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 #: 56212 JOB: 25-0635-R01 JOB NAME: LOT 147 PROVIDENCE CREEK Wind Code: ASCE7-16 Wind Speed: Vult= 120mph Exposure Category: B Mean Roof Height (feet): 35 These truss designs comply with IRC 2018 as well as IRC 2021. *30 Truss Design(s)*

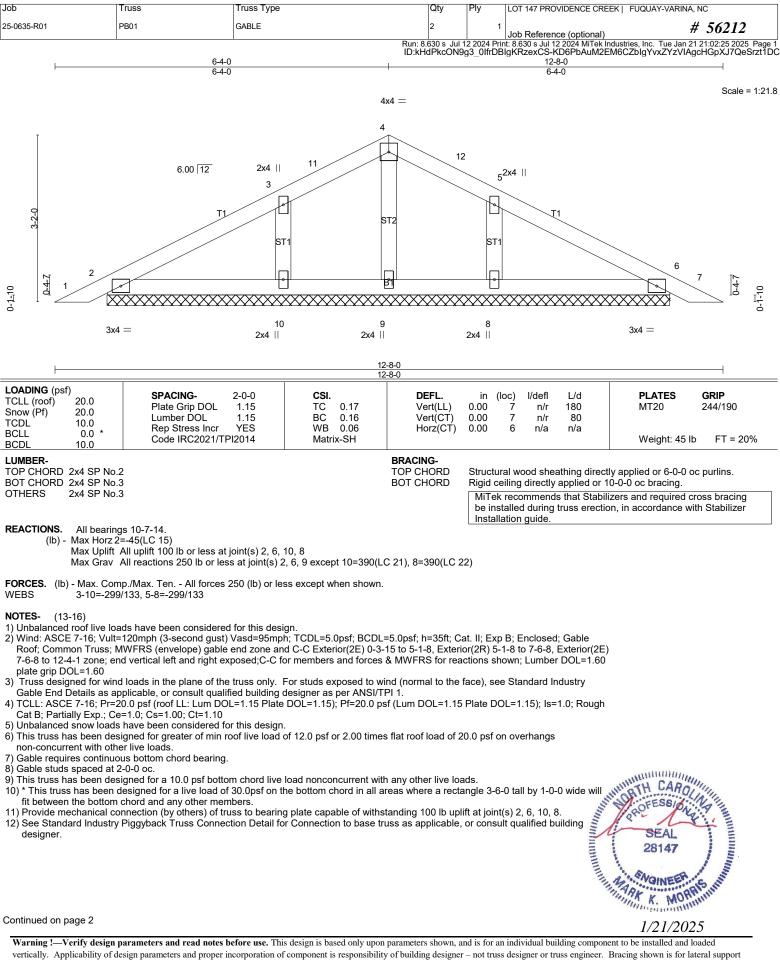
Trusses:

J01, PB01, PB02, R01, R02, R03, R03A, R04, R05, R05A, R06, R07, R08, R09, R10, R11, R12, R13, R14, R15, VT01, VT02, VT03, VT04, VT05, VT06, VT07, VT08, VT09, VT10



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

Job	Truss		Truss Type		Qty	Ply	LOT 147 PROVIDENCE CRE	EEK FUQUAY-VARINA, NC
5-0635-R01	J01		Jack-Open		5		1 Job Reference (optional)	
					ID:kHdPkcON9	12 2024 F g3_0lfrD	Print: 8.630 s Jul 12 2024 MiTek I BIgKRzexCS-s1Z0OqtkHwE	Industries, Inc. Tue Jan 21 21:02:24 2025 Pag FaQ166rOi0KRLLmMDYpXO5Th4wOzt1
				10-8 10-8	2-0-0 2-0-0			
							_	Scale = 1:1
		J				;		
				6.00 12			j)	
				2x4	/ /			
		5-0-0		2 T	1		2-0-0	
		2-(<u>1-7-5</u> 2-(
		Ģ	1	W1			4	
		1-0-0					\square	
					B1			
]]						
				\square				
							4	
				5 2x4				
					2-0-0 2-0-0			
OADING (psf)		SPACING-	2-0-0	CSI.	DEFL.	in	(loc) l/defl L/d	PLATES GRIP
CLL (roof) 20.0 now (Pf) 20.0		Plate Grip DOL	1.15	TC 0.12	Vert(LL)	0.00	5 >999 240	MT20 244/190
CDL 10.0 BCLL 0.0		Lumber DOL Rep Stress Incr	1.15 YES	BC 0.05 WB 0.00	Vert(CT) Horz(CT)	-0.00 -0.00	4-5 >999 180 3 n/a n/a	
CDL 10.0		Code IRC2021/TF	2014	Matrix-R				Weight: 9 lb FT = 20%
UMBER- OP CHORD 2x4 S	P No.2				BRACING- TOP CHORD	Struct	tural wood sheathing direc	tly applied or 2-0-0 oc purlins, excep
OT CHORD 2x4 S VEBS 2x4 S	P No.2 P No.3				BOT CHORD	end ve	erticals. ceiling directly applied or 1	
	1 110.0				Boronona	MiTe	ek recommends that Stabil	lizers and required cross bracing
							nstalled during truss erection allation guide.	on, in accordance with Stabilizer
	ze) 5=152 Horz 5=41(l		3=41/Mechani	cal, 4=16/Mechanical				
		(LC 14), 3=-31(LC 14 (LC 21), 3=57(LC 21		1)				
			,, ,	except when shown.				
IOTES- (9-12)	C Comp./w			except when shown.				
) Wind: ASCE 7-16							xp B; Enclosed; Gable	
exposed;C-C for n	nembers ar	nd forces & MWFRS	for reactions s	hown; Lumber DOL=	1.60 plate grip DO	DL=1.60		
Cat B; Partially Ex	p.; Ce=1.0;	; Cs=1.00; Ct=1.10		OL=1.15); Pf=20.0 p	st (Lum DOL=1.15	Plate L	DOL=1.15); ls=1.0; Rough	
		e been considered fo d for greater of min ro		12.0 psf or 2.00 time	s flat roof load of 2	20.0 psf	on overhangs	
non-concurrent wi			m chord live lo	ad nonconcurrent wit	h any other live loa	ads	Ũ	
ý) * This truss has be	een designe		0.0psf on the				6-0 tall by 1-0-0 wide will fit	t
) Refer to girder(s) f	for truss to	truss connections.					W) 5 0 4	
) Provide mechanic) Graphical bracing	representa	tion does not depict	the size, type	ate capable of withst or the orientation of th	ne brace on the me	ember. S	Symbol only indicates that	ANNIHITED.
the member must D) Bearing symbols	be braced. are only gr	aphical representation	ons of a possib	le bearing condition.	Bearing symbols a	are not o	considered in the	WINNITH CARO
structural design	of the trus	s to support the load	s indicated. idual web mer	nbers only. Refer to E	SCSI - Guide to Go	ood Prac	ctice for Handling	OFESSION NA IL
Installing, Restra	ining & Bra	cing of Metal Plate (Connected Wo	od Trusses for additio	onal bracing guide	lines, in	FOR RECOMMENDED	RAL RAL
MINIMUM BRAC	ING REQU	IREMENTS OF TOP	P CHORD, BO	TTOM CHORD, AND	WEB PLANES. I	N ADDI	ITION TO THESE	28147
MINIMUM GUIDE	elines, Al NS.	WAYS CONSULT T	HE PROJECT	ARCHITECT OR EN	IGINEER FOR AD	ΙΟΙΤΙΟΝ	Symbol only indicates that considered in the ctice for Handling, icluding diagonal bracing. FOR RECOMMENDED ITION TO THESE VAL BRACING	SEAL 28147 1/21/2025
.OAD CASE(S) Star							1 million	A NOINEER S IN
								Mark K. MORMANN
								1/21/2025
								1/21/2023



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	LOT 147 PROVIDENCE CREEK FUQUA	Y-VARINA, NC
25-0635-R01	PB01	GABLE	2	1	Job Reference (optional)	# 56212
			Run: 8.630 s Jul 1	12 2024 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc.	Tue Jan 21 21:02:25 2025 Page 2

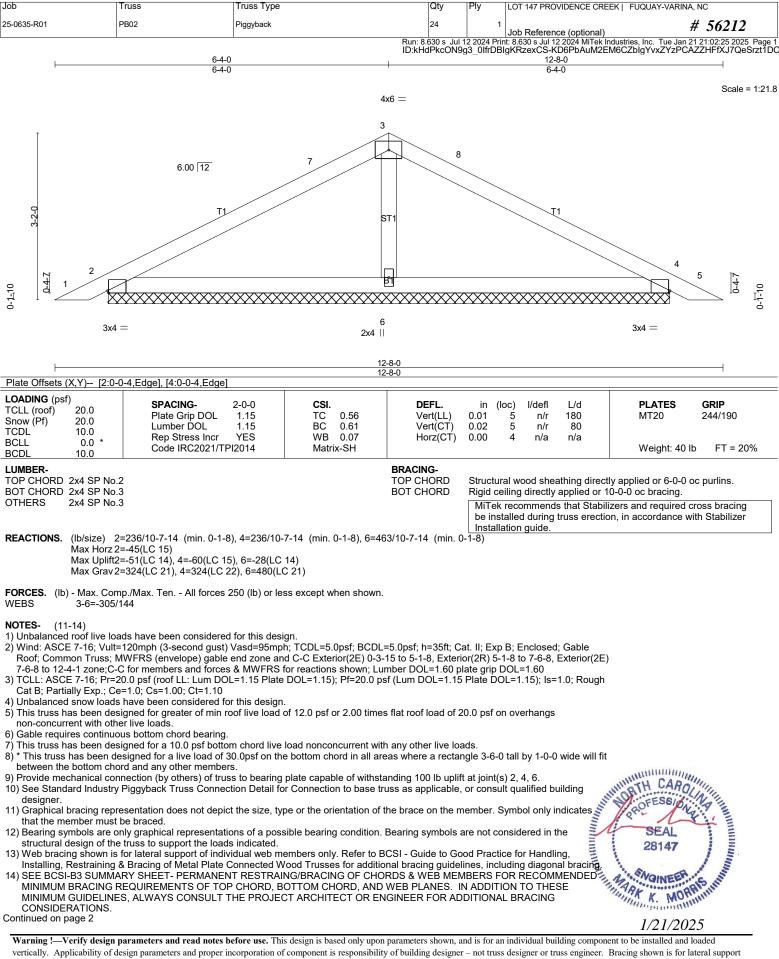
ID:kHdPkcON9g3_0lfrDBlgKRzexCS-KD6PbAuM2EM6CZblgYvxZYzVIAgcHGpXJ7QeSrzt1DC 13) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 14) Bearing symbols are only graphical representations of 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 Trustees 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



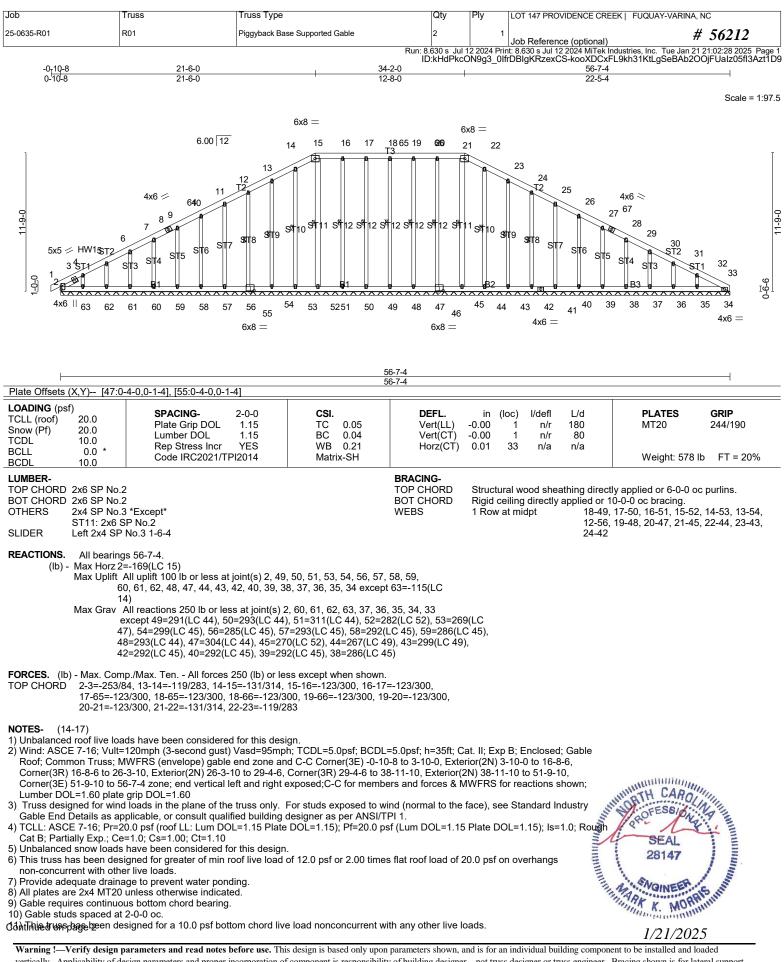


vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction 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.

Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQUAY-VARIN	A, NC		
25-0635-R01	PB02	Piggyback	24	1	Job Reference (optional)	# 56212		
	Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 Mile Hudustries, Inc. Tue Jan 21 21:02:26 2025 Page 2 ID:kHdPkcON9g3_0lfrDBlgKRzexCS-oQgnpWv_pYUzpjAUEFQA5lWayavo0ivhYnAB_Hzt1DB							

LOAD CASE(S) Standard





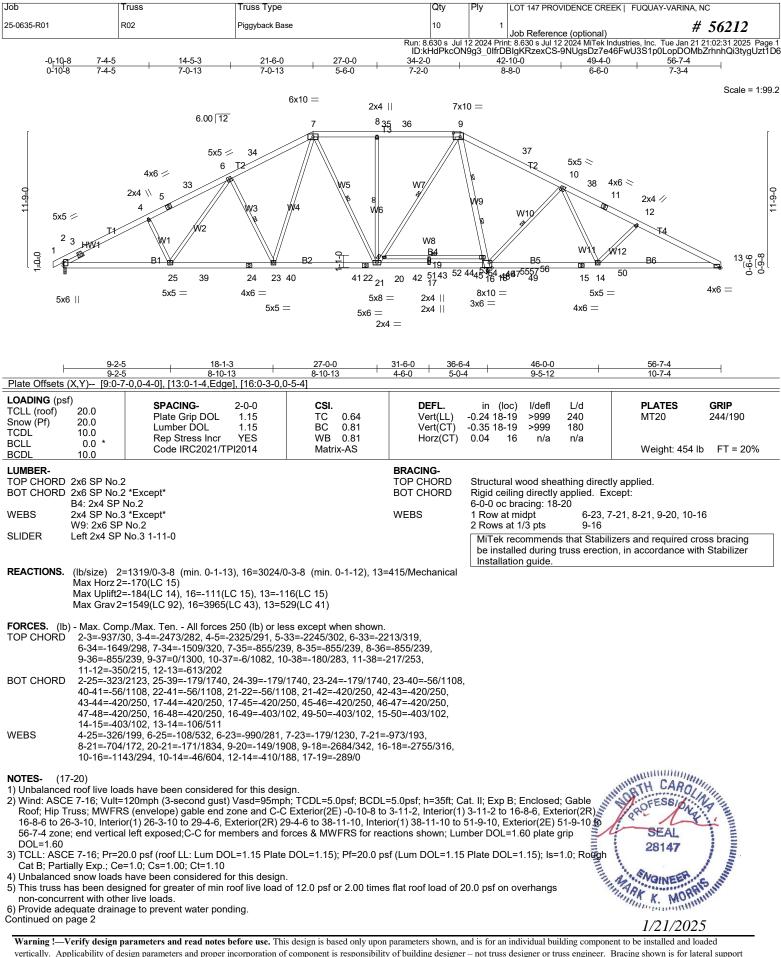
Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQUA	Y-VARINA, NC		
25-0635-R01	R01	Piggyback Base Supported Gable	2	1	Job Reference (optional)	# 56212		
	Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 Mint: 8.630 s Jul 2							

NOTES- (14-17)

- 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.
- 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 49, 50, 51, 53, 54, 56, 57, 58, 59, 60, 61, 62, 48, 47, 44, 43, 42, 40, 39, 38, 37, 36, 35, 34 except (jt=lb) 63=115.
 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.
- 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.
 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.
- 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





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.

Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQUAY-VARINA, NO	
25-0635-R01	R02	Piggyback Base	10	1	Job Reference (optional) #	56212
					it: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21 BIgKRzexCS-9NUgsDz7e46FwU3S1p0LopDOMbZ	

NOTES-(17-20)

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

8)* 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.

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

10) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=184, 16=111, 13=116.

12) Load case(s) 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

13) MULTIPLE LOADCASES - This design is the composite result of multiple load cases.

14) User moving load cases exist: Review the load cases for details.

15) 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

16) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

17) 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. 18) 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

19) 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.

20) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRĂCINĞ 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 Except:

86) 1st User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-60(F), 7-9=-60(F), 9-13=-60(F), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb)

Vert: 21=-150 42=-150

87) 2nd User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf) Vert: 1-7=-60(F), 7-9=-60(F), 9-13=-60(F), 26-30=-20(F), 18-20=-20(F)

Concentrated Loads (lb) Vert: 42=-150 44=-150

88) 3rd User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-7=-60(F), 7-9=-60(F), 9-13=-60(F), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb)

Vert: 44=-150 45=-150

89) 4th User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf) Vert: 1-7=-60(F), 7-9=-60(F), 9-13=-60(F), 26-30=-20(F), 18-20=-20(F)

Concentrated Loads (lb)

Vert: 45=-150 47=-150

90) 5th User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-7=-60(F), 7-9=-60(F), 9-13=-60(F), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb)

Vert: 16=-150 46=-150

91) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)

Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)

Concentrated Loads (lb)

Vert: 21=-150 42=-150

92) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)

Vert: 1-5=-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb)

Vert: 21=-150 42=-150

93) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)

Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb)

Vert: 21=-150 42=-150

94) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)

Vert: 1-5-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb) Vert: 21=-150 42=-150

95) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)

Concentrated Loads (lb)

Vert: 21=-150 42=-150

96) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15



1/21/2025

Continued on page 3

Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK F	FUQUAY-VARINA, NC
25-0635-R01	R02	Piggyback Base	10	1	Job Reference (optional)	# 56212
		Run: 8	.630 s Jul 1	2 2024 Prir	nt: 8.630 s Jul 12 2024 MiTek Industrie	es, Inc. Tue Jan 21 21:02:31 2025 Page 3

ID:kHdPkcON9g3_0lfrDBlgKRzexCS-9NUgsDz7e46FwU3S1p0LopDOMbZrhnhQi3tygUzt1D6

1/21/2025

Uniform Loads (plf)
Vert: 1-5=-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F)
Concentrated Loads (lb) Vert: 21=-150 42=-150
97) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb)
Vert: 21=-150 42=-150
98) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf) Vert: 1-5=-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F)
Concentrated Loads (lb)
Vert: 21=-150 42=-150 99) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)
Concentrated Loads (lb) Vert: 21=-150 42=-150
100) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf) Vert: 1-5=-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F)
Concentrated Loads (lb)
Vert: 21=-150 42=-150
101) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)
Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)
Concentrated Loads (lb) Vert: 21=-150 42=-150
102) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15
Vert: 1-5=-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb)
Vert: 21=-150 42=-150
103) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)
Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)
Concentrated Loads (lb)
Vert: 21=-150 42=-150 104) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-5=-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb)
Vert: 21=-150 42=-150
105) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)
Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)
Concentrated Loads (Ib)
Vert: 21=-150 42=-150 106) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-5=-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb)
Vert: 21=-150 42=-150
107) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)
Concentrated Loads (Ib)
Vert: 21=-150 42=-150 108) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-5=-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F)
Concentrated Loads (lb) Vert: 21=-150 42=-150
109) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)
Concentrated Loads (lb)
Vert: 21=-150 42=-150
Vert: 1-5=-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb) Vert: 21=-150 42=-150 109) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb) Vert: 21=-150 42=-150 110) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 21=-150 42=-150 110) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) 28147
Vert: 1-5=-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F)
Concentrated Loads (lb) Vert: 21=-150 42=-150
Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F) Concentrated Loads (lb) Vert: 21=-150 42=-150 110) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-5=-60(F=-20), 5-7=-101(F=-20), 7-9=-32(F=-20), 9-11=-101(F=-20), 11-13=-60(F=-20), 26-30=-20(F), 18-20=-20(F) Vert: 21=-150 42=-150 Continued on page 4
Market K. Monthe
Continued on page 4

Continued on page 4

LOAD CASE(S)

Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDEN	CE CREEK FUQUA	
5-0635-R01	R02	Piggyback Base	10	1	Job Reference (op	tional)	# 56212
	1	1			int: 8.630 s Jul 12 2024	MiTek Industries, Inc.	Tue Jan 21 21:02:31 2025 Page 0LopDOMbZrhnhQi3tygUzt1D
			.2.11 101 1001	- 30_0111	g20x00-01409		
LOAD CASE(S) 111) 7th Unbal.1st Use	er Defined Moving Load - Dea	d + Snow (balanced)-Parallel: Lum	ber Increase=1.15,	Plate Inc	crease=1.15		
Uniform Loads (p		0 12- 22/E- 20) 26 20- 20/E) 19	20- 20(E)				
Concentrated Loa		9-13=-32(F=-20), 26-30=-20(F), 18	5-2020(F)				
	-150 42=-150 Pr Defined Moving Load - Dear	d + Snow (balanced)-Parallel: Lum	her Increase=1 15	Plate Inc	rease=1 15		
Uniform Loads (p	lf)						
Vert: 1-5= Concentrated Loa		7-9=-32(F=-20), 9-11=-101(F=-20)	, 11-13=-60(F=-20),	, 26-30=	-20(F), 18-20=-20(F)	
Vert: 21=-	150 42=-150		h				
Uniform Loads (pl		d + Snow (balanced)-Parallel: Lum	ber increase=1.15,	Plate Inc	crease=1.15		
		9-13=-32(F=-20), 26-30=-20(F), 18	3-20=-20(F)				
Concentrated Loa Vert: 21=-	-150 42=-150						
114) 8th Unbal.1st Use Uniform Loads (p		d + Snow (balanced)-Parallel: Lum	ber Increase=1.15,	Plate Inc	crease=1.15		
Vert: 1-5=	-60(F=-20), 5-7=-101(F=-20),	7-9=-32(F=-20), 9-11=-101(F=-20)	, 11-13=-60(F=-20)	, 26-30=	-20(F), 18-20=-20(F)	
Concentrated Loa	ads (lb) -150 42=-150						
115) 7th Unbal.1st Use	er Defined Moving Load - Dead	d + Snow (balanced)-Parallel: Lum	ber Increase=1.15,	Plate Inc	crease=1.15		
Uniform Loads (pl Vert [.] 1-7=		9-13=-32(F=-20), 26-30=-20(F), 18	3-20=-20(F)				
Concentrated Loa	ads (lb)		20 20(.)				
	-150 42=-150 er Defined Moving Load - Deae	d + Snow (balanced)-Parallel: Lum	ber Increase=1.15.	Plate Inc	crease=1.15		
Uniform Loads (p	lf)	· · ·				-	
Concentrated Loa		7-9=-32(F=-20), 9-11=-101(F=-20)	, 11-13=-60(F=-20),	, 26-30=	-20(F), 18-20=-20(F)	
	150 42=-150 The Defined Mewing Load Deer	d + Snow (balanced)-Parallel: Lum	har Ingraaga-1 15	Diata Inc	roco-1 15		
Uniform Loads (pl			ber increase - 1.15,		clease-1.15		
Vert: 1-7= Concentrated Loa		9-13=-32(F=-20), 26-30=-20(F), 18	3-20=-20(F)				
Vert: 21=-	150 42=-150						
118) 8th Unbal.1st Use Uniform Loads (pl		d + Snow (balanced)-Parallel: Lum	ber Increase=1.15,	Plate Inc	crease=1.15		
Vert: 1-5=	-60(F=-20), 5-7=-101(F=-20),	7-9=-32(F=-20), 9-11=-101(F=-20)	, 11-13=-60(F=-20)	, 26-30=	-20(F), 18-20=-20(F)	
Concentrated Loa Vert: 21=-	ads (lb) -150 42=-150						
119) 7th Unbal.1st Use	er Defined Moving Load - Dead	d + Snow (balanced)-Parallel: Lum	ber Increase=1.15,	Plate Inc	crease=1.15		
Uniform Loads (p Vert: 1-7=		9-13=-32(F=-20), 26-30=-20(F), 18	3-20=-20(F)				
Concentrated Loa	ads (lb) -150 42=-150		. ,				
120) 8th Unbal.1st Use	er Defined Moving Load - Dead	d + Snow (balanced)-Parallel: Lum	ber Increase=1.15,	Plate Inc	crease=1.15		
Uniform Loads (p		7-9=-32(F=-20), 9-11=-101(F=-20)	11-13=-60(F=-20)	26-30-	-20(E) 18-20=-20(E)	
Concentrated Loa	ads (lb)	7-332(120), 3-11101(120)	, 11-1000(120),	, 20-30-	-20(1), 10-2020(•)	
	-150 42=-150 er Defined Moving Load - Dea	d + Snow (balanced)-Parallel: Lum	ber Increase=1 15	Plate Inc	crease=1 15		
Uniform Loads (p	lf)	· · ·					
Vert: 1-7= Concentrated Loa		9-13=-32(F=-20), 26-30=-20(F), 18	3-20=-20(F)				
	-150 42=-150	d - Cnow (holonood) Dorollol: Lum	har Ingrada 1 15	Diata Inc			
Uniform Loads (pl		d + Snow (balanced)-Parallel: Lum	ber increase=1.15,	Plate Inc	srease-1.15		
Vert: 1-5= Concentrated Loa		7-9=-32(F=-20), 9-11=-101(F=-20)	, 11-13=-60(F=-20),	, 26-30=	-20(F), 18-20=-20(F)	
Vert: 21=-	150 42=-150						
123) 7th Unbal.1st Use Uniform Loads (pl		d + Snow (balanced)-Parallel: Lum	ber Increase=1.15,	Plate Inc	crease=1.15		
Vert: 1-7=	-32(F=-20), 7-9=-101(F=-20),	9-13=-32(F=-20), 26-30=-20(F), 18	3-20=-20(F)				
Concentrated Loa Vert: 21=-	ads (lb) -150 42=-150					MILLIN	CA SHILL
124) 8th Unbal.1st Use	er Defined Moving Load - Dea	d + Snow (balanced)-Parallel: Lum	ber Increase=1.15,	Plate Inc	crease=1.15	F) UNITED THE SECTION OF THE SECTION	CAHOLINI
Uniform Loads (pl Vert: 1-5=		7-9=-32(F=-20), 9-11=-101(F=-20)	, 11-13=-60(F=-20).	, 26-30=	-20(F), 18-20=-20(F)	EAL BIA7 MORES
Concentrated Loa	ads (lb)	(- , , - · · · · · · · · · · · · · · · ·			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IIII	FAL
	-150 42=-150 er Defined Moving Load - Dea	d + Snow (balanced)-Parallel: Lum	ber Increase=1.15,	Plate Inc	crease=1.15	28	147
Uniform Loads (p	lf)	· · ·				11111	
Concentrated Loa	ads (lb)	9-13=-32(F=-20), 26-30=-20(F), 18	J-∠U∠U(Γ)			TH AS SNO	INEER C N
Vert: 21=-	150 42=-150					MARK Y	MORRININ
						"Interna	. In alles

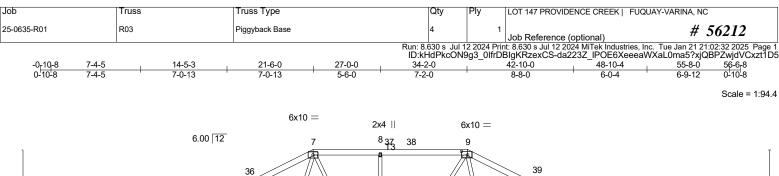
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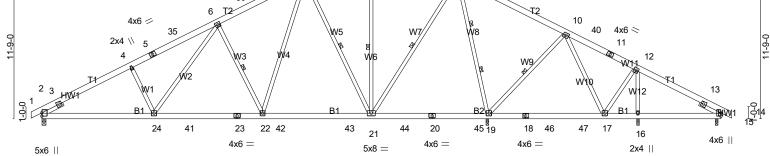
Warning !—Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – 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 Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

1/21/2025

ob	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQ	JAY-VARINA, NC
5-0635-R01	R02	Piggyback Base	10		1	# 56212
			Run: 8.630 s. Ju	 12 2024 F	Job Reference (optional) Print: 8.630 s Jul 12 2024 MiTek Industries, Ir	
			ID:kHdPkcC	N9g3_0lf	rDBlgKRzexCS-9NUgsDz7e46FwU3S	1p0LopDOMbZrhnhQi3tygUzt
_OAD CASE(S)						
	User Defined Moving L	.oad - Dead + Snow (balanced)-Parallel: I	umber Increase=1.15	5, Plate li	ncrease=1.15	
Uniform Load	(i)	· · · · · · · · · · · · · · · · · · ·				
		01(F=-20), 7-9=-32(F=-20), 9-11=-101(F=	-20), 11-13=-60(F=-2	0), 26-30	=-20(F), 18-20=-20(F)	
Concentrated	21=-150 42=-150					
		.oad - Dead + Snow (balanced)-Parallel: I	umber Increase=1.1	5, Plate li	ncrease=1.15	
Uniform Load		· · · · · · · · · · · · · · · · · · ·				
		01(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)			
Concentrated	21=-150 42=-150					
		.oad - Dead + Snow (balanced)-Parallel: I	umber Increase=1.1	5, Plate li	ncrease=1.15	
Uniform Load		· · · · · · · · · · · · · · · · · · ·				
		01(F=-20), 7-9=-32(F=-20), 9-11=-101(F=	-20), 11-13=-60(F=-2	0), 26-30	=-20(F), 18-20=-20(F)	
Concentrated	21=-150 42=-150					
		.oad - Dead + Snow (balanced)-Parallel: I	umber Increase=1.1	5. Plate li	ncrease=1.15	
Uniform Load	s (plf)	х, , , , , , , , , , , , , , , , , , ,		<i>.</i>		
	(<i>//</i>	01(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)			
Concentrated	Loads (Ib) 21=-150 42=-150					
		.oad - Dead + Snow (balanced)-Parallel: I	umber Increase=1.1	5, Plate li	ncrease=1.15	
Uniform Load		, , , , , , , , , , , , , , , , , , ,		<i>.</i>		
		01(F=-20), 7-9=-32(F=-20), 9-11=-101(F=	-20), 11-13=-60(F=-2	0), 26-30	=-20(F), 18-20=-20(F)	
Concentrated	Loads (Ib) 21=-150 42=-150					
		.oad - Dead + Snow (balanced)-Parallel: I	umber Increase=1.1	5. Plate li	ncrease=1.15	
Uniform Load		(, , , , , , , , , , , , , , , , , , ,		,		
		01(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)			
Concentrated	Loads (Ib) 21=-150 42=-150					
		.oad - Dead + Snow (balanced)-Parallel: I	umber Increase=1.1	5. Plate li	ncrease=1.15	
Uniform Load	s (plf)	х, , , , , , , , , , , , , , , , , , ,				
		01(F=-20), 7-9=-32(F=-20), 9-11=-101(F=	-20), 11-13=-60(F=-2	0), 26-30	=-20(F), 18-20=-20(F)	
Concentrated	21=-150 42=-150					
		.oad - Dead + Snow (balanced)-Parallel: I	umber Increase=1.1	5, Plate li	ncrease=1.15	
Uniform Load	s (plf)	х, , , , , , , , , , , , , , , , , , ,				
		01(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)			
Concentrated	21=-150 42=-150					
		.oad - Dead + Snow (balanced)-Parallel: I	umber Increase=1.1	5, Plate li	ncrease=1.15	
Uniform Load		· · · · · · · · · · · · · · · · · · ·				
Vert: Concentrated		01(F=-20), 7-9=-32(F=-20), 9-11=-101(F=	-20), 11-13=-60(F=-2	0), 26-30	=-20(F), 18-20=-20(F)	
	21=-150 42=-150					
		.oad - Dead + Snow (balanced)-Parallel: I	umber Increase=1.1	5, Plate li	ncrease=1.15	
Uniform Load						
Vert: Concentrated		01(F=-20), 9-13=-32(F=-20), 26-30=-20(F), 18-20=-20(F)			
	21=-150 42=-150					
		.oad - Dead + Snow (balanced)-Parallel: I	umber Increase=1.1	5, Plate li	ncrease=1.15	
Uniform Load			00) 44 40 00/5 0			
Vert: Concentrated		01(F=-20), 7-9=-32(F=-20), 9-11=-101(F=	-20), 11-13=-60(F=-2	J), 26-30	=-20(F), 18-20=-20(F)	
	21=-150 42=-150					







Continued on page 2

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1/21/2025

Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQ	JAY-VARINA, NC
25-0635-R01	R03	Piggyback Base	4	1	Job Reference (optional)	# 56212
		F			t: 8.630 s Jul 12 2024 MiTek Industries, In BIgKRzexCS-da223Z IPOE6XeeeaV	

NOTES- (12-15)

9) * 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.

10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16 except (jt=lb) 2=195, 19=163, 14=103.

11) 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.

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.

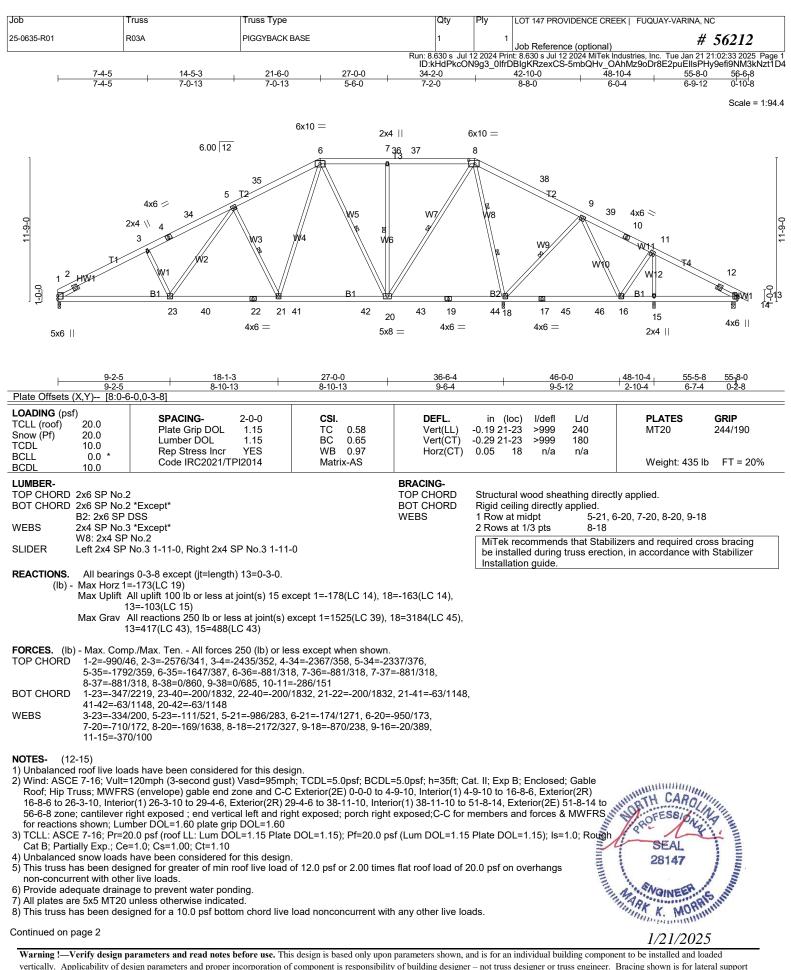
13) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

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





Continued on page 2

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1/21/2025

Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQUAY-VARINA, NC		
25-0635-R01	R03A	PIGGYBACK BASE	1	1	Job Reference (optional) # 56212	i	
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 22024 Print: 8.630 s Jul 22024 Mich Idustries, Inc. Tue Jan 21 21:02:33 2025 Page 2 ID:kHdPkcON9g3 0lfrDBlqKRzexCS-5mbQHv OAhMz9oDr8E2puEllsPHy9efi9NM3kNzt1D4							

NOTES- (12-15)

9) * 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.

10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 15 except (jt=lb) 1=178, 18=163, 13=103.

11) 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.

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.

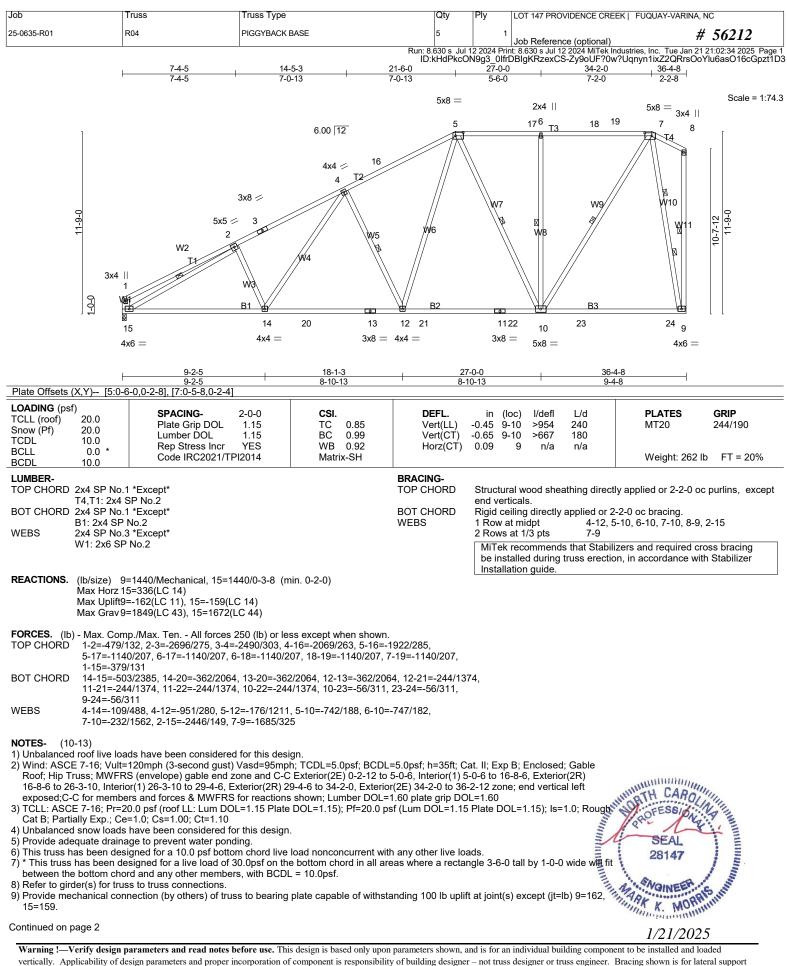
13) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

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 147 PROVIDENCE CREEK FUQUA	Y-VARINA, NC
25-0635-R01	R04	PIGGYBACK BASE	5	1	Job Reference (optional)	# 56212
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21:02:34 2025 Page						

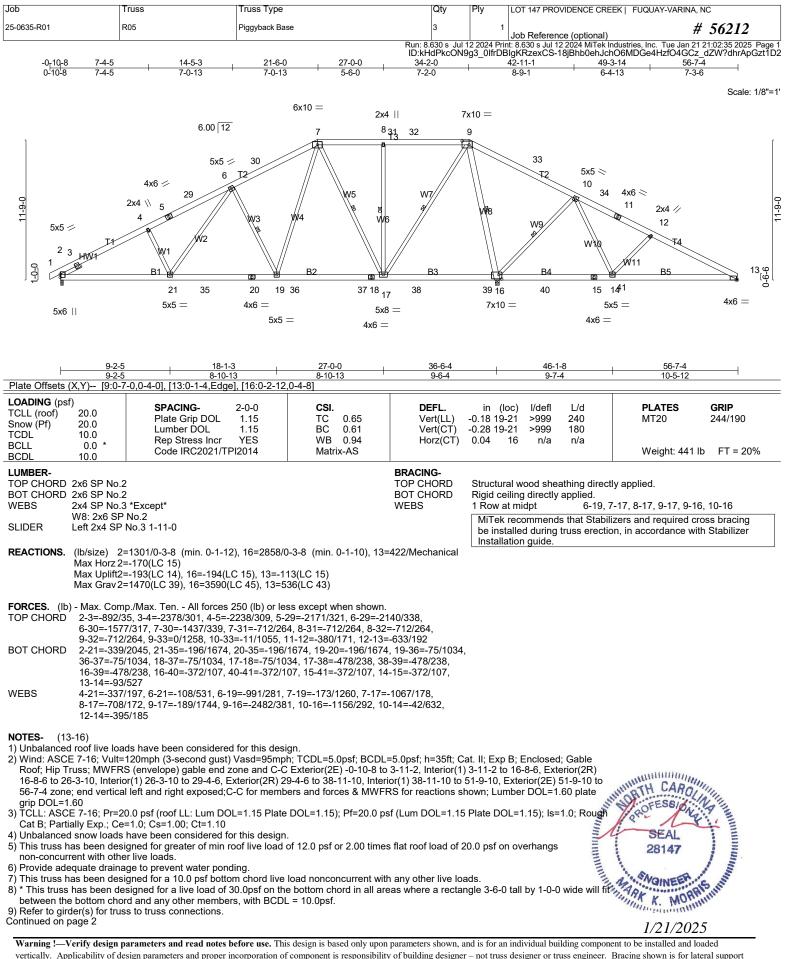
ID:kHdPkcON9g3_0lfrDBlgKRzexCS-Zy9oUF?0w?Uqnyn1ixZ2QRrsOoYlu6asO16cGpzt1D3 10) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 11) Bearing symbols are only graphical representations of 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





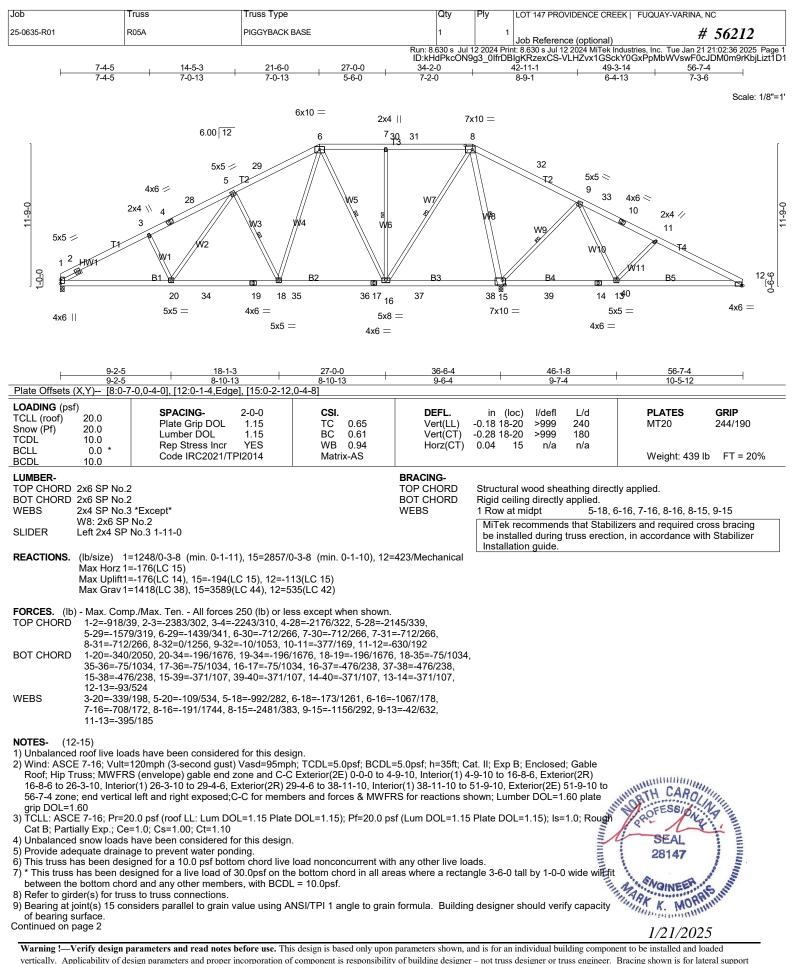
Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQUA	AY-VARINA, NC
25-0635-R01	R05	Piggyback Base	3	1	Job Reference (optional)	# 56212
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21:02:35 2025 Page 2 ID:kHdPkcON9g3_0lfrDBlgKRzexCS-18jBhb0ehJchO6MDGe4HzfO4GCz_dZW?dhrApGzt1D2						

NOTES- (13-16)

- 10) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=193, 16=194, 13=113. 12) 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.
 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 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.
- 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.

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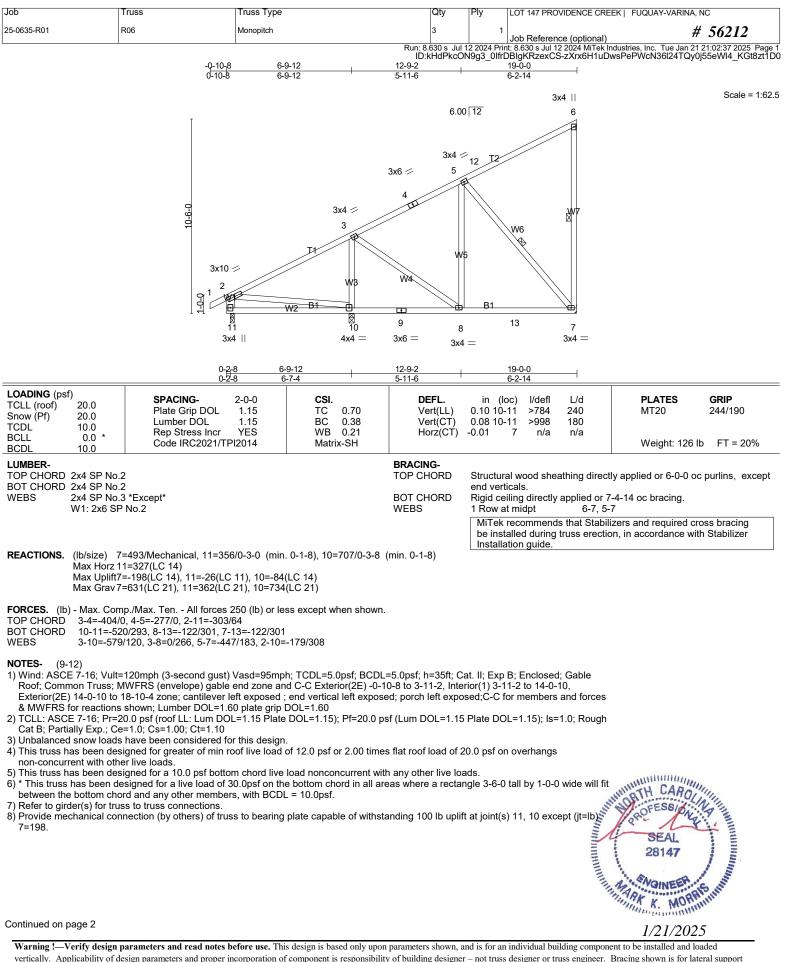
Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQUAY	Y-VARINA, NC
25-0635-R01	R05A	PIGGYBACK BASE	1	1	Job Reference (optional)	# 56212
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21:02:36 2025 Page 2						

NOTES- (12-15)

- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=176, 15=194, 12=113.
- 11) 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.
- 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





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Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQUAY	-VARINA, NC
25-0635-R01	R06	Monopitch	3	1	Job Reference (optional)	# 56212
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21:02:37 2025 Page 2						

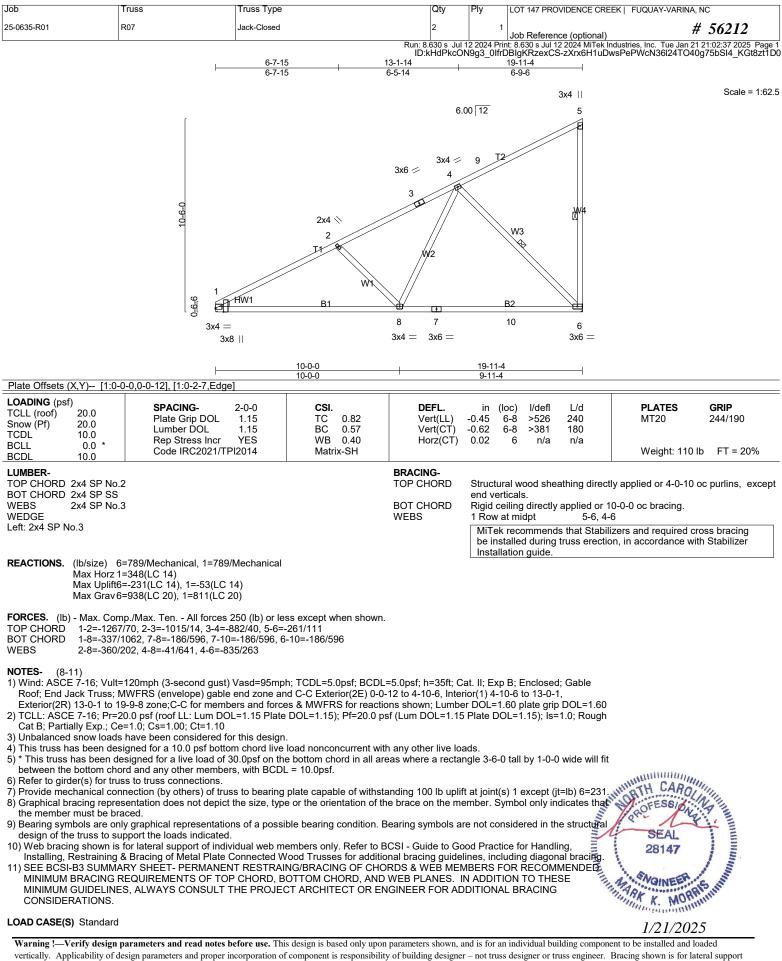
ID:KHdPkcON93_0lfrD8lgkRzexCS-zXrx6H1uMusPePWcN36l24TQv0j55eWl4_KGt8zt1D0 9) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 10) Bearing symbols are not considered in the structural design of the truss to support the

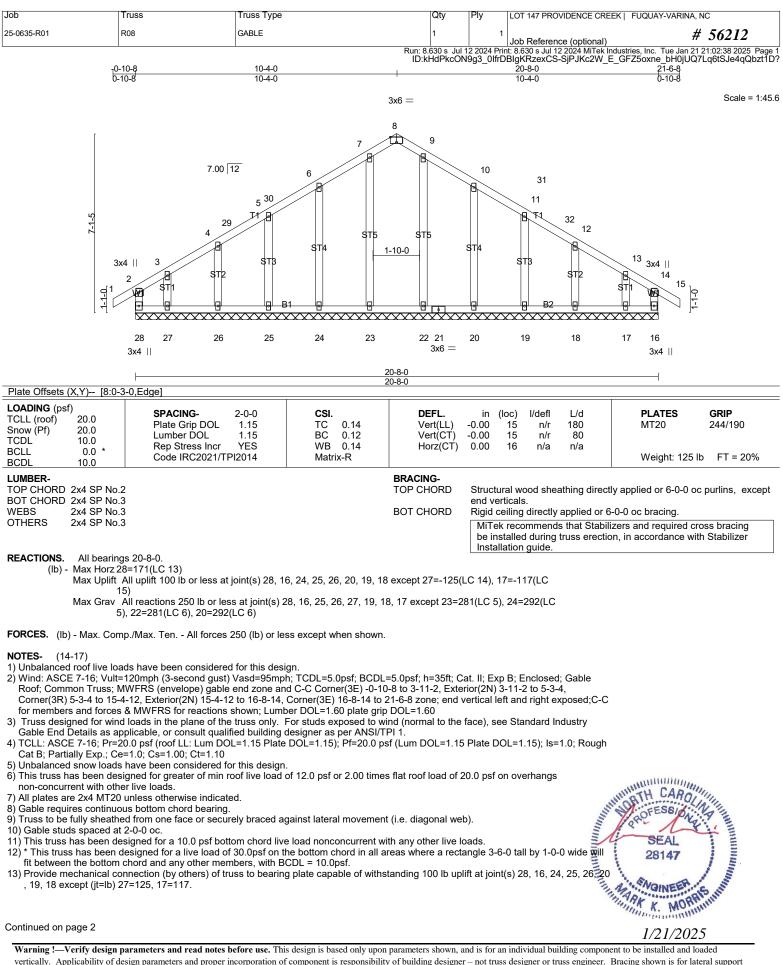
loads indicated. 11) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing

12) 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 147 PROVIDENCE CREEK FUQUA	Y-VARINA, NC
25-0635-R01	R08	GABLE	1	1	Job Reference (optional)	# 56212
		Run:	8.630 s Jul	12 2024 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc.	Tue Jan 21 21:02:38 2025 Page 2

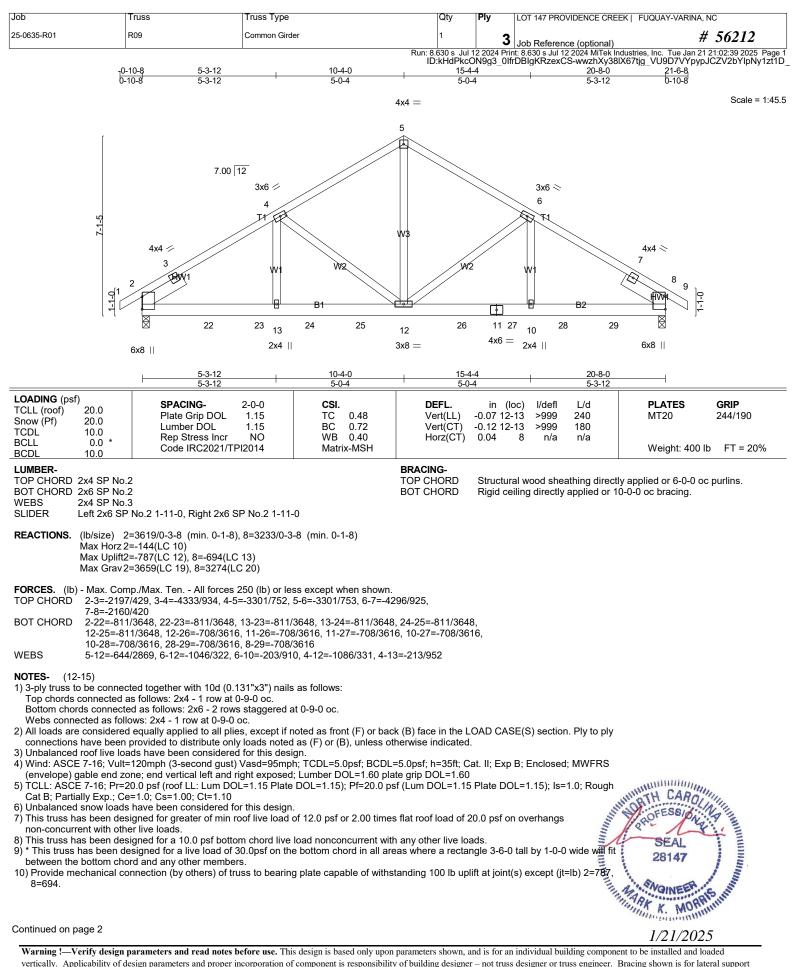
10) KHdPkcON9g3_0lfrDBlgKRzexCS-SjPJKc2W_E_GFZ5oxne_DH0jUQ7Lq6tSJe4qQbzt1D? 14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 15) Bearing symbols are not considered in the structural 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





Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQUAY-VARINA, NC	
25-0635-R01	R09	Common Girder	1	3	Job Reference (optional) # 562	212
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21:02:39 2025 Page 2 ID:kHdPkcON9g3_0IfrDBIgKRzexCS-wwzhXy38IX67tjg_VU9D7VYpypJCZV2bYIpNy1zt1D_						

NOTES- (12-15)

- 11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 513 lb down and 132 lb up at 0-7-4, 509 lb down and 136 lb up at 2-7-4, 509 lb down and 136 lb up at 4-7-4, 509 lb down and 136 lb up at 4-7-4, 509 lb down and 136 lb up at 6-7-4, 509 lb down and 136 lb up at 8-7-4, 509 lb down and 136 lb up at 10-7-4, 509 lb down and 136 lb up at 12-7-4, 509 lb down and 136 lb up at 14-7-4, and 509 lb down and 136 lb up at 16-7-4, and 509 lb down and 136 lb up at 18-7-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 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

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

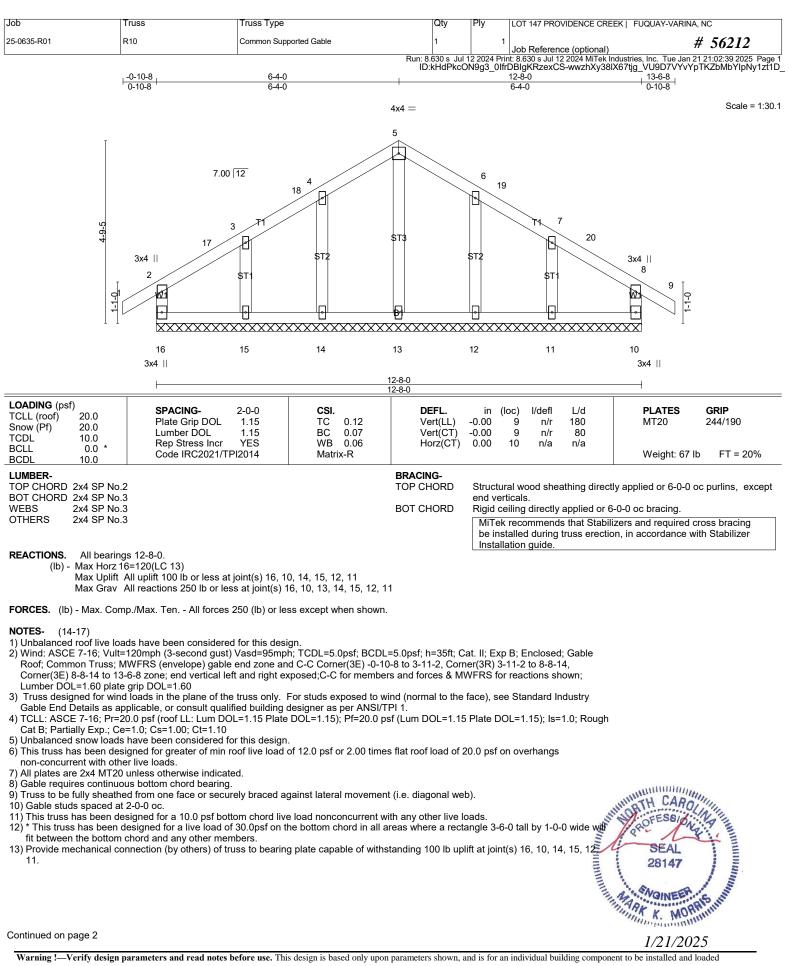
Uniform Loads (plf)

Vert: 1-5=-60, 5-9=-60, 14-18=-20

Concentrated Loads (lb)

Vert: 12=-509(B) 16=-513(B) 22=-509(B) 23=-509(B) 24=-509(B) 25=-509(B) 26=-509(B) 27=-509(B) 28=-509(B) 29=-509(B)





Continued on page 2

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 Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

1/21/2025

Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUG	QUAY-VARINA, NC
25-0635-R01	R10	Common Supported Gable	1	1	Job Reference (optional)	# 56212
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21:02:39 2025 Page 2 ID:kHdPkcON9g3_0IfrDBIgKRzexCS-wwzhXy38IX67tjg_VU9D7VYvYpTKZbMbYIpNy1zt1D_						

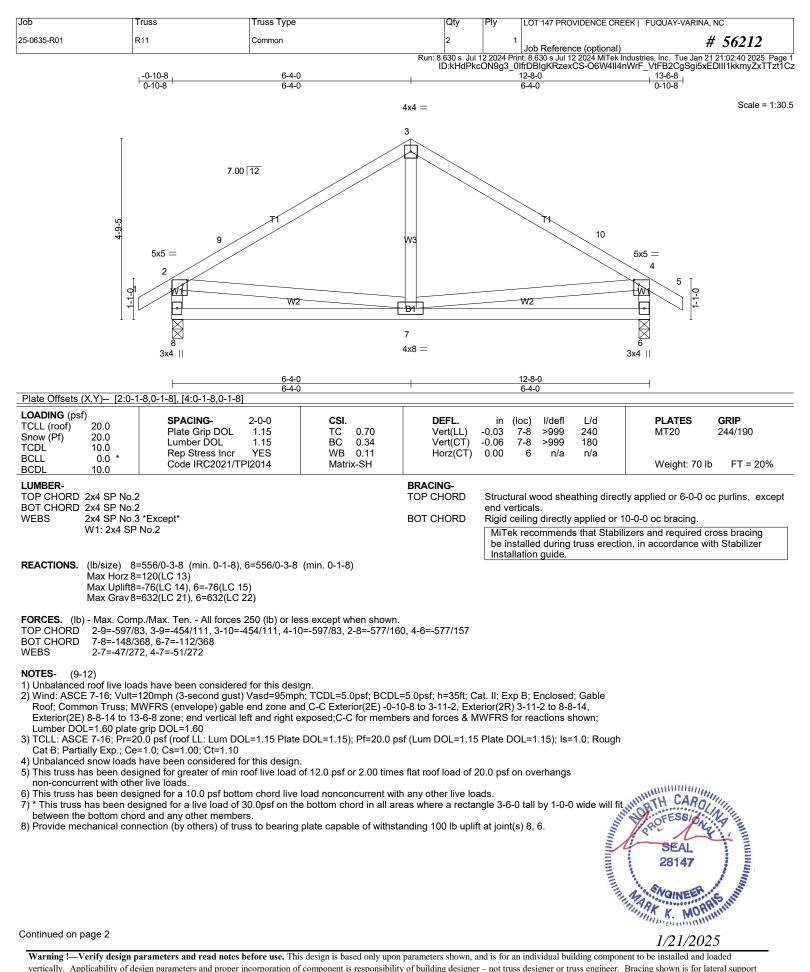
14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 15) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural 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 147 PROVIDENCE CREEK FUQU/	AY-VARINA, NC
25-0635-R01	R11	Common	2	1	Job Reference (optional)	# 56212
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21:02:40 2025 Page 2						

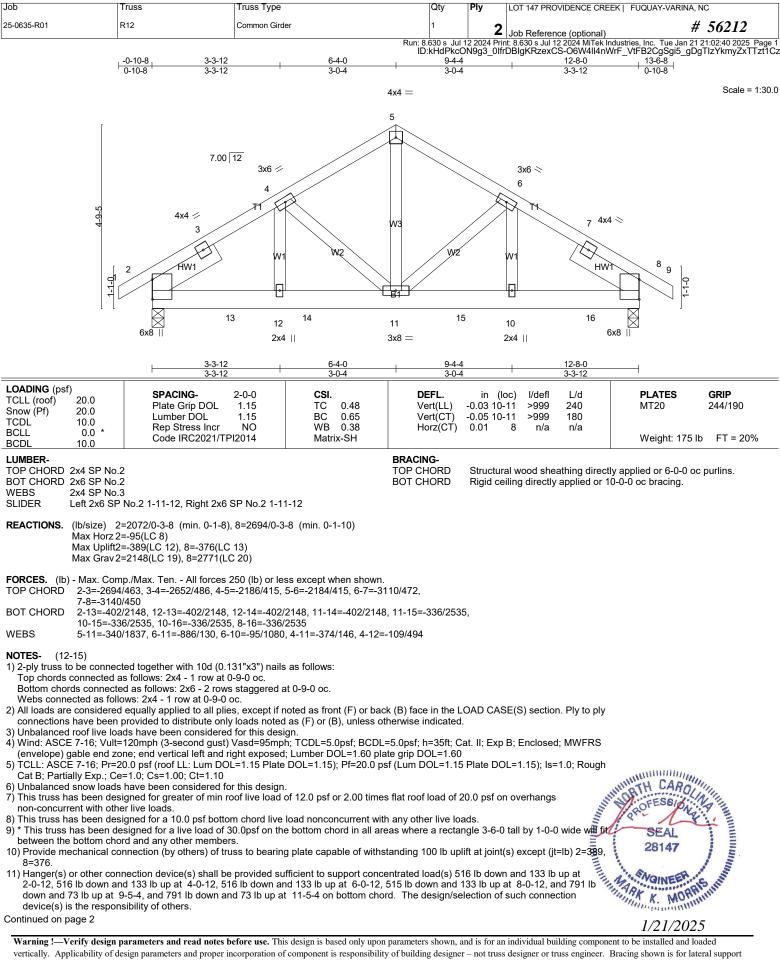
ID:kHdPkcON9g3_0lfrDBlgKRzexCS-O6W4ll4nWrF_VtFB2CgSgi5xEDll11kkmyZxTTzt1Cz 9) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 10) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

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LOAD CASE(S) Standard





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Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQUAY-V	ARINA, NC
25-0635-R01	R12	Common Girder	1	2	Job Reference (optional)	# 56212
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21:02:40 2025 Page 2						

ID:kHdPkcON9g3_0lfrDBlgKRzexCS-06W4ll4nWrF_VtFB2CgSgi5_gDgTlzYkmyZxTTzt1Cz 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.

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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

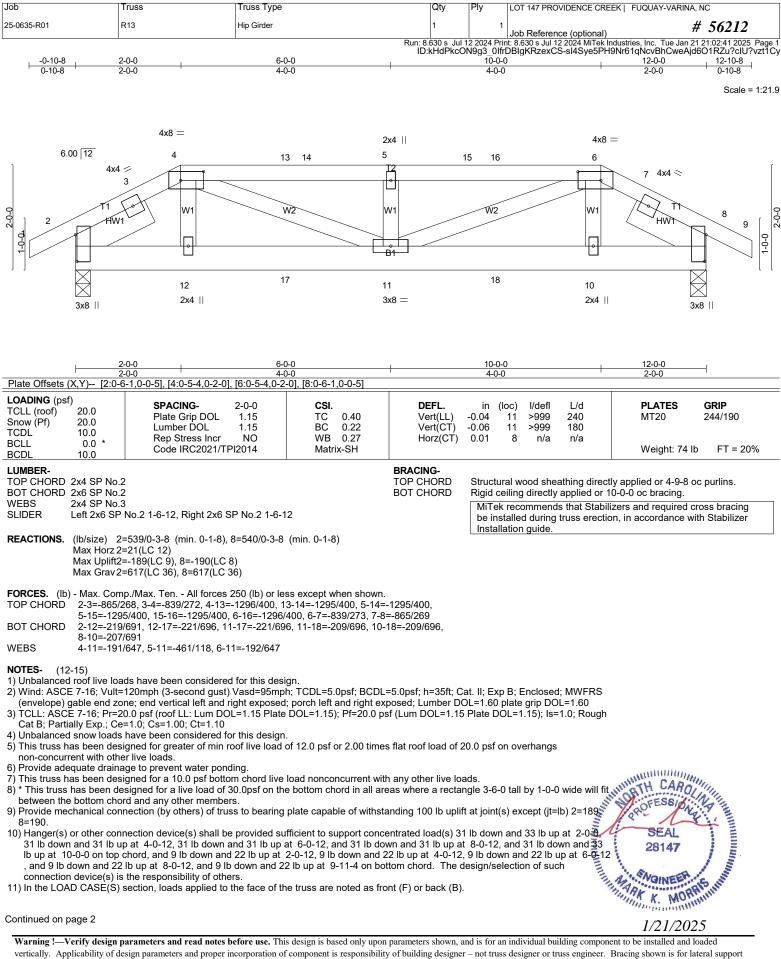
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf) Vert: 1-5=-60, 5-9=-60, 2-8=-20

Concentrated Loads (lb)

Vert: 11=-516(B) 10=-791(B) 13=-516(B) 14=-516(B) 15=-515(B) 16=-791(B)





Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQUAY	-VARINA, NC
25-0635-R01	R13	Hip Girder	1	1	Job Reference (optional)	# 56212
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21:02:41 2025 Page 2						

ID:kHdPkcON9g3_0lfrDBlgKRzexCS-sl4Sye5PH9Nr61qNcvBhCweAjd6O1RZu?clU?vzt1Cy 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.

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LOAD CASE(S) Standard

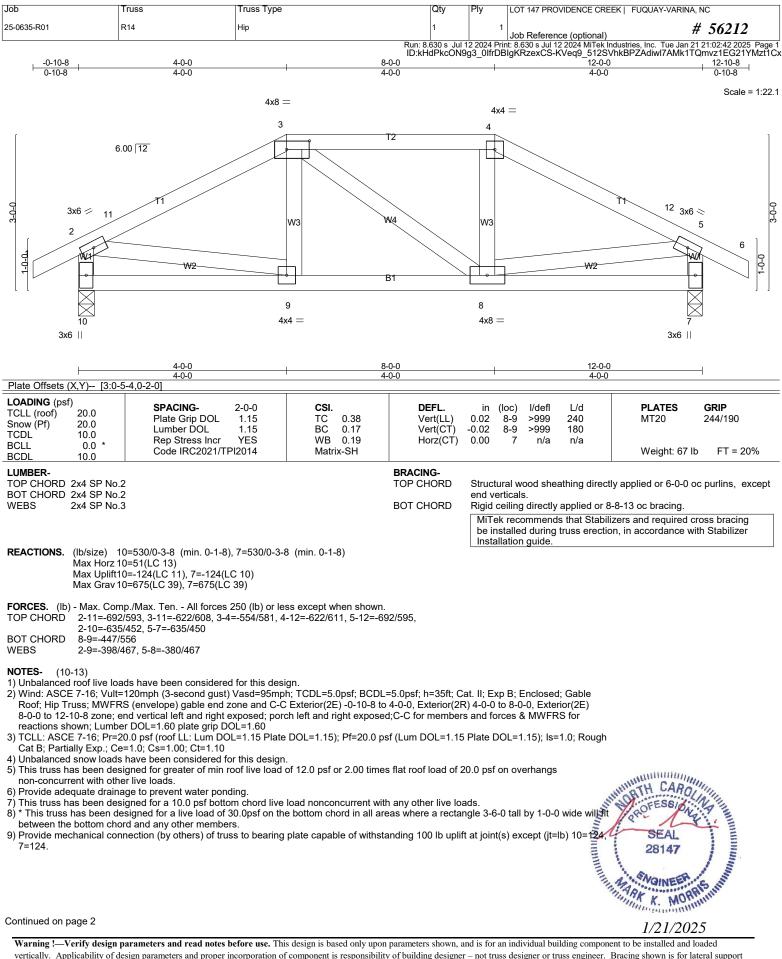
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf) Vert: 1-4=-60, 4-6=-60, 6-9=-60, 2-8=-20

Concentrated Loads (lb)

Vert: 4=-3(B) 6=-3(B) 12=0(B) 11=0(B) 5=-3(B) 10=0(B) 13=-3(B) 16=-3(B) 17=0(B) 18=0(B)





Job	Truss	Truss Type	Qty	Ply	LOT 147 PROVIDENCE CREEK FUQUA	Y-VARINA, NC
25-0635-R01	R14	Нір	1	1	Job Reference (optional)	# 56212
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21:02:42 2025 Page 2						

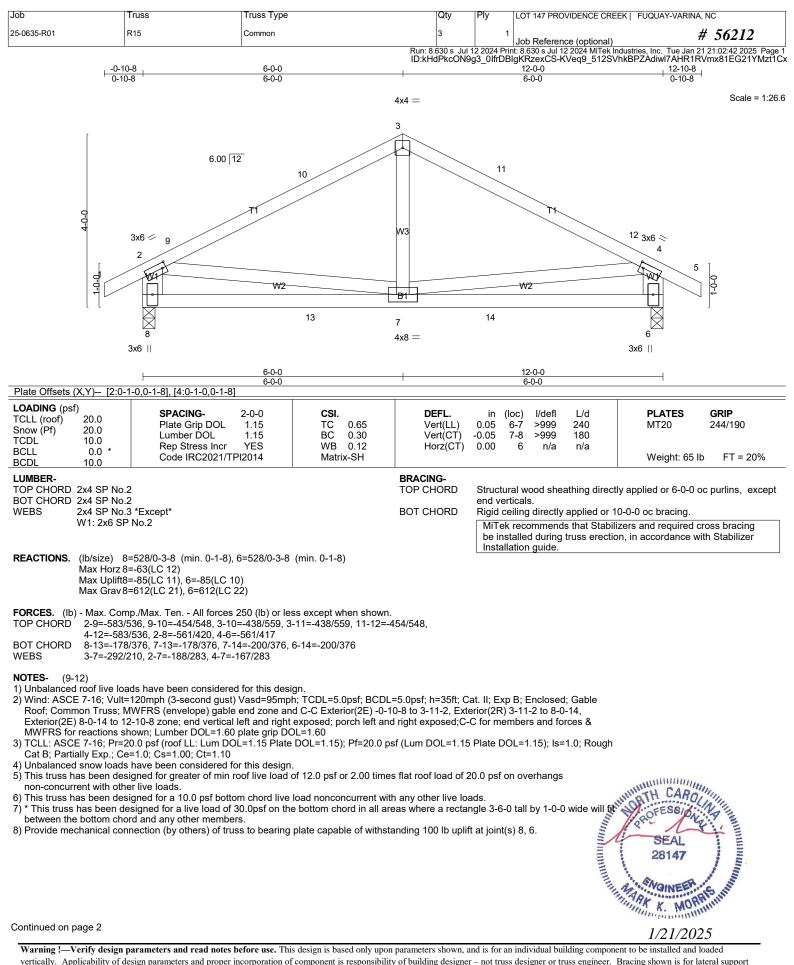
ID:kHdPkcON9g3_0lfrDBlgKRzexCS-KVeq9_512SVhkBPZAdiwl7AMk1TQmvz1EG21YMzt1Cx 10) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 11) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

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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 147 PROVIDENCE CREEK FUQUAY-VARINA, NC	
25-0635-R01	R15	Common	3	1	Job Reference (optional)	# 56212
Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 21 21:02:42 2025 Page 2						

10) Bearing symbols are only graphical 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. 10) Bearing symbols are not considered in the structural design of the truss to support the

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LOAD CASE(S) Standard



