



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

RE: 4894020 - DAVID REYES

MiTek, Inc.

16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200

Site Information:

Customer Info: DAVID REYES Project Name: Reyes Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: 4150 SW SR 247, N/A
City: Lake City, State: FL

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

Name: License #:
Address:
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 43 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.

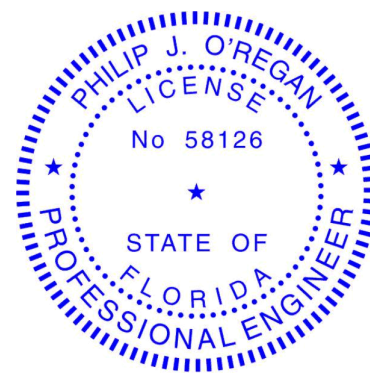
No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T40245526	CJ01	2/25/26	15	T40245540	HJ10	2/25/26
2	T40245527	CJ03	2/25/26	16	T40245541	T01	2/25/26
3	T40245528	CJ03A	2/25/26	17	T40245542	T02	2/25/26
4	T40245529	CJ05	2/25/26	18	T40245543	T03	2/25/26
5	T40245530	CJ05A	2/25/26	19	T40245544	T04	2/25/26
6	T40245531	CJ05B	2/25/26	20	T40245545	T05	2/25/26
7	T40245532	EJ01	2/25/26	21	T40245546	T06	2/25/26
8	T40245533	EJ02	2/25/26	22	T40245547	T07	2/25/26
9	T40245534	EJ03	2/25/26	23	T40245548	T08	2/25/26
10	T40245535	EJ04	2/25/26	24	T40245549	T09	2/25/26
11	T40245536	EJ05	2/25/26	25	T40245550	T10	2/25/26
12	T40245537	EJ06	2/25/26	26	T40245551	T11	2/25/26
13	T40245538	HJ06	2/25/26	27	T40245552	T12	2/25/26
14	T40245539	HJ08	2/25/26	28	T40245553	T13	2/25/26

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.

February 25, 2026

ORegan, Philip

1 of 2



RE: 4894020 - DAVID REYES

MiTek, Inc.

16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200

Site Information:

Customer Info: DAVID REYES Project Name: Reyes Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: 4150 SW SR 247, N/A
City: Lake City, State: FL

No.	Seal#	Truss Name	Date
29	T40245554	T14	2/25/26
30	T40245555	T15	2/25/26
31	T40245556	T16	2/25/26
32	T40245557	T17	2/25/26
33	T40245558	T18	2/25/26
34	T40245559	T19	2/25/26
35	T40245560	T20	2/25/26
36	T40245561	T21	2/25/26
37	T40245562	T22	2/25/26
38	T40245563	T23	2/25/26
39	T40245564	T24	2/25/26
40	T40245565	T25	2/25/26
41	T40245566	T26	2/25/26
42	T40245567	T27	2/25/26
43	T40245568	T28	2/25/26

Job	Truss	Truss Type	Qty	Ply	DAVID REYES
4894020	CJ01	Jack-Open	24	1	T40245526
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:00 2026 Page 1
ID:c5BPYmG2qMmDHUQIz6qG6kyTFsm-n0ErwUmpvL_UN8qpY2TEmQzC87tNAP6fi3cGezhvtf

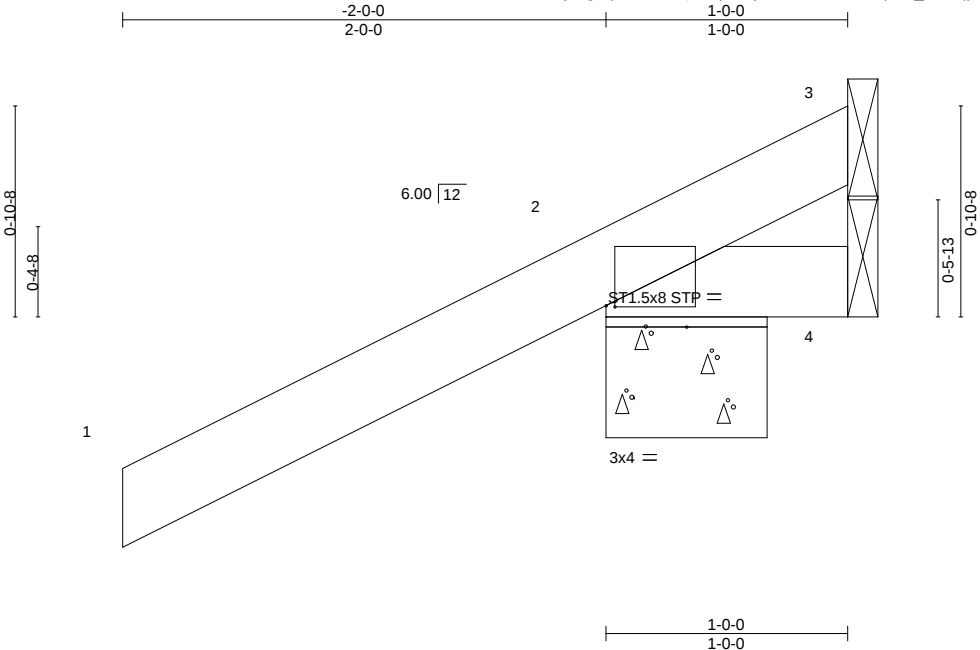


Plate Offsets (X,Y)--		[2:0-0-7,0-0-1]										
LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MP							Weight: 7 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 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(size) 3=Mechanical, 2=0-8-0, 4=Mechanical
Max Horz 2=52(LC 12)
Max Uplift 3=-30(LC 1), 2=-120(LC 12), 4=-52(LC 1)
Max Grav 3=17(LC 8), 2=281(LC 1), 4=32(LC 12)

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 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=120.

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:

February 25,2026

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)

MiTek®

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

Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245527
4894020	CJ03	Jack-Open	22	1	Job Reference (optional)	

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

8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:01 2026 Page 1

ID:c5BPyMg2qMmDHUQIz6qG6kyTFsm-FCoD8qnRg3Tr5Xj0NGaim_y8xYTA6dfGuMp9p4zhvte



Scale = 1:14.6

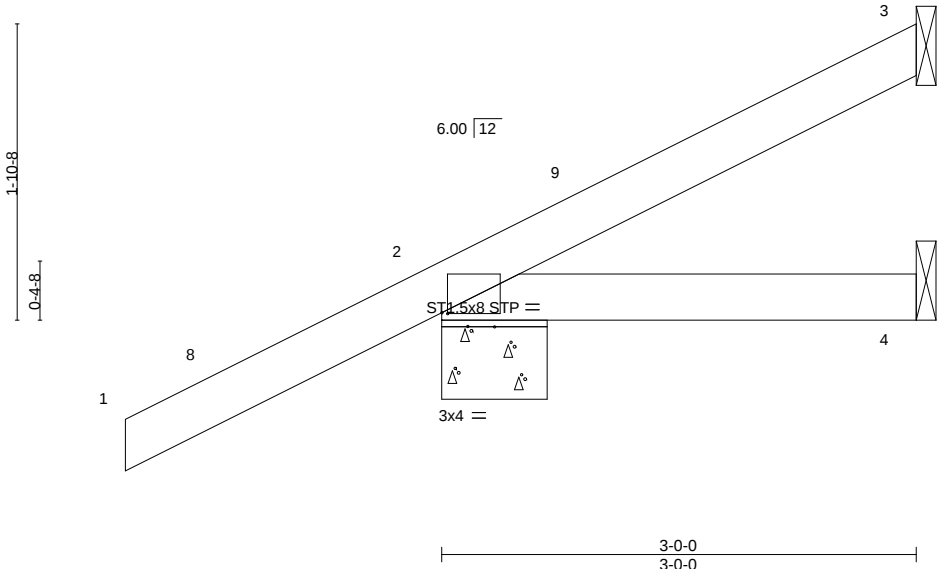


Plate Offsets (X,Y)--		[2:0-0-7,0-0-1]			
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.31	Vert(LL) -0.00 4-7 >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.25	BC 0.07	Vert(CT) -0.00 4-7 >999 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 2 n/a n/a		
BCDL 10.0	Code FBC2023/TPI2014	Matrix-MP		Weight: 13 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=0-8-0, 4=Mechanical
Max Horz 2=90(LC 12)
Max Uplift 3=-36(LC 12), 2=-91(LC 12), 4=-16(LC 9)
Max Grav 3=57(LC 1), 2=278(LC 1), 4=47(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 -2-0-0 to 1-0-0, Zone1 1-0-0 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 100 lb uplift at joint(s) 3, 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:

February 25,2026

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

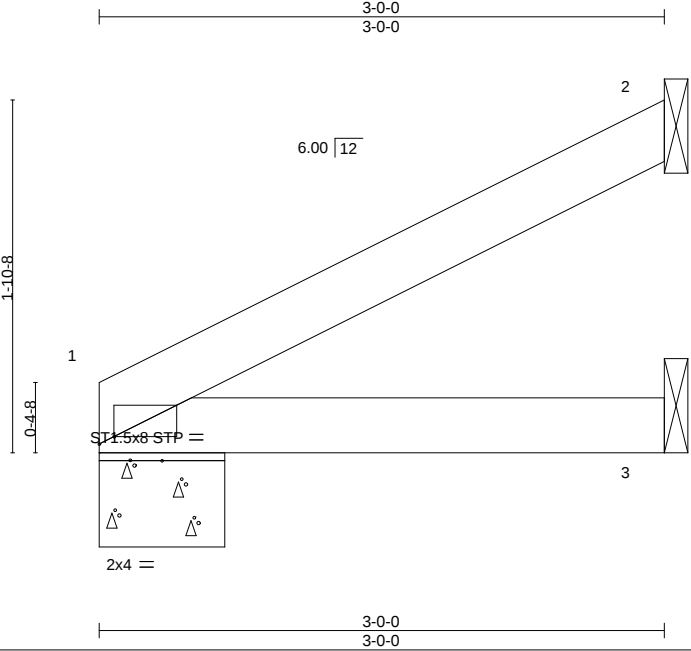
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MiTek®

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

Job	Truss	Truss Type	Qty	Ply	DAVID REYES
4894020	CJ03A	Jack-Open	2	1	T40245528
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:01 2026 Page 1
ID:c5BPYmG2qMmDHUQIz6qG6kyTFsm-FCoD8qnRg3Tr5Xj0NGaim_yB6YTn6dfGuMp9p4zhvte



Scale = 1:12.2

Plate Offsets (X,Y)--		[1:0-0-15,Edge]	
LOADING (psf)	SPACING-	2-0-0	CSI.
TCLL 20.0	Plate Grip DOL	1.25	TC 0.10
TCDL 10.0	Lumber DOL	1.25	BC 0.09
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00
BCDL 10.0	Code FBC2023/TPI2014		Matrix-MP
			DEFL.
			in (loc) l/defl L/d
			Vert(LL) 0.01 3-6 >999 240
			Vert(CT) -0.01 3-6 >999 180
			Horz(CT) 0.00 1 n/a n/a
			PLATES GRIP
			MT20 244/190
			Weight: 10 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) 1=0-8-0, 2=Mechanical, 3=Mechanical
Max Horz 1=57(LC 12)
Max Uplift 1=-20(LC 12), 2=-46(LC 12), 3=-5(LC 12)
Max Grav 1=118(LC 1), 2=76(LC 1), 3=54(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 zone;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 100 lb uplift at joint(s) 1, 2, 3.

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

February 25,2026

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MiTek®

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

Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245529
4894020	CJ05	Jack-Open	14	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:01 2026 Page 1
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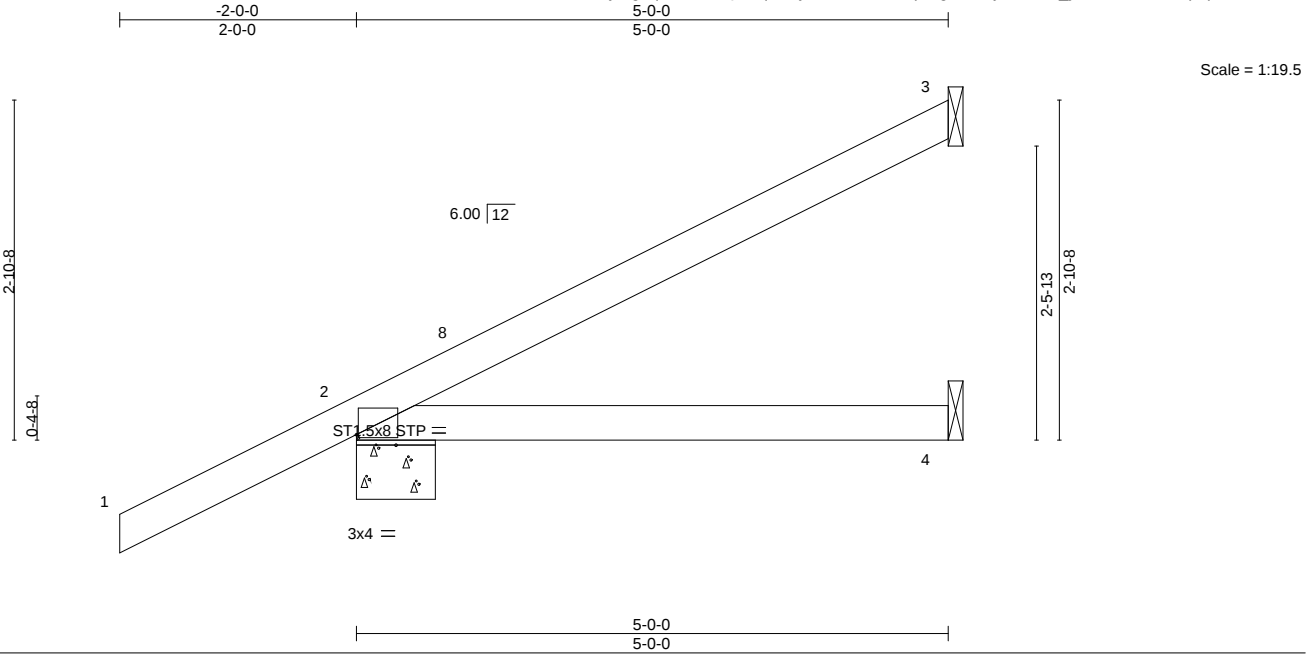


Plate Offsets (X,Y)--		[2:0-0-3,0-0-5]			
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.31	Vert(LL) 0.05 4-7 >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.25	BC 0.24	Vert(CT) -0.05 4-7 >999 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) -0.00 3 n/a n/a		
BCDL 10.0	Code FBC2023/TPI2014	Matrix-MP		Weight: 19 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.

REACTIONS. (size) 3=Mechanical, 2=0-8-0, 4=Mechanical
Max Horz 2=128(LC 12)
Max Uplift 3=-74(LC 12), 2=-97(LC 12), 4=-32(LC 9)
Max Grav 3=119(LC 1), 2=342(LC 1), 4=88(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 -2-0-0 to 1-0-0, Zone1 1-0-0 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 100 lb uplift at joint(s) 3, 2, 4.

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

February 25,2026

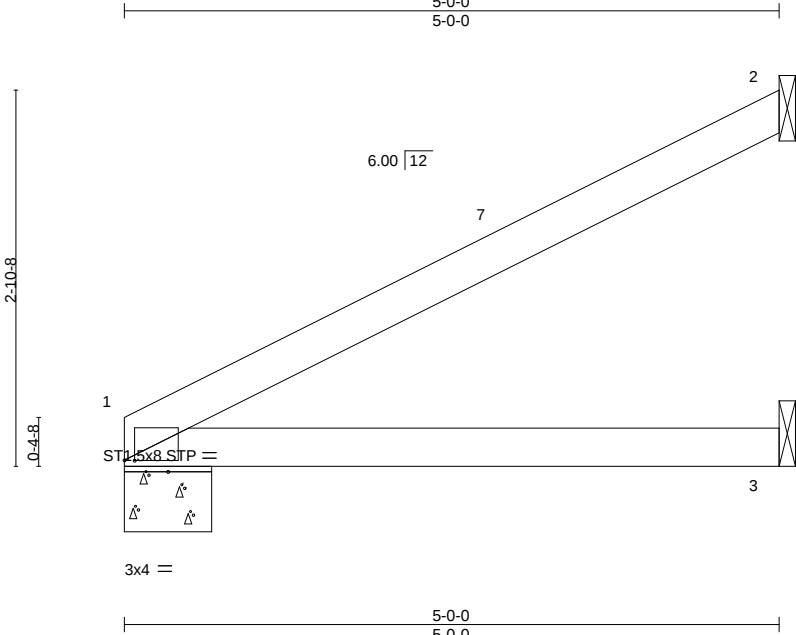
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MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	DAVID REYES
4894020	CJ05A	Jack-Open	1	1	T40245530
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:02 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-jOMbL9n4RMbhjhlCwz5xJBVIBymDr4vP70YjLWzhvtd



Scale = 1:17.6

Plate Offsets (X,Y)--		[1:0-0-15,0-0-0]	
LOADING (psf)	SPACING-	2-0-0	CSI.
TCLL 20.0	Plate Grip DOL	1.25	TC 0.34
TCDL 10.0	Lumber DOL	1.25	BC 0.27
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00
BCDL 10.0	Code	FBC2023/TPI2014	Matrix-MP
			DEFL.
			in (loc) l/defl L/d
			Vert(LL) 0.04 3-6 >999 240
			Vert(CT) -0.07 3-6 >911 180
			Horz(CT) 0.00 1 n/a n/a
			PLATES GRIP
			MT20 244/190
			Weight: 16 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.

REACTIONS. (size) 1=0-8-0, 2=Mechanical, 3=Mechanical
Max Horz 1=95(LC 12)
Max Uplift 1=-35(LC 12), 2=-80(LC 12), 3=-4(LC 12)
Max Grav 1=198(LC 1), 2=131(LC 1), 3=92(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; 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 0-0-0 to 3-0-0, Zone1 3-0-0 to 4-11-4 zone;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 100 lb uplift at joint(s) 1, 2, 3.

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:

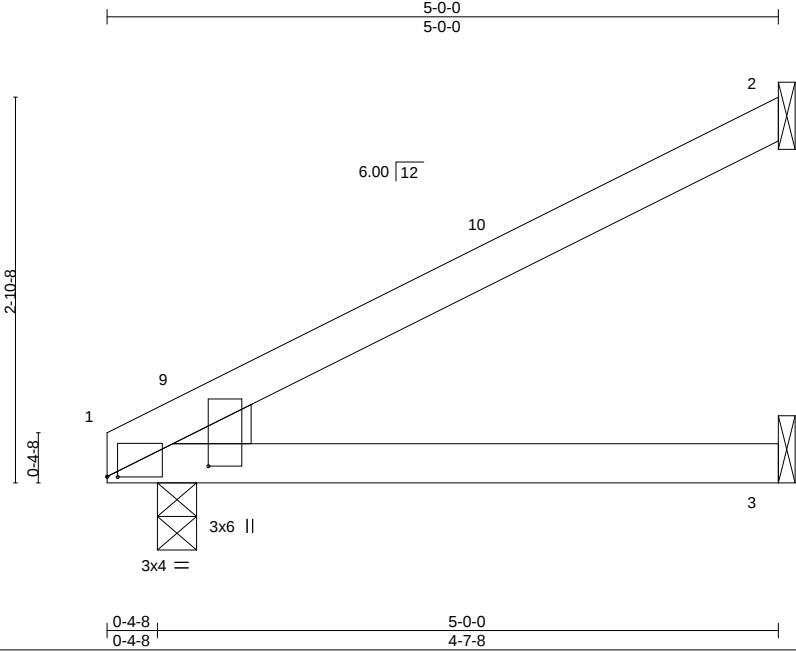
February 25,2026

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Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	DAVID REYES
4894020	CJ05B	Jack-Open	1	1	T40245531
Job Reference (optional)					

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:02 2026 Page 1
ID:c5BPYmG2qMmDHUQIz6qG6kyTFsm-jOMbL9n4RMbhjhlCwz5xJBVJFynor4vP70YjLWzhvtd



Scale = 1:17.2

Plate Offsets (X,Y)--		[1:0-0-15,0-0-1], [1:0-0-15,0-9-1]	
LOADING (psf)	SPACING-	2-0-0	CSI.
TCLL 20.0	Plate Grip DOL	1.25	TC 0.27
TCDL 10.0	Lumber DOL	1.25	BC 0.24
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00
BCDL 10.0	Code	FBC2023/TPI2014	Matrix-MP
			DEFL.
			in (loc) l/defl L/d
			Vert(LL) 0.03 3-8 >999 240
			Vert(CT) -0.05 3-8 >999 180
			Horz(CT) 0.01 2 n/a n/a
			PLATES GRIP
			MT20 244/190
			Weight: 17 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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) 2=Mechanical, 3=Mechanical, 1=0-3-8
Max Horz 1=95(LC 12)
Max Uplift 2=-74(LC 12), 3=-8(LC 12), 1=-38(LC 12)
Max Grav 2=118(LC 1), 3=84(LC 3), 1=214(LC 1)

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 0-0-0 to 3-0-0, Zone1 3-0-0 to 4-11-4 zone;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 100 lb uplift at joint(s) 2, 3, 1.

This item has been
digitally signed and
sealed by O'Regan, Philip, PE
on the date indicated here.
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Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

February 25,2026

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245532
4894020	EJ01	Jack-Partial	30	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:03 2026 Page 1
ID:c5BPYmG2qMmDHUQIz6qG6kyTFsm-BbwzYVoiCgjYLrtPUhcArP2OvM2WaX9YLglGtyzhvtc

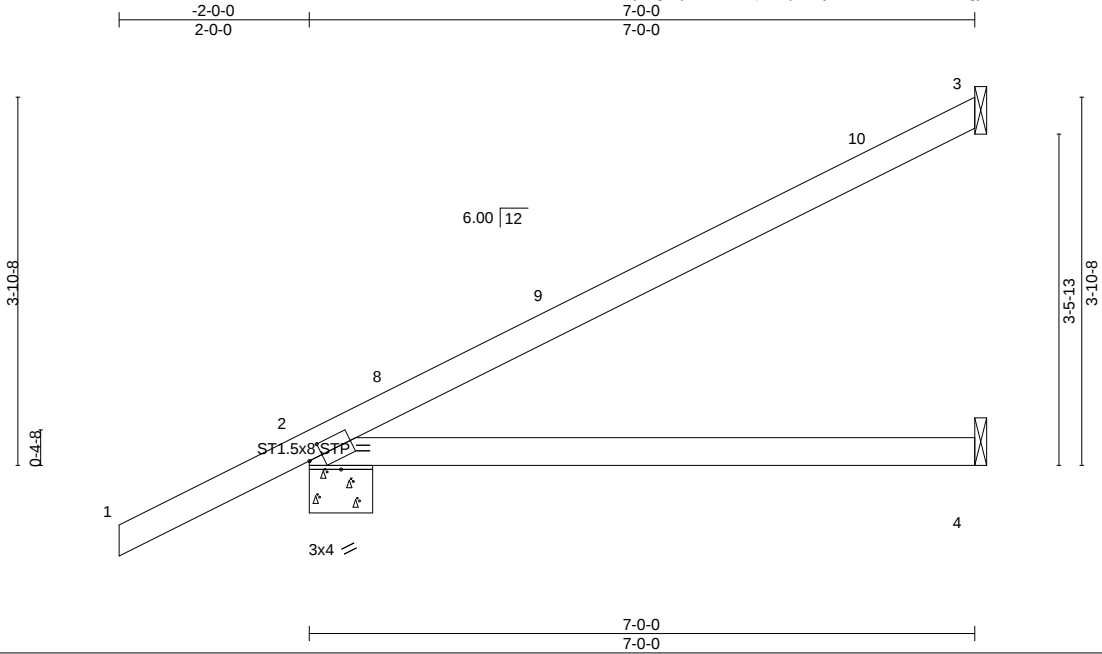


Plate Offsets (X,Y)--	[2:0-1-13,0-1-8]								
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.66	Vert(LL)	0.18 4-7	>474	240	MT20	244/190
TCDL 10.0	Lumber DOL	1.25	BC 0.52	Vert(CT)	-0.22 4-7	>374	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	0.01 2	n/a	n/a		
BCDL 10.0	Code FBC2023/TPI2014		Matrix-MS					Weight: 26 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	2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-8-0, 4=Mechanical
Max Horz 2=161(LC 12)
Max Uplift 3=-97(LC 12), 2=-110(LC 12), 4=-47(LC 9)
Max Grav 3=177(LC 1), 2=415(LC 1), 4=127(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 -2-0-0 to 1-0-0, Zone1 1-0-0 to 6-11-4 zone; porch left 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 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=110.

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

February 25,2026

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245533
4894020	EJ02	JACK-CLOSED	2	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:03 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-BbwzYVoiCgYlRtPUhcArP2UtM1HaWkYLglGtyzhvtc

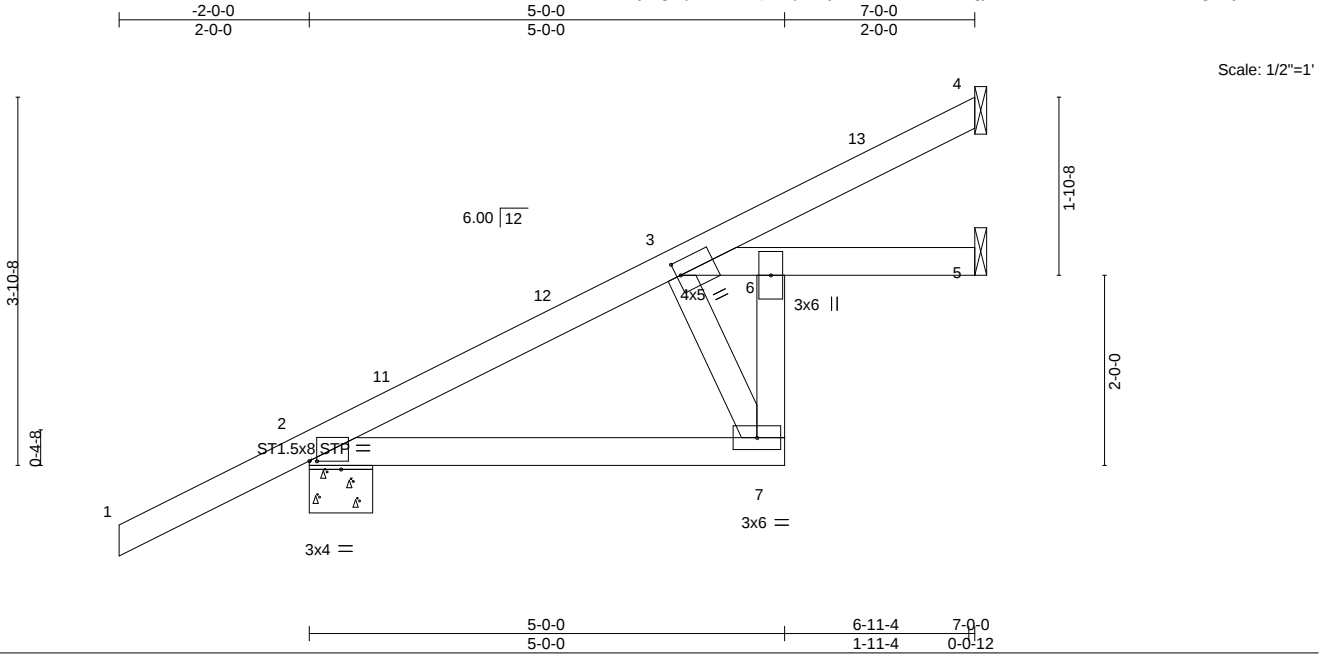


Plate Offsets (X,Y)--		[2:0-0-15,0-0-1], [3:0-0-8,0-1-12]											
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d				PLATES		GRIP	
TCLL	20.0	Plate Grip DOL 1.25		TC 0.28		Vert(LL) 0.05		7	>999	240	MT20		244/190
TCDL	10.0	Lumber DOL 1.25		BC 0.60		Vert(CT) -0.09		7	>893	180			
BCLL	0.0 *	Rep Stress Incr YES		WB 0.09		Horz(CT) 0.04		5	n/a	n/a			
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 33 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 2x4 SP No.2 *Except*	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
6-7: 2x4 SP No.3	
WEBS 2x4 SP No.3	

REACTIONS. (size) 4=Mechanical, 2=0-8-0, 5=Mechanical
Max Horz 2=161(LC 12)
Max Uplift 4=-52(LC 12), 2=-107(LC 12), 5=-41(LC 12)
Max Grav 4=117(LC 1), 2=422(LC 1), 5=162(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-9=-315/35
BOT CHORD 6-7=-257/456
WEBS 3-7=-458/297

- 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 -2-0-0 to 1-0-0, Zone1 1-0-0 to 6-11-4 zone;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 100 lb uplift at joint(s) 4, 5 except (jt=lb) 2=107.

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:

February 25,2026

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Chesterfield, MO 63017
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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245535
4894020	EJ04	Jack-Partial	5	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL),
Lake City, FL - 32055,
8.830 s Jan 22 2026 MiTek Industries, Inc.
Tue Feb 24 13:23:04 2026
Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-fnULmrpKz_rPy?Sb2O7POcaaDIP1JzPiaK1pPPzhvtb

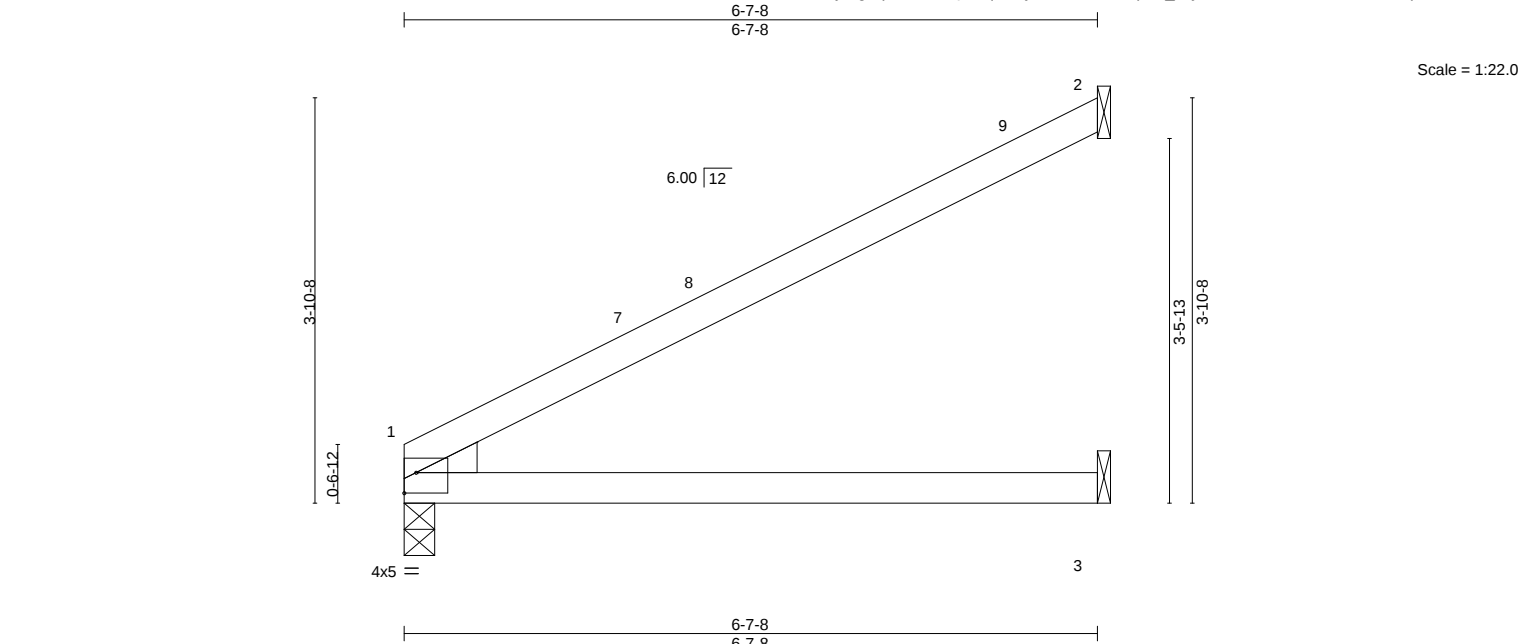


Plate Offsets (X,Y)--		[1:Edge,0-2-5]									
LOADING (psf)		SPACING-		CSI.		DEFL.				PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	0.12	3-6	>673	240	
TCDL	10.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.20	3-6	>387	180	
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.03	1	n/a	n/a	
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MP							
										Weight: 22 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 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=Mechanical, 3=Mechanical, 1=0-3-8
Max Horz 1=123(LC 12)
Max Uplift 2=-100(LC 12), 3=-8(LC 12), 1=-44(LC 12)
Max Grav 2=173(LC 1), 3=122(LC 3), 1=262(LC 1)

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 0-0-0 to 3-0-0, Zone1 3-0-0 to 6-6-12 zone;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 100 lb uplift at joint(s) 3, 1 except (jt=lb) 2=100.

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16023 Swingley Ridge Rd. Chesterfield, MO 63017
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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245536
4894020	EJ05	Jack-Partial	3	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:04 2026 Page 1
ID:c5BPYmG2qMmDHUQIz6qG6kyTFsm-fnULmrpKz_rPy?Sb2O7POcafBITFJzPiaK1pPPzhvtb

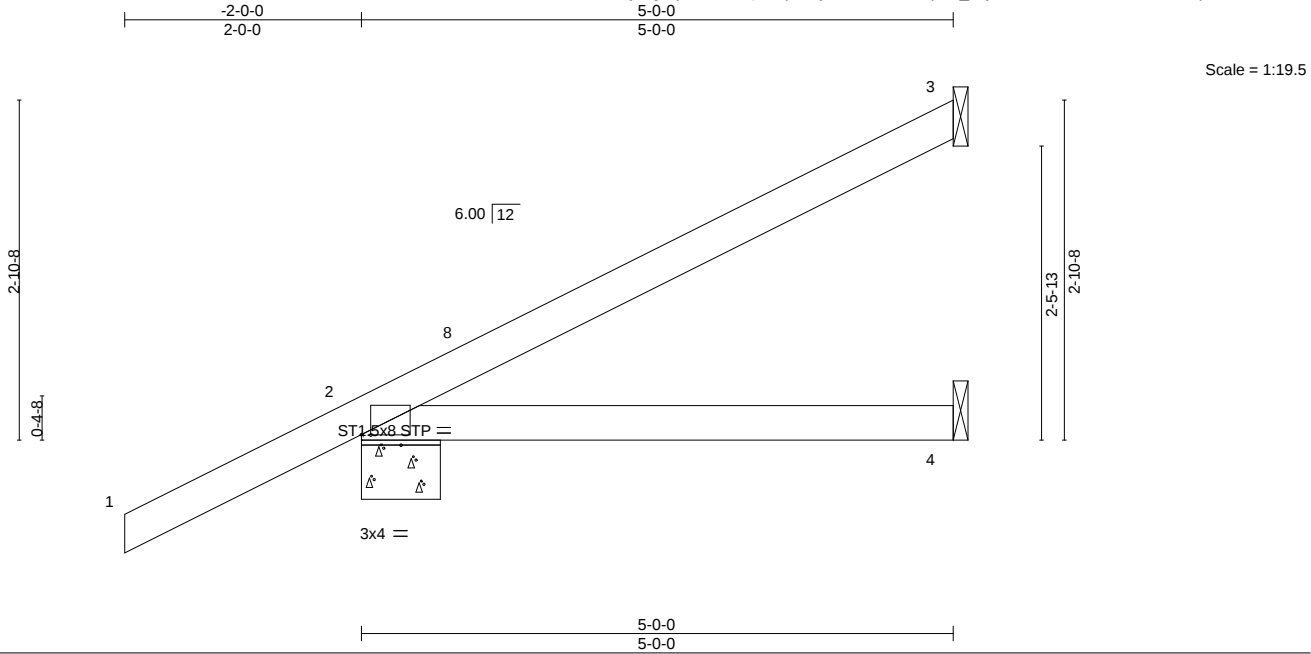


Plate Offsets (X,Y)--		[2:0-0-15,0-0-1]	
LOADING (psf)	SPACING-	2-0-0	CSI.
TCLL 20.0	Plate Grip DOL	1.25	TC 0.31
TCDL 10.0	Lumber DOL	1.25	BC 0.24
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00
BCDL 10.0	Code FBC2023/TPI2014		Matrix-MP
			DEFL. in (loc) l/defl L/d
			Vert(LL) 0.03 4-7 >999 240
			Vert(CT) -0.05 4-7 >999 180
			Horz(CT) 0.00 3 n/a n/a
			PLATES GRIP
			MT20 244/190
			Weight: 19 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.

REACTIONS. (size) 3=Mechanical, 2=0-8-0, 4=Mechanical
Max Horz 2=128(LC 12)
Max Uplift 3=-74(LC 12), 2=-97(LC 12)
Max Grav 3=119(LC 1), 2=342(LC 1), 4=88(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 -2-0-0 to 1-0-0, Zone1 1-0-0 to 4-11-4 zone;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 100 lb uplift at joint(s) 3, 2.

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245537
4894020	EJ06	Jack-Partial	4	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:05 2026 Page 1
ID:c5BPYmG2qMmDHUQIz6qG6kyTFsm-7z2kzBqykH_Ga80nc5eexq7qx9rE2Qfrp_nNyrzhvta

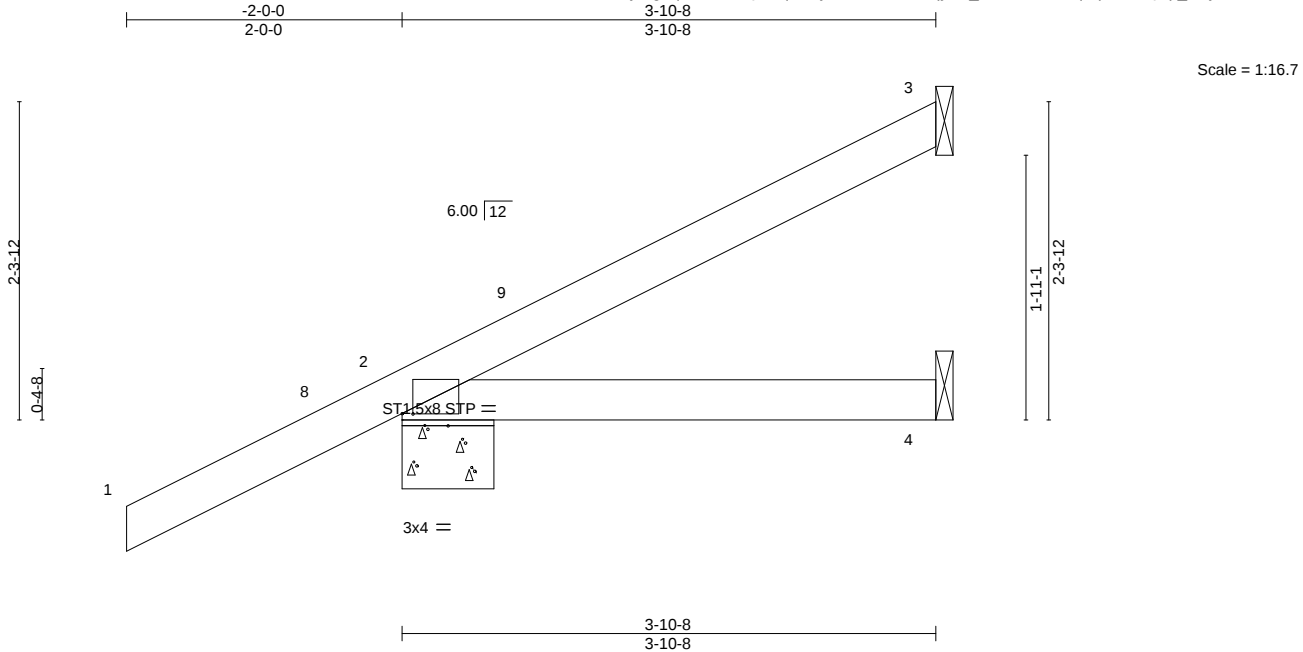


Plate Offsets (X,Y)--		[2:0-0-15,0-0-1]			
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.31	Vert(LL) -0.01 4-7 >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.25	BC 0.12	Vert(CT) -0.02 4-7 >999 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 3 n/a n/a		
BCDL 10.0	Code FBC2023/TPI2014	Matrix-MP		Weight: 16 lb	FT = 20%

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

REACTIONS. (size) 3=Mechanical, 2=0-8-0, 4=Mechanical
Max Horz 2=107(LC 12)
Max Uplift 3=-53(LC 12), 2=-93(LC 12)
Max Grav 3=85(LC 1), 2=304(LC 1), 4=65(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 -2-0-0 to 1-0-0, Zone1 1-0-0 to 3-9-12 zone;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 100 lb uplift at joint(s) 3, 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:

February 25,2026

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245538
4894020	HJ06	Diagonal Hip Girder	2	1	Job Reference (optional)	

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

8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:05 2026 Page 1
ID:c5BPYmG2qMmDHUQIz6qG6kyTFsm-7z2kzBqykH_Ga80nc5eexq7I69I32Qfrp_nNyrzhvta

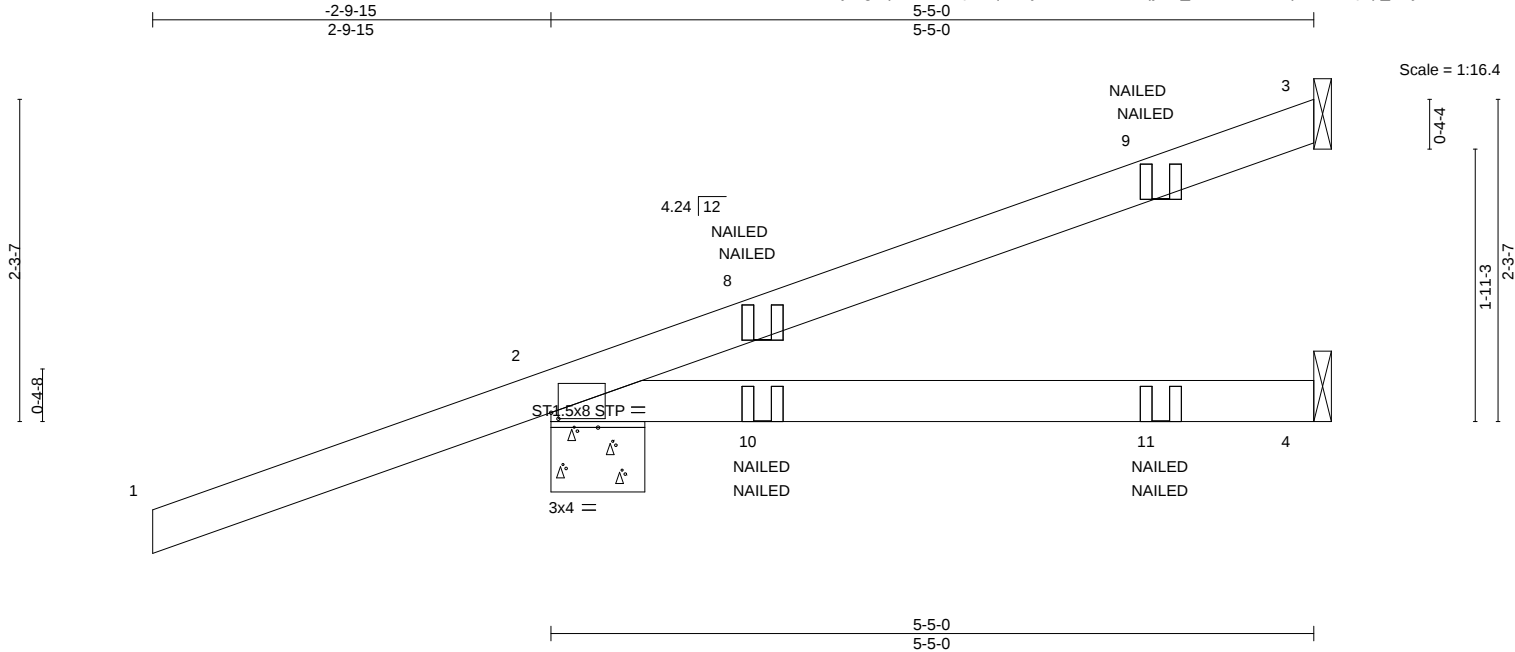


Plate Offsets (X,Y)--		[2:0-0-10,0-0-8]										
LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.08	4-7	>838	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.08	4-7	>793	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MP							Weight: 21 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 5-5-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(size) 3=Mechanical, 2=0-8-0, 4=Mechanical
Max Horz 2=125(LC 25)
Max Uplift 3=-61(LC 8), 2=-183(LC 4), 4=-31(LC 19)
Max Grav 3=99(LC 1), 2=317(LC 1), 4=73(LC 25)

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; 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 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=183.
- 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: 8=73(F=37, B=37) 10=81(F=41, B=41) 11=5(F=2, B=2)

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Date:

February 25,2026

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245540
4894020	HJ10	Diagonal Hip Girder	8	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:06 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-cAb6BXqaVb67Cib_9p9tT1fwsZ6SnoP?1eWwUHzhvtZ

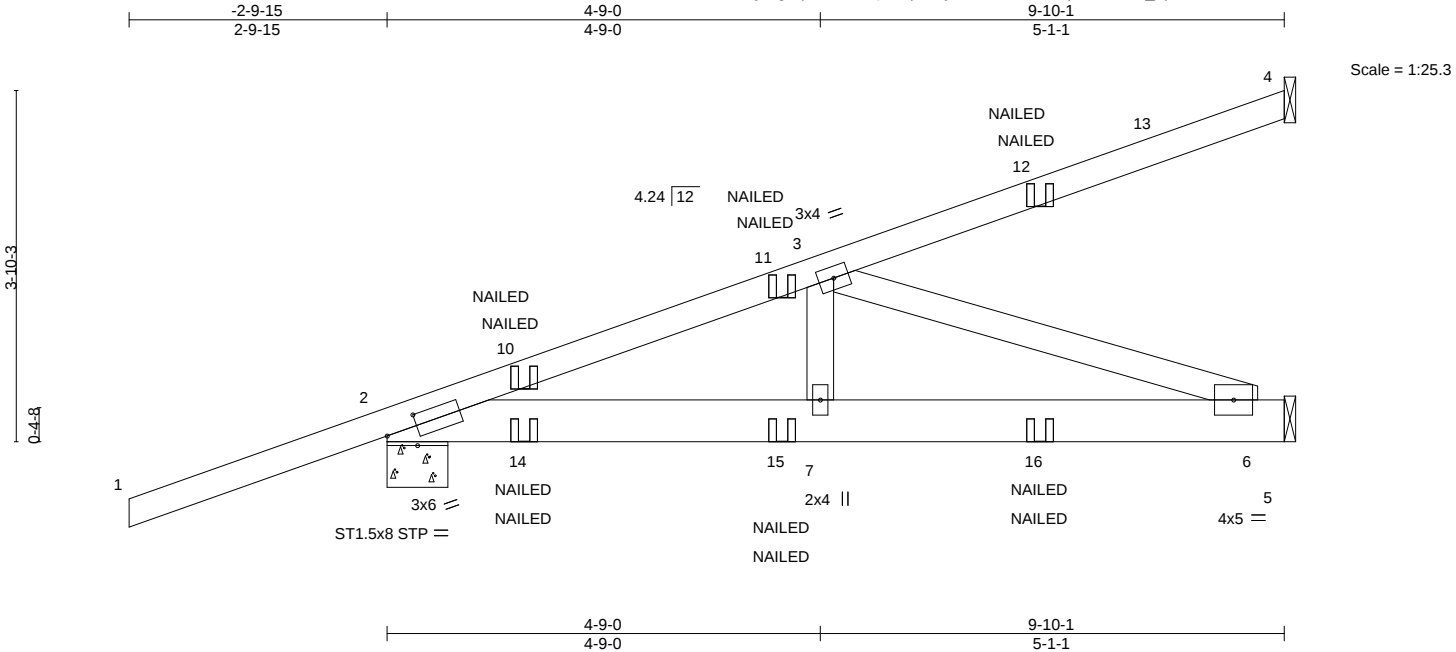


Plate Offsets (X,Y)--	[2:0-4-2,0-1-8]								
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.62	Vert(LL)	0.03 6-7	>999	240	MT20	244/190
TCDL 10.0	Lumber DOL	1.25	BC 0.38	Vert(CT)	-0.04 6-7	>999	180		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.35	Horz(CT)	0.01 5	n/a	n/a		
BCDL 10.0	Code FBC2023/TPI2014		Matrix-MS					Weight: 52 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.
WEBS 2x4 SP No.3	

REACTIONS. (size) 4=Mechanical, 2=0-8-0, 5=Mechanical
Max Horz 2=180(LC 4)
Max Uplift 4=-86(LC 4), 2=-267(LC 4), 5=-162(LC 5)
Max Grav 4=157(LC 1), 2=499(LC 1), 5=297(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-669/327
BOT CHORD 2-7=-373/636, 6-7=-373/636
WEBS 3-6=-673/395

- NOTES-**
- 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; 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.
 - 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) 4 except (jt=lb) 2=267, 5=162.
 - "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: 1-4=-60, 2-5=-20
Concentrated Loads (lb)
Vert: 10=73(F=37, B=37) 11=-0(B) 12=-80(F=-34, B=-46) 14=81(F=41, B=41) 15=-10(F=2, B=-13) 16=-64(F=-26, B=-38)

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

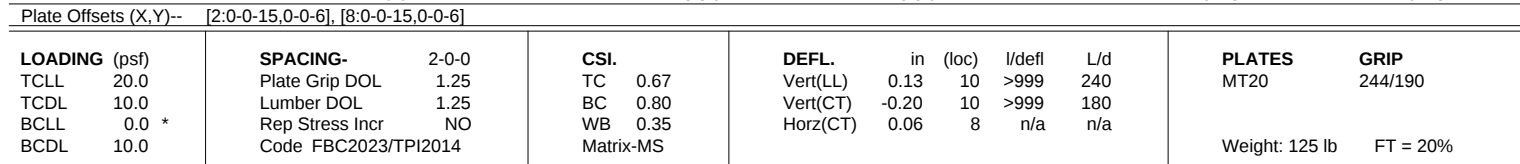
February 25,2026

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 ID:c5BPmYg2qMmDHUQIz6qG6kyTFsm-4M9UotrCGvE_pSAAjWg60FC3ozLDWFI8GIGU0kzhvYt
 2-0-0 3-11-15 7-0-0 10-8-0 14-4-0 17-4-1 21-4-0
 2-0-0 3-11-15 3-0-1 3-8-0 3-8-0 3-0-1 3-11-15
 Scale = 1:39



REACTIONS. (size) 8=0-3-8, 2=0-8-0
 Max Horz 2=92(LC 33)
 Max Uplift 8=-769(LC 9), 2=-785(LC 8)
 Max Grav 8=1680(LC 1), 2=1728(LC 1)

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

TOP CHORD 2-3=-3180/1528, 3-4=-2984/1476, 4-5=-2677/1365, 5-6=-2572/1321, 6-7=-2860/1424,
7-8=-2991/1447

BOT CHORD 2-12=-1372/2806, 10-12=-1472/3032, 9-10=-1472/3032, 8-9=-1225/2603

WEBS 4-12=-434/915, 5-12=-546/323, 5-10=-178/331, 5-9=-689/378, 6-9=-401/839

- 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; 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.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=769, 2=785.
- 8) Use Simpson Strong-Tie SUL26 (6-16d Girder, 6-10dx1 1/2 Truss) or equivalent at 7-0-0 from the left end to connect truss(es) to front face of bottom chord, skewed 45.0 deg.to the left, sloping 0.0 deg. down.
- 9) Use Simpson Strong-Tie SUR26 (6-10dx1 1/2 Girder, 6-10dx1 1/2 Truss, Single Ply Girder) or equivalent at 14-4-0 from the left end to connect truss(es) to front face of bottom chord, skewed 45.0 deg.to the right, sloping 0.0 deg. down.
- 10) Fill all nail holes where hanger is in contact with lumber.
- 11) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidelines.
- 12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 4-6=-60, 6-8=-60, 2-8=-20

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Date:

February 25, 2026

Continued on page 2



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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245541
4894020	T01	Hip Girder	1	1	Job Reference (optional)	

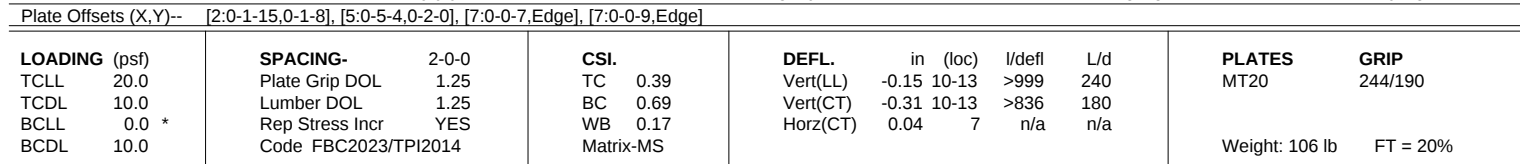
LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 4=-72(F) 6=-72(F) 11=-63(F) 12=-268(F) 10=-63(F) 5=-117(F) 9=-268(F) 19=-117(F) 20=-117(F) 21=-117(F) 22=-117(F) 23=-63(F) 24=-63(F) 25=-63(F)

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Builders FirstSource (Lake City, FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:08 2026 Page 1
ID:c5BPpYmg2qMmDHUQlZ6qG6kyTFsm-YYjscDsr1CMrRclMHECLYSlrNjAFlOHyv?1ZAzhvtX
-2-0-0 4-9-8 9-0-0 12-4-0 16-6-8 21-4-0
2-0-0 4-9-8 4-2-8 3-4-0 4-2-8 4-9-8
Scale = 1:39



REACTIONS. (size) 2=0-8-0, 7=0-3-8
 Max Horz 2=108(LC 16)
 Max Uplift 2=-256(LC 12), 7=-208(LC 13)
 Max Grav 2=964(LC 1), 7=863(LC 1)

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

TOP CHORD	2-3=-1417/352, 3-4=-1126/258, 4-5=-955/263, 5-6=-1109/260, 6-7=-1371/349
BOT CHORD	2-10=-332/1238, 8-10=-131/941, 7-8=-251/1188
WEBS	3-10=-332/190, 4-10=-51/312, 5-8=-53/270, 6-8=-296/181

- 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 -2-0-0 to 1-0-0, Zone1 1-0-0 to 9-0-0, Zone3 9-0-0 to 12-4-0, Zone2 12-4-0 to 16-8-7, Zone1 16-8-7 to 21-4-0 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.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=256. 7=208.
- This item has been digitally signed and sealed by OREGAN, Philip, P.E. on the date indicated here. Printed copies of this

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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

February 25, 2026

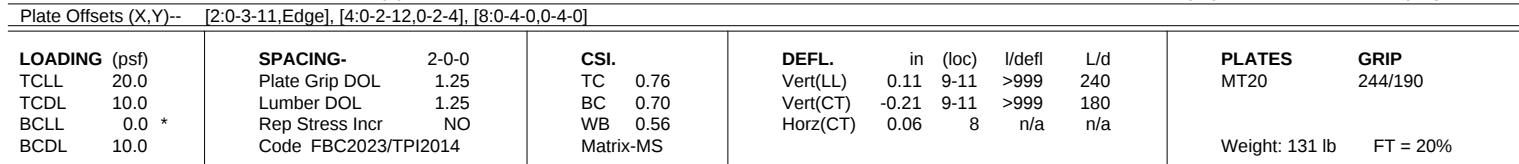


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 ID:c5BPmMg2qMmDHUQIz6qG6kyTFsm-YYjscDsr1CMrRcIMHECLYSID9NjxFbHvY?1ZAZhvtX
 -2-0-0 3-11-15 7-0-0 11-8-10 16-5-7 21-4-0
 2-0-0 3-11-15 3-0-1 4-8-10 4-8-13 4-10-9
 Scale = 1:39.2



REACTIONS. (size) 8=0-3-8, 2=0-8-0
 Max Horz 2=169(LC 29)
 Max Uplift 8=-685(LC 5), 2=-649(LC 8)
 Max Grav 8=1760(LC 1), 2=1696(LC 1)

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

TOP CHORD	2-3=-3124/1227, 3-4=-2943/1178, 4-5=-2643/1094, 5-6=-2539/971
BOT CHORD	2-11=-1180/2753, 9-11=-1155/2844, 8-9=-791/1954
WEBS	4-11=-259/814, 5-11=-306/148, 5-9=-544/344, 6-9=-349/1044, 6-8=-2368/965

- 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; 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" tall by 2'-0" wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=685, 2=649.
- 8) Use Simpson Strong-Tie SUR26 (6-10dx1 1/2 Girder, 6-10dx1 1/2 Truss, Single Ply Girder) or equivalent at 7'-0" from the left end to connect truss(es) to back face of bottom chord, skewed 45.0 deg.to the right, sloping 0.0 deg. down.
- 9) Fill all nail holes where hanger is in contact with lumber.
- 10) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidelines.
- 11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 4-7=-60, 2-8=-20

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

February 25, 2026

Continued on page 2



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 DS-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Components Association (www.sbcsccomponents.com)

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245543
4894020	T03	Half Hip Girder	1	1	Job Reference (optional)	

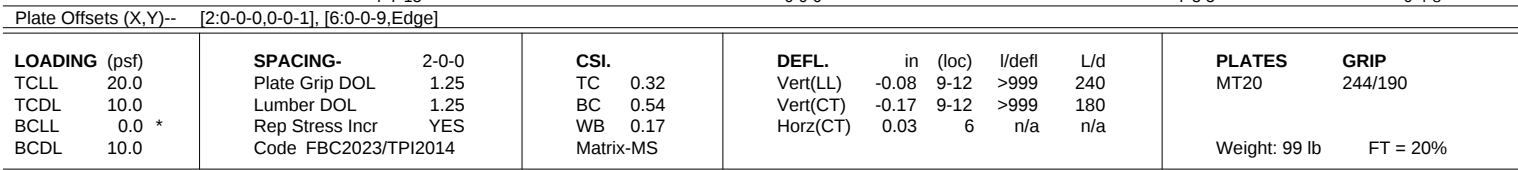
LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 4=-72(B) 10=-72(B) 11=-268(B) 14=-125(B) 15=-125(B) 16=-113(B) 17=-113(B) 19=-113(B) 20=-113(B) 21=-113(B) 22=-72(B) 23=-69(B) 24=-69(B)
25=-69(B) 26=-69(B) 27=-69(B)

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Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:09 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-0IHepZiToWUi3mKZrxa5gHvnm5d_C_Rkcla5czhtwW
-2-0-0 5-6-5 10-8-0 15-9-11 21-4-0
2-0-0 5-6-5 5-1-11 5-6-5



REACTIONS. (size) 2=0-8-0, 6=0-3-8
 Max Horz 2=122(LC 16)
 Max Uplift 2=-252(LC 12), 6=-205(LC 13)
 Max Grav 2=964(LC 1), 6=863(LC 1)

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

TOP CHORD	2-3=-1421/330, 3-4=-1223/309, 4-5=-1193/317, 5-6=-1368/330
BOT CHORD	2-9=-321/1219, 7-9=-129/812, 6-7=-230/1176
WEBS	4-7=-134/405, 5-7=-297/196, 4-9=-136/448, 3-9=-320/201

- 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 -2-0-0 to 1-0-0, Zone1 1-0-0 to 10-8-0, Zone2 10-8-0 to 14-10-15, Zone1 14-10-15 to 21-4-0 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) except (jt=lb) 2=252, 6=205.
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Date:

February 25, 2026

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES
4894020	T05	Hip Girder	1	2	T40245545

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:12 2026 Page 1
ID:c5BPYmG2qMmDHUQIz6qG6kyTFsm-QKzNRavL4RshwD37W3GHjlvSH_80BRZtQZ_EixzhvtT
-2-0-0 3-10-15 7-0-0 14-1-12 18-10-1 23-6-6 28-2-12 35-4-8 38-7-9 42-0-0
2-0-0 3-10-15 3-1-1 7-1-12 4-8-5 4-8-5 4-8-5 7-1-12 3-3-1 3-4-7
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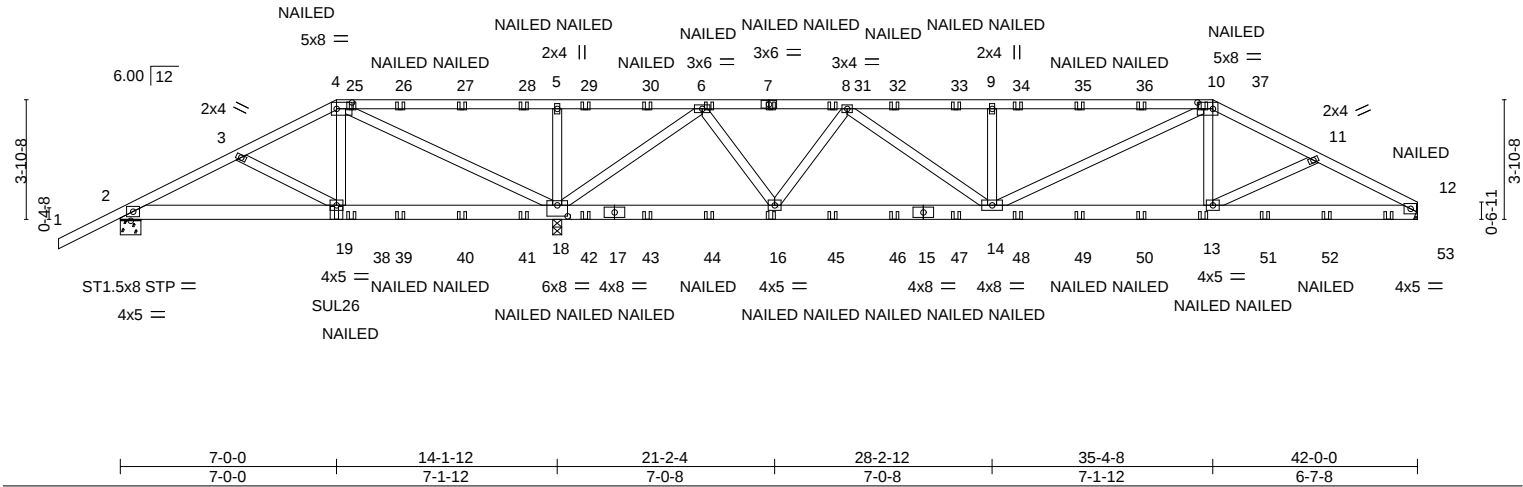


Plate Offsets (X,Y)--		[4:0-6-0,0-2-8], [10:0-6-0,0-2-8], [18:0-4-0,0-4-4]								
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d			PLATES GRIP	
TCLL	20.0	Plate Grip DOL	1.25	TC	0.94	Vert(LL)	0.10 13-14	>999	240	MT20 244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.17 14-16	>999	180	
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.69	Horz(CT)	0.03 12	n/a	n/a	
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS						Weight: 492 lb FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied.
BOT CHORD 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (size) 12=Mechanical, 2=0-8-0, 18=0-3-8
Max Horz 2=96(LC 8)
Max Uplift 12=904(LC 9), 2=182(LC 29), 18=1872(LC 5)
Max Grav 12=2216(LC 22), 2=370(LC 21), 18=4751(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-5=-953/2460, 5-6=-953/2460, 6-8=-1691/641, 8-9=-3724/1602, 9-10=-3724/1602, 10-11=-3454/1492, 11-12=-3612/1532
BOT CHORD 16-18=-170/533, 14-16=-1000/2600, 13-14=-1256/3105, 12-13=-1326/3201
WEBS 4-19=-254/728, 4-18=-2712/1163, 5-18=-874/467, 6-18=-3698/1464, 6-16=-760/2081, 8-16=-1637/796, 8-14=-649/1411, 9-14=-808/437, 10-14=-312/762, 10-13=-250/701

- 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 (it=lb) 12=904, 2=182, 18=1872.
 - Use Simpson Strong-Tie SUL26 (6-10d Girder, 6-10dx1 1/2 Truss) or equivalent at 7-0-0 from the left end to connect truss(es) to front face of bottom chord, skewed 45.0 deg.to the left, sloping 0.0 deg. down.
 - Fill all nail holes where hanger is in contact with lumber.
 - "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidelines.

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
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Date:

February 25,2026

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES
4894020	T05	Hip Girder	1	2	T40245545
					Job Reference (optional)

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-4=-60, 4-10=-60, 10-12=-60, 2-20=-20

Concentrated Loads (lb)

Vert: 7=-125(F) 19=-268(F) 6=-125(F) 16=-72(F) 13=-63(F) 25=-117(F) 26=-117(F) 27=-125(F) 28=-125(F) 29=-125(F) 30=-125(F) 31=-125(F) 32=-125(F) 33=-125(F) 34=-117(F) 35=-117(F) 36=-117(F) 37=-117(F) 38=-63(F) 39=-63(F) 40=-72(F) 41=-72(F) 42=-72(F) 43=-72(F) 44=-72(F) 45=-72(F) 46=-72(F) 47=-72(F) 48=-63(F) 49=-63(F) 50=-63(F) 51=-237(F) 52=-237(F) 53=-237(F)

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES
4894020	T06	Hip	1	1	T40245546
Job Reference (optional)					

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

8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:12 2026 Page 1

ID:c5BPYmG2qMmDHUQIz6qG6kyTFsm-QKzNRavL4RsHwD37W3GHjlvxs_2QBSctQZ_EixzhvtT

2-0-0	4-9-8	9-0-0	14-1-12	20-5-5	26-11-3	33-4-8	37-7-0	42-0-0
2-0-0	4-9-8	4-2-8	5-1-12	6-3-9	6-5-14	6-5-5	4-2-8	4-5-0

Scale = 1:74.0

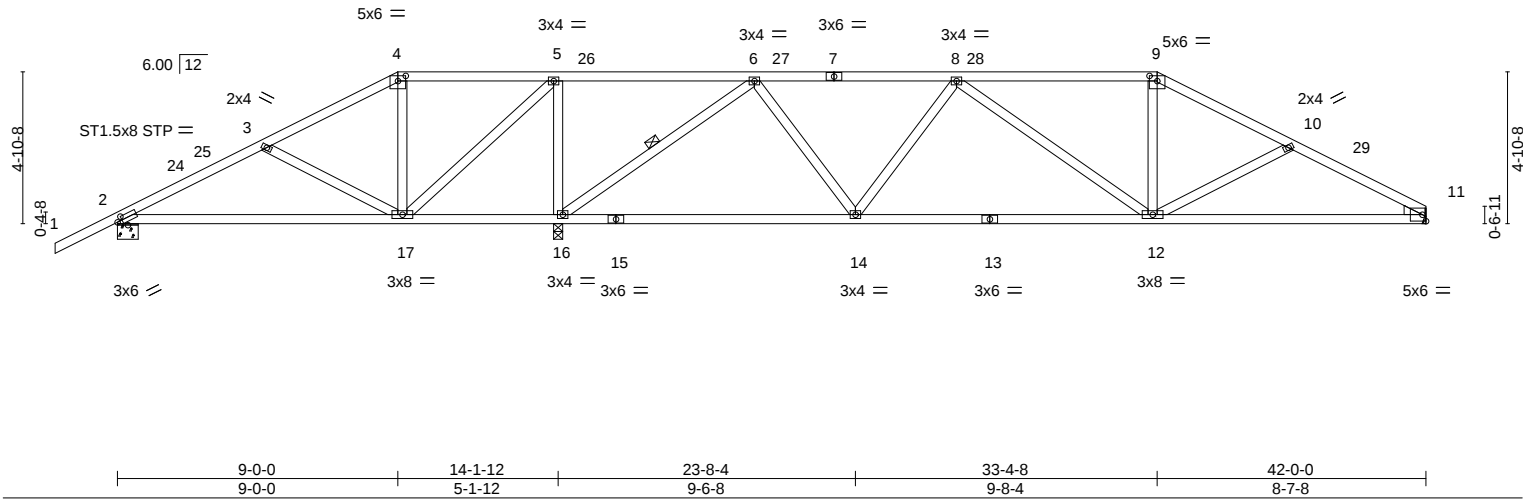


Plate Offsets (X,Y)--		[2:0-1-15,0-1-8], [4:0-3-0,0-2-0], [9:0-3-0,0-2-0]							
LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES	
TCLL	20.0	2-0-0		TC 0.58		in (loc)		MT20	
TCDL	10.0	Plate Grip DOL 1.25		BC 0.86		Vert(LL) -0.16 14-16 >999 240		GRIP 244/190	
BCLL	0.0 *	Lumber DOL 1.25		WB 0.59		Vert(CT) -0.33 14-16 >999 180			
BCDL	10.0	Rep Stress Incr YES		Matrix-MS		Horz(CT) 0.03 11 n/a n/a			
		Code FBC2023/TPI2014						Weight: 214 lb FT = 20%	

LUMBER-		BRACING-	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-6-1 oc purlins.
BOT CHORD	2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 5-8-14 oc bracing.
WEBS	2x4 SP No.3	WEBS	1 Row at midpt 6-16
WEDGE			
Right: 2x4 SP No.3			

REACTIONS.		(size) 2=0-8-0, 16=0-3-8, 11=Mechanical
		Max Horz 2=112(LC 12)
		Max Uplift 2=-155(LC 12), 16=-552(LC 9), 11=-280(LC 13)
		Max Grav 2=395(LC 25), 16=2168(LC 1), 11=959(LC 26)

FORCES.		(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	3-4=-114/358, 4-5=-85/316, 5-6=-195/948, 6-8=-918/298, 8-9=-1205/419, 9-10=-1394/428, 10-11=-1631/509	
BOT CHORD	16-17=-948/333, 14-16=-127/483, 12-14=-302/1210, 11-12=-398/1411	
WEBS	3-17=-354/193, 4-17=-349/131, 5-17=-237/958, 5-16=-1023/351, 6-16=-1700/489, 6-14=-171/766, 8-14=-521/246, 9-12=-37/364	

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 -2-0-0 to 2-2-6, Zone1 2-2-6 to 9-0-0, Zone2 9-0-0 to 14-11-4, Zone1 14-11-4 to 33-4-8, Zone2 33-4-8 to 39-3-12, Zone1 39-3-12 to 42-0-0 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.	
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=155, 16=552, 11=280.	

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February 25,2026

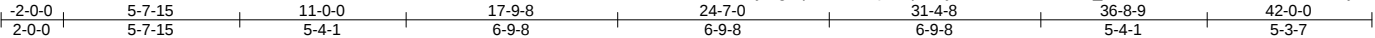
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Job	Truss	Truss Type	Qty	Ply	DAVID REYES
4894020	T07	Hip	1	1	T40245547
Builders FirstSource (Lake City,FL), Lake City, FL - 32055,					Job Reference (optional)

8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:13 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-uWWfwwzrl_8XNeK4nnWFWWS5rOOswsY1eDjoENZhtS



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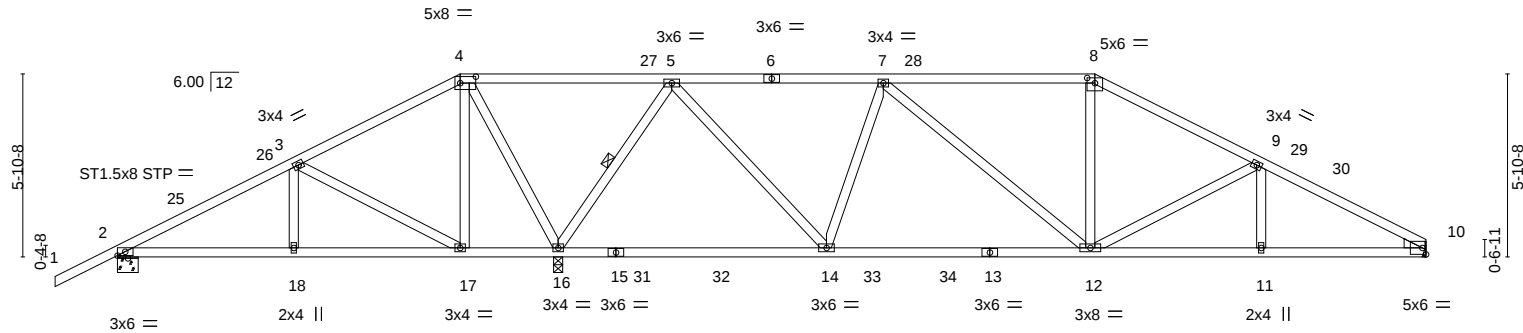


Plate Offsets (X,Y)--	[4:0-6-0,0-2-8], [8:0-3-0,0-2-0]
-----------------------	----------------------------------

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 0.70	Vert(LL)	-0.14 14-16	>999	240	MT20	244/190
TCDL 10.0	Lumber DOL	1.25	BC 0.78	Vert(CT)	-0.26 12-14	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.77	Horz(CT)	0.03 10	n/a	n/a		
BCDL 10.0	Code FBC2023/TPI2014		Matrix-MS					Weight: 224 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-4-13 oc purlins.
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 5-16
WEDGE	
Right: 2x4 SP No.3	

REACTIONS. (size) 2=0-8-0, 16=0-3-8, 10=Mechanical
Max Horz 2=129(LC 12)
Max Uplift 2=-148(LC 12), 16=-495(LC 9), 10=-282(LC 13)
Max Grav 2=376(LC 25), 16=2434(LC 2), 10=1016(LC 28)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-171/293, 3-4=-90/634, 4-5=-146/999, 5-7=-714/268, 7-8=-1121/404,
8-9=-1307/407, 9-10=-1711/493
BOT CHORD 16-17=-523/242, 12-14=-198/892, 11-12=-379/1484, 10-11=-379/1484
WEBS 3-18=0/259, 3-17=-587/221, 4-17=-82/343, 4-16=-999/293, 5-16=-1534/441,
5-14=-266/1236, 7-14=-645/268, 7-12=-69/352, 8-12=-9/280, 9-12=-437/205

- 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 -2-0-0 to 2-2-6, Zone1 2-2-6 to 11-0-0, Zone2 11-0-0 to 16-11-4, Zone1 16-11-4 to 31-4-8, Zone2 31-4-8 to 37-3-12, Zone1 37-3-12 to 42-0-0 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.
 - 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.
 - 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) 2=148, 16=495, 10=282.

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Date:

February 25,2026

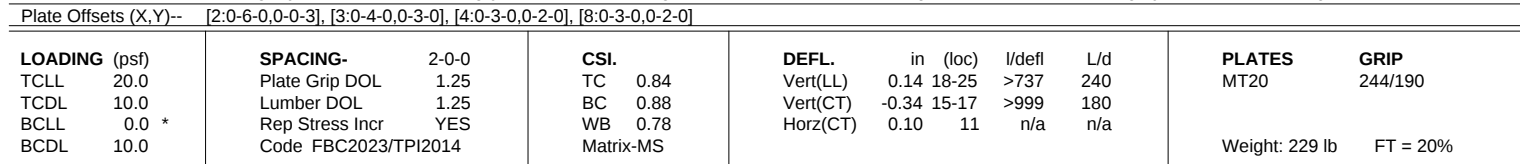
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

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MiTek®

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

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:14 2026 Page 1
 ID:c5BPYmg2qMmDHUQlZ6qG6kyTFsm-Ni47sGxhc26_9XCWdUllq?DJnjZfJhAtTLmqzhvtr
 -2-0-0 6-8-15 13-0-0 18-3-12 24-0-11 29-4-8 35-3-3 41-2-4
 2-0-0 6-8-15 6-3-1 5-3-12 5-8-15 5-3-12 5-10-11 5-11-1
 Scale = 1:73.8



REACTIONS. (size) 11=Mechanical, 2=0-8-0, 18=0-8-0
 Max Horz 2=155(LC 12)
 Max Uplift 11=-337(LC 13), 2=-100(LC 12), 18=-452(LC 9)
 Max Grav 11=1365(LC 2), 2=285(LC 25), 18=2116(LC 2)

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

TOP CHORD 2-3=-61/468, 3-4=-805/208, 4-5=-646/227, 5-7=-1570/404, 7-8=-1599/479,
 8-9=-1822/485, 9-11=-2108/538

BOT CHORD 2-18=-378/152, 17-18=-1153/309, 15-17=-274/1322, 13-15=-311/1658, 12-13=-405/1806,
 11-12=-405/1806

WEBS 3-18=-2039/523, 3-17=-348/2049, 5-17=-1114/301, 5-15=-127/627, 7-15=-301/184,
 8-13=-60/506, 9-13=-294/182

- 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 -2-0-0 to 2-1-7, Zone1 2-1-7 to 13-0-0, Zone2 13-0-0 to 18-9-14, Zone1 18-9-14 to 29-4-8, Zone2 29-4-8 to 35-3-3, Zone1 35-3-3 to 41-2-4 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)
11=337 2=100 18=452

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:

February 25, 2026



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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245549
4894020	T09	Hip	1	1		

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:14 2026 Page 1
ID:c5BPYmG2qMmDHUQIz6qG6kyTFsm-Ni47sGxhc26_9XCWdUll0j?CqnjdflnAttTLmqzhvtR

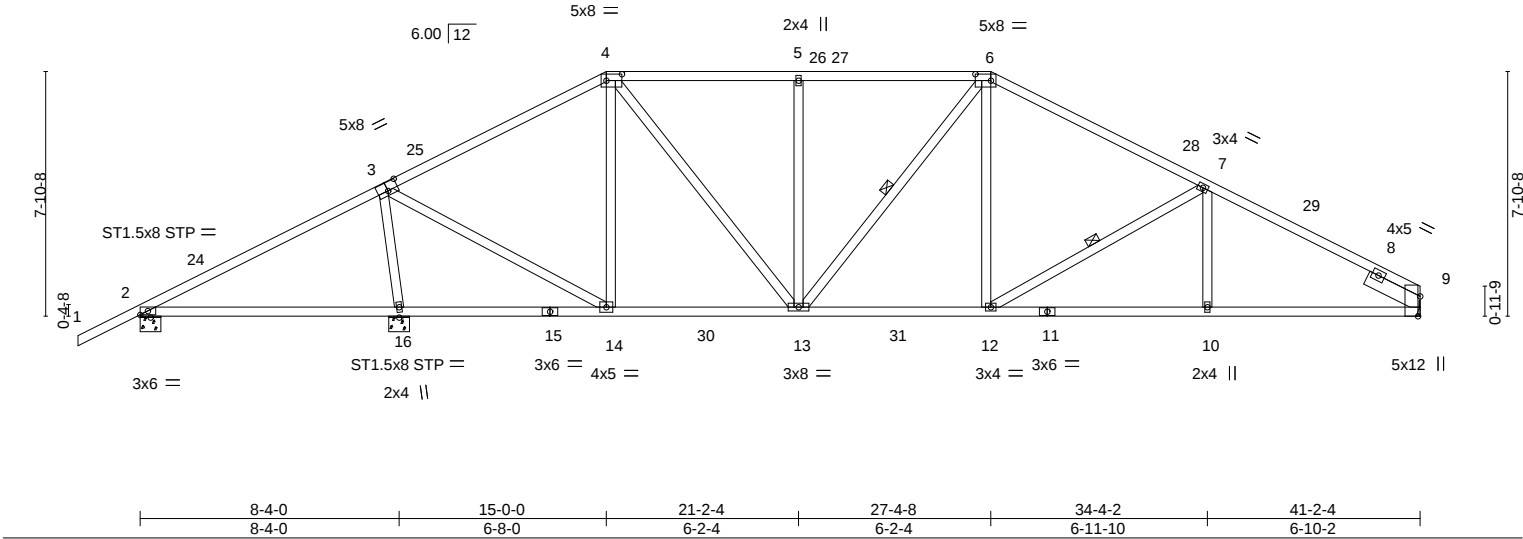


Plate Offsets (X,Y)--	[3:0-4-0,0-3-4], [4:0-6-0,0-2-8], [6:0-6-0,0-2-8], [9:0-7-11,Edge]								
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.94	Vert(LL)	0.17 16-23	>588	240	MT20	244/190
TCDL 10.0	Lumber DOL	1.25	BC 0.87	Vert(CT)	-0.34 10-12	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.65	Horz(CT)	0.10 9	n/a	n/a		
BCDL 10.0	Code FBC2023/TPI2014		Matrix-MS					Weight: 231 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* 6-9: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied.
BOT CHORD 2x4 SP No.2 *Except* 9-11: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 6-13, 7-12
SLIDER Right 2x6 SP No.2 1-11-8	

REACTIONS.	(size) 9=Mechanical, 2=0-8-0, 16=0-8-0 Max Horz 2=171(LC 12) Max Uplift 9=337(LC 13), 2=99(LC 12), 16=449(LC 12) Max Grav 9=1363(LC 2), 2=289(LC 25), 16=2122(LC 2)
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD 2-3=-72/503, 3-4=-1024/264, 4-5=-1366/402, 5-6=-1366/402, 6-7=-1693/457, 7-9=-2122/538	
BOT CHORD 2-16=-408/153, 14-16=-575/189, 13-14=-137/820, 12-13=-194/1455, 10-12=-398/1820, 9-10=-398/1820	
WEBS 3-16=-1817/480, 3-14=-210/1585, 4-14=-581/156, 4-13=-232/896, 5-13=-415/215, 6-12=-81/521, 7-12=-461/237	

- 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 -2-0-0 to 2-1-7, Zone1 2-1-7 to 15-0-0, Zone2 15-0-0 to 20-9-14, Zone1 20-9-14 to 27-4-8, Zone2 27-4-8 to 33-2-6, Zone1 33-2-6 to 41-2-4 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) 2 except (jt=lb) 9=337, 16=449.

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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Date:

February 25,2026

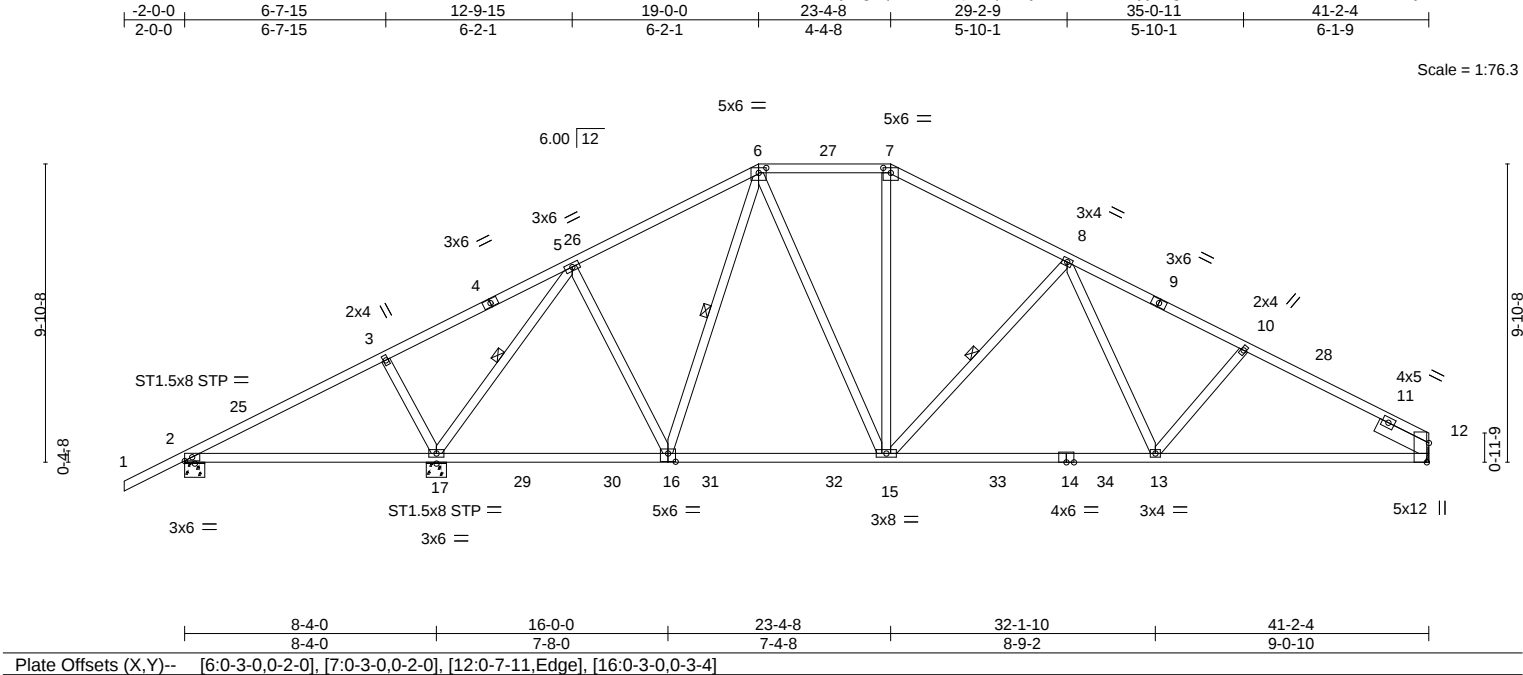
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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245551
4894020	T11	Hip	2	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:16 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-J5CuHyys8gMiOrMvIvLDt84YsbOM7FYTLBySrizhvtP



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 0.90	Vert(LL)	0.15 17-20	>689	240	MT20	244/190
TCDL 10.0	Lumber DOL	1.25	BC 0.92	Vert(CT)	-0.48 13-15	>819	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.69	Horz(CT)	0.10 12	n/a	n/a		
BCDL 10.0	Code FBC2023/TPI2014		Matrix-MS					Weight: 237 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* 9-12: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD 2x4 SP No.2 *Except* 12-14: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 5-17, 6-16, 8-15
SLIDER Right 2x6 SP No.2 1-11-8	

REACTIONS.	(size) 2=0-8-0, 17=0-8-0, 12=Mechanical Max Horz 2=205(LC 12) Max Uplift 2=98(LC 8), 17=490(LC 12), 12=323(LC 13) Max Grav 2=276(LC 25), 17=2232(LC 2), 12=1376(LC 2)
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FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-137/544, 3-5=-117/688, 5-6=-1028/303, 6-7=-1151/383, 7-8=-1359/383, 8-10=-1984/506, 10-12=-2127/523
BOT CHORD	2-17=-445/213, 16-17=-116/582, 15-16=-97/943, 13-15=-239/1566, 12-13=-387/1818
WEBS	3-17=-369/228, 5-17=-1957/396, 5-16=-46/682, 6-16=-374/90, 6-15=-160/571, 7-15=-63/349, 8-15=-633/301, 8-13=-84/451

- 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 -2-0-0 to 2-1-7, Zone1 2-1-7 to 19-0-0, Zone3 19-0-0 to 23-4-8, Zone2 23-4-8 to 29-2-9, Zone1 29-2-9 to 41-2-4 zone; 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.
 - 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) 2 except (jt=lb) 17=490, 12=323.

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245553
4894020	T13	Common	6	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:17 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-nHmGVzUvzUZ0_x5JdsSQMdk9?IPsh9cZrh?N9zhvtO



Scale = 1:78.0

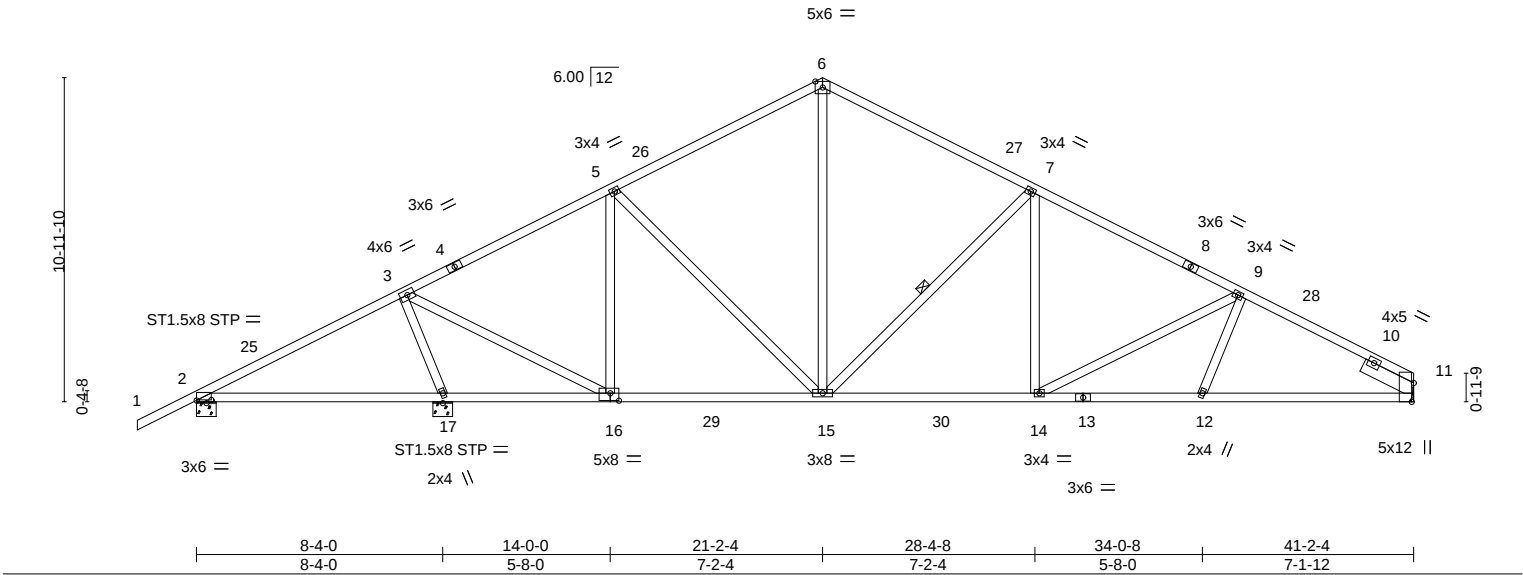


Plate Offsets (X,Y)--		[2:0-6-0,0-0-3], [11:0-7-11,Edge], [16:0-3-8,0-3-0]									
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d			PLATES GRIP		
TCLL	20.0	Plate Grip DOL	1.25	TC	0.87	Vert(LL)	0.15	17-20	>688	240	MT20 244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.87	Vert(CT)	-0.29	14-15	>999	180	
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.09	11	n/a	n/a	
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 236 lb FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* 8-11: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD 2x4 SP No.2 *Except* 11-13: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 5-6-12 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 7-15
SLIDER Right 2x6 SP No.2 1-11-8	

REACTIONS.	(size) 2=0-8-0, 17=0-8-0, 11=Mechanical
	Max Horz 2=223(LC 12)
	Max Uplift 2=117(LC 8), 17=455(LC 12), 11=325(LC 13)
	Max Grav 2=376(LC 25), 17=2040(LC 2), 11=1383(LC 2)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-87/337, 3-5=-1000/265, 5-6=-1210/378, 6-7=-1213/352, 7-9=-1815/456, 9-11=-2144/528
BOT CHORD	2-17=-254/170, 16-17=-916/304, 15-16=-163/848, 14-15=-223/1582, 12-14=-376/1890, 11-12=-398/1839
WEBS	3-17=-1897/521, 3-16=-341/1927, 5-16=-686/195, 5-15=-29/330, 6-15=-175/682, 7-15=-823/344, 7-14=-45/448, 9-14=-366/171

- 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 -2-0-0 to 2-1-7, Zone1 2-1-7 to 21-2-4, Zone2 21-2-4 to 27-0-2, Zone1 27-0-2 to 41-2-4 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) 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) Refer to girder(s) for truss to truss connections.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=117, 17=455, 11=325.

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 63014
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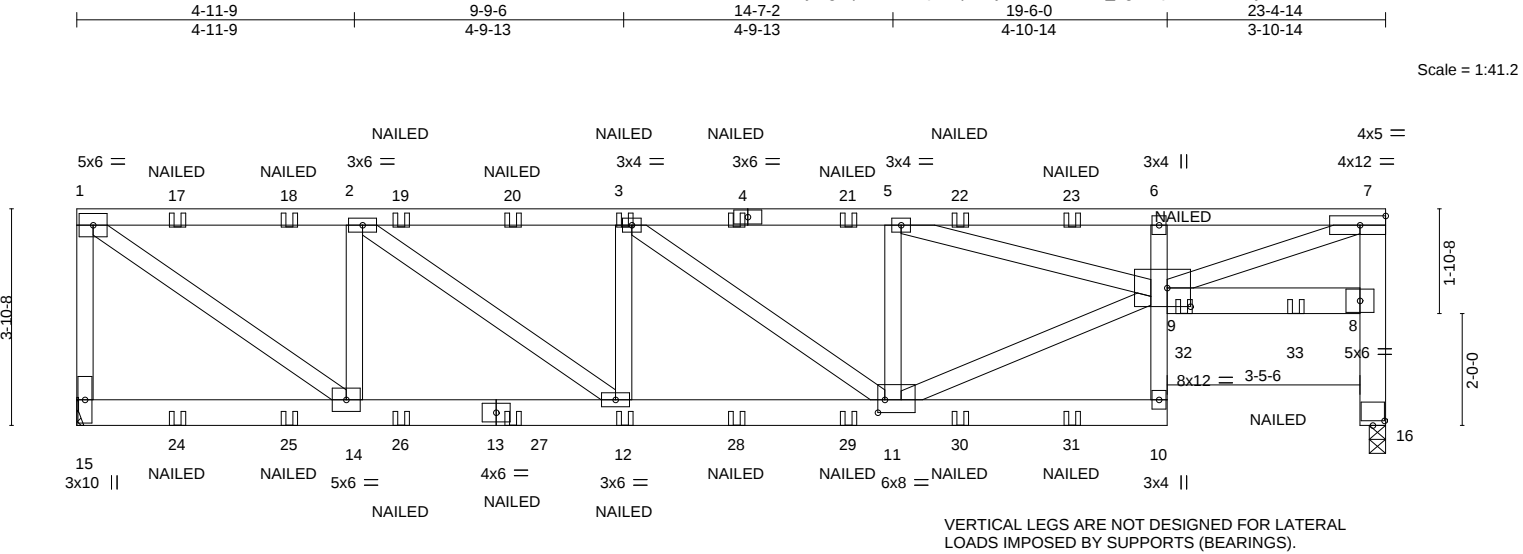
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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245554
4894020	T14	Roof Special Girder	1	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:18 2026 Page 1
ID:c5BPmMg2qMmDHUQIz6qG6kyTFsm-FTKeie_6gHcQe8WHsKNhyZ9xvP8Gb69moVRZvbzhvtN



		4-11-9		9-9-6		14-7-2		19-6-0		23-4-14	
		4-11-9		4-9-13		4-9-13		4-10-14		3-10-14	
Plate Offsets (X,Y)-- [9:0-5-0,0-4-0], [11:0-1-8,0-2-12], [16:0-2-8,0-1-0]											
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 0.74		Vert(LL) 0.20 11-12 >999 240				MT20 244/190	
TCDL	10.0	Lumber DOL 1.25		BC 0.70		Vert(CT) -0.31 11-12 >891 180					
BCLL	0.0 *	Rep Stress Incr NO		WB 0.88		Horz(CT) 0.17 16 n/a n/a					
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS						Weight: 164 lb FT = 20%	

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
6-10: 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
7-16: 2x6 SP No.2, 1-14,2-12,3-11,9-11,7-9: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-4-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-11-6 oc bracing.

REACTIONS. (size) 15=Mechanical, 16=0-3-8
Max Uplift 15=-915(LC 4), 16=-816(LC 4)
Max Grav 15=1890(LC 1), 16=1845(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-15=-1787/881, 1-2=-2208/1078, 2-3=-3176/1543, 3-5=-3065/1473, 5-6=-3924/1819,
6-7=-3867/1781, 8-16=-1845/816, 7-8=-1559/725
BOT CHORD 12-14=-1078/2208, 11-12=-1543/3176, 6-9=-306/165
WEBS 1-14=-1307/2680, 2-14=-1321/671, 2-12=-575/1196, 3-12=-462/242, 5-11=-888/439,
9-11=-1496/3111, 5-9=-363/900, 7-9=-1804/3892

- 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; 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.
 - Bearing at joint(s) 16 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) 15=915, 16=816.
 - "NAILED" indicates 3-10d (0.148"x3") or 3-12d (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: 1-7=-60, 10-15=-20, 8-9=-20

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

February 25,2026

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245554
4894020	T14	Roof Special Girder	1	1	Job Reference (optional)	

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 4=-117(B) 12=-63(B) 3=-117(B) 17=-117(B) 18=-117(B) 19=-117(B) 20=-117(B) 21=-117(B) 22=-117(B) 23=-117(B) 24=-63(B) 25=-63(B) 26=-63(B)
27=-63(B) 28=-63(B) 29=-63(B) 30=-63(B) 31=-63(B) 32=-135(B) 33=-135(B)

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245555
4894020	T15	Half Hip	1	1	Job Reference (optional)	

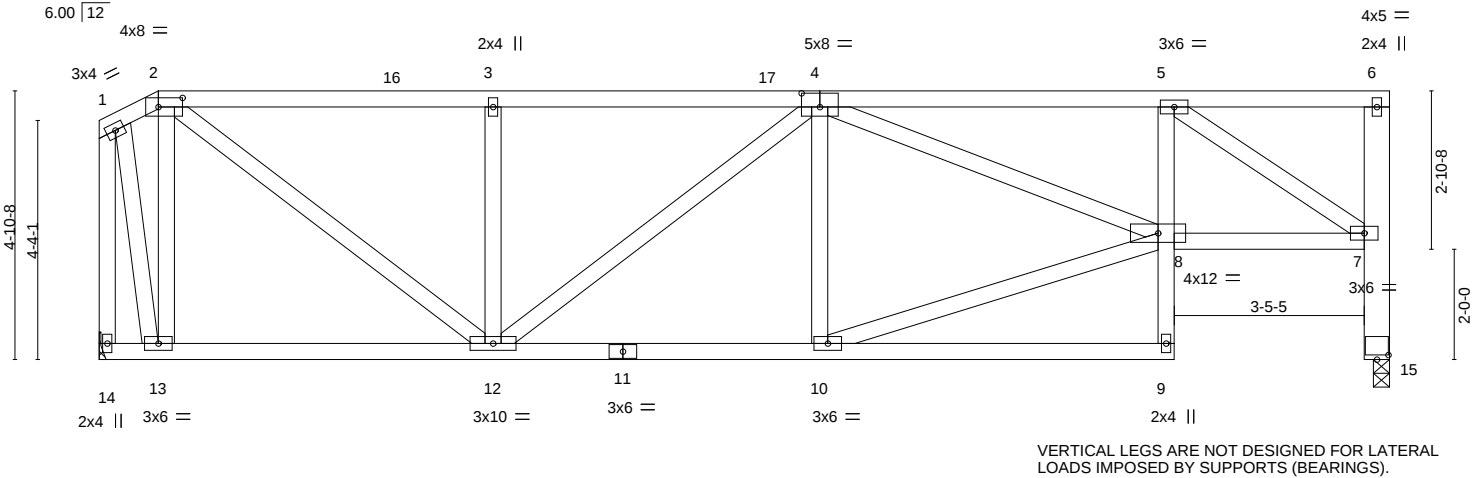
Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:18 2026 Page 1

ID:c5BPmMg2qMmDHUQIz6qG6kyTFsm-FTKeie_6gHcQe8WHsKNhyZ90HPB2bB2moVRZvbzhvtN

1-0-14	7-1-12	13-0-14	19-6-1	23-4-14
1-0-14	6-0-14	5-11-2	6-5-3	3-10-13

Scale = 1:41.8



1-0-14	7-1-12	13-0-14	19-6-0	23-4-14
1-0-14	6-0-14	5-11-2	6-5-3	3-10-14
Plate Offsets (X,Y)-- [2:0-5-4,0-2-0], [4:0-4-0,0-3-0], [15:0-2-8,0-1-0]				
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 0.40	Vert(LL) -0.06 9-10 >999 240	MT20 244/190
TCDL 10.0	Lumber DOL 1.25	BC 0.46	Vert(CT) -0.14 9-10 >999 180	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.57	Horz(CT) 0.06 15 n/a n/a	
BCDL 10.0	Code FBC2023/TPI2014	Matrix-MS		Weight: 163 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
5-9: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
6-15: 2x6 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-11-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-8-9 oc bracing.

REACTIONS.

(size) 14=Mechanical, 15=0-3-8
Max Horz 14=19(LC 12)
Max Uplift 14=263(LC 9), 15=281(LC 9)
Max Grav 14=921(LC 1), 15=921(LC 1)

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

TOP CHORD 2-3=-1034/321, 3-4=-1034/321, 4-5=-1201/381, 7-15=-921/281, 1-14=-929/236
BOT CHORD 10-12=-364/1195, 5-8=-82/474, 7-8=-372/1194
WEBS 2-13=-773/285, 2-12=-319/1041, 3-12=-381/199, 8-10=-379/1215, 5-7=-1407/441, 1-13=-241/879

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 0-1-12 to 1-0-14, Zone2 1-0-14 to 5-3-13, Zone1 5-3-13 to 23-2-2 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.
- 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.
- Bearing at joint(s) 15 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) 14=263, 15=281.

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MiTek Inc. DBA MiTek USA FL Cert 6634
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Date:

February 25,2026

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245556
4894020	T16	Half Hip	1	1	Job Reference (optional)	

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ID:c5BPYmG2qMmDHUQIz6qG6kyTFsm-jgu0vz?kRbkHFI5UQ2uwVni9CoWzKgKv19A6R1zhvtM

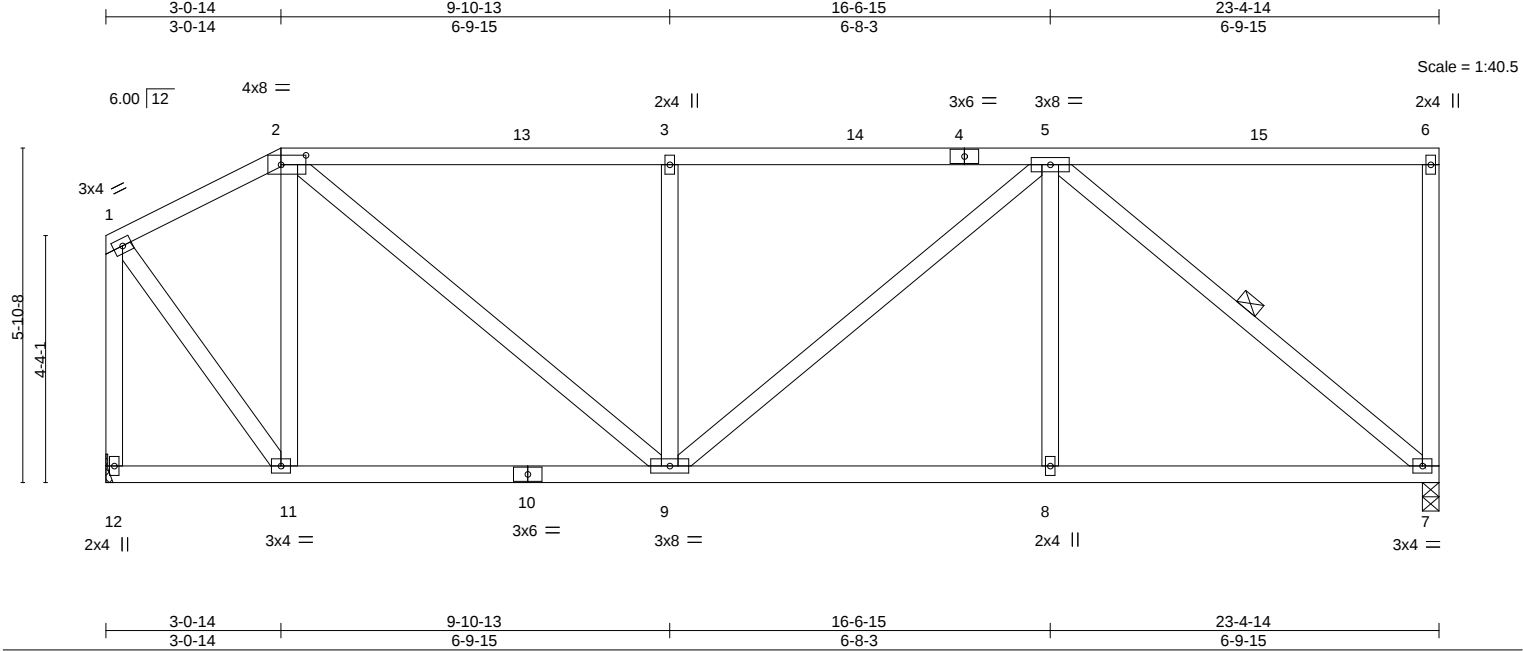


Plate Offsets (X,Y)--		[2:0-5-4,0-2-0]											
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d				PLATES GRIP			
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	-0.06	7-8	>999	240	MT20	244/190	
TCDL	10.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.12	7-8	>999	180			
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.02	7	n/a	n/a			
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS						Weight: 152 lb FT = 20%			

LUMBER-		BRACING-	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-11-13 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	WEBS	1 Row at midpt 5-7
REACTIONS.			
(size) 7=0-3-8, 12=Mechanical			
Max Horz 12=57(LC 12)			
Max Uplift 7=-284(LC 9), 12=-231(LC 9)			
Max Grav 7=925(LC 1), 12=925(LC 1)			
FORCES.			
(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.			
TOP CHORD 1-2=-548/152, 2-3=-991/312, 3-5=-991/312, 1-12=-910/234			
BOT CHORD 9-11=-158/453, 8-9=-261/846, 7-8=-261/846			
WEBS 2-11=-505/193, 2-9=-220/709, 3-9=-429/216, 5-8=0/289, 5-7=-1078/333, 1-11=-198/771			

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 3-0-14, Zone2 3-0-14 to 7-3-13, Zone1 7-3-13 to 23-3-2 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.
- 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) 7=284, 12=231.

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
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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

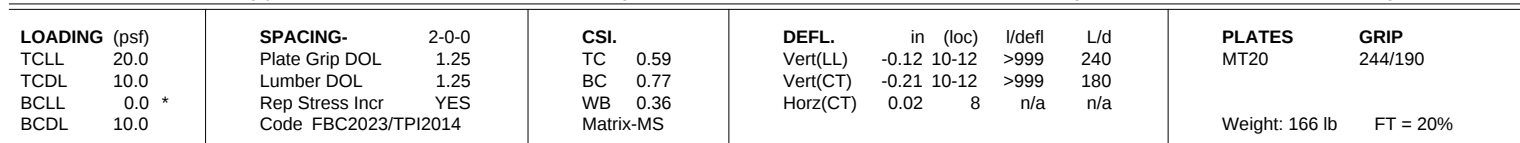
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REACTIONS. (size) 13=Mechanical, 8=0-3-8
Max Horz 13=76(LC 12)
Max Uplift 13=-227(LC 12), 8=-240(LC 8)
Max Grav 13=1023(LC 2), 8=1036(LC 2)

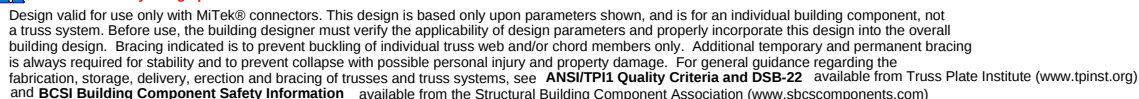
NOTES-

- 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 3-1-12, Zone1 3-1-12 to 5-0-14, Zone2 5-0-14 to 9-3-13, Zone1 9-3-13 to 21-5-6, Zone3 21-5-6 to 23-3-2 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) 13=227. 8=240.

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Date:

February 25, 2026



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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245558
4894020	T18	Hip	1	1	Job Reference (optional)	

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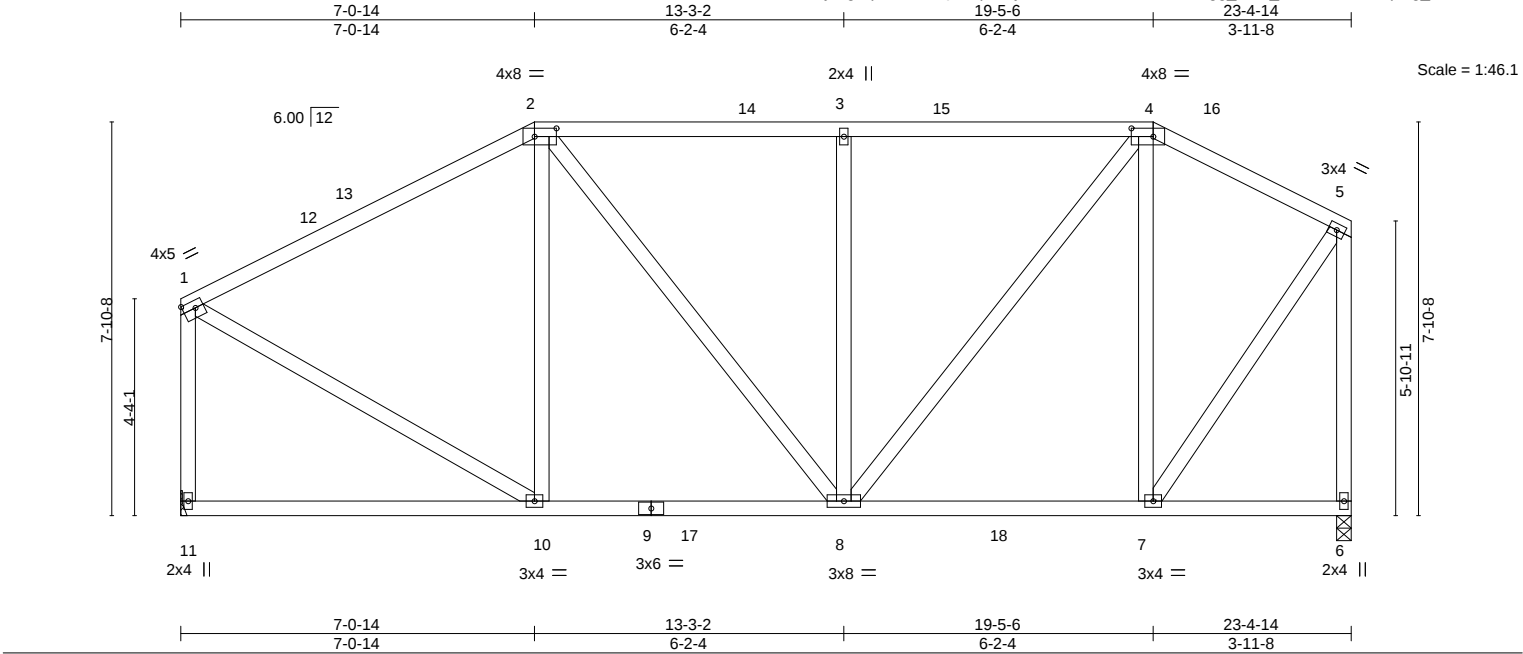


Plate Offsets (X,Y)--	[1:Edge,0-1-12], [2:0-5-4,0-2-0], [4:0-5-4,0-2-0]								
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.71	Vert(LL)	-0.07 10-11	>999	240	MT20	244/190
TCDL 10.0	Lumber DOL	1.25	BC 0.49	Vert(CT)	-0.14 10-11	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.53	Horz(CT)	0.01 6	n/a	n/a		
BCDL 10.0	Code FBC2023/TPI2014		Matrix-MS					Weight: 167 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 4-4-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(size) 11=Mechanical, 6=0-3-8
Max Horz 11=92(LC 12)
Max Uplift 11=-222(LC 12), 6=-216(LC 13)
Max Grav 11=1021(LC 2), 6=1033(LC 2)

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

TOP CHORD 1-2=-865/204, 2-3=-815/226, 3-4=-815/226, 4-5=-566/137, 1-11=-911/239, 5-6=-987/223
BOT CHORD 8-10=-195/703, 7-8=-94/464
WEBS 3-8=-425/217, 4-8=-173/570, 4-7=-477/173, 1-10=-128/770, 5-7=-170/814

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 0-1-12 to 3-1-12, Zone1 3-1-12 to 7-0-14, Zone2 7-0-14 to 11-3-13, Zone1 11-3-13 to 19-5-6, Zone3 19-5-6 to 23-3-2 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.
- 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.
- 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) 11=222, 6=216.

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Philip J. O'Regan PE No.58126
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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245560
4894020	T20	Hip Girder	1	1	Job Reference (optional)	

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 4=-72(F) 5=-72(F) 11=-268(F) 9=-268(F) 16=-117(F) 17=-117(F) 18=-117(F) 19=-63(F) 20=-63(F) 21=-63(F)

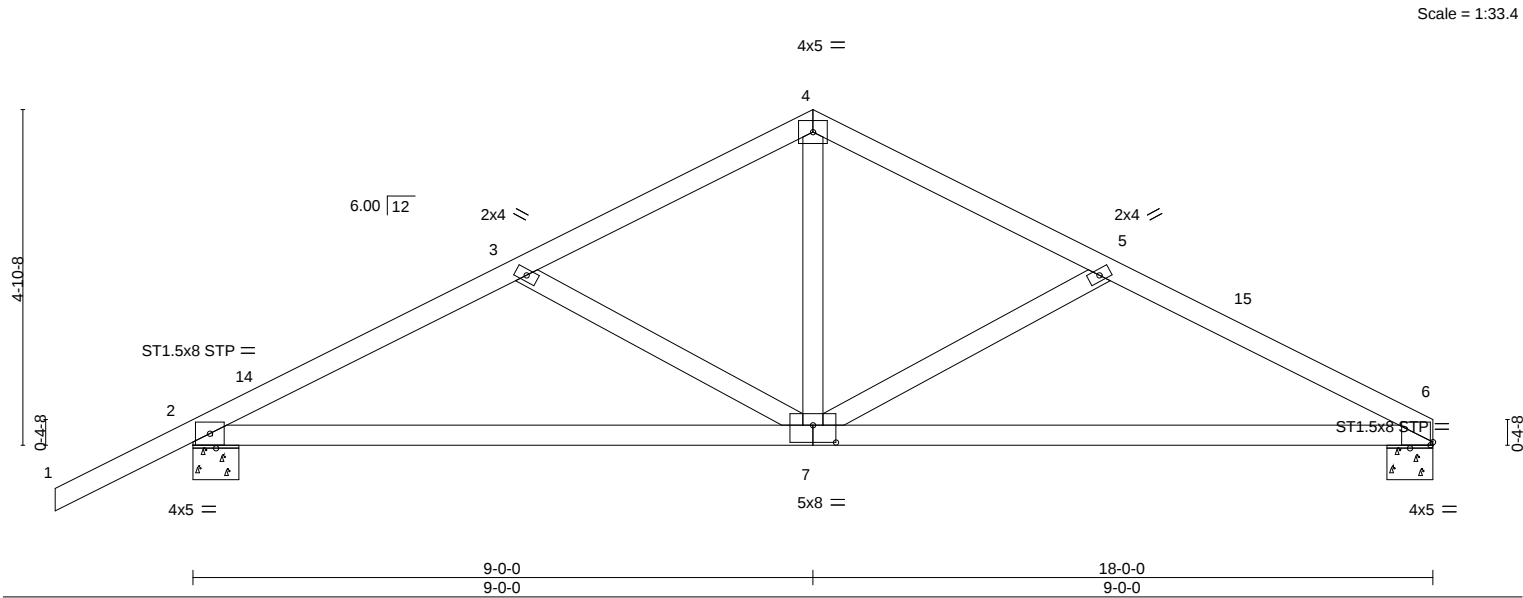
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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245561
4894020	T21	Common	4	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:22 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-8FZ9Y?1dkW7s7mq25ASd7PKjo0URX4fLj7Pm2MzhvtJ



LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCLL	20.0	Plate Grip DOL	1.25	TC	0.36	Vert(LL)	-0.11	MT20	244/190		
TCDL	10.0	Lumber DOL	1.25	BC	0.75	Vert(CT)	-0.23				
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.03				
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MS							
								Weight: 81 lb FT = 20%			

LUMBER-		BRACING-	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 5-0-7 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)	6=0-8-0, 2=0-8-0
Max Horz	2=108(LC 16)
Max Uplift	6=-169(LC 13), 2=-224(LC 12)
Max Grav	6=713(LC 1), 2=847(LC 1)

FORCES.	
(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	2-3=-1169/311, 3-4=-891/237, 4-5=-893/247, 5-6=-1188/323
BOT CHORD	2-7=-267/1014, 6-7=-231/1039
WEBS	4-7=-107/540, 5-7=-354/206, 3-7=-325/190

- 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 -2-0-0 to 1-0-0, Zone1 1-0-0 to 9-0-0, Zone2 9-0-0 to 13-3-12, Zone1 13-3-12 to 18-0-0 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) except (jt=lb) 6=169, 2=224.

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

February 25,2026

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245562
4894020	T22	Common Girder	1	2	Job Reference (optional)	

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

8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:23 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-cR7XIL2FVpFjkvPFftzfdtrIQukGMRVyn8Kaozhvtl



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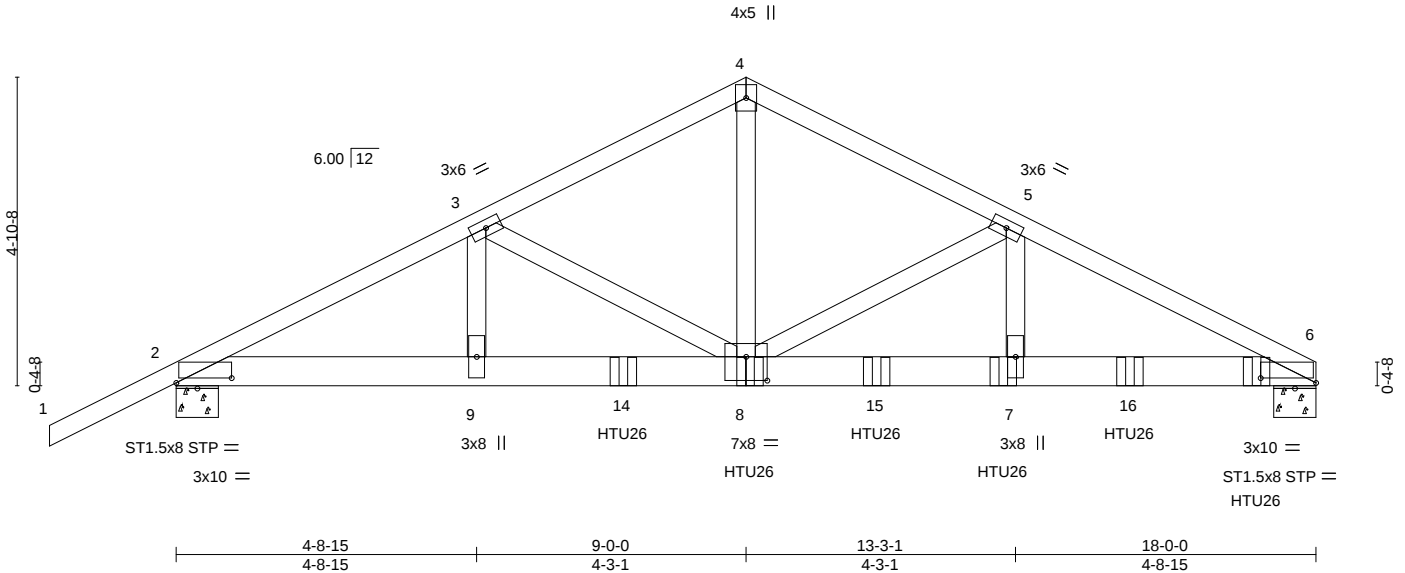


Plate Offsets (X,Y)-- [2:0-10-8,0-0-15], [6:0-10-8,0-0-15], [8:0-4-0,0-4-8]												
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d				PLATES GRIP		
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	0.11	8-9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.20	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.88	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MS							Weight: 202 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP 2400F 2.0E or 2x6 SP M 26
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(size) 6=0-8-0, 2=0-8-0
Max Horz 2=108(LC 12)
Max Uplift 6=1385(LC 9), 2=1118(LC 8)
Max Grav 6=4741(LC 1), 2=3210(LC 1)

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

TOP CHORD 2-3=-6625/2336, 3-4=-5480/1875, 4-5=-5497/1873, 5-6=-7972/2420
BOT CHORD 2-9=-2102/5872, 8-9=-2102/5872, 7-8=-2113/7115, 6-7=-2113/7115
WEBS 4-8=-1569/4597, 5-8=-2721/674, 5-7=-432/2235, 3-8=-1160/581, 3-9=-377/848

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 0-6-0 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.
- 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) 6=1385, 2=1118.
- Use Simpson Strong-Tie HTU26 (20-10d Girder, 20-10dx1 1/2 Truss, Single Ply Girder) or equivalent at 7-0-12 from the left end to connect truss(es) to back face of bottom chord.
- Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss) or equivalent spaced at 2-0-0 oc max. starting at 9-0-12 from the left end to 17-0-12 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

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MiTek Inc. DBA MiTek USA FL Cert 6634
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Date:

February 25,2026

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES
4894020	T22	Common Girder	1	2	T40245562
					Job Reference (optional)

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 4-6=-60, 2-6=-20
Concentrated Loads (lb)
Vert: 8=-901(B) 7=-905(B) 11=-905(B) 14=-1870(B) 15=-905(B) 16=-905(B)

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES
4894020	T23	Hip Girder	1	1	T40245563
Builders FirstSource (Lake City,FL), Lake City, FL - 32055,					Job Reference (optional)

8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:24 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-4dhvzh2tF7NaM3zRDbU6CqP0xp9Y?xxeARut7FzhvtH

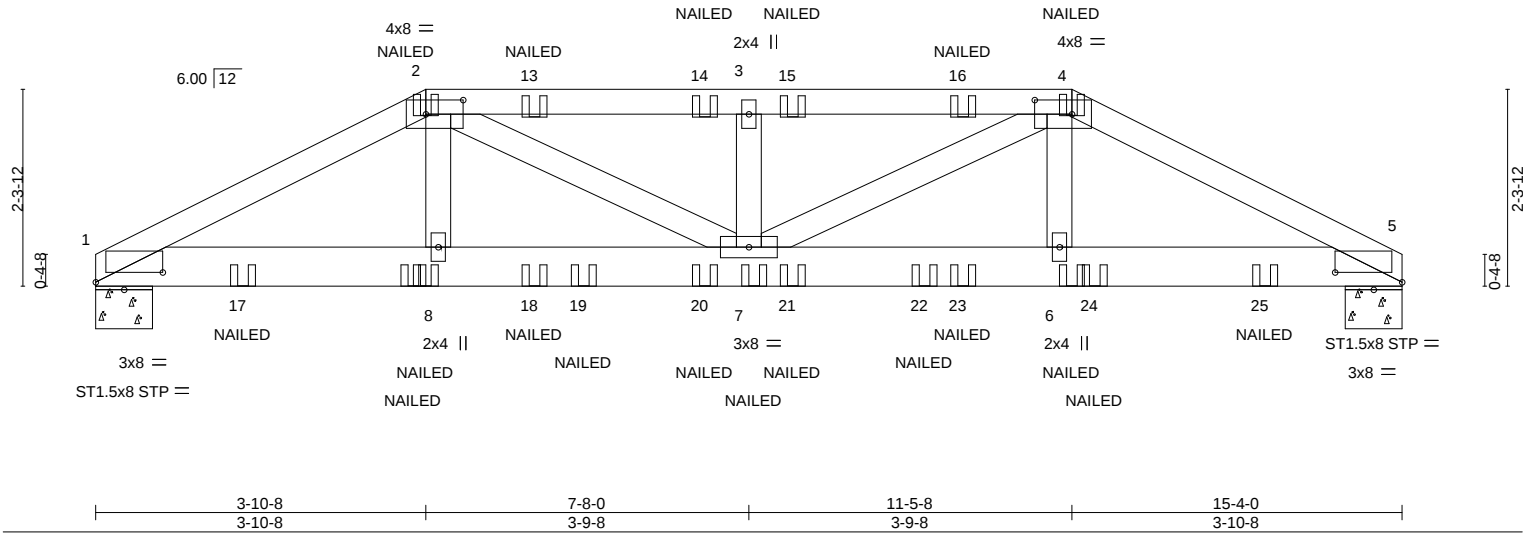
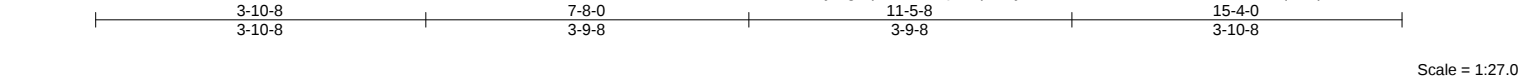


Plate Offsets (X,Y)--		[1:0-9-7,0-1-6], [2:0-5-4,0-2-0], [4:0-5-4,0-2-0], [5:0-9-7,0-1-6]									
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0		Plate Grip DOL 1.25		TC 0.45		Vert(LL) -0.10	7	>999	240	MT20	244/190
TCDL 10.0		Lumber DOL 1.25		BC 0.77		Vert(CT) -0.19	7	>959	180		
BCLL 0.0 *		Rep Stress Incr NO		WB 0.35		Horz(CT) 0.05	5	n/a	n/a		
BCDL 10.0		Code FBC2023/TPI2014		Matrix-MS						Weight: 78 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 2-10-6 oc purlins.
BOT CHORD 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 8-3-10 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS.	(size) 1=0-8-0, 5=0-8-0
	Max Horz 1=-33(LC 37)
	Max Uplift 1=-458(LC 8), 5=-463(LC 9)
	Max Grav 1=1602(LC 1), 5=1625(LC 1)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	1-2=-3031/884, 2-3=-3504/1016, 3-4=-3504/1016, 4-5=-3027/883
BOT CHORD	1-8=-773/2685, 7-8=-786/2738, 6-7=-753/2735, 5-6=-740/2682
WEBS	2-8=-166/708, 2-7=-275/908, 3-7=-303/190, 4-7=-277/912, 4-6=-165/702

- 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; 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.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=458, 5=463.
 - 8) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidelines.
 - 9) 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: 1-2=-60, 2-4=-60, 4-5=-60, 1-5=-20
Concentrated Loads (lb)
Vert: 2=-17(F) 4=-17(F) 8=-257(F=1, B=-258) 7=-258(B) 6=1(F) 13=-25(F) 14=-25(F) 15=-25(F) 16=-25(F) 17=-258(B)
18=-16(F) 19=-258(B) 20=-16(F) 21=-16(F) 22=-258(B) 23=-16(F) 24=-258(B) 25=-258(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:

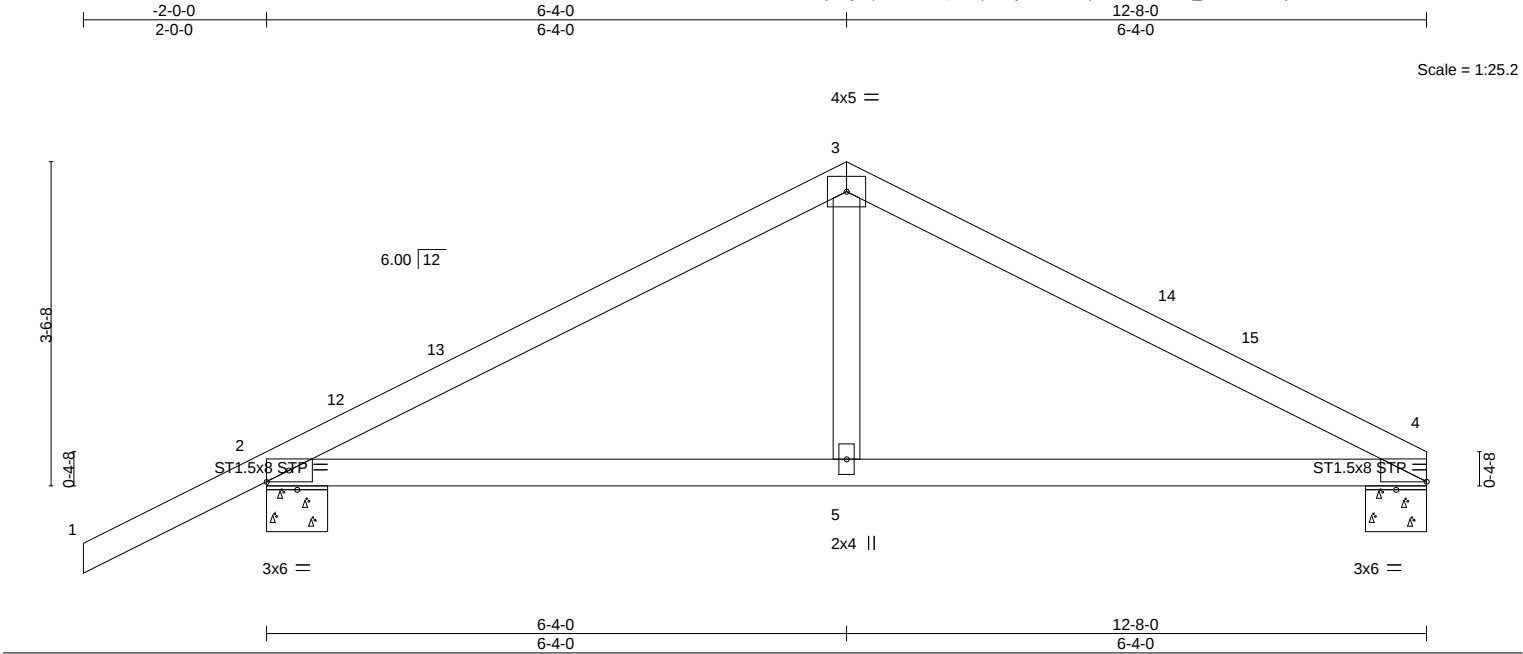
February 25,2026

16023 Swingley Ridge Rd.
Chesterfield, MO 63017
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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245565
4894020	T25	Common	2	1	Job Reference (optional)	

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

8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:25 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-YqFIA13V0RVR_DYdnl?Lk2yB8DZskSsoP5dRfhzhvtG



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 0.48	Vert(LL)	-0.06	5-8	>999	240	MT20
TCDL 10.0	Lumber DOL	1.25	BC 0.45	Vert(CT)	-0.11	5-8	>999	180	244/190
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.11	Horz(CT)	0.01	4	n/a	n/a	
BCDL 10.0	Code FBC2023/TPI2014		Matrix-MS						
								Weight: 48 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 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(size) 4=0-8-0, 2=0-8-0
Max Horz 2=86(LC 16)
Max Uplift 4=-118(LC 13), 2=-174(LC 12)
Max Grav 4=497(LC 1), 2=636(LC 1)

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

TOP CHORD 2-3=-701/243, 3-4=-697/253
BOT CHORD 2-5=-133/558, 4-5=-133/558
WEBS 3-5=-13/294

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 -2-0-0 to 1-0-0, Zone1 1-0-0 to 6-4-0, Zone2 6-4-0 to 10-6-15, Zone1 10-6-15 to 12-8-0 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) except (jt=lb) 4=118, 2=174.

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245566
4894020	T26	Common Girder	1	2	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:25 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-YqFIA13V0RVR_DYdnl?Lk2yEKDTtkkGoP5dRfhzhvtG
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3-4-15 2-11-1 2-11-1 3-4-15
4x5 = Scale = 1:25.5

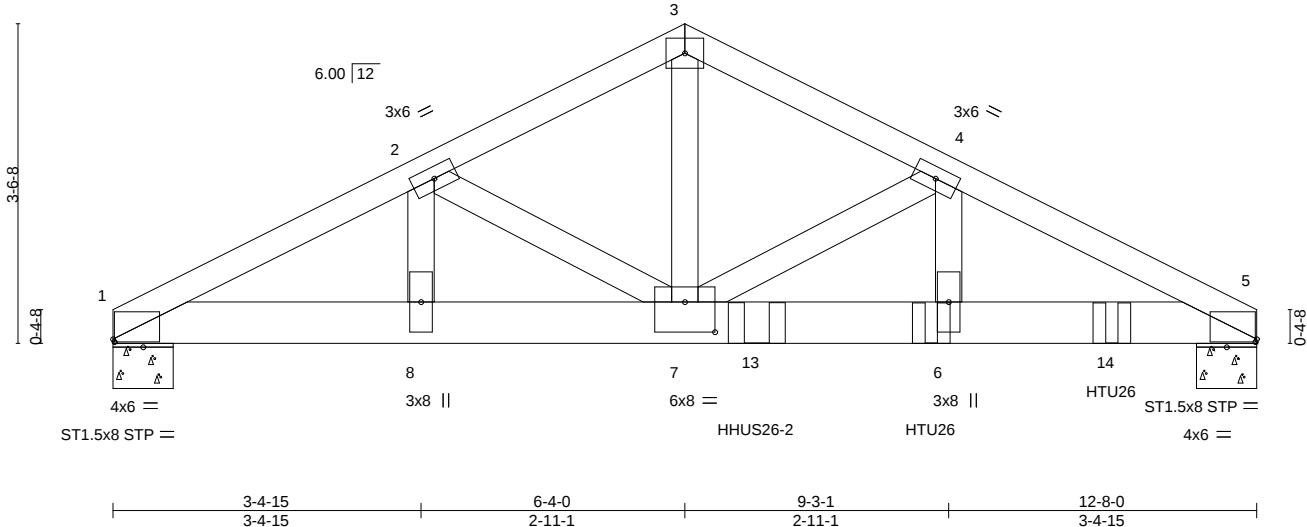


Plate Offsets (X,Y)--		[1:0-0-3,0-0-6], [5:0-0-3,0-0-6], [7:0-4-0,0-4-0]									
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0		Plate Grip DOL 1.25		TC 0.28		Vert(LL) -0.06	6-7	>999	240	MT20	244/190
TCDL 10.0		Lumber DOL 1.25		BC 0.90		Vert(CT) -0.11	6-7	>999	180		
BCLL 0.0 *		Rep Stress Incr NO		WB 0.60		Horz(CT) 0.03	5	n/a	n/a		
BCDL 10.0		Code FBC2023/TPI2014		Matrix-MS						Weight: 136 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-11-2 oc purlins.
BOT CHORD 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (size) 1=0-8-0, 5=0-8-0
Max Horz 1=-53(LC 9)
Max Uplift 1=-631(LC 8), 5=-1093(LC 9)
Max Grav 1=1837(LC 1), 5=3241(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3684/1282, 2-3=-3776/1374, 3-4=-3773/1374, 4-5=-5992/2077
BOT CHORD 1-8=-1156/3271, 7-8=-1156/3271, 6-7=-1819/5348, 5-6=-1819/5348
WEBS 3-7=-1144/3137, 4-7=-2309/805, 4-6=-634/1974, 2-7=-338/321, 2-8=-252/194

- 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 0-5-0 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; 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=631, 5=1093.
 - Use Simpson Strong-Tie HHUS26-2 (14-10d Girder, 6-10d Truss) or equivalent at 7-1-9 from the left end to connect truss(es) to back face of bottom chord.
 - Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss) or equivalent spaced at 2-0-0 oc max. starting at 9-0-12 from the left end to 11-0-12 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

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Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245566
4894020	T26	Common Girder	1	2	Job Reference (optional)	

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-60, 3-5=-60, 1-5=-20
Concentrated Loads (lb)
Vert: 6=-939(B) 13=-2196(B) 14=-930(B)

 **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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Job	Truss	Truss Type	Qty	Ply	DAVID REYES	T40245567
4894020	T27	Roof Special	3	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Jan 22 2026 MiTek Industries, Inc. Tue Feb 24 13:23:26 2026 Page 1
ID:c5BPYmg2qMmDHUQIz6qG6kyTFsm-00pgNN47nkdIbN7qK0WwHFUNzdwxTv5xeIN_B7zhvtF



Scale = 1:25.5

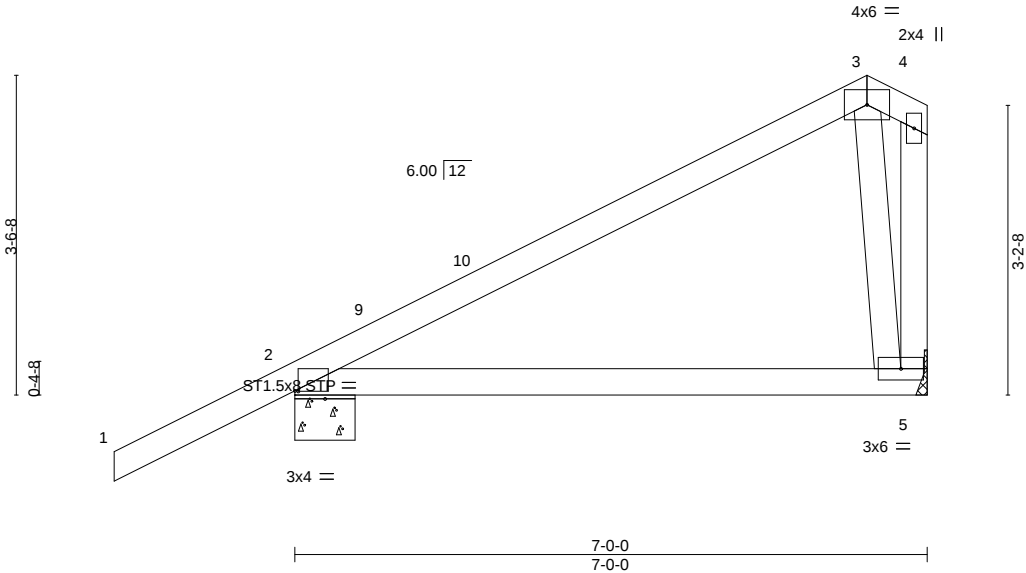


Plate Offsets (X,Y)--		[2:0-0-7,0-0-1]			
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.41	Vert(LL) -0.07 5-8 >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.25	BC 0.39	Vert(CT) -0.15 5-8 >558 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.11	Horz(CT) 0.00 2 n/a n/a		
BCDL 10.0	Code FBC2023/TPI2014	Matrix-MS		Weight: 34 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	

REACTIONS. (size) 2=0-8-0, 5=Mechanical
Max Horz 2=150(LC 12)
Max Uplift 2=-114(LC 12), 5=-92(LC 12)
Max Grav 2=412(LC 1), 5=257(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-5=-337/379

- 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 -2-0-0 to 1-0-0, Zone1 1-0-0 to 6-4-0, Zone3 6-4-0 to 6-10-4 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) Refer to girder(s) for truss to truss connections.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 2=114.

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:

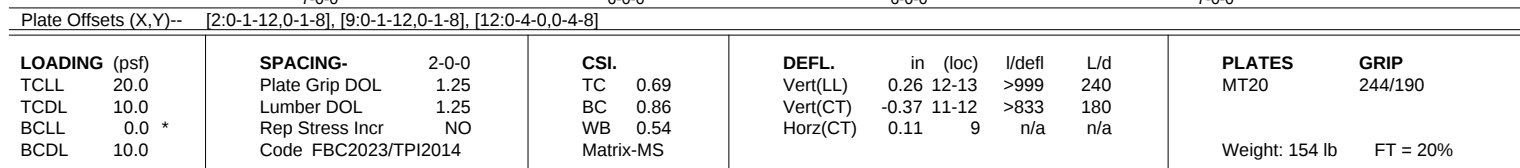
February 25,2026

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ID:c5BPmYg2qMmDHUQiz6qG6kyTFsm-UCN2bj5iY2l8DXi0uj1pqT1UN19xCF4tP6xkZzhvE
| -2-0-0 | 4-0-0 | 7-0-0 | 10-11-12 | 15-0-4 | 19-0-0 | 22-0-0 | 26-0-0 | 28-0-0 |
| 2-0-0 | 4-0-0 | 3-0-0 | 3-11-12 | 4-0-7 | 3-11-12 | 3-0-0 | 4-0-0 | 2-0-0 |
Scale = 1:48



REACTIONS. (size) 2=0-8-0, 9=0-8-0
 Max Horz 2=75(LC 29)
 Max Uplift 2=-1017(LC 5), 9=-1017(LC 4)
 Max Grav 2=2131(LC 1), 9=2131(LC 1)

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

TOP CHORD	2-3=-4082/2074, 3-4=-3897/2056, 4-5=-3513/1884, 5-6=-4342/2320, 6-7=-3512/1884, 7-8=-3897/2056, 8-9=-4082/2074
BOT CHORD	2-13=-1839/3608, 12-13=-2208/4248, 11-12=-2195/4248, 9-11=-1803/3608
WEBS	4-13=-689/1293, 5-13=-1036/566, 5-12=-121/295, 6-12=-121/295, 6-11=-1036/566, 7-11=-689/1293

- 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; porch left and right exposed; 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.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=1017, 9=1017.
 - 8) Use Simpson Strong-Tie SUL26 (6-16d Girder, 6-10dx1 1/2 Truss) or equivalent at 7-0-0 from the left end to connect truss(es) to front face of bottom chord, skewed 45.0 deg.to the left, sloping 0.0 deg. down.
 - 9) Use Simpson Strong-Tie SUR26 (6-10dx1 1/2 Girder, 6-10dx1 1/2 Truss, Single Ply Girder) or equivalent at 19-0-0 from the left end to connect truss(es) to front face of bottom chord, skewed 45.0 deg.to the right, sloping 0.0 deg. down.
 - 10) Fill all nail holes where hanger is in contact with lumber.
 - 11) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidelines.
 - 12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
- This item has been digitally signed and sealed by O'Regan, Philip, R 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.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25 Plate Increase=1.25

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Date:

February 25, 2026

Continued on page 2



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Job	Truss	Truss Type	Qty	Ply	DAVID REYES
4894020	T28	Hip Girder	1	1	T40245568
Job Reference (optional)					

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-4=-60, 4-7=-60, 7-10=-60, 2-9=-20

Concentrated Loads (lb)

Vert: 4=-72(F) 7=-72(F) 12=-63(F) 13=-268(F) 5=-117(F) 6=-117(F) 11=-268(F) 18=-117(F) 19=-117(F) 20=-117(F) 21=-117(F) 22=-117(F) 23=-63(F) 24=-63(F) 25=-63(F) 26=-63(F) 27=-63(F) 28=-63(F)

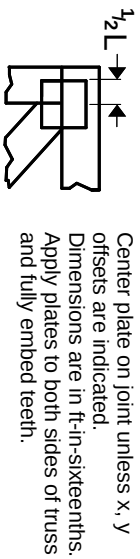
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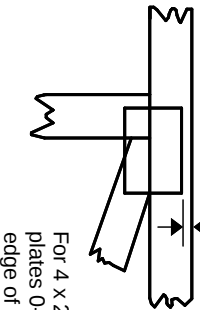
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Symbols

PLATE LOCATION AND ORIENTATION



0- $\frac{1}{16}$ "



For 4 x 2 orientation, locate plates 0- $\frac{1}{16}$ " from outside edge of truss.

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

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

PLATE SIZE

4 X 4

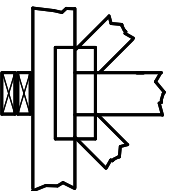
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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/TP1.1: 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

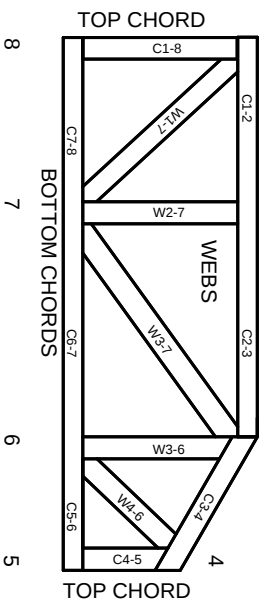
6-4-8 dimensions shown in ft-in-sixteenths (Drawings not to scale)

1

2

3 Joint ID typ.

TOP CHORDS



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/TP1 1 section 6.3. These truss designs rely on lumber values established by others.

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MITek Engineering Reference Sheet: MIL-7473 rev. 1/12/2023

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 I 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/TP1 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TP1 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/TP1 1 Quality Criteria.
21. The design does not take into account any dynamic or other loads other than those expressly stated.