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 #: 39980 JOB: 23-4836-R01 JOB NAME: LOT 19 PROVIDENCE CREEK Wind Code: 37 Wind Speed: Vult= 120mph Exposure Category: B Mean Roof Height (feet): 23 These truss designs comply with IRC 2015 as well as IRC 2018. 33 Truss Design(s)

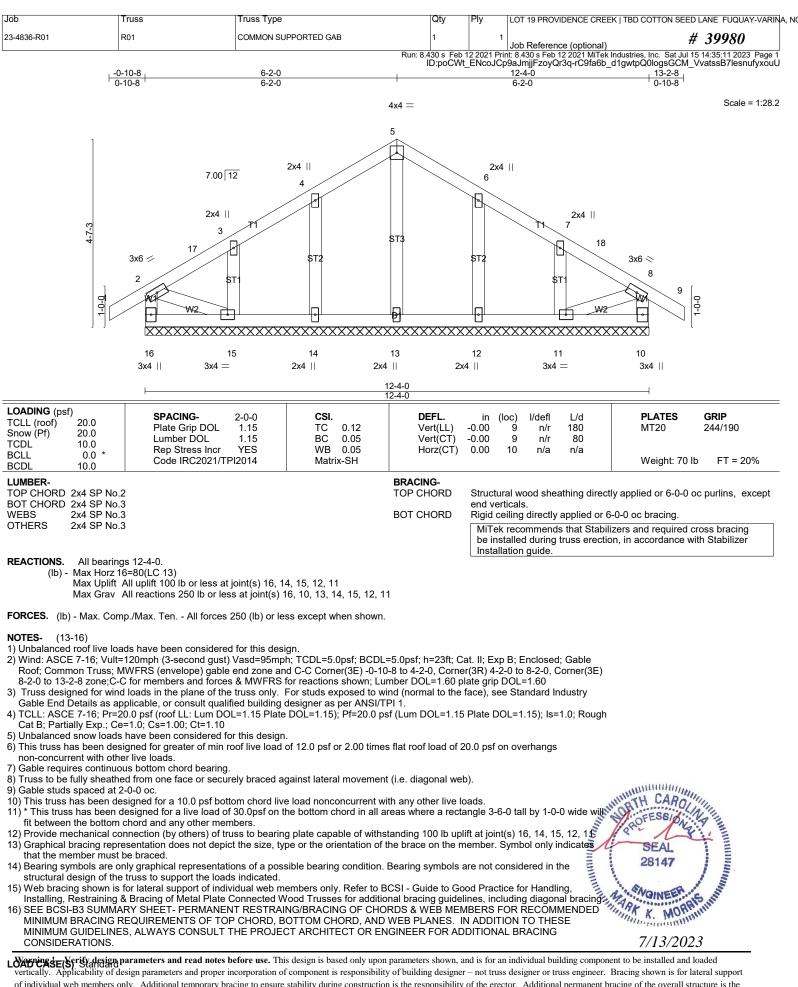
Trusses:

R01, R02, R03, R04, R05, R06, R07, R08, R09, R10, R11, R12, R13, R14, R15, R16, R17, R18, SP01, SP02, SPJ01, SPJ02, SPJ03, SPVT01, VT01, VT02, VT03, VT04, VT05, VT06, VT07, VT08, VT09

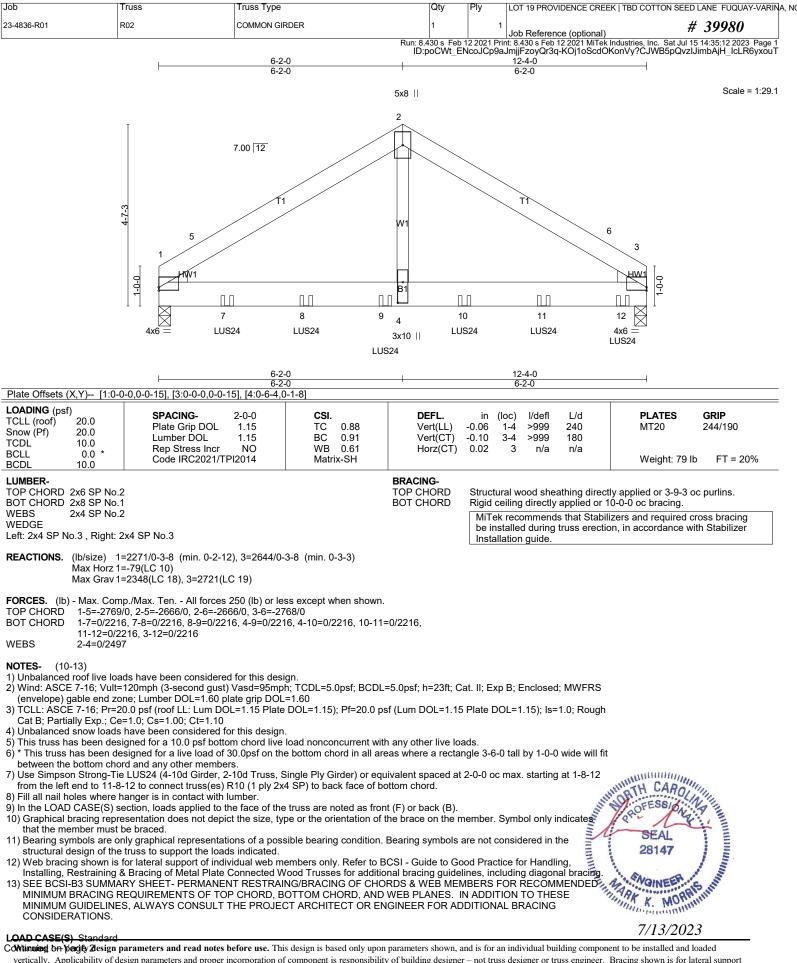


Warning !--- Verify design parameters and read notes before use.

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*



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.



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.

ſ	Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD COTTON SEED LANE FUQUAY-VARINA,
	23-4836-R01	R02	COMMON GIRDER	1	1	Job Reference (optional) # 39980
						nt: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Jul 15 14:35:12 2023 Page 2 JmjjFzoyQr3q-KOj1oScdOKonVy?CJWB5pQvzIJimbAjH_lcLR6yxouT

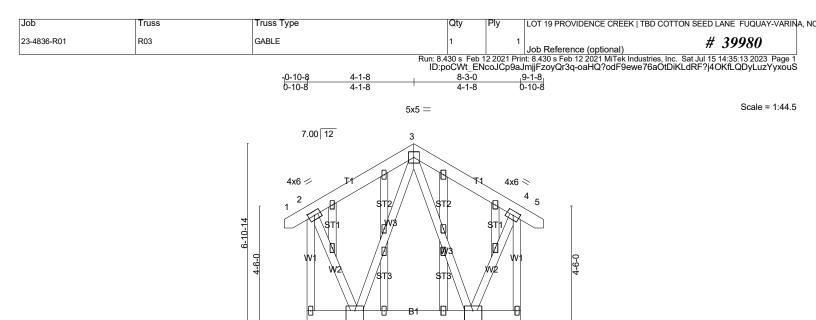
LOAD CASE(S) Standard

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

Uniform Loads (plf) Vert: 1-2=-60, 2-3=-60, 1-3=-20 Concentrated Loads (Ib)

Vert: 7=-658(B) 8=-658(B) 9=-658(B) 10=-658(B) 11=-658(B) 12=-663(B)





Snow (Pf) TCDL BCLL BCDL	20.0 10.0 0.0 * 10.0	Lumber DOL 1.15 Rep Stress Incr NO Code IRC2021/TPI2014	BC 0.82 WB 0.46 Matrix-P	Vert(CT) Horz(CT)	-0.06 8-9 0.00 6	>999	180 n/a	Weight: 111 lb	• FT = 20%
LUMBER-				BRACING-					
	D 2x6 SP No.2 D 2x6 SP No.2			TOP CHORD	Structural end vertica		athing dired	ctly applied or 6-0-0 oc	purlins, except
WEBS	2x4 SP No.3			BOT CHORD	Rigid ceilir	ng directly	applied or	10-0-0 oc bracing.	
OTHERS	2x4 SP No.3							ilizers and required cro	
					be install	ed during	truss erect	ion, in accordance with	n Stabilizer

21

22

DEEL

Vert(II)

4-1-8

8

7x8 =

7-3-0 8-3-0 1-0-0 1-0-0

-0.03

in (loc)

8-9

Installation guide.

l/defl

>999

I/d

240

REACTIONS. All bearings 2-1-8 except (jt=length) 6=1-3-8, 7=0-3-8.

(lb) - Max Horz 10=-55(LC 12)

Max Uplift All uplift 100 lb or less at joint(s) 10 except 6=-107(LC 14), 9=-289(LC 14), 7=-115(LC 15)

Max Grav All reactions 250 lb or less at joint(s) 10 except 6=885(LC 22), 9=2521(LC 21), 9=2472(LC 1), 7=963(LC 22)

УÔ.

7x8 =

9

2-0-0 2-1-8 2-0-0 0-1-8

CSI

TC

0 38

10

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

Plate Offsets (X,Y)-- [2:0-2-14,0-2-0], [4:0-2-14,0-2-0], [8:0-4-0,0-4-12], [9:0-4-0,0-4-12]

2-0-0

1 1 5

SPACING-

Plate Grin DOI

- TOP CHORD 3-4=-419/150, 4-6=-1125/281
- WFBS 3-8=-108/492, 3-9=-544/118, 4-8=-117/785

NOTES-(13-16)

LOADING (psf)

20.0

TCLL (roof)

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

2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; 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) 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. All plates are 2x4 MT20 unless otherwise indicated.

7 All plates are 2x4 M 120 united.
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 e...,
10) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-0-0 united fit between the bottom chord and any other members, with BCDL = 10.0psf.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10 except (jt=lb) 6=107.9=289, 7=115.
11) Provide mechanical connection loads applied to the face of the truss are noted as front (F) or back (B).

OFFS SEAL 28147 VOINE K. MORP minin

PLATES

MT20

GRIP

244/190

7/13/2023

Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD COTTON S	EED LANE FUQUAY-VARIN	a, nc
23-4836-R01	R03	GABLE	1	1	Job Reference (optional)	# 39980	
		Run: 8.4	430 s Feb '	12 2021 Pri	nt: 8.430 s Feb 12 2021 MiTek Industries. Inc. Sat .	Jul 15 14:35:13 2023 Page 2	

ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-oaHQ?odF9ewe76aOtDiKLdRF?j4OKfLQDyLuzYyxouS

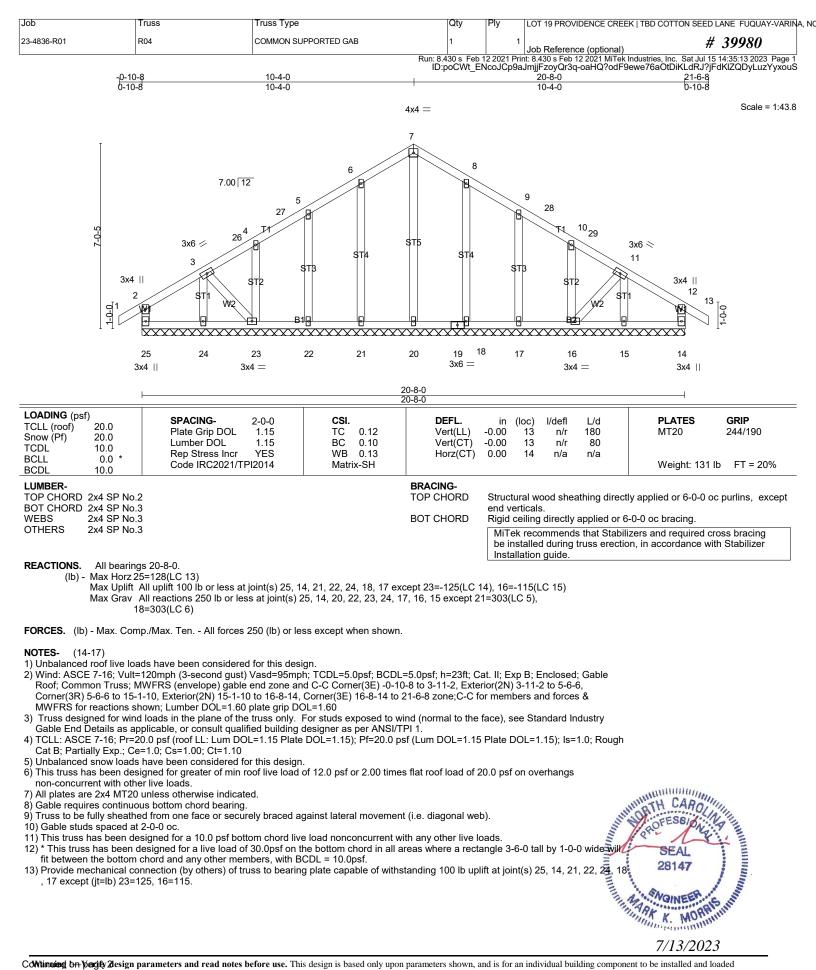
- 13) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 14) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the 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: 1-2=-60, 2-3=-60, 3-4=-60, 4-5=-60, 6-10=-470(F=-450)





Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD COTT	TON SEED LANE FUQUAY-VARINA,
23-4836-R01	R04	COMMON SUPPORTED GAB	1	1	Job Reference (optional)	# 39980
		Run: 8	430 s Feb	12 2021 Pri	nt: 8 430 s Feb 12 2021 MiTek Industries Inc.	Sat Jul 15 14:35:14 2023 Page 2

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Jul 15 14:35:14 2023 Page 2 ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-GmroC8etwy2VkG9bRwDZur_UI7bs3CpZSc5SV_yxouR

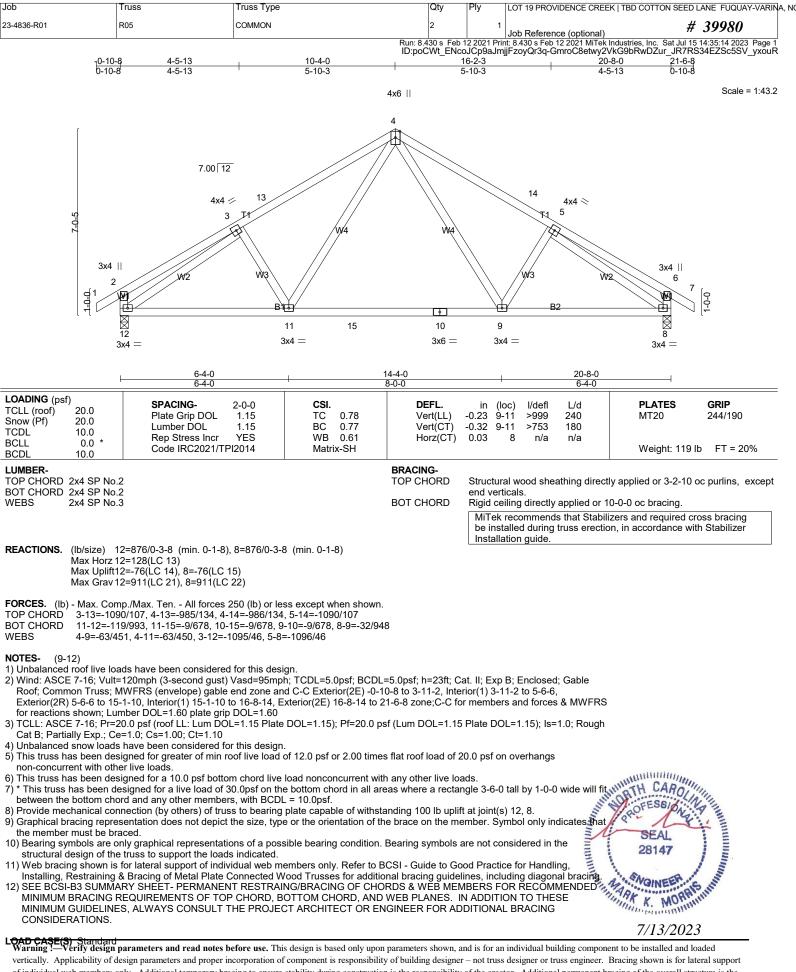
14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
 15) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural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

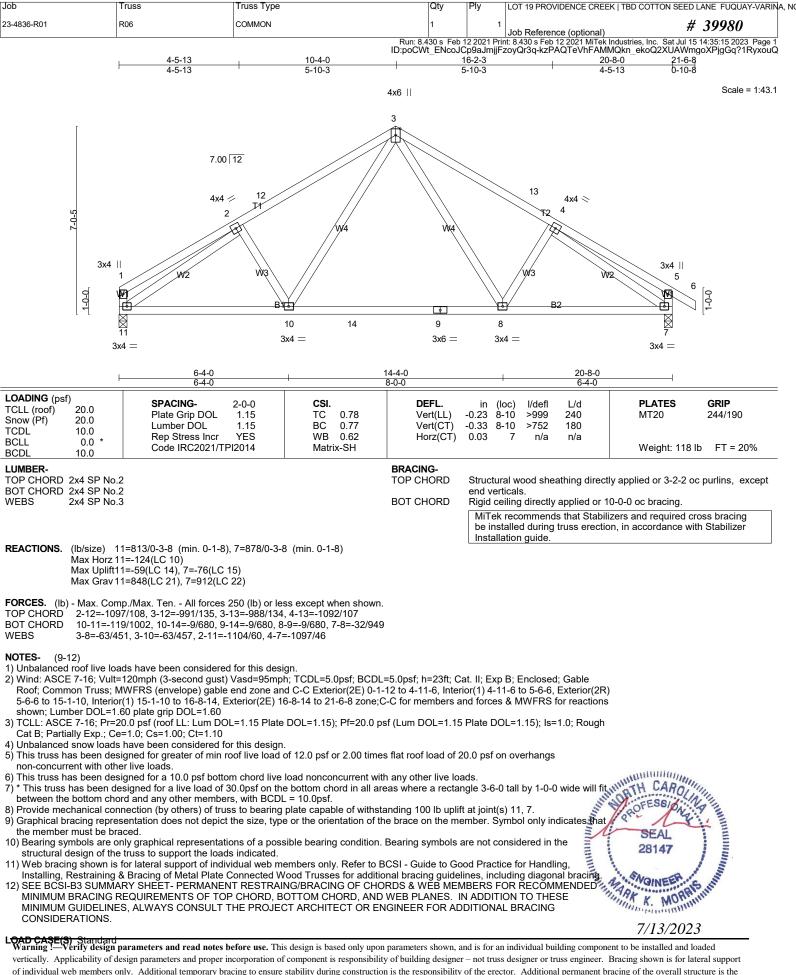
OF TOP CHORD, SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

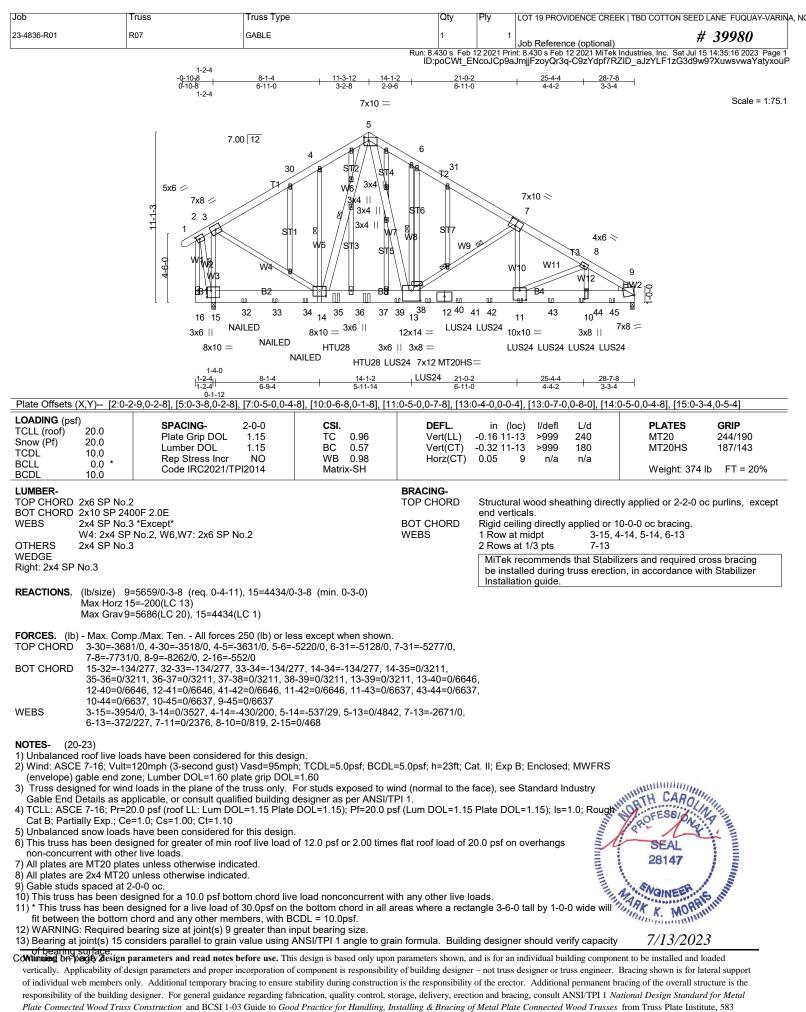




of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, 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.



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.



D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD	COTTON SEED LANE FUQUAY-VARINA, N
23-4836-R01	R07	GABLE	1	1	Job Reference (optional)	# 39980
	·	·				es, Inc. Sat Jul 15 14:35:16 2023 Page 2 IzYLF1zG3d9w9?XuwsvwaYatyxouP

(20-23) NOTES-

14) Provide metal plate or equivalent at bearing(s) 15 to support reaction shown.

15) Use Simpson Strong-Tie HTU28 (26-10d Girder, 14-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 9-2-4 from the left end to 11-2-4 to connect truss(es) R12 (1 ply 2x4 SP) to back face of bottom chord.

16) Use Simpson Strong-Tie LUS24 (4-10d Girder, 2-10d Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 13-2-4 from the left end to 27-2-4 to connect truss(es) R12 (1 ply 2x4 SP) to back face of bottom chord.
 27 Ether with but but but but starting at 13-2-4 from the left end to 27-2-4 to connect truss(es) R12 (1 ply 2x4 SP) to back face of bottom chord.

17) Fill all nail holes where hanger is in contact with lumber.
18) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.

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

20) 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.

21) 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.

22) 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. 23) 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

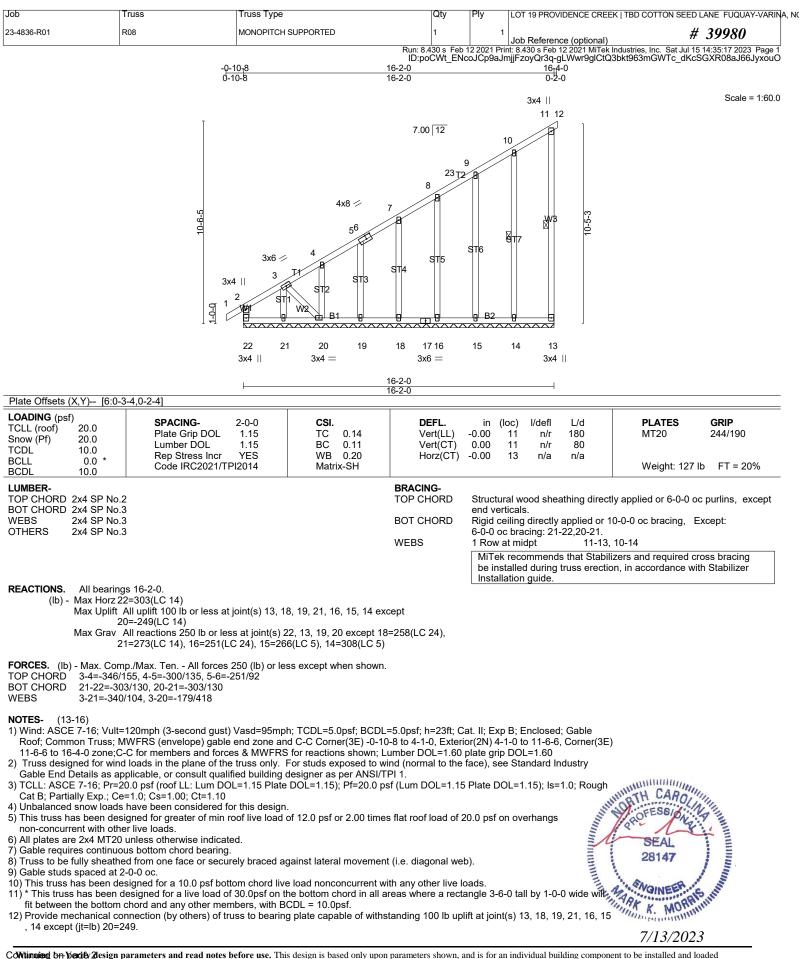
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-60, 2-5=-60, 5-9=-60, 9-16=-20 Concentrated Loads (lb)

Vert: 11=-721(B) 32=-187(B) 33=-187(B) 34=-187(B) 35=-721(B) 37=-721(B) 39=-721(B) 40=-721(B) 41=-721(B) 42=-721(B) 43=-721(B) 44=-721(B) 45=-721(B) 45=-7





Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD COTTON	SEED LANE FUQUAY-VARIN	A, NC
23-4836-R01	R08	MONOPITCH SUPPORTED	1	1	Job Reference (optional)	# 39980	
		Run: 84	430 s Feb	12 2021 Pri	nt: 8 430 s Feb 12 2021 MiTek Industries Inc. Sa	t.Jul 15 14:35:18 2023 Page 2	

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Jul 15 14:35:18 2023 Page 2 ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-8Y4J2VhNzAYwDtSMgmIV2h99Nkyh?_h9MD3felyxouN

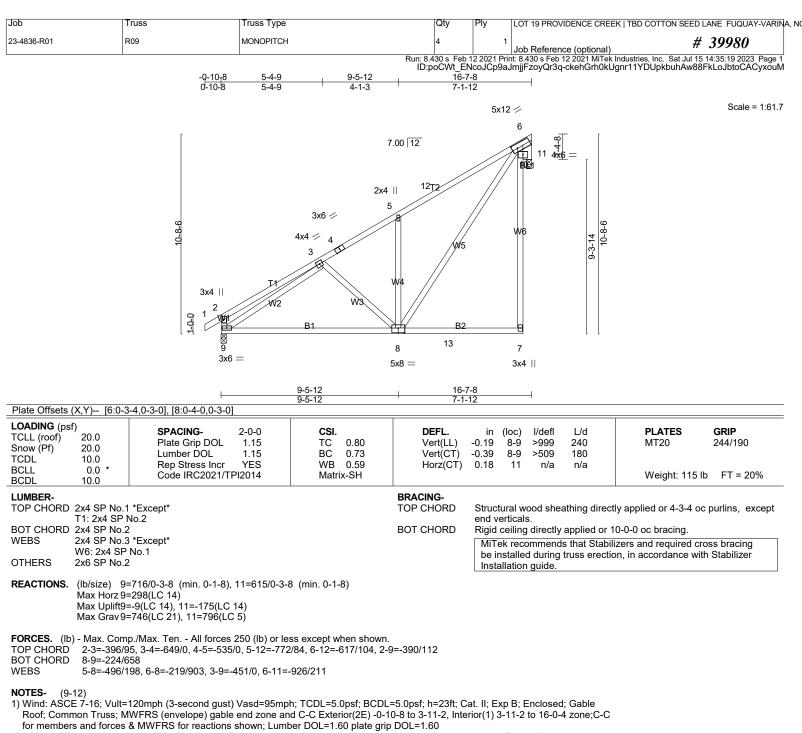
13) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
 14) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural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

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





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.

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, with BCDL = 10.0psf. 7) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface. 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9 except (jt=lb) 11=175. 8) Montent designed for a live load of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9 except (jt=lb) Ahannun ATA F 7/13/2023

Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD COTTO	N SEED LANE FUQUAY-VARINA, N
23-4836-R01	R09	MONOPITCH	4	1	Job Reference (optional)	# 39980
		Run 8	430 s Feb	12 2021 Pri	nt: 8 430 s Feb 12 2021 MiTek Industries Inc. S	Sat Jul 15 14:35:19 2023 Page 2

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Jul 15 14:35:19 2023 Page 2 ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-ckehGrh0kUgnr11YDUpkbuhAw88FkLoJbtoCACyxouM

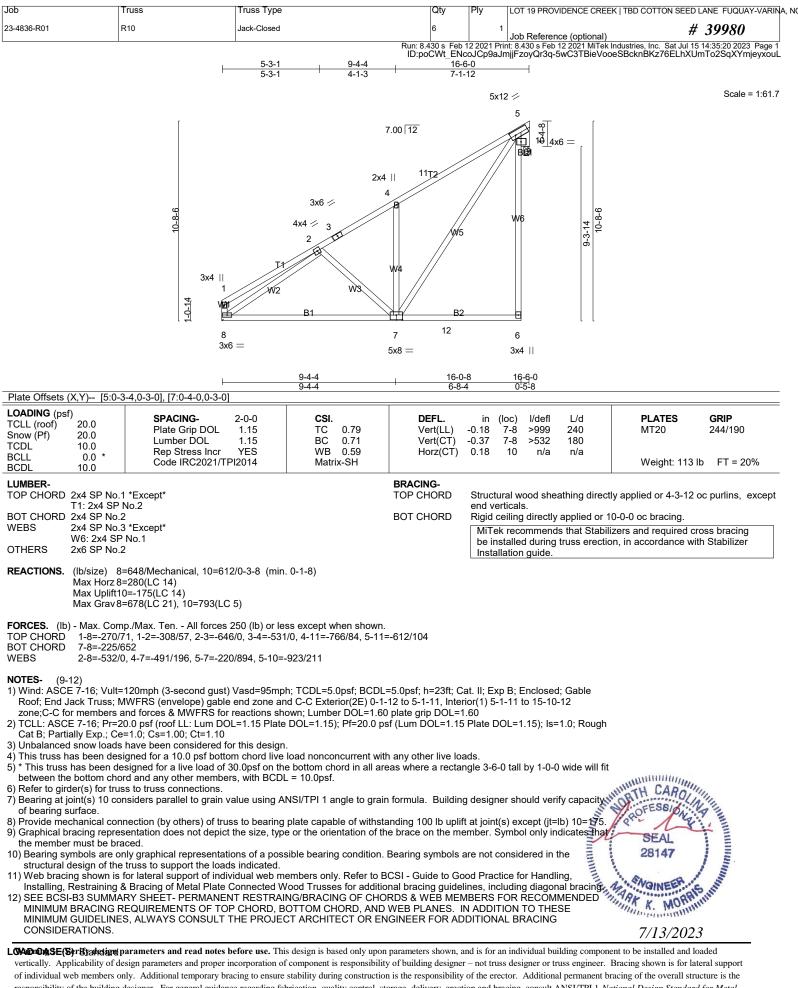
9) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
 10) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural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

 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

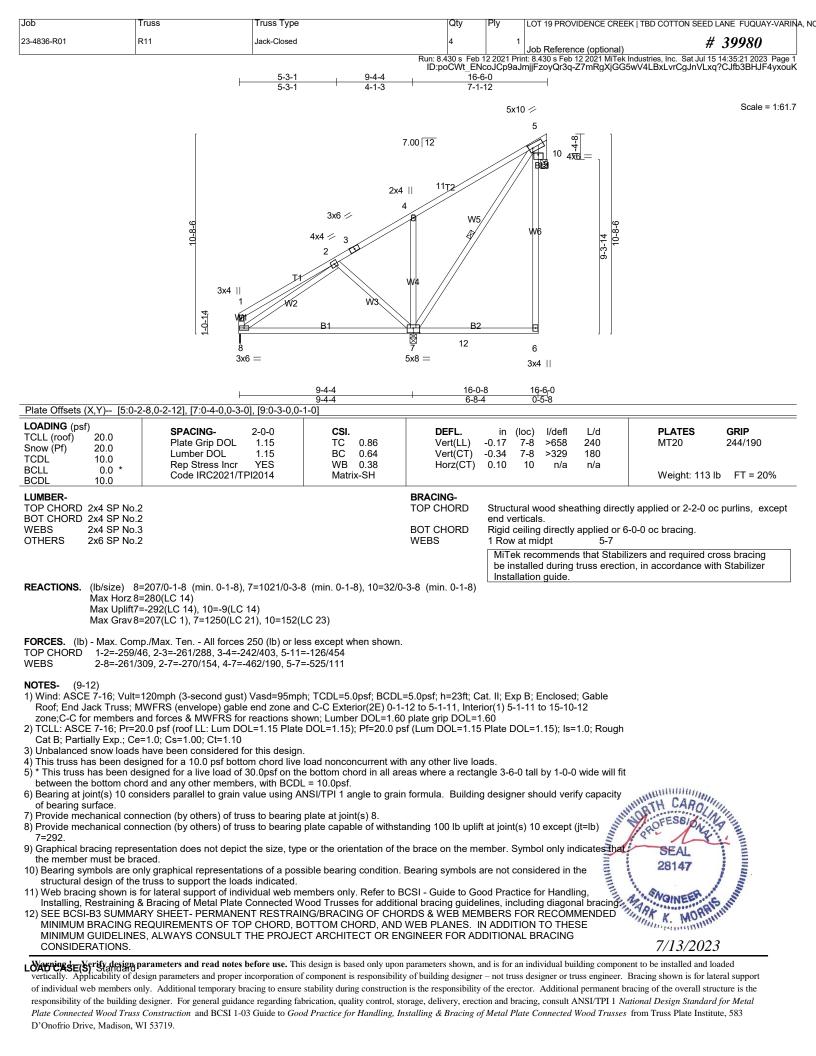
12) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

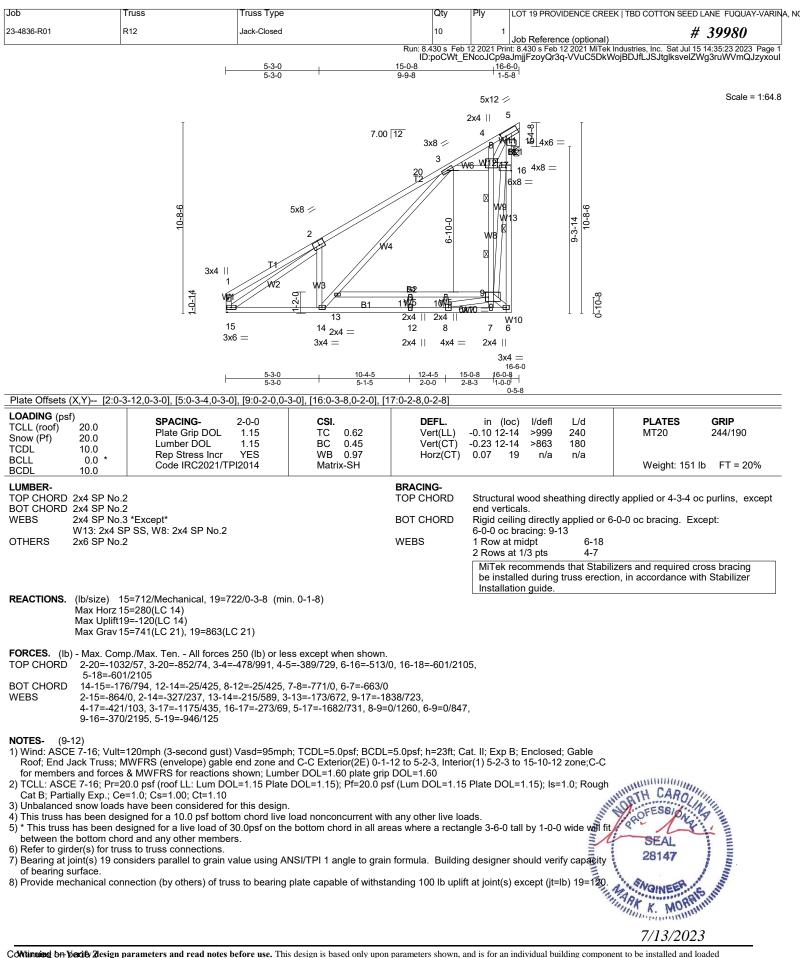
LOAD CASE(S) Standard





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 19 PROVIDENCE CREEK TBD COTTON	SEED LANE FUQUAY-VARINA,
23-4836-R01	R12	Jack-Closed	10	1	Job Reference (optional)	# 39980
		Run: 8	430 s Feb	12 2021 Pri	nt: 8.430 s Feb 12 2021 MiTek Industries. Inc. Sa	at Jul 15 14:35:23 2023 Page 2

ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-VVuC5DkWojBDJfLJSJtglksvelZWg3ruWVmQJzyxoul

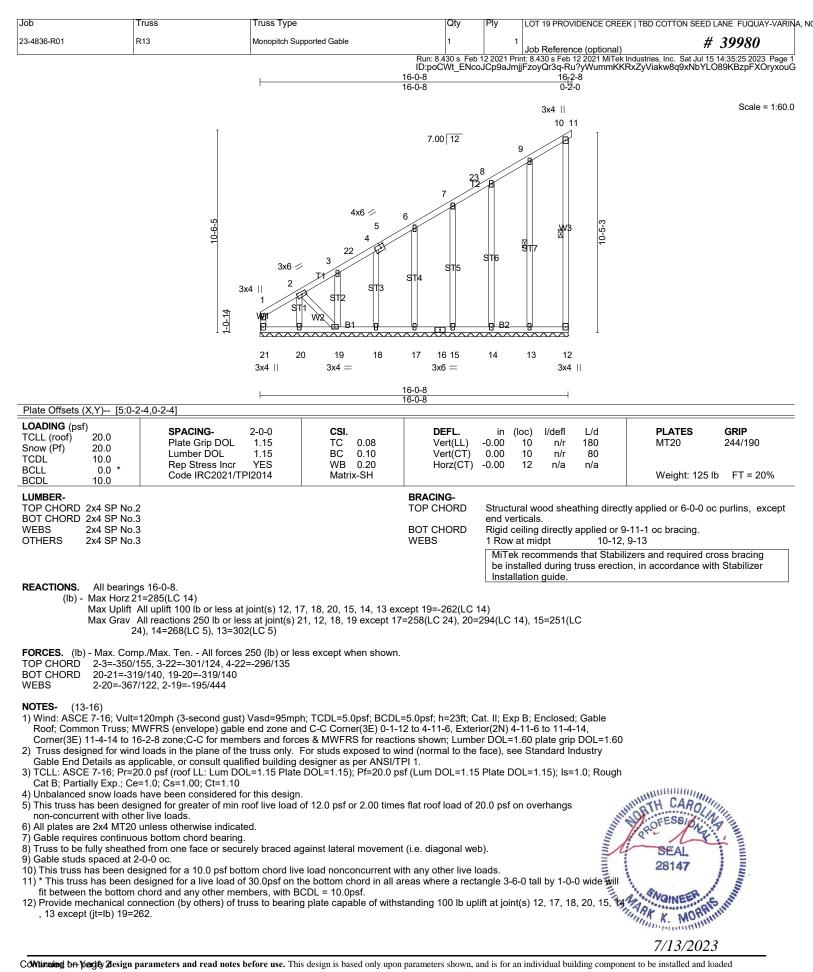
9) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 10) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural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

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 19 PROVIDENCE CREEK TBD COTTON SEED LA	ANE FUQUAY-VARINA, N
23-4836-R01	R13	Monopitch Supported Gable	1	1	Job Reference (optional)	39980
		Run: 8.4	130 s Feb 1	2 2021 Pri	nt: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Jul 15 1	4:35:25 2023 Page 2

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 Millek Industries, Inc. Sat Jul 15 14:35:25 2023 Page 2 ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-Ru?yWummKKRxZyViakw8q9xNbYLO89KBzpFXOryxouG

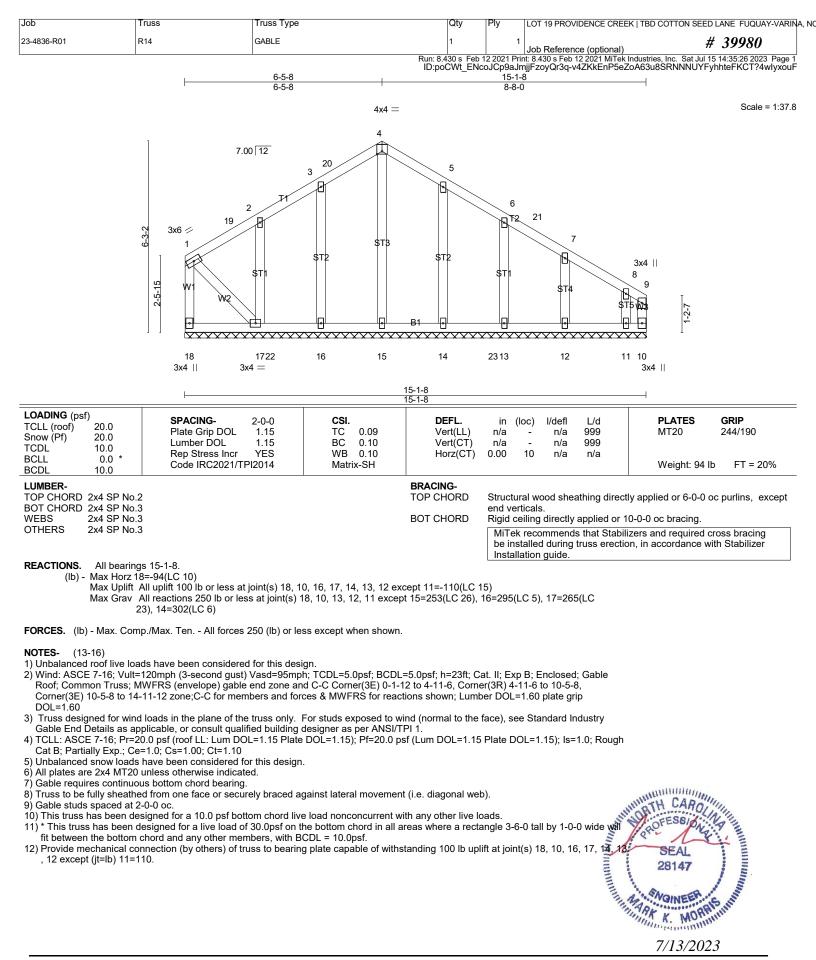
13) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
 14) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural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

 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

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





Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD COTTON S	SEED LANE FUQUAY-VARIN	a, nc
23-4836-R01	R14	GABLE	1	1	Job Reference (optional)	# 39980	
		Run: 8.	430 s Feb	12 2021 Pri	nt: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sat	Jul 15 14:35:27 2023 Page 2	

ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-NH7ixao1sxhfoGe4h9ycwa1j?M1wc5VUR7keSkyxouE

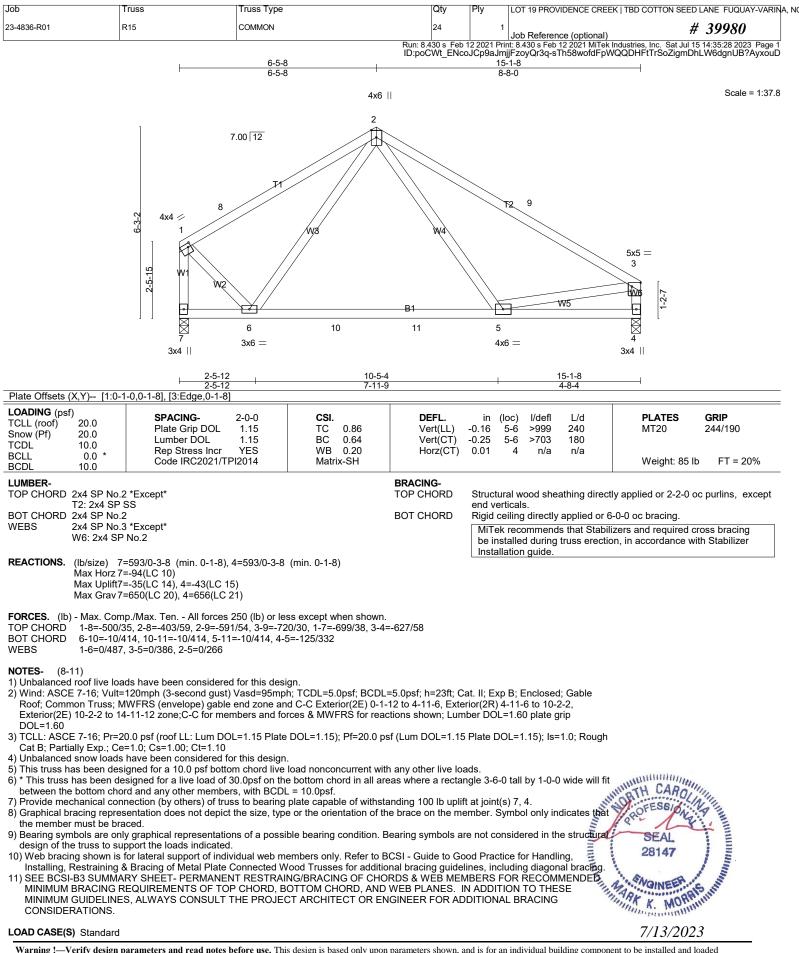
13) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 14) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural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

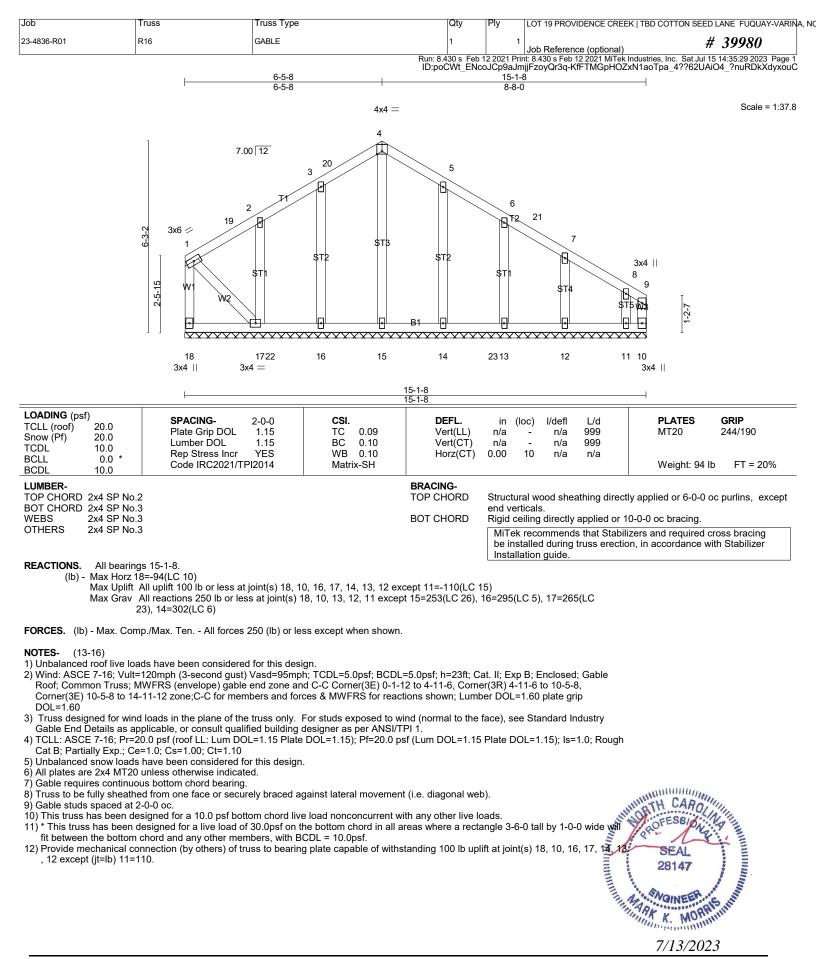
15) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate

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







Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD COTTON	SEED LANE FUQUAY-VARIN	A, NC
23-4836-R01	R16	GABLE	1	1	Job Reference (optional)	# 39980	
		Run: 8.	430 s Feb	12 2021 Pri	nt: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sa	t Jul 15 14:35:30 2023 Page 2	

ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-orprZcqv8s3DfjNfNIVJXDfDEZ2dpREw75zI33yxouB

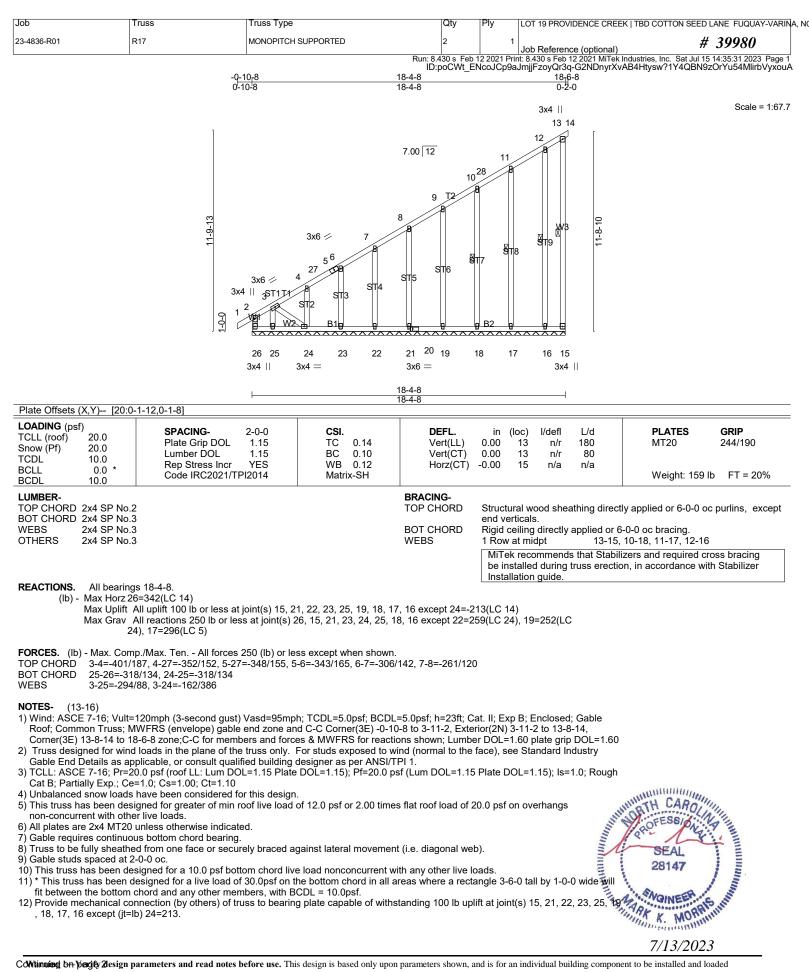
13) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 14) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural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





Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD COTTON	SEED LANE FUQUAY-VARIN	A, NC
23-4836-R01	R17	MONOPITCH SUPPORTED	2	1	Job Reference (optional)	# 39980	
		Run 8	430 s Feb	12 2021 Pri	nt: 8 430 s Feb 12 2021 MiTek Industries Inc. Sa	at Jul 15 14:35:32 2023 Page 2	

ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-kEwb_Ir9gUJxv1X2UiYndekYvNk4HLLDbPSO8yyxou9

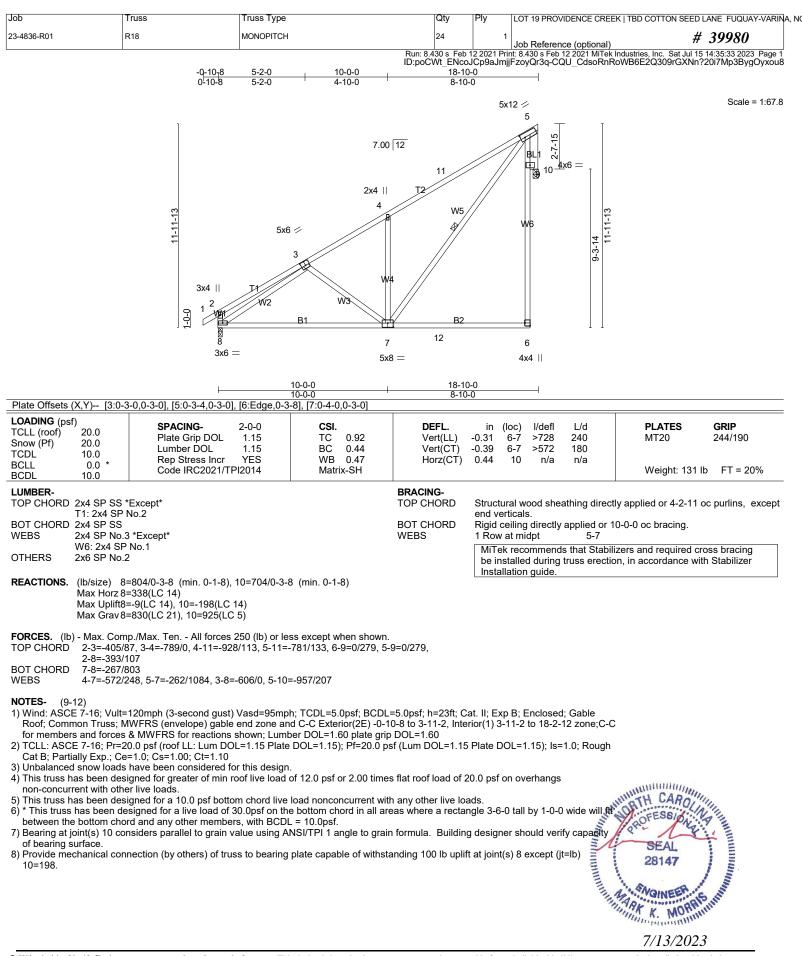
13) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 14) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural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





Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD COTTO	N SEED LANE FUQUAY-VARINA, N
23-4836-R01	R18	MONOPITCH	24	1	Job Reference (optional)	# 39980
		Run: 8	3.430 s Feb	12 2021 Pri	nt: 8.430 s Feb 12 2021 MiTek Industries, Inc. S	Sat Jul 15 14:35:33 2023 Page 2

ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-CQU_CdsoRnRoWB6E2Q309rGXNn?20i7Mp3BygOyxou8

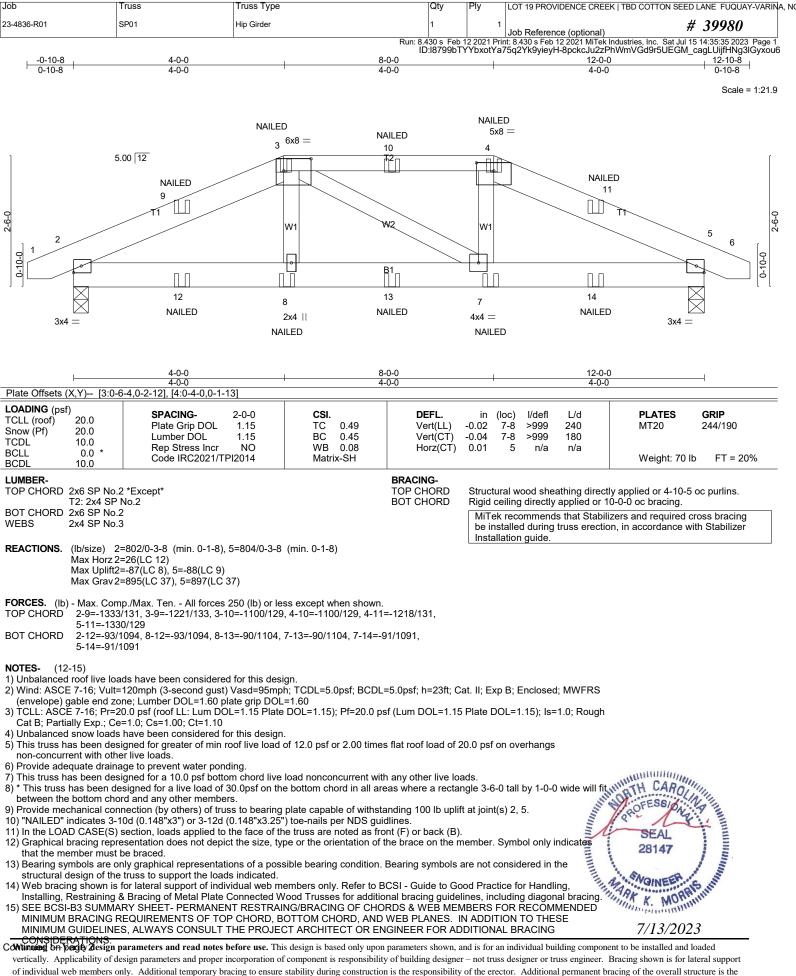
9) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 10) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural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

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





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 19 PROVIDENCE CREEK	TBD COTTON SEED LANE FUQUAY-VARI	NA, NO
23-4836-R01	SP01	Hip Girder	1	1	Job Reference (optional)	# 39980	
Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Jul 15 14:35:36 2023 Page 2							2

8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Jul 15 14:35:36 2023 Page 2 ID:I8799bTYYbxotYa75q2Yk9yieyH-d?A6qfvgkipNNfqpjYcjnUu9L_0aD9zpV1QcHjyxou5

LOAD CASE(S) Standard

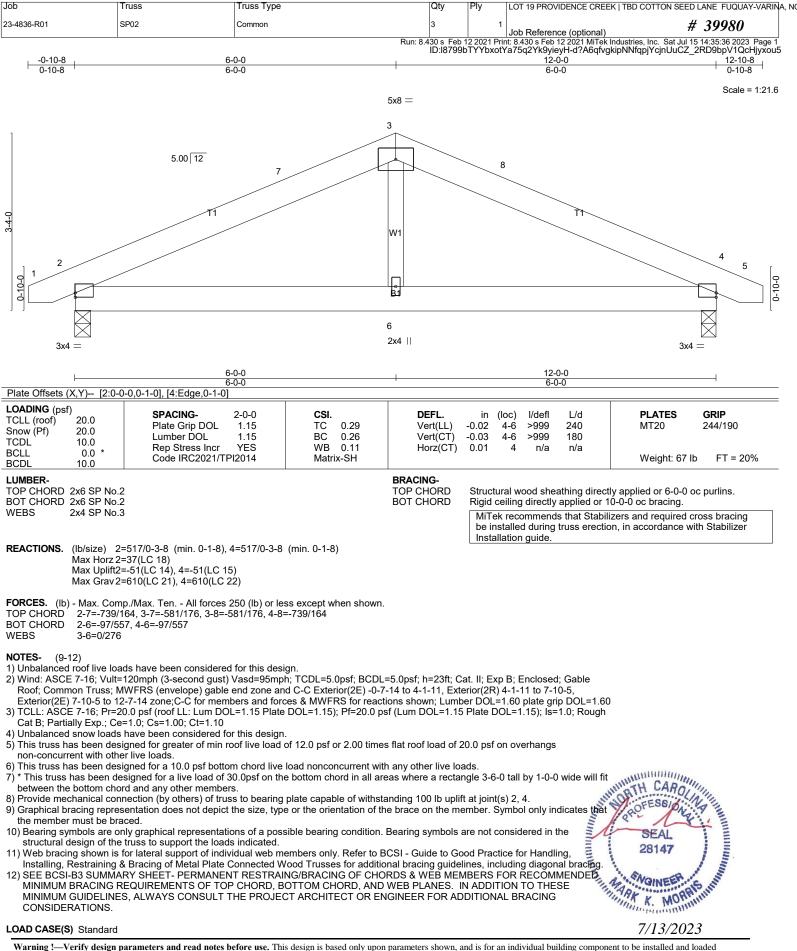
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf) Vert: 1-3=-60, 3-4=-60, 4-6=-60, 2-5=-20

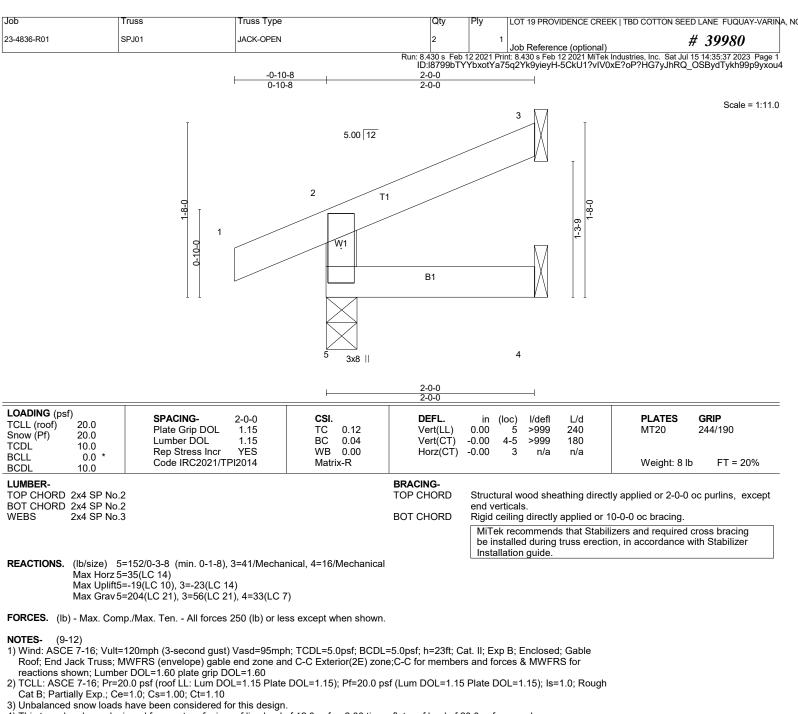
Concentrated Loads (lb)

Vert: 3=-89(B) 4=-89(B) 8=-27(B) 7=-27(B) 9=-102(B) 10=-89(B) 11=-102(B) 12=-10(B) 13=-27(B) 14=-10(B)





warning i—verity 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 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 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 read notes before use. This design is responsibility of building designer – not truss engineer. 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 Trusse 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.



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.

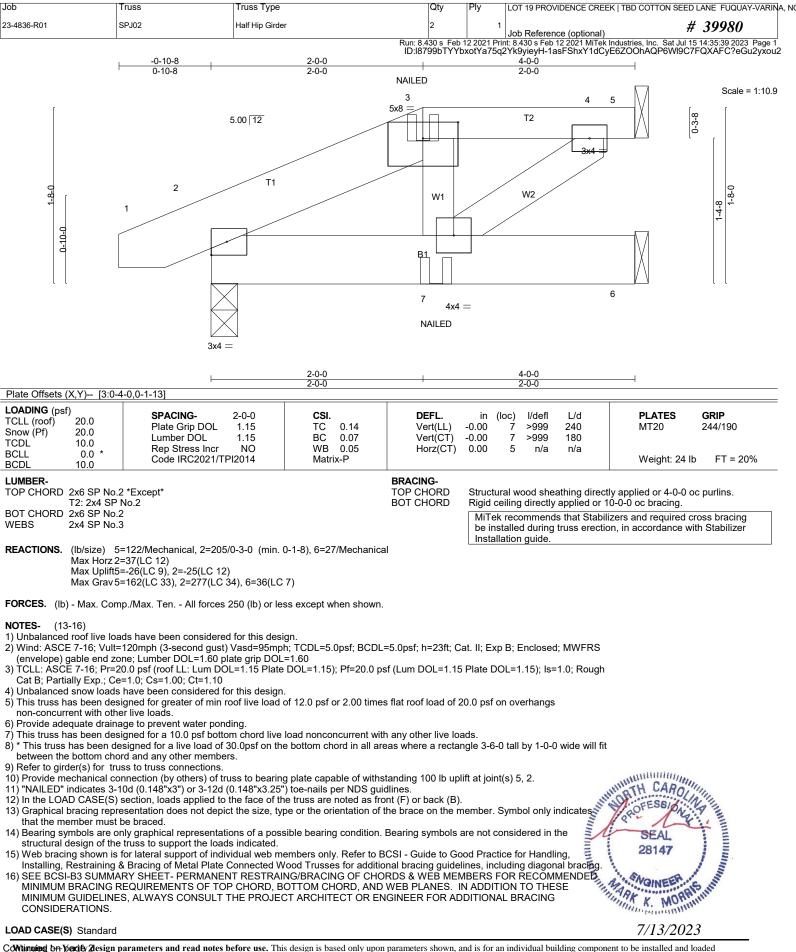
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

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) 5, 3.
- 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.
- 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.

e will fit

LOAD CASE(S) Standard



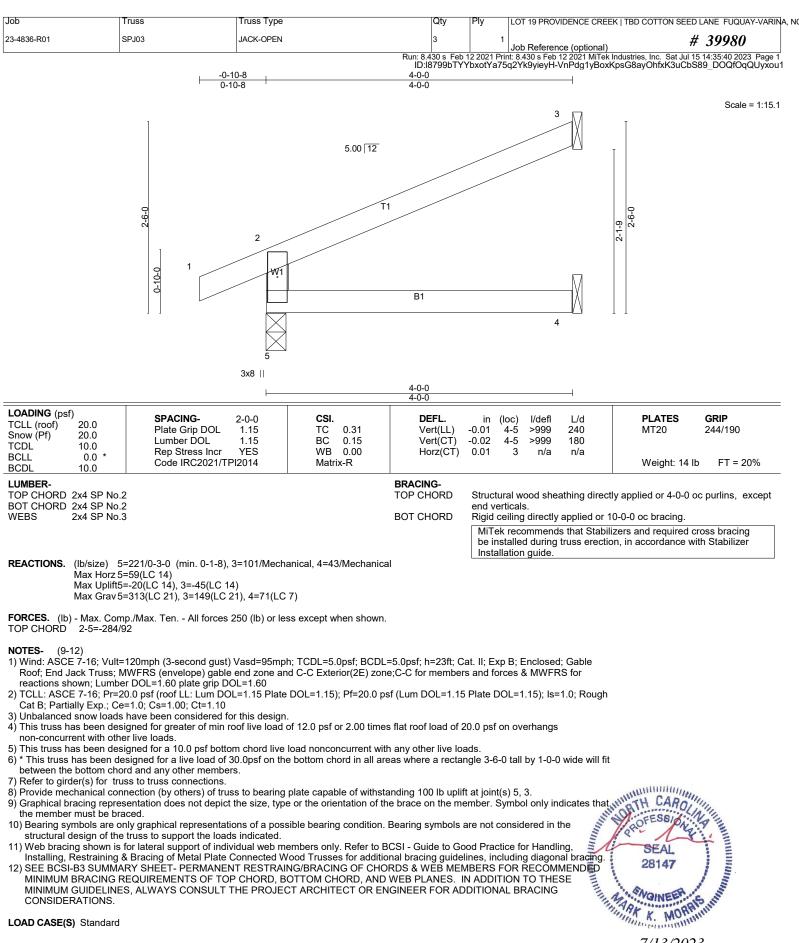
ſ	Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD COTTON SEED LANE FUQU	UAY-VARINA, M
	23-4836-R01	SPJ02	Half Hip Girder	2	1	Job Reference (optional) # 39980	0
Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, ID:18799bTYYbxotYa75q2Yk9yieyH-1asFShxY1dCyE6ZOOh/					nt: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sat Jul 15 14:35:39 20 2Yk9yieyH-1asFShxY1dCyE6ZOOhAQP6WI9C7FQXAFC?e	023 Page 2 eGu2yxou2	

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-3=-60, 3-5=-60, 2-6=-20 Concentrated Loads (lb) Vert: 3=-2(F) 7=0(F)

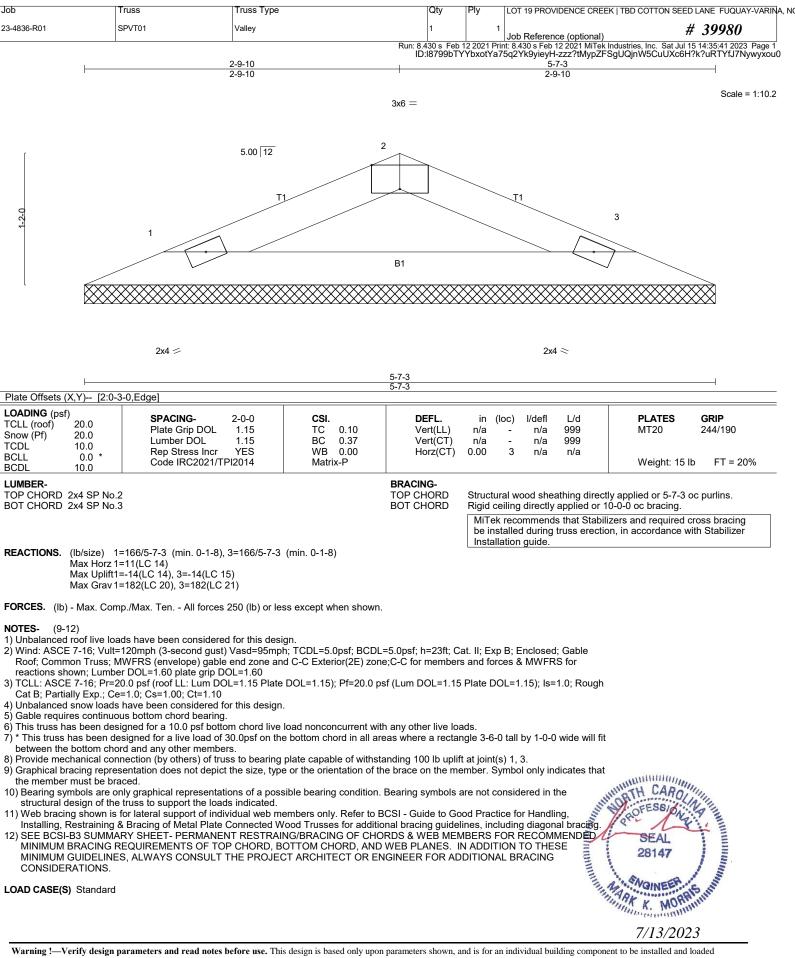


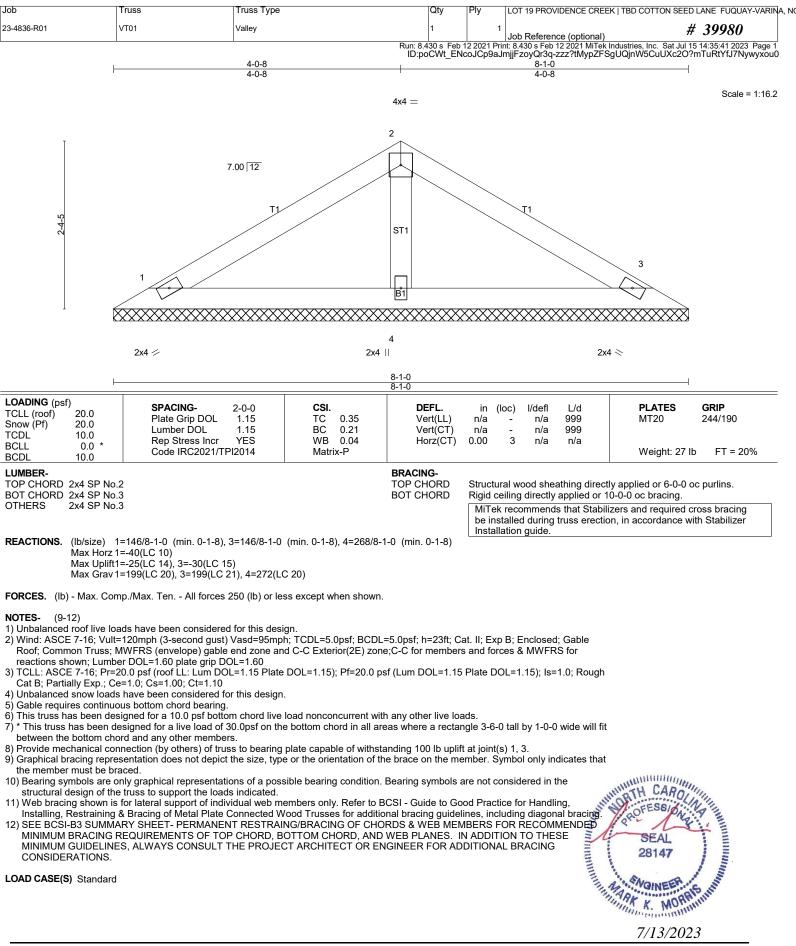
7/13/2023

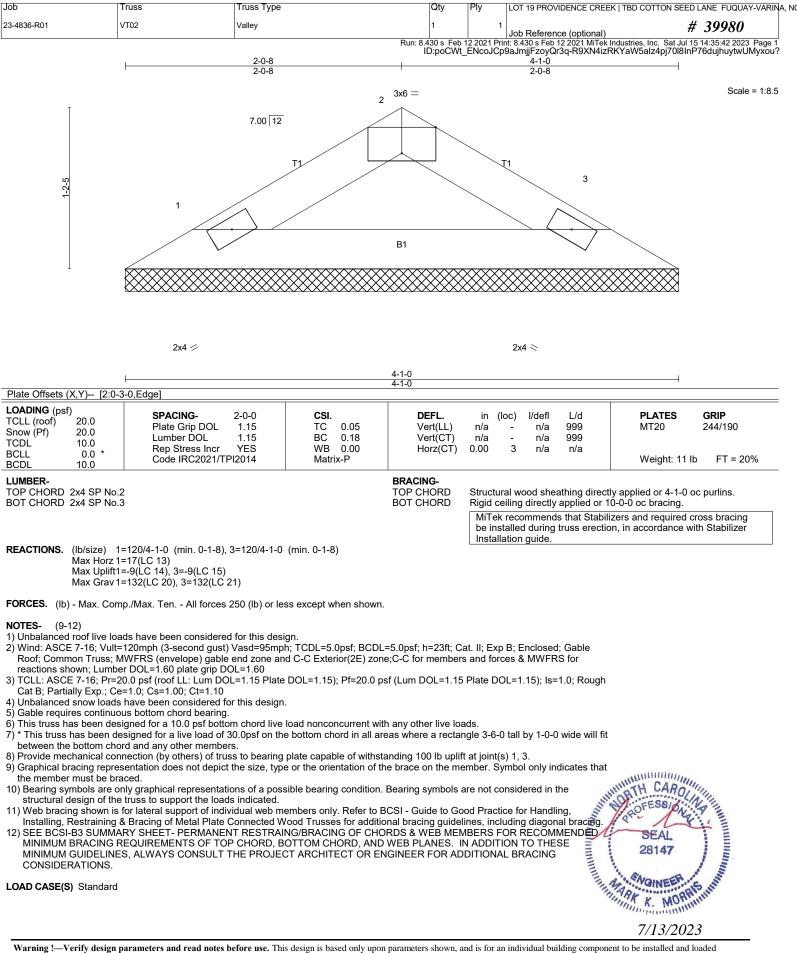


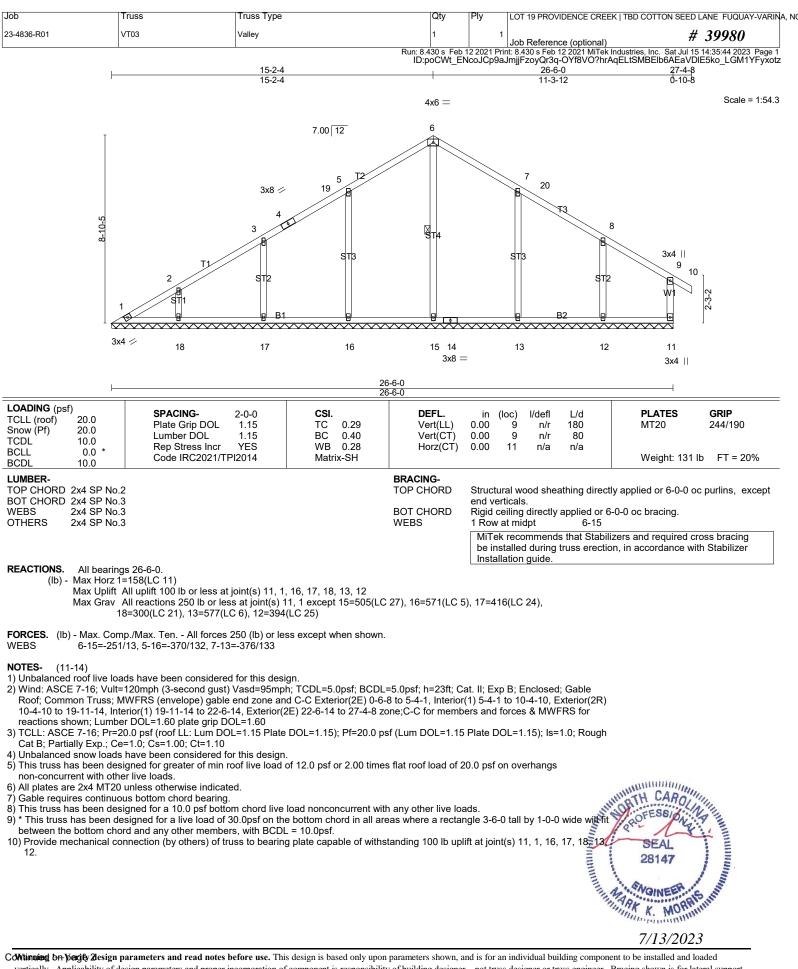
Warning !--Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - 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.

7/13/2023









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 19 PROVIDENCE CREEK TBD COTTON S	SEED LANE FUQUAY-VARINA	A, NO
23-4836-R01	VT03	Valley	1	1	Job Reference (optional)	# 39980	
Run: 8,430 s Feb 12 2021 Print: 8,430 s Feb 12 2021 MiTek Industries. Inc. Sat Jul 15 14:35:44 2023 Page 2							

ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-OYf8VO?hrAqELtSMBElb6AEaVDIE5ko_LGM1YFyxotz

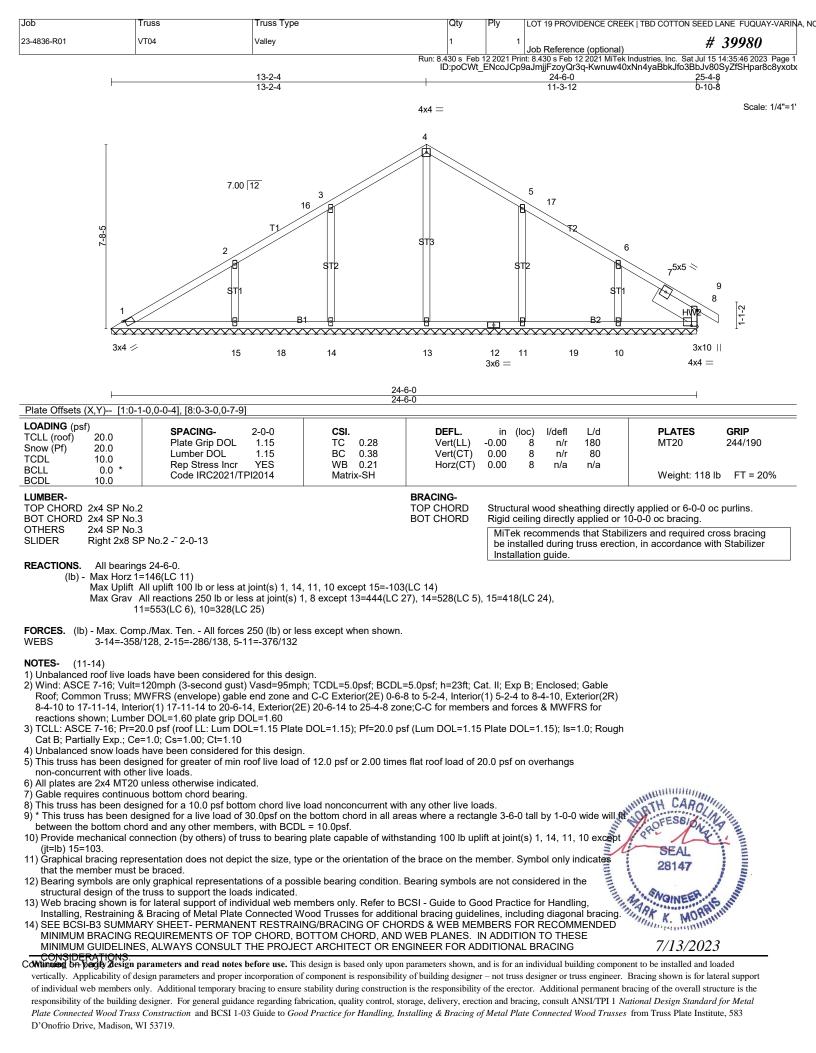
11) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 12) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural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





Job	Truss	Truss Type	Qty	Ply	LOT 19 PROVIDENCE CREEK TBD COTTON SEED LANE FUQUAY-VARIN	A, NC
23-4836-R01	VT04	Valley	1		Job Reference (optional) # 39980	

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MITek Industries, Inc. Sat Jul 15 14:35:46 2023 Page 2 ID:poCWt_ENcoJCp9aJmjjFzoyQr3q-Kwnuw40xNn4yaBbkJfo3BbJv80SyZfSHpar8c8yxotx

LOAD CASE(S) Standard

