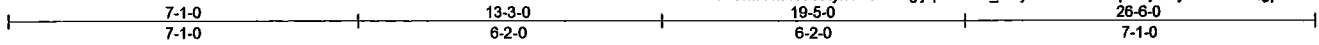


TRUSS BOTH SIDES

Job 056912	Truss T01	Truss Type FINK	Qty 18	Ply 1	LANTEC 18 LAMBERT ST 126482626
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Mainely Trusses, Inc., Fairfield, ME

8.010 s Mar 30 2016 MITek Industries, Inc. Wed Apr 13 09:34:39 2016 Page 1



5x6 =

Scale = 1:44.7

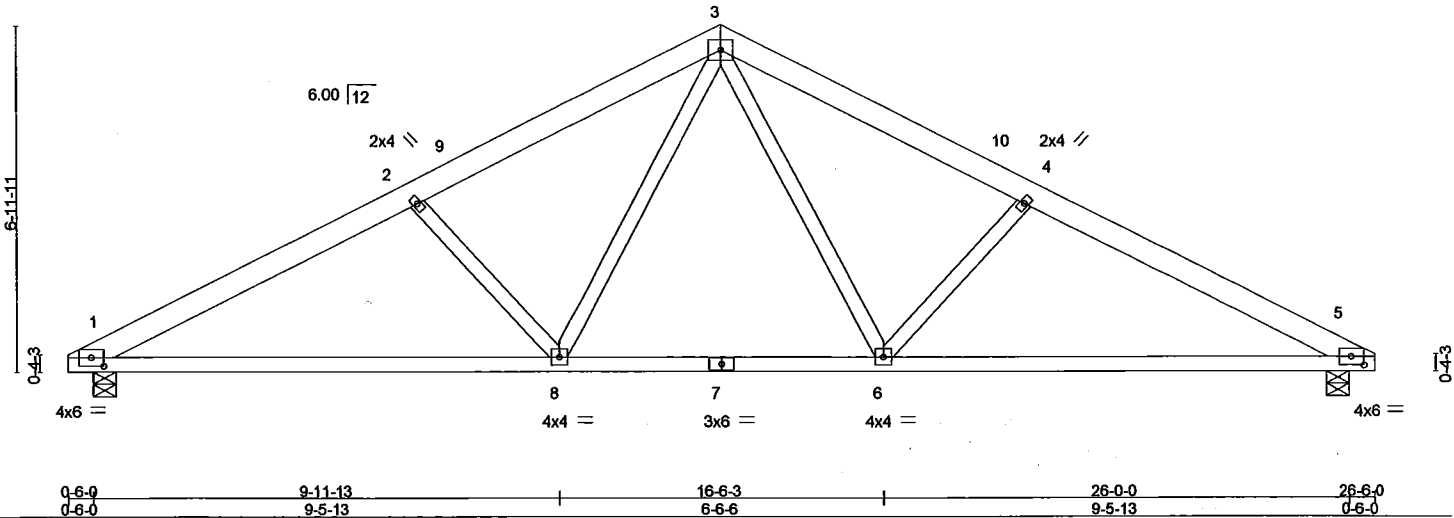


Plate Offsets (X,Y)-- [1:0-3-0,0-2-2], [5:0-3-0,0-2-2]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 46.2 (Ground Snow=60.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.62 BC 0.87 WB 0.28 Matrix-S	In (loc) l/defl L/d Vert(LL) -0.22 5-6 >999 240 Vert(TL) -0.58 5-6 >523 180 Horz(TL) 0.10 5 n/a n/a	MT20	197/144
TCDL 7.0	Rep Stress Incr YES			Weight: 109 lb	FT = 20%
BCLL 0.0	Code IRC2009/TPI2007				
BCDL 10.0					

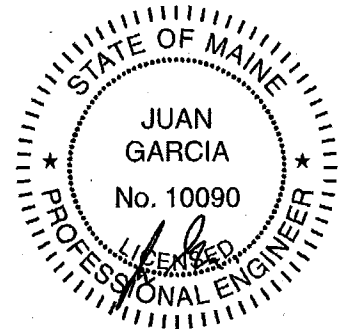
LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-10-14 oc bracing.

REACTIONS. (lb/size) 1=1596/0-5-8, 5=1596/0-5-8
Max Horz 1=-107(LC 5)
Max Uplift 1=-329(LC 7), 5=-329(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2719/578, 2-3=-2272/512, 3-4=-2272/513, 4-5=-2719/579
BOT CHORD 1-8=-524/2310, 6-8=-201/1564, 5-6=-422/2310
WEBS 2-8=-761/357, 3-8=-189/817, 3-6=-189/817, 4-6=-761/358

- NOTES-**
- 1) Wind: ASCE 7-05; 100mph; 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=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 a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at Jt(s) 1 and 5. This connection is for uplift only and does not consider lateral forces.



April 13, 2016

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2016 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, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI Quality Criteria, D58-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



16023 Swingley Ridge Rd
Chesterfield, MO 63017



MiTek USA, Inc.

16023 Swingley Ridge Rd
Chesterfield, MO 63017
314-434-1200

Re: 056912
LANTEC

The truss drawing(s) referenced below have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Mainely Trusses.

Pages or sheets covered by this seal: I26482626 thru I26482626

My license renewal date for the state of Maine is December 31, 2017.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.



April 13, 2016

Garcia, Juan

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek. Any project specific information included is for MiTek's customer's file reference purpose only, and was not taken into account in the preparation of these designs. MiTek has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of the design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.