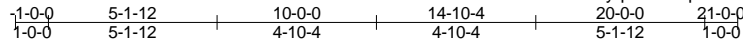


Job 662341	Truss 001	Truss Type SCISSORS	Qty 14	Ply 1	Job Reference (optional)
---------------	--------------	------------------------	-----------	----------	--------------------------

Boise Structural Solutions, Biddeford, ME 04005

7.530 s Jul 14 2014 MiTek Industries, Inc. Tue Sep 09 14:19:49 2014 Page 1
ID:0o4hztUSKWisBKBXNWHIW0yqcV8-OHfpmOceomwzW1QPZAGw_X3TZhhQ6cRZ6?dD85yflSu



Scale = 1:70.2

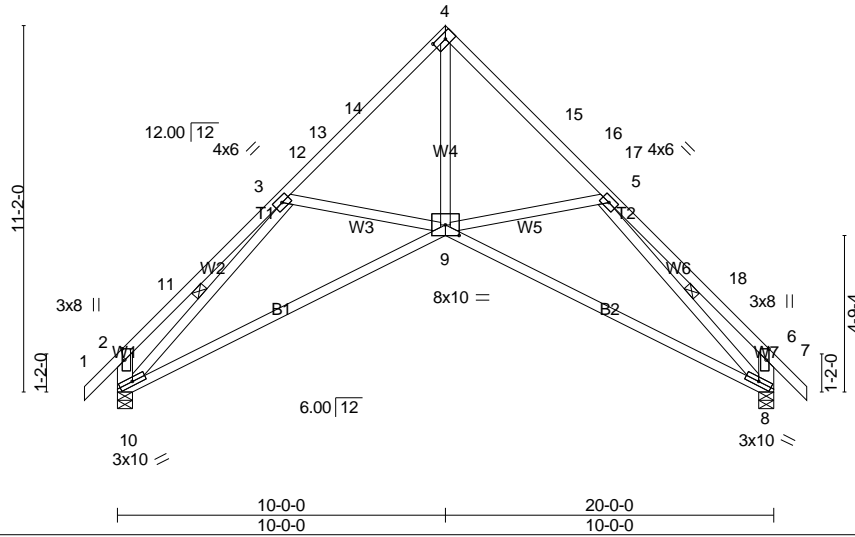


Plate Offsets (X,Y)-- [2:0-4-0,Edge], [4:0-4-8,0-2-0], [6:0-4-0,Edge], [9:0-5-0,0-3-15]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 46.2 (Ground Snow=60.0)	2-0-0 Plates Increase 1.15 Lumber Increase 1.15	TC 0.48 BC 0.82 WB 0.55 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.18 9-10 >999 240 Vert(TL) -0.46 9-10 >509 180 Horz(TL) 0.28 8 n/a n/a	MT20	169/123
TCDL 10.0	Rep Stress Incr YES				
BCLL 0.0 *	Code IBC2009/TPI2007				
BCDL 10.0				Weight: 91 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SPF 1650F 1.5E
BOT CHORD 2x4 SPF-S No.2
WEBS 2x4 SPF-S No.2 *Except*
W1,W7: 2x6 SPF 1650F 1.5E
SLIDER Left 2x8 SP M 23 7-11-12, Right 2x8 SP M 23 7-11-12

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-9-11 oc bracing.
WEBS 1 Row at midpt 3-10, 5-8

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

REACTIONS. (lb/size) 10=1432/0-5-8 (min. 0-2-7), 8=1432/0-5-8 (min. 0-2-7)
Max Horz 10=-596(LC 6)
Max Uplift 10=-519(LC 8), 8=-519(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-685/483, 3-11=-480/508, 3-12=-1742/360, 12-13=-1610/370, 13-14=-1580/373,
4-14=-1556/399, 4-15=-1556/395, 15-16=-1580/370, 16-17=-1610/366, 5-17=-1742/357,
5-18=-480/481, 6-18=-685/456, 2-10=-767/630, 6-8=-767/609
BOT CHORD 9-10=-778/1522, 8-9=-229/1522
WEBS 4-9=-313/1596, 5-9=-319/561, 3-9=-319/528, 3-10=-1570/160, 5-8=-1570/303

- NOTES-** (10)
- 1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 7-0-0, Exterior(2) 7-0-0 to 10-0-0, Interior(1) 13-0-0 to 18-0-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-05; Pg= 60.0 psf (ground snow); Pf=46.2 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * 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.
 - 7) Bearing at joint(s) 10, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=519, 8=519.
 - 9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - 10) Drawing prepared exclusively for manufacturing by Boise Structural Solutions

LOAD CASE(S) Standard