

Trenco 818 Soundside Rd Edenton, NC 27932

Re: MF2300043-01 Senters Assisted Living-Roof-Main Bldg PART A

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Carter Components (Sanford, NC)).

Pages or sheets covered by this seal: I61379425 thru I61379426

My license renewal date for the state of North Carolina is December 31, 2023.

North Carolina COA: C-0844



October 13,2023

## 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	Truss Trus				Truss Type			у	Ply	Sente	nters Assisted Living-Roof-Main Bldg P				
MF2300043	00043-01 A77 Half			Half Hi	ip 1 <b>2</b>				Job R	I61379425 Job Reference (optional)					
Carter Componer	Carter Components (Sanford, NC), Sanford, NC - 27332, Run: 8.63 S Aug 30 2023 Print: 8.630 S Aug 30 2023 MiTek Industries, Inc. Thu Oct 12 13:03:27 Page: 1														
ID:hmm3oiKhgyfYoKIAuEo8Xhzb1Sz-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f															
REPAIR: EXTEND RIGHT END 5" 1-5-0 7-6-0 7-6-0 7-3-0 1-4-9 1-5-0 7-6-0 7-6-0 1-4-9															
	INSTALL (2 PLY) 2 X 6 (RIPPED TO 5") SPF/DF/SP NO.2														
ROWS OF (0.131 X 3") NAILS SPACED 9" O.C. 24												Т			
$5^{12}$ $5^{2\times4}$															
Common Street	i c	EAL	N N E		<sup>3x5</sup> = 23							3x5=			
Ξ	03		-0-0-0		$3x5 = 22^{20}$							1-4-0	<b>ρ</b>		
	00	0524			3 21							<b>D</b>	3x5=	0-0-6	
1	A. ENO		RILI	3x8 u 19	20		_								
11	RIC	INE:	at any 2	6%0 # ··e									0 13		
	A.	GI		al —							g		<u>5-2-</u>		
		11100		4x5=	27	12 23 2x4 <b>II</b>	:8		1 10   2 <sup>(8</sup> = <sub>4x6=</sub>	2930	2	31 <sub>17</sub>	D		
				+>J=								4x5= 3x5	)=		
++++	TO EACH I	FACE OF	RS > 3/4" PLYWOOD O TRUSS WITH (0.131"												
+ + +	+ 3 ROWS: S + USE 2" ME		@ 3" O.C. ND DISTANCE. GLUE I	PLYWOOD	LAYERS TOGE	THER PRIOR TO A	ттасни	NG TO T	TRUSS.						
					7-6-0	15-	0-0		2	22-4-12	2	23-7-9 23-4-1			
0 1 1 7					7-6-0	7-6				7-4-12	(	++++ )-11-5			
Scale = 1:77 Plate Offsets ()	X, Y): [2:Edge	e,0-1-8],	[2:0-2-15,0-5-6], [6:0	-5-12,0-2-	-8]							0-3-8			
Loading		(psf)	Spacing	2-0-0		CSI		DEFL		in (l	loc) l/c	lefl L/d	PLATES	GRIP	
TCLL (roof)		20.0	Plate Grip DOL	1.00		тс	0.77	Vert(I	LL) -0	.08 11	-12 >9	99 360	MT20	244/190	
Snow (Pf) TCDL		20.0 20.0	Lumber DOL Rep Stress Incr	1.00 NO		BC WB	0.49 0.64	Vert( Horz(	,	.13 11 .01		199 240 n/a n/a			
BCLL BCDL		0.0* 10.0	Code	IBC2015	5/TPI2014	Matrix-MSH		Wind	. ,	.03 11		99 240		FT = 20%	
		10.0		2)	All loodo oro		, opplio		nlico	12)	Drovido	maahani	Ŭ		
LUMBER TOP CHORD			t* 4-6:2x4 SP No.1	2)	<ol> <li>All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B),</li> </ol>						<ol> <li>Provide mechanical connection (by others) of truss to bearing plate at joint(s) 17.</li> <li>Provide mechanical connection (by others) of truss to</li> </ol>				
BOT CHORD WEBS	2x6 SP No.2 2x4 SP No.3		t* 11-6:2x4 SP No.2											n (by others) of truss to anding 96 lb uplift at joint	
OTHERS	2x4 SP No.3			3)	unless otherwise indicated. ) Unbalanced roof live loads have been considered for					15)	2 and 233 lb uplift at joint 17. 15) This truss is designed in accordance with the 2015				
WEDGE BRACING	Left: 2x4 SP	INO.3		-,	this design.						International Building Code section 2006.1 and referenced standard ANSI/TPI 1.				
TOP CHORD			c purlins, except end		Vasd=99mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. 16) T						6) This truss has been designed for a moving concentrated load of 250.0lb live and 40.0lb dead located at all mid				
BOT CHORD	6-7.		applied or 10-0-0 oc	.,.		closed; MWFRS (e erior (2) -1-5-0 to 8-								d located at all mid the Top Chord and	
	bracing.	,			,	tior (2) 12-3-0 to 23 d vertical left expos		'				,		any other live loads. as not depict the size	
WEBS REACTIONS	1 Row at mic (size) 2=		7-17 7=0-2-9		and forces &	MWFRS for reaction	ions sho			,	or the o	rientation	of the purlin along		
	Max Horiz 2=	350 (LC	2 14)	5)	DOL=1.60 plate grip DOL=1.60 TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber						bottom chord. 18) Hanger(s) or other connection device(s) shall be				
			.C 35), 17=-233 (LC 14 .C 35), 17=1888 (LC		DOL=1.00 Plate DOL=1.00); Pf=20.0 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Ib down and 49 lb up at 22-8-2 on top chord.										
FORCES			pression/Maximum		Partially Exp.; Ct=1.10 design/selection of such of							of such connectior			
TOP CHORD	1-2=0/65, 2-3		/108, 3-5=-1933/51,	6)	design. 19) Attic room checked for L/360 deflection.							ction.			
	5-6=-1965/18 7-13=-294/18	,	-85/11, 8-13=-294/18	92, 7)	) This truss has been designed for greater of min roof live LOAD CASE(S) Standard load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on										
BOT CHORD	2-12=-366/2 9-11=-35/24		12=-366/2756, 33/246	8)	overhangs non-concurrent with other live loads. Provide adequate drainage to prevent water ponding.										
WEBS	6-9=-185/349	9, 6-8=-	1654/222, 3-12=0/383		This truss ha	s been designed fo	or a 10.	0 psf bo	ottom						
			1=-1257/180, 7=-1890/262	10		ad nonconcurrent w as been designed									
NOTES	to be come - 1	od to act	har as follows:			n chord in all areas									
	2-ply truss to be connected together as follows: 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.														

Continued on page 2

- 1) 2-ply truss to be connected together as follows: Top chords connected with 16d (0.162"x 3.5") nails as follows: 2x4 - 1 row at 0-9-0 oc clinched. Bottom chords connected with 10d (0.131"x3") nails as follows: 2x6 - 2 rows staggered at 0-9-0 oc. Web chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0-9-0 oc.
  - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTER REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MiTeR% 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 collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSUTPH Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) with the Section of the prevent collapse contervent for the Sectional temporation (www.tpinst.org)

of 565 psi.

and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcacomponents.com)

chord and any other members, with BCDL = 10.0psf. 11) Bearings are assumed to be: Joint 2 SP No.2 crushing

capacity of 565 psi, Joint 17 SP No.3 crushing capacity

12) Bearing at joint(s) 17 considers parallel to grain value

using ANSI/TPI 1 angle to grain formula. Building

designer should verify capacity of bearing surface.



October 13,2023

818 Soundside Road Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Senters Assisted Living-Roof-Main Bldg PART A
MF2300043-01	A77	Half Hip	1	2	I61379425 Job Reference (optional)

Carter Components (Sanford, NC), Sanford, NC - 27332,

Run: 8.63 S Aug 30 2023 Print: 8.630 S Aug 30 2023 MiTek Industries, Inc. Thu Oct 12 13:03:27 ID:hmm3oiKhgyfYoKIAuEo8Xhzb1Sz-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 2

 Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb/ft) Vert: 1-6=-80, 6-7=-80, 8-14=-20 Concentrated Loads (lb)

Vert: 25=-225

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. 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 outlapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP11 Quality Criteria and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcacomponents.com)



Job	Truss	Truss Type	Qty	Ply	Senters Assisted Living-Roof-Main Bldg PART A
MF2300043-01	A79	Half Hip	1	2	I61379426 Job Reference (optional)

Carter Components (Sanford, NC), Sanford, NC - 27332,

Run: 8.63 S Aug 30 2023 Print: 8.630 S Aug 30 2023 MiTek Industries, Inc. Thu Oct 12 13:03:30 ID:5LRBQkMZyt16fo1IZMLr9Jzb1Sw-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

23-7-12 23-7-9 1-4-9

0-0-3 2x4 II

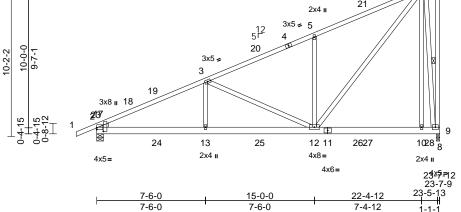
0-1-12

0-0

Page: 1

7-6-0 15-0-0 22-3-0 1-5-0 7-6-0 7-6-0 7-3-0 REFER TO MITEK REPAIR DRAWING I61379425 21 2x4 II 3x5 ≠ 5 5<sup>12</sup> 4

-1-5-0



Scale = 1:79.4

## Plate Offsets (X, Y): [2:Edge,0-1-8], [2:0-2-15,0-5-6], [6:0-5-12,0-2-8]

(psf) 20.0 20.0 20.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.00 NO IBC201	5/TPI2014	CSI TC BC WB Matrix-MSH	1.00 0.49 0.69	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	-0.07 -0.12 0.02	12-13 12-13 9	l/defl >999 >999 n/a >999	L/d 360 240 n/a 240	PLATES MT20 Weight: 362 lb	<b>GRIP</b> 244/190 <b>P</b> FT = 20%
Left: 2x4 SP No.3 Sheathed, except e purlins (6-0-0 max.): Rigid ceiling directly bracing. 1 Row at midpt (size) 2=0-5-8, 9 Max Horiz 2=350 (LC Max Uplift 2=-94 (LC Max Grav 2=1794 (L	nd verticals, and 2-0- 6-7. applied or 10-0-0 oc 7-9 9=0-2-9 C 14) C 14), 9=-189 (LC 14) LC 35), 9=1722 (LC 3	4) 0 oc 5) 6)	this design. Wind: ASCE Vasd=99mpf II; Exp B; En and C-C Extr vertical left e MWFRS for grip DOL=1.0 TCLL: ASCE DOL=1.00 Pl Lumber DOL Partially Exp Unbalanced design. This truss ha load of 12.0	7-10; Vult=125m, n; TCDL=6.0ps; E closed; MWFRS ( erior (2) zone; car xposed;C-C for m reactions shown; 50 : 7-10; Pr=20.0 ps late DOL=1.00); F .=1.15 Plate DOL= .; Ct=1.10 snow loads have as been designed psf or 2.00 times f	bh (3-sec 3CDL=6.0 envelope tillever le embers a Lumber [ f (roof liv tf=20.0 p =1.15); C been cor for greate lat roof lo	cond gust) Opsf; h=25ft; ( e) exterior zor ff exposed ; e and forces & DOL=1.60 pla re load: Lumb sf (flat roof sr category II; Ex ansidered for th er of min roof pad of 20.0 ps	Cat. ne end tte er cow: cp B; his live	load pan Bott 16) Gra or th bott 17) Attic LOAD ( 1) De Inc Ur	d of 250 iels and tom Cho phical p he orien com cho c room c <b>CASE(S</b> ead + Sr crease= hiform Lo	Olb live at all p rd, nor urlin re tation o d. hecke ) Sta how (ba 1.15 bads (li	e and 40.01b dea vanel points alor nconcurrent with spresentation dc of the purlin alor d for L/360 defle ndard alanced): Lumbe b/ft)	ad located at all mid ng the Top Chord and n any other live loads. bes not depict the size ng the top and/or ection. er Increase=1.15, Plate
5-6=-1933/213, 6-7= 2-13=-429/2738, 12-	9)	Provide adec This truss ha chord live loa	water ponding ) psf bottom other live loa									
<ul> <li>WEBS 6-10=-27/411, 6-9=-1780/251, 5-12=-1075/273, 3-13=0/384, 3-12=-1267/213, 6-12=-336/2256</li> <li>NOTES</li> <li>1) 2-ply truss to be connected together as follows: Top chords connected with 16d (0.162"x 3.5") nails as follows: 2x4 - 1 row at 0-9-0 oc clinched. Bottom chords connected with 10d (0.131"x3") nails as follows: 2x6 - 2 rows staggered at 0-9-0 oc. Web chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0-9-0 oc.</li> </ul>				<ul> <li>on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.</li> <li>11) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.</li> <li>12) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9.</li> <li>13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 189 lb uplift at joint 9 and 94 lb uplift at joint 2.</li> <li>14) This truss is designed in accordance with the 2015</li> </ul>							SEA 0363	• -
	20.0 20.0	20.0         Plate Grip DOL           20.0         Lumber DOL           20.0         Rep Stress Incr           0.0*         Code           10.0         Code           2x6 SP No.2         Code           2x4 SP No.3 *Except* 12-6:2x4 SP No.2         Left: 2x4 SP No.3           Sheathed, except end verticals, and 2-0-purlins (6-0-0 max.): 6-7.         Rigid ceiling directly applied or 10-0-0 oc bracing.           1 Row at midpt         7-9           size)         2=0-5-8, 9=0-2-9           Max Horiz         2=350 (LC 14)           Max Grav         2=1794 (LC 35), 9=1722 (LC 3)           (lb) - Maximum Compression/Maximum Tension         1-2=0/65, 2-3=-3103/155, 3-5=-1905/75, 5-6=-1933/213, 6-7=-4/0, 7-9=-257/155           2-13=-429/2738, 12-13=-429/2738, 10-12=-34/231, 9-10=-32/231, 8-9=0/0         6-10=-27/411, 6-9=-1780/251, 5-12=-1075/273, 3-13=0/384, 3-12=-1267/213, 6-12=-336/2256           to be connected together as follows:         connected with 16d (0.162"x 3.5") nails as           -1 row at 0-9-0 oc clinched.         rds connected with 16d (0.131"x3") nails as           -2 rows staggered at 0-9-0 oc.         -9-0 oc.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20.0 20.0 20.0Plate Grip DOL Lumber DOL Loo Rep Stress Incr NO Code1.00 $20.0$ $20.0$ $20.0$ $0.0^*$ Rep Stress Incr CodeNO IBC2015/TPI2014 $20.0$ $0.0^*$ CodeIBC2015/TPI2014 $20.0$ $0.0^*$ CodeIBC2015/TPI2014 $20.0$ $0.0^*$ CodeIBC2015/TPI2014 $2x4$ SP No.2 $2x4$ SP No.3 *Except* 12-6:2x4 SP No.2 Left: 2x4 SP No.34)Wind: ASCE Vasd=99mpl II; Exp B; En and C-C Ext vertical left e MWFRS for grip DOL=1.0Sheathed, except end verticals, and 2-0-0 oc purlins (6-0-0 max): 6-7. Rigid ceiling directly applied or 10-0-0 oc bracing. 1 Row at midpt7-9 Size) $2=0-5-8, 9=0-2-9$ Max Horiz 2=350 (LC 14) Max Grav 2=1794 (LC 35), 9=1722 (LC 35) $1-2=-0/65, 2\cdot3=-3103/155, 3-5=-1905/75,$ $5-6=-1933/213, 6-7=-4/0, 7-9=-257/155$ $2-13=-429/2738, 12-13=-429/2738, 12-13=-429/2738, 12-12=-336/225610-12=-34/231, 9-10=-32/231, 8-9=0/06-10=-27/411, 6-9=-1780/251,5-12=-1075/273, 3\cdot13=0/384,3-12=-1267/213, 6-12=-336/225610) * This truss hachord live loacapacity of 510) * This truss hachord live loacapacity of 510 Provide mecbearing plate10 All bearings a10 All bearings a11 All bearings a11 All bearings a11 Provide mecbearing plate12 Provide mecbearing plate13 Provid$	20.0Plate Grip DOL1.00TC20.0Lumber DOL1.00BC20.0Rep Stress IncrNOMatrix-MSH10.0CodeIBC2015/TPI2014Matrix-MSH10.010.0Stress IncrNOMatrix-MSH2x4 SP No.2CodeIBC2015/TPI2014Matrix-MSH2x4 SP No.3 *Except* 12-6:2x4 SP No.2Stress IncrNOMatrix-MSH2x4 SP No.3 *Except* 12-6:2x4 SP No.2Stress IncrWild: ASCE 7-10; Vult=125mg2x4 SP No.3 *Except* 12-6:2x4 SP No.2Stress IncrWild: ASCE 7-10; Vult=125mg2x4 SP No.3 *Except* 12-6:2x4 SP No.2Stress IncrWild: ASCE 7-10; Vult=125mg2x4 SP No.3 *Except* 12-6:2x4 SP No.2Stress IncrWild: ASCE 7-10; Vult=125mg2x4 SP No.3 *Except* 12-6:2x4 SP No.2Stress IncrWild: ASCE 7-10; Vult=125mg2x4 SP No.3 *Except* 2-65-8, 9=0-2-9Wax Horiz 2-350 (LC 14)Wild: ASCE 7-10; Pr=20.0 psMax Horiz 2-350 (LC 14)Stress IncrStress IncrMax Grav 2=1794 (LC 35), 9=1722 (LC 35)This truss has been designed1-2=0465, 2-3=-3103/155, 3-5=-1905/75Stress Incr2-13=-429/2738, 12-13=-429/2738, 12-13=-429/2738, 12-13=-429/2738, 12-13=-429/2738, 12-13=-429/2738, 12-13=-429/2738, 12-13=-429/2738, 12-13=-429/2738, 12-13=-429/2738, 12-13=-429/2738, 12-13=-429/2738, 12-13=-1267/213, 6-12=-336/2256to be connected with 10d (0.131*x3") nails asStress Incr1-1 row at 0-9-0 oc clinched.Norvide mechanical connection1-1 row at 0-9-0 oc clinched.Stress Incr1-1 row at 0-9-0 ocStress Incr <tr< td=""><td>20.0Plate Grip DOL1.00TC1.0020.0Lumber DOL1.00BC0.4920.0Rep Stress IncrNOWB0.690.0*0.0*IBC2015/TPI2014Matrix-MSH2x4 SP No.22x4 SP No.3 *Except* 12-6:2x4 SP No.23)Unbalanced roof live loads have been of this design.2x4 SP No.3 *Except* 12-6:2x4 SP No.24)Wind: ASCE 7-10; Vult=125mph (3-sec Vasd=99mph; TCDL=6.0psf; BCDL=6.1Left: 2x4 SP No.3Sheathed, except end verticals, and 2-0-0 cc purlins (6-0-0 max): 6-7.4)Rigid ceiling directly applied or 10-0-0 oc bracing.7-9Size)1 Row at midpt7-9Size)2-0-5-8, 9=0-2-9Max Horiz 2=350 (LC 14)Max Grav 2=1794 (LC 35), 9=1722 (LC 35)50(lb) - Maximum Compression/Maximum Tension-2=0/65, 2-3=-3103/155, 3-5=-1905/75, 5-6=1933/213, 6-7=-4/0, 7-9=-257/1557)1-2=0/65, 2-3=-3103/155, 3-5=-1905/75, 5-6=1933/213, 6-7=-4/0, 7-9=-257/1558)1-2=-0/75/273, 3-13=0/384, 3-12=-32/231, 9-10=-32/231, 8-9=0/06-10=-27/411, 6-12=-336/225610 All bearing sare assumed to be SP No.2-00-00 vide will fit betw1-1 cow at 0-9-0 oc.100 (0.131*x3") nails as -1 rows staggered at 0-9-0 oc.1-1 row at 0-9-0 oc.100 (0.131*x3") nails as -1 rows ta 0-9-0 oc.1-1 row at 0-9-0 oc.100 (0.131*x3") nails as -1 rows ta 0-9-0 oc.1-1 row at 0-9-0 oc.111-1 row at 0-9-0 oc.14</td><td>20.0 20.0&lt;</td><td>20.0 20.0 20.0 20.0 20.0 10.0Plate Grip DOL Lumber DOL 1.001.00TC1.00 BCVert(LL) -0.07 Vert(CT)-0.07 Vert(CT)20.0 20.0 0.0* 10.0Rep Stress Incr NO CodeNOBC0.49 WB0.69Vert(LL) +0.700.022x4 SP No.2 2x4 SP No.3</td><td><math display="block">\begin{array}{c c c c c c c c c c c c c c c c c c c </math></td><td>20.0 20.0 20.0 20.0 10.0Plate Grip DOL Lumber DOL 1.001.00TC 1.001.00Vert(LL) 9.07 12-13 999 902 1020.07 12-13 12-13 999 9021.00Vert(LL) 9.07 12-13 12-13 12-13 999 9021.00Vert(LL) 9.07 12-13 12-13 12-13 12-13 12-13 12-13 12-13 12-13 12-13 12-13 10.01.00TC 1.00 10.01.00 12-13 12-13 12-13 12-13 12-13 12-13 12-13 12-13 12-13 12-13 12-13 12-13 10-021.00 12-13 10-02Vert(LL) 1.00 12-13 12-13 12-13 12-13 12-13 12-13 12-13 12-13 10-021.00 12-13 10-12 12-13 12-13 12-13 12-13 12-13 12-13 10-121.00 12-13 10-12 12-13 12-13 12-13 12-13 12-13 12-13 12-13 10-121.00 12-13<b< td=""><td>20.0 20.0 Lumber DOL 1.001.00 Lumber DOL 1.00TC BC 0.441.00 Wer(LL)-0.07 12-1312-13&gt;999 24020.0 20.0 20.0Rep Stress Incr CodeNO CodeBC2015/TPI2014Matrix-MSHWind(LL)0.0212-13&gt;999 2402x4 SP No.2 2x4 SP No.33)Unbalanced roof live loads have been considered for this design.3)Unbalanced roof live loads have been considered for this design.15)This truss has been load of 250.0b liv panels and at all panels and at all to etco 2-38, 90-2-94X SP No.3F.7. 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lered equally applie except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. 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 collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria and DSB-22 available from Truss Plate Institute (www.tpinst.org) and PCB Building Component Science Michael Component Advancing Component Advancing Component Advancing and PCB and Component Advancing Component Compone and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcacomponents.com)

referenced standard ANSI/TPI 1.



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October 13,2023

A. GIL

818 Soundside Road Edenton, NC 27932

