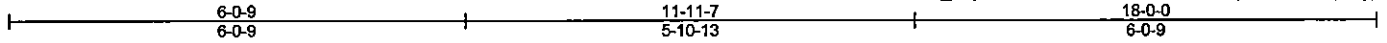


NOTE: NEW CARPORT and Porch will be Flat Roof w/ TPO Roofing.

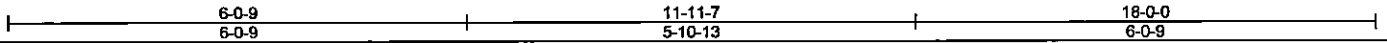
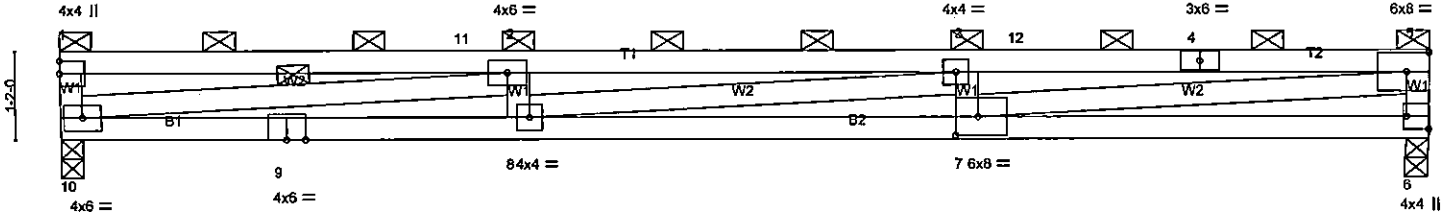
- THE CARPORT will be TRUSS
- THE NEW PORCH will BE 2X8 CJ.
- will dig 16" x 12" footings under entire wall of Porch and Existing carport wall to be closed in and poured with 8" concrete.

Job 23892	Truss FT1	Truss Type FLAT	Qty 11	Ply 1	Danny Fisher/Harris
					Job Reference (optional)

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ID:hsZcOGQUNL2DEBThvsm_Suyn0PF-QKs836NatOeSJHPJ1AI5tqeNZNedHHtpZn_NxlyZ8UO



Scale = 1:29.2



LOADING (psf)		SPACING-		CSI.	DEFL.	in (loc)	V/defl	L/d	PLATES	GRIP	
TCLL	20.0	Plate Grip	DOL 1.15	TC	0.58	Vert(LL)	-0.29	7-8 >743	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.44	Vert(TL)	-0.72	7-8 >294	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(TL)	0.06	6 n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		(Matrix)		Wind(LL)	0.35	7-8 >599	240	Weight: 82 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP 2400F 2.0E
 BOT CHORD 2x4 SP 2400F 2.0E
 WEBS 2x4 SP No.3 *Except*
 W2: 2x4 SP No.2

BRACING-
 TOP CHORD 2-0-0 oc purlins (4-2-5 max.): 1-5, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 7-11-7 oc bracing.
 WEBS 1 Row at midpt 2-10

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

REACTIONS. (lb/size) 10=708/0-3-8 (min. 0-1-8), 6=708/0-3-8 (min. 0-1-8)
 Max Uplift 10=-245(LC 3), 6=-245(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-11=-299/105, 2-11=-299/105, 2-3=-3206/1084, 3-12=-3206/1084, 4-12=-3206/1084,
 4-5=-3206/1084, 5-6=-622/264
 BOT CHORD 9-10=-1084/3206, 8-9=-1084/3206, 7-8=-1084/3206, 6-7=-105/300
 WEBS 3-7=-340/235, 2-10=-2939/990, 5-7=-989/2938

- NOTES-**
- 1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (all heights); Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Provide adequate drainage to prevent water ponding.
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
 - 5) One RT4 USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10 and 6. This connection is for uplift only and does not consider lateral forces.
 - 6) This truss is designed in accordance with the 2009 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard