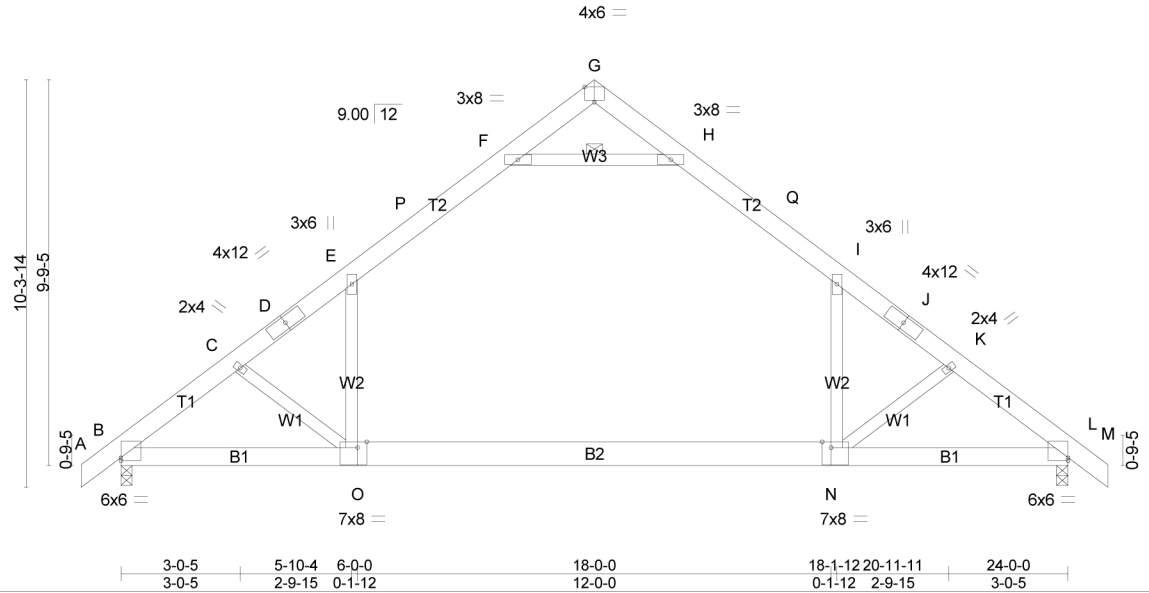
Job	Truss	Truss Type	Qty	Ply	
120404	2492RAT	ATTIC	1	1	Job Reference (optional)

Saratoga Lumber Traders, Ballston Spa, NY 12020 — Run: 7.250 s Aug 25 2011 Print: 7.410 s Mar 11 2013 MiTek Industries, Inc. Wed Apr 17 13:02:31 2013 Page 1
ID:_Q3wjENKI_6ng?GOXAblL8zlHsn-xMa9yQASGSFHUQCdEwE6vFGMGR_cZIWF8d1wJZzPpnM

1-0-0	3-0-5	5-10-4	12-0-0	18-1-12	20-11-11	24-0-0	25-0-0
1-0-0	3-0-5	2-9-15	6-1-12	6-1-12	2-9-15	3-0-5	1-0-0

Scale = 1:58.4



3-0-5	5-10-4	6-0-0	18-0-0	18-1-12	20-11-11	24-0-0
3-0-5	2-9-15	0-1-12	12-0-0	0-1-12	2-9-15	3-0-5

Plate Offsets (X,Y): [B:0-0-1,0-1-0], [G:0-3-0,Edge], [L:0-0-1,0-1-0], [N:0-2-12,Edge], [O:0-2-12,Edge]

LOADING (psf)		**SPACING**	2-0-0	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	46.2	Plates Increase	1.15	TC	0.91	Vert(LL)	-0.59	N-O	>482	240	MT20	169/123
(Ground Snow=60.0)		Lumber Increase	1.15	BC	0.58	Vert(TL)	-1.13	N-O	>251	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.40	Horz(TL)	0.05	L	n/a	n/a		
BCLL	0.0 *	Code IBC2006/TPI2002		(Matrix)		Attic	-0.30	N-O	484	360	Weight: 154 lb	FT = 20%
BCDL	10.0											

LUMBER
TOP CHORD 2x6 SYP SS *Except*
T1: 2x6 SPF 1650F 1.5E
BOT CHORD 2x6 SYP SS *Except*
B2: 2x8 SYP SS
WEBS 2x4 SPF-S No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-1-6 oc bracing.
WEBS 1 Row at midpt F-H

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) B=2329/0-3-8 (min. 0-2-12), L=2329/0-3-8 (min. 0-2-12)
Max Horz B=226(LC 8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-3302/0, C-D=-2908/0, D-E=-2724/0, E-P=-2009/0, F-P=-1745/38, F-G=0/859, G-H=0/859, H-Q=-1745/38, I-Q=-2009/0, I-J=-2724/0, J-K=-2908/0, K-L=-3302/0
BOT CHORD B-O=0/2455, N-O=0/1929, L-N=0/2455
WEBS F-H=-2965/0, E-O=0/1213, I-N=0/1213, C-O=-759/58, K-N=-759/58

NOTES
1) Wind: ASCE 7-05; 90mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pg=60.0 psf (ground snow); Ps=46.2 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 15.0 psf or 2.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Ceiling dead load (7.0 psf) on member(s). E-F, H-I, F-H; Wall dead load (7.0psf) on member(s).E-O, I-N
10) Bottom chord live load (30.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. N-O
11) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
12) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard