

Trenco 818 Soundside Rd Edenton, NC 27932

Re: J0522-2609 Weaver / 2 Thomas Place / Harnett

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Comtech, Inc - Fayetteville.

Pages or sheets covered by this seal: I55031712 thru I55031712

My license renewal date for the state of North Carolina is December 31, 2022.

North Carolina COA: C-0844



November 2,2022

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.

Job J0522-2609	Truss F1	Truss Type Floor	6	1	aver / 2 Thomas Place /		155031712
Comtech, Inc., Fayetteville, 0-1-8	NC 28309		ID:lwPO	8.61	b Reference (optional 10 s Jun 23 2022 MiTek I cyzm6C-b01Hh_kMIF) Industries, Inc. Tue Nov 7 QkDLon6yzhYmnJWin	1 11:57:48 2022 Page 1 rZqckcyTeZayNa?n
H⊢ 1-3-0 REPAIR: TRUSS INSTA	I LED BACKWARDS	2-1-12	Q <u>-10-4</u>		<u> 1-11-4</u>	0-9-0	0-1-8 Scale = 1:53.0
							DOUBLE 4X2 SP NO.2 G AS SHOWN.
3x4 $1.5x3 =$ $1 2$ 40 40	3x4 = 1.5x3 3x4 = 1.5x 3 4 5 6			x4	1.5x3	x4 = 1.5x3 3x4 = 8 19 20	$1.5x3 \\ 3x4 = 1.5x3 = \\ 21 22 \\ 41 \\ 41 \\ 41 \\ 41 \\ 41 \\ 41 \\$
39 4x6 =	38 37 36 3x4		33 32 31 3x6 FP = 2 - 0 - 0 4x6 =	30 29 28 3x6 FP =		26 25 24 x3 3x4 =	23
	-	8-0-0	2-	0-0			
	<u>13-3-8</u> 13-3-8		18-0-4 4-8-12	ł	<u>31-5-8</u> 13-5-4		
Plate Offsets (X,Y) LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	Plate Grip DOL 1 Lumber DOL 1	CSI CSI 0-0 CSI .00 TC 0.7 .00 BC 0.6 NO WB 0.6	DEFL. 1 Vert(LL) 5 Vert(CT)	in (loc) l/de -0.18 27-28 >99 -0.23 27-28 >92	efl L/d 99 480	<u>1-6,Edge], [36:0-1-8,E</u> PLATES MT20	GRIP 244/190
BCDL 5.0	Code IRC2015/TPI20		BRACING			Weight: 170 lb	FT = 20%F, 11%E
TOP CHORD 2x4 SF 1-9: 2> BOT CHORD 2x4 SF	[⊃] No.1(flat) *Except* ≪ SP 2400F 2.0E(flat) ⊃ No.1(flat) ⊃ No.3(flat)		TOP CHO BOT CHO	RD Structural w end vertical		ttly applied or 6-0-0 or 6-0-0 oc bracing.	c purlins, except
Max C FORCES. (lb) - Max. TOP CHORD 39-4 5-6= 11-4 15-1 20-2 BOT CHORD 38-3 33-3 28-2 WEBS 2-39 21-2 16-2	e) 39=2001/Mechanical, 23: Grav 39=2148(LC 3), 23=824(Comp./Max. Ten All forces 0=-1585/0, 1-40=-1583/0, 2-3- -1232/854, 6-7=-1232/854, 7-8 2=0/2468, 11-12=0/1058, 12-1 6=-2115/0, 16-17=-2554/0, 17 1=-1462/0 9=0/1744, 27-28=-192/1362, 36 4=-3369/0, 32-33=-2009/0, 31 9=0/1744, 27-28=0/2449, 26-2 =-839/69, 2-38=-133/472, 3-38 3=-1178/0, 21-24=0/800, 20-2 8=-515/0, 12-31=-1351/0, 11-5 =-716/0, 16-27=-8/514, 18-25=	LC 4), 33=2176(LC 1) 250 (lb) or less except when -1051/67, 3-4=-1455/369, 4 3=-531/1399, 8-9=0/2468, 9 3=-1081/137, 13-14=-1081, -18=-2554/0, 18-19=-2323/(3-37=-597/1407, 35-36=-138, -32=-2009/0, 30-31=-408/30, 7=0/2554, 25-26=0/2554, 2 3=-432/174, 5-37=0/309, 5-3 4=-755/0, 20-25=0/432, 15- 31=0/1340, 11-34=0/1226, 8	++++ TO EACH SIDE C (0.131" X 2.5") N/ n shown. 1-5=-1455/369, -10=0/2468, 10-42=0/246 (137, 14-15=-1081/137, 0, 19-20=-2323/0, 09/531, 34-35=-1799/0, 00, 29-30=0/1744, 4:-25=0/2005, 23-24=0/88 36=-457/0, 12-30=0/1092, 30=-926/0, 15-28=0/555, 3-34=-1298/0, 8-35=0/112	IF TRUSS WITH CONS NLS SPACED 2" O.C. F 8, 7	TRUCTION QUALITY	HEATHING 48/24 EXP ADHESIVE AND ONE TO EACH COVERED T	ROW OF
 All plates are 3x6 M N/A Plates checked for a Refer to girder(s) fo This truss is design standard ANSI/TPI Recommend 2x6 st 	rongbacks, on edge, spaced a alls at their outer ends or restra	d. on about its center. 5 International Residential C t 10-0-0 oc and fastened to			eferenced ongbacks	SEAL 03632	• -
LOAD CASE(S) Stan 1) Dead + Floor Live (I Uniform Loads (plf)	idard balanced): Lumber Increase=1 I=-10, 1-22=-100 s (lb)	.00, Plate Increase=1.00			ongbacks	Novembe	
Design valid for use or a truss system. Before building design. Braci	design parameters and READ NOTES C ny with MiTek® connectors. This desig use, the building designer must verify ng indicated is to prevent buckling of in stability and to prevent collapse with po	n is based only upon parameters s the applicability of design parameter dividual truss web and/or chord me	hown, and is for an individual bui ers and properly incorporate this embers only. Additional tempora	lding component, not design into the overall y and permanent bracing			

 Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and 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 design. 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 buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent oullapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

 AMSUTPH1 Quality Criteria, DSB-89 and BCSI Building Component

 Safety Information
 available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

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