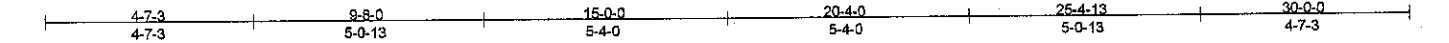


Job	Truss	Truss Type	Qty	Ply	STANDARDS IRC 2009	121024845
STANDARDS_IRC_2009	S30C	STANDARD	1	1	Job Reference (optional)	

Mainly Trusses, Inc., Fairfield, ME

7.350 s Sep 26 2012 MiTek Industries, Inc. Wed Aug 21 06:04:02 2013 Page 1
 ID:ktRAUbx3WC_8nRHUFFzjcByKHBz-RMTsIPiwYvFiuJrUD6hywvXGck_nguBoHOLBrlYlj1R



Scale = 1:48.8

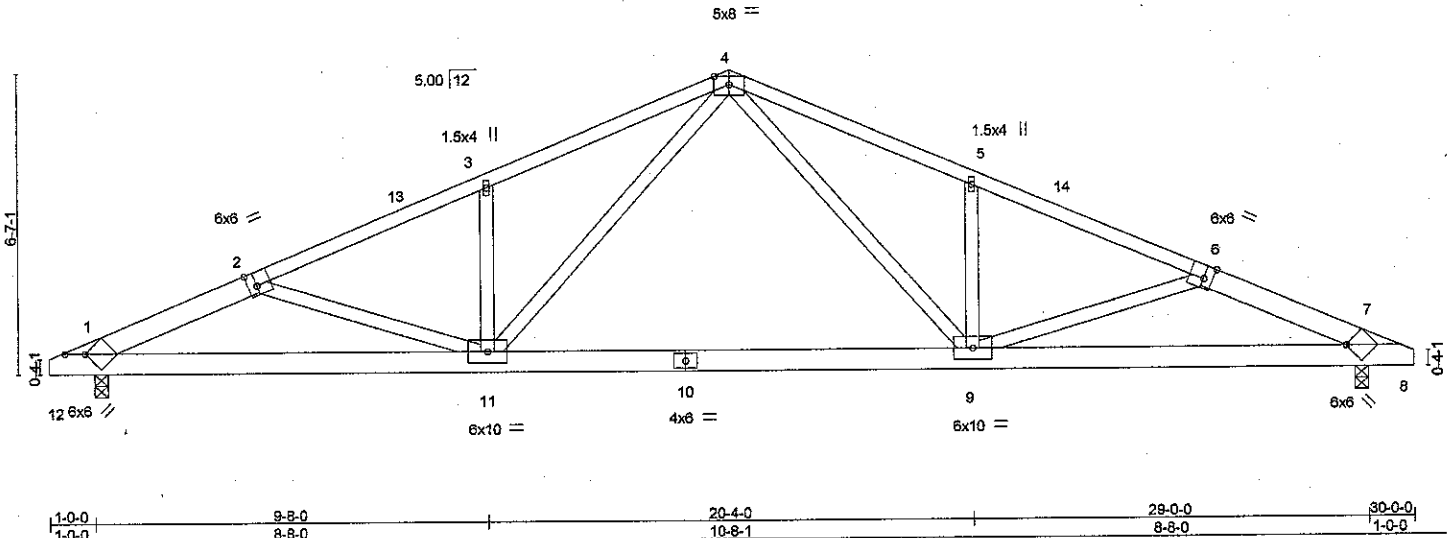


Plate Offsets (X, Y): [1:0-3-12,Edge], [2:0-2-4,Edge], [6:0-2-4,Edge], [7:0-0-1,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 61.6 (Ground Snow=80.0)	2-0-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IRC2009/TPI2007	TC 0.95 BC 0.98 WB 0.43 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.28 9-11 >999 240 Vert(TL) -0.48 9-11 >700 180 Horz(TL) 0.11 7 n/a n/a	MT20	197/144
TCDL 7.0				Weight: 134 lb	FT = 15%
BCLL 0.0					
BCDL 10.0					

LUMBER
 TOP CHORD 2x4 SPF No.2 *Except*
 1-2,6-7: 2x6 SPF 1650F 1.5E
 BOT CHORD 2x6 SPF No.2
 WEBS 2x4 SPF No.2

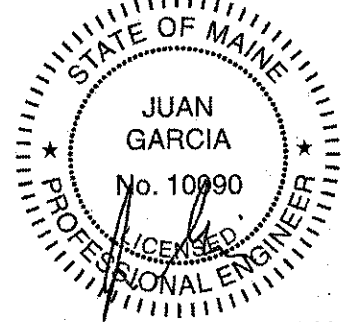
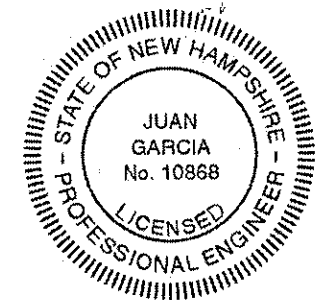
BRACING
 TOP CHORD Structural wood sheathing directly applied.
 BOT CHORD Rigid ceiling directly applied or 8-5-13 oc bracing.
 MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 1=2227/0-3-8 (min. 0-3-8), 7=2227/0-3-8 (min. 0-3-8)
 Max Horz 1=97(LC 7)
 Max Uplift 1=361(LC 7), 7=361(LC 8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-4434/781, 2-13=-3881/611, 3-13=-3697/620, 3-4=-3874/745, 4-5=-3874/745, 5-14=-3697/620, 6-14=-3881/612, 6-7=-4434/782
 BOT CHORD 1-11=-746/3913, 10-11=-311/2538, 9-10=-311/2538, 7-9=-650/3913
 WEBS 3-11=-969/277, 5-9=-969/276, 2-11=-491/246, 4-11=-312/1756, 4-9=-311/1756, 6-9=-491/247

- NOTES**
- 1) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; 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=80.0 psf (ground snow); Ps=81.6 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 a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=361, 7=361.

LOAD CASE(S) Standard



August 21, 2013

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE.
 Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, D58-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 781 N. Lee Street, Suite 312, Alexandria, VA 22314.
 If Southern Pine (SP) lumber is specified, the design values are those effective 06/01/2013 by ALSC.

MiTek
 14515 N. Outer Forty, Suite #300
 Chesterfield, MO 63017

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