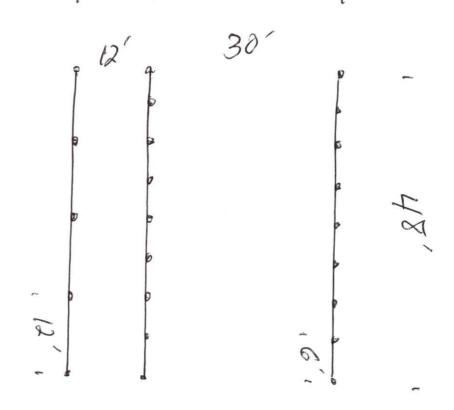
30×48 OPEN BUNNLEVEL RUITAN W 12' WAR TO 40Lal 42 x 48 29 GAGIGE METAL ROOFING + GABLES 2x4 PURLINS PRE-ENGINEERED 2'. O.C. TRUSS 2: O.C 2- 5"x6"LAG- BOLTS AT EACH POST 2-2×10 PLATES 2.5 NOT TO SCALE HUR TIES € 6x6 POST 6'0.C 12"x 36" HOLE 6" CONMIX FOOTING + BACK FILL

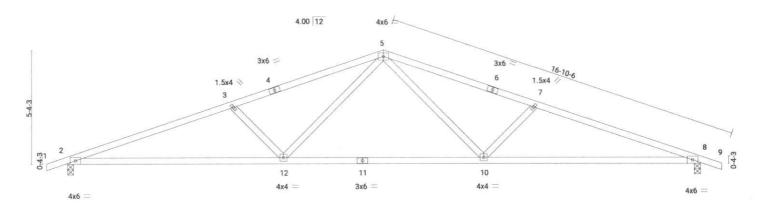
12×48 LEANTO 29 GA METAL ROOFING SIDE SHELTER 2x4 PURLINS, 2'OC. 2X8 RAFTERS 2'0,C. 2.5 HUR-TIE 12-5" LAG BOLTS 2-2X12 PLATES 6x6 POST 12'0.e 12" ×36" HOLE CON MIX FOOTING + BACK FILL



30'x48' OPEN SHELTER WITH 12'x48' SIDE SHELTER

	David Johnson\Ruitan		Ply	Qty	Truss Type	Truss	lob Truss			
1640		- 1		0.00						
		1		25	FINK	TR1	27876			
	Job Reference (optional)				1	1000000				
6 08:31:20 2024 Page	6 2022 MiTek Industries, Inc. Wed Ma	Jan	8.430 s			C&R Truss, Autryville, NC - 28318,				
ITXbGKWrCDoi7J4zJC	3y4CHX-RfC?PsB70Hq3NSgPqnL8w3	SbpQ	ND83ylf	Y23Vison						
31-	30-0-	22-1-8			15-0-0	7-10-8	-1-0-0			
1-4	7-10-		7-1-8		7-1-8	7-10-8	1-0-0			

Scale = 1:51.3



10-3-0 10-3-0				19-9-0 9-6-0			30-0-0 10-3-0				
LOADING TCLL TCDL	20.0 10.0	SPACING- Plate Grip DOL Lumber DOL	2-0-0 1.15 1.15	CSI. TC BC	0.32 0.45	DEFL. Vert(LL) Vert(CT)	in (loc) -0.17 12-15 -0.40 12-15	Vdefl >999 >898	L/d 360 240	PLATES MT20	GRIP 244/190
BCLL BCDL	0.0 * 10.0	Rep Stress Incr Code IRC2018/TF	YES PI2014	WB Matri	0.34 x-AS	Horz(CT) Wind(LL)	0.07 8 0.08 12-15	n/a >999	n/a 240	Weight: 125 lb	FT = 20%

BRACING-

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied.

Rigid ceiling directly applied.

LUMBER-

2x4 SP 2400F 2.0E TOP CHORD **BOT CHORD** 2x4 SP 2400F 2.0E

2x4 SP No.3 WEBS

REACTIONS. (size) 2=0-3-8, 8=0-3-8

Max Horz 2=-51(LC 6)

Max Grav 2=1260(LC 1), 8=1260(LC 1)

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. FORCES.

2-3=-2890/0, 3-5=-2552/0, 5-7=-2552/0, 7-8=-2890/0 2-12=0/2706, 10-12=0/1798, 8-10=0/2706 TOP CHORD BOT CHORD 3-12=-536/90, 5-12=0/826, 5-10=0/826, 7-10=-536/90 WEBS

1) Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=20ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 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) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 6) 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.



Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, at 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 designer must verify the applicability of design parameters and properly incorporate this design into the overall building designer. 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 properly damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI Quality Criteria and DSB-22 available from Truss Plate Institute (www.tpinst.org)



Edenton, NC 27932



Trenco 818 Soundside Rd Edenton, NC 27932

Re: 27876
David Johnson\Ruitan

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by C & R Truss.

Pages or sheets covered by this seal: 164064791 thru 164064791

My license renewal date for the state of North Carolina is December 31, 2024.

North Carolina COA: C-0844



March 6,2024

Gilbert, Eric

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 or TRENCO. Any project specific information included is for MITek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO 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 design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

ROSS + KENASAW

3-17-77 17-14