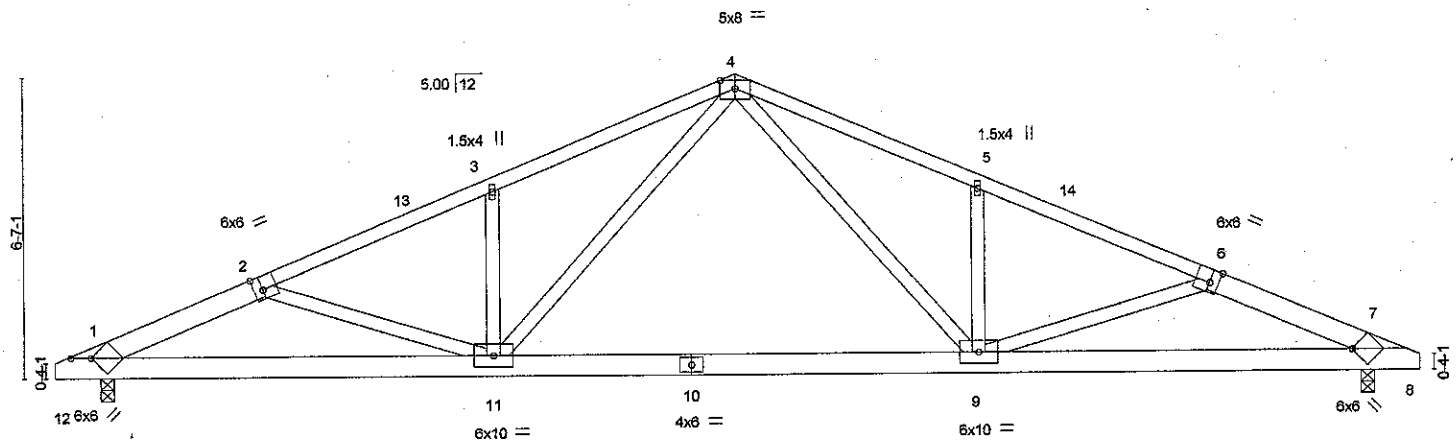
Job	Truss	Truss Type	Qty	Ply	STANDARDS IRC 2009	I21024845
STANDARDS_IRC_2009	S30C	STANDARD	1	1	Job Reference (optional)	

Mainely Trusses, Inc., Fairfield, ME

7.350 s Sep 26 2012 MiTek Industries, Inc. Wed Aug 21 06:04:02 2013 Page 1
ID:klRAUbx3WC_8nRHUFFzjc8yKHBz-RMTs1PiwYvFiuJrUD6hywvXGCk_nguBoH0LBrlylj1R

4-7-3	9-8-0	15-0-0	20-4-0	25-4-13	30-0-0
4-7-3	5-0-13	5-4-0	5-4-0	5-0-13	4-7-3

Scale = 1:48.6



1-0-0	9-8-0	20-4-0	29-0-0	30-0-0
1-0-0	8-8-0	10-8-1	8-8-0	1-0-0

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

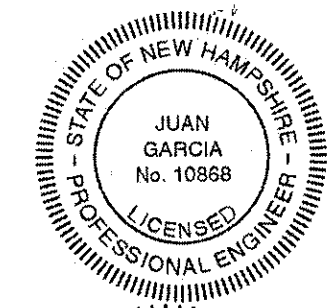
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

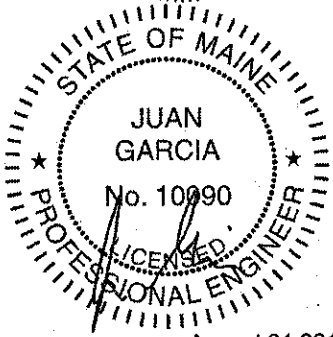
REACTIONS (lb/size) 1=2227/0-3-8 (min. 0-3-8), 7=2227/0-3-8 (min. 0-3-8)
Max Horz 1=97(LC 7)
Max Uplift 1=-361(LC 7), 7=-361(LC 8)

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=61.6 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

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