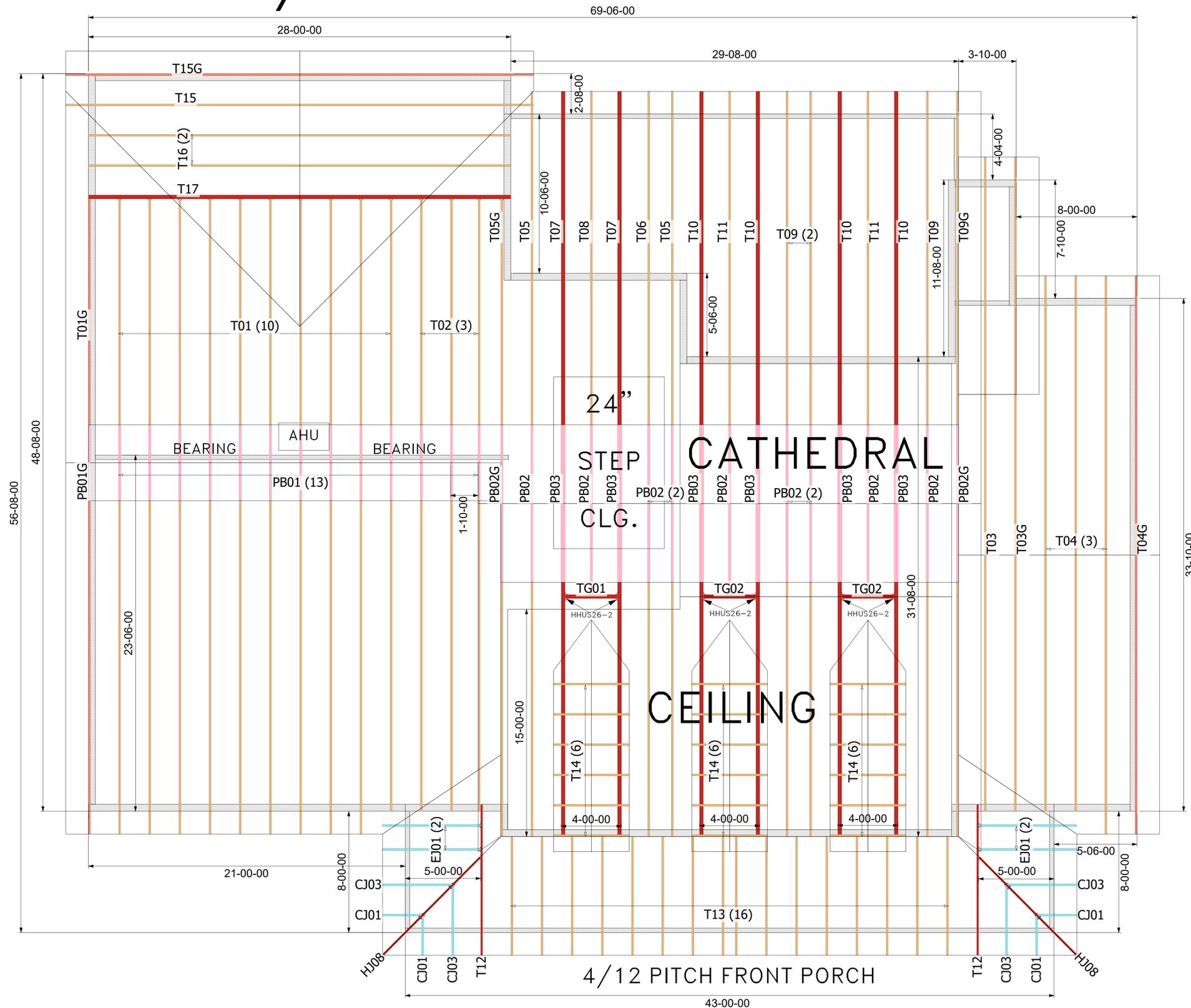


6/12 PITCH - 18" OH



WARNING
Backcharges Will Not Be Accepted
Regardless of Fault Without Prior
Notification By Customer Within 48
Hours And Investigation By
Builders FirstSource.
NO EXCEPTIONS.

IMPORTANT
This Drawing Must Be Approved And
Returned Before Fabrication Will
Begin. For Your Protection Check All
Dimensions And Conditions Prior To
Approval Of Plan.
SIGNATURE BELOW INDICATES ALL
NOTES AND DIMENSIONS HAVE
BEEN ACCEPTED.

By _____ Date _____

FINAL LAYOUT FOR PRODUCTION
Initial: _____ Date: _____
Requested Delivery Date: _____

ROOF LOADING: TCLL: 20 TCCL: 10 BCLL: 0 BCDL: 10 DURATION: 1.25
FLOOR LOADING: TCLL: 10 TCCL: 5 BCLL: 0 BCDL: 1.00 DURATION: 1.00
5 PSF TCCL + 5 PSF BCDL USED TO RESIST UPLIFT
ENCLOSED EXPOSURE CATEGORY B OCCUPANCY CATEGORY II WIND LOAD 130 MPH WIND IMPORTANCE FACTOR 1.00

ROOF PITCH: 6/12 - 4/12 - 3/12
CEILING PITCH: 4.3/12
TOP CHORD SIZE: 2 X 4
BOTTOM CHORD SIZE: 2 X 4
OVERHANG LENGTH: 18"
END CUT: PLUMB
CANTILEVER: N/A
TRUSS SPACING: 24"
BUILDING CODE: FBC 2023

BEARING HEIGHT SCHEDULE

| BEARING | HEIGHT |
|---------|--------|
| | |
| | |
| | |

BUILDER: Amira Builders

| | |
|-------------------------|----------------------|
| MODEL: | CUSTOM |
| ELEV: | GABLE |
| ADDRESS: | TBD |
| LOT / BLOCK: | N/A |
| SUBDIVISION: | MILLIKEN RES. |
| CITY: | Alachua |
| DRAWN BY: | Holloway, Kim |
| JOB # : | 5164921 |
| DATE: 12/31/2025 | SCALE: N.T.S. |

REVISIONS:

| NO. | DESCRIPTION |
|-----|-------------|
| | |
| | |
| | |



Summations of limited excerpts of the Code, ANSI/TPI 1-2014, and BCSI, and associated commentary, are provided within the truss submittal package in the Builders FirstSource Component Truss Responsibility and Liability Disclosure. These critical excerpts include, among other elements, critical safety information as well as specific Scope-of-Work assignments (and limitations of the same) for the Owner, Contractor, Building Designer, Truss Designer, and Truss Manufacturer. It is essential that ALL parties to the design and use of the Trusses review and become familiar with the information provided in the Builders FirstSource Component Truss Responsibility and Liability Disclosure, as well as the referenced sources, prior to performing work on the associated project.



Lumber design values are in accordance with ANSI/TPI 1 section 6.3
 These truss designs rely on lumber values established by others.

RE: 5164921 - MILLIKEN RES.

MiTek, Inc.
 16023 Swingley Ridge Rd.
 Chesterfield, MO 63017
 314.434.1200

Site Information:

Customer Info: AMIRA BLDRS. Project Name: Milliken Res. Model: Custom
 Lot/Block: N/A Subdivision: N/A
 Address: TBD, TBD
 City: Alachua Cty State: FL

Name Address and License # of Structural Engineer of Record, if there is one, for the building.

Name: License #:
 Address: State:
 City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2023/TPI2014 Design Program: MiTek 20/20 8.8
 Wind Code: ASCE 7-22 Wind Speed: 130 mph
 Roof Load: 40.0 psf Floor Load: N/A psf

This package includes 34 individual, Truss Design Drawings and 0 Additional Drawings.
 With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

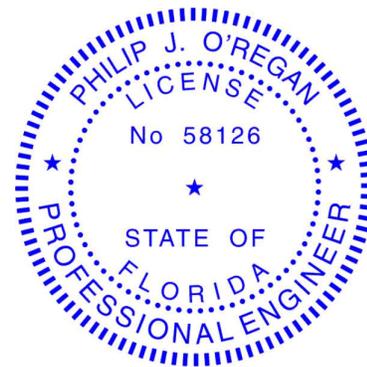
| No. | Seal# | Truss Name | Date | No. | Seal# | Truss Name | Date |
|-----|-----------|------------|--------|-----|-----------|------------|--------|
| 1 | T39680918 | CJ01 | 1/2/26 | 15 | T39680932 | T04 | 1/2/26 |
| 2 | T39680919 | CJ03 | 1/2/26 | 16 | T39680933 | T04G | 1/2/26 |
| 3 | T39680920 | EJ01 | 1/2/26 | 17 | T39680934 | T05 | 1/2/26 |
| 4 | T39680921 | HJ08 | 1/2/26 | 18 | T39680935 | T05G | 1/2/26 |
| 5 | T39680922 | PB01 | 1/2/26 | 19 | T39680936 | T06 | 1/2/26 |
| 6 | T39680923 | PB01G | 1/2/26 | 20 | T39680937 | T07 | 1/2/26 |
| 7 | T39680924 | PB02 | 1/2/26 | 21 | T39680938 | T08 | 1/2/26 |
| 8 | T39680925 | PB02G | 1/2/26 | 22 | T39680939 | T09 | 1/2/26 |
| 9 | T39680926 | PB03 | 1/2/26 | 23 | T39680940 | T09G | 1/2/26 |
| 10 | T39680927 | T01 | 1/2/26 | 24 | T39680941 | T10 | 1/2/26 |
| 11 | T39680928 | T01G | 1/2/26 | 25 | T39680942 | T11 | 1/2/26 |
| 12 | T39680929 | T02 | 1/2/26 | 26 | T39680943 | T12 | 1/2/26 |
| 13 | T39680930 | T03 | 1/2/26 | 27 | T39680944 | T13 | 1/2/26 |
| 14 | T39680931 | T03G | 1/2/26 | 28 | T39680945 | T14 | 1/2/26 |



This item has been digitally signed and sealed by ORegan, Philip, PE on the date adjacent to the seal.
 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

The truss drawing(s) referenced above have been prepared by
 MiTek USA, Inc. under my direct supervision based on the parameters
 provided by Builders FirstSource-Lake City, FL.

Truss Design Engineer's Name: ORegan, Philip
 My license renewal date for the state of Florida is February 28, 2027.



Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

January 2,2026



RE: 5164921 - MILLIKEN RES.

MiTek, Inc.
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200

Site Information:

Customer Info: AMIRA BLDRS. Project Name: Milliken Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: TBD, TBD
City: Alachua Cty State: FL

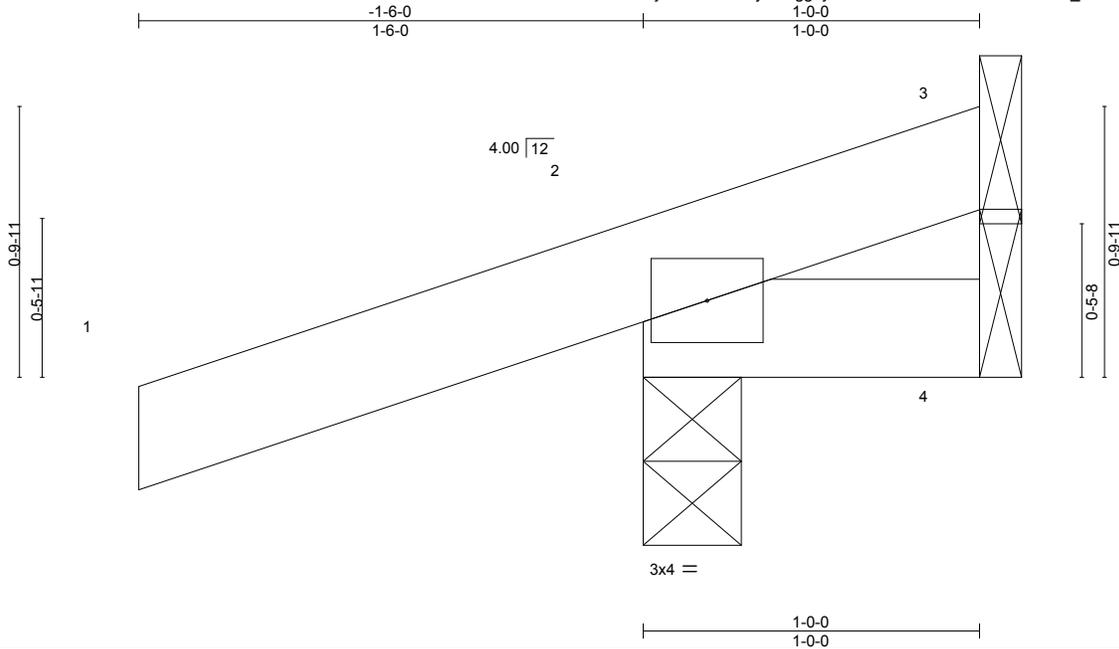
| No. | Seal# | Truss Name | Date |
|-----|-----------|------------|--------|
| 29 | T39680946 | T15 | 1/2/26 |
| 30 | T39680947 | T15G | 1/2/26 |
| 31 | T39680948 | T16 | 1/2/26 |
| 32 | T39680949 | T17 | 1/2/26 |
| 33 | T39680950 | TG01 | 1/2/26 |
| 34 | T39680951 | TG02 | 1/2/26 |

| | | | | | | |
|----------------|---------------|-------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss CJ01 | Truss Type Jack-Open | Qty 4 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680918 |
|----------------|---------------|-------------------------|----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:22 2025 Page 1

ID:0vVlbySHsNmUVErjRG?ggxy3Wth-n9QELNH7H?OGIII6ES5Y_hV31xxdzZDt5hMSvny3Ta?



| LOADING (psf) | SPACING- | CSI. | DEFL. | in (loc) | l/def | L/d | PLATES | GRIP |
|---------------|----------------------|-----------|----------|----------|-------|------|--------------|----------|
| TCLL 20.0 | 2-0-0 | TC 0.17 | Vert(LL) | 0.00 | 7 | >999 | MT20 | 244/190 |
| TCDL 10.0 | Plate Grip DOL 1.25 | BC 0.04 | Vert(CT) | 0.00 | 7 | >999 | | |
| BCLL 0.0 * | Lumber DOL 1.25 | WB 0.00 | Horz(CT) | 0.00 | 2 | n/a | | |
| BCDL 10.0 | Rep Stress Incr YES | Matrix-MP | | | | | Weight: 6 lb | FT = 20% |
| | Code FBC2023/TP12014 | | | | | | | |

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=38(LC 8)
Max Uplift 3=-8(LC 1), 2=-132(LC 8), 4=-21(LC 1)
Max Grav 3=9(LC 8), 2=198(LC 1), 4=17(LC 8)

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

NOTES-

- 1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 8 lb uplift at joint 3, 132 lb uplift at joint 2 and 21 lb uplift at joint 4.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

January 2,2026

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 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/TP11 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcsccomponents.com)

MiTek®

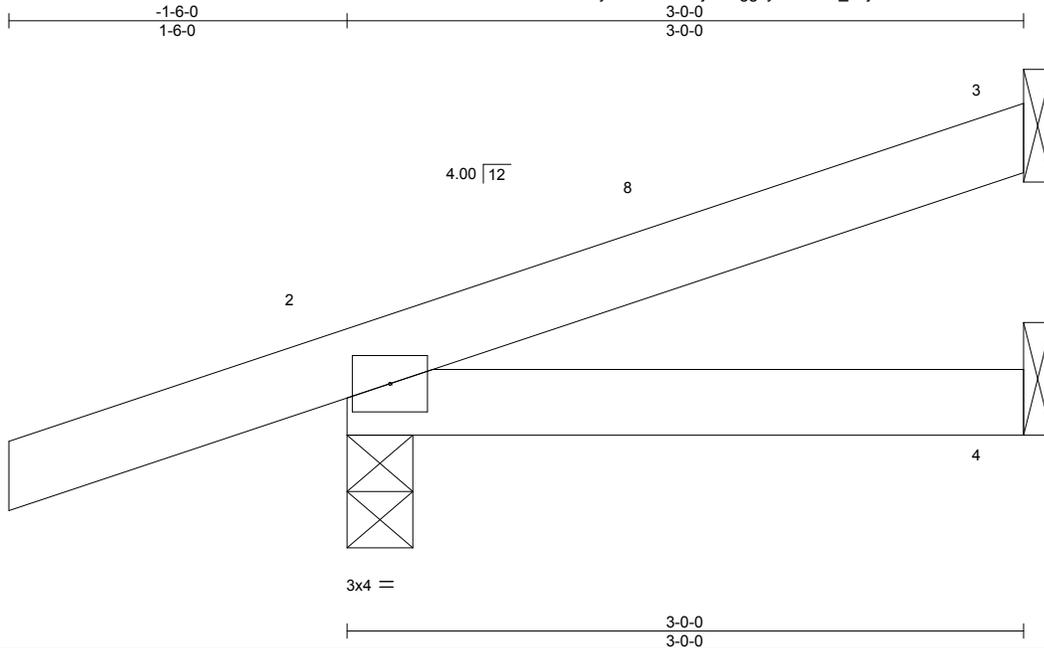
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

| | | | | | | |
|----------------|---------------|-------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss CJ03 | Truss Type Jack-Open | Qty 4 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680919 |
|----------------|---------------|-------------------------|----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:23 2025 Page 1

ID:0vVlbySHsNMuVEnjRG?ggxy3Wth-FL_cYjlm2JW6NSKJo9dnWw2EnLGNi0TKL5?SDy3Ta_



| LOADING (psf) | SPACING- | CSI. | DEFL. | PLATES | GRIP |
|---------------|----------------------|-----------|-----------------------------|---------------|----------|
| TCLL 20.0 | 2-0-0 | TC 0.17 | in (loc) l/defl L/d | MT20 | 244/190 |
| TCDL 10.0 | Plate Grip DOL 1.25 | BC 0.07 | Vert(LL) -0.00 4-7 >999 240 | | |
| BCLL 0.0 * | Lumber DOL 1.25 | WB 0.00 | Vert(CT) -0.01 4-7 >999 180 | | |
| BCDL 10.0 | Rep Stress Incr YES | Matrix-MP | Horz(CT) -0.00 3 n/a n/a | | |
| | Code FBC2023/TP12014 | | | Weight: 12 lb | FT = 20% |

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=64(LC 8)
Max Uplift 3=-38(LC 8), 2=-136(LC 8), 4=-19(LC 9)
Max Grav 3=67(LC 1), 2=230(LC 1), 4=50(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-6-0 to 1-6-0, Zone1 1-6-0 to 2-11-4 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 38 lb uplift at joint 3, 136 lb uplift at joint 2 and 19 lb uplift at joint 4.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

January 2,2026

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 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 and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcsccomponents.com)

MiTek®

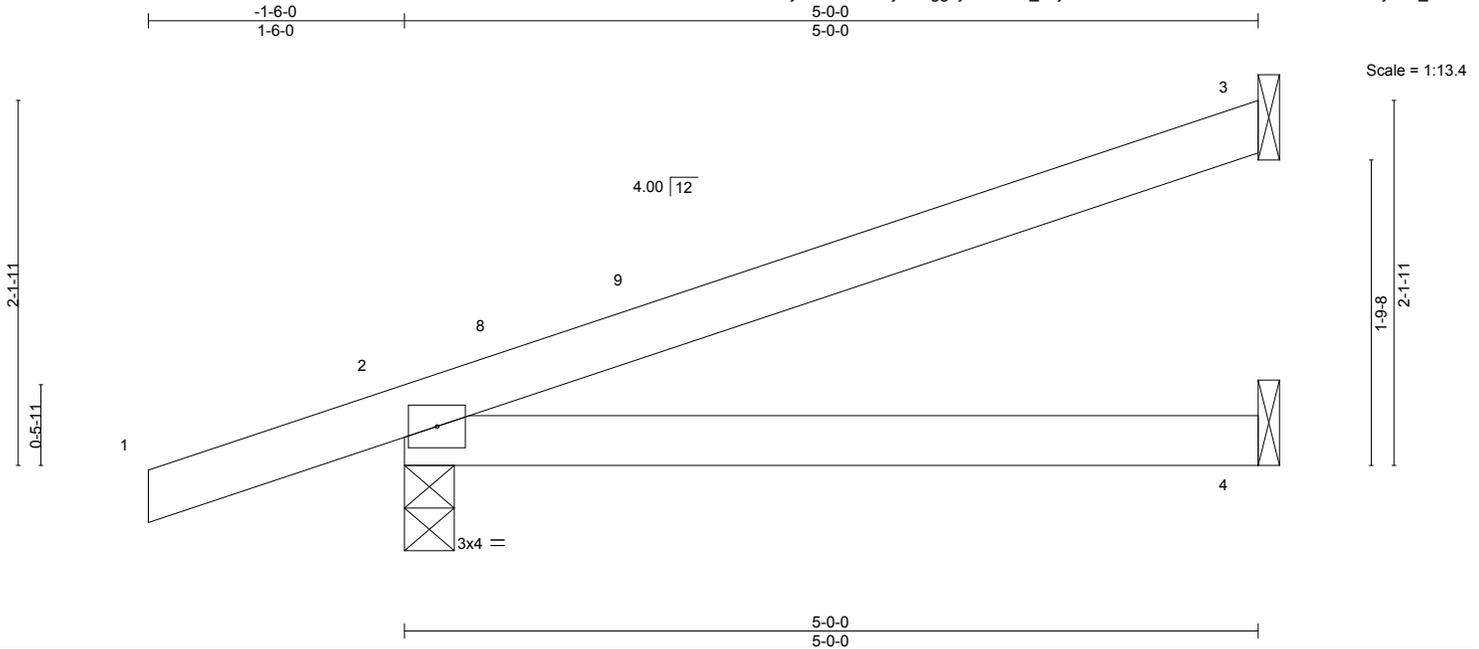
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

| | | | | | | |
|----------------|---------------|-------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss EJ01 | Truss Type Jack-Open | Qty 4 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680920 |
|----------------|---------------|-------------------------|----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:23 2025 Page 1

ID:0vVlbySHsNMuVErjRG?ggxy3Wth-FL_cYjIm2JW6NSKJo9dnWv2CdLEdi0TKL5?SDy3Ta_



| LOADING (psf) | SPACING- | CSI. | DEFL. | PLATES | GRIP |
|---------------|----------------------|-----------|-----------------------------|---------------|----------|
| TCLL 20.0 | 2-0-0 | TC 0.31 | in (loc) l/def L/d | MT20 | 244/190 |
| TCDL 10.0 | Plate Grip DOL 1.25 | BC 0.25 | Vert(LL) 0.05 4-7 >999 240 | | |
| BCLL 0.0 * | Lumber DOL 1.25 | WB 0.00 | Vert(CT) -0.06 4-7 >999 180 | | |
| BCDL 10.0 | Rep Stress Incr YES | Matrix-MP | Horz(CT) -0.01 3 n/a n/a | | |
| | Code FBC2023/TP12014 | | | Weight: 18 lb | FT = 20% |

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=89(LC 8)
Max Uplift 3=-73(LC 8), 2=-167(LC 8), 4=-35(LC 8)
Max Grav 3=126(LC 1), 2=301(LC 1), 4=90(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-6-0 to 1-6-0, Zone1 1-6-0 to 4-11-4 zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 73 lb uplift at joint 3, 167 lb uplift at joint 2 and 35 lb uplift at joint 4.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

January 2, 2026

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 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 and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcsccomponents.com)

MiTek®

16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

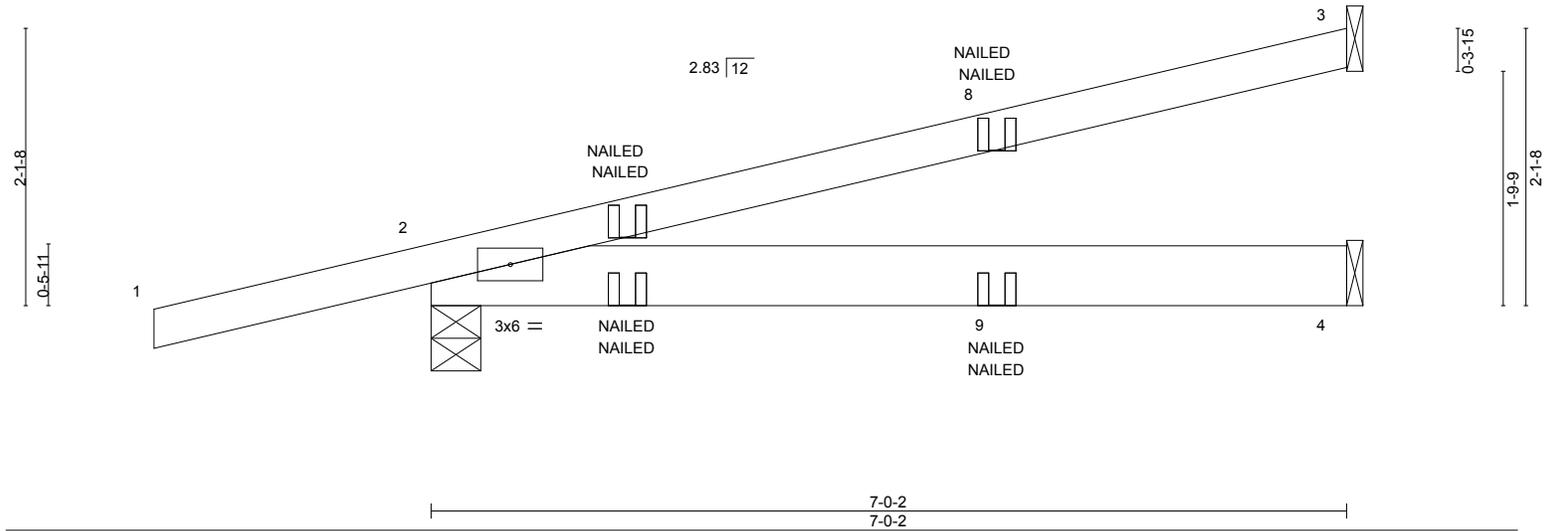
| | | | | | | |
|----------------|---------------|-----------------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss HJ08 | Truss Type Diagonal Hip Girder | Qty 2 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680921 |
|----------------|---------------|-----------------------------------|----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:24 2025 Page 1
ID:0vVlbySHsNMuVErjRG?ggxy3Wth-jYY?m3IOpcez?cvVMt8036bKclZIRtjAZ?rZzfy3TZz



Scale = 1:17.6



| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/def | L/d | PLATES | GRIP |
|---------------|----------------------|-------|-----------|----------|-----------|-------|-----|---------------|----------|
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.49 | Vert(LL) | -0.04 4-7 | >999 | 240 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.26 | Vert(CT) | -0.06 4-7 | >999 | 180 | | |
| BCLL 0.0 * | Rep Stress Incr | NO | WB 0.00 | Horz(CT) | 0.00 3 | n/a | n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | | Matrix-MS | | | | | Weight: 30 lb | FT = 20% |

| LUMBER- | BRACING- |
|-----------------------|---|
| TOP CHORD 2x4 SP No.2 | TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. |
| BOT CHORD 2x6 SP No.2 | BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. |

REACTIONS. (size) 3=Mechanical, 2=0-4-9, 4=Mechanical
 Max Horz 2=89(LC 25)
 Max Uplift 3=-77(LC 8), 2=-163(LC 4), 4=-55(LC 5)
 Max Grav 3=144(LC 1), 2=328(LC 1), 4=130(LC 3)

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

- NOTES-**
- 1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 5) Refer to girder(s) for truss to truss connections.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 77 lb uplift at joint 3, 163 lb uplift at joint 2 and 55 lb uplift at joint 4.
 - 7) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidelines.
 - 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

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

Concentrated Loads (lb)
 Vert: 6=59(F=29, B=29) 7=60(F=30, B=30) 9=-4(F=-2, B=-2)

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2, 2026

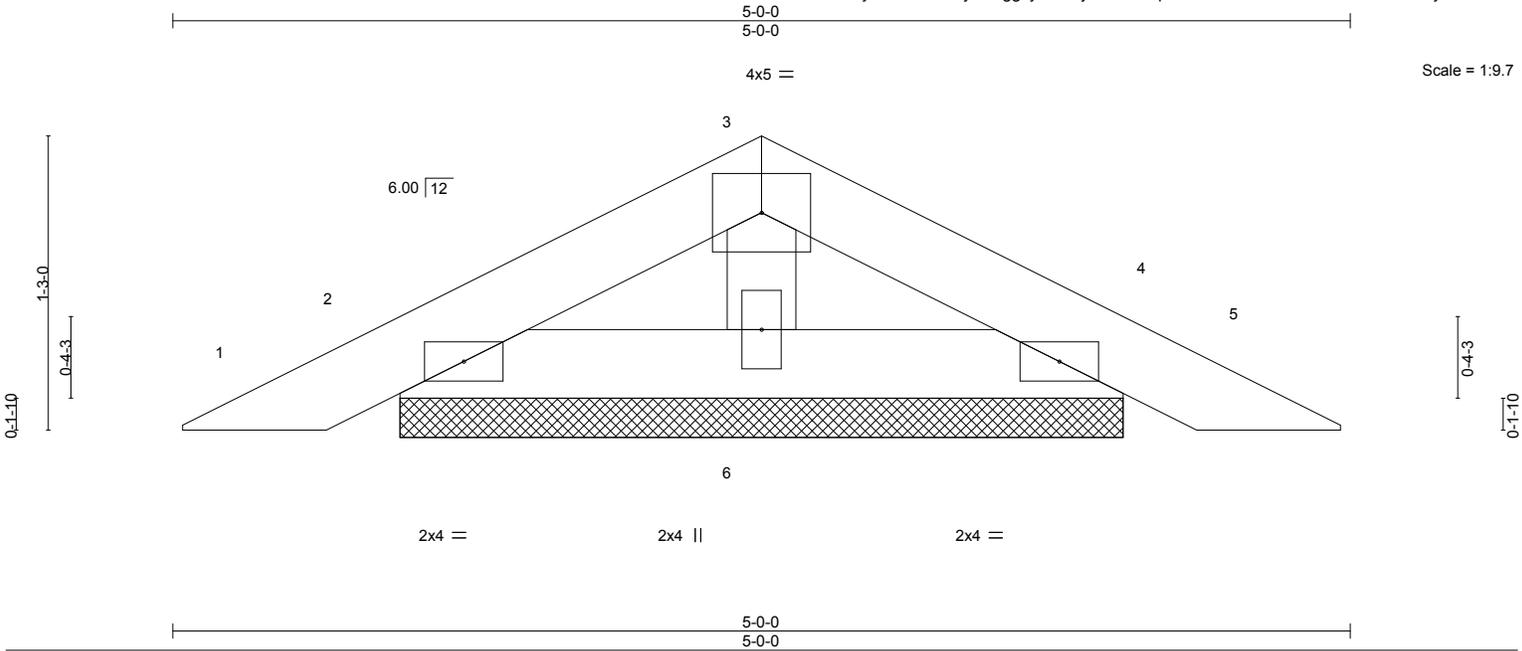
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| <p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.</p> <p>Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for 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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcsccomponents.com)</p> |  <p>16023 Swingley Ridge Rd. Chesterfield, MO 63017 314.434.1200 / MiTek-US.com</p> |
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|----------------|---------------|-------------------------|-----------|----------|---|-----------|
| Job 5164921 | Truss PB01 | Truss Type Piggyback | Qty 13 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680922 |
|----------------|---------------|-------------------------|-----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:24 2025 Page 1

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| LOADING (psf) | SPACING- | CSI. | DEFL. | in (loc) | l/def | L/d | PLATES | GRIP |
|---------------|----------------------|----------|----------|----------|-------|-----|---------------|----------|
| TCLL 20.0 | 2-0-0 | TC 0.04 | Vert(LL) | 0.00 | 4 | n/r | MT20 | 244/190 |
| TCDL 10.0 | Plate Grip DOL 1.25 | BC 0.02 | Vert(CT) | 0.00 | 4 | n/r | | |
| BCLL 0.0 * | Lumber DOL 1.25 | WB 0.02 | Horz(CT) | 0.00 | 4 | n/a | | |
| BCDL 10.0 | Rep Stress Incr YES | Matrix-P | | | | | | |
| | Code FBC2023/TPJ2014 | | | | | | Weight: 14 lb | FT = 20% |

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

REACTIONS. (size) 2=3-0-14, 4=3-0-14, 6=3-0-14
 Max Horz 2=-18(LC 13)
 Max Uplift 2=-40(LC 12), 4=-44(LC 13), 6=-10(LC 12)
 Max Grav 2=106(LC 1), 4=106(LC 1), 6=109(LC 1)

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

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 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 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 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 40 lb uplift at joint 2, 44 lb uplift at joint 4 and 10 lb uplift at joint 6.
 - 8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2, 2026

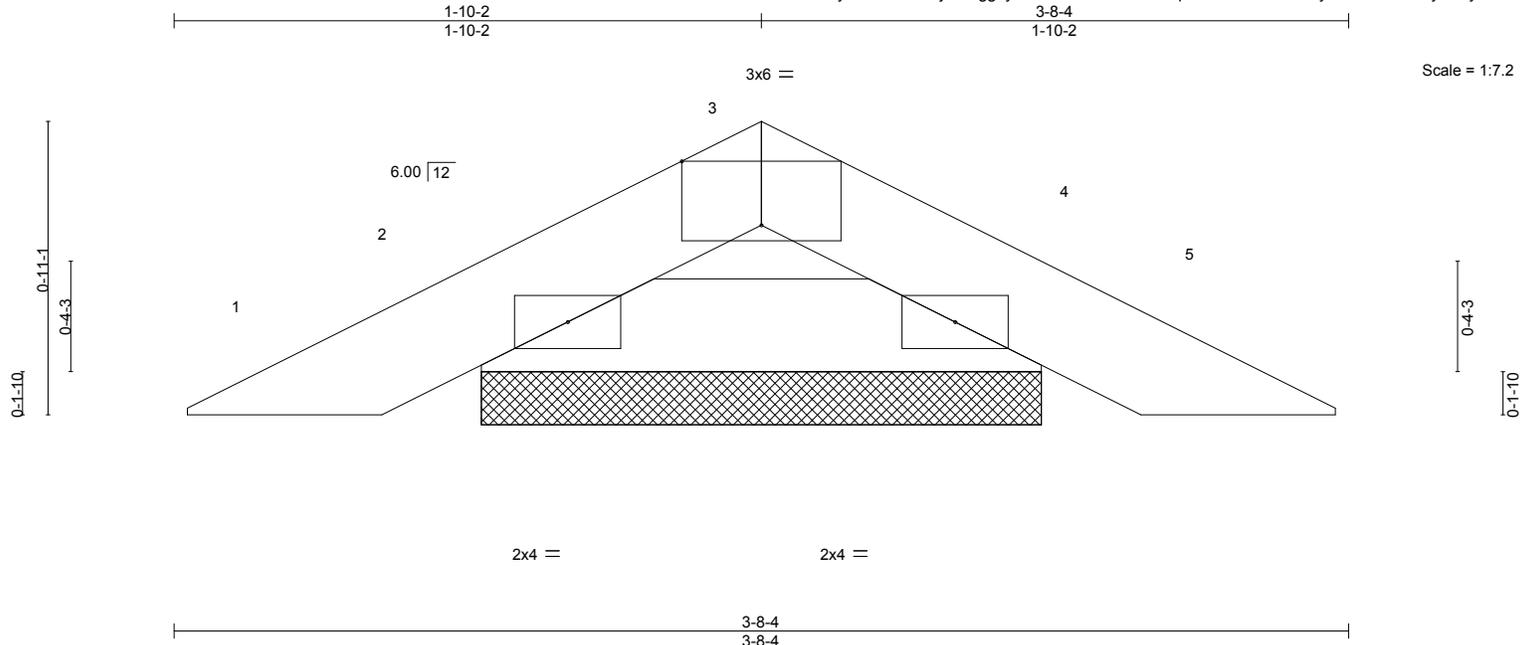
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|----------------|----------------|-------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss PB01G | Truss Type PIGGYBACK | Qty 1 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680923 |
|----------------|----------------|-------------------------|----------|----------|---|-----------|

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8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:25 2025 Page 1

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| Plate Offsets (X,Y)-- [3:0-3-0,Edge] | | CSI. | | DEFL. | | | | PLATES | GRIP |
|--------------------------------------|----------------------|----------|------|----------------|-------|--------|-----|--------------|----------|
| LOADING (psf) | SPACING- 2-0-0 | TC | 0.04 | in | (loc) | l/defl | L/d | MT20 | 244/190 |
| TCLL 20.0 | Plate Grip DOL 1.25 | BC | 0.03 | Vert(LL) -0.00 | 4 | n/r | 120 | | |
| TCDL 10.0 | Lumber DOL 1.25 | WB | 0.00 | Vert(CT) -0.00 | 4 | n/r | 120 | | |
| BCLL 0.0 * | Rep Stress Incr YES | Matrix-P | | Horz(CT) 0.00 | 4 | n/a | n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | | | | | | | Weight: 9 lb | FT = 20% |

| LUMBER- | BRACING- |
|-----------------------|---|
| TOP CHORD 2x4 SP No.2 | TOP CHORD Structural wood sheathing directly applied or 3-8-4 oc purlins. |
| BOT CHORD 2x4 SP No.2 | BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. |

REACTIONS. (size) 2=1-9-2, 4=1-9-2
 Max Horz 2=-12(LC 17)
 Max Uplift 2=-34(LC 12), 4=-34(LC 13)
 Max Grav 2=107(LC 1), 4=107(LC 1)

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

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 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 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 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 34 lb uplift at joint 2 and 34 lb uplift at joint 4.
 - 8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2, 2026

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|--|--|
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|--|--|

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|----------------|---------------|-------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss PB02 | Truss Type Piggyback | Qty 9 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680924 |
|----------------|---------------|-------------------------|----------|----------|---|-----------|

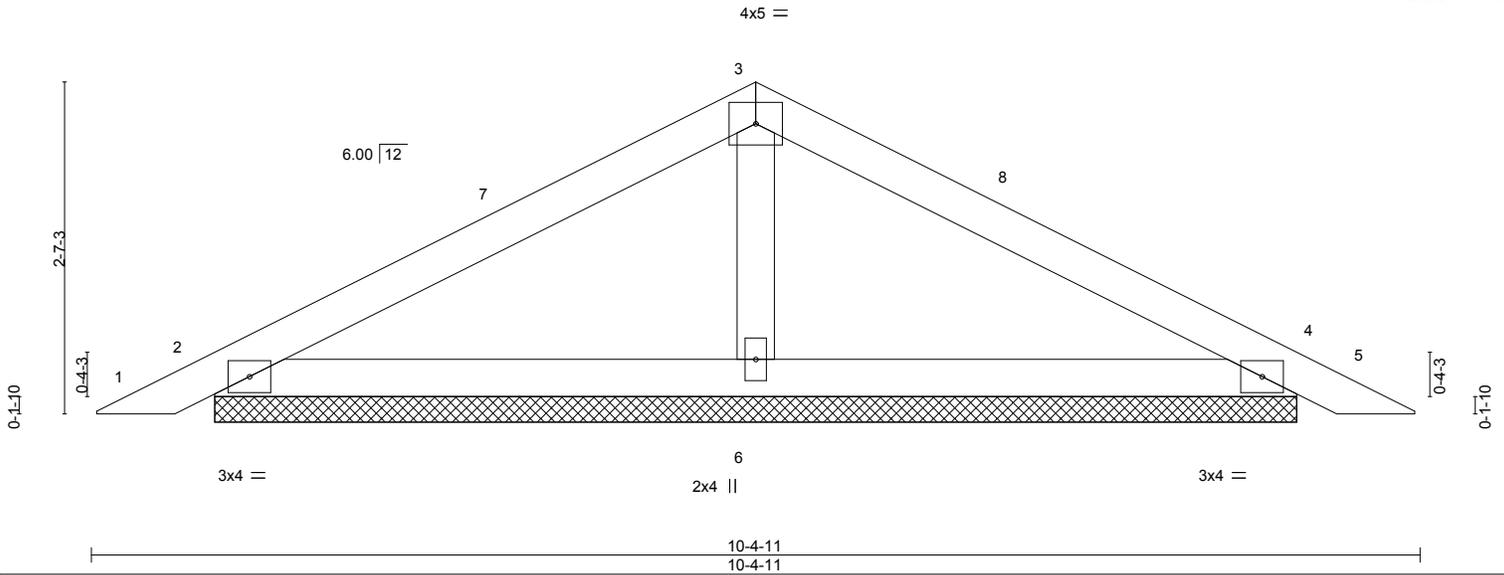
Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:25 2025 Page 1

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Scale = 1:17.9



| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/def | L/d | PLATES | GRIP |
|---------------|----------------------|-------|----------|----------|----------|-------|-----|---------------|----------|
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.21 | Vert(LL) | 0.01 | 5 | n/r | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.18 | Vert(CT) | 0.01 | 5 | n/r | | |
| BCLL 0.0 * | Rep Stress Incr | YES | WB 0.05 | Horz(CT) | 0.00 | 4 | n/a | | |
| BCDL 10.0 | Code FBC2023/TPJ2014 | | Matrix-S | | | | | Weight: 32 lb | FT = 20% |

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2
 OTHERS 2x4 SP No.3

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

REACTIONS. (size) 2=8-5-8, 4=8-5-8, 6=8-5-8
 Max Horz 2=40(LC 12)
 Max Uplift 2=65(LC 12), 4=73(LC 13), 6=61(LC 12)
 Max Grav 2=196(LC 25), 4=196(LC 26), 6=363(LC 1)

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

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 0-4-3 to 3-4-3, Zone1 3-4-3 to 5-2-5, Zone2 5-2-5 to 9-5-1, Zone1 9-5-1 to 10-0-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 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 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 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 65 lb uplift at joint 2, 73 lb uplift at joint 4 and 61 lb uplift at joint 6.
- 8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
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 Date:

January 2,2026

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|----------------|----------------|---------------------|----------|----------|---|-----------|
| Job 5164921 | Truss PB02G | Truss Type GABLE | Qty 2 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680925 |
|----------------|----------------|---------------------|----------|----------|---|-----------|

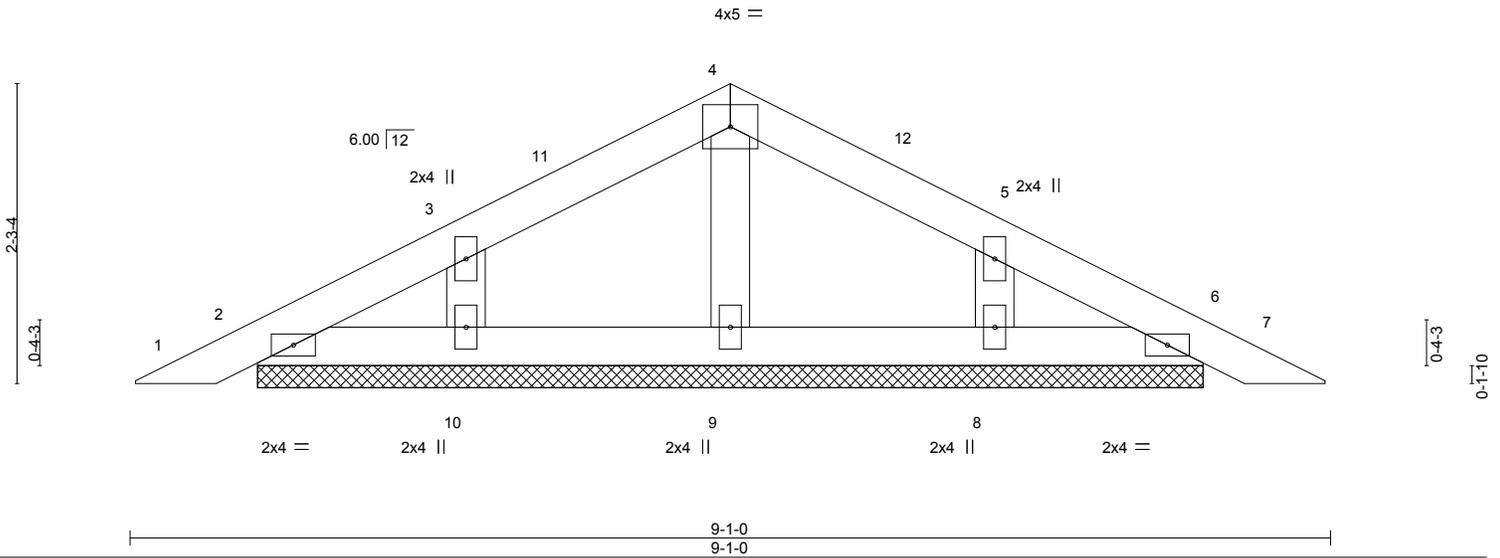
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Scale = 1:17.3



| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP |
|---------------|----------------------|-------|----------|----------|----------|--------|-----|---------------|----------|
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.05 | Vert(LL) | -0.00 | 6 | n/r | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.03 | Vert(CT) | -0.00 | 6 | n/r | | |
| BCLL 0.0 * | Rep Stress Incr | YES | WB 0.05 | Horz(CT) | 0.00 | 6 | n/a | | |
| BCDL 10.0 | Code FBC2023/TP12014 | | Matrix-S | | | | | Weight: 30 lb | FT = 20% |

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 7-1-14.
(lb) - Max Horz 2=-35(LC 17)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6, 9, 10, 8
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9, 10, 8

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

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 0-4-3 to 3-4-3, Zone1 3-4-3 to 4-6-8, Zone3 4-6-8 to 8-8-13 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 5) Gable requires continuous bottom chord bearing.
- 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6, 9, 10, 8.
- 10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

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|----------------|---------------|-------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss PB03 | Truss Type Piggyback | Qty 6 | Ply 2 | MILLIKEN RES. Job Reference (optional) | T39680926 |
|----------------|---------------|-------------------------|----------|----------|---|-----------|

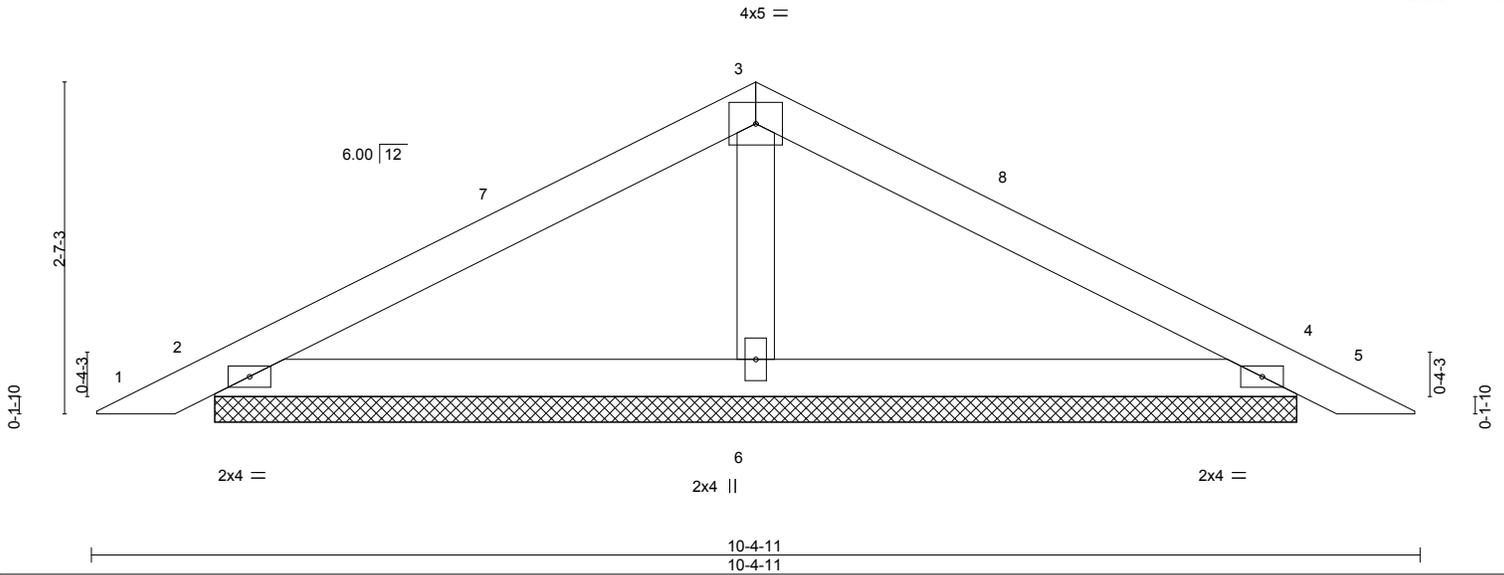
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5-2-5 5-2-5 10-4-11 5-2-5

Scale = 1:17.9



| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/def | L/d | PLATES | GRIP |
|---------------|----------------------|-------|----------|----------|----------|-------|-----|---------------|----------|
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.11 | Vert(LL) | 0.00 | 5 | n/r | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.09 | Vert(CT) | 0.01 | 5 | n/r | | |
| BCLL 0.0 * | Rep Stress Incr | YES | WB 0.02 | Horz(CT) | 0.00 | 4 | n/a | | |
| BCDL 10.0 | Code FBC2023/TP12014 | | Matrix-S | | | | | Weight: 65 lb | FT = 20% |

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2
 OTHERS 2x4 SP No.3

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

REACTIONS. (size) 2=8-5-8, 4=8-5-8, 6=8-5-8
 Max Horz 2=40(LC 12)
 Max Uplift 2=65(LC 12), 4=73(LC 13), 6=61(LC 12)
 Max Grav 2=196(LC 25), 4=196(LC 26), 6=363(LC 1)

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

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 0-4-3 to 3-4-3, Zone1 3-4-3 to 5-2-5, Zone2 5-2-5 to 9-5-1, Zone1 9-5-1 to 10-0-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- Gable requires continuous bottom chord bearing.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 6.
- See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

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 Date:

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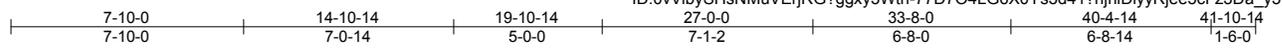
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| | | | | | | |
|----------------|--------------|------------------------------|-----------|----------|---------------|-----------|
| Job 5164921 | Truss T01 | Truss Type Piggyback Base | Qty 10 | Ply 1 | MILLIKEN RES. | T39680927 |
|----------------|--------------|------------------------------|-----------|----------|---------------|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:27 2025 Page 1
 ID:0vVlbySHsNMuVErjRG?ggxy3Wth-77D7O4LG6X0Ys3d41?hjhDllyyRjee5cFz3Da_y3TZw



Scale = 1:77.2

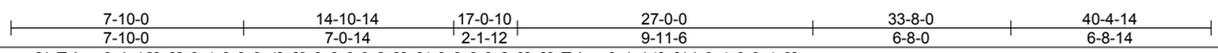
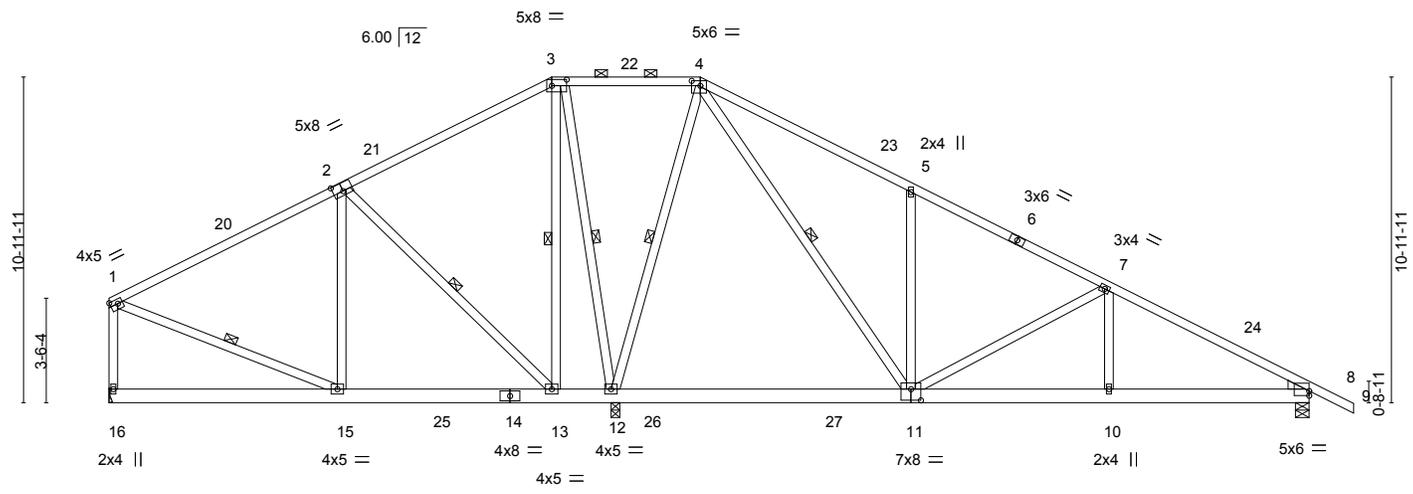


Plate Offsets (X,Y)-- [1:Edge,0-1-12], [2:0-4-0,0-3-4], [3:0-6-0,0-2-8], [4:0-3-8,0-2-0], [8:Edge,0-1-14], [11:0-4-0,0-4-8]

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|----------------------|----------------------|-------|-------------|--------------|-------------|--------|-----|----------------|-------------|
| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.87 | Vert(LL) | -0.15 11-12 | >999 | 240 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.88 | Vert(CT) | -0.30 11-12 | >945 | 180 | | |
| BCLL 0.0 * | Rep Stress Incr | NO | WB 0.79 | Horz(CT) | 0.01 8 | n/a | n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | | Matrix-MS | | | | | Weight: 295 lb | FT = 20% |

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x6 SP No.2
 WEBS 2x4 SP No.3 *Except*
 4-11: 2x4 SP No.2
 WEDGE
 Right: 2x4 SP No.3

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 5-0-13 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): 3-4.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 2-13, 3-13, 3-12, 4-12, 4-11, 1-15

REACTIONS. (size) 16=Mechanical, 12=0-3-8, 8=0-5-8
 Max Horz 16=-259(LC 13)
 Max Uplift 16=-104(LC 12), 12=-655(LC 13), 8=-262(LC 13)
 Max Grav 16=413(LC 27), 12=2953(LC 2), 8=909(LC 28)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-288/229, 2-3=-39/608, 3-4=-2/605, 4-5=-760/413, 5-7=-743/253, 7-8=-1216/334, 1-16=-343/121
 BOT CHORD 13-15=-169/314, 12-13=-491/410, 11-12=-266/303, 10-11=-197/1021, 8-10=-197/1021
 WEBS 2-15=0/408, 2-13=-735/287, 3-12=-695/229, 4-12=-1286/455, 4-11=-542/1515, 5-11=-445/297, 7-11=-483/227

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 0-1-12 to 4-2-4, Zone1 4-2-4 to 14-10-14, Zone3 14-10-14 to 19-10-14, Zone2 19-10-14 to 25-7-7, Zone1 25-7-7 to 41-10-14 zone; end vertical right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 4) Provide adequate drainage to prevent water ponding.
 - 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 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 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) except (jt=lb) 16=104, 12=655, 8=262.
 - 9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - 10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2, 2026

Continued on page 2

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| <p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.</p> <p>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 and DSB-22 available from Truss Plate Institute (www.tpin.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcsccomponents.com)</p> |  <p>16023 Swingley Ridge Rd. Chesterfield, MO 63017 314.434.1200 / MiTek-US.com</p> |
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|----------------|--------------|------------------------------|-----------|----------|---|-----------|
| Job 5164921 | Truss T01 | Truss Type Piggyback Base | Qty 10 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680927 |
|----------------|--------------|------------------------------|-----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:27 2025 Page 2
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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-60, 3-4=-60, 4-9=-60, 12-16=-20, 11-12=-80(F=-60), 11-17=-20

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 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 and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbccomponents.com)

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Chesterfield, MO 63017
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|----------------|---------------|---------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T01G | Truss Type GABLE | Qty 1 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680928 |
|----------------|---------------|---------------------|----------|----------|---|-----------|

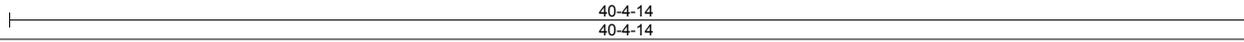
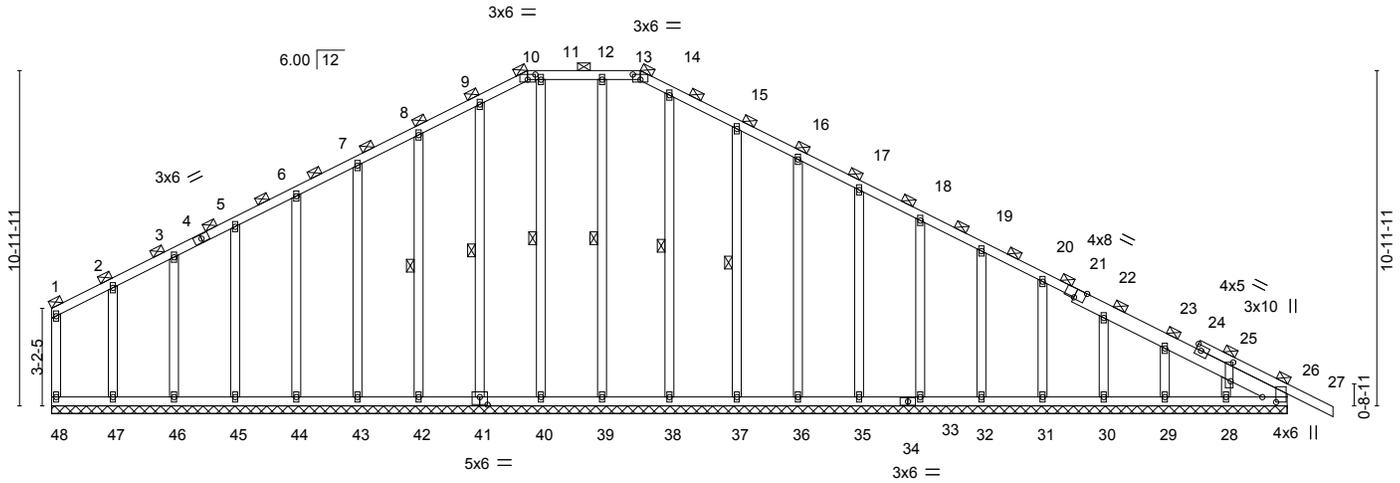
Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:28 2025 Page 1

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Scale = 1:75.0



| | |
|-----------------------|---|
| Plate Offsets (X,Y)-- | [10:0-3-0,0-2-0], [13:0-3-0,0-2-0], [21:0-4-0,Edge], [25:0-7-6,0-1-0], [26:0-2-0,0-5-6], [41:0-3-0,0-3-0] |
|-----------------------|---|

| | | | | | | | | | |
|----------------------|-----------------|-----------------|-------------|--------------|----------|--------|-----|----------------|-------------|
| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.14 | Vert(LL) | -0.00 | 27 | n/r | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.05 | Vert(CT) | -0.01 | 27 | n/r | | |
| BCLL 0.0 * | Rep Stress Incr | YES | WB 0.15 | Horz(CT) | 0.02 | 26 | n/a | | |
| BCDL 10.0 | Code | FBC2023/TPI2014 | Matrix-S | | | | | Weight: 324 lb | FT = 20% |

| | |
|--|--|
| LUMBER- | BRACING- |
| TOP CHORD 2x4 SP No.2 *Except* 21-26: 2x6 SP No.2 | TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals. |
| BOT CHORD 2x4 SP No.2 | BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. |
| WEBS 2x4 SP No.3 | WEBS 1 Row at midpt 14-38, 15-37, 8-42, 9-41, 11-40, 12-39 |
| OTHERS 2x4 SP No.3 | |

REACTIONS. All bearings 40-4-14.
 (lb) - Max Horz 48=254(LC 13)
 Max Uplift All uplift 100 lb or less at joint(s) 48, 38, 28, 29, 30, 31, 32, 33, 35, 36, 37, 47, 46, 45, 44, 43, 42, 41, 39, 26
 Max Grav All reactions 250 lb or less at joint(s) 48, 38, 28, 29, 30, 31, 32, 33, 35, 36, 37, 47, 46, 45, 44, 43, 42, 41, 40, 39, 26

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 7-8=-102/262, 8-9=-122/315, 9-10=-134/344, 10-11=-126/331, 11-12=-126/331, 12-13=-126/331, 13-14=-130/329, 14-15=-129/331, 15-16=-105/275, 16-17=-88/252

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) All plates are 2x4 MT20 unless otherwise indicated.
 - 7) Gable requires continuous bottom chord bearing.
 - 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 any other live loads.
 - 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 48, 38, 28, 29, 30, 31, 32, 33, 35, 36, 37, 47, 46, 45, 44, 43, 42, 41, 39, 26.
 - 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2,2026

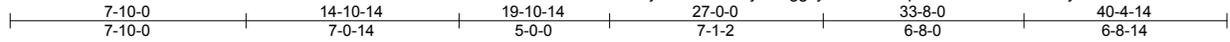
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| <p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.</p> <p>Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for 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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcsccomponents.com)</p> |  <p>16023 Swingley Ridge Rd. Chesterfield, MO 63017 314.434.1200 / MiTek-US.com</p> |
|--|--|

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|----------------|--------------|------------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T02 | Truss Type Piggyback Base | Qty 3 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680929 |
|----------------|--------------|------------------------------|----------|----------|---|-----------|

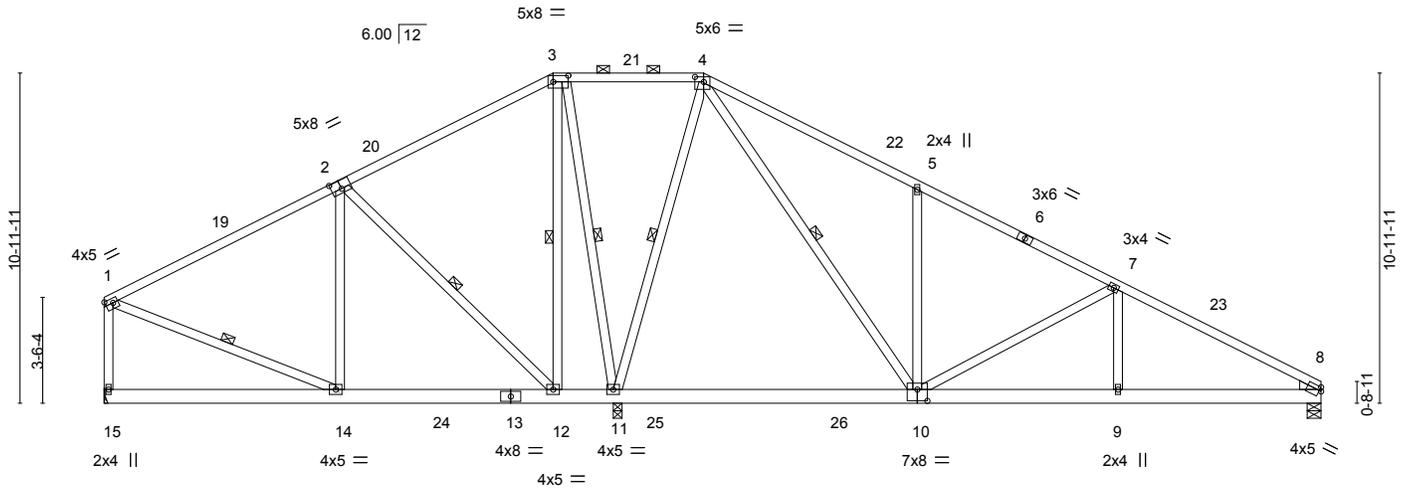
Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:29 2025 Page 1

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Scale = 1:76.1



| | |
|-----------------------|--|
| Plate Offsets (X,Y)-- | [1:Edge,0-1-12], [2:0-4-0,0-3-4], [3:0-6-0,0-2-8], [4:0-3-8,0-2-0], [8:Edge,0-1-8], [10:0-4-0,0-4-8] |
|-----------------------|--|

| LOADING (psf) | SPACING- | CSi. | DEFL. | PLATES | GRIP |
|---------------|----------------------|-----------|-------------------------------|----------------|----------|
| TCLL 20.0 | 2-0-0 | TC 0.86 | in (loc) l/defl L/d | MT20 | 244/190 |
| TCDL 10.0 | Plate Grip DOL 1.25 | BC 0.88 | Vert(LL) -0.15 10-11 >999 240 | | |
| BCLL 0.0 * | Lumber DOL 1.25 | WB 0.79 | Vert(CT) -0.30 10-11 >943 180 | | |
| BCDL 10.0 | Rep Stress Incr NO | Matrix-MS | Horz(CT) 0.01 8 n/a n/a | | |
| | Code FBC2023/TPI2014 | | | Weight: 293 lb | FT = 20% |

| LUMBER- | BRACING- |
|--|---|
| TOP CHORD 2x4 SP No.2 | TOP CHORD Structural wood sheathing directly applied or 4-11-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): 3-4. |
| BOT CHORD 2x6 SP No.2 | BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. |
| WEBS 2x4 SP No.3 *Except* 4-10: 2x4 SP No.2 | WEBS 1 Row at midpt 2-12, 3-12, 3-11, 4-11, 4-10, 1-14 |
| WEDGE Right: 2x4 SP No.3 | |

| REACTIONS. |
|--|
| (size) 15=Mechanical, 11=0-3-8, 8=0-5-8 |
| Max Horz 15=-234(LC 13) |
| Max Uplift 15=-103(LC 12), 11=-658(LC 13), 8=-223(LC 13) |
| Max Grav 15=415(LC 27), 11=2947(LC 2), 8=835(LC 28) |

| FORCES. |
|---|
| (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. |
| TOP CHORD 1-2=-291/222, 2-3=-41/601, 3-4=-4/597, 4-5=-771/413, 5-7=-754/253, 7-8=-1239/340, 1-15=-345/120 |
| BOT CHORD 12-14=-163/291, 11-12=-488/387, 10-11=-262/279, 9-10=-228/1042, 8-9=-228/1042 |
| WEBS 2-14=0/405, 2-12=-733/287, 3-11=-690/230, 4-11=-1285/457, 4-10=-544/1519, 5-10=-444/297, 7-10=-496/234 |

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 0-1-12 to 4-2-4, Zone1 4-2-4 to 14-10-14, Zone3 14-10-14 to 19-10-14, Zone2 19-10-14 to 25-7-7, Zone1 25-7-7 to 40-4-14 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 4) Provide adequate drainage to prevent water ponding.
 - 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 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 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) except (jt=lb) 15=103, 11=658, 8=223.
 - 9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - 10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

| |
|------------------------------|
| LOAD CASE(S) Standard |
|------------------------------|

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2, 2026

Continued on page 2

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| <p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.</p> <p>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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcsccomponents.com)</p> |  <p>16023 Swingley Ridge Rd. Chesterfield, MO 63017 314.434.1200 / MiTek-US.com</p> |
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|----------------|--------------|------------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T02 | Truss Type Piggyback Base | Qty 3 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680929 |
|----------------|--------------|------------------------------|----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:29 2025 Page 2
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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-60, 3-4=-60, 4-8=-60, 11-15=-20, 10-11=-80(F=-60), 10-16=-20

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

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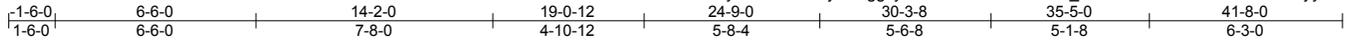
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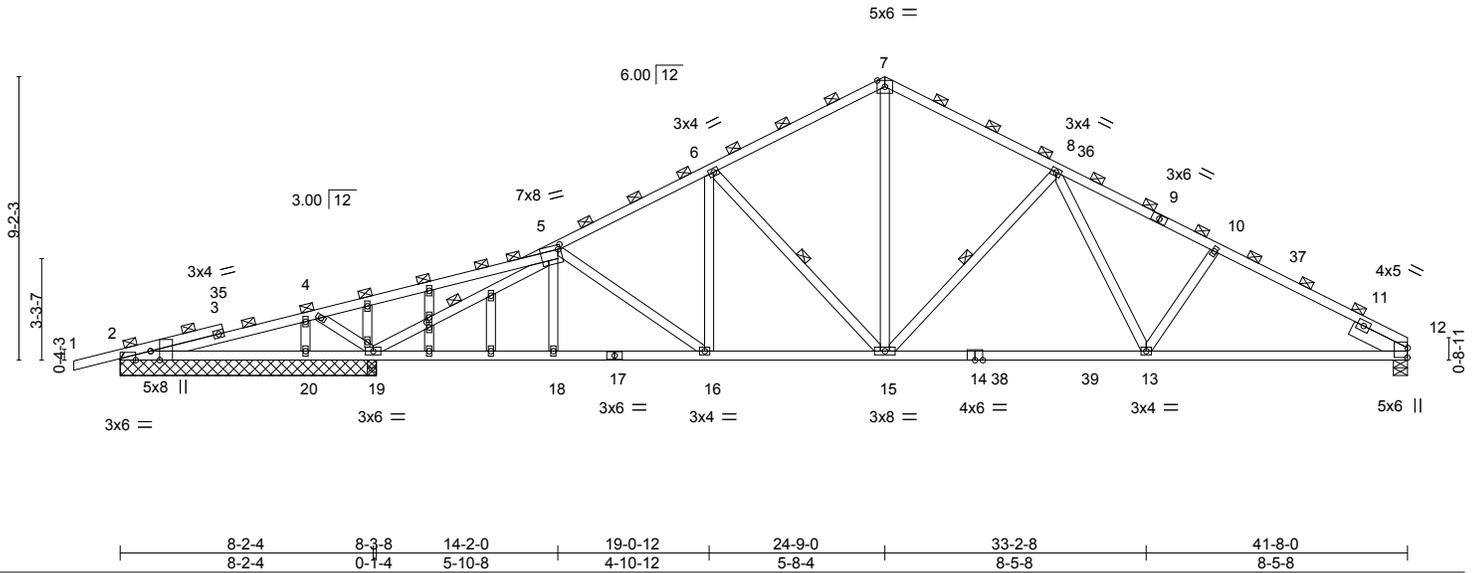
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|----------------|---------------|---------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T03G | Truss Type GABLE | Qty 1 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680931 |
|----------------|---------------|---------------------|----------|----------|---|-----------|

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Scale = 1:74.2



| | |
|-----------------------|---|
| Plate Offsets (X,Y)-- | [2:0-3-8,Edge], [2:0-5-12,Edge], [5:0-1-0,0-1-12], [12:0-3-12,0-0-2], [23:0-1-15,0-1-0] |
|-----------------------|---|

| LOADING (psf) | SPACING- | CSi. | DEFL. | PLATES | GRIP |
|---------------|----------------------|-----------|-------------------------------|----------------|----------|
| TCLL 20.0 | 2-0-0 | TC 0.81 | in (loc) l/defl L/d | MT20 | 244/190 |
| TCDL 10.0 | Plate Grip DOL 1.25 | BC 0.85 | Vert(LL) -0.26 13-15 >999 240 | | |
| BCLL 0.0 * | Lumber DOL 1.25 | WB 0.82 | Vert(CT) -0.47 13-15 >864 180 | | |
| BCDL 10.0 | Rep Stress Incr YES | Matrix-MS | Horz(CT) 0.09 12 n/a n/a | | |
| | Code FBC2023/TPI2014 | | | Weight: 237 lb | FT = 20% |

| LUMBER- | BRACING- |
|---------------------------------|---|
| TOP CHORD 2x4 SP No.2 | TOP CHORD 2-0-0 oc purlins (2-8-8 max.). |
| BOT CHORD 2x4 SP No.2 | BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. |
| WEBS 2x4 SP No.3 | WEBS 1 Row at midpt 5-19, 6-15, 8-15 |
| OTHERS 2x4 SP No.3 | |
| SLIDER Right 2x6 SP No.2 1-11-8 | |

REACTIONS. All bearings 8-3-8 except (jt=length) 12=0-5-8.
 (lb) - Max Horz 2=167(LC 12)
 Max Uplift All uplift 100 lb or less at joint(s) except 2=-145(LC 8), 19=-501(LC 12), 12=-313(LC 13)
 Max Grav All reactions 250 lb or less at joint(s) 2, 20, 2 except 19=1954(LC 2), 19=1847(LC 1), 12=1402(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-4=-88/535, 4-5=-279/913, 5-6=-1879/416, 6-7=-1533/400, 7-8=-1532/411,
 8-10=-2198/524, 10-12=-2321/525
 BOT CHORD 2-20=-467/132, 19-20=-467/132, 18-19=-397/1683, 16-18=-392/1704, 15-16=-329/1609,
 13-15=-257/1711, 12-13=-391/2014
 WEBS 4-19=-599/311, 5-19=-2927/685, 6-15=-473/233, 7-15=-229/1054, 8-15=-610/287,
 8-13=-111/509

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-6-0 to 2-8-0, Zone1 2-8-0 to 24-9-0, Zone2 24-9-0 to 30-7-11, Zone1 30-7-11 to 41-8-0 zone; end vertical 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 5) All plates are 2x4 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 145 lb uplift at joint 2, 501 lb uplift at joint 19, 313 lb uplift at joint 12 and 145 lb uplift at joint 2.
 - 10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2, 2026

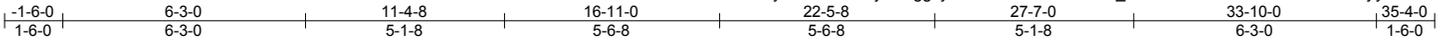
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| <p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.</p> <p>Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for 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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcsccomponents.com)</p> |  <p>16023 Swingley Ridge Rd. Chesterfield, MO 63017 314.434.1200 / MiTek-US.com</p> |
|--|--|

| | | | | | | |
|----------------|--------------|----------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T04 | Truss Type Common | Qty 3 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680932 |
|----------------|--------------|----------------------|----------|----------|---|-----------|

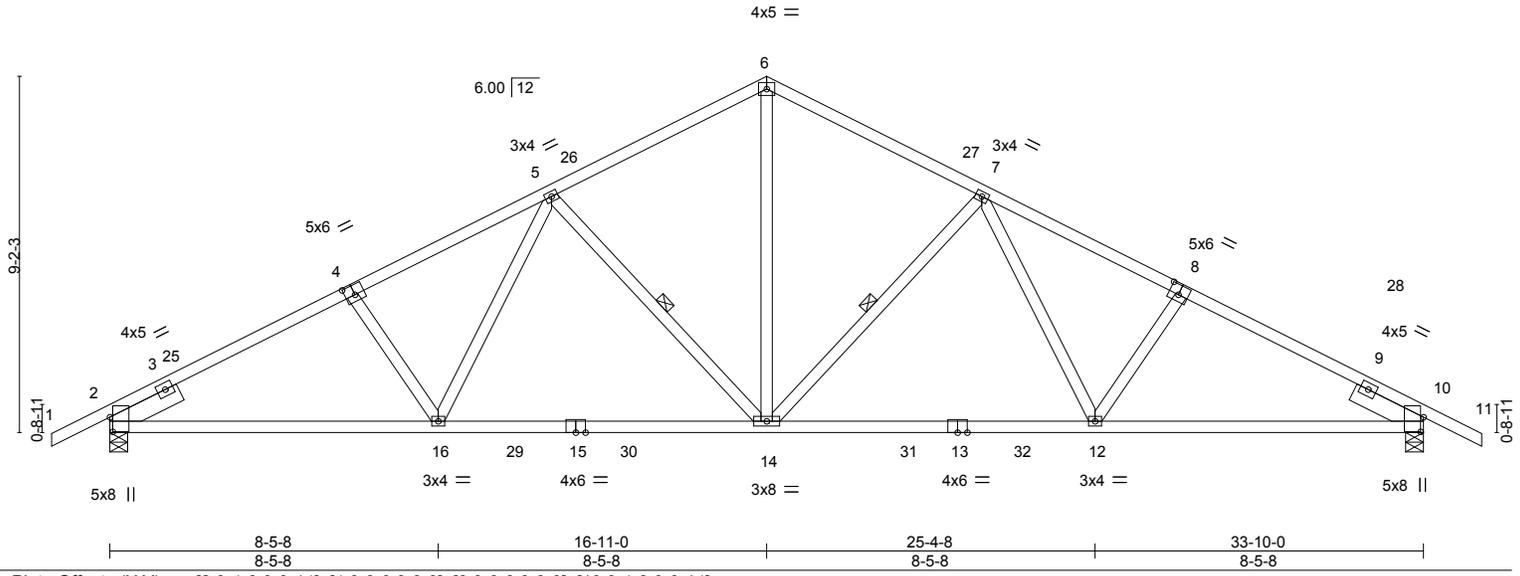
Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:31 2025 Page 1

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Scale = 1:59.1



| | |
|-----------------------|---|
| Plate Offsets (X,Y)-- | [2:0-4-8,0-0-14], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [10:0-4-8,0-0-14] |
|-----------------------|---|

| | | | | | |
|----------------------|-----------------------|-------------|----------------------------------|----------------|-------------|
| LOADING (psf) | SPACING- 2-0-0 | CSI. | DEFL. in (loc) l/defl L/d | PLATES | GRIP |
| TCLL 20.0 | Plate Grip DOL 1.25 | TC 0.82 | Vert(LL) -0.25 12-14 >999 240 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL 1.25 | BC 0.97 | Vert(CT) -0.45 12-14 >903 180 | | |
| BCLL 0.0 * | Rep Stress Incr YES | WB 0.46 | Horz(CT) 0.11 10 n/a n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | Matrix-MS | | Weight: 188 lb | FT = 20% |

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 7-14, 5-14

REACTIONS. (size) 2=0-5-8, 10=0-5-8
Max Horz 2=-154(LC 13)
Max Uplift 2=-357(LC 12), 10=-357(LC 13)
Max Grav 2=1557(LC 2), 10=1557(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-2455/530, 4-5=-2323/533, 5-6=-1704/412, 6-7=-1704/412, 7-8=-2323/533, 8-10=-2455/530
BOT CHORD 2-16=-522/2128, 14-16=-382/1851, 12-14=-262/1851, 10-12=-368/2128
WEBS 6-14=-239/1214, 7-14=-591/285, 7-12=-109/476, 5-14=-591/285, 5-16=-109/476

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-6-0 to 1-10-10, Zone1 1-10-10 to 16-11-0, Zone2 16-11-0 to 21-8-7, Zone1 21-8-7 to 35-4-0 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
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 357 lb uplift at joint 2 and 357 lb uplift at joint 10.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

January 2, 2026

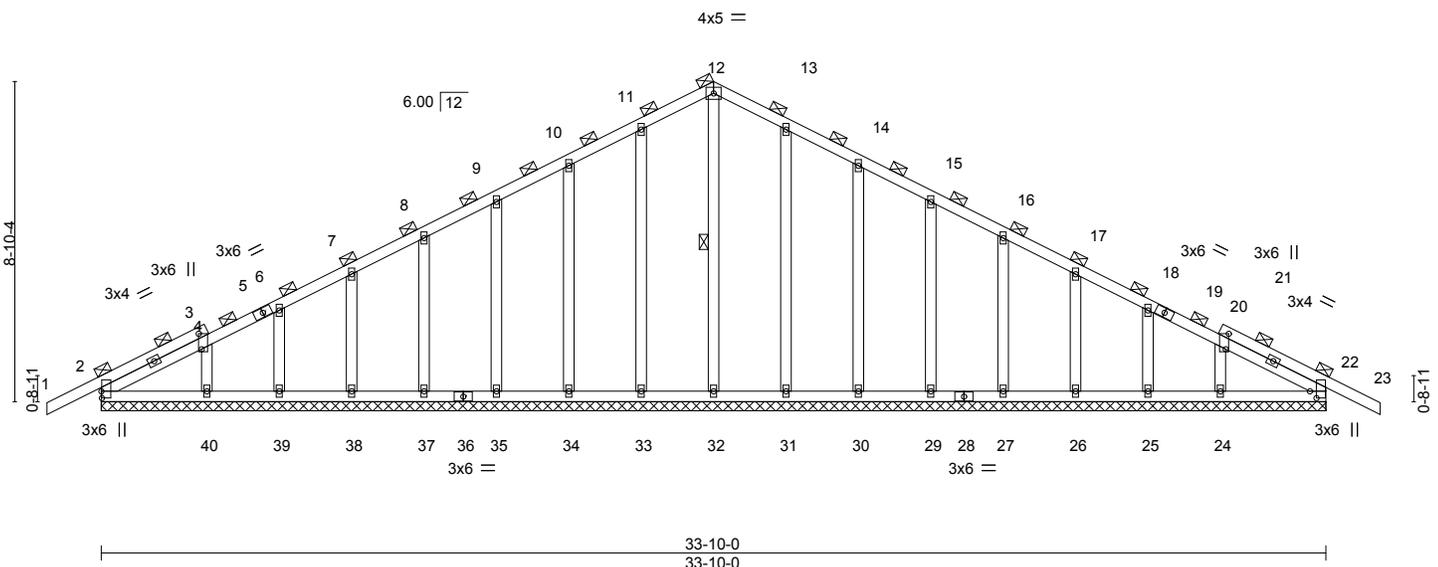
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|----------------|---------------|--------------------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T04G | Truss Type Common Supported Gable | Qty 1 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680933 |
|----------------|---------------|--------------------------------------|----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:32 2025 Page 1
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Scale = 1:63.3



| | |
|-----------------------|--|
| Plate Offsets (X,Y)-- | [2:0-2-4,0-0-3], [3:0-5-2,0-1-0], [21:0-5-2,0-1-0], [22:0-2-4,0-2-3] |
|-----------------------|--|

| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP | |
|---------------|-----------------|-----------------|----------|----------|----------|--------|-----|--------|----------------|----------|
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.14 | Vert(LL) | -0.00 | 23 | n/r | 120 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.05 | Vert(CT) | -0.01 | 23 | n/r | 120 | | |
| BCLL 0.0 * | Rep Stress Incr | YES | WB 0.14 | Horz(CT) | 0.01 | 22 | n/a | n/a | | |
| BCDL 10.0 | Code | FBC2023/TPI2014 | Matrix-S | | | | | | Weight: 223 lb | FT = 20% |

| LUMBER- | BRACING- |
|-----------------------|--|
| TOP CHORD 2x4 SP No.2 | TOP CHORD 2-0-0 oc purlins (6-0-0 max.). |
| BOT CHORD 2x4 SP No.2 | BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. |
| OTHERS 2x4 SP No.3 | WEBS 1 Row at midpt 12-32 |

REACTIONS. All bearings 33-10-0.
 (lb) - Max Horz 2=148(LC 16)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 33, 34, 35, 37, 38, 39, 40, 31, 30, 29, 27, 26, 25, 24, 22
 Max Grav All reactions 250 lb or less at joint(s) 2, 32, 33, 34, 35, 37, 38, 39, 40, 31, 30, 29, 27, 26, 25, 24, 22

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 11-12=-103/256, 12-13=-103/256

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 5) All plates are 2x4 MT20 unless otherwise indicated.
 - 6) Gable requires continuous bottom chord bearing.
 - 7) Gable studs spaced at 2-0-0 oc.
 - 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 33, 34, 35, 37, 38, 39, 40, 31, 30, 29, 27, 26, 25, 24, 22.
 - 11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

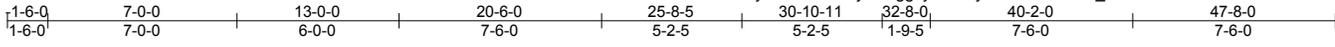
Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2,2026

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|----------------|--------------|------------------------------|----------|----------|---------------|-----------|
| Job 5164921 | Truss T05 | Truss Type Piggyback Base | Qty 2 | Ply 1 | MILLIKEN RES. | T39680934 |
|----------------|--------------|------------------------------|----------|----------|---------------|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:33 2025 Page 1
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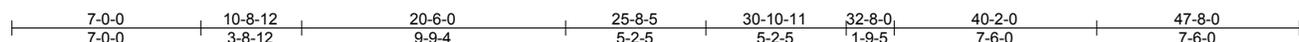
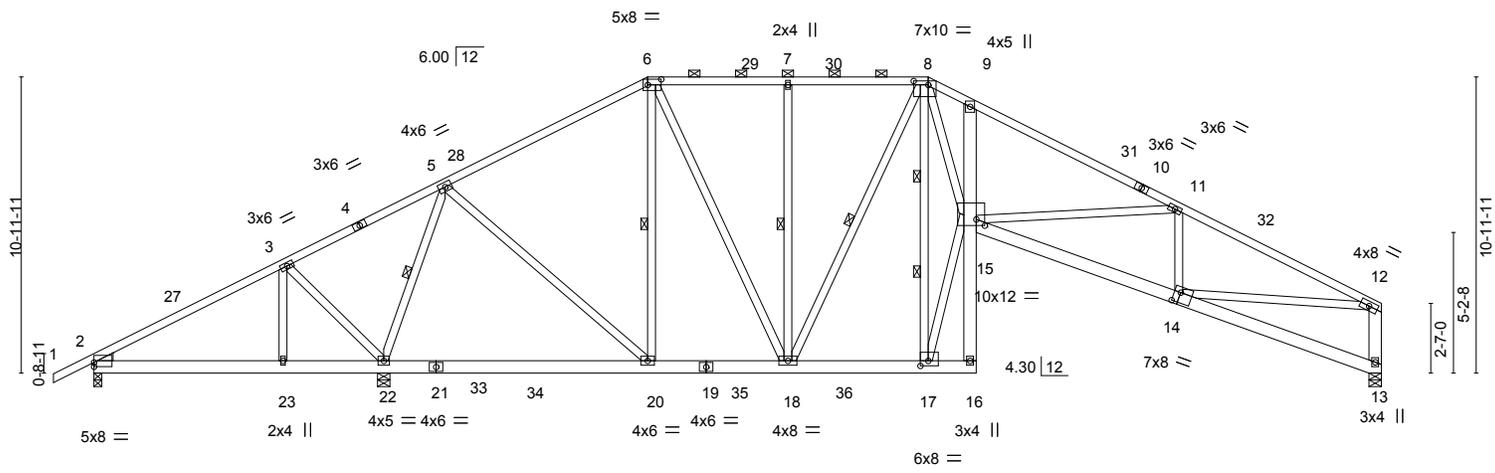


Plate Offsets (X,Y)-- [2:0-0-0,0-1-14], [6:0-6-0,0-2-8], [8:0-6-8,0-1-12], [14:0-2-12,0-4-8], [15:0-3-12,0-2-12], [17:0-3-8,0-2-4]

| | | | | | | | | | |
|----------------------|----------------------|-------|-------------|--------------|-------------|--------|-----|----------------|-------------|
| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.92 | Vert(LL) | -0.32 14-15 | >999 | 240 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.58 | Vert(CT) | -0.58 14-15 | >760 | 180 | | |
| BCLL 0.0 * | Rep Stress Incr | YES | WB 0.93 | Horz(CT) | 0.49 13 | n/a | n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | | Matrix-MS | | | | | | |
| | | | | | | | | Weight: 381 lb | FT = 20% |

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| LUMBER- | BRACING- |
| TOP CHORD 2x4 SP No.2 | TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-8. |
| BOT CHORD 2x6 SP No.2 | BOT CHORD Rigid ceiling directly applied or 4-10-5 oc bracing. |
| WEBS 2x4 SP No.3 *Except* | WEBS 1 Row at midpt 5-22, 6-20, 7-18, 8-18 |
| 6-20,7-18,8-17,15-17,8-15: 2x4 SP No.2, 12-13: 2x6 SP No.2 | 2 Rows at 1/3 pts 8-17 |
| WEDGE | |
| Left: 2x4 SP No.3 | |

| | |
|-------------------|--|
| REACTIONS. | (size) 2=0-3-8, 22=0-5-8, 13=0-5-8 |
| | Max Horz 2=203(LC 11) |
| | Max Uplift 2=-649(LC 28), 22=-617(LC 12), 13=-326(LC 13) |
| | Max Grav 2=103(LC 13), 22=3440(LC 2), 13=1306(LC 2) |

| | |
|----------------|--|
| FORCES. | (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. |
| TOP CHORD | 2-3=-271/1705, 3-5=-320/2150, 5-6=-581/264, 6-7=-772/334, 7-8=-772/334, 8-9=-2310/639, 9-11=-2580/590, 11-12=-2586/633, 12-13=-1218/358 |
| BOT CHORD | 2-23=-1487/332, 22-23=-1487/332, 20-22=-988/261, 18-20=-96/428, 17-18=-122/975, 14-15=-562/2406 |
| WEBS | 3-23=-181/305, 3-22=-611/317, 5-22=-2868/539, 5-20=-251/1843, 6-20=-882/214, 6-18=-252/879, 7-18=-356/181, 8-18=-484/156, 8-17=-2429/350, 15-17=-354/2874, 8-15=-650/3826, 11-14=-455/206, 12-14=-467/2152 |

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-6-0 to 3-3-3, Zone1 3-3-3 to 20-6-0, Zone2 20-6-0 to 27-2-14, Zone1 27-2-14 to 30-10-11, Zone2 30-10-11 to 37-7-9, Zone1 37-7-9 to 47-5-4 zone; end vertical right exposed; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Bearing at joint(s) 13 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=649, 22=617, 13=326.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
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 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

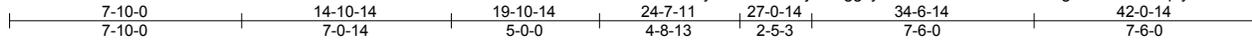
January 2, 2026

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|----------------|---------------|---------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T05G | Truss Type GABLE | Qty 1 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680935 |
|----------------|---------------|---------------------|----------|----------|---|-----------|

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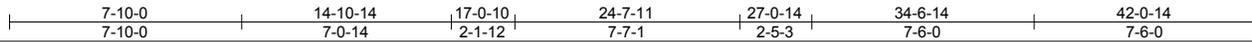
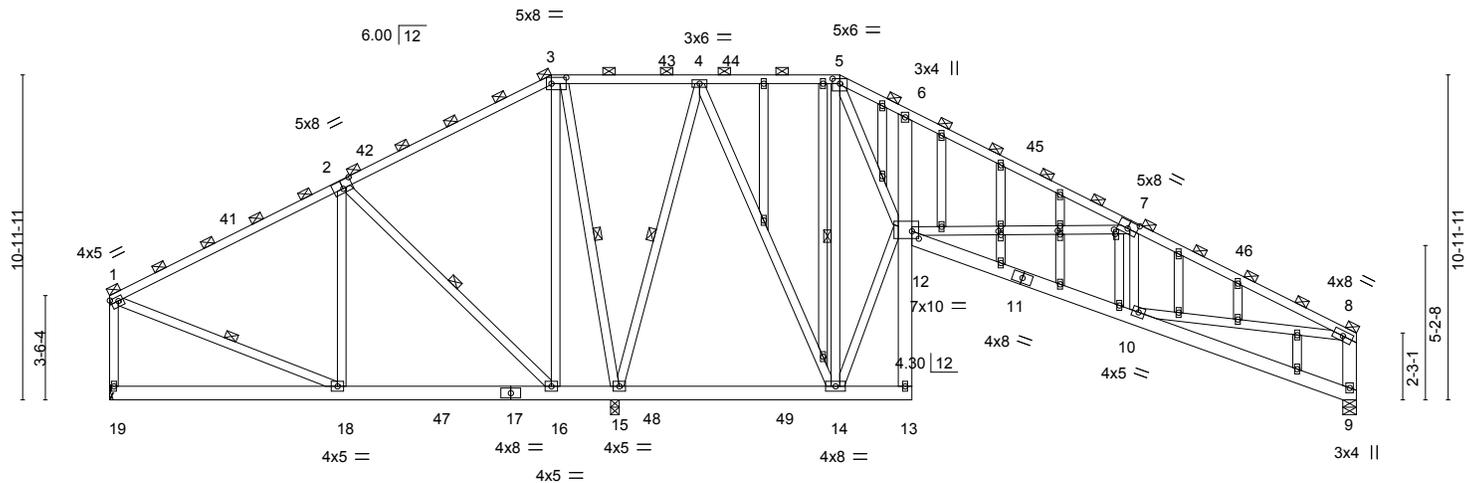


Plate Offsets (X,Y)-- [1:Edge,0-1-12], [2:0-4-0,0-3-4], [3:0-6-0,0-2-8], [5:0-3-0,0-2-0], [7:0-4-0,0-3-0], [7:0-1-12,0-0-8], [12:0-2-12,0-3-0], [29:0-1-8,0-1-0], [32:0-1-8,0-1-0]

| LOADING (psf) | SPACING- | CSi. | DEFL. | PLATES | GRIP |
|---------------|----------------------|-----------|-------------------------------|----------------|----------|
| TCLL 20.0 | 2-0-0 | TC 0.83 | in (loc) l/defl L/d | MT20 | 244/190 |
| TCDL 10.0 | Plate Grip DOL 1.25 | BC 0.34 | Vert(LL) -0.08 10-12 >999 240 | | |
| BCLL 0.0 * | Lumber DOL 1.25 | WB 0.88 | Vert(CT) -0.16 10-12 >999 180 | | |
| BCDL 10.0 | Rep Stress Incr YES | Matrix-MS | Horz(CT) 0.09 9 n/a n/a | | |
| | Code FBC2023/TPI2014 | | | Weight: 405 lb | FT = 20% |

| LUMBER- | BRACING- |
|---------------------------|--|
| TOP CHORD 2x4 SP No.2 | TOP CHORD 2-0-0 oc purlins (4-4-9 max.), except end verticals. |
| BOT CHORD 2x6 SP No.2 | BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. |
| WEBS 2x4 SP No.3 *Except* | WEBS 1 Row at midpt 2-16, 3-15, 4-15, 5-14, 1-18 |
| 8-9: 2x6 SP No.2 | |
| OTHERS 2x4 SP No.3 | |

REACTIONS. (size) 19=Mechanical, 15=0-3-8, 9=0-5-8
 Max Horz 19=161(LC 8)
 Max Uplift 19=160(LC 26), 15=480(LC 13), 9=209(LC 13)
 Max Grav 19=365(LC 25), 15=2792(LC 2), 9=686(LC 28)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-235/382, 2-3=-35/780, 3-4=-11/860, 6-7=-367/156, 7-8=-1213/377, 1-19=-299/222, 8-9=-610/244
 BOT CHORD 16-18=-306/196, 15-16=-662/290, 14-15=-524/220, 6-12=-282/198, 10-12=-320/1117
 WEBS 2-18=0/466, 2-16=-787/261, 3-16=-134/529, 3-15=-1134/256, 4-15=-1339/373, 4-14=-265/1100, 5-14=-638/45, 12-14=-253/287, 5-12=-58/644, 7-12=-783/358, 1-18=-352/92, 8-10=-227/917

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 0-1-12 to 4-4-4, Zone1 4-4-4 to 14-10-14, Zone2 14-10-14 to 20-10-4, Zone1 20-10-4 to 24-7-11, Zone2 24-7-11 to 30-7-1, Zone1 30-7-1 to 41-10-2 zone; end vertical 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 5) Provide adequate drainage to prevent water ponding.
- 6) All plates are 2x4 MT20 unless otherwise indicated.
- 7) Gable studs spaced at 2-0-0 oc.
- 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 10) Refer to girder(s) for truss to truss connections.
- 11) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 19=160, 15=480, 9=209.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2, 2026

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

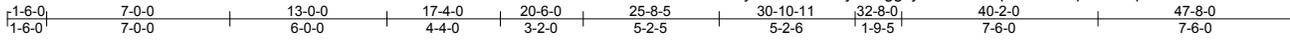
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall 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 and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcsccomponents.com)

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| | | | | | | |
|----------------|--------------|------------------------------|----------|----------|---------------|-----------|
| Job 5164921 | Truss T06 | Truss Type Piggyback Base | Qty 1 | Ply 1 | MILLIKEN RES. | T39680936 |
|----------------|--------------|------------------------------|----------|----------|---------------|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:35 2025 Page 1

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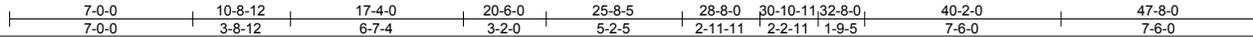
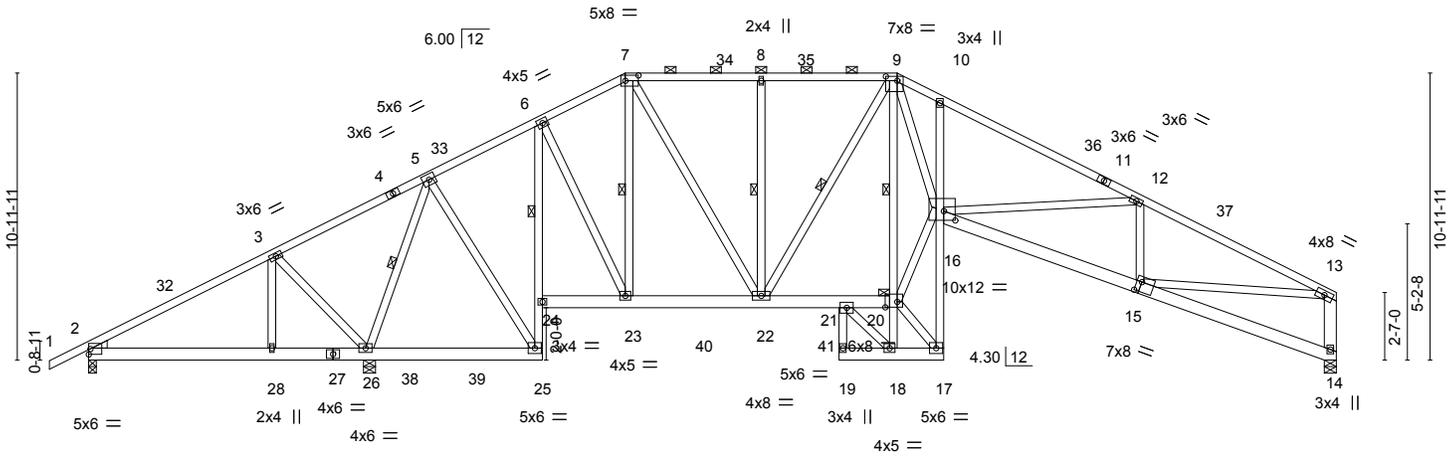


Plate Offsets (X, Y)-- [7:0-6-0,0-2-8], [9:0-5-4,0-2-0], [15:0-2-4,0-4-8], [16:0-5-4,0-4-4], [20:0-5-8,0-2-8]

| LOADING (psf) | SPACING- | CSi. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP |
|---------------|----------------------|-----------|----------|----------|--------|------|----------------|----------|
| TCLL 20.0 | Plate Grip DOL 1.25 | TC 0.86 | Vert(LL) | -0.27 | 15-16 | >999 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL 1.25 | BC 0.57 | Vert(CT) | -0.49 | 15-16 | >902 | | |
| BCLL 0.0 * | Rep Stress Incr YES | WB 0.86 | Horz(CT) | 0.40 | 14 | n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | Matrix-MS | | | | | | |
| | | | | | | | Weight: 393 lb | FT = 20% |

| LUMBER- | BRACING- |
|--|--|
| TOP CHORD 2x4 SP No.2 | TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-5-11 max.): 7-9. |
| BOT CHORD 2x6 SP No.2 *Except* 6-25,19-21,10-17: 2x4 SP No.3 | BOT CHORD Rigid ceiling directly applied or 4-2-3 oc bracing. Except: 1 Row at midpt 6-24 |
| WEBS 2x4 SP No.3 *Except* 16-20,9-16: 2x4 SP No.2, 13-14: 2x6 SP No.2 | WEBS 1 Row at midpt 5-26, 7-23, 8-22, 9-20, 9-22 |
| WEDGE Left: 2x4 SP No.3 | JOINTS 1 Brace at Jt(s): 20 |

REACTIONS. (size) 2=0-3-8, 26=0-5-8, 14=0-5-8
 Max Horz 2=203(LC 11)
 Max Uplift 2=518(LC 28), 26=658(LC 12), 14=353(LC 13)
 Max Grav 2=22(LC 9), 26=3325(LC 2), 14=1357(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-228/1521, 3-5=-339/1998, 5-6=-226/254, 6-7=-701/320, 7-8=-1059/397,
 8-9=-1059/397, 9-10=-2694/783, 10-12=-2792/691, 12-13=-2704/696, 13-14=-1267/384
 BOT CHORD 2-28=-1280/177, 26-28=-1280/177, 25-26=-817/134, 24-25=-1383/217, 6-24=-1382/228,
 22-23=-91/580, 21-22=-186/1351, 20-21=-225/1675, 17-18=-298/39, 16-17=-325/51,
 10-16=-306/222, 15-16=-623/2524
 WEBS 3-28=-169/335, 3-26=-661/324, 5-26=-2823/541, 5-25=-233/1758, 6-23=-134/1078,
 7-23=-684/127, 7-22=-231/944, 8-22=-361/182, 18-20=-26/461, 9-20=-1623/267,
 16-20=-368/2709, 9-16=-720/3327, 12-15=-494/228, 13-15=-522/2256, 18-21=-431/50,
 9-22=-576/150, 17-20=-66/458

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-6-0 to 3-3-3, Zone1 3-3-3 to 20-6-0, Zone2 20-6-0 to 27-2-14, Zone1 27-2-14 to 30-10-11, Zone2 30-10-11 to 37-7-9, Zone1 37-7-9 to 47-5-4 zone; end vertical right exposed; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- Bearing at joint(s) 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=518, 26=658, 14=353.
- Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2, 2026

| | |
|--|--|
| <p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2023 BEFORE USE.</p> <p>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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcsccomponents.com)</p> | <p>16023 Swingley Ridge Rd. Chesterfield, MO 63017 314.434.1200 / MiTek-US.com</p> |
|--|--|

| | | | | | | |
|----------------|--------------|-------------------------------------|----------|-----------------|---|-----------|
| Job 5164921 | Truss T07 | Truss Type Piggyback Base Girder | Qty 2 | Ply 2 | MILLIKEN RES. Job Reference (optional) | T39680937 |
|----------------|--------------|-------------------------------------|----------|-----------------|---|-----------|

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8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:37 2025 Page 2
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NOTES-

- 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 9) Bearing at joint(s) 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=1017, 26=1222, 14=1282.
- 11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 12) This truss has large uplift reaction(s) from gravity load case(s). Proper connection is required to secure truss against upward movement at the bearings. Building designer must provide for uplift reactions indicated.
- 13) Use Simpson Strong-Tie HHUS26-2 (14-10d Girder, 4-10d Truss) or equivalent at 31-10-0 from the left end to connect truss(es) to front face of bottom chord.
- 14) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 - Uniform Loads (plf)
 - Vert: 1-7=-60, 7-9=-60, 9-32=-60, 25-29=-20, 21-24=-20, 17-19=-20, 14-16=-20
 - Concentrated Loads (lb)
 - Vert: 37=-432(F)
 - Trapezoidal Loads (plf)
 - Vert: 32=-160-to-13=-280

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

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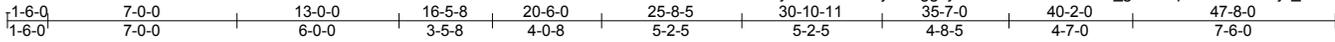
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| | | | | | | |
|----------------|--------------|------------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T09 | Truss Type Piggyback Base | Qty 3 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680939 |
|----------------|--------------|------------------------------|----------|----------|---|-----------|

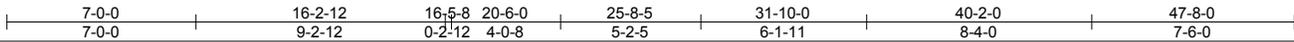
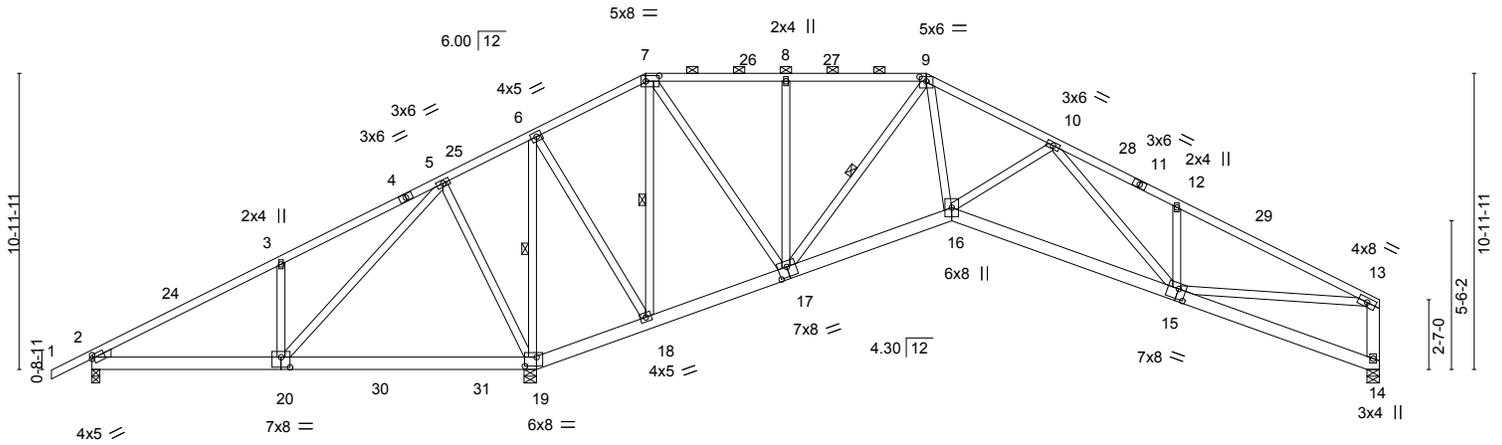
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Scale = 1:84.9



| | |
|-----------------------|--|
| Plate Offsets (X,Y)-- | [2:0-0-12,0-1-8], [7:0-6-0,0-2-8], [9:0-3-0,0-2-0], [15:0-3-4,0-4-8], [17:0-4-0,0-4-8], [19:0-5-4,0-4-0], [20:0-4-0,0-4-8] |
|-----------------------|--|

| LOADING (psf) | SPACING- | CSi. | DEFL. | PLATES | GRIP |
|---------------|----------------------|-----------|-------------------------------|----------------|----------|
| TCLL 20.0 | 2-0-0 | TC 0.81 | in (loc) l/defl L/d | MT20 | 244/190 |
| TCDL 10.0 | Plate Grip DOL 1.25 | BC 0.44 | Vert(LL) -0.14 15-16 >999 240 | | |
| BCLL 0.0 * | Lumber DOL 1.25 | WB 0.72 | Vert(CT) -0.27 15-16 >999 180 | | |
| BCDL 10.0 | Rep Stress Incr YES | Matrix-MS | Horz(CT) 0.15 14 n/a n/a | | |
| | Code FBC2023/TPI2014 | | | Weight: 343 lb | FT = 20% |

| LUMBER- | BRACING- |
|--|---|
| TOP CHORD 2x4 SP No.2 | TOP CHORD Structural wood sheathing directly applied or 1-11-14 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-9. |
| BOT CHORD 2x6 SP No.2 | BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. |
| WEBS 2x4 SP No.3 *Except* 13-14: 2x6 SP No.2 | WEBS 1 Row at midpt 6-19, 7-18, 9-17 |
| WEDGE Left: 2x4 SP No.3 | |

| REACTIONS. |
|--|
| (size) 2=0-3-8, 19=0-5-8, 14=0-5-8 |
| Max Horz 2=203(LC 11) |
| Max Uplift 2=-142(LC 26), 19=-582(LC 12), 14=-270(LC 13) |
| Max Grav 2=340(LC 25), 19=2988(LC 2), 14=1007(LC 28) |

| FORCES. |
|---|
| (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. |
| TOP CHORD 2-3=-138/592, 3-5=-125/580, 5-6=-219/1309, 6-7=-42/511, 7-8=-320/177, 8-9=-315/175, 9-10=-1370/364, 10-12=-1841/620, 12-13=-1858/485, 13-14=-924/304 |
| BOT CHORD 2-20=-498/213, 19-20=-908/295, 18-19=-1284/382, 17-18=-491/301, 16-17=-92/1029, 15-16=-305/1578 |
| WEBS 3-20=-414/273, 5-20=-460/1003, 5-19=-585/282, 6-19=-1757/338, 6-18=-205/1434, 7-18=-1369/253, 7-17=-238/1176, 8-17=-359/182, 9-17=-1120/252, 9-16=-226/1304, 10-16=-365/252, 10-15=-173/308, 12-15=-394/264, 13-15=-325/1495 |

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-6-0 to 3-3-3, Zone1 3-3-3 to 20-6-0, Zone2 20-6-0 to 27-2-14, Zone1 27-2-14 to 30-10-11, Zone2 30-10-11 to 37-7-9, Zone1 37-7-9 to 47-5-4 zone; end vertical right exposed; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Bearing at joint(s) 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=142, 19=582, 14=270.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

January 2, 2026

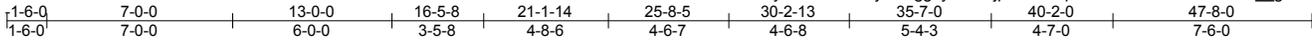
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|--|--|

| | | | | | | |
|----------------|---------------|---------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T09G | Truss Type GABLE | Qty 1 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680940 |
|----------------|---------------|---------------------|----------|----------|---|-----------|

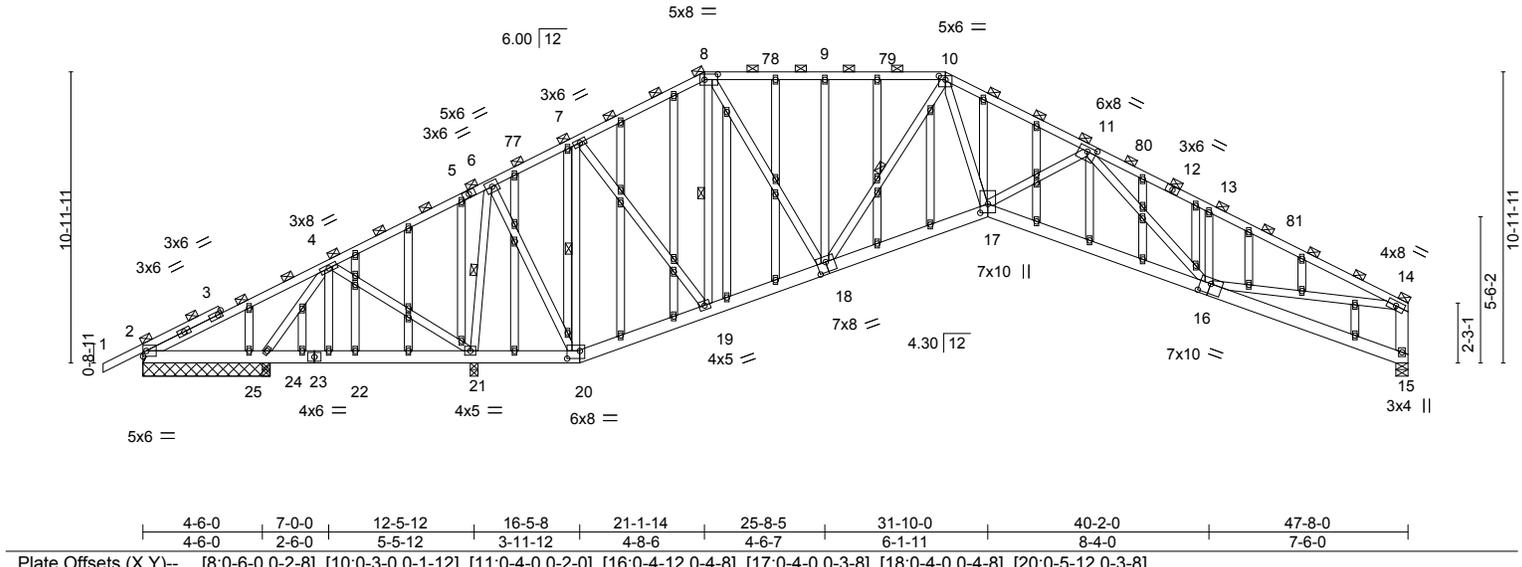
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Scale = 1:86.4



| LOADING (psf) | SPACING- | CSi. | DEFL. | PLATES | GRIP |
|---------------|----------------------|-----------|-------------------------------|----------------|----------|
| TCLL 20.0 | Plate Grip DOL 1.25 | TC 0.69 | in (loc) l/defl L/d | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL 1.25 | BC 0.49 | Vert(LL) -0.16 16-17 >999 240 | | |
| BCLL 0.0 * | Rep Stress Incr YES | WB 0.76 | Vert(CT) -0.34 16-17 >999 180 | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | Matrix-MS | Horz(CT) 0.22 15 n/a n/a | | |
| | | | | Weight: 492 lb | FT = 20% |

| LUMBER- | BRACING- |
|--|--|
| TOP CHORD 2x4 SP No.2 *Except* 12-14: 2x4 SP 2700F 2.2E or 2x4 SP 2850F 2.0E or 2x4 SP M 31 | TOP CHORD 2-0-0 oc purlins (3-3-5 max.), except end verticals. |
| BOT CHORD 2x6 SP No.2 | BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. |
| WEBS 2x4 SP No.3 *Except* 14-15: 2x6 SP No.2 | WEBS 1 Row at midpt 6-21, 7-20, 8-19, 10-18 |
| OTHERS 2x4 SP No.3 | |

REACTIONS. All bearings 4-9-8 except (jt=length) 21=0-3-8, 15=0-5-8, 24=0-3-8, 24=0-3-8.
 (lb) - Max Horz 2=198(LC 16)
 Max Uplift All uplift 100 lb or less at joint(s) 2 except 21=587(LC 12), 15=307(LC 13), 25=200(LC 9), 24=769(LC 26), 24=704(LC 1)
 Max Grav All reactions 250 lb or less at joint(s) 2, 24, 2 except 21=2914(LC 1), 15=1158(LC 1), 25=466(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-4=-175/535, 4-6=-279/1545, 6-7=0/424, 7-8=-501/229, 8-9=-898/284, 9-10=-894/282, 10-11=-2243/512, 11-13=-2451/750, 13-14=-2478/619, 14-15=-1125/343
 BOT CHORD 2-25=-403/185, 24-25=-403/185, 22-24=-762/274, 21-22=-762/274, 20-21=-1114/384, 19-20=-427/254, 18-19=-100/413, 17-18=-194/1547, 16-17=-449/2328
 WEBS 4-21=-731/203, 6-21=-2356/495, 6-20=-328/1754, 7-20=-1405/275, 7-19=-150/1083, 8-19=-980/175, 8-18=-223/1058, 9-18=-304/156, 10-18=-1040/245, 10-17=-301/1659, 11-17=-297/261, 13-16=-378/256, 14-16=-432/2007, 4-24=-154/711

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 1-6-0 to 3-3-3, Zone1 3-3-3 to 21-1-14, Zone2 21-1-14 to 27-10-12, Zone1 27-10-12 to 30-2-13, Zone2 30-2-13 to 36-11-11, Zone1 36-11-11 to 47-5-4 zone; end vertical right exposed; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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.
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Bearing at joint(s) 15 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify compatibility of bearing surface.

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 Date:

January 2, 2026

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|----------------|---------------|---------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T09G | Truss Type GABLE | Qty 1 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680940 |
|----------------|---------------|---------------------|----------|----------|---|-----------|

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8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:41 2025 Page 2
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NOTES-

- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 2 except (jt=lb) 21=587, 15=307, 25=200, 24=769.
- 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

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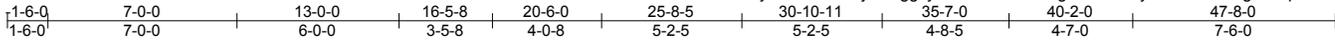
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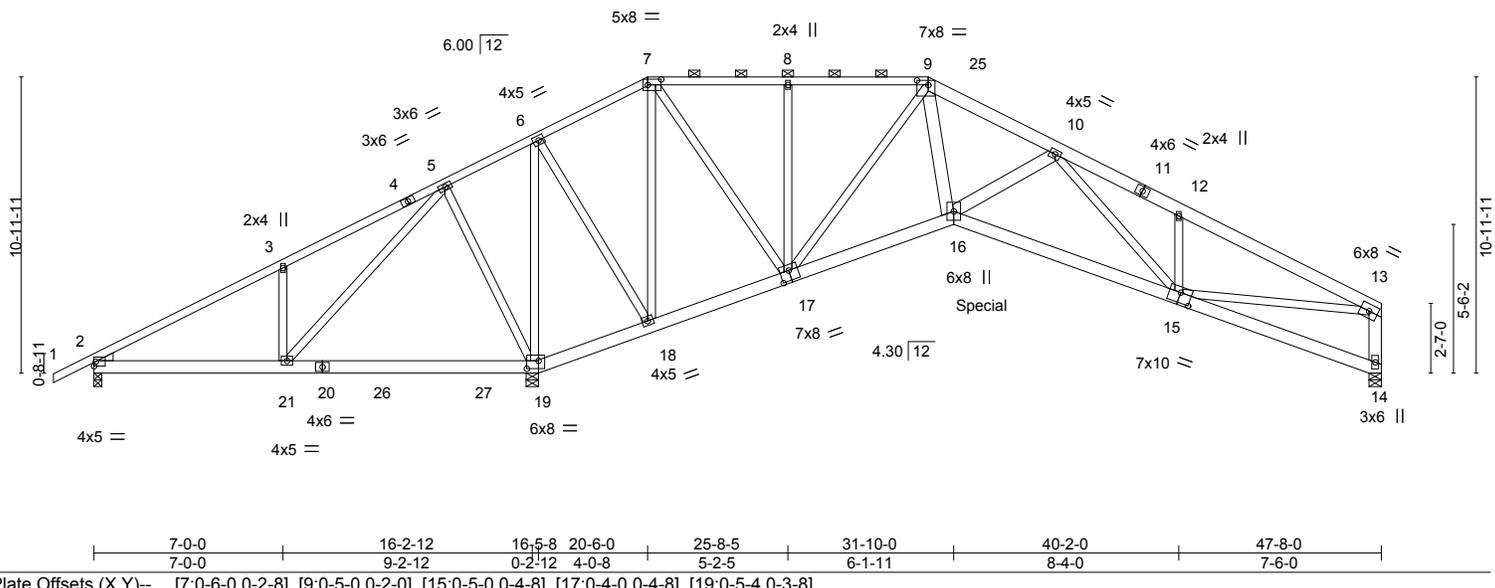
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|----------------|--------------|-------------------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T10 | Truss Type Piggyback Base Girder | Qty 4 | Ply 2 | MILLIKEN RES. Job Reference (optional) | T39680941 |
|----------------|--------------|-------------------------------------|----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:42 2025 Page 1
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|---------------|----------------------|-------|-----------|----------|-------------|--------|-----|----------------|----------|
| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.73 | Vert(LL) | -0.11 15-16 | >999 | 240 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.44 | Vert(CT) | -0.23 15-16 | >999 | 180 | | |
| BCLL 0.0 * | Rep Stress Incr | NO | WB 0.90 | Horz(CT) | 0.15 14 | n/a | n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | | Matrix-MS | | | | | Weight: 731 lb | FT = 20% |

LUMBER-
 TOP CHORD 2x4 SP No.2 *Except*
 9-11,11-13: 2x6 SP No.2
 BOT CHORD 2x6 SP No.2
 WEBS 2x4 SP No.3 *Except*
 9-16,10-16,13-14: 2x6 SP No.2
WEDGE
 Left: 2x4 SP No.3

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 5-3-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-9.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 19=0-5-8, 14=0-5-8
 Max Horz 2=200(LC 28)
 Max Uplift 2=-591(LC 22), 19=-1311(LC 5), 14=-1094(LC 4)
 Max Grav 2=171(LC 9), 19=4213(LC 2), 14=2829(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-438/1486, 3-5=-393/1467, 5-6=-692/2181, 6-7=-262/929, 7-8=-529/244,
 8-9=-524/242, 9-10=-3261/1061, 10-12=-4977/1907, 12-13=-5118/1879,
 13-14=-2854/1140
 BOT CHORD 2-21=-1293/527, 19-21=-1682/697, 18-19=-2109/822, 17-18=-844/464, 16-17=-653/2252,
 15-16=-1263/3958, 14-15=-158/415
 WEBS 3-21=-431/279, 5-21=-413/1075, 5-19=-607/291, 6-19=-2773/823, 6-18=-679/2319,
 7-18=-2332/746, 7-17=-678/2119, 8-17=-358/179, 9-17=-2743/891, 9-16=-1041/3324,
 10-16=-1284/644, 10-15=-569/1098, 12-15=-1520/746, 13-15=-1331/3866

- NOTES-**
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
 Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
 Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical right exposed; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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January 2,2026

Continued on page 2

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|----------------|--------------|-------------------------------------|----------|-----------------|---|-----------|
| Job 5164921 | Truss T10 | Truss Type Piggyback Base Girder | Qty 4 | Ply 2 | MILLIKEN RES. Job Reference (optional) | T39680941 |
|----------------|--------------|-------------------------------------|----------|-----------------|---|-----------|

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8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:42 2025 Page 2
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NOTES-

- 9) Bearing at joint(s) 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=591, 19=1311, 14=1094.
- 11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 351 lb down and 140 lb up at 31-10-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
- Uniform Loads (plf)
 - Vert: 1-7=-60, 7-9=-60, 9-25=-60, 19-22=-20, 16-19=-20, 14-16=-20
- Concentrated Loads (lb)
 - Vert: 16=-351(F)
- Trapezoidal Loads (plf)
 - Vert: 25=-160-to-13=-280

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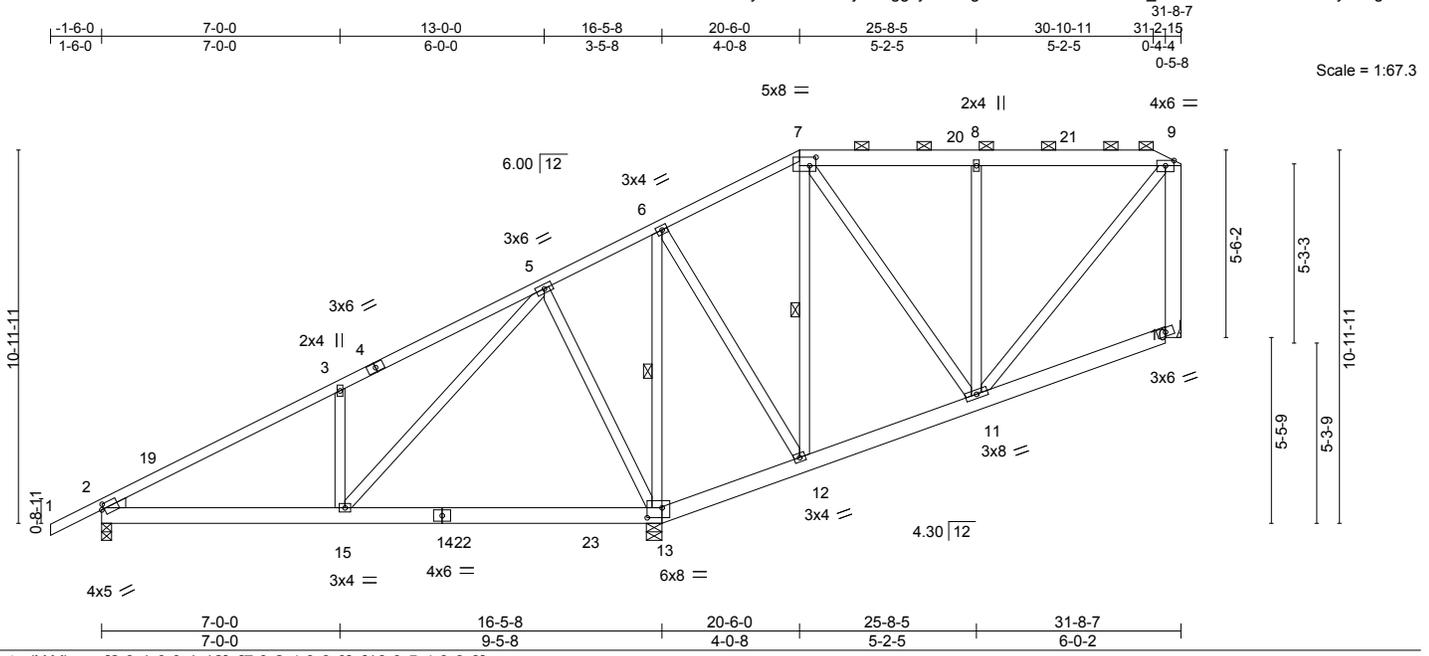
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|----------------|--------------|------------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T11 | Truss Type Piggyback Base | Qty 2 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680942 |
|----------------|--------------|------------------------------|----------|----------|---|-----------|

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| | |
|-----------------------|---|
| Plate Offsets (X,Y)-- | [2:0-1-0,0-1-12], [7:0-2-4,0-3-0], [13:0-5-4,0-3-8] |
|-----------------------|---|

| LOADING (psf) | SPACING- | CSi. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP |
|---------------|----------------------|-----------|----------|-------------|--------|-----|----------------|----------|
| TCLL 20.0 | Plate Grip DOL 1.25 | TC 0.45 | Vert(LL) | -0.10 13-15 | >999 | 240 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL 1.25 | BC 0.37 | Vert(CT) | -0.16 13-15 | >999 | 180 | | |
| BCLL 0.0 * | Rep Stress Incr YES | WB 0.71 | Horz(CT) | -0.01 2 | n/a | n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | Matrix-MS | | | | | Weight: 252 lb | FT = 20% |

| LUMBER- | BRACING- |
|--|---|
| TOP CHORD 2x4 SP No.2 *Except* 7-9: 2x6 SP No.2 | TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-9. |
| BOT CHORD 2x6 SP No.2 | BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. |
| WEBS 2x4 SP No.3 *Except* 9-10: 2x6 SP No.2 | WEBS 1 Row at midpt 6-13, 7-12 |

WEDGE
Left: 2x4 SP No.3

REACTIONS. (size) 2=0-3-8, 13=0-5-8, 10=Mechanical
 Max Horz 2=419(LC 12)
 Max Uplift 2=-149(LC 9), 13=-466(LC 9), 10=-157(LC 9)
 Max Grav 2=641(LC 2), 13=1692(LC 2), 10=507(LC 26)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-744/181, 3-5=-737/280, 5-6=-142/323, 7-8=-255/81, 8-9=-253/80, 9-10=-444/168
 BOT CHORD 2-15=-388/595, 12-13=-330/64
 WEBS 3-15=-399/273, 5-15=-454/917, 5-13=-558/281, 6-13=-803/208, 6-12=-117/570,
 7-12=-475/161, 7-11=-94/342, 8-11=-384/195, 9-11=-118/374

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-6-0 to 1-8-1, Zone1 1-8-1 to 20-6-0, Zone2 20-6-0 to 24-11-13, Zone1 24-11-13 to 31-5-11 zone; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 4) Provide adequate drainage to prevent water ponding.
 - 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 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 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) except (jt=lb) 2=149, 13=466, 10=157.
 - 9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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 Date:

January 2, 2026

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|----------------|--------------|-------------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T12 | Truss Type Half Hip Girder | Qty 2 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680943 |
|----------------|--------------|-------------------------------|----------|----------|---|-----------|

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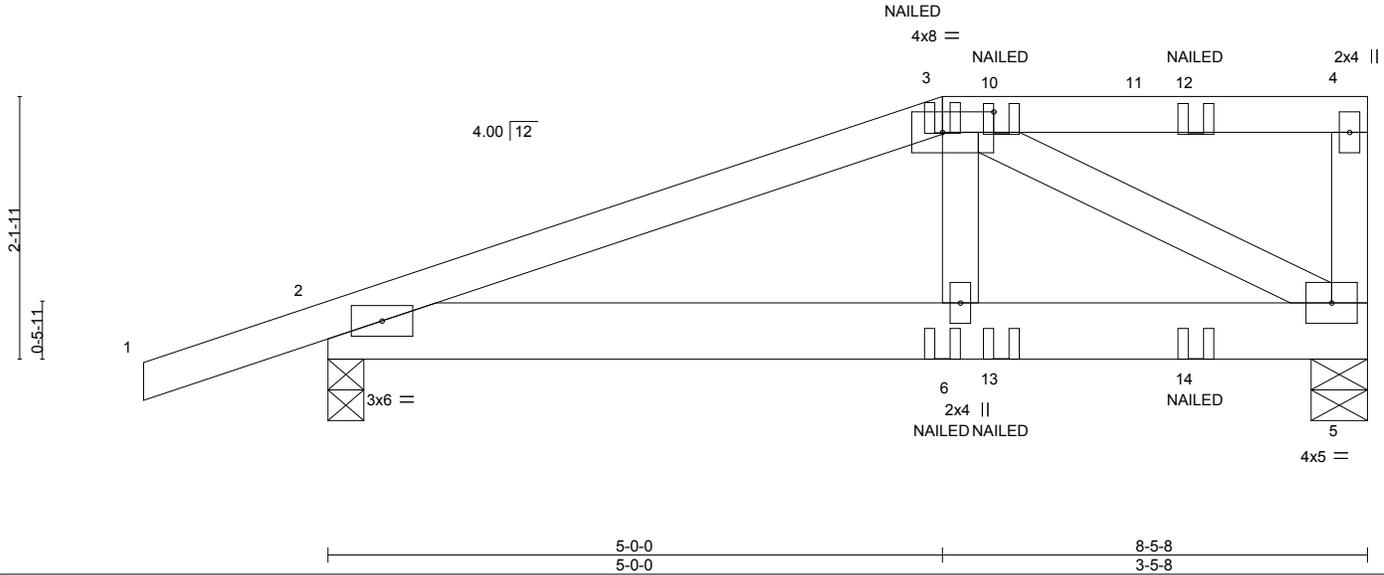


Plate Offsets (X,Y)-- [3:0-5-0,0-2-0]

| | | | | | | | | | |
|----------------------|-----------------|-----------------|-------------|--------------|----------|--------|------|---------------|-------------|
| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.25 | Vert(LL) | 0.02 | 6-9 | >999 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.22 | Vert(CT) | -0.03 | 6-9 | >999 | | |
| BCLL 0.0 * | Rep Stress Incr | NO | WB 0.21 | Horz(CT) | 0.01 | 5 | n/a | | |
| BCDL 10.0 | Code | FBC2023/TPI2014 | Matrix-MS | | | | | | |
| | | | | | | | | Weight: 44 lb | FT = 20% |

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 5=0-5-8
Max Horz 2=90(LC 4)
Max Uplift 2=-302(LC 4), 5=-324(LC 4)
Max Grav 2=531(LC 1), 5=559(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-759/396
BOT CHORD 2-6=-397/682, 5-6=-407/699
WEBS 3-6=-126/321, 3-5=-745/434

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=302, 5=324.
 - "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidelines.
 - In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-60, 3-4=-60, 5-7=-20
Concentrated Loads (lb)
Vert: 6=-68(B) 3=-60(B) 10=-66(B) 12=-66(B) 13=-38(B) 14=-38(B)

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Date:

January 2, 2026

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 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 and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcsccomponents.com)

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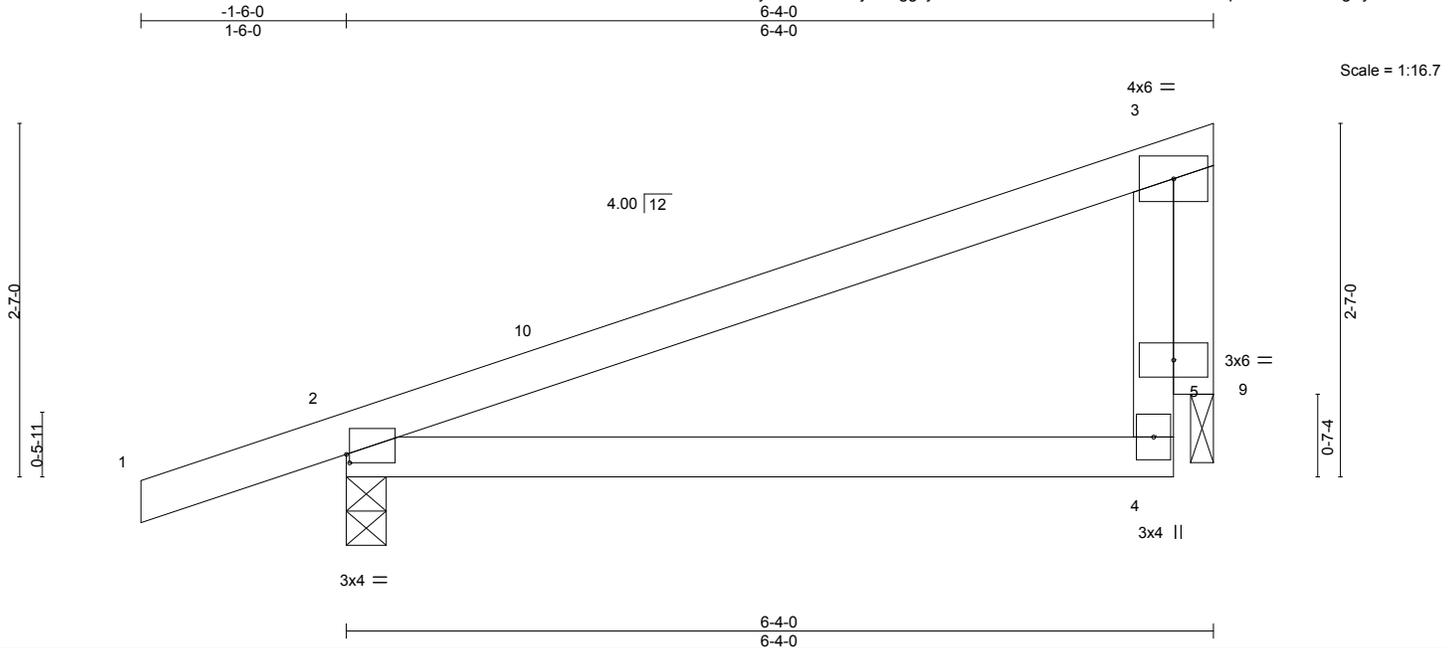
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

| | | | | | | |
|----------------|--------------|--------------------------|-----------|----------|---|-----------|
| Job 5164921 | Truss T13 | Truss Type MONO TRUSS | Qty 16 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680944 |
|----------------|--------------|--------------------------|-----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:44 2025 Page 1

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| | | | | | |
|-----------------------|-----------------------|-------------|---------------------------------|---------------|-------------|
| Plate Offsets (X,Y)-- | [2:0-0-4,0-0-12] | | | | |
| LOADING (psf) | SPACING- 2-0-0 | CSI. | DEFL. in (loc) l/def L/d | PLATES | GRIP |
| TCLL 20.0 | Plate Grip DOL 1.25 | TC 0.44 | Vert(LL) 0.04 4-8 >999 240 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL 1.25 | BC 0.26 | Vert(CT) -0.05 4-8 >999 180 | | |
| BCLL 0.0 * | Rep Stress Incr YES | WB 0.34 | Horz(CT) 0.00 2 n/a n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | Matrix-MR | | Weight: 27 lb | FT = 20% |

| | |
|-----------------------|---|
| LUMBER- | BRACING- |
| TOP CHORD 2x4 SP No.2 | TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. |
| BOT CHORD 2x4 SP No.2 | BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. |
| WEBS 2x4 SP No.3 | |
| OTHERS 2x4 SP No.3 | |

REACTIONS. (size) 2=0-3-8, 9=0-2-0
 Max Horz 2=102(LC 8)
 Max Uplift 2=191(LC 8), 9=124(LC 8)
 Max Grav 2=350(LC 1), 9=212(LC 1)

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

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-6-0 to 1-6-0, Zone1 1-6-0 to 5-10-12 zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 6) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 7) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=191, 9=124.

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2, 2026

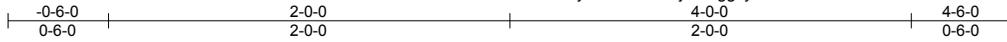
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| <p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.</p> <p>Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for 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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcsccomponents.com)</p> |  <p>16023 Swingley Ridge Rd. Chesterfield, MO 63017 314.434.1200 / MiTek-US.com</p> |
|--|--|

| | | | | | | |
|----------------|--------------|------------------------|-----------|----------|---|-----------|
| Job 5164921 | Truss T14 | Truss Type KINGPOST | Qty 18 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680945 |
|----------------|--------------|------------------------|-----------|----------|---|-----------|

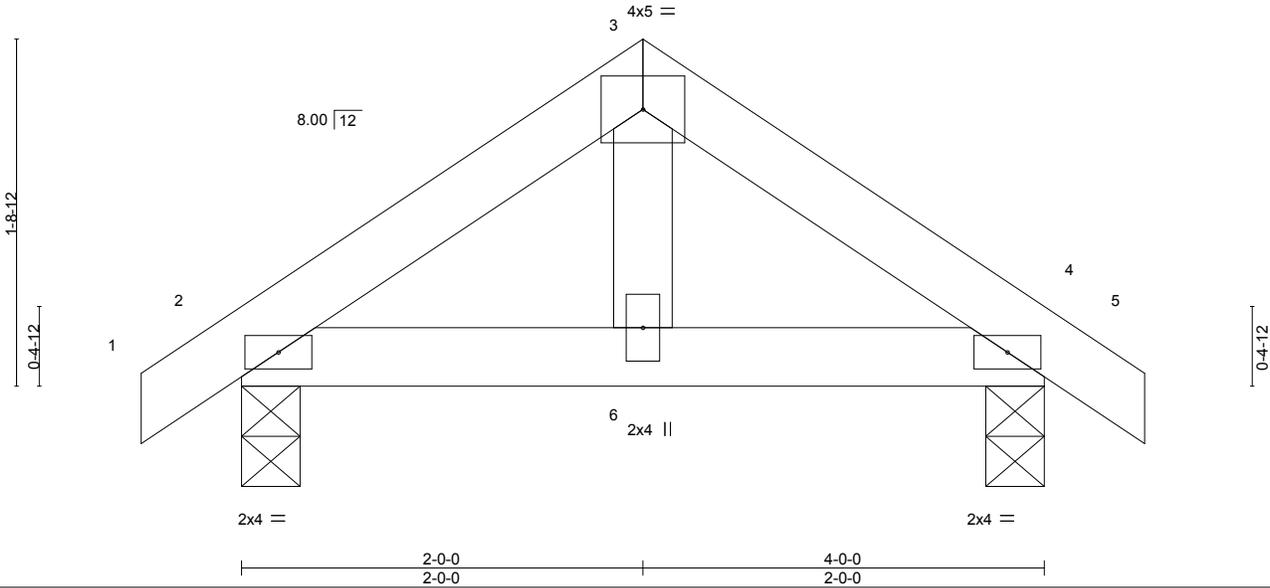
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8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:44 2025 Page 1

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Scale = 1:11.4



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|----------------------|----------------------|-------|-------------|--------------|----------|--------|------|---------------|-------------|
| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.06 | Vert(LL) | -0.00 | 6 | >999 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.05 | Vert(CT) | -0.00 | 6 | >999 | | |
| BCLL 0.0 * | Rep Stress Incr | YES | WB 0.03 | Horz(CT) | 0.00 | 4 | n/a | | |
| BCDL 10.0 | Code FBC2023/TPJ2014 | | Matrix-MP | | | | | | |
| | | | | | | | | Weight: 17 lb | FT = 20% |

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 4=0-3-8
Max Horz 2=41(LC 11)
Max Uplift 2=-49(LC 12), 4=-49(LC 13)
Max Grav 2=190(LC 1), 4=190(LC 1)

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

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

January 2,2026

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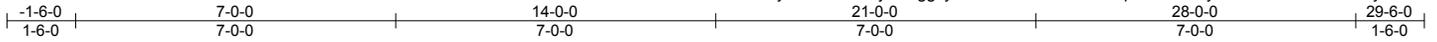
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|----------------|--------------|----------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T15 | Truss Type Common | Qty 1 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680946 |
|----------------|--------------|----------------------|----------|----------|---|-----------|

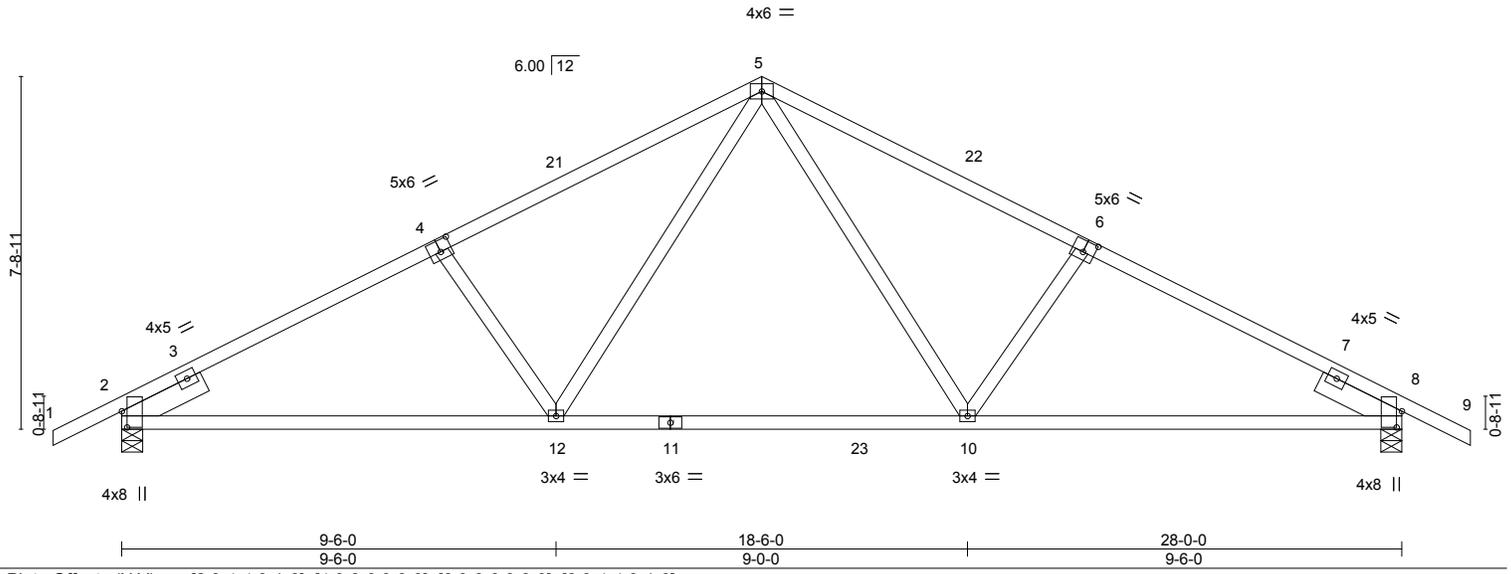
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8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:45 2025 Page 1

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Scale = 1:50.2



| | |
|-----------------------|--|
| Plate Offsets (X,Y)-- | [2:0-4-4,0-1-6], [4:0-3-0,0-3-0], [6:0-3-0,0-3-0], [8:0-4-4,0-1-6] |
|-----------------------|--|

| LOADING (psf) | SPACING- | CS.I. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP |
|---------------|----------------------|-----------|----------------|----------|--------|-----|----------------|----------|
| TCLL 20.0 | Plate Grip DOL 1.25 | TC 0.76 | Vert(LL) -0.29 | 10-12 | >999 | 240 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL 1.25 | BC 0.88 | Vert(CT) -0.45 | 10-12 | >743 | 180 | | |
| BCLL 0.0 * | Rep Stress Incr YES | WB 0.28 | Horz(CT) 0.07 | 8 | n/a | n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | Matrix-MS | | | | | Weight: 141 lb | FT = 20% |

| LUMBER- | BRACING- |
|--|---|
| TOP CHORD 2x4 SP No.2 | TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins. |
| BOT CHORD 2x4 SP No.2 | BOT CHORD Rigid ceiling directly applied or 9-2-11 oc bracing. |
| WEBS 2x4 SP No.3 | |
| SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8 | |

REACTIONS. (size) 2=0-5-8, 8=0-5-8
 Max Horz 2=129(LC 16)
 Max Uplift 2=-302(LC 12), 8=-302(LC 13)
 Max Grav 2=1296(LC 2), 8=1296(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-4=-1933/430, 4-5=-1775/424, 5-6=-1776/424, 6-8=-1933/430
 BOT CHORD 2-12=-408/1677, 10-12=-166/1160, 8-10=-279/1677
 WEBS 5-10=-190/706, 6-10=-376/259, 5-12=-190/705, 4-12=-376/259

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 1-6-0 to 1-6-0, Zone1 1-6-0 to 14-0-0, Zone2 14-0-0 to 18-2-15, Zone1 18-2-15 to 29-6-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=302, 8=302.

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Philip J. O'Regan PE No.58126
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 Date:

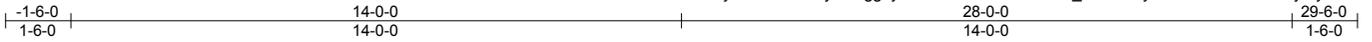
January 2, 2026

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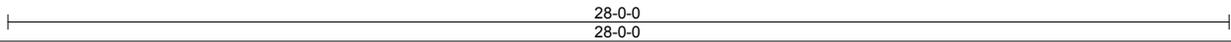
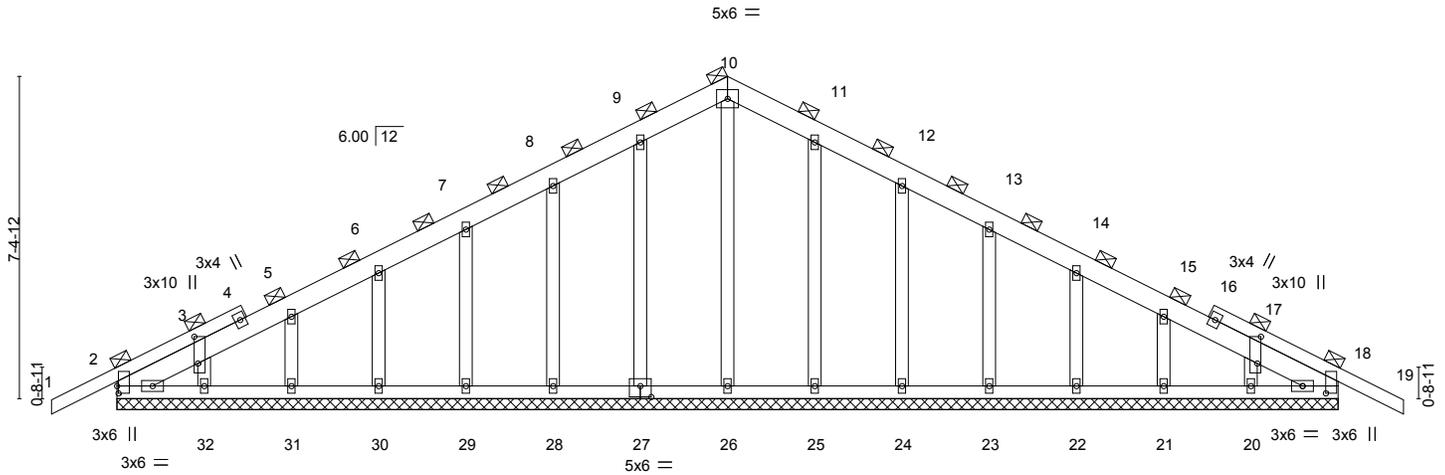
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|----------------|---------------|--------------------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T15G | Truss Type Common Supported Gable | Qty 1 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680947 |
|----------------|---------------|--------------------------------------|----------|----------|---|-----------|

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Scale = 1:52.6



| | |
|------------------------|--|
| Plate Offsets (X, Y)-- | [2:0-2-0,0-0-6], [3:0-7-6,0-1-0], [17:0-7-6,0-1-0], [18:0-2-0,0-6-6], [27:0-3-0,0-3-0] |
|------------------------|--|

| LOADING (psf) | SPACING- | CSi. | DEFL. | PLATES | GRIP |
|---------------|----------------------|----------|---------------------------|----------------|----------|
| TCLL 20.0 | 2-0-0 | TC 0.14 | in (loc) l/defl L/d | MT20 | 244/190 |
| TCDL 10.0 | Plate Grip DOL 1.25 | BC 0.03 | Vert(LL) -0.00 19 n/r 120 | | |
| BCLL 0.0 * | Lumber DOL 1.25 | WB 0.12 | Vert(CT) -0.01 19 n/r 120 | | |
| BCDL 10.0 | Rep Stress Incr YES | Matrix-S | Horz(CT) 0.00 18 n/a n/a | | |
| | Code FBC2023/TPI2014 | | | Weight: 196 lb | FT = 20% |

| LUMBER- | BRACING- |
|--------------------------------|--|
| TOP CHORD 2x6 SP No.2 *Except* | TOP CHORD 2-0-0 oc purlins (6-0-0 max.). |
| 1-4,16-19: 2x4 SP No.2 | BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. |
| BOT CHORD 2x4 SP No.2 | |
| OTHERS 2x4 SP No.3 | |

REACTIONS. All bearings 28-0-0.
 (lb) - Max Horz 2=122(LC 16)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 18, 27, 28, 29, 30, 31, 32, 25, 24, 23, 22, 21, 20
 Max Grav All reactions 250 lb or less at joint(s) 2, 18, 26, 27, 28, 29, 30, 31, 32, 25, 24, 23, 22, 21, 20

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

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 5) All plates are 2x4 MT20 unless otherwise indicated.
 - 6) Gable requires continuous bottom chord bearing.
 - 7) Gable studs spaced at 2-0-0 oc.
 - 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 18, 27, 28, 29, 30, 31, 32, 25, 24, 23, 22, 21, 20.
 - 11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

January 2, 2026

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|--|--|

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|----------------|--------------|----------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T16 | Truss Type Common | Qty 2 | Ply 1 | MILLIKEN RES. Job Reference (optional) | T39680948 |
|----------------|--------------|----------------------|----------|----------|---|-----------|

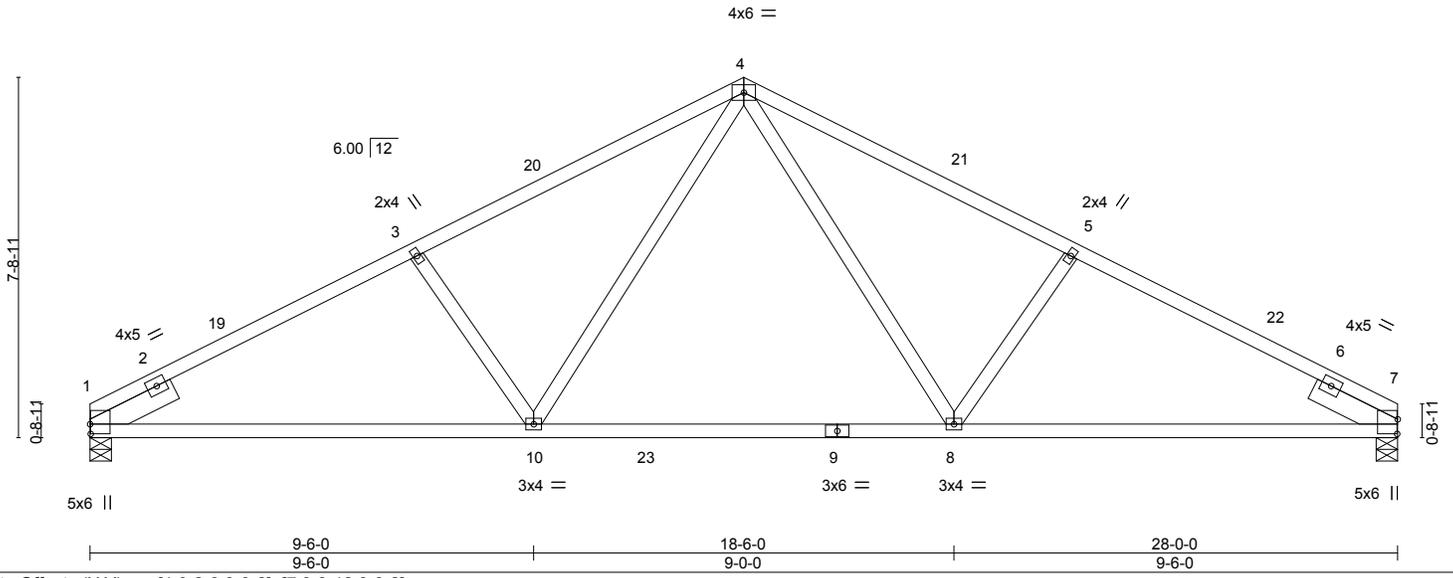
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Scale = 1:49.1



| | |
|-----------------------|-----------------------------------|
| Plate Offsets (X,Y)-- | [1:0-2-8,0-0-2], [7:0-3-12,0-0-2] |
|-----------------------|-----------------------------------|

| LOADING (psf) | SPACING- | CSI. | DEFL. | PLATES | GRIP |
|---------------|----------------------|-----------|------------------------------|----------------|----------|
| TCLL 20.0 | 2-0-0 | TC 0.72 | in (loc) l/defl L/d | MT20 | 244/190 |
| TCDL 10.0 | Plate Grip DOL 1.25 | BC 0.88 | Vert(LL) -0.28 8-10 >999 240 | | |
| BCLL 0.0 * | Lumber DOL 1.25 | WB 0.28 | Vert(CT) -0.44 8-10 >767 180 | | |
| BCDL 10.0 | Rep Stress Incr YES | Matrix-MS | Horz(CT) 0.06 7 n/a n/a | | |
| | Code FBC2023/TPI2014 | | | Weight: 136 lb | FT = 20% |

| LUMBER- | BRACING- |
|--|---|
| TOP CHORD 2x4 SP No.2 | TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins. |
| BOT CHORD 2x4 SP No.2 | BOT CHORD Rigid ceiling directly applied or 8-11-14 oc bracing. |
| WEBS 2x4 SP No.3 | |
| SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8 | |

REACTIONS. (size) 1=0-5-8, 7=0-5-8
 Max Horz 1=-117(LC 17)
 Max Uplift 1=-264(LC 12), 7=-264(LC 13)
 Max Grav 1=1221(LC 2), 7=1221(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-3=-1948/436, 3-4=-1791/430, 4-5=-1790/430, 5-7=-1948/436
 BOT CHORD 1-10=-427/1693, 8-10=-180/1168, 7-8=-310/1692
 WEBS 4-8=-195/715, 5-8=-384/262, 4-10=-195/716, 3-10=-384/262

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 0-0-0 to 3-0-0, Zone1 3-0-0 to 14-0-0, Zone2 14-0-0 to 18-2-15, Zone1 18-2-15 to 28-0-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=264, 7=264.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
 MiTek Inc. DBA MiTek USA FL Cert 6634
 16023 Swingley Ridge Rd. Chesterfield, MO 63017
 Date:

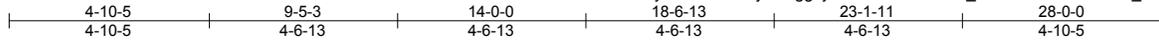
January 2, 2026

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|--|--|
| <p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.</p> <p>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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcsccomponents.com)</p> |  <p>16023 Swingley Ridge Rd. Chesterfield, MO 63017 314.434.1200 / MiTek-US.com</p> |
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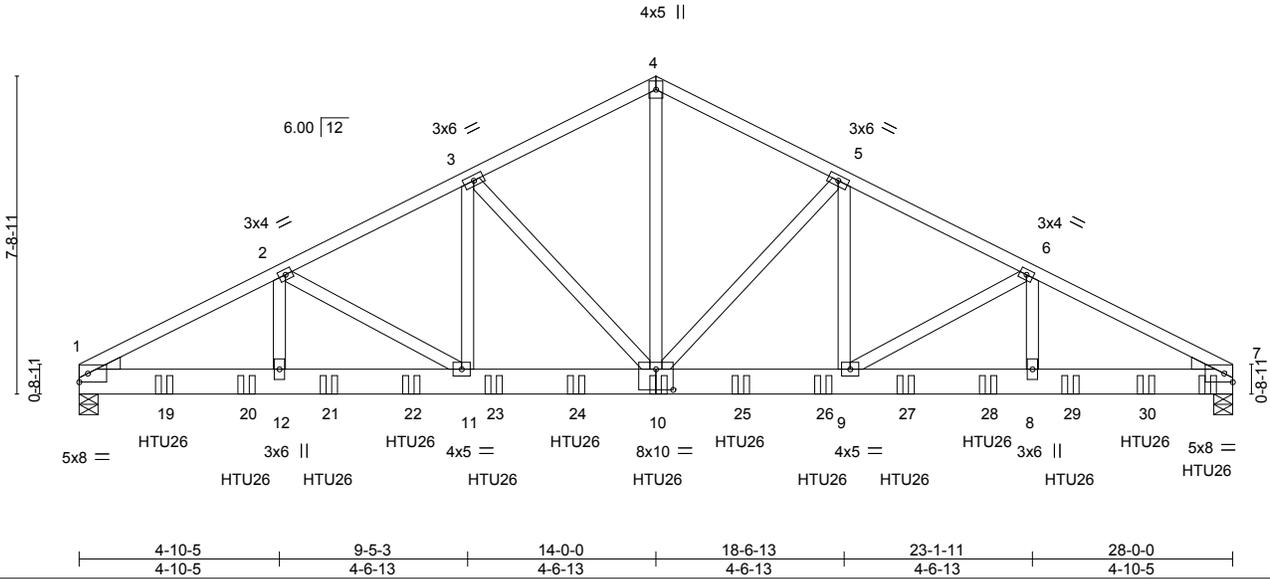
| | | | | | | |
|----------------|--------------|-----------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss T17 | Truss Type Common Girder | Qty 1 | Ply 2 | MILLIKEN RES. Job Reference (optional) | T39680949 |
|----------------|--------------|-----------------------------|----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:48 2025 Page 1

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Scale = 1:55.7



| | | | | | | | | | |
|-----------------------|----------------------|-------|-------------|--------------|----------|--------|------|----------------|-------------|
| Plate Offsets (X,Y)-- | [10:0-5-0,0-6-0] | | | | | | | | |
| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.29 | Vert(LL) | -0.13 | 9-10 | >999 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.21 | Vert(CT) | -0.21 | 9-10 | >999 | | |
| BCLL 0.0 * | Rep Stress Incr | NO | WB 0.67 | Horz(CT) | 0.04 | 7 | n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | | Matrix-MS | | | | | Weight: 397 lb | FT = 20% |

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3 , Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-5-8, 7=0-5-8
Max Horz 1=-117(LC 37)
Max Uplift 1=-1230(LC 8), 7=-1391(LC 9)
Max Grav 1=3639(LC 1), 7=3999(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-6291/2124, 2-3=-5521/1876, 3-4=-4281/1492, 4-5=-4281/1492, 5-6=-5534/1880, 6-7=-6372/2156
BOT CHORD 1-12=-1955/5562, 11-12=-1955/5562, 10-11=-1652/4889, 9-10=-1555/4900, 8-9=-1867/5635, 7-8=-1867/5635
WEBS 4-10=-1225/3509, 5-10=-1681/675, 5-9=-528/1506, 6-9=-882/381, 6-8=-222/620, 3-10=-1665/669, 3-11=-522/1488, 2-11=-809/352, 2-12=-194/557

- NOTES-**
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=1230, 7=1391.
 - Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss) or equivalent spaced at 2-0-0 oc max. starting at 2-0-12 from the left end to 25-10-12 to connect truss(es) to front face of bottom chord.
 - Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss) or equivalent at 27-4-12 from the left end to connect truss(es) to front face of bottom chord, skewed 0.0 deg.to the left, sloping 0.0 deg. down.

This item has been digitally signed and sealed by O'Regan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

January 2, 2026

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| | | | | | | |
|----------------|--------------|-----------------------------|----------|-----------------|---|-----------|
| Job 5164921 | Truss T17 | Truss Type Common Girder | Qty 1 | Ply 2 | MILLIKEN RES. Job Reference (optional) | T39680949 |
|----------------|--------------|-----------------------------|----------|-----------------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:48 2025 Page 2
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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-4=-60, 4-7=-60, 13-16=-20

Concentrated Loads (lb)

Vert: 10=-388(F) 18=-349(F) 19=-388(F) 20=-388(F) 21=-388(F) 22=-388(F) 23=-388(F) 24=-388(F) 25=-388(F) 26=-388(F) 27=-388(F) 28=-390(F) 29=-390(F)
30=-390(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

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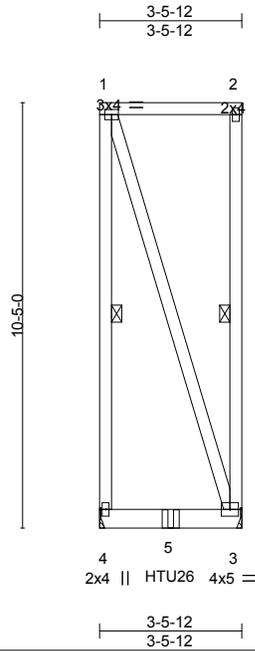
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|----------------|---------------|---------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss TG01 | Truss Type FLAT GIRDER | Qty 1 | Ply 2 | MILLIKEN RES. Job Reference (optional) | T39680950 |
|----------------|---------------|---------------------------|----------|----------|---|-----------|

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8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:48 2025 Page 1

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Scale = 1:56.1



| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/def | L/d | PLATES | GRIP |
|---------------|----------------------|-------|-----------|----------|-----------|-------|-----|----------------|----------|
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.10 | Vert(LL) | -0.01 3-4 | >999 | 240 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.41 | Vert(CT) | -0.02 3-4 | >999 | 180 | | |
| BCLL 0.0 * | Rep Stress Incr | NO | WB 0.00 | Horz(CT) | -0.00 3 | n/a | n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | | Matrix-MP | | | | | Weight: 114 lb | FT = 20% |

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 1-4, 2-3

REACTIONS. (size) 4=Mechanical, 3=Mechanical
Max Uplift 4=142(LC 4), 3=142(LC 4)
Max Grav 4=526(LC 2), 3=526(LC 2)

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

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=142, 3=142.
- Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss) or equivalent at 1-8-14 from the left end to connect truss(es) to back face of bottom chord.
- Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

- Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-60, 3-4=-20
Concentrated Loads (lb)
Vert: 5=-649(B)

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

January 2,2026

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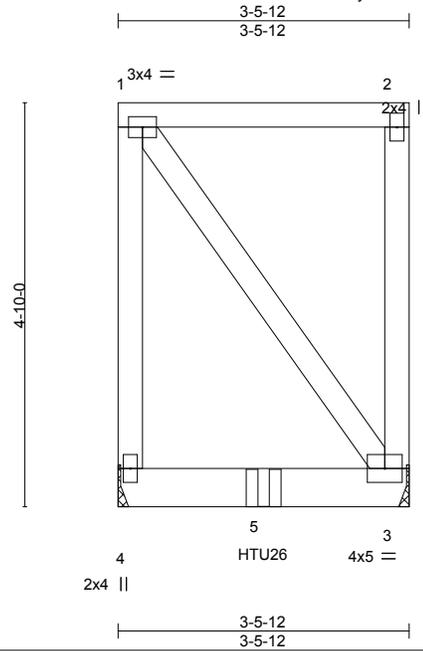
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| | | | | | | |
|----------------|---------------|---------------------------|----------|----------|---|-----------|
| Job 5164921 | Truss TG02 | Truss Type FLAT GIRDER | Qty 2 | Ply 2 | MILLIKEN RES. Job Reference (optional) | T39680951 |
|----------------|---------------|---------------------------|----------|----------|---|-----------|

Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Sep 3 2025 MiTek Industries, Inc. Wed Dec 31 10:38:49 2025 Page 1

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Scale = 1:27.4

| LOADING (psf) | SPACING- | 2-0-0 | CSI. | DEFL. | in (loc) | l/def | L/d | PLATES | GRIP |
|---------------|----------------------|-------|-----------|----------|-----------|-------|-----|---------------|----------|
| TCLL 20.0 | Plate Grip DOL | 1.25 | TC 0.10 | Vert(LL) | -0.01 3-4 | >999 | 240 | MT20 | 244/190 |
| TCDL 10.0 | Lumber DOL | 1.25 | BC 0.22 | Vert(CT) | -0.01 3-4 | >999 | 180 | | |
| BCLL 0.0 * | Rep Stress Incr | NO | WB 0.00 | Horz(CT) | 0.00 3 | n/a | n/a | | |
| BCDL 10.0 | Code FBC2023/TPI2014 | | Matrix-MP | | | | | Weight: 66 lb | FT = 20% |

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 3=Mechanical
Max Uplift 4=120(LC 4), 3=120(LC 4)
Max Grav 4=371(LC 1), 3=371(LC 1)

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

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=120, 3=120.
- Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss) or equivalent at 1-8-14 from the left end to connect truss(es) to back face of bottom chord.
- Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

- Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-60, 3-4=-20
Concentrated Loads (lb)
Vert: 5=-487(B)

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

January 2, 2026

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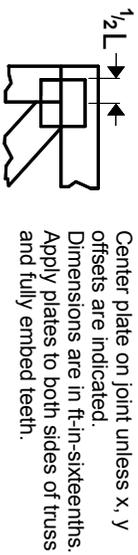
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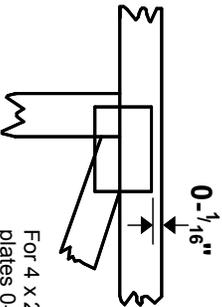
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Symbols

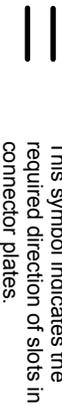
PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- $\frac{1}{16}$ \"/>



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

PLATE SIZE

4 X 4

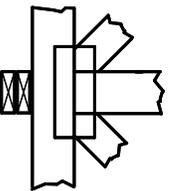
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

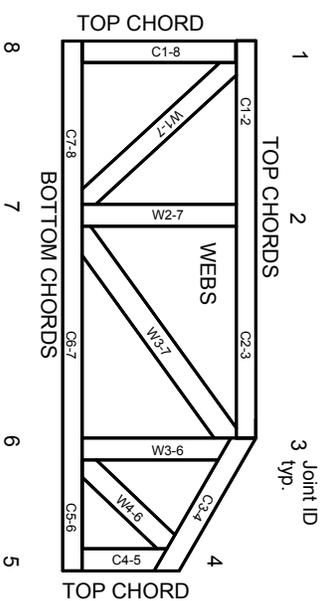


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number/letter where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TFP 1: National Design Specification for Metal Plate Connected Wood Truss Construction.
 DSB-22: Design Standard for Bracing.
 BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing, Restraining & 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-1988, ESR-2362, ESR-2685, ESR-3282
 ESR-4722, ESL-1388

Design General Notes

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

Lumber design values are in accordance with ANSI/TFP 1 section 6.3. These truss designs rely on Lumber values established by others.

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General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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



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