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 #: 28930 JOB: 21-6091-R01 JOB NAME: 49786-0203 WOODGROVE 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. 14 Truss Design(s)

Trusses: J01, R01, R02, R03, R04, R05, R06, R07, R08, R09, R10, R11, R12, R13

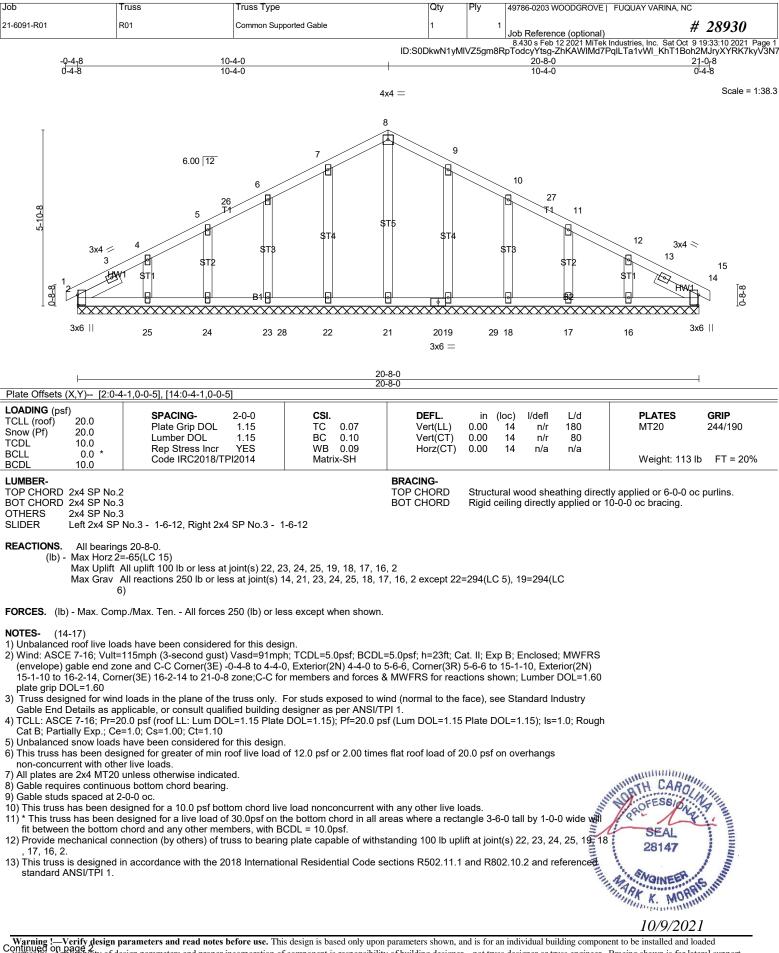


Warning !--- Verify design parameters and read notes before use.

ob	Truss	Truss Type	Qty		-0203 WOODGROVE	FUQUAY VARINA, NC	
1-6091-R01	J01	Jack-Closed	3	1 Job F 8.43	Reference (optional) 0 s Feb 12 2021 MiTek I	# Industries, Inc. Sat Oct 91 a169Qfn5GWEGNii_1Q	28930 9:33:08 2021 Page
		-0-4-8	ID:S0DkwN1 2-0-0 2-0-0	yMIVZ5gm8RpTodo	cyYtsg-dJDQ5cKNbo	a169Qfn5GWEGNii_1Q	uQgf4EyD2ryV3l
				3			Scale = 1:11
]	6.00 12	2x4			
			T1	W1			
			HW1				
		0-8-8	B1	<u>`</u> L][
				Λ			
			3x8	4			
		3x4 =		2x4			
		I	<u>2-0-0</u> 2-0-0				
Plate Offsets (X,Y) [2:0 LOADING (psf)		2.0.0		in (les)			
TCLL (roof) 20.0 Snow (Pf) 20.0	SPACING- Plate Grip DOL Lumber DOL	2-0-0 CSI. 1.15 TC 1.15 BC	0.07 DEFL. 0.04 Vert(LL)	-0.00 2 ×	l/defl L/d >999 240 >999 180		GRIP 244/190
TCDL 10.0 BCLL 0.0 * BCDL 10.0	Rep Stress Incr Code IRC2018/T	YES WB	0.00 Horz(C		n/a n/a	Weight: 11 lb	FT = 20%
LUMBER- TOP CHORD 2x4 SP No	2		BRACING- TOP CHORD	Structural woo	od sheathing direct	y applied or 2-0-0 oc	ourlins excent
BOT CHORD 2x6 SP No WEBS 2x4 SP No	o.2		BOT CHORD	end verticals.	lirectly applied or 1		
WEDGE Left: 2x4 SP No.3				be installed	during truss erectio	zers and required cro n, in accordance with	
	4=70/Mechanical, 2=100/ 2=32(LC 14)	0-3-8 (min. 0-1-8)		Installation g	juide.		
Max Uplif	4=-18(LC 14), 2=-2(LC 14) 4=90(LC 21), 2=130(LC 2	·					
FORCES. (Ib) - Max. Co	mp./Max. Ten All forces	250 (lb) or less except w	/hen shown.				
NOTES- (10-13) 1) Wind: ASCE 7-16: Vul	t=115mph (3-second qust	Vasd=91mph ⁻ TCDI =5	.0psf; BCDL=5.0psf; h=23ft	Cat II: Exp B: En	closed: MW/ERS		
(envelope) gable end z plate grip DOL=1.60	zone and C-C Exterior(2E)	zone;C-C for members a	and forces & MWFRS for re	actions shown; Lu	mber DOL=1.60		
Cat B; Partially Exp.; C	Ce=1.0; Cs=1.00; Ct=1.10	,); Pf=20.0 psf (Lum DOL=1	15 Plate DOL=1.1	5); ls=1.0; Rough		
	0 0		or 2.00 times flat roof load o	of 20.0 psf on over	hangs		
5) This truss has been de 6) * This truss has been o	esigned for a 10.0 psf botto designed for a live load of	30.0psf on the bottom ch	ncurrent with any other live hord in all areas where a rec		y 1-0-0 wide will fit		
between the bottom ch 7) Refer to girder(s) for t 8) Provide mechanical co	nord and any other member russ to truss connections.	rs. ss to bearing plate canal	ble of withstanding 100 lb u	olift at ioint(s) $1, 2$		MUMMUM	
9) This truss is designed standard ANSI/TPI 1.	in accordance with the 20	18 International Resident	(ial Code sections R502.11	1 and R802.10.2 a	and referenced	WHATH CAROL	Inn
10) Graphical bracing rep that the member mus	presentation does not depi t be braced.	ct the size, type or the or	ientation of the brace on the	e member. Symbo	I only indicates	PAR MA	
11) Bearing symbols are structural design of th 12) Web bracing shown i	only graphical representat ne truss to support the load s for lateral support of indi	ions of a possible bearing is indicated. vidual web members only	g condition. Bearing symbo	is are not consider	Handling	28147	ATT NUMBER
Installing, Restraining 13) SEE BCSI-B3 SUMM MINIMUM BRACING	& Bracing of Metal Plate IARY SHEET- PERMANE REQUIREMENTS OF TO	Connected Wood Trusse NT RESTRAING/BRACIN P CHORD, BOTTOM CH	ble of withstanding 100 lb u tial Code sections R502.11 ientation of the brace on the g condition. Bearing symbo y. Refer to BCSI - Guide to es for additional bracing gui NG OF CHORDS & WEB M HORD, AND WEB PLANES ECT OR ENGINEER FOR issed only upon parameters show s responsibility of building desig ng construction is the responsibility control, storage, delivery, en	delines, including EMBERS FOR RE	diagonal bracing. ECOMMENDED D THESE	A NOINEER	and the second sec
MINIMUM GUIDELIN CONSIDERATIONS.	ES, ALWAYS CONSULT	THE PROJECT ARCHIT	EUT OR ENGINEER FOR	ADDITIONAL BRA	CING	Man K. MUMM	
						111/0///11/	

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	49786-0203 WOODGROVE FUQUAY VARINA, NC
21-6091-R01	R01	Common Supported Gable	1	1	Job Reference (optional) # 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct 9 19:33:10 2021 Pa

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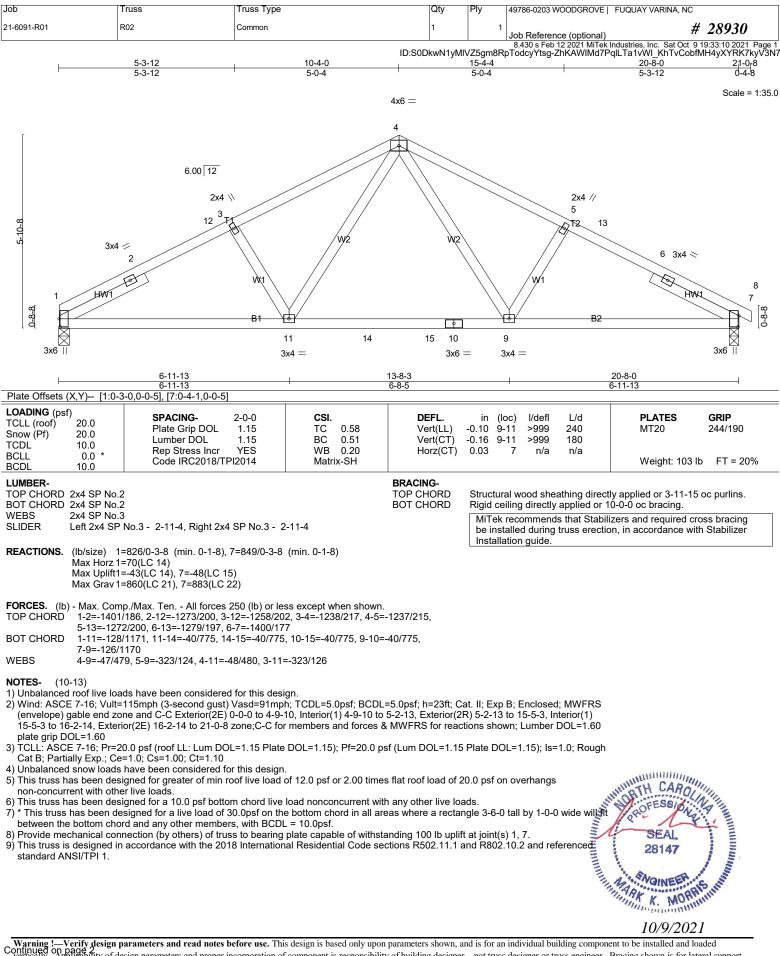
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 17) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS

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LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	49786-0203 WOODGROVE FUQUAY VARINA, NC
21-6091-R01	R02	Common	1	1	Job Reference (optional) # 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct 9 19:33:10 2021 Page 2

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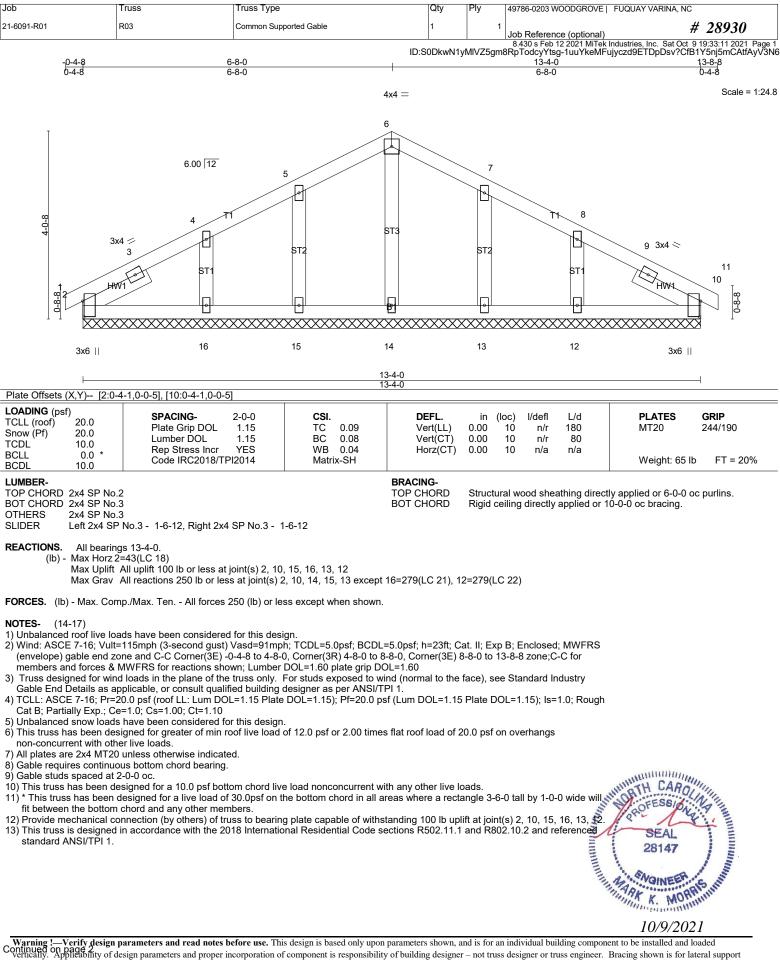
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LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	49786-0203 WOODGROVE FUQUAY VARINA, NC
21-6091-R01	R03	Common Supported Gable	1	1	Job Reference (optional) # 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct 9 19:33:11 2021 Page

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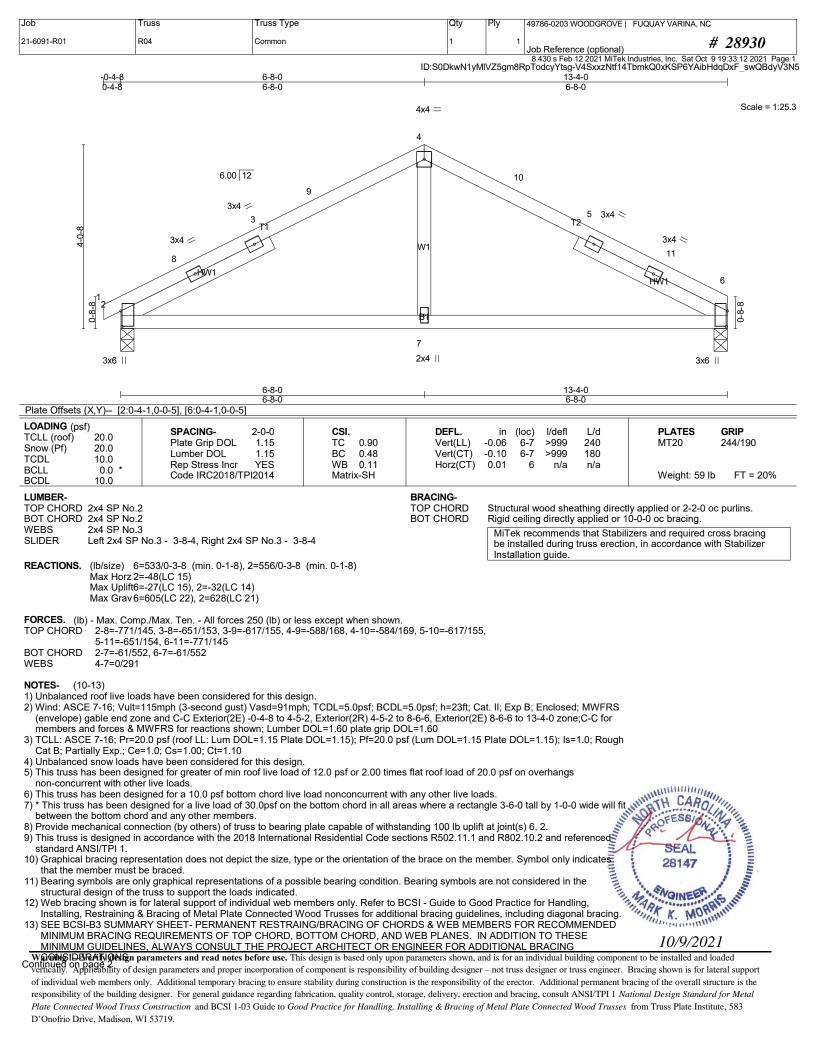
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LOAD CASE(S) Standard



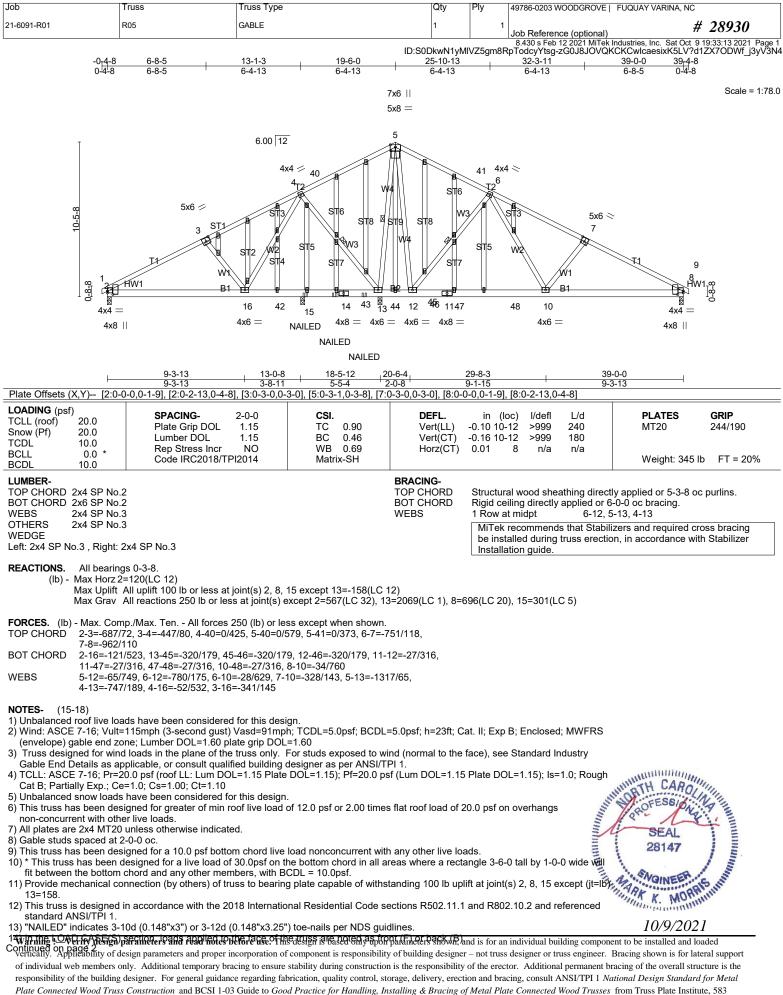


Job	Truss	Truss Type	Qty	Ply	49786-0203 WOODGROVE FUQUAY VARINA, NC
21-6091-R01	R04	Common	1	1	Job Reference (optional) # 28930

8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct 9 19:33:12 2021 Page 2 ID:S0DkwN1yMIVZ5gm8RpTodcyYtsg-V4SxxzNtf14TbmkQ0xKSP6YAibHdqDxF_swQBdyV3N5

LOAD CASE(S) Standard





D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	49786-0203 WOODGROVE FUQUAY VARINA, NC
21-6091-R01	R05	GABLE	1	1	Job Reference (optional) # 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct 9 19:33:13 2021 Page 2

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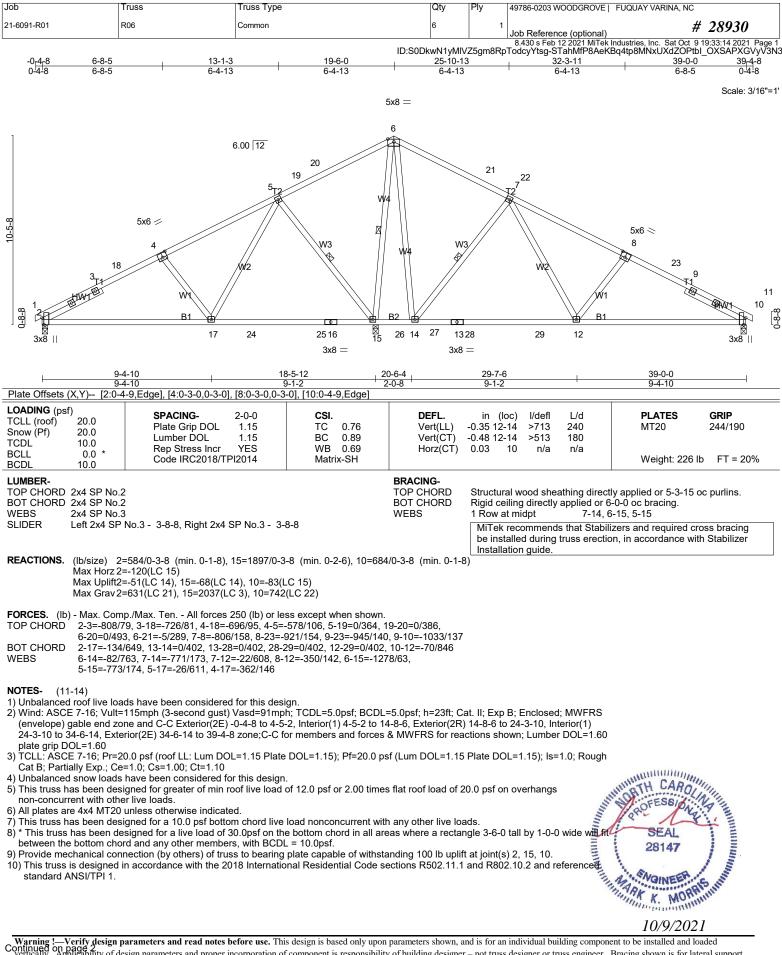
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LOAD CASE(S) Standard

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

Uniform Loads (plf) Vert: 1-5=-60, 5-9=-60, 2-8=-20 Concentrated Loads (lb) Vert: 15=-70(F) 43=-70(F) 44=-70(F)





Job	Truss	Truss Type	Qty	Ply	49786-0203 WOODGROVE FUQUAY VARINA, NO)
21-6091-R01	R06	Common	6	1	Job Reference (optional)	# 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct	9 19:33:14 2021 Page 2

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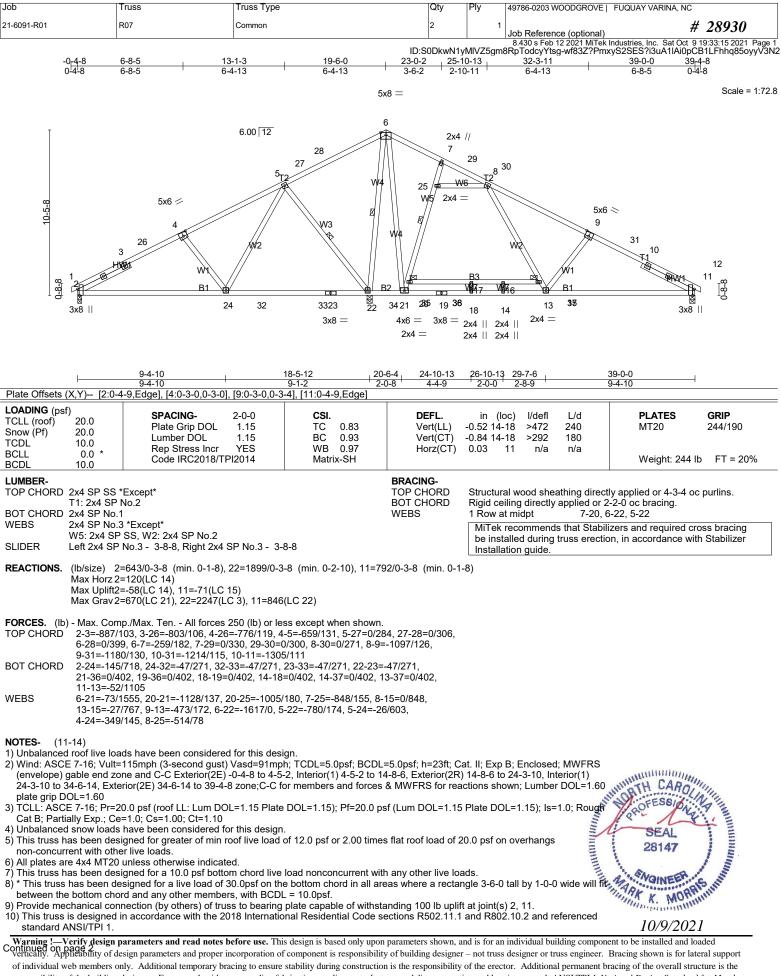
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LOAD CASE(S) Standard





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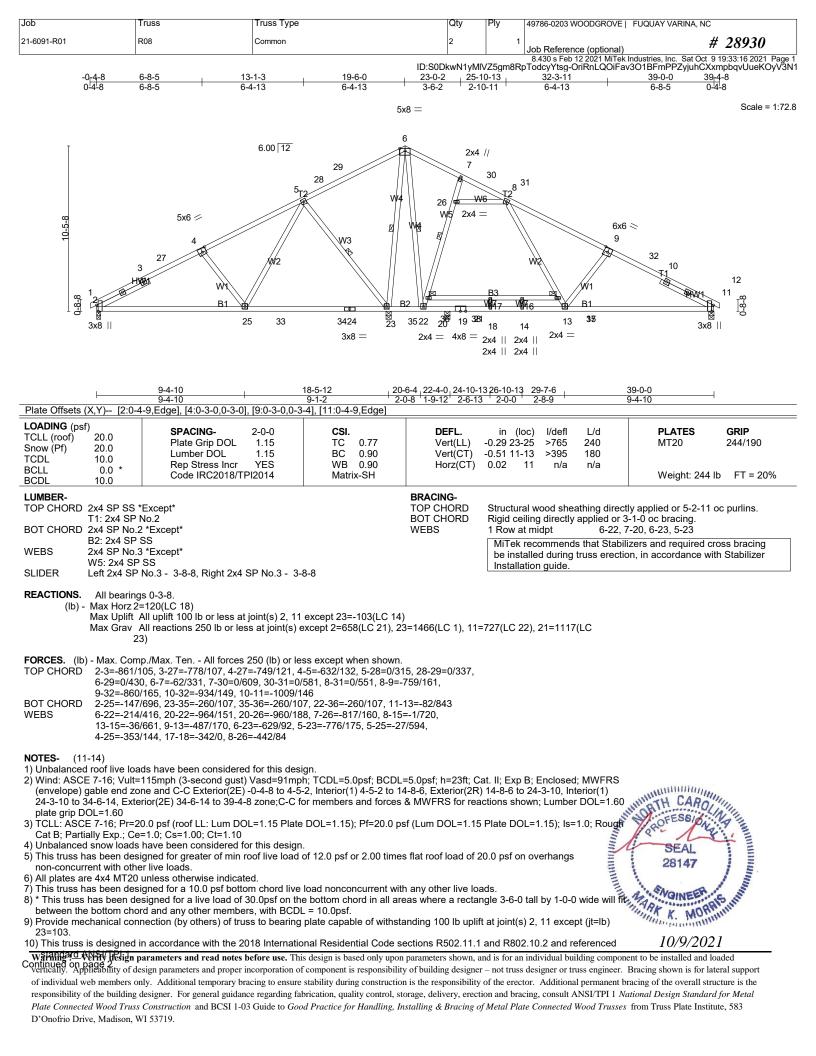
Job	Truss	Truss Type	Qty	Ply	49786-0203 WOODGROVE FUQUAY VARINA, NC
21-6091-R01	R07	Common	2	1	Job Reference (optional) # 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct 9 19:33:15 2021 Pa

ID:S0DkwN1yMIVZ5gm8RpTodcyYtsg-wf83Z?PmxyS2SES?i3uA1lAi0pCB1LFhhq85oyyV3N2

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LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	49786-0203 WOODGROVE FUQUAY VARINA, NC
21-6091-R01	R08	Common	2	1	Job Reference (optional) # 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct 9 19:33:16 2021 Page

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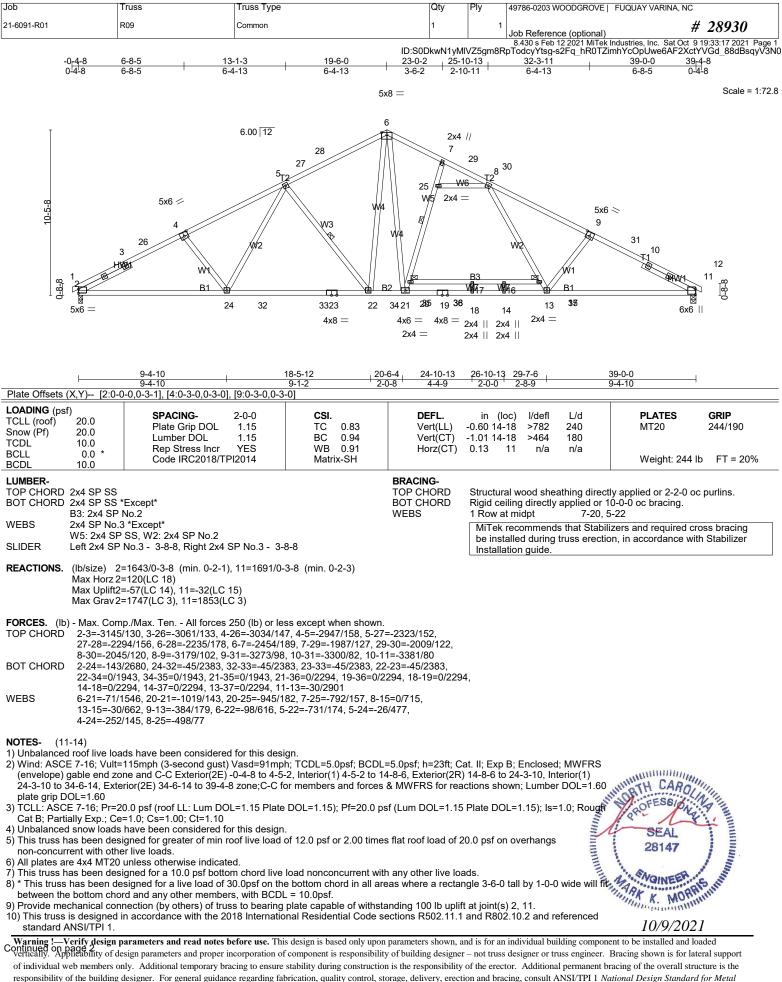
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LOAD CASE(S) Standard





responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TP1 1 National Design Standard for Meta 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	49786-0203 WOODGROVE FUQUAY VARINA, NC
21-6091-R01	R09	Common	1	1	Job Reference (optional) # 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct 9 19:33:17 2021 Page

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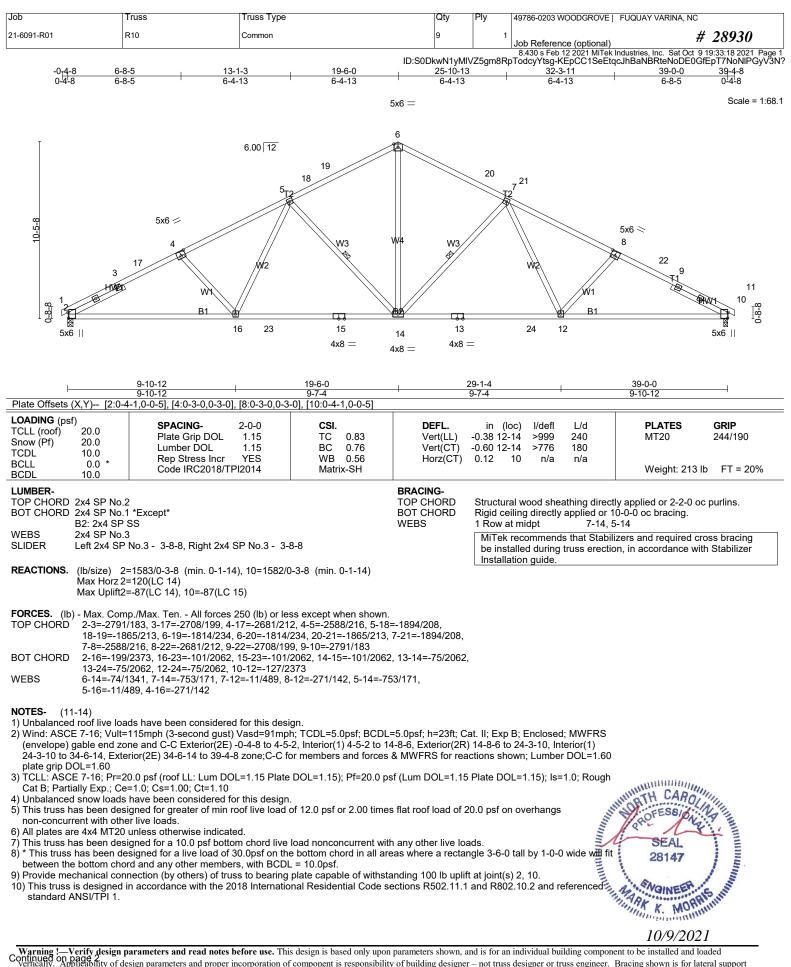
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Job	Truss	Truss Type	Qty	Ply	49786-0203 WOODGROVE FUQUAY VARINA, NC
21-6091-R01	R10	Common	9	1	Job Reference (optional) # 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct 9 19:33:18 2021 Page 2

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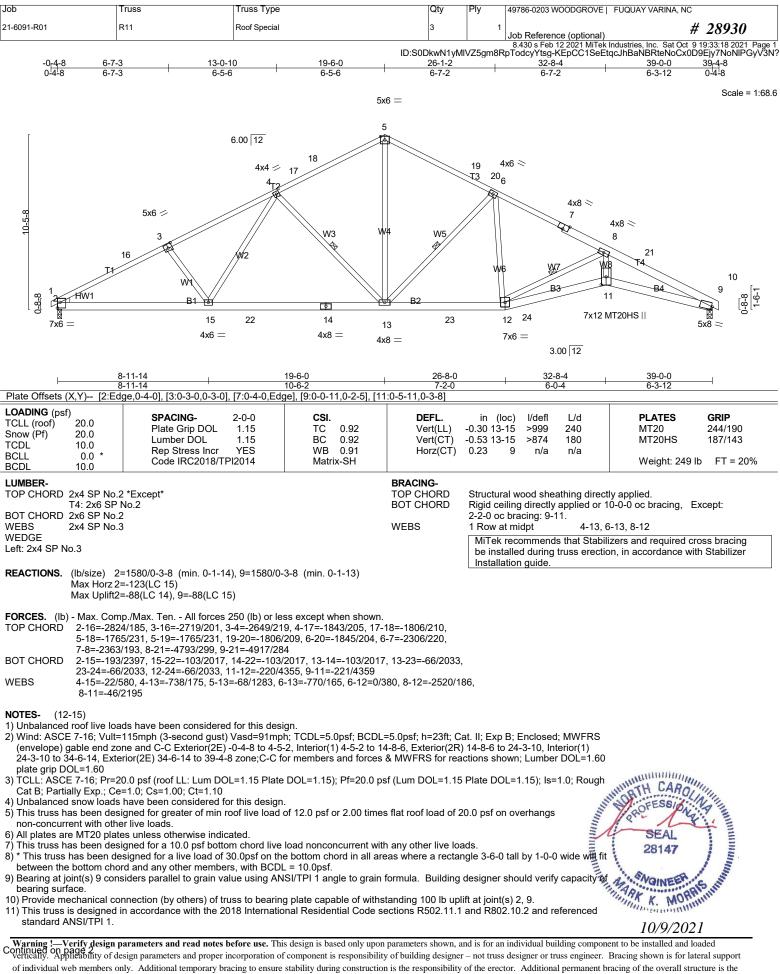
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LOAD CASE(S) Standard





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.

Job	Truss	Truss Type	Qty	Ply	49786-0203 WOODGROVE FUQUAY VARINA, NC
21-6091-R01	R11	Roof Special	3	1	Job Reference (optional) # 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct 9 19:33:18 2021 Page

ID:S0DkwN1yMIVZ5gm8RpTodcyYtsg-KEpCC1SeEtqcJhBaNBRteNoCx0D9Ejy7NoNIPGyV3N?

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LOAD CASE(S) Standard



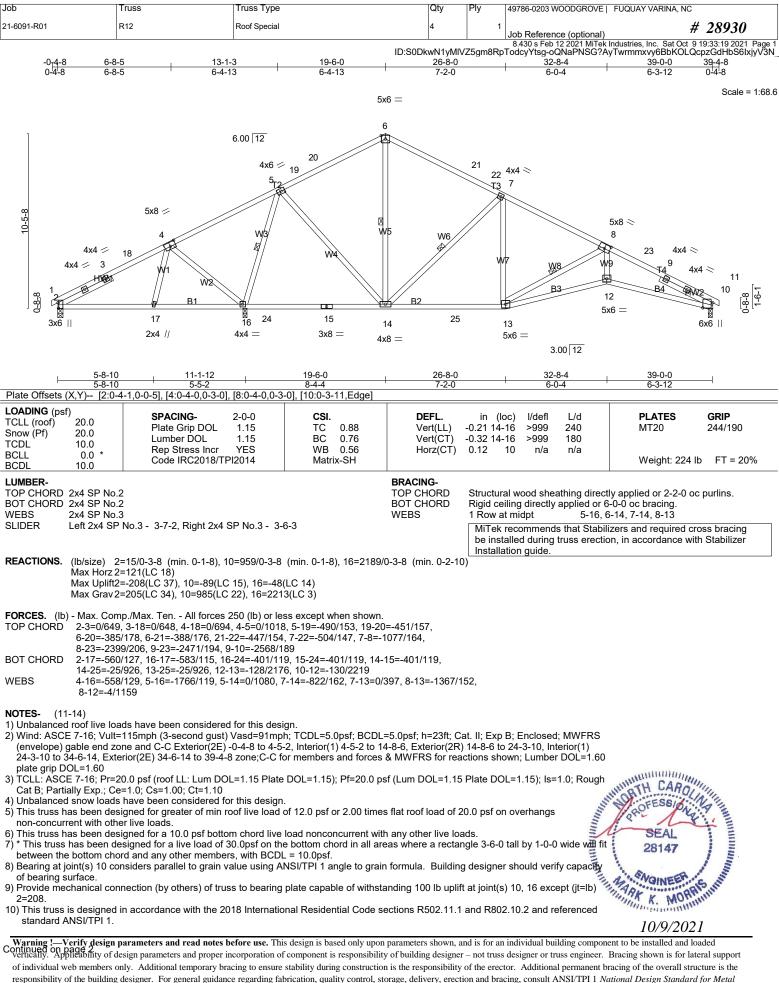


Plate Connected Wood Truss Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	49786-0203 WOODGROVE FUQUAY VARINA	A, NC
21-6091-R01	R12	Roof Special	4	1	Job Reference (optional)	# 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sa	t Oct 9 19:33:19 2021 Page 2

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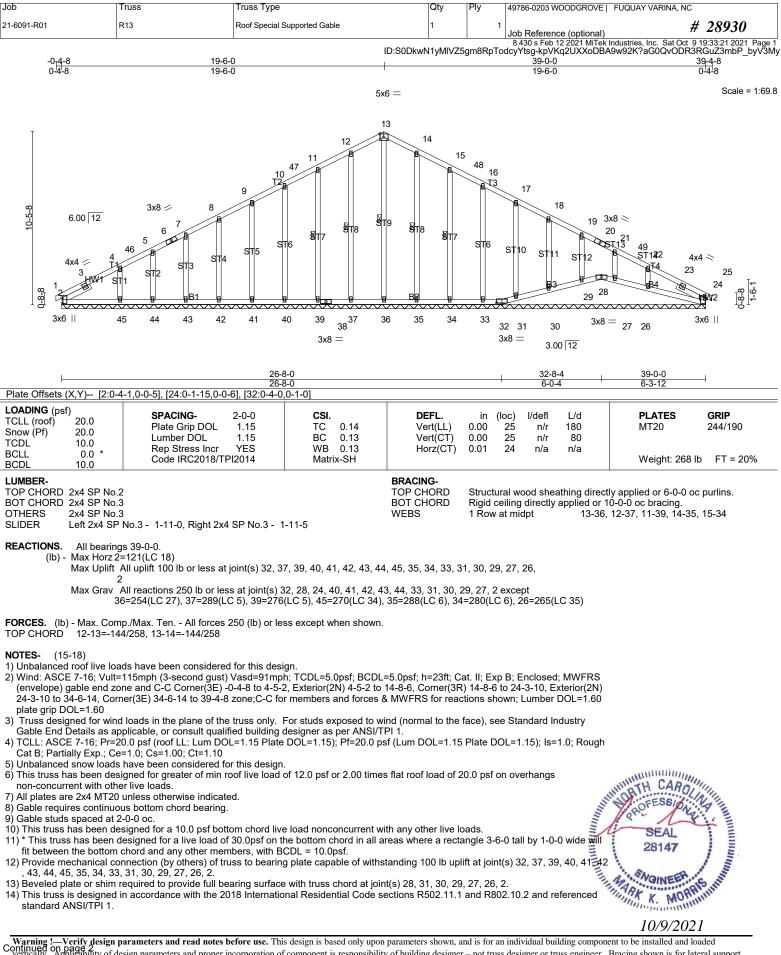
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LOAD CASE(S) Standard





Warning !---Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual outcome component to be instance and based only upon parameters shown, and is for an individual outcome component to be instance and based overlies of the pade of the p

Job	Truss	Truss Type	Qty	Ply	49786-0203 WOODGROVE FUQUAY VARINA, NC
21-6091-R01	R13	Roof Special Supported Gable	1	1	Job Reference (optional) # 28930
					8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Oct 9 19:33:22 2021 Page 2

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15) 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.
16) 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.

 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.
 SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS

18) 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

