



MiTek USA, Inc.

16023 Swingley Ridge Rd
Chesterfield, MO 63017
314-434-1200



Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions

10/10/2018

under my direct supervision

Re: 062150
10 CASTINE AVE

The truss drawing(s) referenced below have been prepared by MiTek USA, Inc. based on the parameters provided by Mainely Trusses.

Pages or sheets covered by this seal: I32763526 thru I32763530

My license renewal date for the state of Maine is December 31, 2019.



March 20, 2018

Garcia, Juan

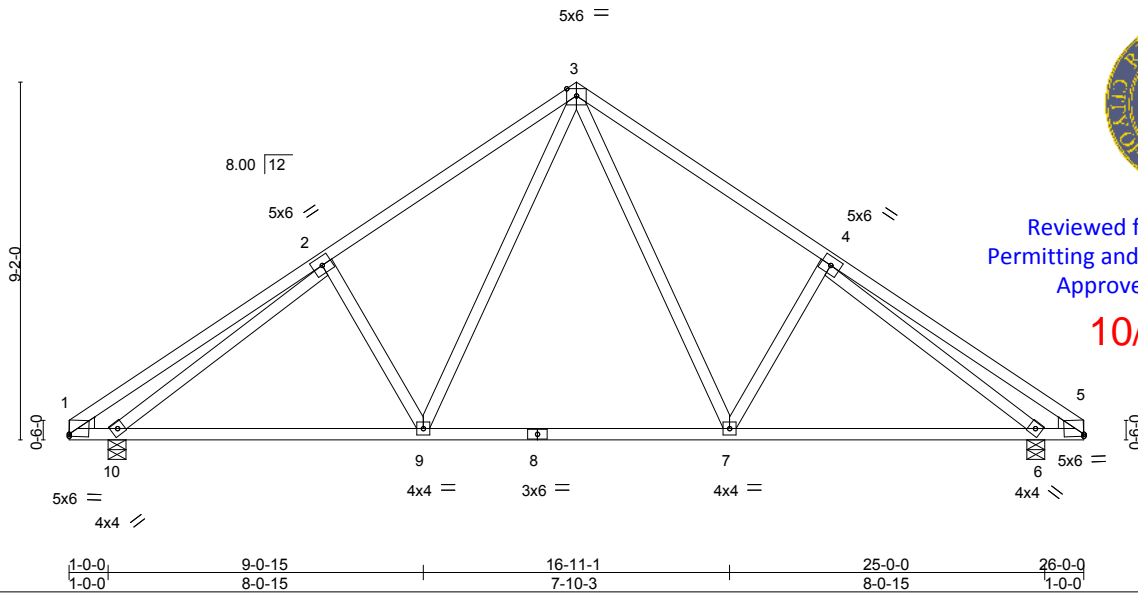
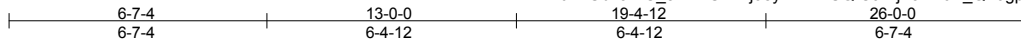
IMPORTANT NOTE: Truss Engineer's responsibility is solely for design of individual trusses based upon design parameters shown on referenced truss drawings. Parameters have not been verified as appropriate for any use. Any location identification specified is for file reference only and has not been used in preparing design. Suitability of truss designs for any particular building is the responsibility of the building designer, not the Truss Engineer, per ANSI/TPI-1, Chapter 2.

Job	Truss	Truss Type	Qty	Ply	10 CASTINE AVE	132763526
062150	T01	Common	14	1		

Mainly Trusses, Fairfield, ME - 04937,

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 20 10:28:52 2018 Page 1

ID:ktRAUbx3WC_8nRHUFFzjo8yKHBz-UQIC9DijZ3kM0K_QEJgpyx6219k3t07s_uqgFzZ3n9



Scale = 1:59.0



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Plate Offsets (X,Y)-- [1:Edge,0-0-11], [5:Edge,0-0-11]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 46.2 (Ground Snow=60.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.89 BC 0.63 WB 0.97 Matrix-S	Vert(LL) -0.10 Vert(CT) -0.17 Horz(CT) 0.05	7-9 7-9 6	>999 >999 n/a	240 180 n/a	MT20	197/144
TCDL 10.0	Rep Stress Incr YES						Weight: 115 lb	FT = 20%
BCLL 0.0	Code IRC2015/TP12014							
BCDL 10.0								

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
2-10,4-6: 2x4 SPF 2100F 1.8E
WEDGE
Left: 2x4 SP No.3, Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 10=1721/0-5-8, 6=1721/0-5-8
Max Horz 10=-231(LC 4)
Max Uplift 10=-184(LC 8), 6=-184(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-295/210, 2-3=-1819/298, 3-4=-1819/298, 4-5=-295/210
BOT CHORD 9-10=-246/1558, 7-9=-39/1075, 6-7=-105/1558
WEBS 3-7=-165/618, 4-7=-475/286, 3-9=-165/617, 2-9=-475/286, 2-10=-1997/303,
4-6=-1997/303

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-10; Pg=60.0 psf (ground snow); Ps=46.2 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
 - 3) Roof design snow load has been reduced to account for slope.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10 and 6. This connection is for uplift only and does not consider lateral forces.



March 20, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

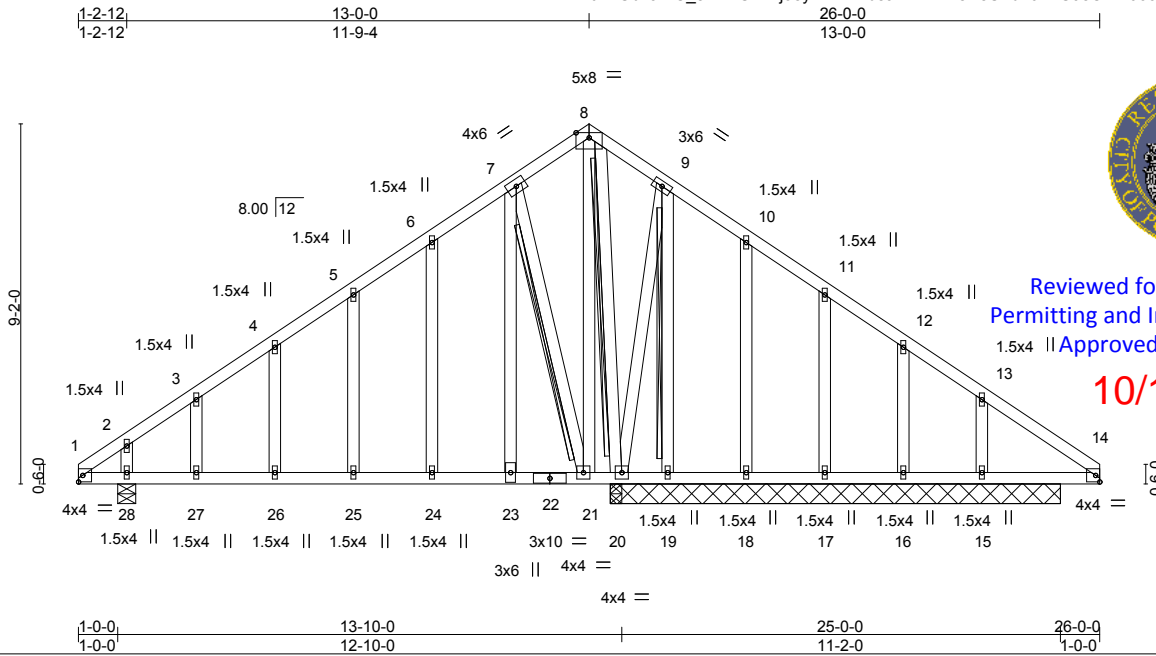
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



16023 Swingley Ridge Rd
Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	10 CASTINE AVE	132763527
062150	T01AGE	GABLE	1	1		

Mainly Trusses, Fairfield, ME - 04937, 8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 20 10:28:53 2018 Page 1
 ID:ktRAUbx3WC_8nRHUFFzjo8yKHBz-zdsaMYiLKMsDeUZdn0B2U9eCWZ0ocSAG5eeNDhzZ3n8



Reviewed for Code Compliance
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 Approved with Conditions
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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 46.2 (Ground Snow=60.0) TCDL 10.0 BCLL 0.0 BCDL 10.0	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	TC 0.91 BC 0.86 WB 0.49 Matrix-S	in (loc) l/defl L/d Vert(LL) -0.44 25-26 >337 240 Vert(CT) -0.64 25-26 >235 180 Horz(CT) 0.01 20 n/a n/a	MT20	197/144
				Weight: 156 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SPF No.2 BOT CHORD 2x4 SPF No.2 *Except* 1-22: 2x4 SPF 2100F 1.8E WEBS 2x4 SPF No.2 OTHERS 2x4 SPF No.2	TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. WEBS T-Brace: 2x4 SPF No.2 - 9-19, 8-20, 7-21 Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c., with 3in minimum end distance. Brace must cover 90% of web length.

REACTIONS. All bearings 11-5-8 except (jt=length) 28=0-5-8.
 (lb) - Max Horz 28=-231(LC 4)
 Max Uplift All uplift 100 lb or less at joint(s) 18, 17 except 19=-386(LC 8), 16=-110(LC 6), 15=-146(LC 8), 20=-209(LC 6), 28=-220(LC 8)
 Max Grav All reactions 250 lb or less at joint(s) 16, 20 except 19=1025(LC 15), 18=290(LC 1), 17=320(LC 1), 15=699(LC 1), 20=465(LC 8), 28=1016(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-456/94, 2-3=-643/147, 3-4=-588/177, 4-5=-529/225, 5-6=-488/276, 6-7=-410/322, 7-8=-270/344, 8-9=-111/323, 13-14=-64/252
 BOT CHORD 1-28=-73/408, 27-28=-175/488, 26-27=-175/488, 25-26=-175/488, 24-25=-175/488, 23-24=-175/488, 21-23=-175/488
 WEBS 8-21=-209/456, 7-23=-222/845, 9-19=-1028/376, 10-18=-250/99, 13-15=-462/146, 8-20=-362/0, 9-20=-316/807, 2-28=-449/138, 7-21=-1369/424

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; 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 7-10; Pg=60.0 psf (ground snow); Ps=46.2 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
 - 4) Roof design snow load has been reduced to account for slope.
 - 5) Gable studs spaced at 2-0-0 oc.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 17 except (jt=lb) 19=386, 16=110, 15=146, 20=209, 28=220.
 - 8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.



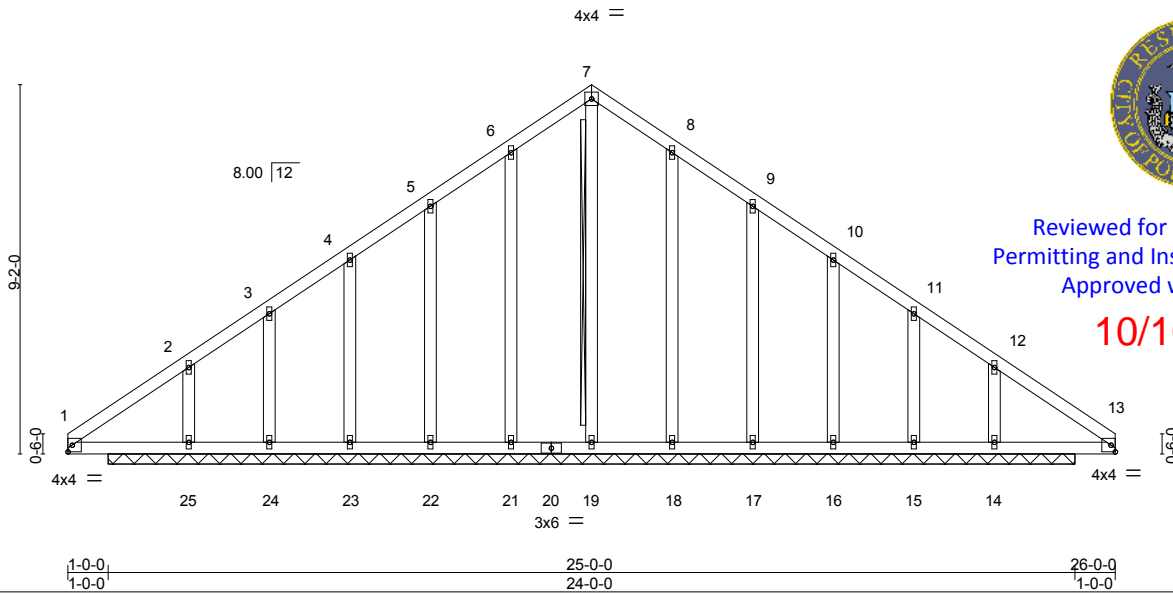
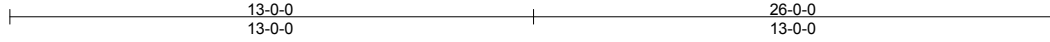
March 20, 2018

Job	Truss	Truss Type	Qty	Ply	10 CASTINE AVE	132763528
062150	T01GE	GABLE	1	1		

Mainly Trusses, Fairfield, ME - 04937,

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 20 10:28:54 2018 Page 1

ID:ktRAUbx3WC_8nRHUFFzjo8yKHBz-RpQyaujz5g_4Ge7pLjH1MBXQzXRLzDPKINwl8zZ3n7



Scale = 1:57.2



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Permitting and Inspections Department
Approved with Conditions

10/10/2018

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 46.2 (Ground Snow=60.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	TC 0.26 BC 0.19 WB 0.25 Matrix-S	in (loc) l/defl L/d Vert(LL) n/a - n/a 999 Vert(CT) n/a - n/a 999 Horz(CT) -0.01 14 n/a n/a	MT20	197/144
TCDL 10.0				Weight: 128 lb	FT = 20%
BCLL 0.0					
BCDL 10.0					

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2x4 SPF No.2 - 7-19
Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c., with 3in minimum end distance.
Brace must cover 90% of web length.

REACTIONS. All bearings 24-0-0.
(lb) - Max Horz 25=-231(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 21, 22, 23, 18, 17, 16 except 24=-170(LC 5), 25=-149(LC 9), 15=-163(LC 4), 14=-143(LC 8)
Max Grav All reactions 250 lb or less at joint(s) except 19=503(LC 1), 21=290(LC 1), 22=253(LC 1), 23=286(LC 1), 24=285(LC 15), 25=465(LC 16), 18=290(LC 1), 17=253(LC 1), 16=286(LC 1), 15=280(LC 16), 14=459(LC 15)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-108/389, 2-3=-86/326, 3-4=-17/321, 4-5=0/333, 5-6=0/351, 6-7=0/341, 7-8=0/339, 8-9=0/349, 9-10=0/331, 10-11=-13/318, 11-12=-80/322, 12-13=-106/386
BOT CHORD 1-25=-261/132, 24-25=-258/129, 23-24=-258/129, 22-23=-258/129, 21-22=-258/129, 19-21=-258/129, 18-19=-258/129, 17-18=-258/129, 16-17=-258/129, 15-16=-258/129, 14-15=-258/129, 13-14=-258/129
WEBS 7-19=-463/0, 2-25=-359/119, 12-14=-359/117

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCCL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; 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) TCCL: ASCE 7-10; Pg=60.0 psf (ground snow); Ps=46.2 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
 - 4) Roof design snow load has been reduced to account for slope.
 - 5) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 6) Gable studs spaced at 2-0-0 oc.
 - 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 21, 22, 23, 18, 17, 16 except (jt=lb) 24=170, 25=149, 15=163, 14=143.
 - 9) Non Standard bearing condition. Review required.
 - 10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.



March 20, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITPI Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

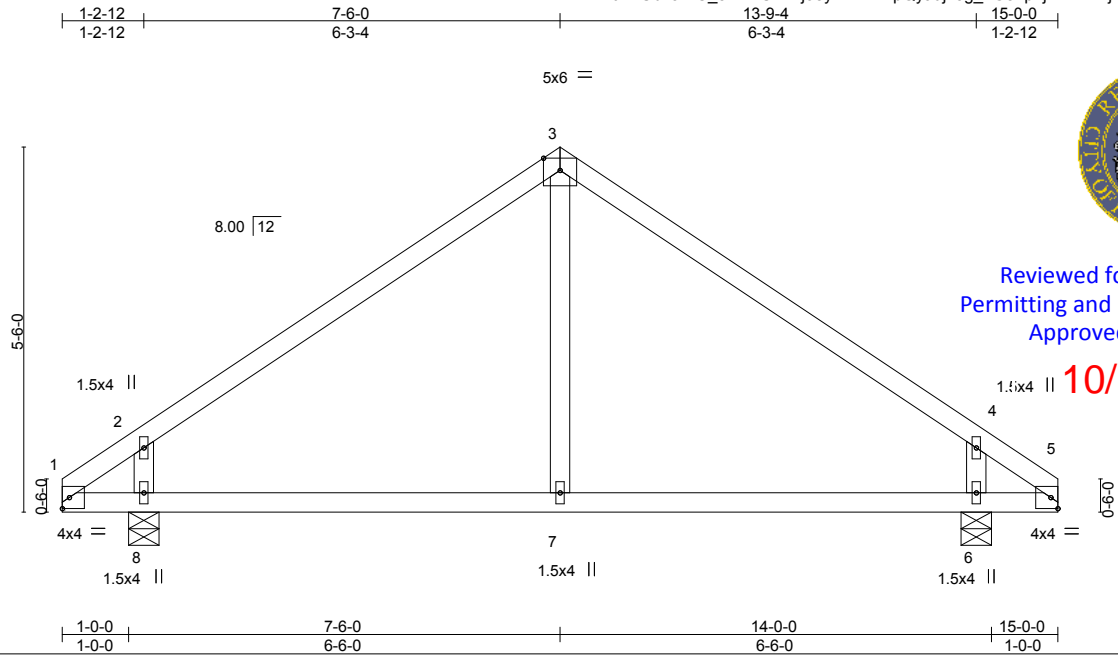


16023 Swingley Ridge Rd
Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	10 CASTINE AVE	132763529
062150	T02	Common	1	1		

Mainly Trusses, Fairfield, ME - 04937,

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 20 10:28:54 2018 Page 1
 ID:ktRAUbx3WC_8nRHUFFzjo8yKHBz-RpQyaujz5g_4Ge7pLjiH1MBPjzT4L?VPKINwI8zZ3n7



Scale = 1:34.7

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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 46.2 (Ground Snow=60.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	TC 0.82 BC 0.41 WB 0.10 Matrix-S	in (loc) l/defl L/d Vert(LL) -0.05 7 >999 240 Vert(CT) -0.08 7 >999 180 Horz(CT) 0.01 6 n/a n/a	MT20	197/144
TCDL 10.0				Weight: 45 lb	FT = 20%
BCLL 0.0					
BCDL 10.0					

LUMBER-	BRACING-
TOP CHORD 2x4 SPF No.2	TOP CHORD Structural wood sheathing directly applied or 5-1-3 oc purlins.
BOT CHORD 2x4 SPF No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPF No.2	

REACTIONS. (lb/size) 8=993/0-5-8, 6=993/0-5-8
 Max Horz 8=135(LC 5)
 Max Uplift 8=-108(LC 8), 6=-108(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-452/14, 2-3=-840/124, 3-4=-840/124, 4-5=-452/14
 BOT CHORD 1-8=-21/516, 7-8=-20/516, 6-7=-20/516, 5-6=-20/516
 WEBS 2-8=-798/307, 4-6=-798/307

NOTES-

- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-10; Pg=60.0 psf (ground snow); Ps=46.2 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
- 3) Roof design snow load has been reduced to account for slope.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 8 and 6. This connection is for uplift only and does not consider lateral forces.



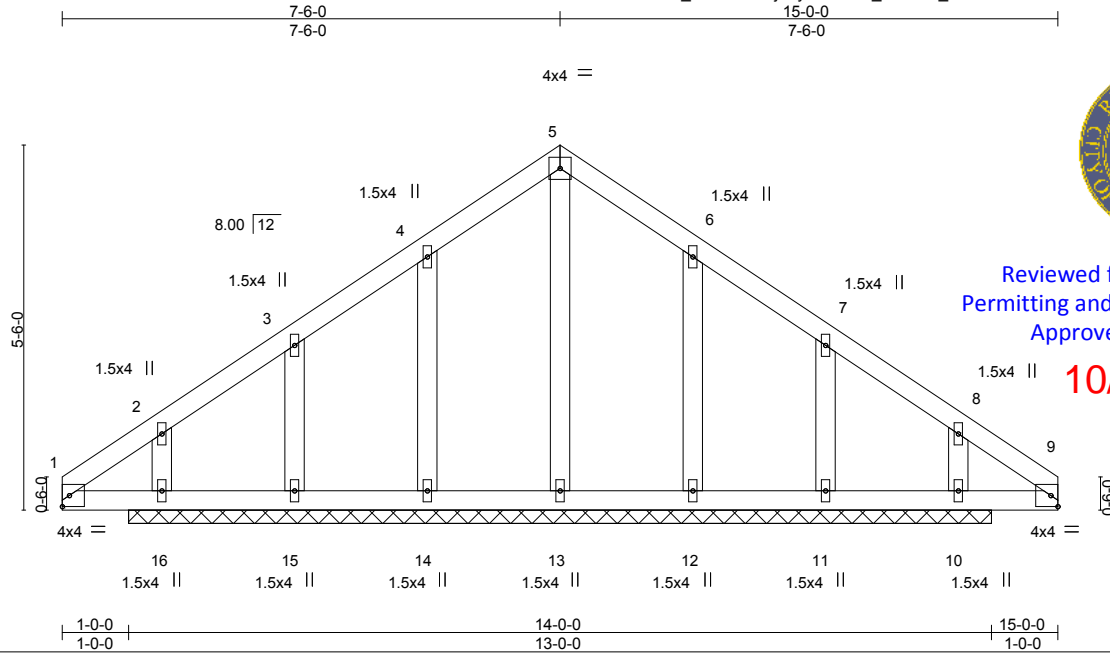
March 20, 2018

Job	Truss	Truss Type	Qty	Ply	10 CASTINE AVE	132763530
062150	T02GE	GABLE	1	1		

Mainly Trusses, Fairfield, ME - 04937,

8.210 s Feb 12 2018 MiTek Industries, Inc. Tue Mar 20 10:28:55 2018 Page 1

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Scale = 1:34.7

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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 46.2 (Ground Snow=60.0)	1-11-4 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	TC 0.11 BC 0.07 WB 0.13 Matrix-S	in (loc) l/defl L/d Vert(LL) n/a - n/a 999 Vert(CT) n/a - n/a 999 Horz(CT) 0.00 10 n/a n/a	MT20	197/144
TCDL 10.0				Weight: 59 lb	FT = 20%
BCLL 0.0					
BCDL 10.0					

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 13-0-0.
(lb) - Max Horz 16=131(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) 14, 16, 12, 10 except 15=-116(LC 8), 11=-112(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 13=321(LC 1), 14=277(LC 1), 15=271(LC 15), 16=290(LC 1), 12=277(LC 1), 11=267(LC 16), 10=290(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 5-13=-284/0

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; 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 7-10; Pg=60.0 psf (ground snow); Ps=46.2 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
 - 4) Roof design snow load has been reduced to account for slope.
 - 5) Gable studs spaced at 2-0-0 oc.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 16, 12, 10 except (jt=lb) 15=116, 11=112.
 - 8) Non Standard bearing condition. Review required.



March 20, 2018

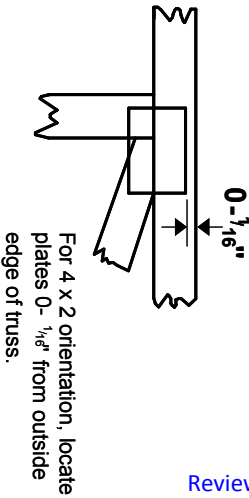
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



16023 Swingley Ridge Rd
Chesterfield, MO 63017

Symbols



This symbol indicates the required direction of slots in connector plates.

* Plate location details available in **MITek 2020 software** or upon request.

PLATE SIZE

4 X 4

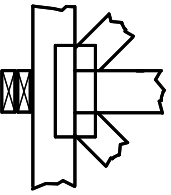
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

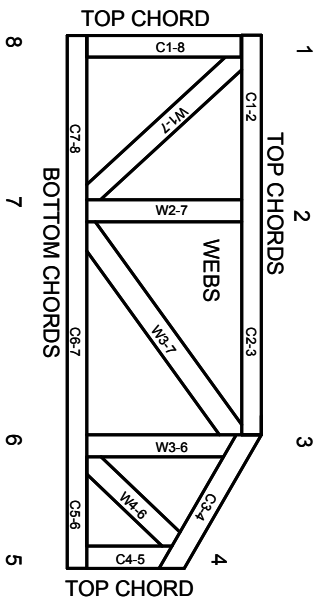


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

- ANSI/TP11: National Design Specification for Metal Plate Connected Wood Truss Construction.
- DSB-89: Design Standard for Bracing.
- BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

- ESR-1311, ESR-1352, ESR1988
- ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TP1 section 6.3. These truss designs rely on lumber values established by others.

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MITek Engineering Reference Sheet: Mill-7473 rev. 10/03/2015

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
- Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TP1 1.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TP1 1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
- Top chords must be sheathed or purlins provided at spacing indicated on design.
- Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
- Connections not shown are the responsibility of others.
- Do not cut or alter truss member or plate without prior approval of an engineer.
- Install and load vertically unless indicated otherwise.
- Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
- Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
- Design assumes manufacture in accordance with ANSI/TP1 1 Quality Criteria.