Mark Morris, P.E.

#126, 1317-M, Summerville, SC 29483 843 209-5784, Fax (866)-213-4614

The truss drawing(s) listed below have been prepared by **Atlantic Building Components** under my direct supervision based on the parameters provided by the truss designers.

AST #: 40778 JOB: 23-5656-R01 JOB NAME: LOT 44 PROVIDENCE CREEK Wind Code: 37 Wind Speed: Vult= 115mph Exposure Category: B Mean Roof Height (feet): 23 These truss designs comply with IRC 2015 as well as IRC 2018. *28 Truss Design(s)*

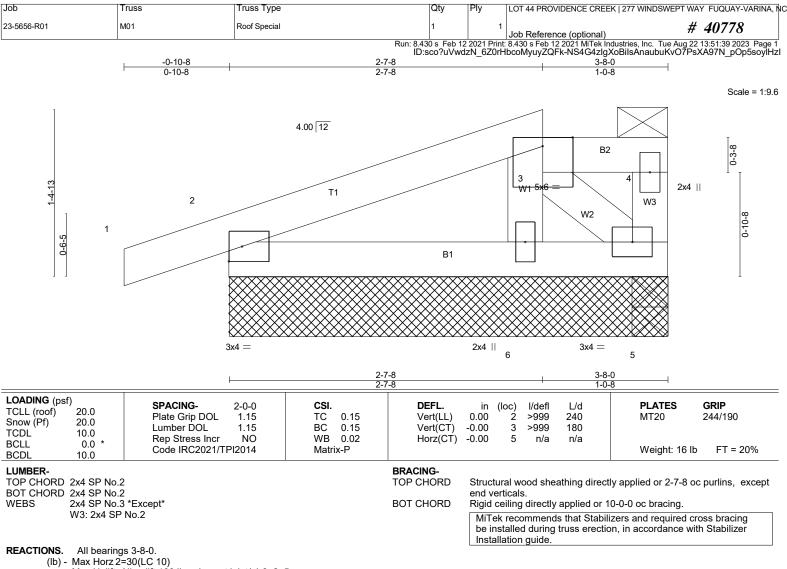
Trusses:

M01, M02, M03, M04, R01, R02, R03, R04, R05, R06, R07, R08, R09, R10, R11, R12, R13, R14, R15, SP01, SP02, V01, V02, V03, V04, V05, V06, V07



Warning !--- Verify design parameters and read notes before use.

This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for*



Max Uplift All uplift 100 lb or less at joint(s) 6, 2, 5

Max Grav All reactions 250 lb or less at joint(s) 2 except 6=1093(LC 21), 5=540(LC 21), 5=535(LC 1)

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown. TOP CHORD 3-6=-257/158

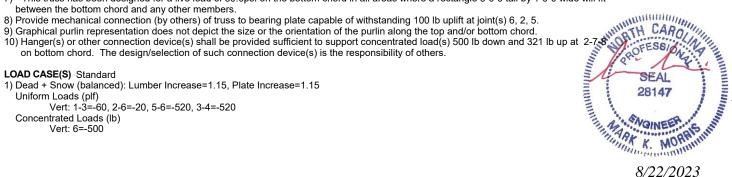
NOTES- (11)

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- 4) Unbalanced snow loads have been considered for this design.

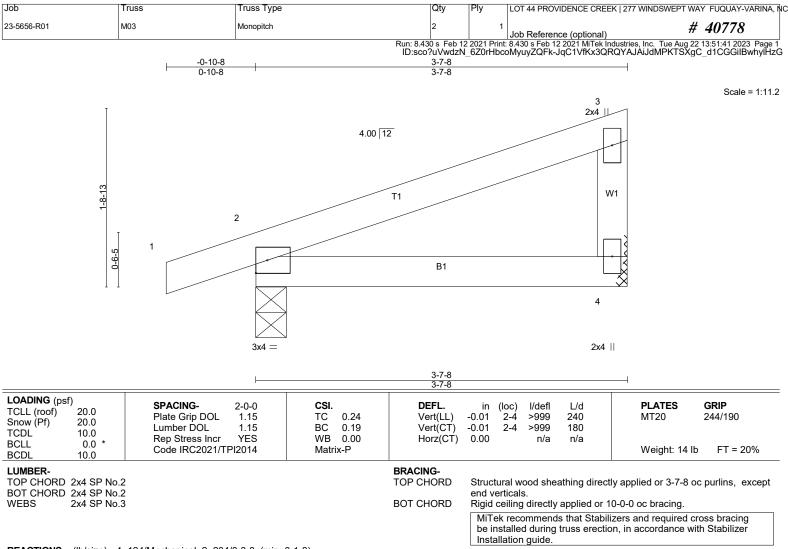
5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.

6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

* This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.



Job	Truss	Truss Type	Qty	Ply LOT 44 PROVIDENCE CF	REEK 277 WINDSWEPT WAY FUQUAY-VARINA, N
23-5656-R01	M02	Roof Special	7	1 Job Reference (option	al) # 40778
	1			2 2021 Print: 8.430 s Feb 12 2021 MiTe /dzN_6Z0rHbcoMyuyZQFk-reeeIJ	k Industries, Inc. Tue Aug 22 13:51:40 2023 Page 1 JJI6JZw0lz8c67t6wGJGqQuZC712ZeOFyIHzH
	-0-10-8 0-10-8	2-7 2-7			3-8-0 -0-8
					Scale = 1:9.6
]					
		4.00 12			
					B2
e				3	
1-4-13	2	T1		└ <u>₩1 5x6 =</u>	W3
				W2	0-10-8
0-6-5					¢
0			B1		
]]		\sim		6	I 5
		$\left(\right)$		3x6	3x4 =
	:	3x4 =			
		2-7	'- 8		3-8-0
LOADING (psf)		2-7			-0-8
TCLL (roof) 20.0	SPACING- Plate Grip DOL	2-0-0 CSI. 1.15 TC 0.27	DEFL. Vert(LL)	in (loc) l/defl L/d -0.00 6 >999 240	PLATES GRIP MT20 244/190
Snow (Pf) 20.0 CDL 10.0	Lumber DOL Rep Stress Incr	1.15 BC 0.27 NO WB 0.11	Vert(CT) Horz(CT)	-0.01 2-6 >999 180 0.00 5 n/a n/a	
BCLL 0.0 * BCDL 10.0	Code IRC2021/T		()		Weight: 16 lb FT = 20%
L UMBER- TOP CHORD 2x4 SP No	2		BRACING- TOP CHORD	Structural wood sheathing din	ectly applied or 2-7-8 oc purlins, except
BOT CHORD 2x4 SP No			BOT CHORD	end verticals. Rigid ceiling directly applied o	
W3: 2x4 S			Bor onorte	MiTek recommends that Sta	bilizers and required cross bracing
	0.055/0.0.0.(;	5 440/04 1 1		Installation guide.	ction, in accordance with Stabilizer
Max Horz	2=355/0-3-8 (min. 0-1-8), 2=30(LC 10)				
	2=-54(LC 10), 5=-28(LC 1 2=418(LC 21), 5=458(LC				
		250 (lb) or less except when shown.			
BOT CHORD 2-6=-117					
WEBS 3-5=-566	5/148				
NOTES- (12) I) Unbalanced roof live lo	oads have been considere	d for this design.			
		Vasd=91mph; TCDL=5.0psf; BCDL= zone;C-C for members and forces &			
plate grip DOL=1.60 3) TCLL: ASCE 7-16: Pr=	20.0 psf (roof LL: Lum DC	L=1.15 Plate DOL=1.15); Pf=20.0 ps	sf (Lum DOL=1.15	Plate DOL=1.15): ls=1.0: Roud	ıh
Cat B; Partially Exp.; C	ce=1.0; Cs=1.00; Ct=1.10 Is have been considered f				,
	esigned for greater of min i	oof live load of 12.0 psf or 2.00 times	s flat roof load of 2		
6) This truss has been de	esigned for a 10.0 psf botto	m chord live load nonconcurrent with 30.0psf on the bottom chord in all are		ads. ado 2.6.0 toll by 1.0.0 wido will	fit UNITH CARO
between the bottom ch	ord and any other membe		as where a rectar	Igle 5-0-0 tail by 1-0-0 wide will	WINNERTH CARO
) Provide mechanical co		ss to bearing plate capable of withsta		t at joint(s) 2, 5.	ROFESGION OF HE
11) Hanger(s) or other co	nnection device(s) shall b	the size or the orientation of the purli e provided sufficient to support conce	entrated load(s) 50	nd/or bottom chord. \tilde{z}_{j}	8 SEAL
	0	connection device(s) is the responsil	onity of others.	1111W	SEAL 28147 8/22/2023
	d ed): Lumber Increase=1.15	, Plate Increase=1.15		1111.	Nowest 1
Uniform Loads (plf)	, 2-5=-20, 3-4=-20				TAK & MORR SHINN
Concentrated Loads (II Vert: 6=-500					With We Manual Man
					8/22/2023
Warning !—Verify design	parameters and read notes	before use. This design is based only upon	parameters shown, a	and is for an individual building comp	onent to be installed and loaded



REACTIONS. (Ib/size) 4=124/Mechanical, 2=204/0-3-8 (min. 0-1-8) Max Horz 2=41(LC 10) Max Uplift4=-19(LC 14), 2=-38(LC 10) Max Grav 4=163(LC 21), 2=277(LC 21)

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

NOTES- (

- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10

3) Unbalanced snow loads have been considered for this design.

4) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs

non-concurrent with other live loads. 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit

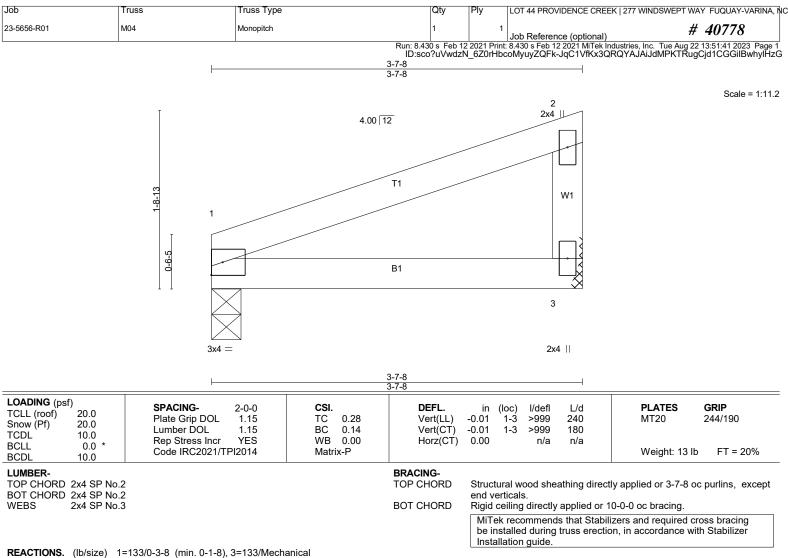
between the bottom chord and any other members.

7) Refer to girder(s) for truss to truss connections.

8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2.

LOAD CASE(S) Standard





Max Horz 1=39(LC 10) Max Uplift1=-5(LC 10), 3=-21(LC 10) Max Grav 1=171(LC 20), 3=171(LC 20)

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

NOTES- (

- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10

3) Unbalanced snow loads have been considered for this design.

4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

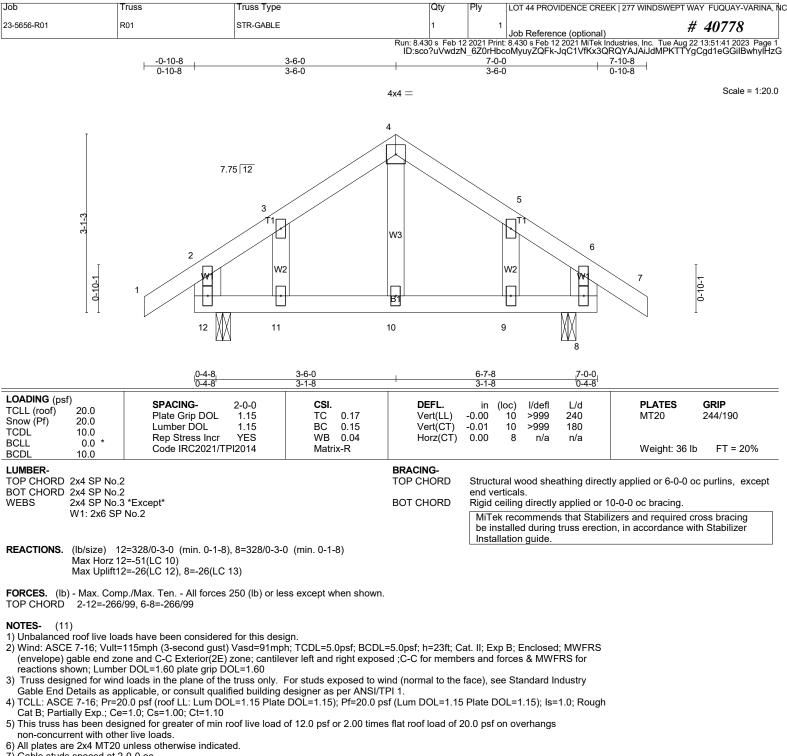
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.

6) Refer to girder(s) for truss to truss connections.

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.

LOAD CASE(S) Standard





Gable studs spaced at 2-0-0 oc.

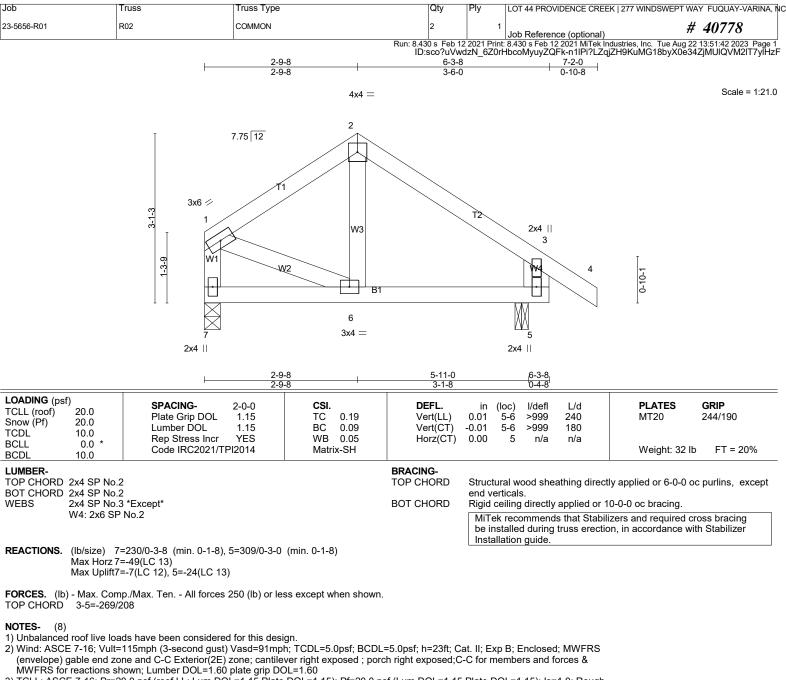
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

* This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.

10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12, 8.

LOAD CASE(S) Standard





3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10

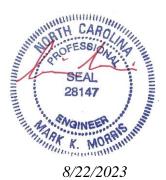
4) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.

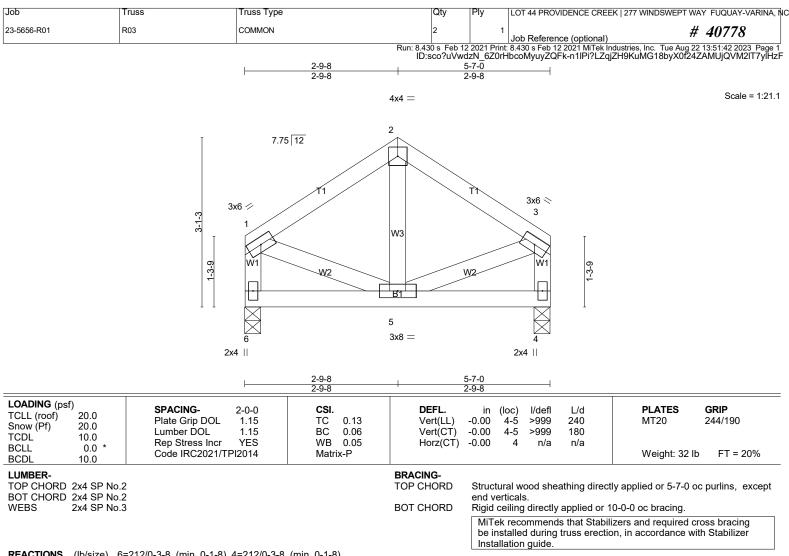
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 5.

LOAD CASE(S) Standard





REACTIONS. (lb/size) 6=212/0-3-8 (min. 0-1-8), 4=212/0-3-8 (min. 0-1-8) Max Horz 6=31(LC 9) Max Uplift6=-6(LC 12), 4=-6(LC 13)

NOTES- (7)

2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10

4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.

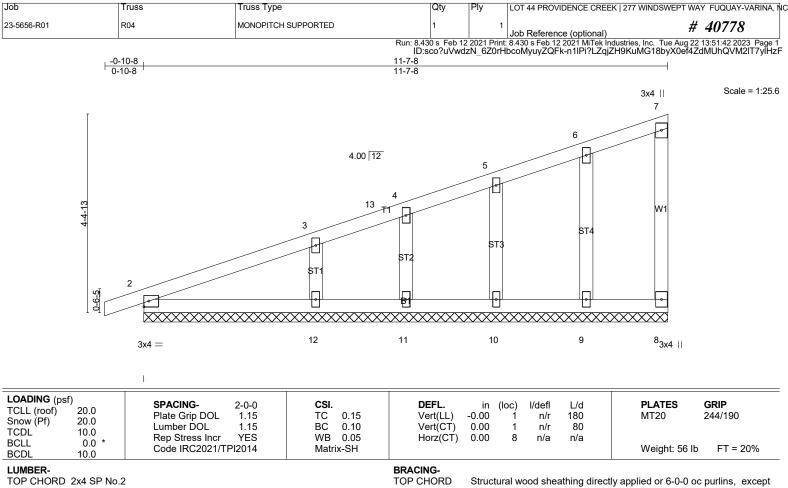
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 4.

LOAD CASE(S) Standard



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

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



BOT CHORD

BOT CHORD 2x4 SP No.2 WFBS 2x4 SP No.3 2x4 SP No.3 OTHERS

end verticals

K. MORR in the second 8/22/2023

Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. All bearings 11-7-8.

(lb) - Max Horz 2=116(LC 10)

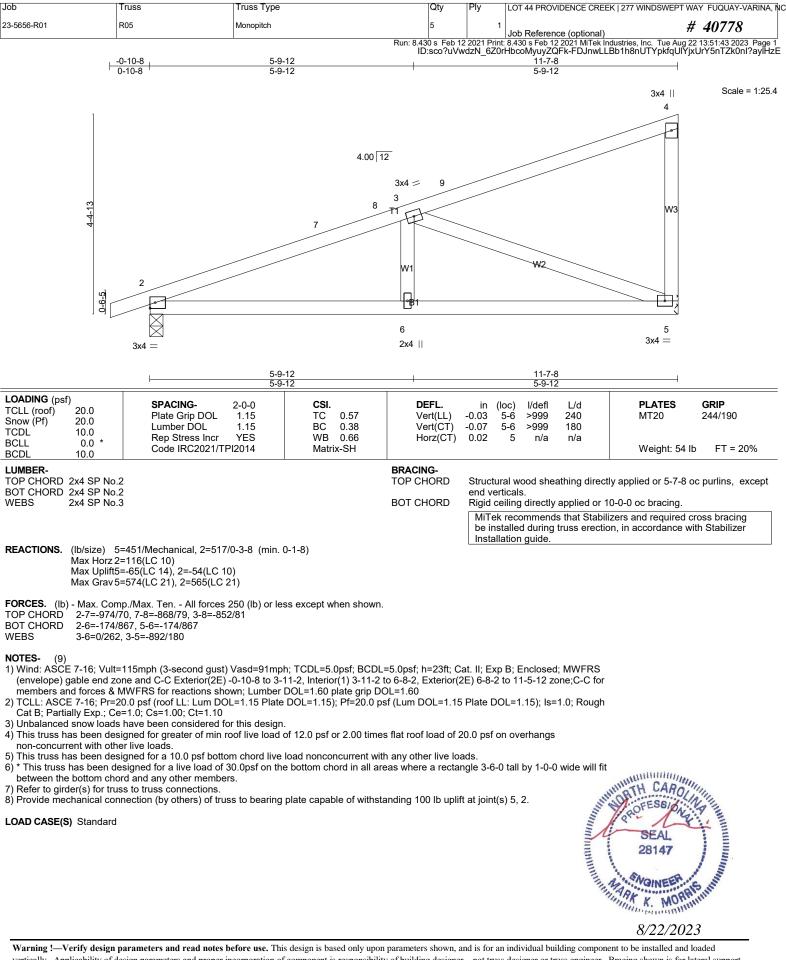
Max Uplift All uplift 100 lb or less at joint(s) 8, 2, 11, 12, 10, 9

Max Grav All reactions 250 lb or less at joint(s) 8, 2, 11, 10, 9 except 12=299(LC 1)

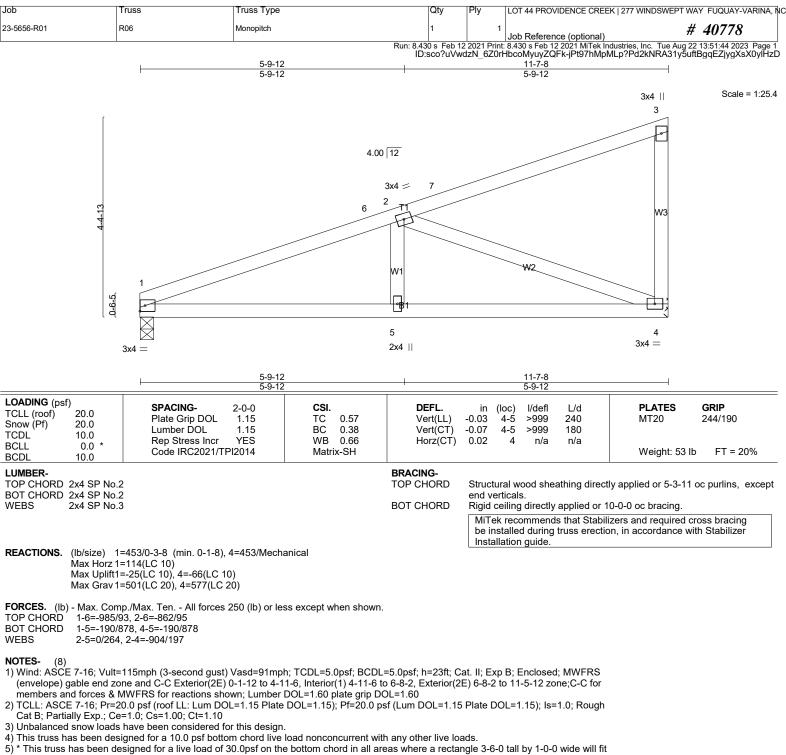
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) -0-10-8 to 3-9-12, Exterior(2N) 3-9-12 to 6-8-2, Corner(3E) 6-8-2 to 11-5-12 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1
- Gable Eng Dec... 3) TCLL: ASCE 7-16; Pr=20.0 psr (non--Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10 4) Unbalanced snow loads have been considered for this design. 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat room one-concourrent with other live loads. 6) All plates are 2x4 MT20 unless otherwise indicated. 7) Gable requires continuous bottom chord bearing. 8) Gable studs spaced at 2-0-0 oc. 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 10) * This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 2, 11, 12, 10, 9 12) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2. ****



vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



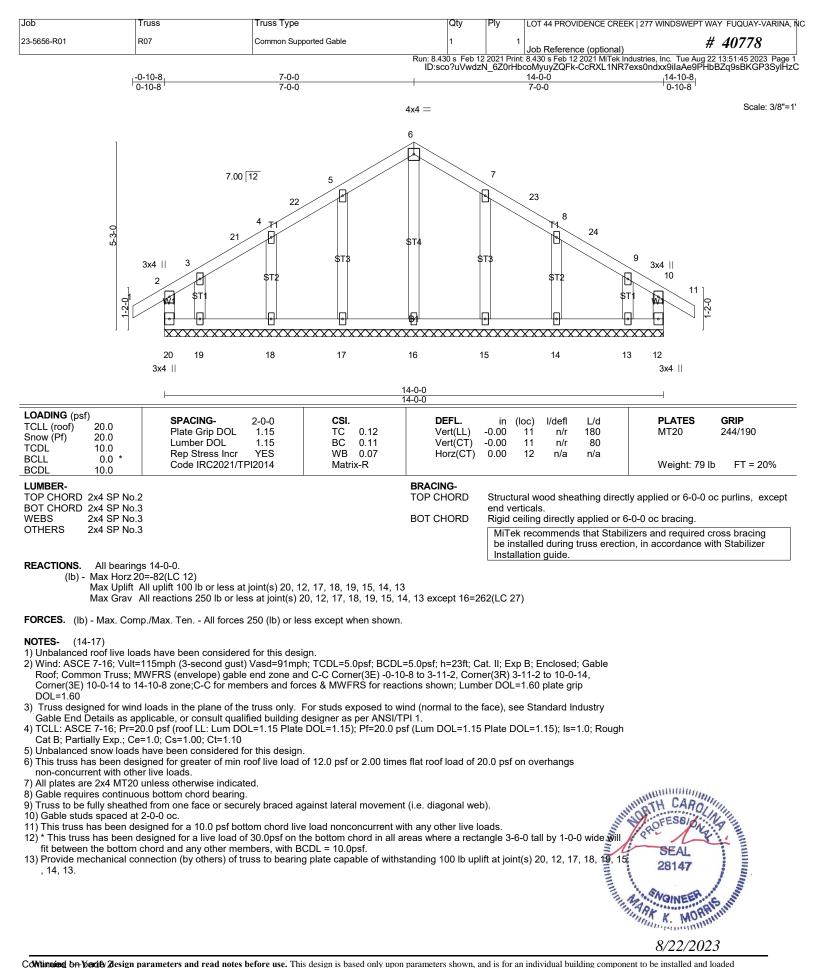
between the bottom chord and any other members.

6) Refer to girder(s) for truss to truss connections.

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 4.

LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	LOT 44 PROVIDENCE CREEK 277 WINI	DSWEPT WAY FUQUAY-VARINA, NC
23-5656-R01	R07	Common Supported Gable	1	1	Job Reference (optional)	# 40778
		Ru	un: 8.430 s Feb 12	2021 Print	: 8.430 s Feb 12 2021 MiTek Industries, Inc.	Tue Aug 22 13:51:46 2023 Page 2

ID:sco?uVwdzN_6Z0rHbcoMyuyZQFk-go?wYNO3uy3iexC7VsDX6NAK9hwQIHP?Q_0ycvyIHzB

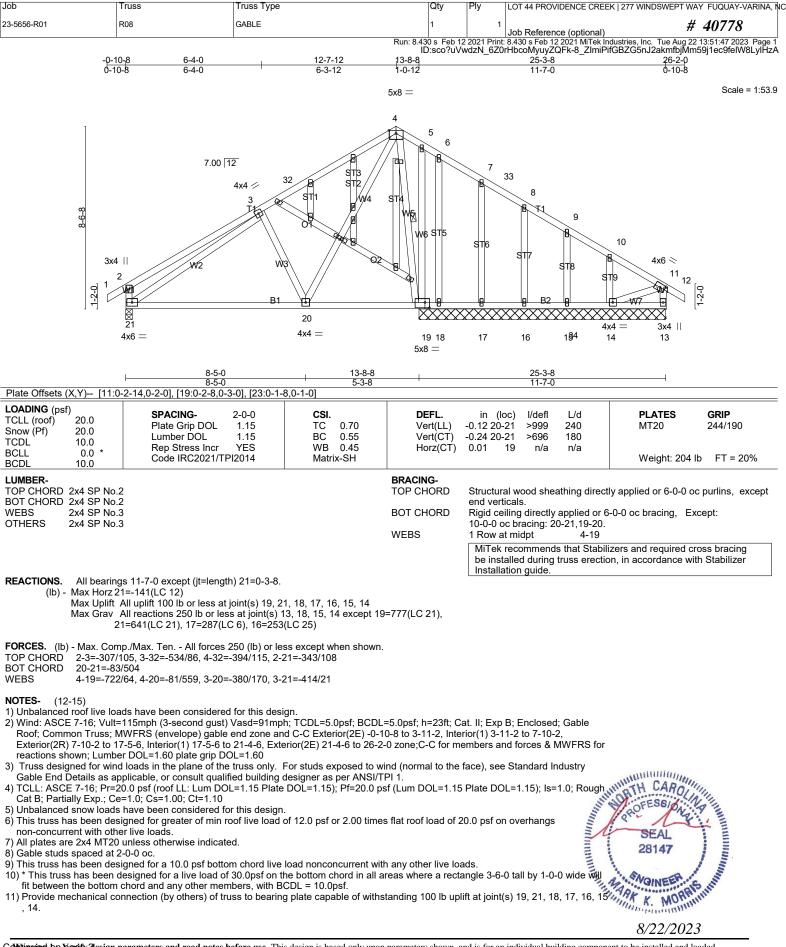
14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 15) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

16) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate

Connected Wood Trustees for additional bracing guidelines, including diagonal bracing. 17) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	LOT 44 PROVIDENCE CREEK 277 WIND	SWEPT WAY FUQUAY-VARINA, NC
23-5656-R01	R08	GABLE	1	1	Job Reference (optional)	# 40778
		Run	: 8.430 s Feb 12	2 2021 Print	: 8.430 s Feb 12 2021 MiTek Industries. Inc.	Tue Aug 22 13:51:47 2023 Page 2

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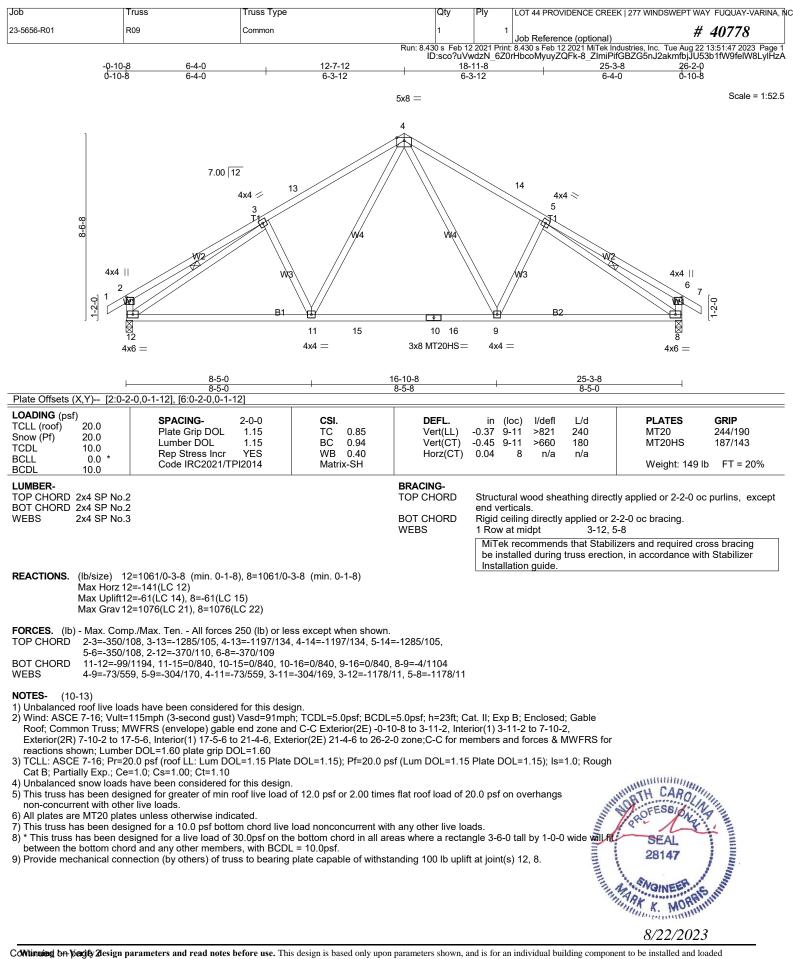
12) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 13) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

14) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate

Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 15) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





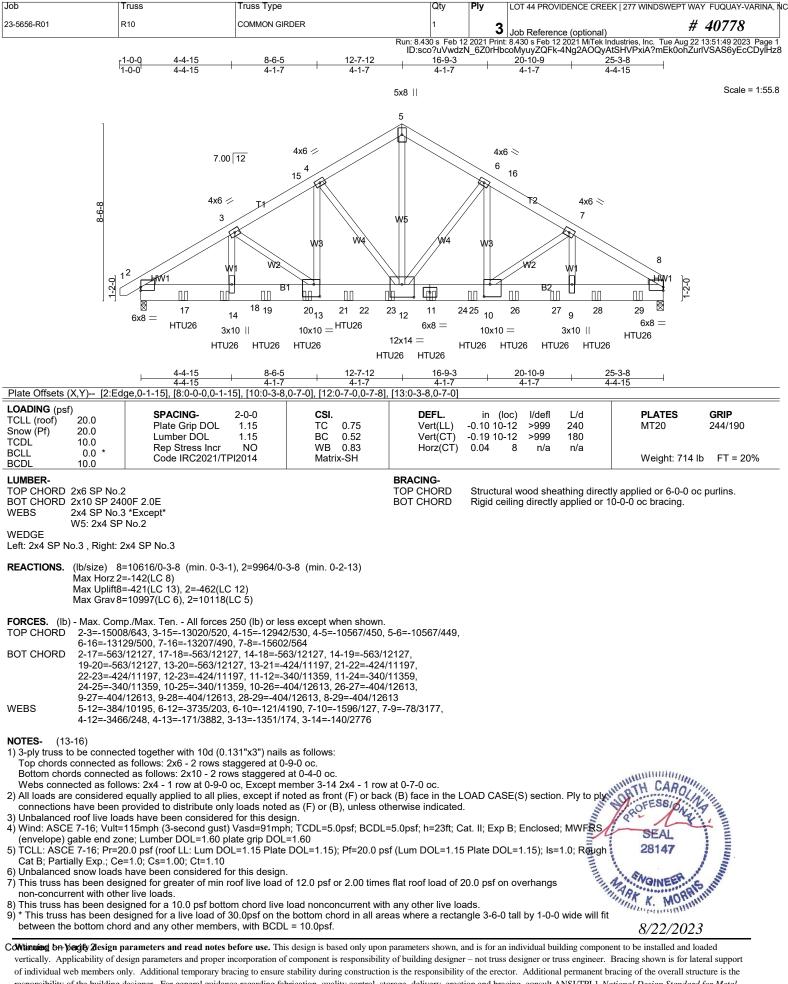
Job	Truss	Truss Type	Qty	Ply	LOT 44 PROVIDENCE CREEK 277 WI	NDSWEPT WAY FUQUAY-VARINA, NC
23-5656-R01	R09	Common	1	1	Job Reference (optional)	# 40778
			Run: 8.430 s Feb 12	2021 Prir	t: 8.430 s Feb 12 2021 MiTek Industries. Ir	nc. Tue Aug 22 13:51:47 2023 Page 2

ID:sco?uVwdzN_6Z0rHbcoMyuyZQFk-8_ZImiPifGBZG5nJ2akmfbjJU53b1fW9felW8LyIHzA

- 10) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 11) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 12) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate
- Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 13) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 National Design Standard for Metal Plate Connected Wood Truss Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 44 PROVIDENCE CREEK 277 WINDSWE	PT WAY FUQUAY-VARINA, NC
23-5656-R01	R10	COMMON GIRDER	1	3	Job Reference (optional)	# 40778
	·				8.430 s Feb 12 2021 MiTek Industries, Inc. Tue / coMyuyZQFk-4Ng2AOQyAtSHVPxiA?mEk(

NOTES- (13-16)

10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=421, 2=462

11) Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 2-0-12 from the left end to 24-0-12 to connect truss(es) R13 (1 ply 2x4 SP), R14 (1 ply 2x4 SP), R13 (1 ply 2x4 SP) to front face of bottom chord.

- 12) Fill all nail holes where hanger is in contact with lumber.
- 13) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 14) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 15) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate
- Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 16) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

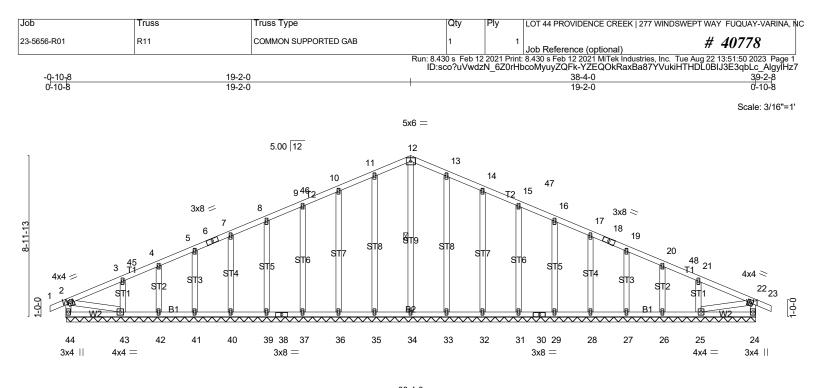
Vert: 1-5=-60, 5-8=-60, 2-8=-20

Concentrated Loads (lb)

Vert: 11=-1571(F) 17=-1489(F) 18=-1489(F) 19=-1489(F) 20=-1571(F) 22=-1571(F) 23=-1571(F) 25=-1571(F) 26=-1571(F) 27=-1571(F) 28=-1571(F) 29=-1489(F)



8/22/2023



			-4-0 -4-0				I
LOADING (psf) TCLL (roof) 20.0 Snow (Pf) 20.0 TCDL 10.0 BCLL 0.0 *	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.12 BC 0.06 WB 0.23 Matrix-SH	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) I -0.00 22 -0.00 22 0.01 24	/defl L/d n/r 180 n/r 80 n/a n/a	PLATES MT20 Weight: 256 I	GRIP 244/190 b FT = 20%
BCDL 10.0	Code IRC202 1/1 PI2014	Maurix-SH				Weight. 256 I	D FI - 20%
LUMBER-			BRACING-				
TOP CHORD 2x4 SP No.2			TOP CHORD		od sheathing direct	ly applied or 6-0-0 or	c purlins, except
BOT CHORD 2x4 SP No.2				end verticals.			
WEBS 2x4 SP No.3			BOT CHORD		irectly applied or 6	i-0-0 oc bracing.	
OTHERS 2x4 SP No.3			WEBS	1 Row at midp	ot 12-34		
						izers and required cr	U I

Installation guide.

REACTIONS. All bearings 38-4-0.

(lb) - Max Horz 44=101(LC 14) Max Uplift All uplift 100 lb or less at joint(s) 44, 35, 36, 37, 39, 40, 41, 42, 43, 33, 32, 31, 29, 28, 27, 26, 25 Max Grav All reactions 250 lb or less at joint(s) 44, 24, 34, 37, 39, 40, 41, 42, 43, 31, 29, 28, 27, 26, 25 except 35=285(LC 5), 36=276(LC 5), 33=285(LC 6), 32=276(LC 6)

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

NOTES-(14-17)

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; Gable Roof; Common Truss; MWFRS (envelope) gable end zone and C-C Corner(3E) -0-10-8 to 3-11-2, Exterior(2N) 3-11-2 to 14-4-6, Corner(3R) 14-4-6 to 23-11-10, Exterior(2N) 23-11-10 to 34-4-14, Corner(3E) 34-4-14 to 39-2-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry
- Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- 4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B: Partially Exp.: Ce=1.0: Cs=1.00: Ct=1.10
- 5) Unbalanced snow loads have been considered for this design.
- 6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs
- non-concurrent with other live loads.
- 7) All plates are 2x4 MT20 unless otherwise indicated.
- 8) Gable requires continuous bottom chord bearing.
- 9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

- (a) Gable studs spaced at ∠-υ-υ ω.
 (b) Gable studs spaced at ∠-υ-υ ω.
 (c) This truss has been designed for a 10.0 psf bottom chord live load noncentrative in the bottom chord in all areas where a requirement of the bottom chord and any other members, with BCDL = 10.0psf.
 (c) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 44, 35, 36, 37, 39, 40, 41, 42, 43, 33, 32, 31, 29, 28, 27, 26, 25.

SEAL 28147 10 SYNCE 28147 10 SEAL 28147 10 SEAL 28147 10 SYNCE 27/202 3md

Job	Truss	Truss Type	Qty	Ply	LOT 44 PROVIDENCE CREEK 277 WINDS	WEPT WAY FUQUAY-VARINA, NC
23-5656-R01	R11	COMMON SUPPORTED GAB	1	1	Job Reference (optional)	# 40778
		Run: 8.4	30 s Feb 13	2 2021 Print	t: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tu	ue Aug 22 13:51:51 2023 Page 2

ID:sco?uVwdzN_6Z0rHbcoMyuyZQFk-0mopb4SCiUi?ki45HQoipRuBxifIzW4IZGjjH6yIHz6

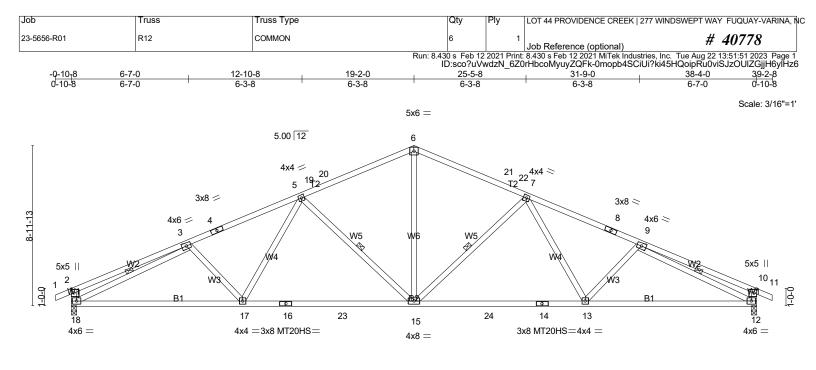
14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 15) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

16) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate

Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 17) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





 	9-7-0	<u>19-2-0</u> 9-7-0		28-9-0 9-7-0		38-4-0 9-7-0	
Plate Offsets (X,Y) [2:0-2	2-8,0-1-12], [10:0-2-8,0-1-12]	5-1-0		3-1-0		3-1-0	
LOADING (psf) TCLL (roof) 20.0 Snow (Pf) 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.82 BC 0.89 WB 0.72 Matrix-SH	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) l/defl -0.33 13-15 >999 -0.56 13-15 >820 0.12 12 n/a	L/d 240 180 n/a	PLATES MT20 MT20HS Weight: 214 lb	GRIP 244/190 187/143 FT = 20%
LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.3 WEBS 2x4 SP No.3	1	BRACING- TOP CHORD BOT CHORD WEBS	Structural wood sheathing directly applied or 2-2-0 oc purlins, exce end verticals. Rigid ceiling directly applied or 10-0-0 oc bracing. 1 Row at midpt 7-15, 5-15, 3-18, 9-12 MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer			ss bracing	
Max Horz 1	8=1583/0-3-8 (min. 0-1-14), 12=158 8=101(LC 14) 8=-98(LC 14), 12=-98(LC 15)	3/0-3-8 (min. 0-1-14)		Installation guide.			
FORCES. (lb) - Max. Comp./Max. Ten All force 250 (lb) or less except when shown. TOP CHORD 2-3=-545/91, 3-4=-2565/173, 4-5=-2507/195, 5-19=-1926/199, 19-20=-1914/199, 6-20=-1860/221, 6-21=-1860/221, 21-22=-1914/199, 7-22=-1926/199, 7-8=-2507/195, 8-9=-2565/173, 9-10=-545/91, 2-18=-447/100, 10-12=-447/100 BOT CHORD 17-18=-201/2385, 16-17=-111/2148, 16-23=-111/2148, 15-23=-111/2148, 15-24=-90/2148, 14-24=-90/2148, 13-14=-90/2148, 12-13=-119/2385 WEBS 6-15=-39/1147, 7-15=-729/155, 7-13=0/409, 5-15=-729/155, 5-17=0/409, 3-18=-2252/139, 9-12=-2252/139							
 2) Wind: ASCE 7-16; Vult= Roof; Common Truss; M Exterior(2R) 14-4-6 to 2: MWFRS for reactions sh 3) TCLL: ASCE 7-16; Pr=2 Cat B; Partially Exp.; Ce 4) Unbalanced snow loads 5) This truss has been des non-concurrent with othe 6) All plates are MT20 platt 7) This truss has been des 8) * This truss has been des 	have been considered for this designed for greater of min roof live load	ph; TCDL=5.0psf; BCDL and C-C Exterior(2E) -0-1 .14, Exterior(2E) 34-4-14 DOL=1.60 te DOL=1.15); Pf=20.0 ps in. d of 12.0 psf or 2.00 time e load nonconcurrent wit he bottom chord in all are DL = 10.0psf.	0-8 to 3-11-2, Inte to 39-2-8 zone;C- sf (Lum DOL=1.15 s flat roof load of 2 h any other live loa eas where a rectar	rior(1) 3-11-2 to 14-4- C for members and fo Plate DOL=1.15); ls= 20.0 psf on overhangs ads. ngle 3-6-0 tall by 1-0-0	6, rces & :1.0; Rough	SEAL 28147	HITTHE AND

8/22/2023

Job	Truss	Truss Type	Qty	Ply	LOT 44 PROVIDENCE CREEK 277 WIN	IDSWEPT WAY FUQUAY-VARINA, NC
23-5656-R01	R12	COMMON	6	1	Job Reference (optional)	# 40778
			Run: 8.430 s Feb 12 2	2021 Print	: 8.430 s Feb 12 2021 MiTek Industries. In	c. Tue Aug 22 13:51:51 2023 Page 2

ID:sco?uVwdzN_620rHbcoMyuyZQFk-0mopb4SCiUi?ki45HQoipRu0viSJzOUIZGjjH6yIH26

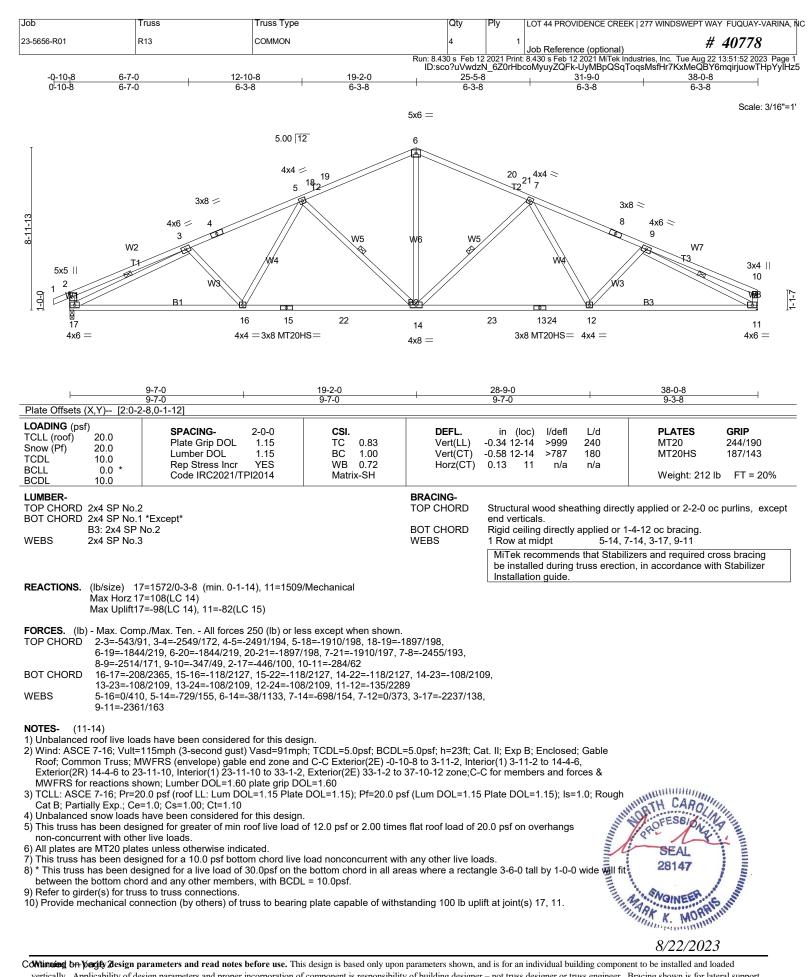
10) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 11) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

12) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate

Connected Wood Trustees for additional bracing guidelines, including diagonal bracing. 13) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	LOT 44 PROVIDENCE CREEK 277 WIND	SWEPT WAY FUQUAY-VARINA, NC
23-5656-R01	R13	COMMON	4	1	Job Reference (optional)	# 40778
		Run [.]	8 430 s Feb 13	2 2021 Print	* 8 430 s Feb 12 2021 MiTek Industries Inc.	Tue Aug 22 13:51:52 2023 Page 2

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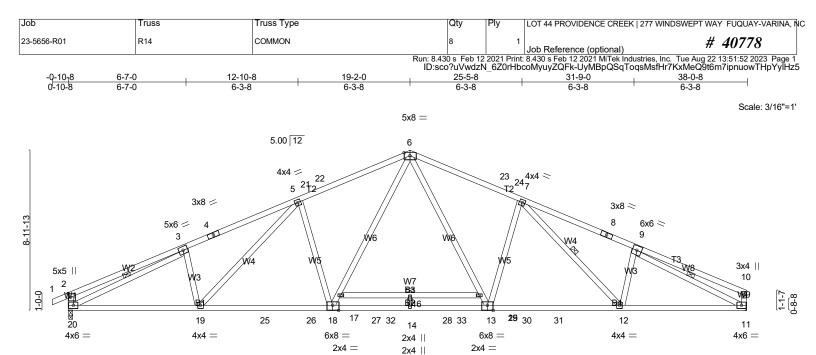
11) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 12) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

13) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate

Connected Wood Trustees for additional bracing guidelines, including diagonal bracing. 14) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





⊢––	7-5-(19-2-0	23-6-0	30-11-0 7-5-0	<u>38-0-8</u> 7-1-8			
Plate Offsets				4-4-0	7-5-0	7-1-0			
LOADING (ps TCLL (roof) Snow (Pf) TCDL BCLL BCDL	sf) 20.0 20.0 10.0 0.0 * 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.94 BC 0.99 WB 0.84 Matrix-SH	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) l/defl L/d -0.41 16 >999 240 -0.72 16 >628 180 0.13 11 n/a n/a	PLATES GRIP MT20 244/190 Weight: 233 lb FT = 20%			
	2x4 SP No.2 2x4 SP No.1 B2: 2x4 SP S 2x4 SP No.3	*Except* SS, B3: 2x4 SP No.2		BRACING- TOP CHORD BOT CHORD WEBS	Rigid ceiling directly applied or 6-0-0 oc bracing: 15-17 1 Row at midpt 7-12 MiTek recommends that Stat	ctly applied, except end verticals. 2-2-0 oc bracing. Except: , 3-20, 9-11 oilizers and required cross bracing tion, in accordance with Stabilizer			
REACTIONS.	REACTIONS. (lb/size) 20=1652/0-3-8 (min. 0-2-1), 11=1591/Mechanical Max Horz 20=108(LC 14) Max Uplift20=-58(LC 14), 11=-41(LC 15) Max Grav 20=1747(LC 3), 11=1700(LC 3)								
	FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-550/106, 3-4=-3067/115, 4-5=-3009/137, 5-21=-2808/133, 21-22=-2797/135, 6-22=-2743/157, 6-23=-2725/156, 23-24=-2779/135, 7-24=-2790/132, 7-8=-2928/137, 8-9=-2987/115, 9-10=-349/64, 2-20=-452/106, 10-11=-287/68								
BOT CHORD	19-20=-119 14-27=0/20	9/2781, 19-25=-26/2642, 25-26=-26/ 043, 14-28=0/2043, 28-29=0/2043, 1	2642, 18-26=-26/2642, 2 3-29=0/2043, 13-30=-17						
WEBS	5-19=-92/3	61, 5-18=-596/183, 17-18=-88/1021	6-17=-56/1112, 6-15=-						
 Unbalance Wind: ASC Roof; Com Exterior(2F MWFRS fo TCLL: ASC Cat B; Part Unbalance This truss I non-concul This truss I non-concul This truss I setween th Refer to gir 	 30-31=-17/2616, 12-31=-17/2616, 11-12=-50/2694 WEBS 5-19=-92/361, 5-18=-596/183, 17-18=-86/1021, 6-17=-56/1112, 6-15=-54/1076, 13-15=-86/986, 7-13=-566/182, 7-12=-92/304, 3-20=-2679/24, 9-11=-2802/50 NOTES- (10-13) 1) Unbalanced roof live loads have been considered for this design. 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; Gable Roof; Common Truss; MWFRS (envelope) gable end zone and C-C Exterior(2E) -0-10-8 to 3-11-2, Interior(1) 3-11-2 to 14-4-6, Exterior(2R) 14-4-6 to 23-11-10, Interior(1) 23-11-10 to 33-1-2, Exterior(2E) -0-10-8 to 3-11-2, Interior(1) 3-11-2 to 14-4-6, Exterior(2R) 14-4-6 to 23-11-10, Interior(1) 23-11-10 to 33-1-2, Exterior(2E) -0-10-8 to 3-11-2, Interior(1) 3-11-2 to 14-4-6, Exterior(2R) 14-4-6 to 23-11-10, Interior(1) 23-11-10 to 33-1-2, Exterior(2E) -0-10-8 to 3-11-2, Interior(1) 3-11-2 to 14-4-6, Exterior(2R) 14-4-6 to 23-11-10, Interior(1) 23-11-10 to 33-1-2, Exterior(2E) -0-10-8 to 3-11-2, Interior(1) 3-11-2 to 14-4-6, Exterior(2R) 14-4-6 to 23-11-10, Interior(1) 23-11-10 to 33-1-2, Exterior(2E) -0-10-8 to 3-11-2, Interior(1) 3-11-2 to 14-4-6, Exterior(2R) 14-4-6 to 23-11-10, Interior(1) 23-11-10 to 33-1-2, Exterior(2E) -0-10-8 to 3-11-2, Interior(1) 3-11-2 to 14-4-6, Exterior(2R) 14-4-6 to 23-11-10, Interior(1) 23-11-10 to 33-1-2, Exterior(2E) -0.0 psf (Lum DOL=1.15); Is=1.0; Rough (CAR) and No and shave been considered for this design. 3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15); Is=10; Rough (CAR) and No and No and Nord Iive load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads. 7) * This truss has been designed for a 10.0 psf bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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 100								
						8/22/2023			

Job	Truss	Truss Type	Qty	Ply	LOT 44 PROVIDENCE CREEK 277 V	WINDSWEPT WAY FUQUAY-VARINA, NC
23-5656-R01	R14	COMMON	8		1 Job Reference (optional)	# 40778
			Run: 8.430 s Feb 12	2021 Prir	nt: 8.430 s Feb 12 2021 MiTek Industries.	Inc. Tue Aug 22 13:51:53 2023 Page 2

ID:sco?uVwdzN_6Z0rHbcoMyuyZQFk-z8wZ0mTSE6yj_0ETPqrAuszKcW5MRF111aCqL?yiHz4

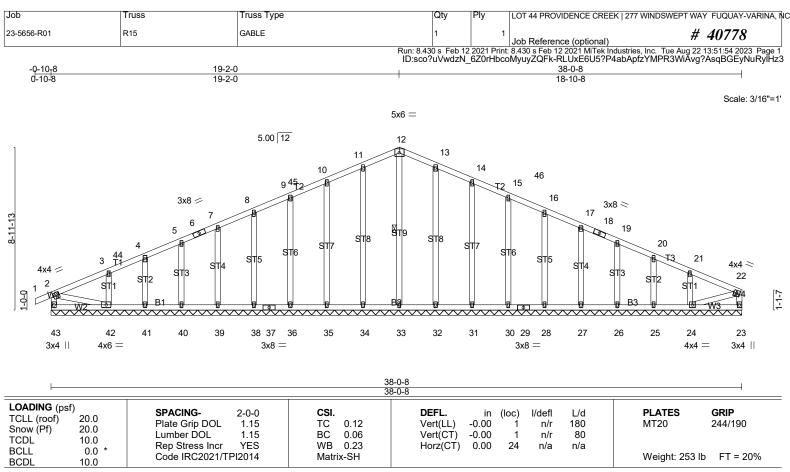
10) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 11) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

12) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate

Connected Wood Trustees for additional bracing guidelines, including diagonal bracing. 13) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2v/ SP No 3

 BRACING

 TOP CHORD
 Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

 BOT CHORD
 Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 42-43.

 WEBS
 1 Row at midpt
 12-33

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

Installation guide

REACTIONS. All bearings 38-0-8.

(lb) - Max Horz 43=108(LC 14)

Max Uplift All uplift 100 lb or less at joint(s) 43, 34, 35, 36, 38, 39, 40, 41, 42, 32, 31, 30, 28, 27, 26, 25, 24 Max Grav All reactions 250 lb or less at joint(s) 43, 23, 33, 36, 38, 39, 40, 41, 42, 30, 28, 27, 26, 25, 24 except 34=285(LC 5), 35=276(LC 5), 32=285(LC 6), 31=276(LC 6)

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

NOTES- (14-17)

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

2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; Gable Roof; Common Truss; MWFRS (envelope) gable end zone and C-C Corner(3E) -0-10-8 to 3-11-2, Exterior(2N) 3-11-2 to 14-4-6, Corner(3R) 14-4-6 to 23-11-10, Exterior(2N) 23-11-10 to 33-1-2, Corner(3E) 33-1-2 to 37-10-12 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.

4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10

5) Unbalanced snow loads have been considered for this design.

6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.

- 7) All plates are 2x4 MT20 unless otherwise indicated.
- 8) Gable requires continuous bottom chord bearing.
- 9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 10) Gable studs spaced at 2-0-0 oc.

11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 12) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

1) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 43, 34, 35, 36, 38, 39, 40, 41, 42, 32, 31, 30, 28, 27, 26, 25, 24.

try Rough ide vill 6, 38:39 MARCESSION SEAL 28147 SEAL 2915 SEAL 291

Job	Truss	Truss Type	Qty	Ply	LOT 44 PROVIDENCE CREEK 277 W	INDSWEPT WAY FUQUAY-VARINA, NC	
23-5656-R01	R15	GABLE	1	1	Job Reference (optional)	# 40778	
Run; 8,430 s Feb 12 2021 Print; 8,430 s Feb 12 2021 MiTek Industries, Inc. Tue Aug 22 13:51:54 2023 Page 2							

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14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 15) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

16) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate

Connected Wood Trustees for additional bracing guidelines, including diagonal bracing. 17) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard



