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 #: 24696 JOB: 20-5717-R01 JOB NAME: LOT 1161 CARRIAGE CIRCLE Wind Code: 37 Wind Speed: Vult= 130mph Exposure Category: B Mean Roof Height (feet): 23

24 Truss Design(s)

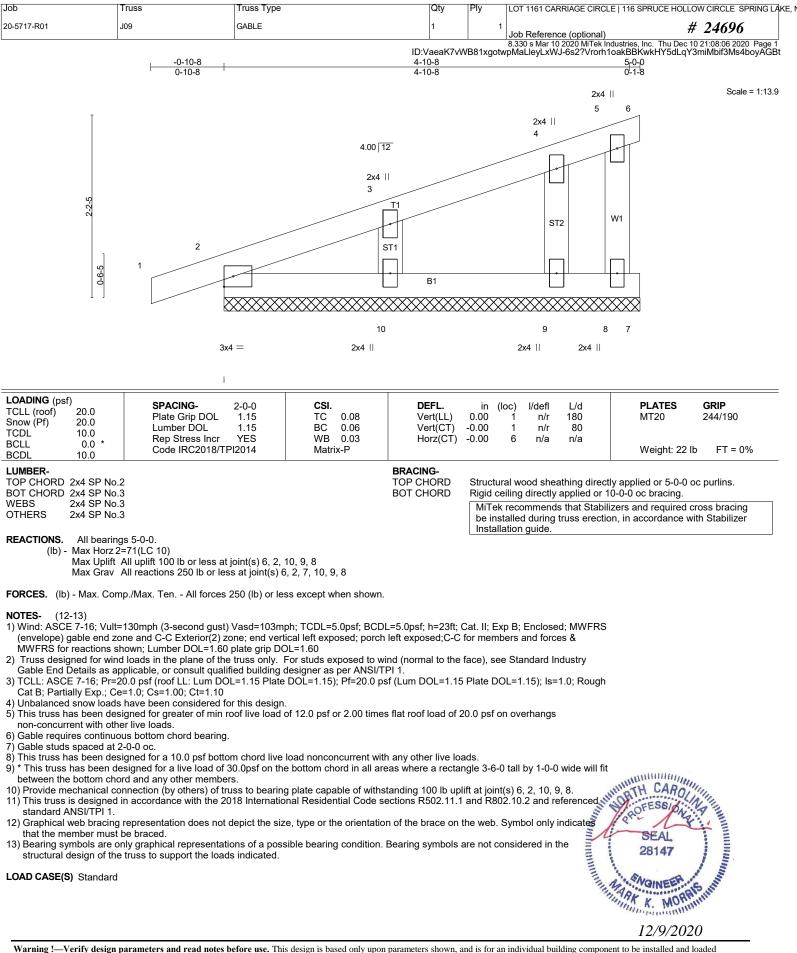
Trusses:

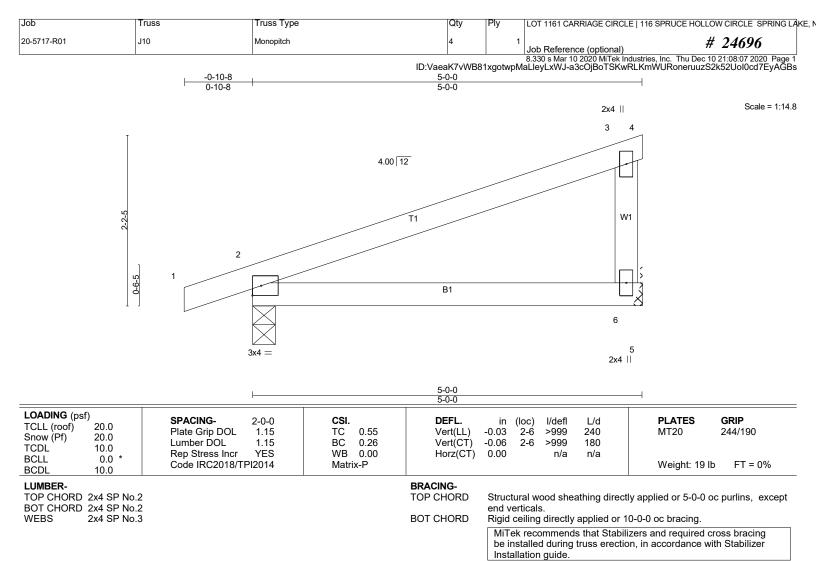
J09, J10, PB01, PB02, R01, R02, R03, R04, R05, R06, R07, R08, R09, R10, R11, R13, R18, R23, R24, R25, R26, VT01, VT03, VT04



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*





REACTIONS. (lb/size) 6=196/Mechanical, 2=253/0-3-8 (min. 0-1-8) Max Horz 2=71(LC 10) Max Uplift6=-88(LC 10), 2=-105(LC 10) Max Grav 6=262(LC 21), 2=348(LC 21)

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

NOTES-(10-11)

- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- 3) Unbalanced snow loads have been considered for this design.

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

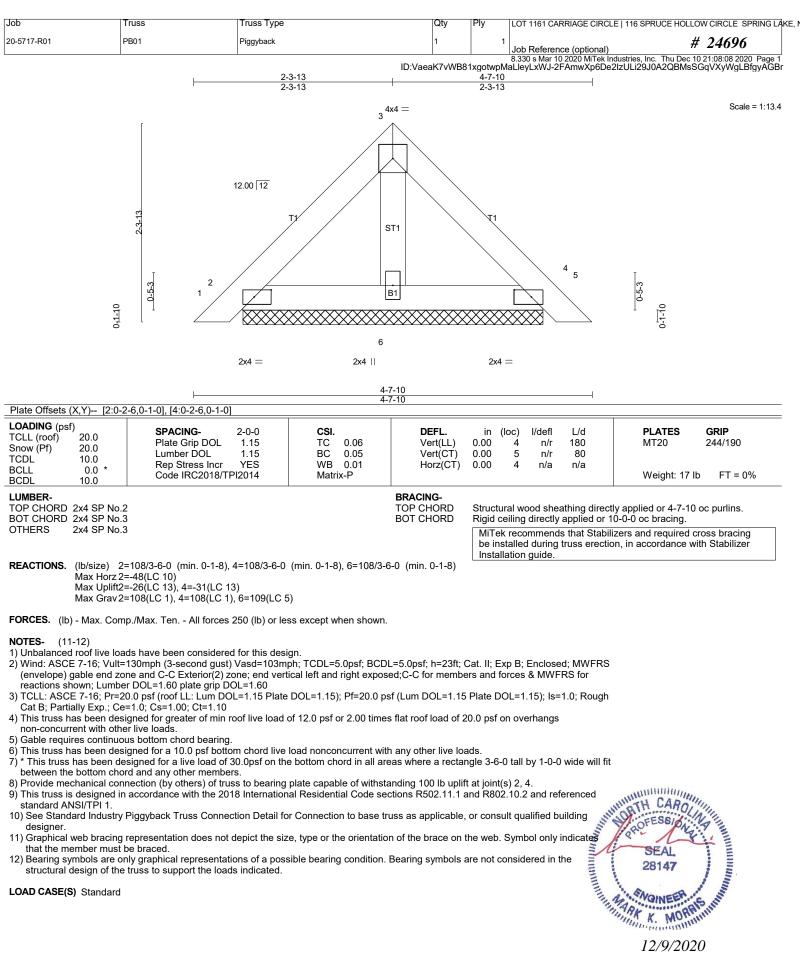
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

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

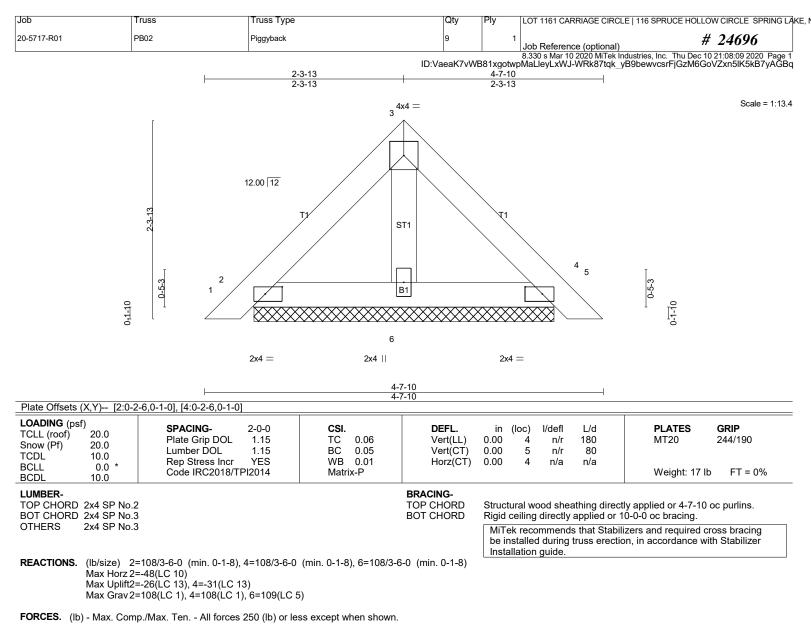
Refer to girder(s) for truss to truss connections.

8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 2=105.

 Standard ANSI/TPI 1.
 Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.
 LOAD CASE(S) Standard A.A. A. A. A. A.



- ahannun Harris

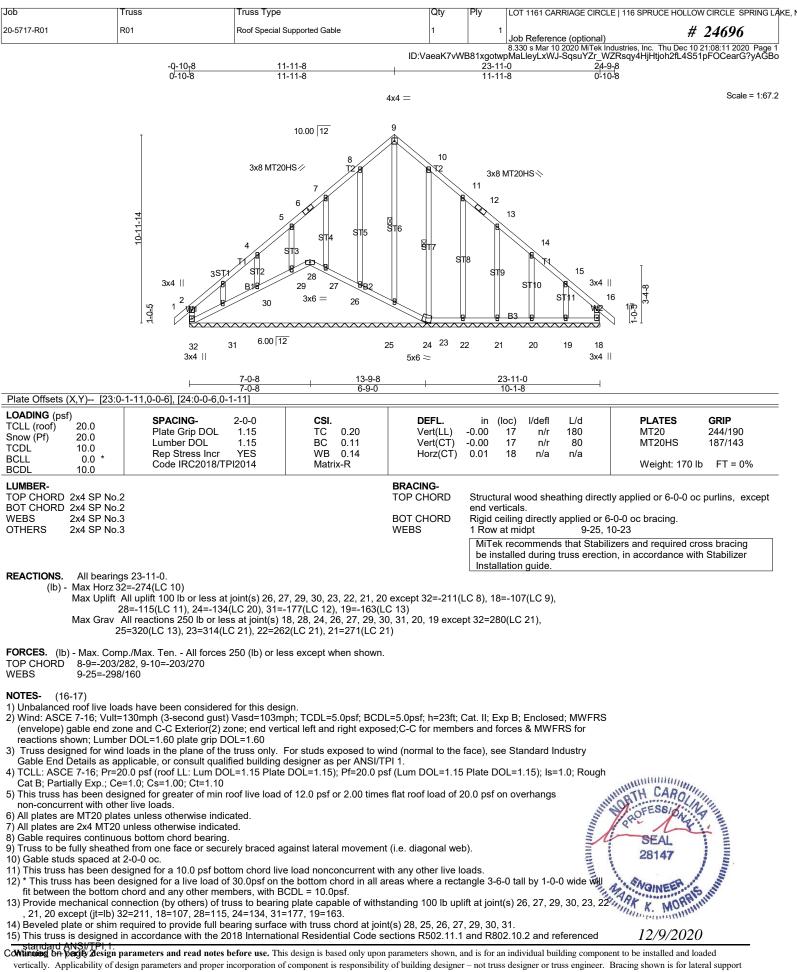


NOTES-(11-12)

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough

plate grip--(at B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1...) (at B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1...) (b) This truss has been designed for greater of min roof live load or the second of the loads.
c) This truss has been designed for a 10v load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will the between the bottom chord and any other members.
c) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
c) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANS/TP1 1.
c) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
c) Rearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the truss to support the loads indicated. Alta Francis

12/9/2020



vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is tor 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.

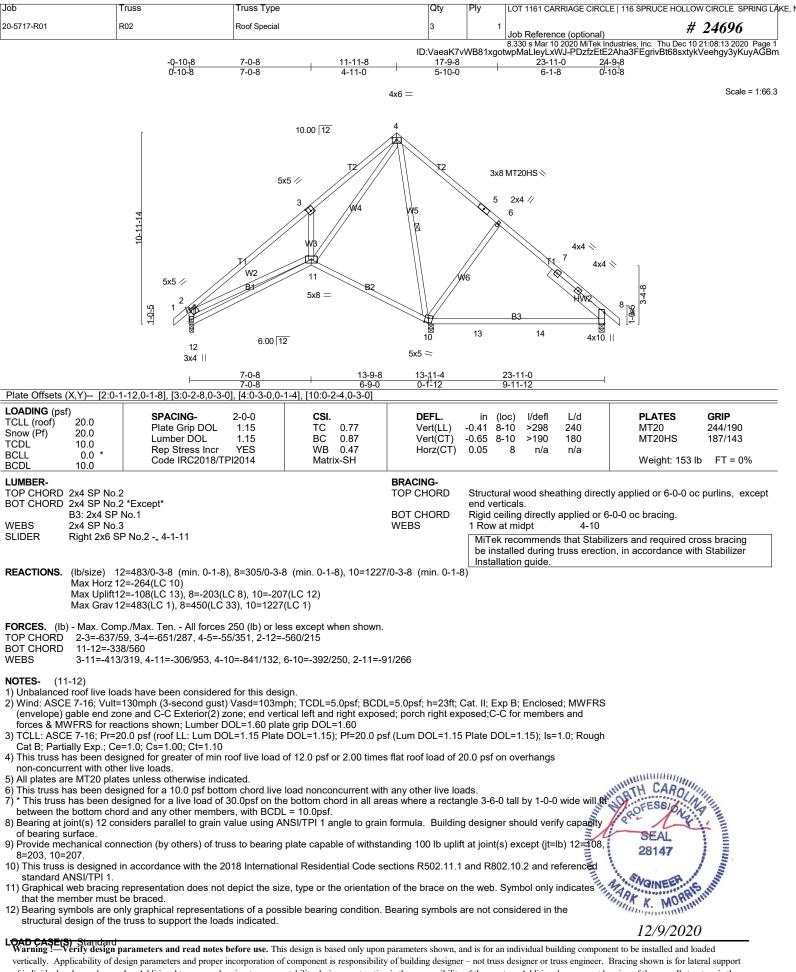
-	Job	Truss	Truss Type	Qty	Ply	LOT 1161 CARRIAGE CIRCLE 116 SPRU	ICE HOLLOW CIRCLE SPRING LAK
:	20-5717-R01	R01	Roof Special Supported Gable	1	1	Job Reference (optional)	# 24696
8 330 s Mar 10 2020 MiTek Industries Inc. Thu Dec 10							

ID:VaeaK7vWB81xgotwpMaLleyLxWJ-w0QHmuscHtZjS6fUH?OyLubq5ToKmGVXRIJOoSyAGBn

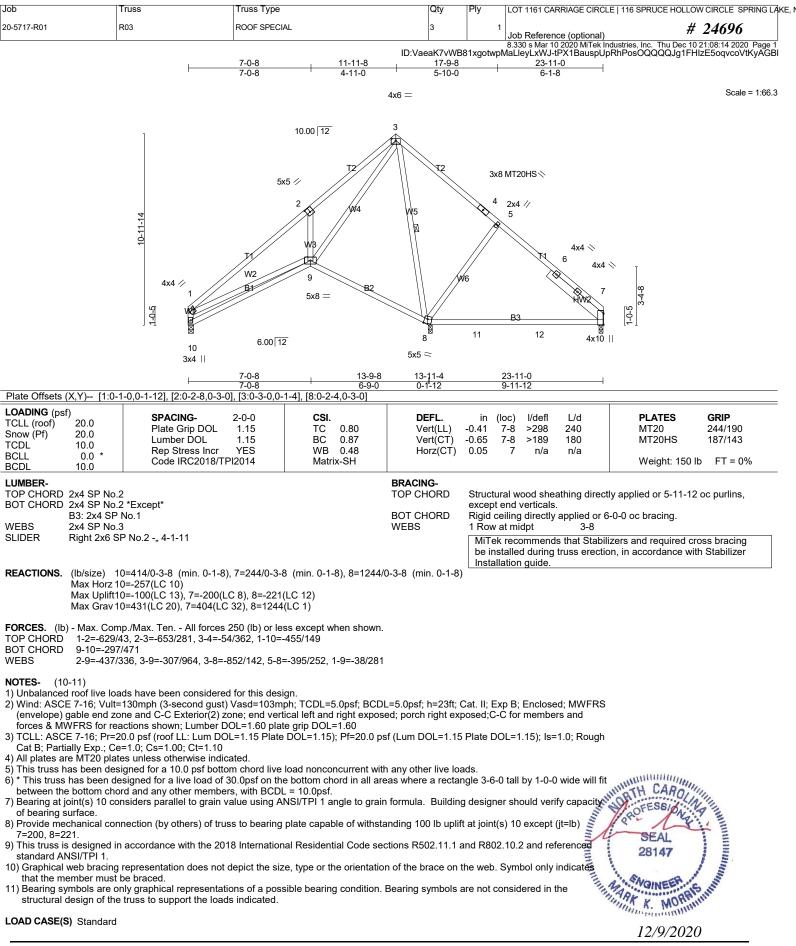
16) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
 17) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the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

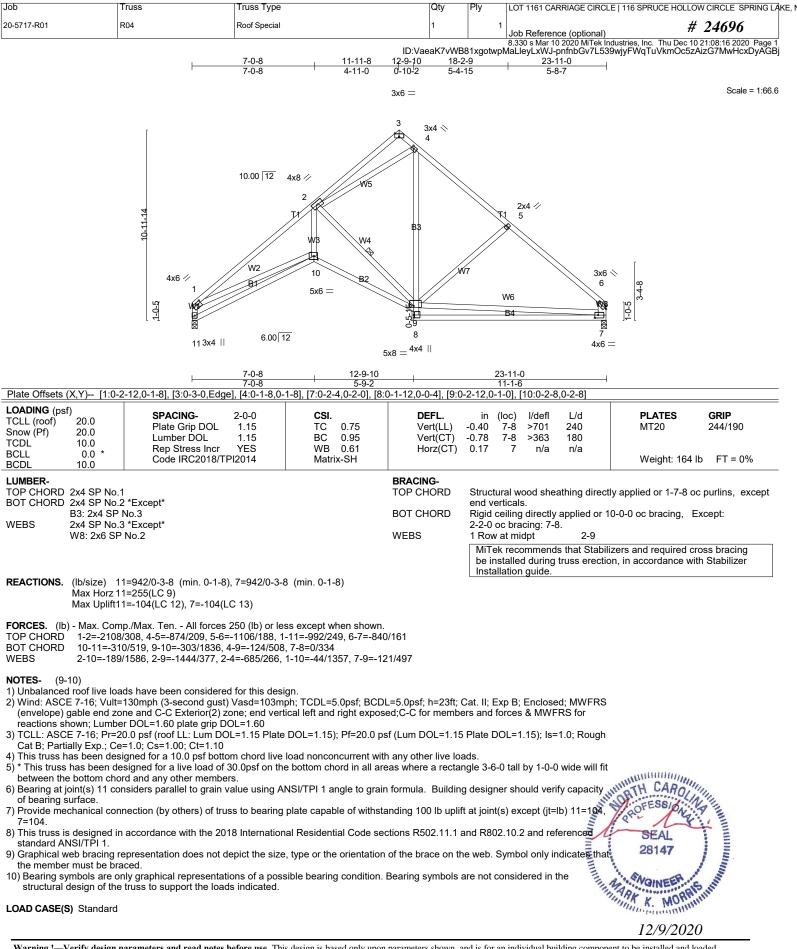
LOAD CASE(S) Standard

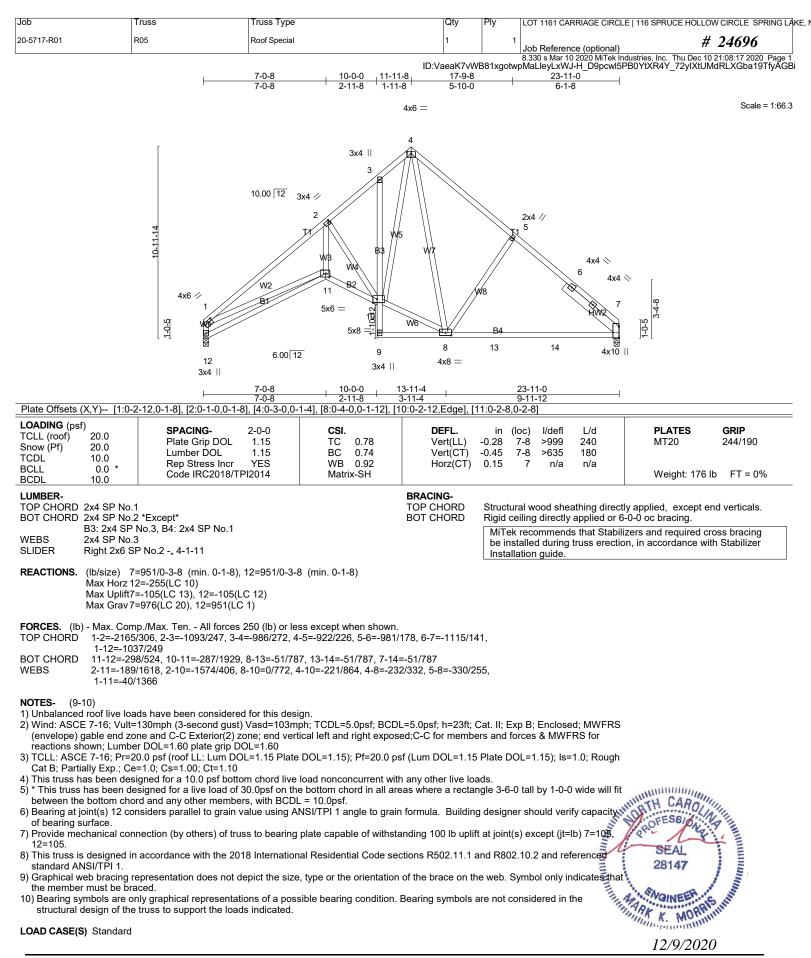


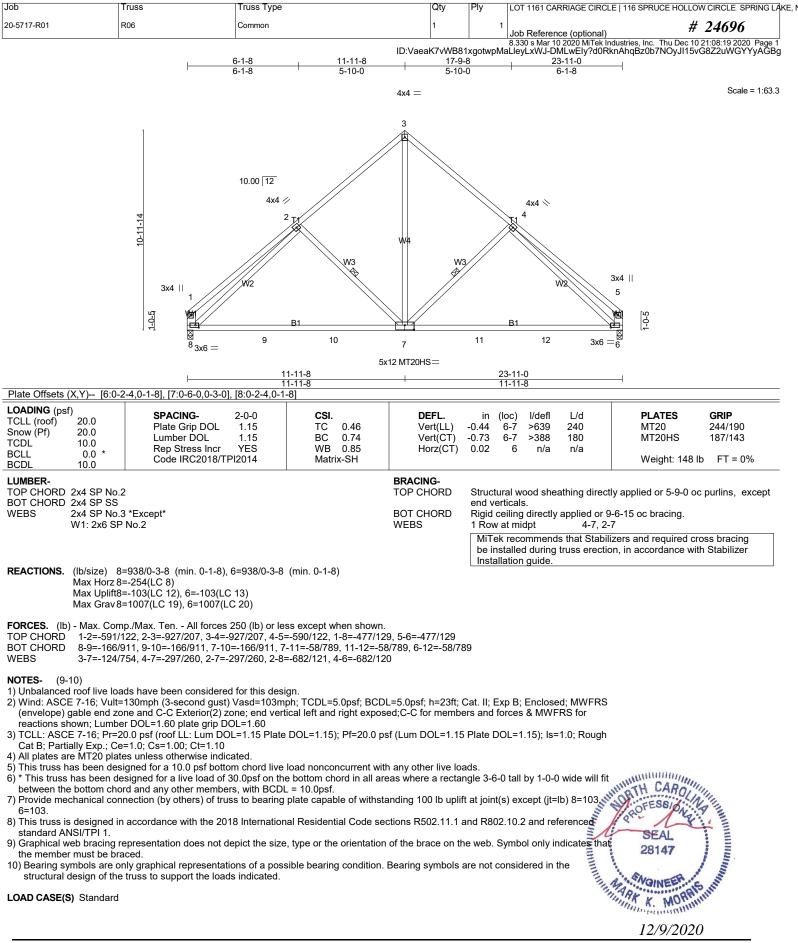


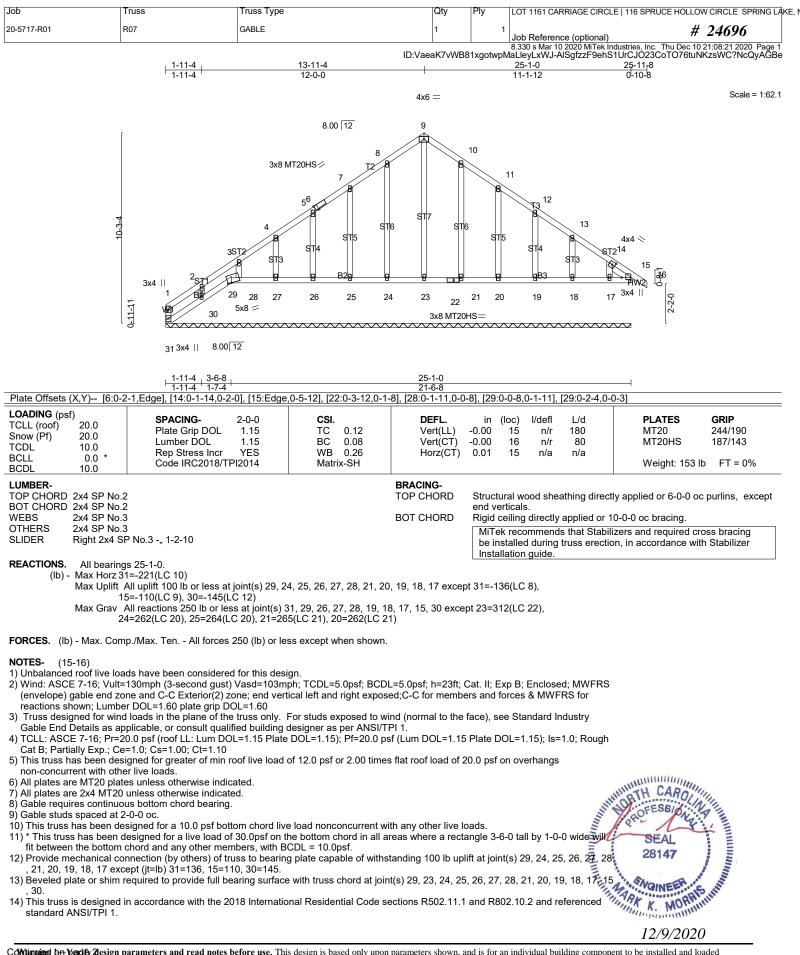
of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control,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











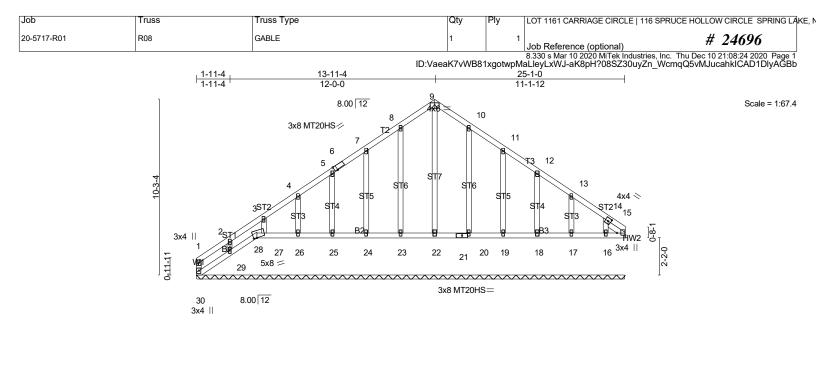
Job	Truss	Truss Type	Qty	Ply	LOT 1161 CARRIAGE CIRCLE 116 SPRU	ICE HOLLOW CIRCLE SPRING LA	
20-5717-R01	R07	GABLE	1	1	Job Reference (optional)	# 24696	
8 330 s Mar 10 2020 MiTek Industries Inc. Thu Dec 10 21/08/23 2020 De							

8.330 s Mar 10 2020 Mi Fek Industries, Inc. Thu Dec 10 21:08:23 2020 Page 2 ID:VaeaK7vWB81xgotwpMaLleyLxWJ-68aR3f?WhFx9Go?bQp5XHCYkdvZMrET9zWUUhJyAGBc

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

LOAD CASE(S) Standard





<u>3-6-</u>8 -11-4 25-1-0 1-<u>1-1-4</u> 1-7-4 21-6-8 Plate Offsets (X X)-- [6:0-2-1 Edge] [14:0-1-14:0-2-0] [15:Edge 0-5-12] [21:0-3-12:0-1-8] [27·0_1_11 0_0_8] [28·0_2_4 0_0_3] [28·0_0_8 0_1_11

LOADING (psf) TCLL (roof) 20.0 Snow (Pf) 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING-2-0-0Plate Grip DOL1.15Lumber DOL1.15Rep Stress IncrYESCode IRC2018/TPI2014	CSI. TC 0.12 BC 0.08 WB 0.25 Matrix-SH	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) n/a - n/a - 0.01 15	n/a n/a	L/d 999 999 n/a	PLATES MT20 MT20HS Weight: 152 lb	GRIP 244/190 187/143 • FT = 0%
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP	No.2		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, exc end verticals. Rigid ceiling directly applied or 10-0-0 oc bracing.				purlins, except
OTHERS 2x4 SP SLIDER Right 2x	No.3 4 SP No.3 -, 1-2-10				ed during		izers and required cro on, in accordance with	

REACTIONS. All bearings 25-1-0.

(lb) - Max Horz 30=223(LC 9)

Max Uplift All uplift 100 lb or less at joint(s) 28, 23, 24, 25, 26, 27, 20, 19, 18, 17, 16 except 30=-133(LC 8), 15=-110(LC 9), 29=-146(LC 12)

Max Grav All reactions 250 lb or less at joint(s) 30, 15, 28, 25, 26, 27, 18, 17, 16, 29 except 22=312(LC 25), 23=262(LC 19), 24=264(LC 19), 20=265(LC 20), 19=262(LC 20)

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

NOTES-(14-15)

Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; 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) All plates are MT20 plates unless otherwise indicated.

6) All plates are 2x4 MT20 unless otherwise indicated.

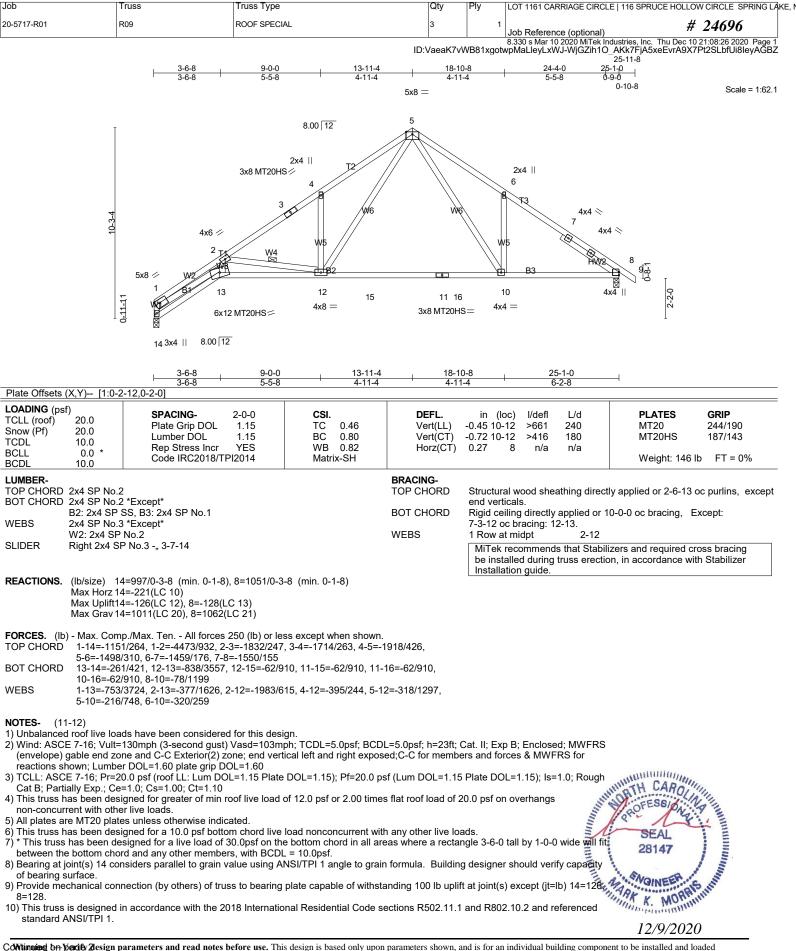
a) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide with second sec A PRIMARIA PRIMARIA 28147 VOINE

- 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.

LOAD CASE Standard 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.

K. MORP in the second

12/9/2020



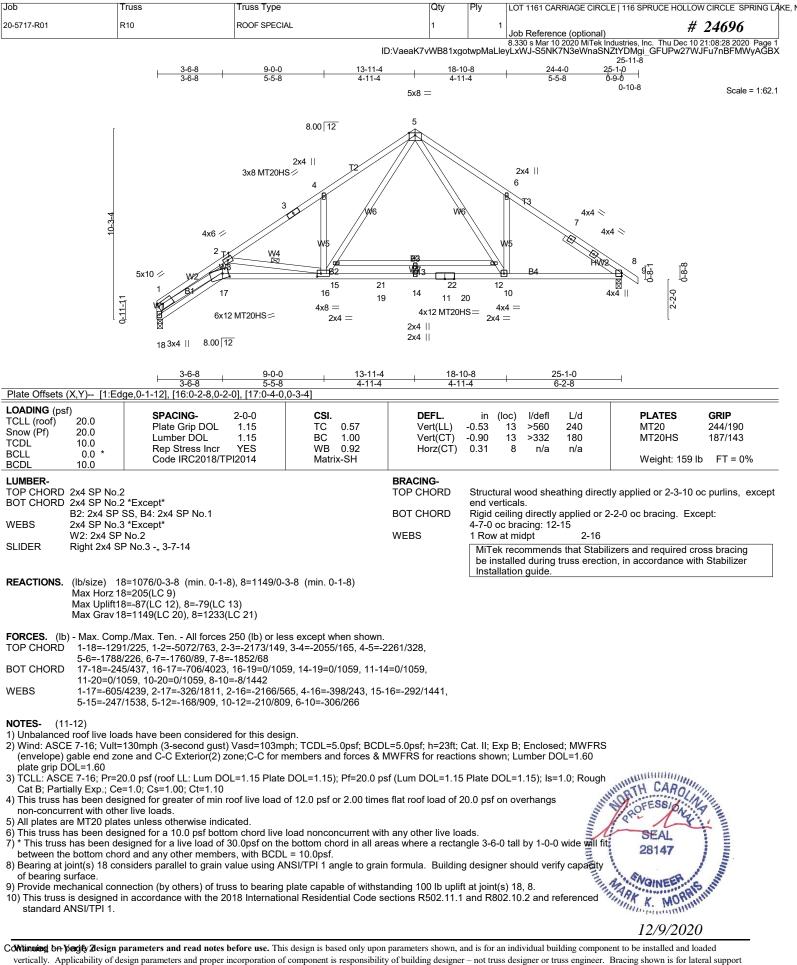
Job	Truss	Truss Type	Qty	Ply	LOT 1161 CARRIAGE CIRCLE 116 SPRUCE HOLLOW CIRCLE SPRING LAKE
20-5717-R01	R09	ROOF SPECIAL	3	1	Job Reference (optional) # 24696
					8.330 s Mar 10 2020 MiTek Industries, Inc. Thu Dec 10 21:08:27 2020 Page 2

ID:VaeaK7vWB81xgotwpMaLleyLxWJ-_vqxv120IUSbIPIMfe9TS2jKGWl6nvblu7Shq4yAGBY

Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

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.

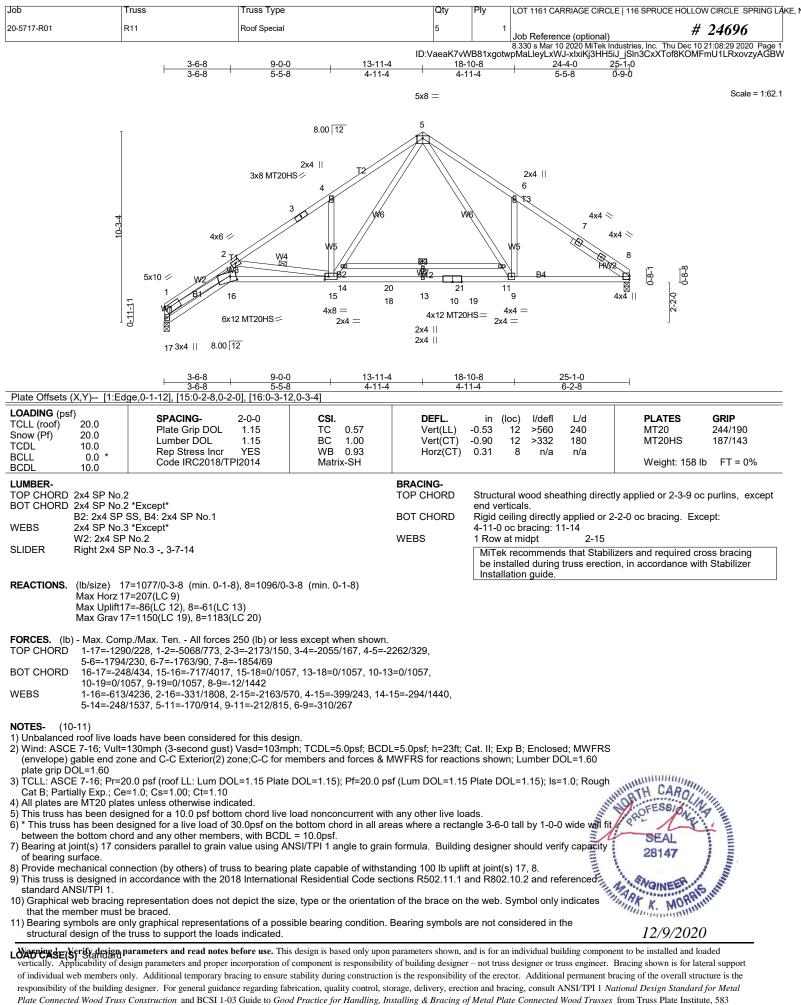
Job	Truss	Truss Type	Qty	Ply	LOT 1161 CARRIAGE CIRCLE 116 SPRU	ICE HOLLOW CIRCLE SPRING LA
20-5717-R01	R10	ROOF SPECIAL	1	1	Job Reference (optional)	# 24696
					8 330 s Mar 10 2020 MiTek Industries Inc.	Thu Dec 10 21:08:28 2020 Page 2

ID:VaeaK7vWB81xgotwpMaLleyLxWJ-S5NK7N3eWnaSNZtYDMgi_GFUPw27WJFu7nBFMWyAGBX

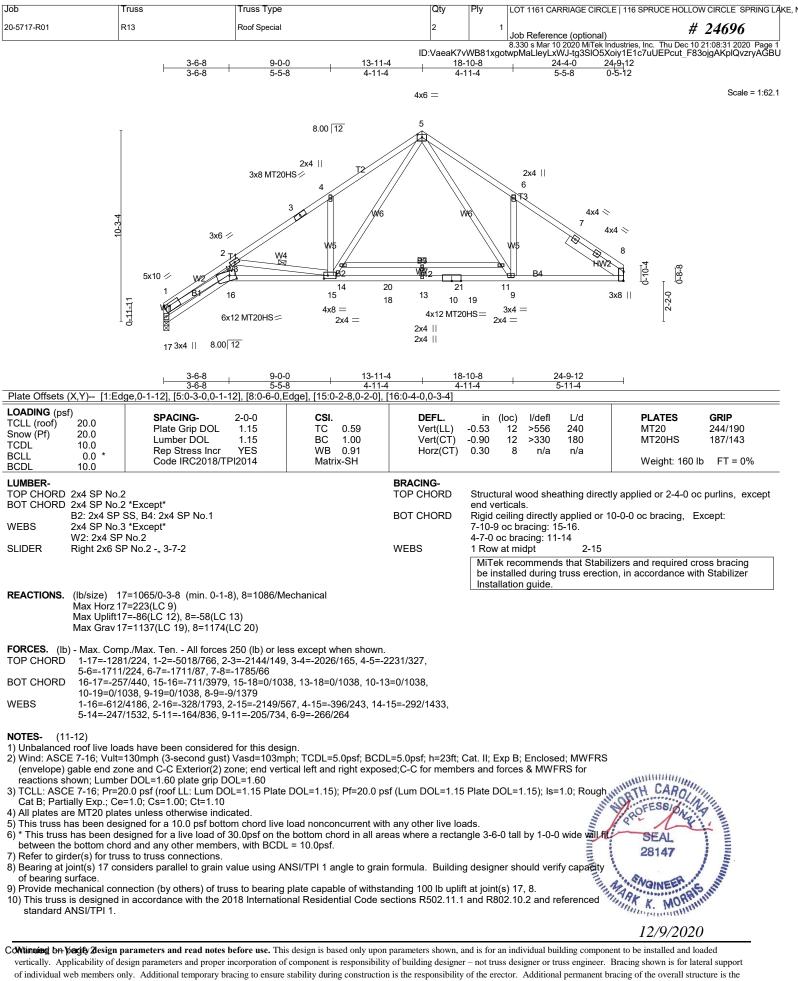
Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
 Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural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

LOAD CASE(S) Standard





D'Onofrio Drive, Madison, WI 53719.



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.

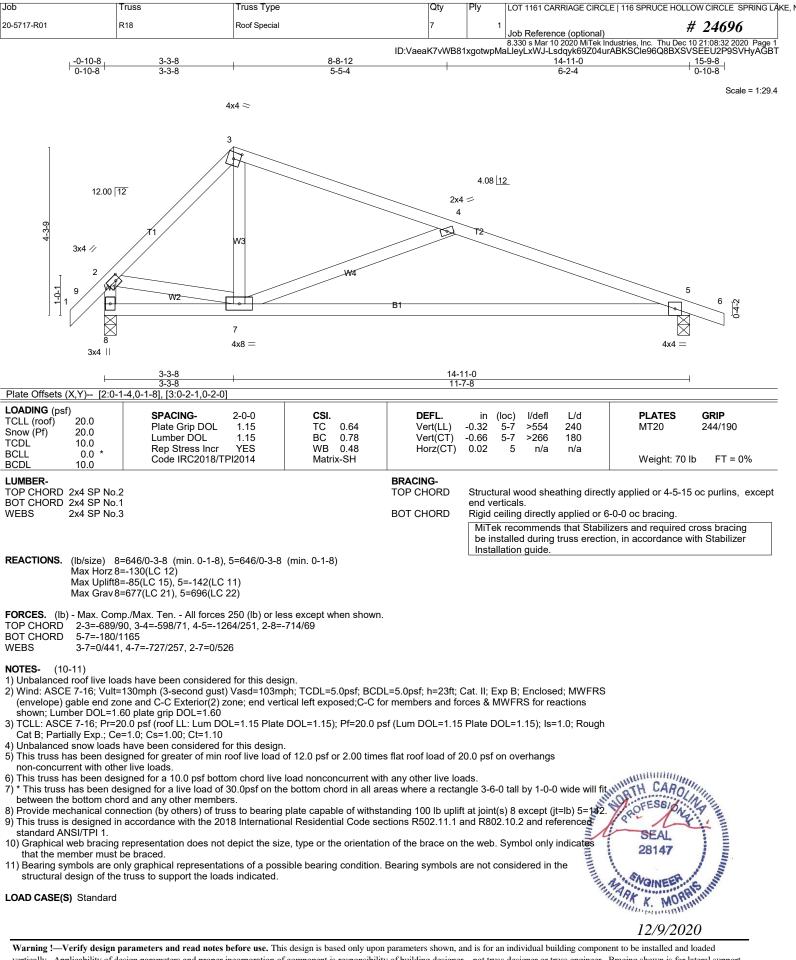
Job	Truss	Truss Type	Qty	Ply	LOT 1161 CARRIAGE CIRCLE 116 SPRUCE HO	OLLOW CIRCLE SPRING LA	KE, M
20-5717-R01	R13	Roof Special	2	1	Job Reference (optional)	# 24696	
					8 330 s Mar 10 2020 MiTek Industries Inc. Thu D	ec 10 21:08:31 2020 Page 2	

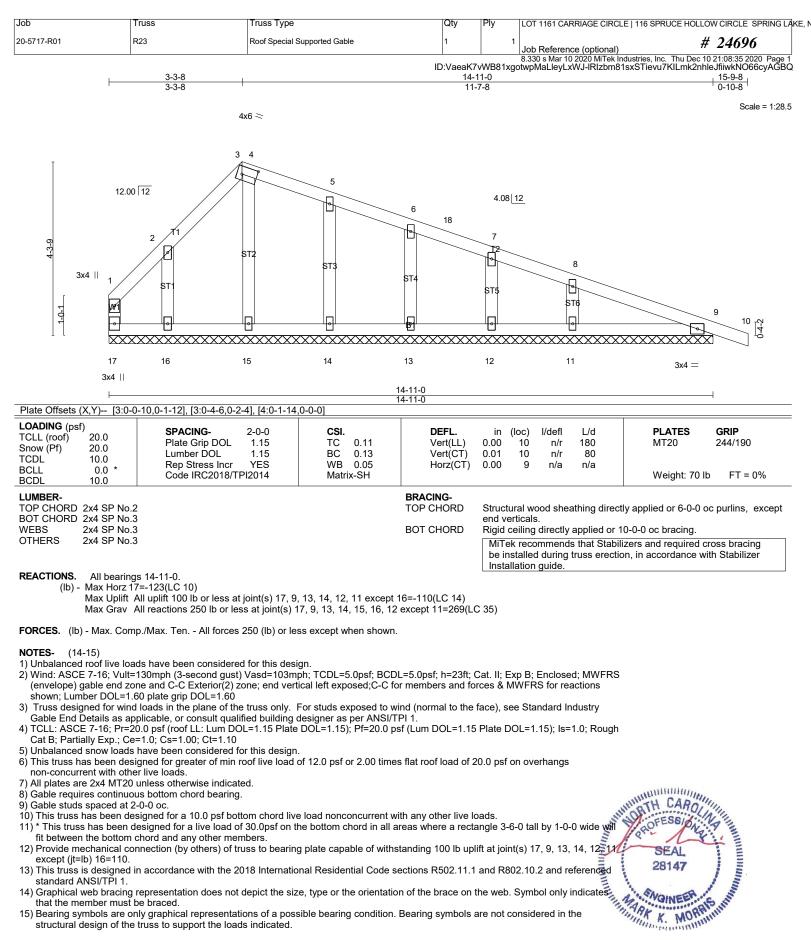
8.330 s Mar 10 2020 Mi Lek Industries, Inc. Thu Dec 10 21:08:31 2020 Page 2 ID:VaeaK7vWB81xgotwpMaLleyLxWJ-tg3SIO5Xoiy1E1c7uUEPcut_F83ojgAKplQvzryAGBU

Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard



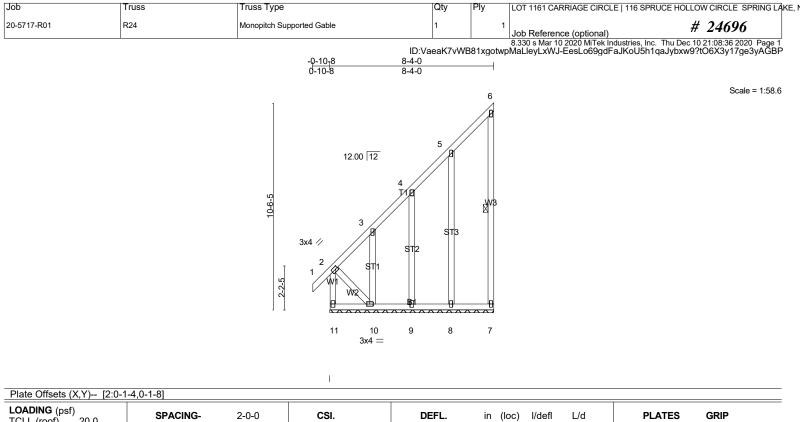




LOAD CASE(S) Standard

Warning !—Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual 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.

12/9/2020



Job

LOADING (pst) TCLL (roof) 20.0 Snow (Pf) 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING-2-0-0Plate Grip DOL1.15Lumber DOL1.15Rep Stress IncrYESCode IRC2018/TPI2014	CSI. TC 0.15 BC 0.11 WB 0.20 Matrix-P	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) l/defl L/ 0.00 1 n/r 18 0.00 1 n/r 8 -0.00 7 n/a n/r	0 MT20 244/190 0					
LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.3 WEBS 2x4 SP No.3 OTHERS 2x4 SP No.3			BRACING- TOP CHORD BOT CHORD WEBS	end verticals. Rigid ceiling directly appl 1 Row at midpt MiTek recommends tha	g directly applied or 6-0-0 oc purlins, except lied or 10-0-0 oc bracing. 6-7 at Stabilizers and required cross bracing s erection, in accordance with Stabilizer					
REACTIONS. All bearings 8-4-0. (lb) - Max Horz 11=295(LC 12) Max Uplift All uplift 100 lb or less at joint(s) 7 except 11=-145(LC 10), 9=-105(LC 12), 10=-396(LC 12), 8=-114(LC 12) 12 Max Grav All reactions 250 lb or less at joint(s) 7 except 11=510(LC 12), 9=268(LC 20), 10=323(LC 20), 8=302(LC 20)										
		ss except when shown.								
 (envelope) gable end zor shown; Lumber DOL=1.6 2) Truss designed for wind Cable End Details as any 	130mph (3-second gust) Vasd=103m he and C-C Exterior(2) zone; end vert i0 plate grip DOL=1.60 loads in the plane of the truss only. I blicable, or consult qualified building of 0.0 psf (roof LL: Lum DOL=1.15 Plate =1.0; Cs=1.00; Ct=1.10 gned for greater of min roof live load of r live loads. unless otherwise indicated. Is bottom chord bearing. d from one face or securely braced ac 0-0 oc. gned for a 10.0 psf bottom chord live esigned for a live load of 30.0psf on the hord and any other members, with B innection (by others) of truss to bearing 5, 8=114. n accordance with the 2018 Internation	ical left exposed;C-C fo For studs exposed to wi	r members and fo	rces & MWFRS for reaction face), see Standard Indust	ns try					

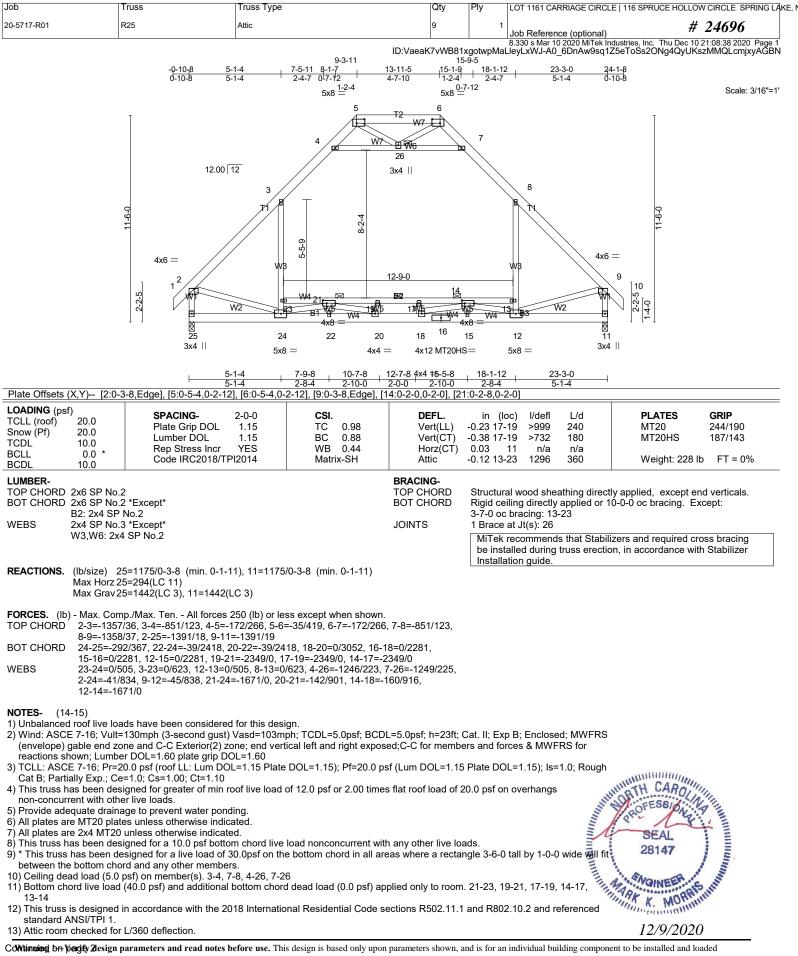
Job	Truss	Truss Type	Qty	Ply	LOT 1161 CARRIAGE CIRCLE 116 SPRUCE HOL	LOW CIRCLE SPRING LA	KE, N
20-5717-R01	R24	Monopitch Supported Gable	1	1	Job Reference (optional)	# 24696	
8 330 s Mar 10 2020 MiTek Industries, Inc. Thu Dec 10 21 08:36 2020, Page 2							

ID:VaeaK7vWB81xgotwpMaLleyLxWJ-EesLo69gdFaJKoU5h1qaJybxw9?tO6X3y17ge3yAGBP

13) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

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.

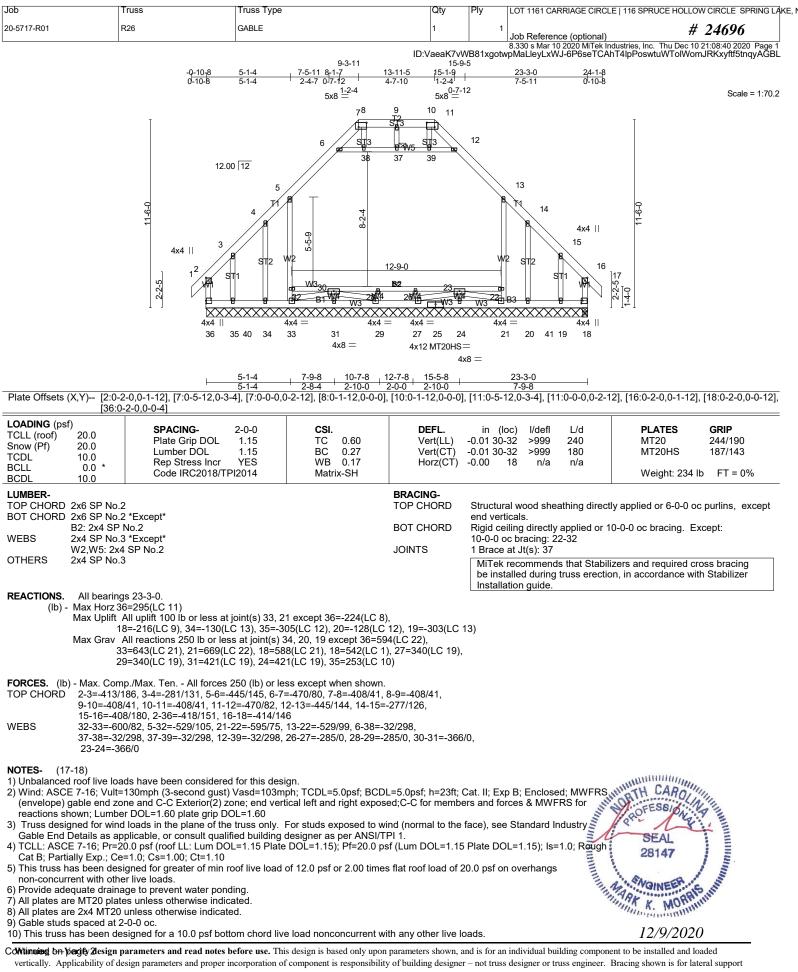
Job	Truss	Truss Type	Qty	Ply	LOT 1161 CARRIAGE CIRCLE 116 SPRUC	E HOLLOW CIRCLE SPRING LA	KE, N
20-5717-R01	R25	Attic	9	1	Job Reference (optional)	# 24696	
					8 330 c Mar 10 2020 MiTek Industries Inc. T	bu Dec 10 21:08:30 2020 Page 2	

8:330 s Mar 10 2020 Mi Tek Industries, Inc. Thu Dec 10 21:08:39 2020 Page 2 ID:VaeaK7vWB81xgotwpMaLleyLxWJ-eDYUQ7BYwAyuBFDgMANHxaDFAMqZbQcWf?MKFNyAGBM

14) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

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 1161 CARRIAGE CIRCLE 116 SPRUCE H	OLLOW CIRCLE SPRING LA	(E, N
	20-5717-R01	R26	GABLE	1	1	Job Reference (optional)	# 24696	
8.330 s Mar 10 2020 MiTek Industries, Inc. Thu Dec 10 21:08:41 2020 Page 2 ID:VaeaK7vWB81xgotwpMaLleyLxWJ-abgErpDoSnDcQZN2UaPI0?IhXAfg3OCp6JrRKGyAGBK								ļ

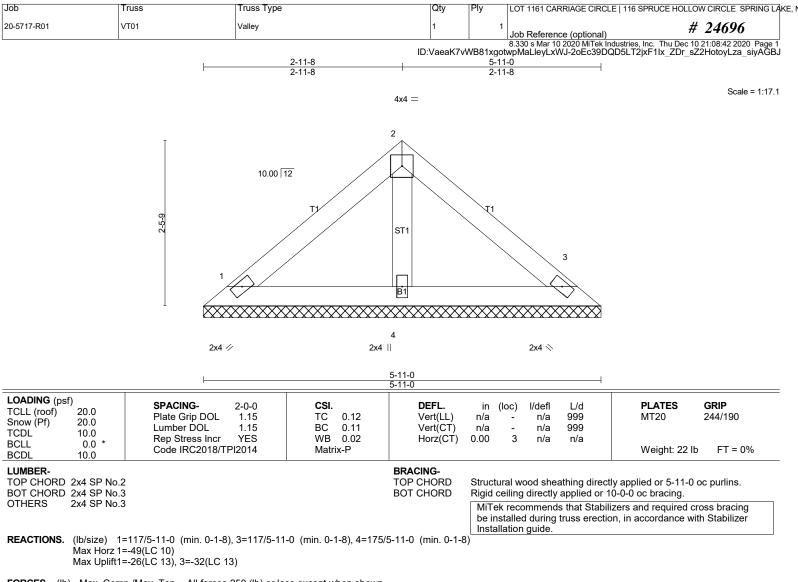
NOTES- (17-18)

- 11) * 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.
- 12) Ceiling dead load (5.0 psf) on member(s). 5-6, 12-13, 6-38, 37-38, 37-39, 12-39
- 13) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 30-32, 28-30, 26-28, 23-26, 22-23
 14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 33, 21 except (jt=lb) 36=224, 18=216, 34=130, 35=305, 20=128. 19=303.
- 15) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 16) Attic room checked for L/360 deflection.
- 17) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard



12/9/2020



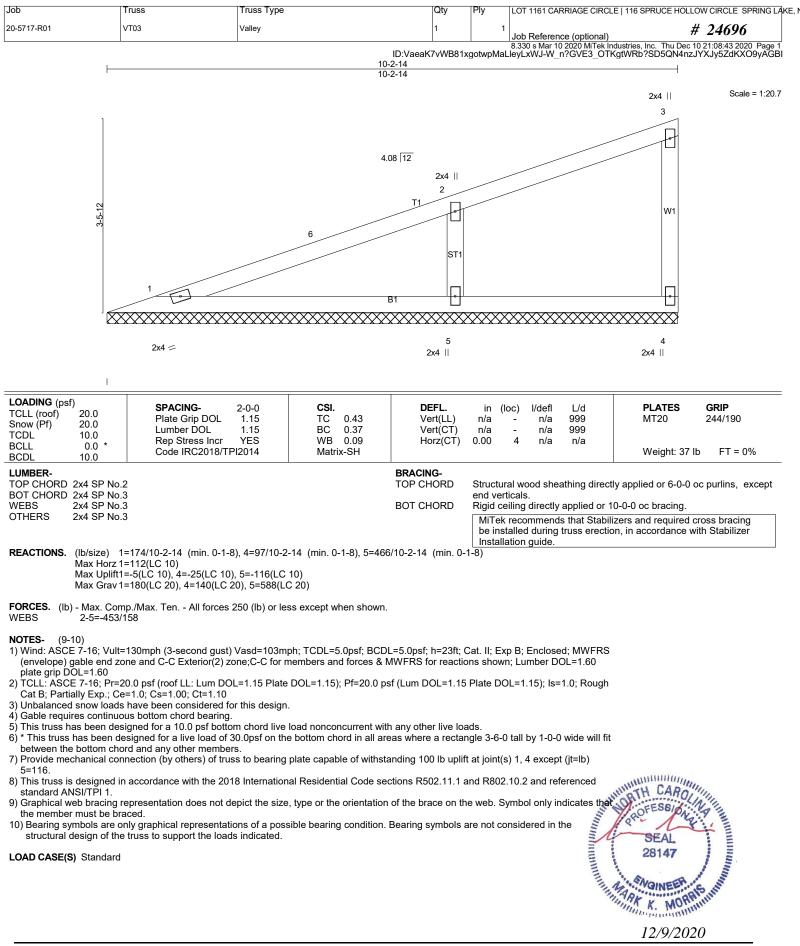
FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

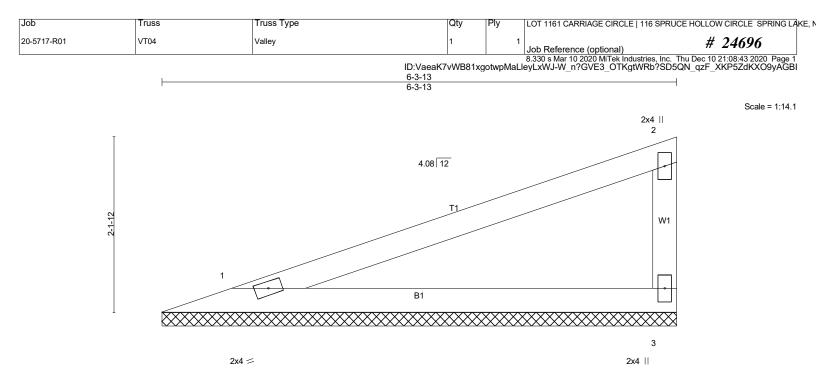
NOTES- (9-10)

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- 4) Gable requires continuous bottom chord bearing.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
- 8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 9) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard







LOADING (psf) TCLL (roof) 20.0 Snow (Pf) 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2018/TPI2014	CSI. TC 0.81 BC 0.60 WB 0.00 Matrix-P	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) l/defl L/d n/a - n/a 999 n/a - n/a 999 0.00 n/a n/a	PLATES GRIP MT20 244/190 Weight: 20 lb FT = 0%
LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.3 WEBS 2x4 SP No.3			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing direc end verticals. Rigid ceiling directly applied or	tly applied or 6-3-13 oc purlins, except 10-0-0 oc bracing.
					lizers and required cross bracing on, in accordance with Stabilizer

REACTIONS. (lb/size) 1=212/6-3-13 (min. 0-1-8), 3=212/6-3-13 (min. 0-1-8) Max Horz 1=64(LC 10) Max Uplift1=-31(LC 10), 3=-53(LC 10) Max Grav 1=284(LC 20), 3=284(LC 20)

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

NOTES- (9-10)

- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- 3) Unbalanced snow loads have been considered for this design.
- 4) Gable requires continuous bottom chord bearing.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
- 8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 9) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard

