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 #: 24694 JOB: 20-5716-R01 JOB NAME: LOT 1160 CARRIAGE CIRCLE Wind Code: 37 Wind Speed: Vult= 130mph Exposure Category: B Mean Roof Height (feet): 23

22 Truss Design(s)

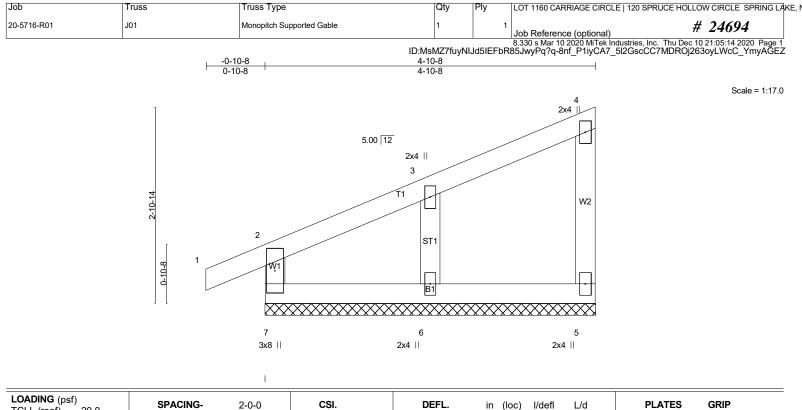
Trusses:

J01, J02, PB01, PB02, R01, R02, R03, R03A, R04, R05, R06, R07, R08, R09, R10, R11, VT01, VT02, VT03, VT04, VT05, VT06



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*



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	TC 0.12 V BC 0.08 V	EFL. in (ert(LL) -0.00 ert(CT) -0.00 orz(CT) 0.00	1 n/r 1 1 n/r	L/d 80 80 n/a	PLATES MT20 Weight: 23 lb	GRIP 244/190 FT = 0%
LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.3 WEBS 2x4 SP No.3 OTHERS 2x4 SP No.3		BRACI TOP C BOT C	IORD Structu end ver IORD Rigid co MiTek be ins	erticals. ceiling directly app k recommends th	plied or 10 nat Stabiliz	v applied or 4-10-8 o -0-0 oc bracing. ters and required cr n, in accordance wit	oss bracing

REACTIONS. (lb/size) 7=151/4-10-8 (min. 0-1-8), 5=76/4-10-8 (min. 0-1-8), 6=200/4-10-8 (min. 0-1-8) Max Horz 7=74(LC 14) Max Uplift7=-7(LC 10), 5=-18(LC 14), 6=-80(LC 14)

Max Grav 7=219(LC 21), 5=106(LC 21), 6=274(LC 21)

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

NOTES-(13-14)

- 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) 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
- 3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs
- non-concurrent with other live loads. Gable requires continuous bottom chord bearing.
- 7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- Gable studs spaced at 2-0-0 oc.
- 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 will the CAROUS
 11) Provide mechanical connection (by others) of true tails PROFESS/ 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 7 lb uplift at joint 7, 18 lb uplift at joint 5 and

SEAL

28147

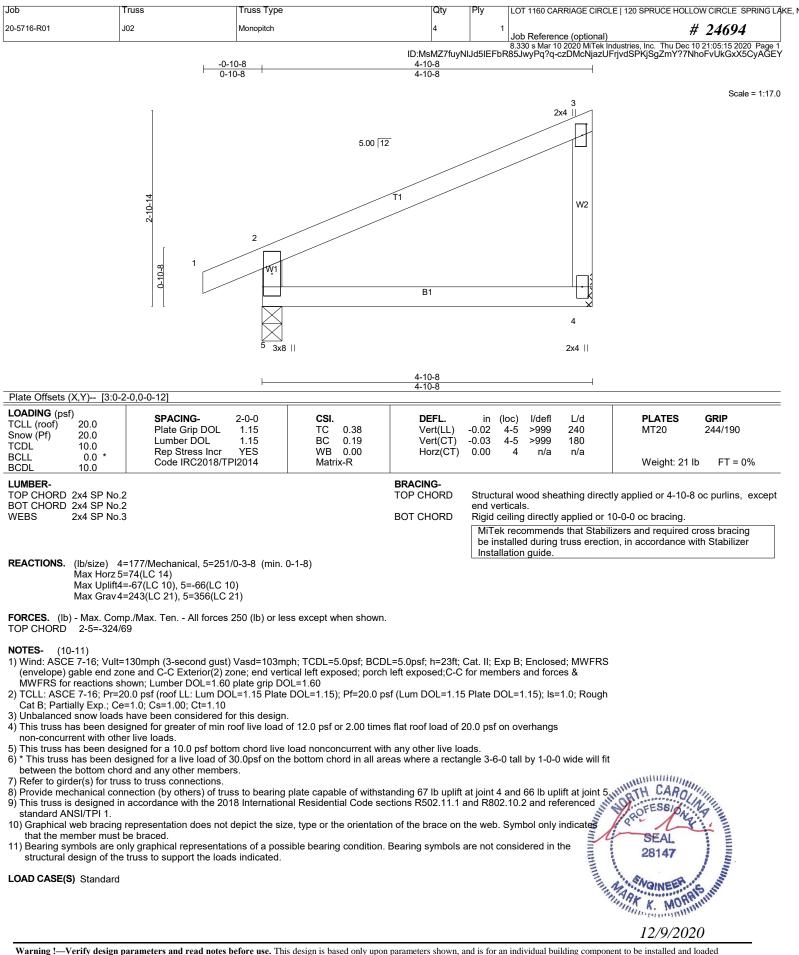
VOINES

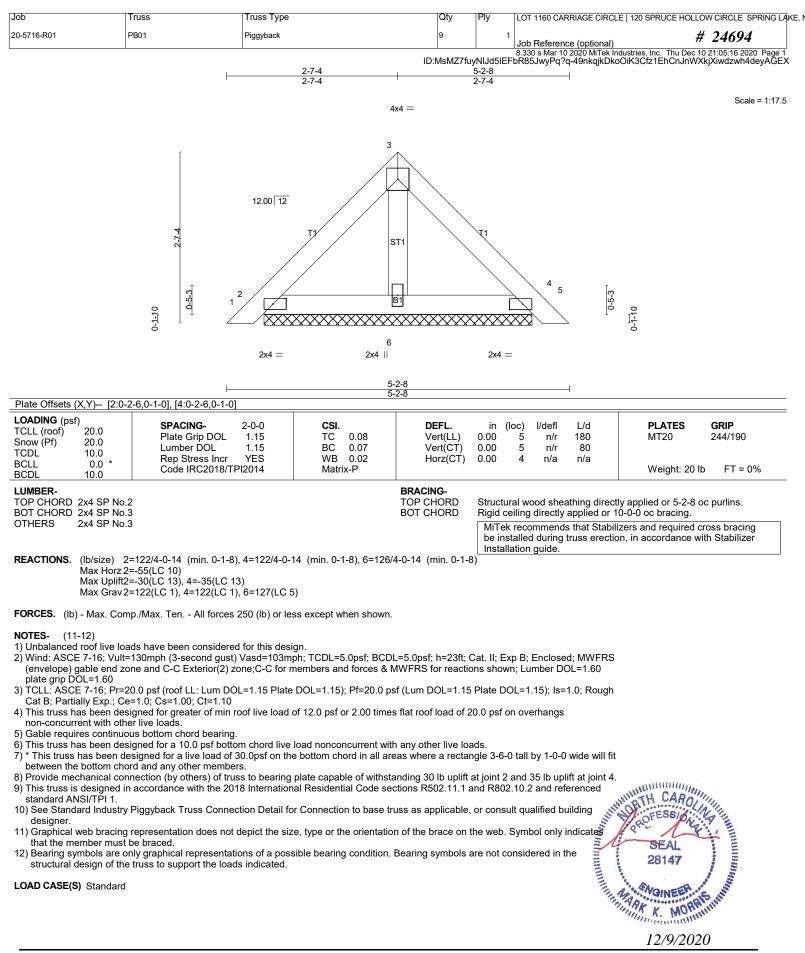
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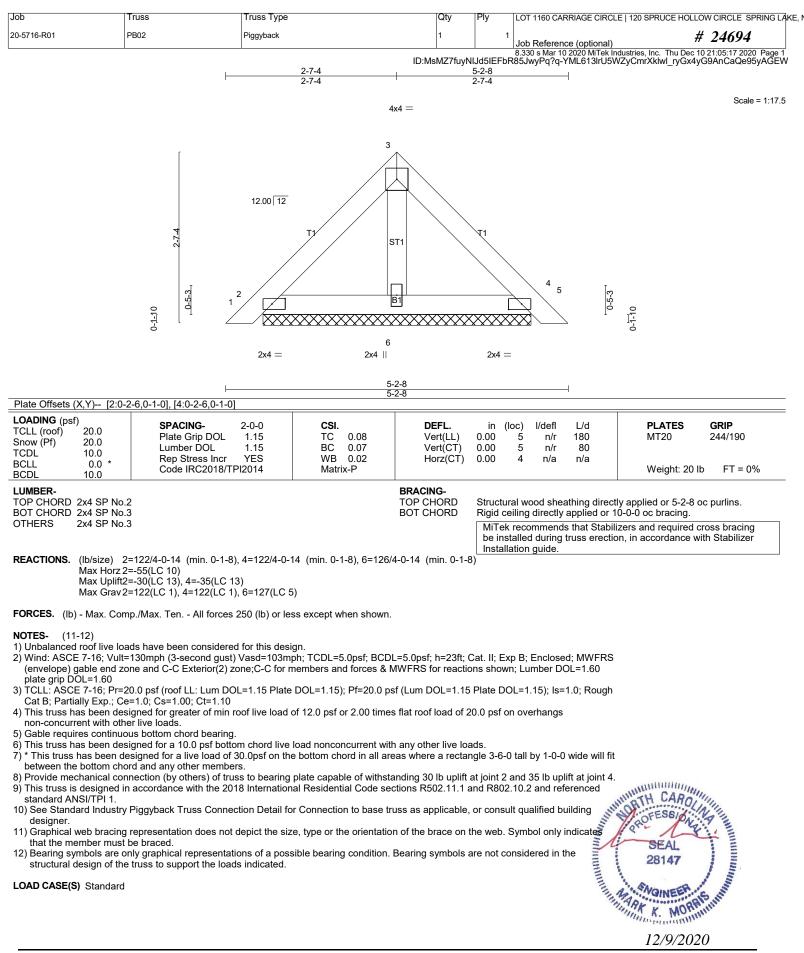
12/9/2020

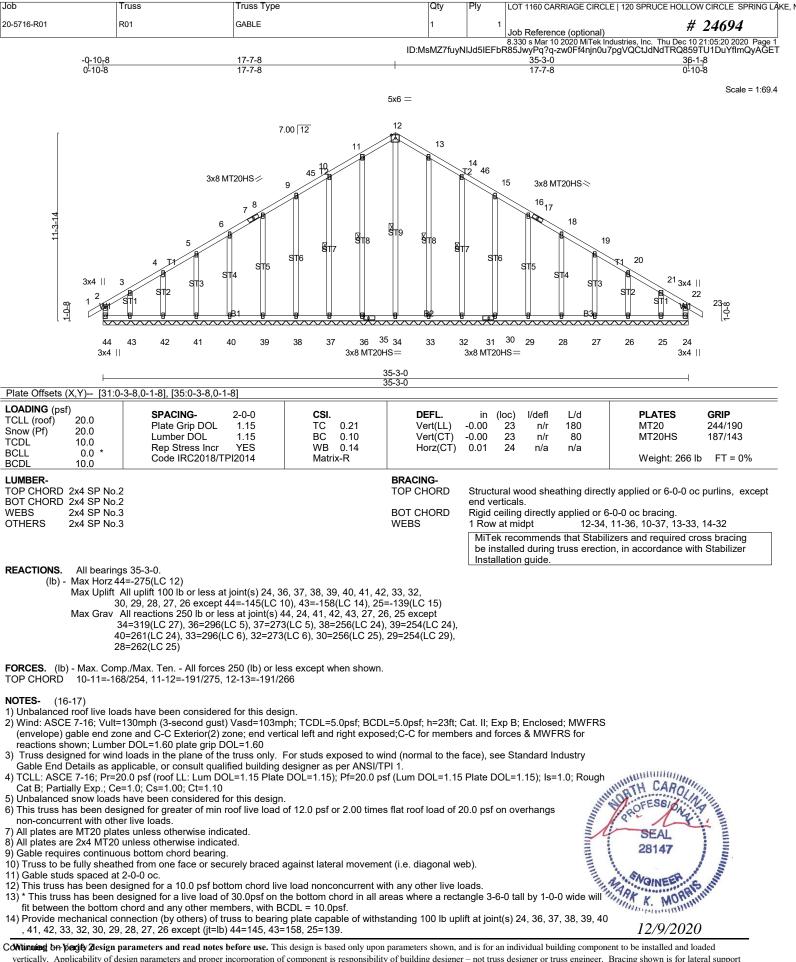
- 80 lb uplift at joint 6.
- 12) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 13) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates Annunder 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 1160 CARRIAGE CIRCLE 120 SPRU	CE HOLLOW CIRCLE SPRING LAP	KE, N
20-5716-R01	R01	GABLE	1		1 Job Reference (optional)	# 24694	
					8 330 c Mar 10 2020 MiTek Industries Inc.	Thu Dec 10 21:05:21 2020 Page 2	

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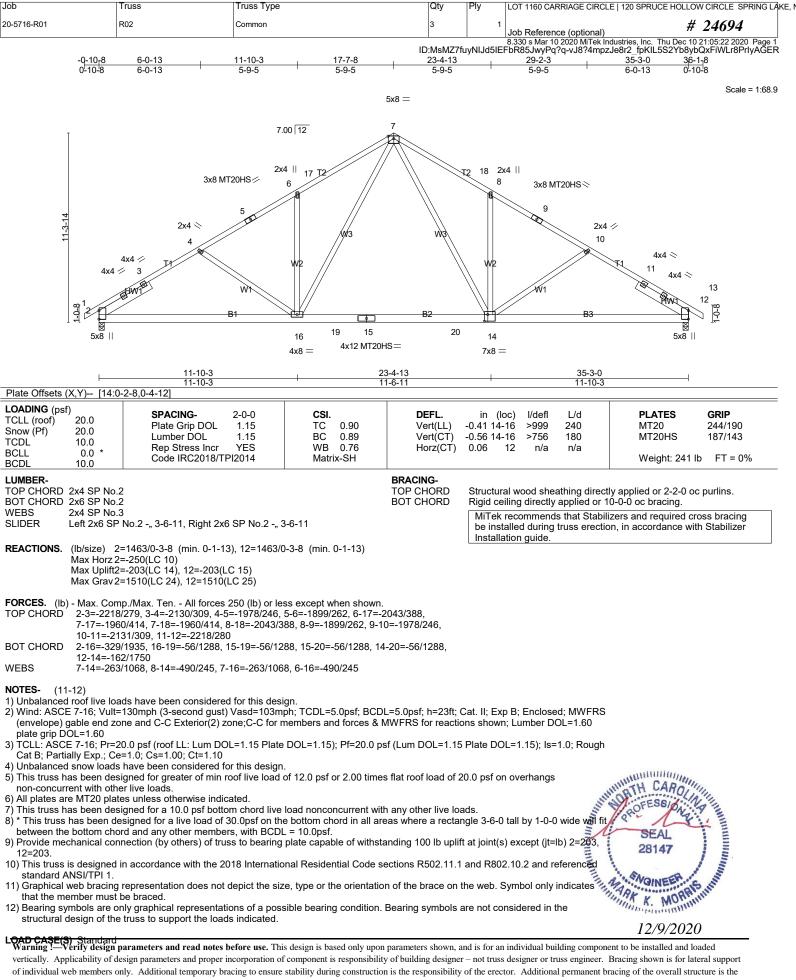
NOTES- (16-17)

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.

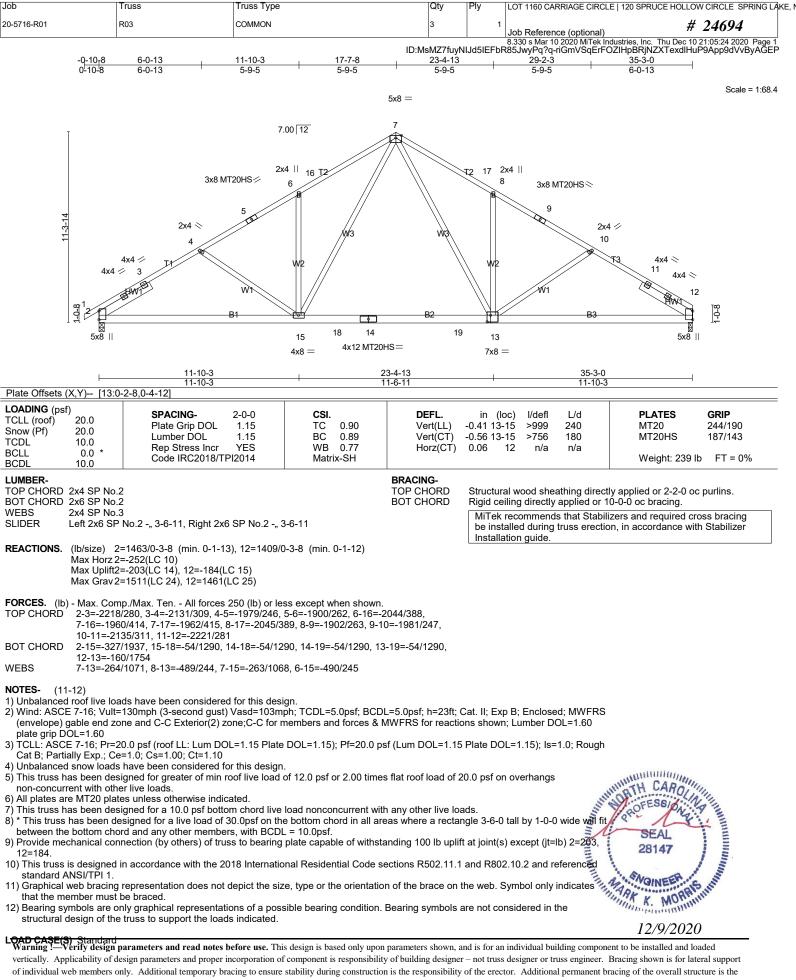
16) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
 17) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the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

LOAD CASE(S) Standard

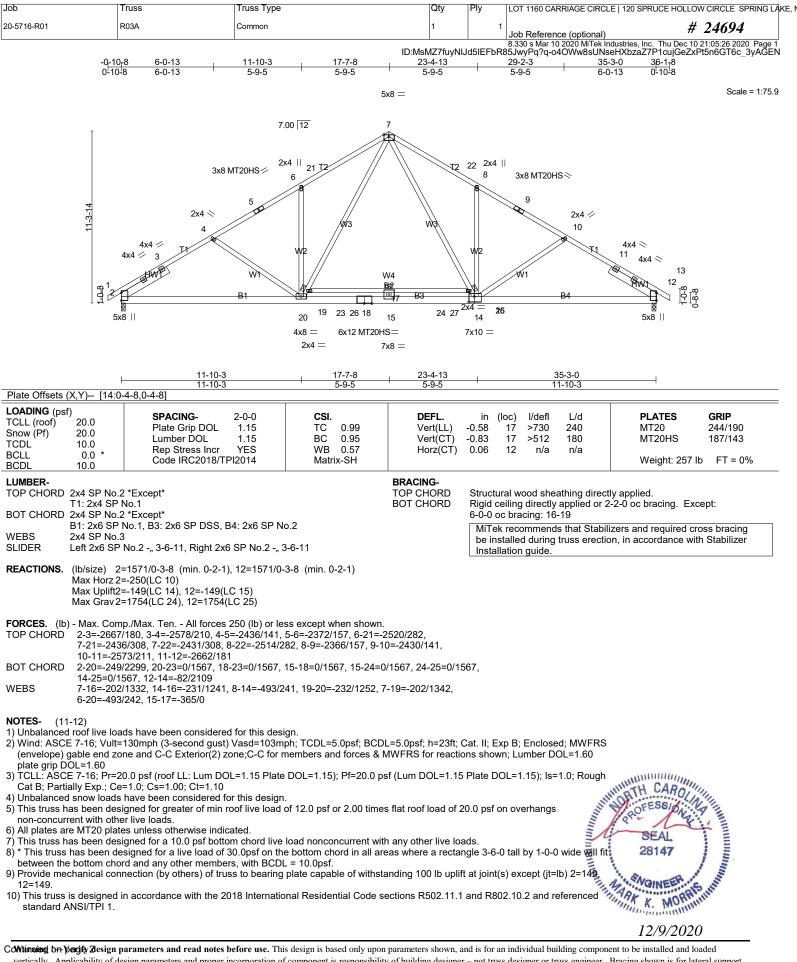




responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 National Design Standard for Metal Plate Connected Wood Truss Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing &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



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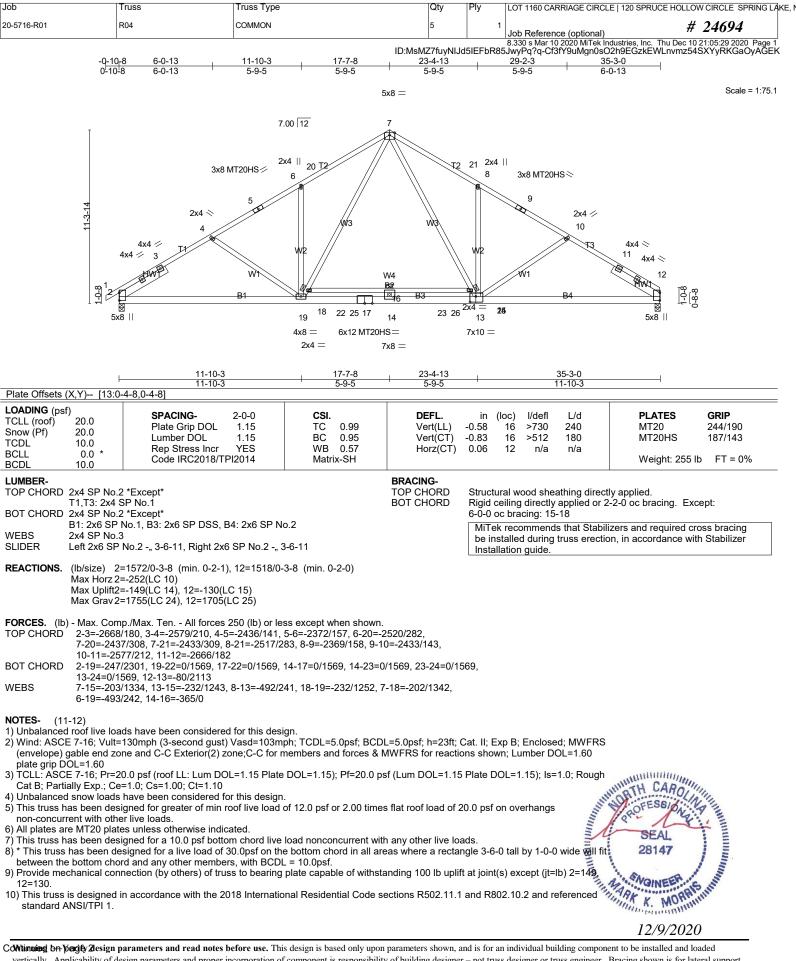
Job	Truss	Truss Type	Qty	Ply	LOT 1160 CARRIAGE CIRCLE 120 SPRU	JCE HOLLOW CIRCLE SPRING LA	KE, I
20-5716-R01	R03A	Common	1	1	Job Reference (optional)	# 24694	
					8 330 s Mar 10 2020 MiTek Industries Inc.	Thu Dec 10 21:05:27 2020 Page 2	

ID:MsMZ7fuyNIJd5IEFbR85JwyPq?q-GHxu7Us68Am89IXm6rxG95GROzHecY1FV7rAWWyAGEM

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





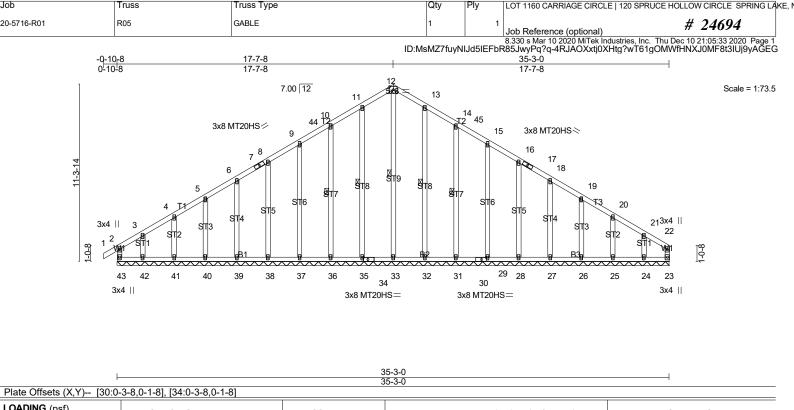
Job	Truss	Truss Type	Qty	Ply	LOT 1160 CARRIAGE CIRCLE 120 SPRUCE	EHOLLOW CIRCLE SPRING LA
20-5716-R01	R04	COMMON	5	1	Job Reference (optional)	# 24694
					8 330 s Mar 10 2020 MiTek Industries Inc. Th	U Dec 10 21:05:30 2020 Page 2

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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





Qtv

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 0.20 BC 0.10 WB 0.14 Matrix-R	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) -0.00 1 -0.00 1 0.01 23	l/defl n/r n/r n/a	L/d 180 80 n/a	PLATES MT20 MT20HS Weight: 264 lb	GRIP 244/190 187/143 FT = 0%
LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2	BRACING- TOP CHORD	Structural v end vertica		athing direc	tly applied or 6-0-0 oc l	purlins, except		

BOT CHORD

WFBS

Rigid ceiling directly applied or 6-0-0 oc bracing.

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

1 Row at midpt

Installation guide.

12-33, 11-35, 10-36, 13-32, 14-31

12/9/2020

REACTIONS.	All bearings 35-3-0
	•

2x4 SP No 3

2x4 SP No 3

(lb) - Max Horz 43=243(LC 13)

Max Uplift All uplift 100 lb or less at joint(s) 23, 35, 36, 37, 38, 39, 40, 41, 32, 31,

29, 28, 27, 26, 25 except 43=-140[LC 10), 42=-167(LC 14), 24=-142(LC 15) Max Grav All reactions 250 lb or less at joint(s) 43, 23, 40, 41, 42, 26, 25, 24 except

- 33=319(LC 27), 35=296(LC 5), 36=273(LC 5), 37=256(LC 24), 38=254(LC 28), 39=261(LC 24), 32=296(LC 6), 31=273(LC 6), 29=256(LC 25), 28=254(LC 25), 27=261(LC 25)
- FORCES. (Ib) Max. Comp./Max. Ten. All forces 250 (Ib) or less except when shown.

TOP CHORD 10-11=-164/257, 11-12=-187/278, 12-13=-187/269

NOTES-(16-17)

WFBS

OTHERS

Job

Truss

- 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) 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.
- Rough Rough Secoression SEAL 28147 SEAL 28147 38, 39 4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- 5) Unbalanced snow loads have been considered for this design.
- 6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs
- non-concurrent with other live loads.
- 7) All plates are MT20 plates unless otherwise indicated.
- 8) All plates are 2x4 MT20 unless otherwise indicated. 9) Gable requires continuous bottom chord bearing.
- 10) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 11) Gable studs spaced at 2-0-0 oc.
- 12) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 13) * 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.
- 14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 23, 35, 36, 37, 38, 39 , 40, 41, 32, 31, 29, 28, 27, 26, 25 except (jt=lb) 43=140, 42=167, 24=142.
- Continuing by performance provide and 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.

[Job	Truss	Truss Type	Qty	Ply	LOT 1160 CARRIAGE CIRCLE 120 SPRUCE HOLLOW CIRCLE SPRING	JLAKE, №
	20-5716-R01	R05	GABLE	1	1	Job Reference (optional) # 24694	
			D	:MsMZ7fu		8.330 s Mar 10 2020 MiTek Industries, Inc. Thu Dec 10 21:05:34 2020 Pac FbR85JwyPq?q-ZdtYbtyVUKf8Vqa61pZvxa2q1ntYlpVH6j21GcyA0	

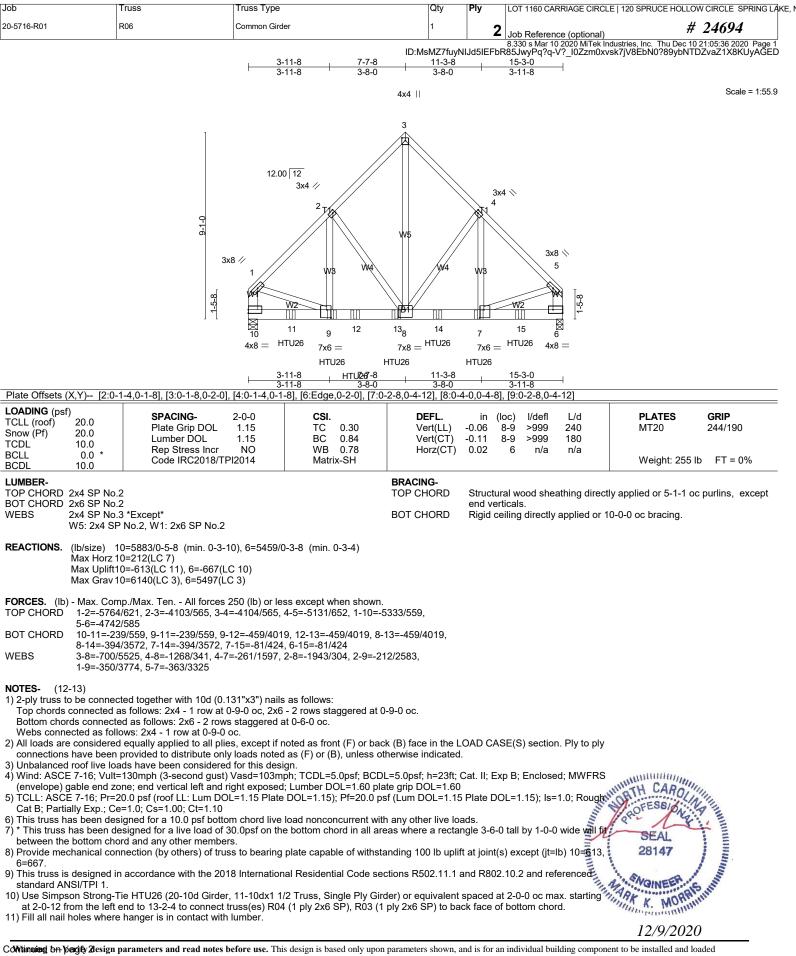
NOTES- (16-17)

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) 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





Job	Truss	Truss Type	Qty	Ply	LOT 1160 CARRIAGE CIRCLE 120 SPR	RUCE HOLLOW CIRCLE SPRING LAK
20-5716-R01	R06	Common Girder	1	2	Job Reference (optional)	# 24694
					9 220 a Mar 10 2020 MiTak Industrian Inc	Thu Dec 10 21:05:26 2020 Decc 2

ID:MsMZ7fuyNIJd5IEFbR85JwyPq?q-V?_I0Zzm0xvsk7jV8EbN0?89ybNTDZvaZ1X8KUyAGED

12) 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. 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.

LOAD CASE(S) Standard

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

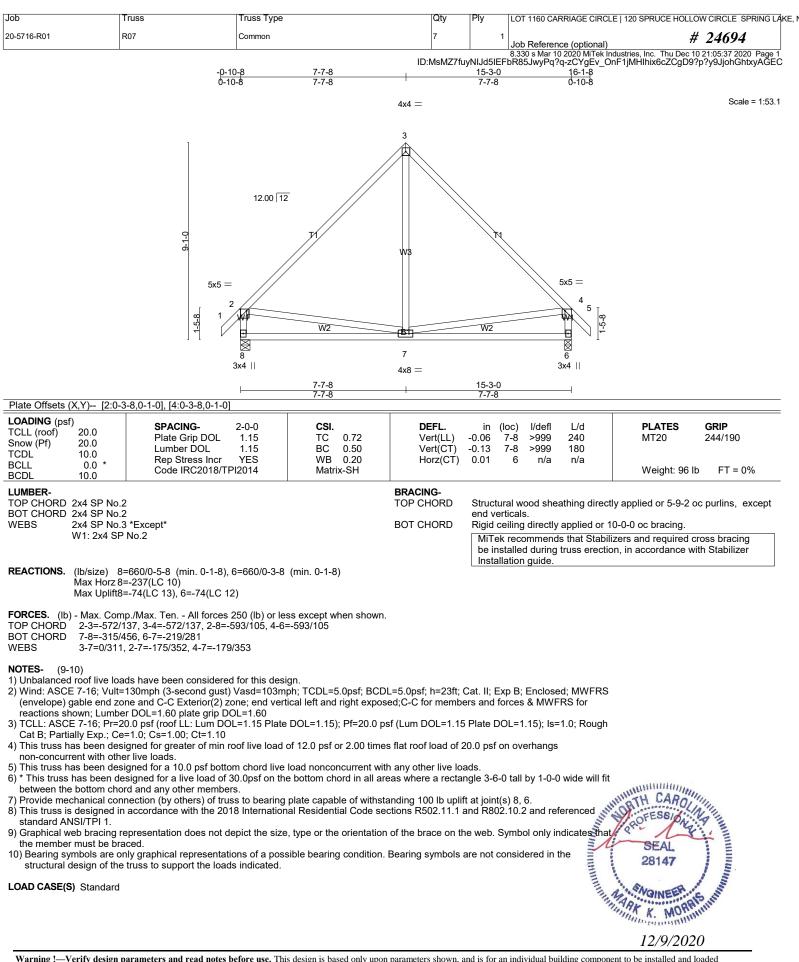
Uniform Loads (plf)

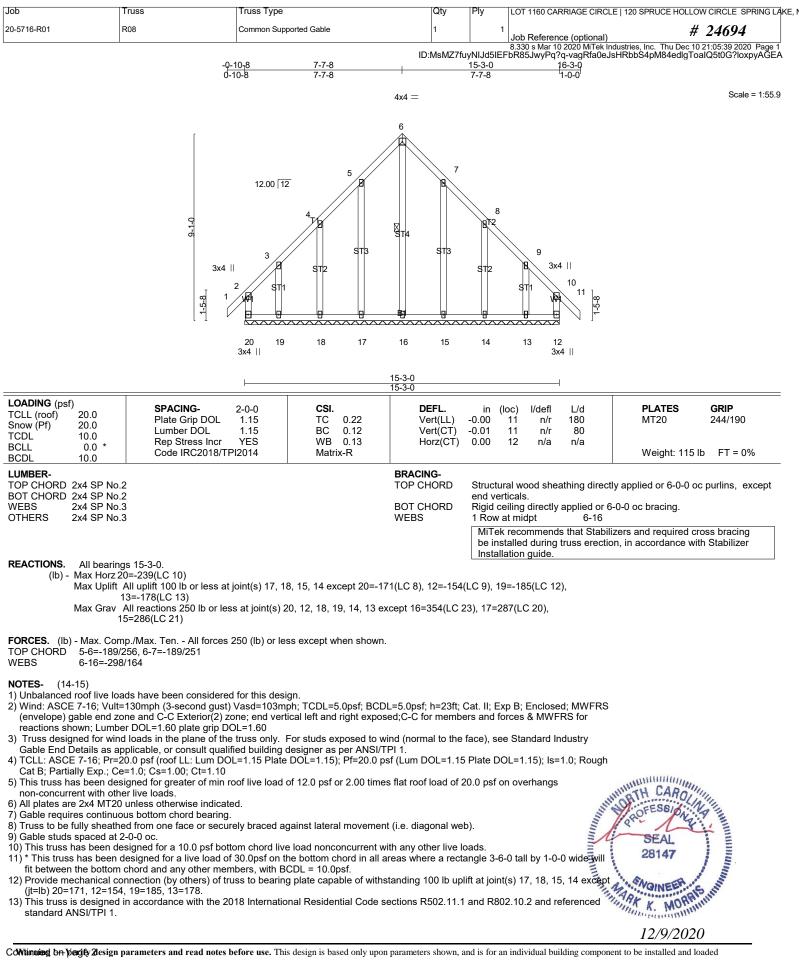
Vert: 1-3=-60, 3-5=-60, 6-10=-20

Concentrated Loads (lb) Vert: 7=-1389(B) 9=-1498(B) 11=-1498(B) 12=-1498(B) 13=-1498(B) 14=-1389(B) 15=-1389(B)



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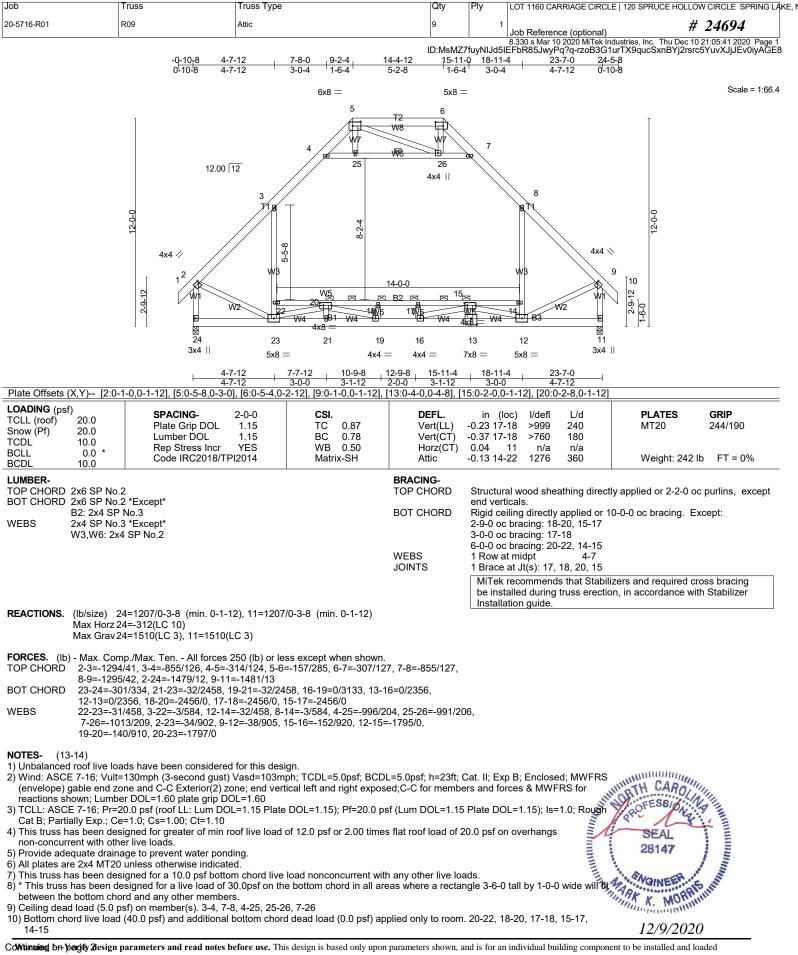
Job	Truss	Truss Type	Qty	Ply	LOT 1160 CARRIAGE CIRCLE 120 SPRUCE HOLLOW CIRCLE SPRING LA	KE, N
20-5716-R01	R08	Common Supported Gable	1	1	Job Reference (optional) # 24694	
					8.330 s Mar 10 2020 MiTek Industries, Inc. Thu Dec 10 21:05:40 2020 Page 2	

ID:MsMZ7fuyNIJd5IEFbR85JwyPq?q-NnEpsw0G4APIDI1GN4gJArlrDCwX9Y79UfVMTFyAGE9

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.
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LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	LOT 1160 CARRIAGE CIRCLE 120 SPRUCE HOLLOW CIRCLE SPRING	LAKE, N
20-5716-R01	R09	Attic	9		¹ Job Reference (optional) # 24694	
					9 220 a Mar 10 2020 MiTak Industrias, Inc. Thu Dog 10 21:05:42 2020, Dog	

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NOTES- (13-14)

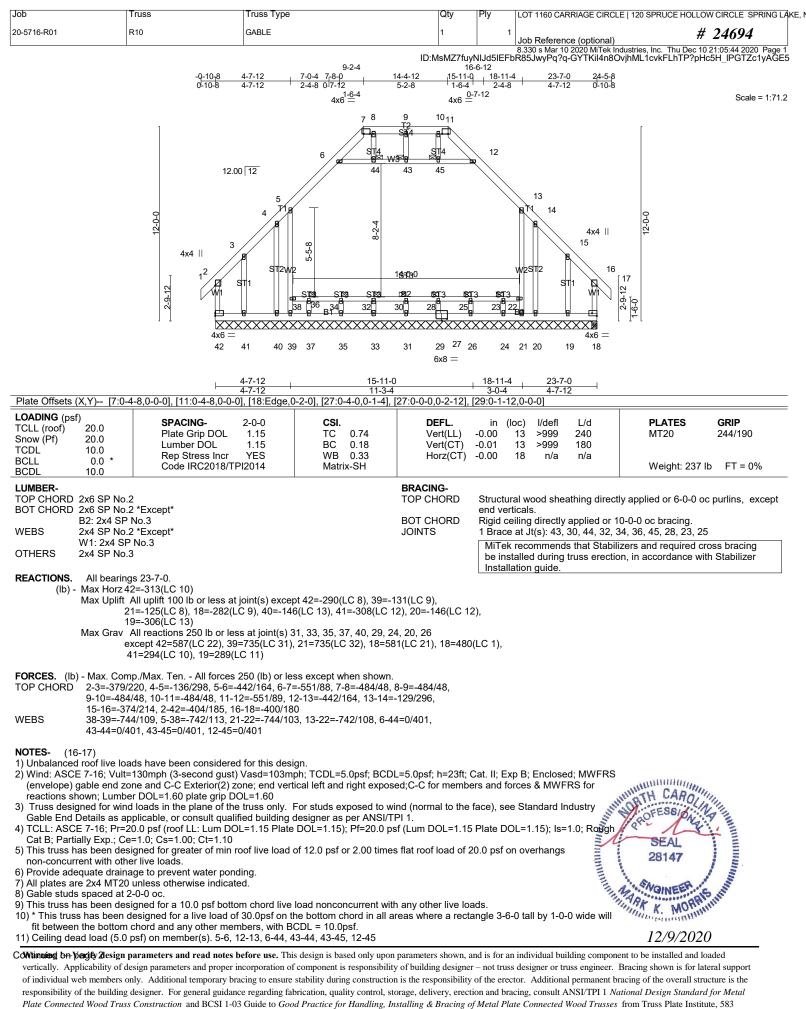
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

12) Attic room checked for L/360 deflection.

(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





D'Onofrio Drive, Madison, WI 53719.

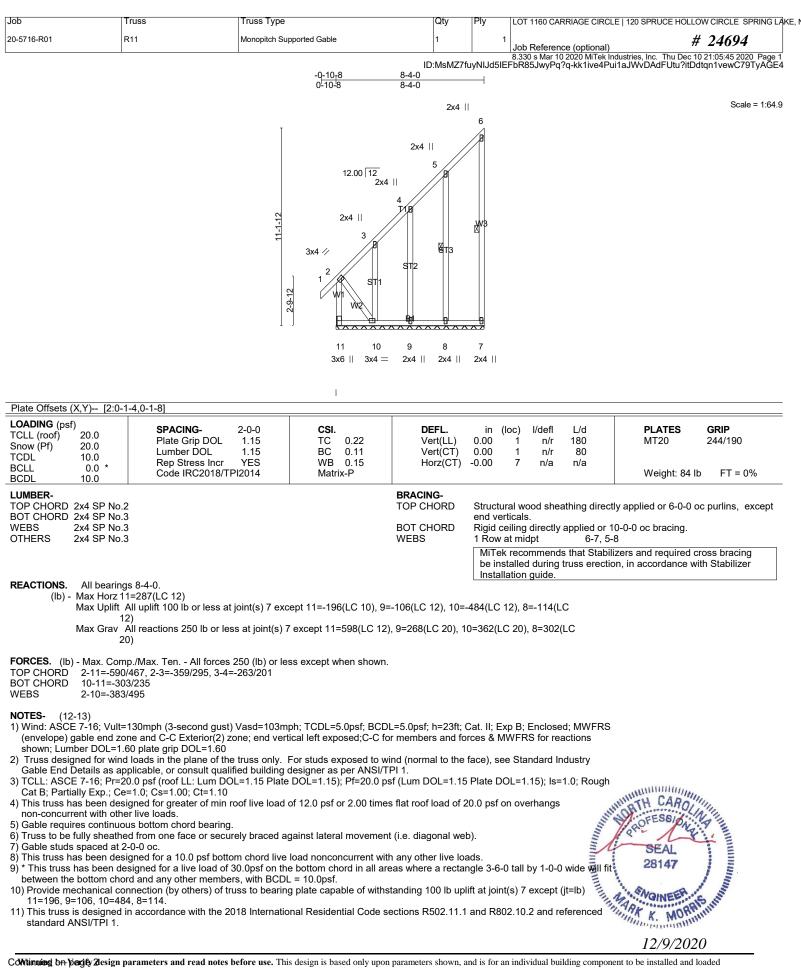
Job	Truss	Truss Type	Qty	Ply	LOT 1160 CARRIAGE CIRCLE 120 SPRUCE HOLLOW CIRCLE SPRING LAKE
20-5716-R01	R10	GABLE	1	1	Job Reference (optional) # 24694
	·	ID:N	lsMZ7fuyl	NIJd5IEFb	8.330 s Mar 10 2020 MiTek Industries, Inc. Thu Dec 10 21:05:44 2020 Page 2 R85JwyPq?q-GYTKil4n8OvjhML1cvkFLhTP?pHc5H_IPGTZc1yAGE5

NOTES- (16-17)

- 12) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 36-38, 34-36, 32-34, 30-32, 28-30, 25-28, 23-25, 22-23 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 290 lb uplift at joint 42, 131 lb uplift at joint 39, 125 lb uplift at joint 21, 282 lb uplift
- at joint 18, 146 lb uplift at joint 40, 308 lb uplift at joint 41, 146 lb uplift at joint 20 and 306 lb uplift at joint 19.
- 14) 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.
- 15) Attic room checked for L/360 deflection.
- 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





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 🖗 I 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) 7 except (jt=lb) 11=196. 9=106. 10=484. 8=114.

11) 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.

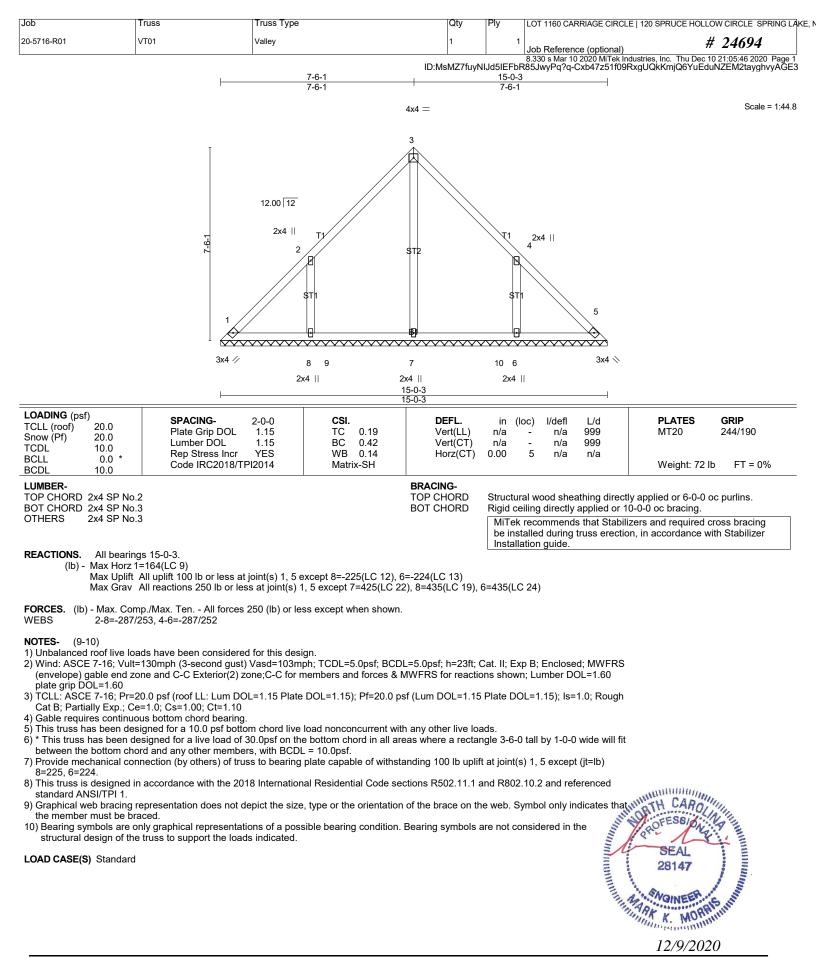
Job	Truss	Truss Type	Qty	Ply	LOT 1160 CARRIAGE CIRCLE 120 SPRUCE HOLLOW CIRCLE SPRING LA	<e, 1<="" th=""></e,>
20-5716-R01	R11	Monopitch Supported Gable	1	1	Job Reference (optional) # 24694	
					8.330 s Mar 10 2020 MiTek Industries, Inc. Thu Dec 10 21:05:46 2020 Page 2	

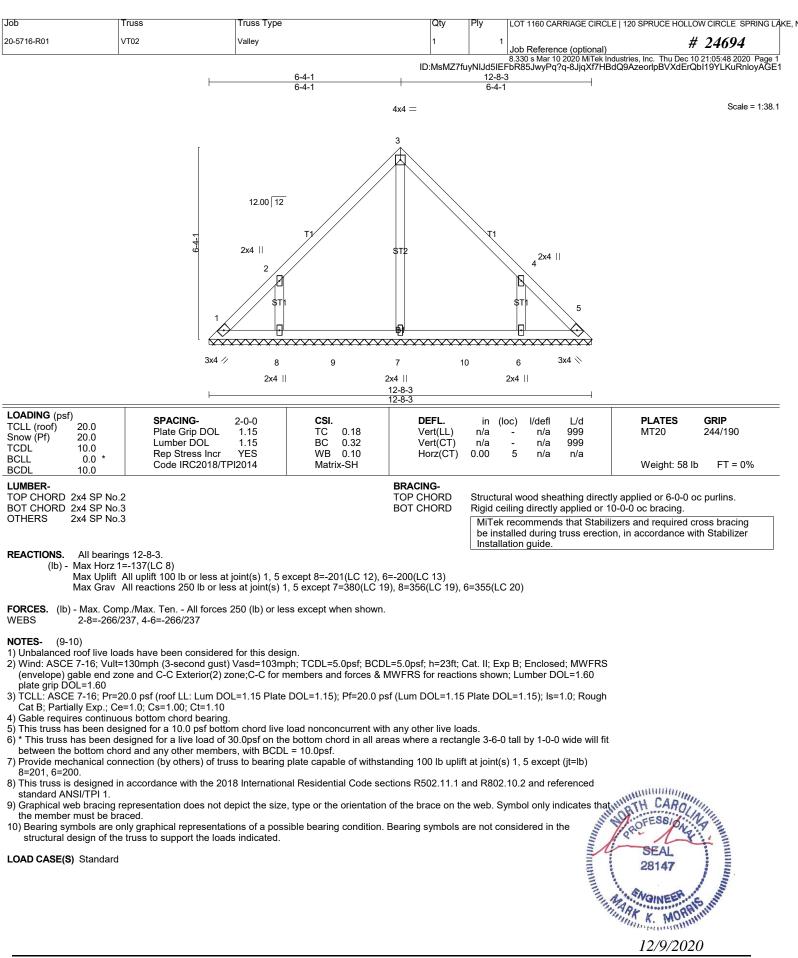
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12) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
 13) Bearing symbols are only graphical representations of a possible bearing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

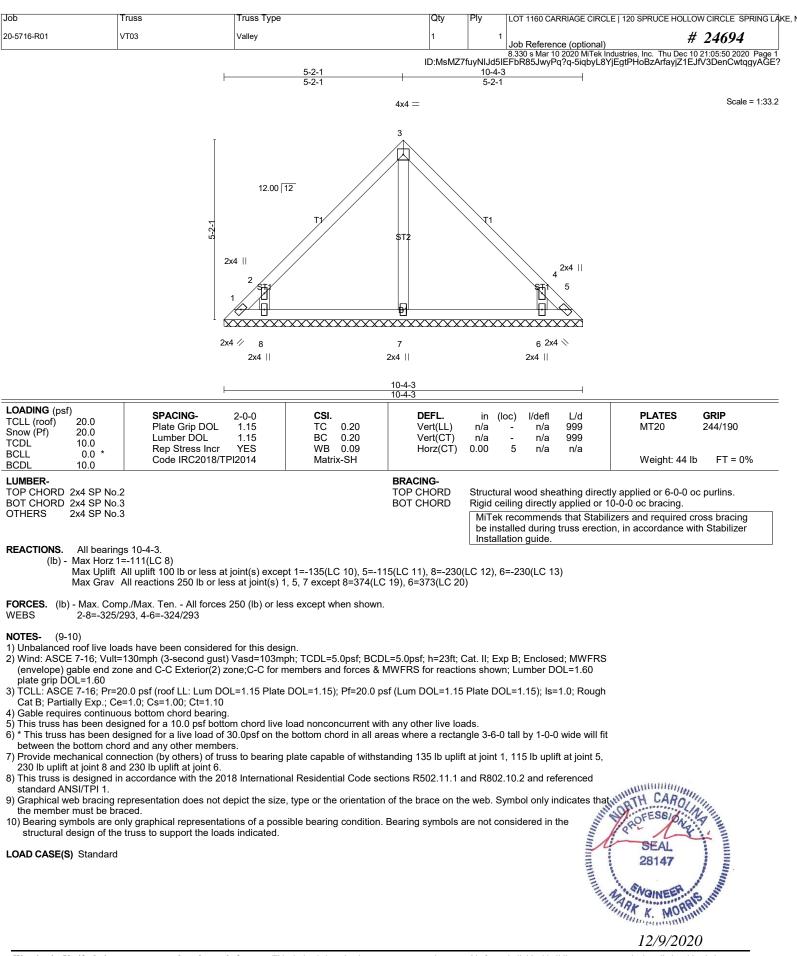
LOAD CASE(S) Standard

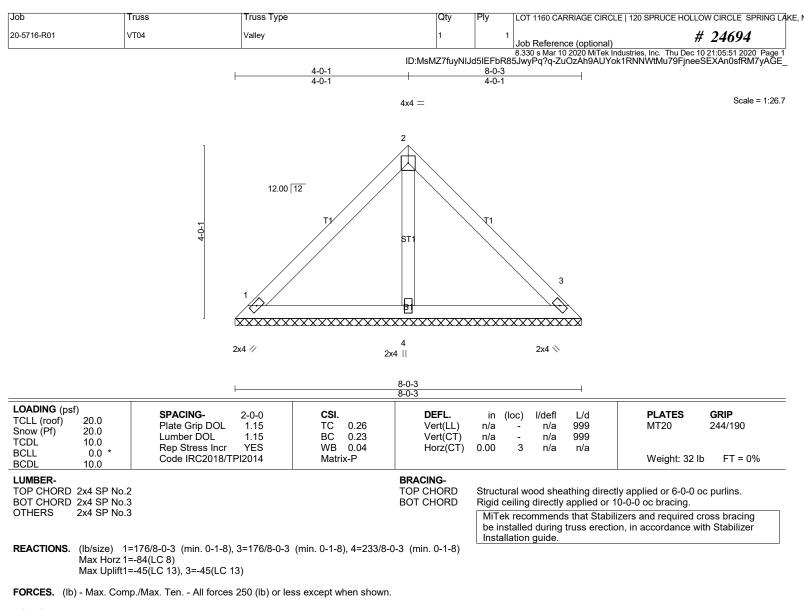






12/9/2020



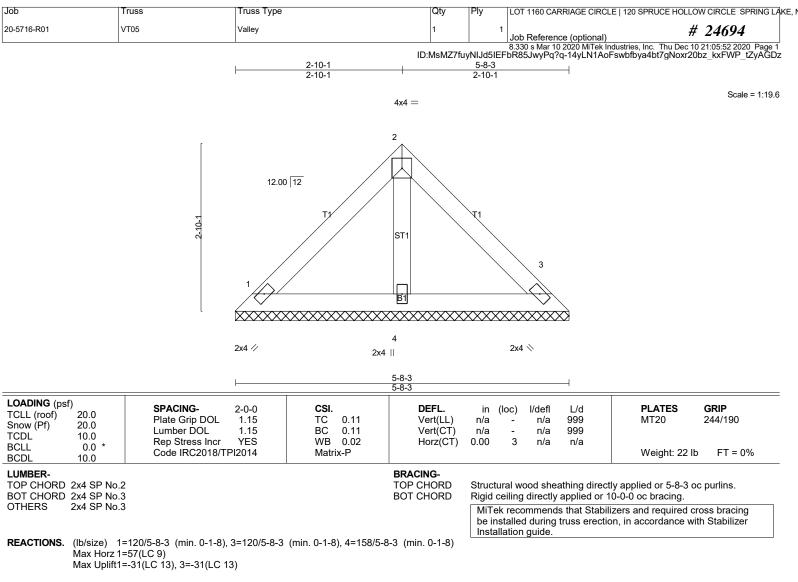


NOTES- (9-10)

- 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 45 lb uplift at joint 1 and 45 lb uplift at joint 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
- b) 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





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

NOTES- (9-10)

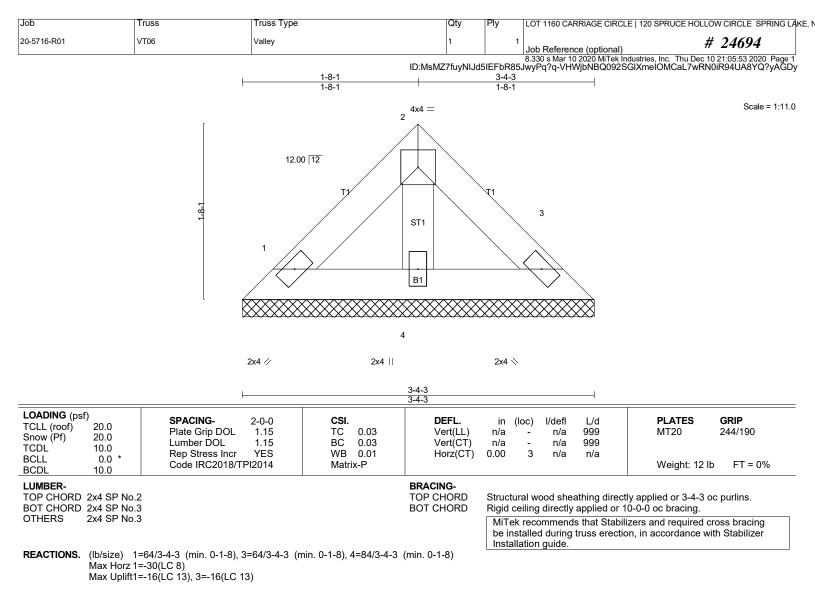
- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; 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 31 lb uplift at joint 1 and 31 lb uplift at joint 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





FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) 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 16 lb uplift at joint 1 and 16 lb uplift at joint 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

