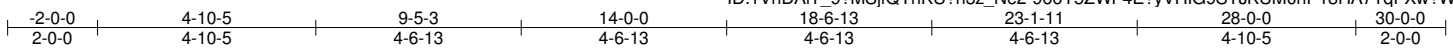


Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
TEMP	LEON1	SCISSORS	6	1	



Scale = 1:51.3

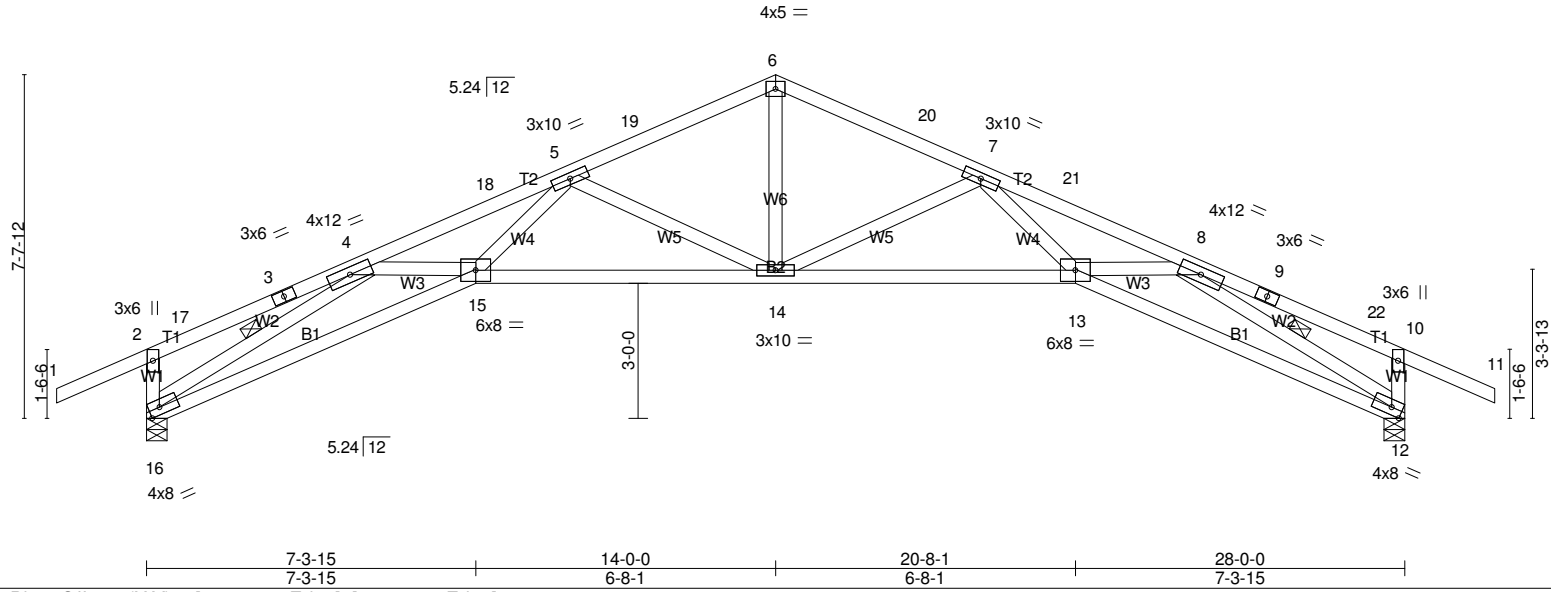


Plate Offsets (X,Y)-- [12:0-2-15,Edge], [16:0-2-15,Edge]					
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL 1.15	TC 0.60	Vert(LL) -0.36 14-15 >919 240	MT20	220/195
(Roof Snow=25.0)	Lumber DOL 1.15	BC 0.54	Vert(CT) -0.63 14-15 >527 180		
TCDL 7.0	Rep Stress Incr YES	WB 0.76	Horz(CT) 0.61 12 n/a n/a		
BCLL 0.0 *	Code IBC2018/TPI2014	Matrix-AS			
BCDL 10.0				Weight: 140 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 DF No.1&Btr	TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD 2x4 DF No.1&Btr	BOT CHORD Rigid ceiling directly applied.
WEBS 2x4 DF Std	WEBS 1 Row at midpt 8-12, 4-16

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

REACTIONS. (lb/size) 16=1301/0-5-8 (min. 0-1-9), 12=1301/0-5-8 (min. 0-1-9)
 Max Horz 16=-73(LC 17)
 Max Uplift 16=-246(LC 12), 12=-246(LC 13)
 Max Grav 16=1328(LC 20), 12=1328(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-426/218, 2-17=-263/61, 4-18=-4688/692, 5-18=-4623/701, 5-19=-2099/328,
 6-19=-2040/342, 6-20=-2040/342, 7-20=-2099/328, 7-21=-4623/532, 8-21=-4688/524,
 10-22=-263/61, 10-12=-426/218
BOT CHORD 15-16=-657/3344, 14-15=-426/3124, 13-14=-257/3124, 12-13=-471/3344
WEBS 6-14=-132/1344, 7-14=-1504/302, 7-13=-139/1711, 8-13=0/1224, 8-12=-3596/524,
 5-14=-1504/351, 5-15=-227/1711, 4-15=0/1224, 4-16=-3596/640

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=135mph (3-second gust) Vasd=107mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 11-0-0, Exterior(2R) 11-0-0 to 17-0-0, Interior(1) 17-0-0 to 27-0-0, Exterior(2E) 27-0-0 to 30-0-0 zone; cantilever left and right exposed ; end vertical 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 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 18.8 psf or 1.00 times flat roof load of 25.0 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) 16, 12 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 246 lb uplift at joint 16 and 246 lb uplift at joint 12.
 - 9) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - 10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
 - 11) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard