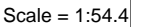


Job Reference (optional)

ID:F6THB?RJ5saX2MN00WZ5_rzKxgp-X2noy8XnKQCpTDGg?YaKQOdbtnnab41YNEaDLwz_phq



LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 30.0	Plate Grip DOL 1.15	TC 0.88	Vert(LL) -0.47 F-H >788 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.76	Vert(TL) -0.87 F-H >427 180	MT18H	244/190
BCLL 0.0 *	Rep Stress Incr NO	WB 0.26	Horz(TL) 0.08 E n/a n/a		
BCDL 10.0	Code IRC2012/TPI2007	Matrix-MSH			
				Weight: 136 lb	FT = 20%

REACTIONS. (lb/size) A=1538/0-4-0, E=1538/0-4-0
Max Horz A=-84(LC 9)
Max Uplift A=-41(LC 8), E=-41(LC 9)

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IIRC2012)=91mph; TCFL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 3) All plates are MT20 plates unless otherwise indicated.
- 4) The solid section of the plate is required to be placed over the splice line at joint(s) G.
- 5) Plate(s) at joint(s) G checked for a plus or minus 5 degree rotation about its center.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) * 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, with BCDL = 10.0psf.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 41 lb uplift at joint A and 41 lb uplift at joint E.
- 9) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

BRACING-	
TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

