



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

RE: 3981055 - REED MCDANIEL - WENDY JARVIS

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

Site Information:

Customer Info: REED MCDANIEL CONST. Project Name: Wendy Jarvis Model: Addition
Lot/Block: N/A Subdivision: N/A
Address: TBD, TBD
City: Columbia Cty State: FL

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

Name: License #:
Address: State:
City:

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

Design Code: FBC2023/TPI2014 Design Program: MiTek 20/20 8.7
Wind Code: ASCE 7-22 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 18 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	T33528799	CJ01	4/12/24	15	T33528813	V06	4/12/24
2	T33528800	CJ03	4/12/24	16	T33528814	V07	4/12/24
3	T33528801	CJ05	4/12/24	17	T33528815	V08	4/12/24
4	T33528802	EJ01	4/12/24	18	T33528816	V09	4/12/24
5	T33528803	EJ02	4/12/24				
6	T33528804	EJ03	4/12/24				
7	T33528805	EJ04	4/12/24				
8	T33528806	HJ10	4/12/24				
9	T33528807	T01	4/12/24				
10	T33528808	V01	4/12/24				
11	T33528809	V02	4/12/24				
12	T33528810	V03	4/12/24				
13	T33528811	V04	4/12/24				
14	T33528812	V05	4/12/24				



This item has been digitally signed and sealed by O'Regan, Philip, PE on the date adjacent to the seal.

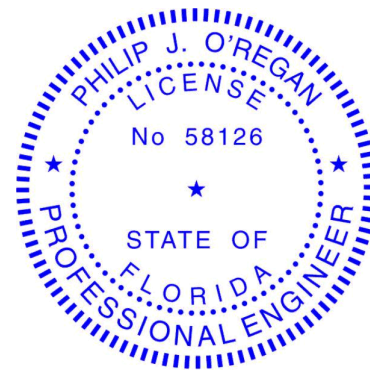
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The truss drawing(s) referenced above have been prepared by
MiTek USA, Inc. under my direct supervision based on the parameters
provided by Builders FirstSource-Lake City, FL.

Truss Design Engineer's Name: O'Regan, Philip

My license renewal date for the state of Florida is February 28, 2025.

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.



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

April 12, 2024

O'Regan, Philip

1 of 1

Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS
3981055	CJ01	Jack-Open	4	1	T33528799

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

8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:14 2024 Page 1
ID:cLQQfHVaOLGzEOHNaZzGxbyTax0-Lk5iPwIm6mxoXxTHF0mTMZyq4OryCK9pFNxb5zRIsF

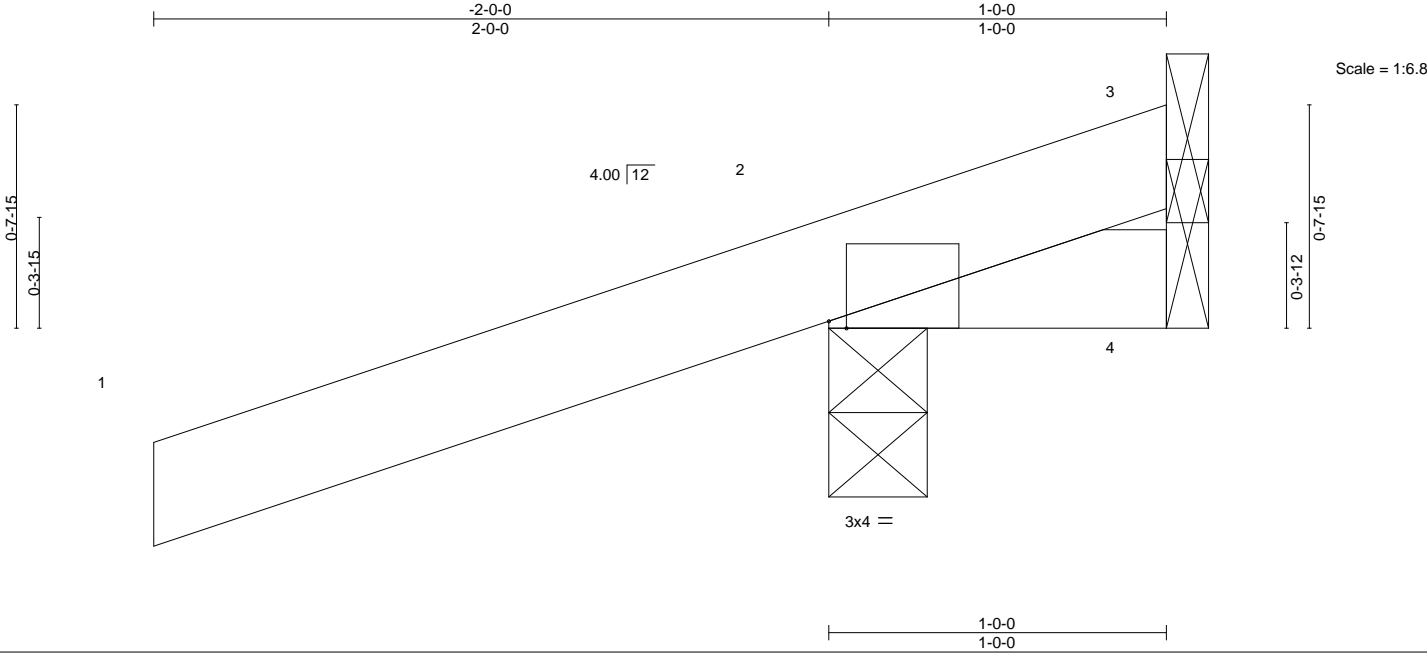


Plate Offsets (X,Y)--		[2:0-0-10,Edge]									
LOADING	(psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC 0.33	Vert(LL)	0.00	5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC 0.04	Vert(CT)	0.00	5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MP						Weight: 6 lb	FT = 20%

LUMBER-		BRACING-	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 1-0-0 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=0-3-8, 4=Mechanical
Max Horz 2=47(LC 8)
Max Uplift 3=-17(LC 1), 2=-193(LC 8), 4=-55(LC 1)
Max Grav 3=24(LC 8), 2=254(LC 1), 4=59(LC 8)

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

- NOTES-**
- 1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 zone;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 17 lb uplift at joint 3, 193 lb uplift at joint 2 and 55 lb uplift at joint 4.

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

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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

April 12,2024

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	REED MCDANIEL - WENDY JARVIS	T33528800
3981055	CJ03	Jack-Open	4	1	Job Reference (optional)	

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

8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:14 2024 Page 1
ID:cLQQfHVaoLGzE0HNazGxbyTax0-Lk5iPwlm6mxoXxTHF0mTMZyqz4OZyCK9pFNxb5zRIsF

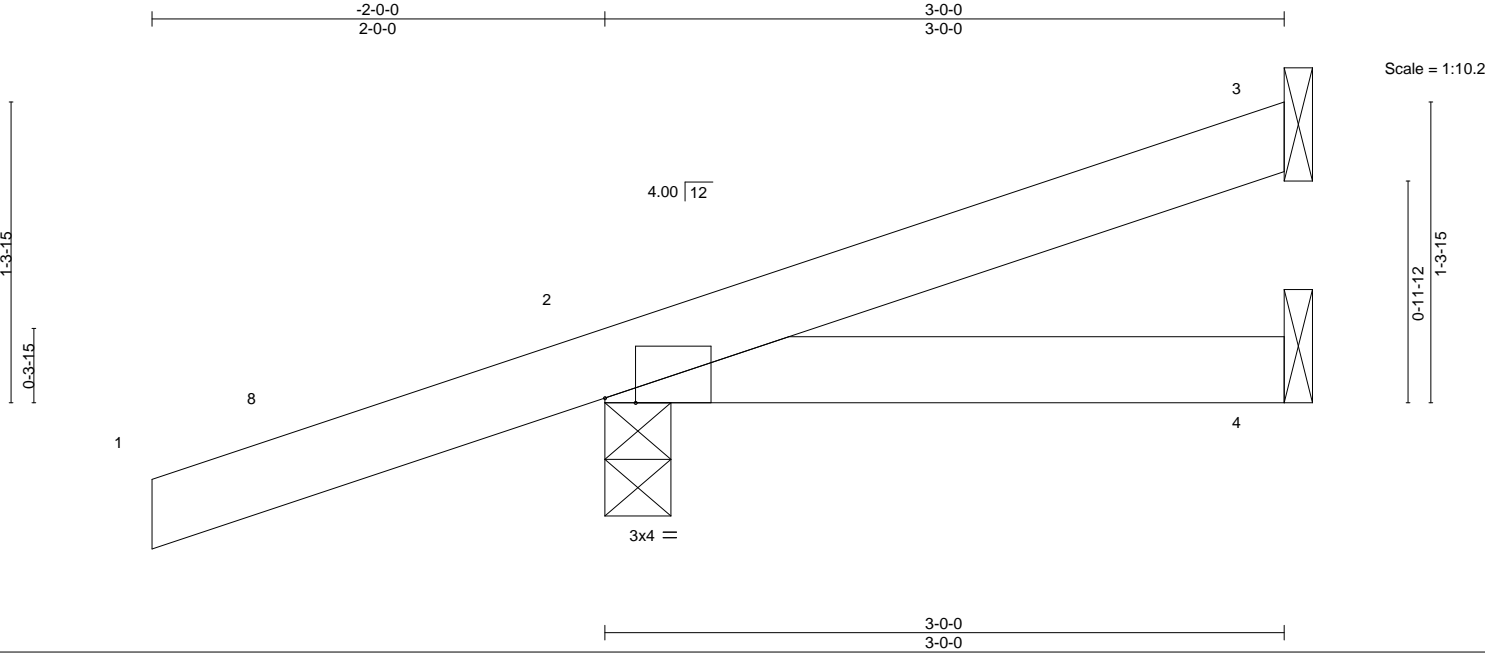


Plate Offsets (X,Y)-- [2:0-1-10,Edge]											
LOADING	(psf)	SPACING-		CSL		DEFL.	in	(loc)	I/defl	L/d	PLATES
TCLL	20.0	Plate Grip DOL	1.25	TC	0.33	Vert(LL)	-0.00	7	>999	240	MT20
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.00	4-7	>999	180	GRIP
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a	244/190
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MP							Weight: 12 lb
											FT = 20%

LUMBER-		BRACING-	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 3-0-0 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=0-3-8, 4=Mechanical
Max Horz 2=72(LC 8)
Max Uplift 3=-28(LC 12), 2=-148(LC 8)
Max Grav 3=50(LC 1), 2=253(LC 1), 4=46(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 0-9-12, Zone1 0-9-12 to 2-11-4 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 28 lb uplift at joint 3 and 148 lb uplift at joint 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:

April 12,2024

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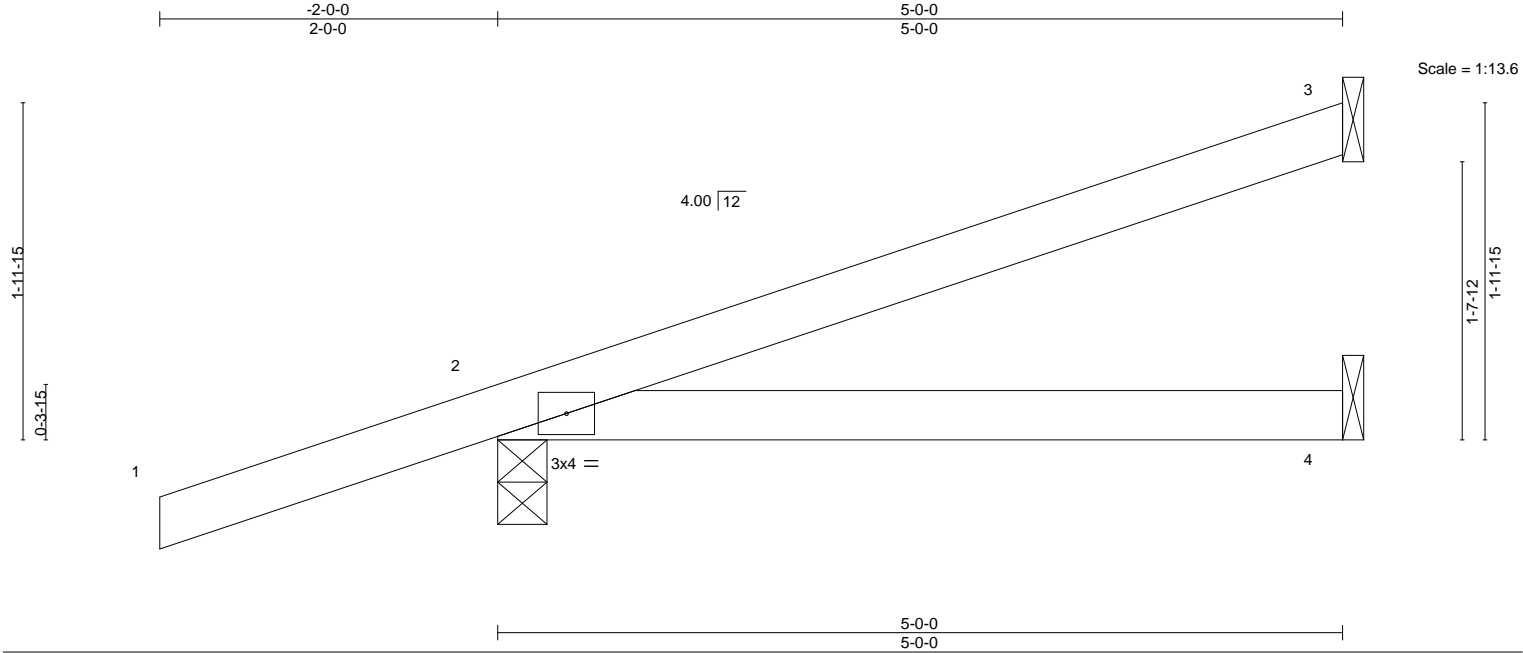
MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS
3981055	CJ05	Jack-Open	4	1	T33528801

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

8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:14 2024 Page 1

ID:cLQQfHVaOLGzE0HNaZzGxbyTax0-Lk5iPwIm6mxoXxTHF0mTMZyqz4L9yCK9pFNxb5zRIsF



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 2-0-0 1.25	TC 0.33	Vert(LL) 0.03	4-7	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.22	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=0-3-8, 4=Mechanical
Max Horz 2=98(LC 8)	
Max Uplift 3=-61(LC 12), 2=-154(LC 8)	
Max Grav 3=107(LC 1), 2=313(LC 1), 4=85(LC 3)	

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
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- 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 -2-0-0 to 0-9-12, Zone1 0-9-12 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 61 lb uplift at joint 3 and 154 lb uplift at joint 2.

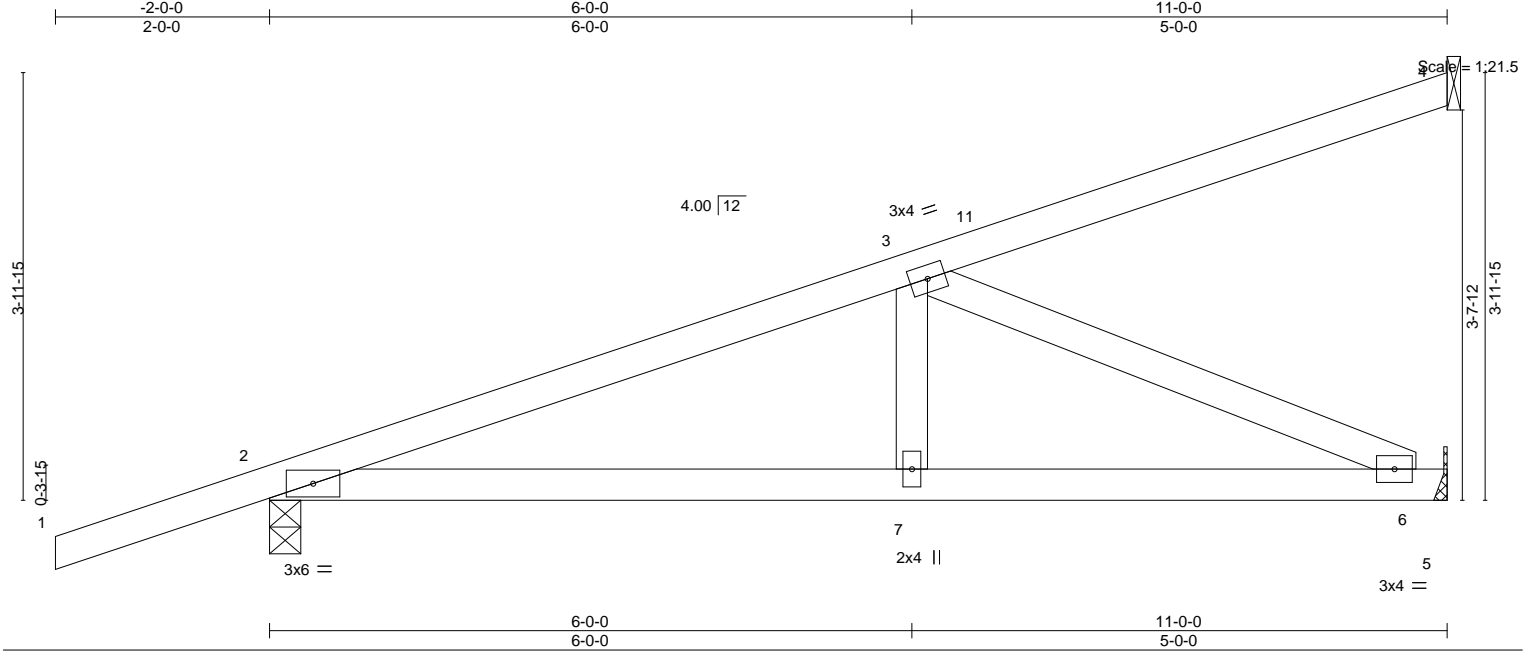
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Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

April 12,2024

Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS	T33528802
3981055	EJ01	Jack-Partial	11	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:15 2024 Page 1
ID:cLQQfHvaoLGzEOHNaZzGxbyTax0-pxf4dGI0t34f952TpkHiumV07Tf6harJ2v747XzRIsE



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.30	Vert(LL)	-0.03	7-10	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.36	Vert(CT)	-0.07	7-10	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.37	Horz(CT)	0.01	5	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-MS					Weight: 47 lb	FT = 20%
	Code FBC2023/TPI2014							

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.
WEBS 2x4 SP No.3	

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical
Max Horz 2=175(LC 8)
Max Uplift 4=67(LC 8), 2=203(LC 8), 5=81(LC 8)
Max Grav 4=102(LC 1), 2=523(LC 1), 5=293(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-703/204
BOT CHORD 2-7=-317/632, 6-7=-317/632
WEBS 3-7=0/266, 3-6=-688/345

- 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 0-9-12, Zone1 0-9-12 to 10-11-4 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) Refer to girder(s) for truss to truss connections.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 67 lb uplift at joint 4, 203 lb uplift at joint 2 and 81 lb uplift at joint 5.

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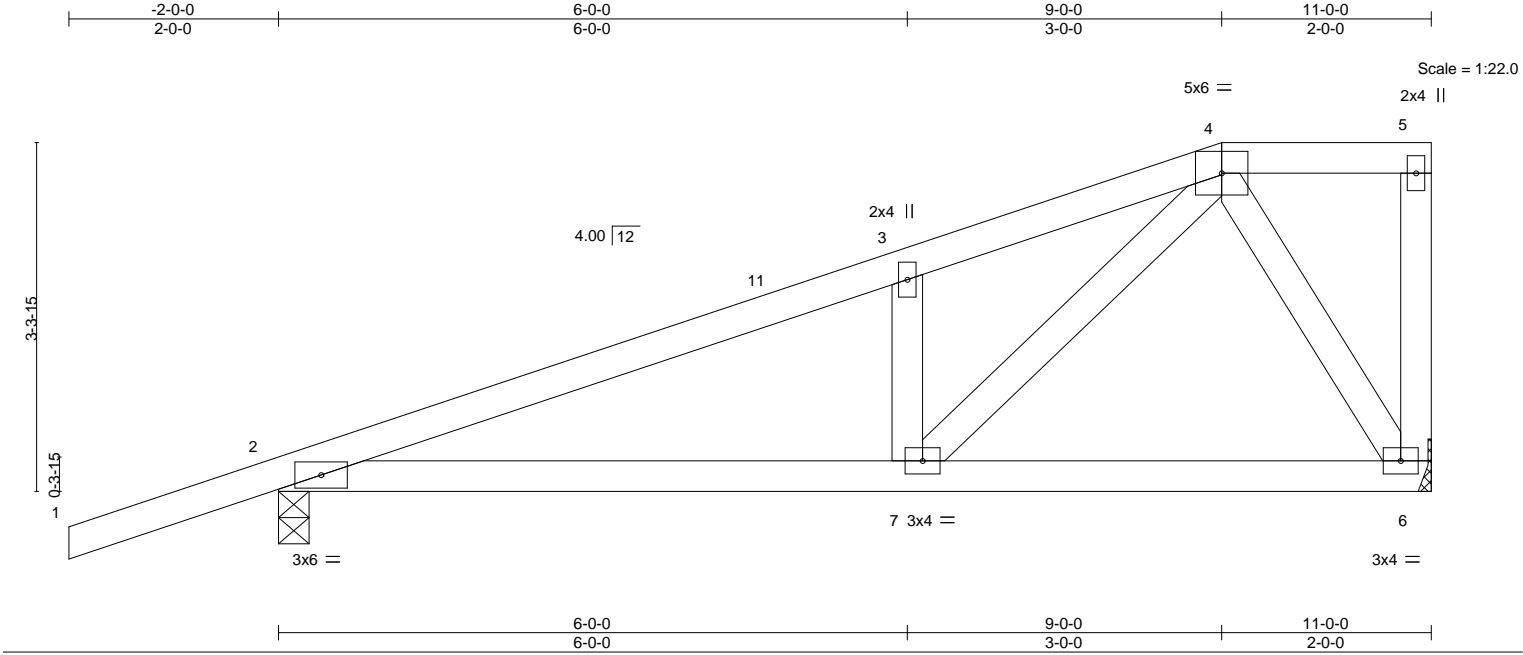
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MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

April 12,2024

Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS	T33528803
3981055	EJ02	Jack-Open	2	1	Job Reference (optional)	

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

8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:15 2024 Page 1
ID:cLQQfHVaoLGzEOHNaZzGxbyTax0-pxf4dGIOT34f952TpkHiumV0iTiRhc6J2v747XzRIsE



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 2-0-0	TC 0.26	Vert(LL) -0.03	7-10	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.34	Vert(CT) -0.07	7-10	>999	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.22	Horz(CT) 0.01	6	n/a	n/a		
BCDL 10.0	Code FBC2023/TPI2014	Matrix-MS					Weight: 54 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.
WEBS 2x4 SP No.3	

REACTIONS. (size) 2=0-3-8, 6=Mechanical
Max Horz 2=150(LC 8)
Max Uplift 2=-210(LC 8), 6=-139(LC 8)
Max Grav 2=520(LC 1), 6=392(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-672/246, 3-4=-671/326
BOT CHORD 2-7=-326/600
WEBS 4-6=-365/238, 3-7=-275/229, 4-7=-288/583

- 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 0-9-12, Zone1 0-9-12 to 9-0-0, Zone3 9-0-0 to 10-10-4 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 210 lb uplift at joint 2 and 139 lb uplift at joint 6.

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:

April 12, 2024

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

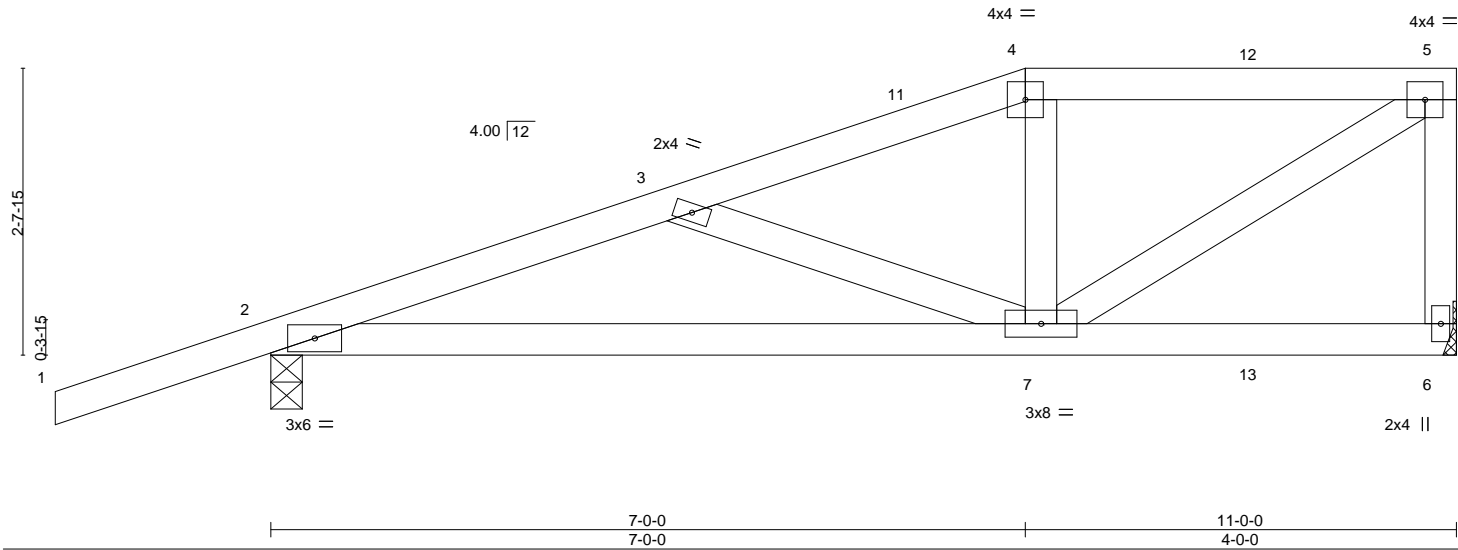
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Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS	T33528804
3981055	EJ03	Jack-Closed Girder	2	1	Job Reference (optional)	

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

8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:16 2024 Page 1
ID:cLQQfHVaOLGzEOHNaZzGxbyTax0-H7DSqcJ0eNCVnFdgNRoxR_29Dtz4Q0gSHZsdfzRIsD



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 2-0-0	TC 0.41	Vert(LL) -0.05	7-10	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.51	Vert(CT) -0.11	7-10	>999	180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.39	Horz(CT) 0.01	6	n/a	n/a		
BCDL 10.0	Code FBC2023/TPI2014	Matrix-MS					Weight: 54 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 5-1-15 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 9-6-13 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (size) 6=Mechanical, 2=0-3-8
Max Horz 2=125(LC 4)
Max Uplift 6=-237(LC 4), 2=-259(LC 4)
Max Grav 6=786(LC 1), 2=680(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1246/345, 3-4=-990/258, 4-5=-911/256, 5-6=-723/246
BOT CHORD 2-7=-379/1168
WEBS 3-7=-271/173, 5-7=-287/1036

- 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) Provide adequate drainage to prevent water ponding.
 - 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 237 lb uplift at joint 6 and 259 lb uplift at joint 2.
 - 8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 105 lb down and 100 lb up at 7-0-0, and 105 lb down and 100 lb up at 9-1-13 on top chord, and 293 lb down and 71 lb up at 7-0-0, and 83 lb down at 9-1-13 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 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: 1-4=-54, 4-5=-54, 6-8=-20
Concentrated Loads (lb)
Vert: 4=-105(F) 7=-282(F) 12=-105(F) 13=-62(F)

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:

April 12,2024

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Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS
3981055	EJ04	Jack-Partial	4	1	T33528805

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

8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:16 2024 Page 1

ID:cLQQfHVaoLGzE0HNaZzGxbyTax0-H7DSqcJ0eNCVnFdgNRoxR_26RtzSQ6qSHZsdfzRIsD

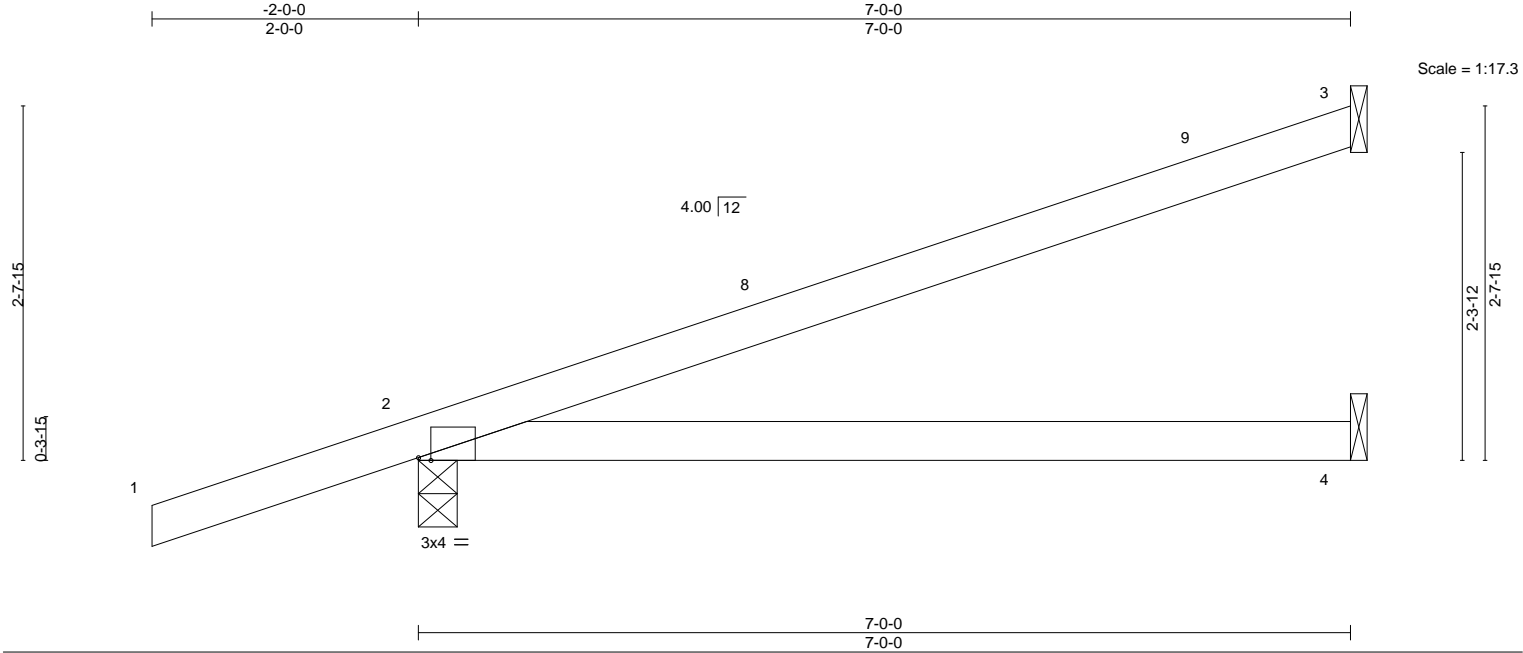


Plate Offsets (X,Y)-- [2:0-1-2,Edge]											
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.		in (loc)		I/defl	
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	0.10	4-7	>794	L/d	240
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.20	4-7	>412		180
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a		n/a
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MS							
										PLATES GRIP	
										MT20 244/190	
										Weight: 25 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=0-3-8, 4=Mechanical
Max Horz 2=124(LC 8)
Max Uplift 3=-89(LC 8), 2=-169(LC 8)
Max Grav 3=159(LC 1), 2=380(LC 1), 4=123(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 0-9-12, Zone1 0-9-12 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 89 lb uplift at joint 3 and 169 lb uplift at joint 2.

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

April 12,2024

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Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS	T33528806
3981055	HJ10	Diagonal Hip Girder	2	1	Job Reference (optional)	

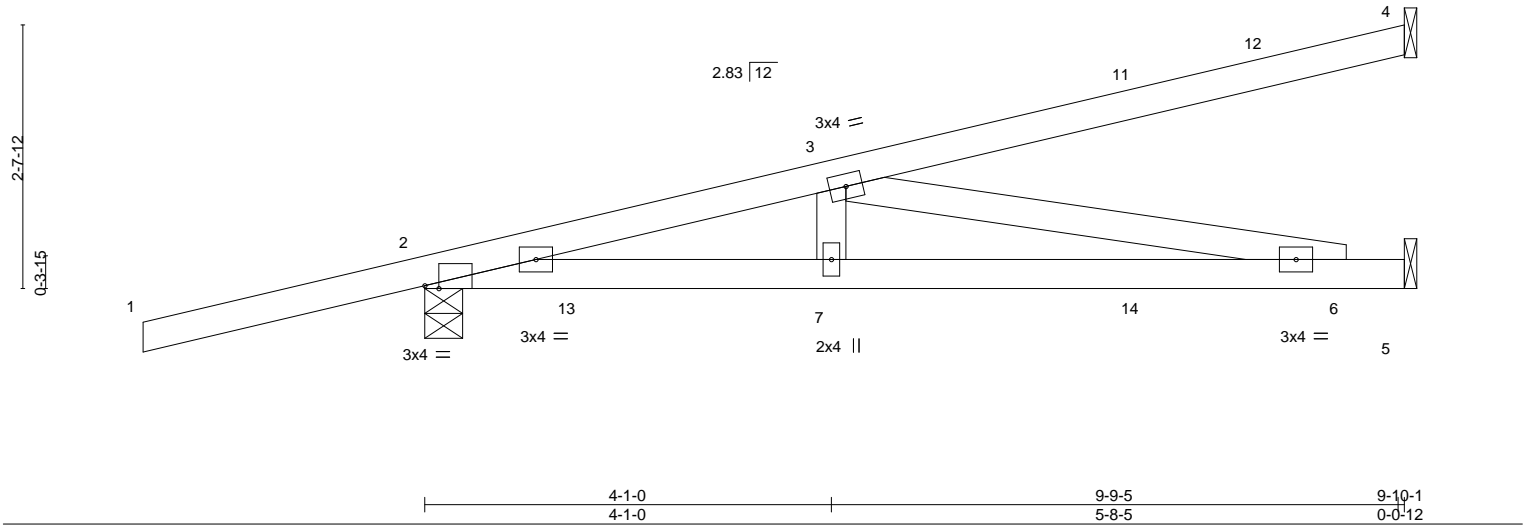
Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:17 2024 Page 1

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Scale = 1:23.1



LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCLL	20.0	Plate Grip DOL	1.25	TC	0.69	Vert(LL)	-0.09	MT20		244/190	
TCDL	7.0	Lumber DOL	1.25	BC	0.81	Vert(CT)	-0.20				
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.57	Horz(CT)	0.01				
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MS							
								Weight: 43 lb		FT = 20%	

LUMBER-		BRACING-	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 5-6-1 oc purlins.
BOT CHORD	2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 9-10-15 oc bracing.
WEBS	2x4 SP No.3		

REACTIONS. (size) 4=Mechanical, 2=0-4-9, 5=Mechanical
Max Horz 2=120(LC 4)
Max Uplift 4=-81(LC 4), 2=-264(LC 4), 5=-44(LC 8)
Max Grav 4=164(LC 1), 2=516(LC 1), 5=267(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1026/289
BOT CHORD 2-7=-347/984, 6-7=-347/984
WEBS 3-7=0/269, 3-6=-1002/353

- 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 81 lb uplift at joint 4, 264 lb uplift at joint 2 and 44 lb uplift at joint 5.
 - 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 21 lb down and 33 lb up at 4-4-0, 21 lb down and 33 lb up at 4-4-0, and 43 lb down and 71 lb up at 7-1-15, and 43 lb down and 71 lb up at 7-1-15 on top chord, and 20 lb down and 46 lb up at 1-6-1, 20 lb down and 46 lb up at 1-6-1, 24 lb down and 1 lb up at 4-4-0, 24 lb down and 1 lb up at 4-4-0, and 36 lb down at 7-1-15, and 36 lb down at 7-1-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 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: 1-4=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 7=1(F=1, B=1) 11=-60(F=-30, B=-30) 13=59(F=30, B=30) 14=-52(F=-26, B=-26)

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

April 12,2024

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Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS
3981055	T01	Hip Girder	1	2	T33528807

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

8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:19 2024 Page 2
ID:cLQQfHVaoLGzE0HNaZzGxbyTax0-iivbSdLvXla4eiME2ZMe3cgaX5?ndKVuzX5HGizRIsA

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 67 lb down and 70 lb up at 11-0-0, 48 lb down and 70 lb up at 13-0-12, 48 lb down and 70 lb up at 15-0-12, 48 lb down and 70 lb up at 17-0-12, 48 lb down and 70 lb up at 19-0-12, 48 lb down and 64 lb up at 20-6-0, 48 lb down and 70 lb up at 21-11-4, 48 lb down and 70 lb up at 23-11-4, 48 lb down and 70 lb up at 25-11-4, and 48 lb down and 70 lb up at 27-11-4, and 67 lb down and 70 lb up at 30-0-0 on top chord, and 766 lb down and 260 lb up at 7-0-12, 372 lb down and 159 lb up at 9-0-12, 273 lb down and 101 lb up at 11-0-12, 273 lb down and 101 lb up at 13-0-12, 273 lb down and 101 lb up at 15-0-12, 273 lb down and 101 lb up at 17-0-12, 273 lb down and 101 lb up at 19-0-12, 273 lb down and 101 lb up at 20-6-0, 273 lb down and 101 lb up at 21-11-4, 273 lb down and 101 lb up at 23-11-4, 273 lb down and 101 lb up at 25-11-4, 273 lb down and 101 lb up at 27-11-4, 273 lb down and 101 lb up at 29-11-4, and 372 lb down and 159 lb up at 31-11-4, and 766 lb down and 260 lb up at 33-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-4=-54, 4-8=-54, 8-10=-54, 2-10=-20

Concentrated Loads (lb)

Vert: 4=-48(B) 8=-48(B) 16=-273(B) 6=-48(B) 14=-273(B) 12=-273(B) 22=-48(B) 23=-48(B) 24=-48(B) 25=-48(B) 26=-48(B) 27=-48(B) 28=-48(B) 29=-48(B) 30=-766(B) 31=-372(B) 32=-273(B) 33=-273(B) 34=-273(B) 35=-273(B) 36=-273(B) 37=-273(B) 38=-273(B) 39=-273(B) 40=-372(B) 41=-766(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	REED MCDANIEL - WENDY JARVIS	T33528808
3981055	V01	GABLE	1	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:20 2024 Page 1
ID:cLQQfHVaoLGzE0HNaZzGxbyTax0-AuTzgzMXicixFsxRcHttbqCp7ULdMvc2BBqrolzRls9
11-9-2 26-9-2 38-6-4
11-9-2 15-0-0 11-9-2

Scale = 1:62.9

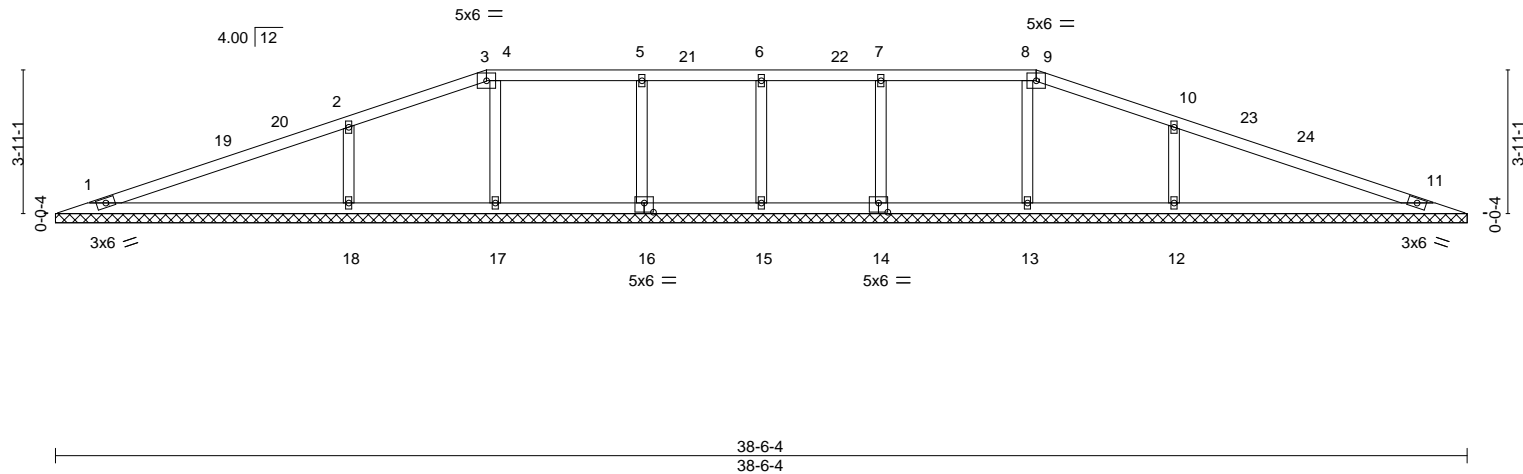


Plate Offsets (X,Y)--		[2:0-0-0,0-0-0], [14:0-3-0,0-3-0], [16:0-3-0,0-3-0]									
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0		Plate Grip DOL 1.25		TC 0.54		Vert(LL)	n/a -	n/a	999	MT20	244/190
TCDL 7.0		Lumber DOL 1.25		BC 0.40		Vert(CT)	n/a -	n/a	999		
BCLL 0.0 *		Rep Stress Incr YES		WB 0.08		Horz(CT)	0.00 11	n/a	n/a		
BCDL 10.0		Code FBC2023/TPI2014		Matrix-S						Weight: 144 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 6-0-0 oc bracing.
OTHERS	2x4 SP No.3		

REACTIONS. All bearings 38-6-4.
(lb) - Max Horz 1=-61(LC 17)
Max Uplift All uplift 100 lb or less at joint(s) 1, 11, 15, 13, 17 except 12=-207(LC 13), 14=-105(LC 13), 18=-207(LC 12), 16=-104(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 11, 15, 13, 17 except 12=535(LC 1), 14=307(LC 1), 18=535(LC 1), 16=307(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 10-12=-378/235, 2-18=-378/235

- 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 0-11-5 to 4-9-6, Zone1 4-9-6 to 11-9-2, Zone2 11-9-2 to 17-2-4, Zone1 17-2-4 to 26-9-2, Zone2 26-9-2 to 32-2-4, Zone1 32-2-4 to 37-6-15 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.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 11, 15, 13, 17 except (jt=lb) 12=207, 14=105, 18=207, 16=104.

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

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Date:

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Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS
3981055	V02	GABLE	1	1	T33528809

Builders FirstSource (Lake City,FL),	Lake City, FL - 32055,	8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:20 2024 Page 1
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11-9-2	11-0-0	34-6-4
		11-9-2

Scale = 1:56.2

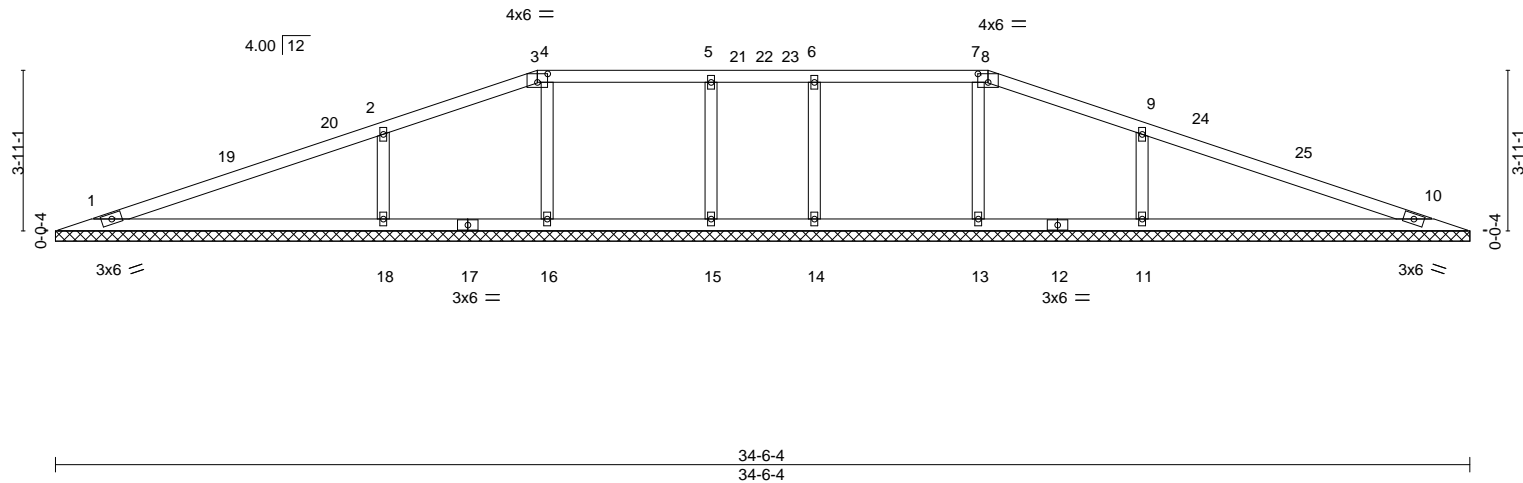


Plate Offsets (X,Y)--		[2:0-0-0,0-0-0], [3:0-3-0,0-2-8], [8:0-3-0,0-2-8]	
LOADING (psf)	SPACING-	2-0-0	CSI.
TCLL 20.0	Plate Grip DOL	1.25	TC 0.54
TCDL 7.0	Lumber DOL	1.25	BC 0.40
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.08
BCDL 10.0	Code	FBC2023/TPI2014	Matrix-S
			DEFL.
			in (loc) l/defl L/d
			Vert(LL) n/a - n/a 999
			Vert(CT) n/a - n/a 999
			Horz(CT) 0.00 10 n/a n/a
			PLATES GRIP
			MT20 244/190
			Weight: 128 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 6-0-0 oc bracing.
OTHERS 2x4 SP No.3	

REACTIONS.	All bearings 34-6-4.
(lb) - Max Horz	1=61(LC 13)
Max Uplift	All uplift 100 lb or less at joint(s) 1, 10, 13, 14, 16, 15 except 11=207(LC 13), 18=207(LC 12)
Max Grav	All reactions 250 lb or less at joint(s) 1, 10, 13, 16 except 11=534(LC 26), 14=255(LC 26), 18=534(LC 25), 15=255(LC 25)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS	9-11=377/235, 2-18=377/235

- 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 0-11-5 to 4-4-9, Zone1 4-4-9 to 11-9-2, Zone2 11-9-2 to 16-7-8, Zone1 16-7-8 to 22-9-2, Zone2 22-9-2 to 27-7-8, Zone1 27-7-8 to 33-6-15 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) All plates are 2x4 MT20 unless otherwise indicated.
 - 6) Gable requires continuous bottom chord bearing.
 - 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 10, 13, 14, 16, 15 except (jt=lb) 11=207, 18=207.

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:

April 12,2024

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Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS
3981055	V03	GABLE	1	1	T33528810

Builders FirstSource (Lake City,FL),	Lake City, FL - 32055,	8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:21 2024 Page 1
11-9-2	11-9-2	ID:cLQQfHVaoLGzEOHNaZzGxbyTax0-e40LtJN9Tvgot0WdA_O681l_uuhs5MrBQraOLBzRls8
18-9-2	7-0-0	30-6-4
11-9-2		11-9-2

Scale = 1:49.7

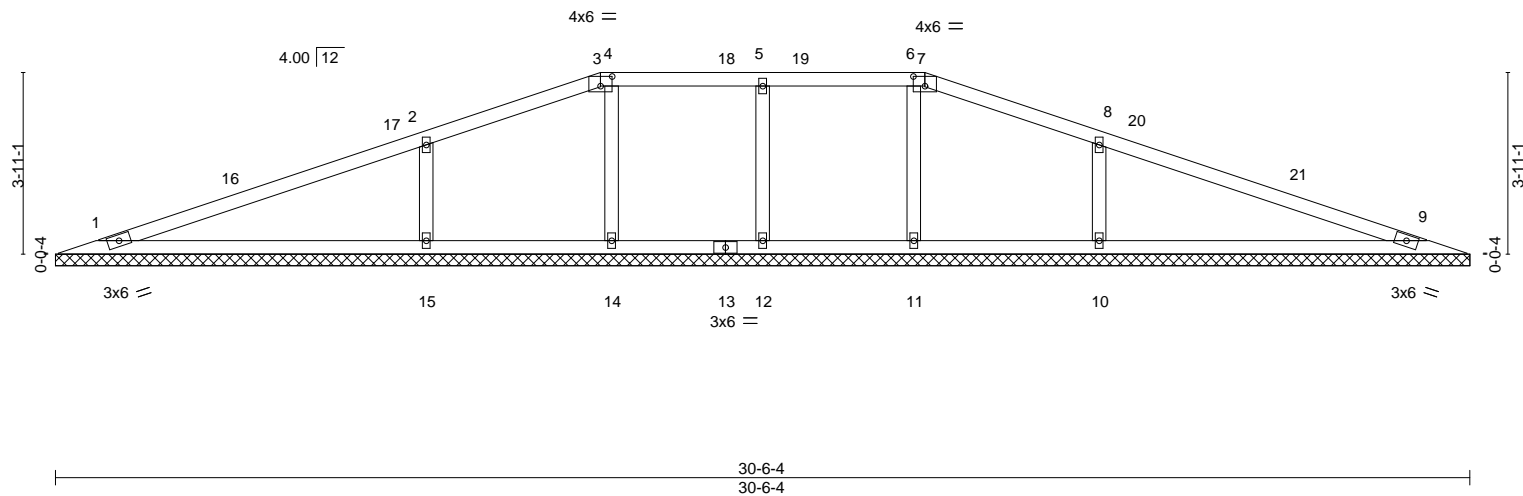


Plate Offsets (X,Y)--		[2:0-0-0,0-0-0], [3:0-3-0,0-2-8], [7:0-3-0,0-2-8]	
LOADING (psf)	SPACING-	2-0-0	CSI.
TCLL 20.0	Plate Grip DOL	1.25	TC 0.54
TCDL 7.0	Lumber DOL	1.25	BC 0.40
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.08
BCDL 10.0	Code	FBC2023/TPI2014	Matrix-S
DEFL.	in (loc)	I/defl	L/d
Vert(LL)	n/a	-	n/a
Vert(CT)	n/a	-	n/a
Horz(CT)	0.00	9	n/a
PLATES	GRIP		
MT20	244/190		
Weight: 111 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 6-0-0 oc bracing.
OTHERS 2x4 SP No.3	

REACTIONS.	All bearings 30-6-4.
(lb) - Max Horz	1=61(LC 12)
Max Uplift	All uplift 100 lb or less at joint(s) 1, 9, 12, 11, 14 except 10=209(LC 9), 15=209(LC 8)
Max Grav	All reactions 250 lb or less at joint(s) 1, 9, 11, 14 except 12=292(LC 1), 10=542(LC 1), 15=542(LC 1)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS	8-10=-382/237, 2-15=-382/238

- 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 0-11-5 to 3-11-12, Zone1 3-11-12 to 11-9-2, Zone2 11-9-2 to 16-0-11, Zone1 16-0-11 to 18-9-2, Zone2 18-9-2 to 23-0-11, Zone1 23-0-11 to 29-6-15 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) All plates are 2x4 MT20 unless otherwise indicated.
 - 6) Gable requires continuous bottom chord bearing.
 - 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9, 12, 11, 14 except (jt=lb) 10=209, 15=209.

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

April 12,2024

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Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS	T33528811
3981055	V04	GABLE	1	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:22 2024 Page 1
ID:cLQQfHVaoLGzE0HNaZzGxbyTax0-6Haj5fOnEDyfVA4pjiVlGFI9el15qp5LfVJytdzRIs7
11-9-2 11-9-2 14-9-2 3-0-0 26-6-4 11-9-2

Scale = 1:43.2

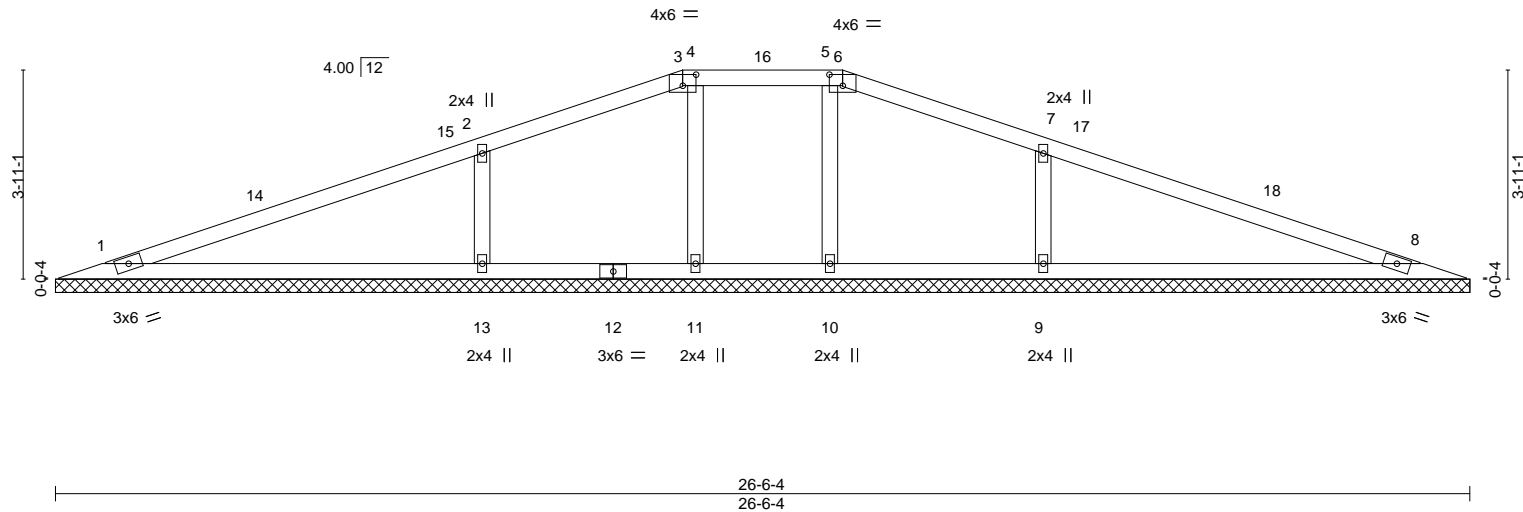


Plate Offsets (X,Y)--		[2:0-0-0,0-0-0], [3:0-3-0,0-2-8], [6:0-3-0,0-2-8]									
LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.54	Vert(LL)	n/a	-	n/a	999	MT20
TCDL	7.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	n/a	-	n/a	999	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	8	n/a	n/a	
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S							
										Weight: 94 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 6-0-0 oc bracing.
OTHERS 2x4 SP No.3	

REACTIONS. All bearings 26-6-4.
(lb) - Max Horz 1=61(LC 17)
Max Uplift All uplift 100 lb or less at joint(s) 1, 8, 10, 11 except 9=209(LC 13), 13=210(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 8, 10, 11 except 9=543(LC 26), 13=544(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 7-9=-383/238, 2-13=-383/239

- 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 0-11-5 to 3-11-5, Zone1 3-11-5 to 11-9-2, Zone3 11-9-2 to 14-9-2, Zone2 14-9-2 to 19-0-0, Zone1 19-0-0 to 25-6-15 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.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 8, 10, 11 except (jt=lb) 9=209, 13=210.

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Date:

April 12,2024

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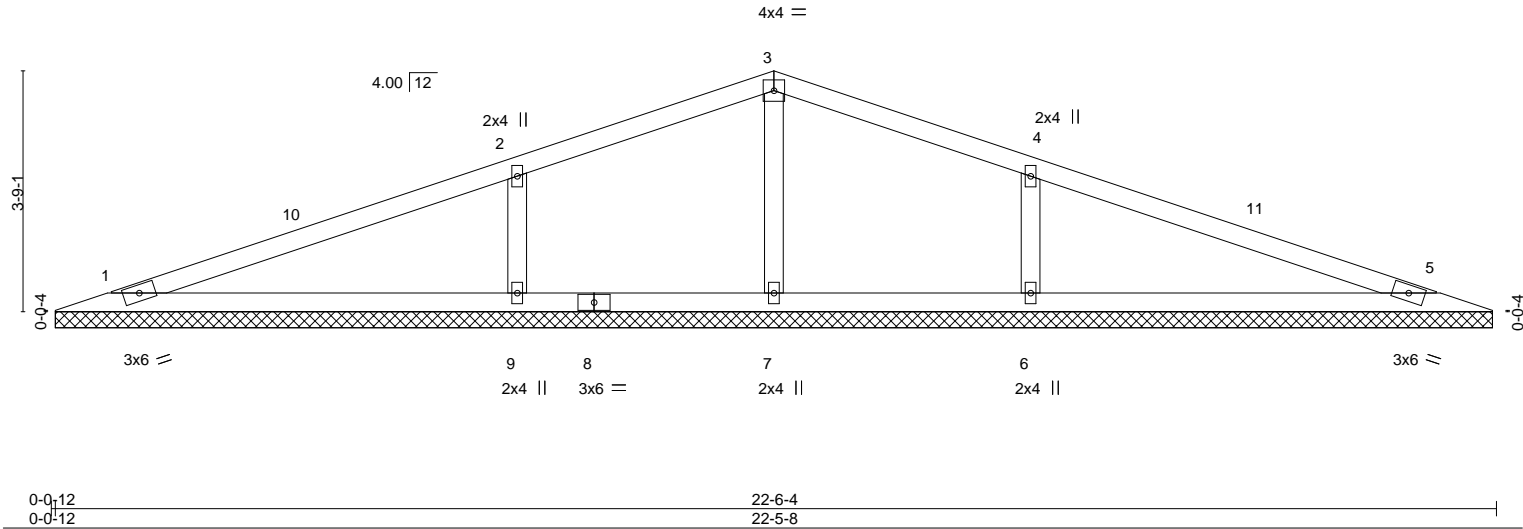
MiTek®

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Chesterfield, MO 63017
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Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS	T33528812
3981055	V05	Valley	1	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:22 2024 Page 1
ID:cLQQfHVaOLGzEOHNaZzGxbyTax0-6Haj5fOnEDyfVA4pjiVLgFIBPI3QqpELfVJytdzRIs7
22-6-4
11-3-2

Scale = 1:35.9



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.42	Vert(LL) n/a	-	n/a	999	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.32	Vert(CT) n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.07	Horz(CT) 0.00	5	n/a	n/a		
BCDL 10.0	Code FBC2023/TPI2014	Matrix-S					Weight: 76 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.
OTHERS 2x4 SP No.3	

REACTIONS. All bearings 22-4-12.
(lb) - Max Horz 1=-58(LC 17)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 9=-192(LC 12), 6=-192(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 9=497(LC 1), 6=497(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-352/219, 4-6=-352/219

- 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 0-11-5 to 3-11-5, Zone1 3-11-5 to 11-3-2, Zone2 11-3-2 to 15-3-2, Zone1 15-3-2 to 21-6-15 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 9=192, 6=192.

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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:

April 12,2024

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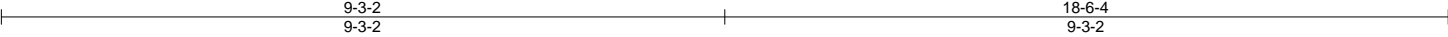
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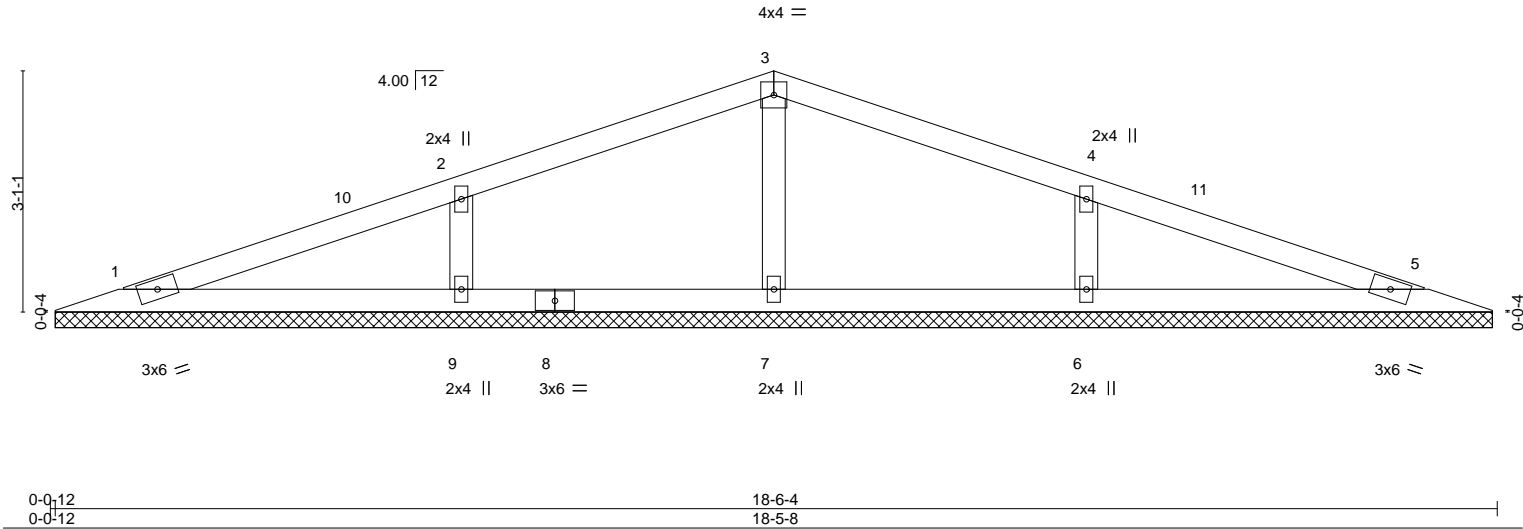
Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS	T33528813
3981055	V06	Valley	1	1	Job Reference (optional)	

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

8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:23 2024 Page 1
ID:cLQQfHVaoLGzE0HNaZzGxbyTax0-aT86I?PP?X4W6Kf0HPQaDSqPRiQKZHnUu93VP3zRIs6



Scale = 1:29.5



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 2-0-0	TC 0.21	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.15	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.05	Horz(CT)	0.00	5	n/a		
BCDL 10.0	Code FBC2023/TPI2014	Matrix-S					Weight: 61 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.
OTHERS 2x4 SP No.3	

REACTIONS.	All bearings 18-4-12.
(lb) - Max Horz 1=46(LC 16)	
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 7 except 9=146(LC 12), 6=146(LC 13)	
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 9=371(LC 25), 6=371(LC 26)	

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-269/168, 4-6=-269/168	

- 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 0-11-5 to 3-11-5, Zone1 3-11-5 to 9-3-2, Zone2 9-3-2 to 13-3-2, Zone1 13-3-2 to 17-6-15 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 7 except (jt=lb) 9=146, 6=146.

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Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS	T33528814
3981055	V07	Valley	1	1	Job Reference (optional)	

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

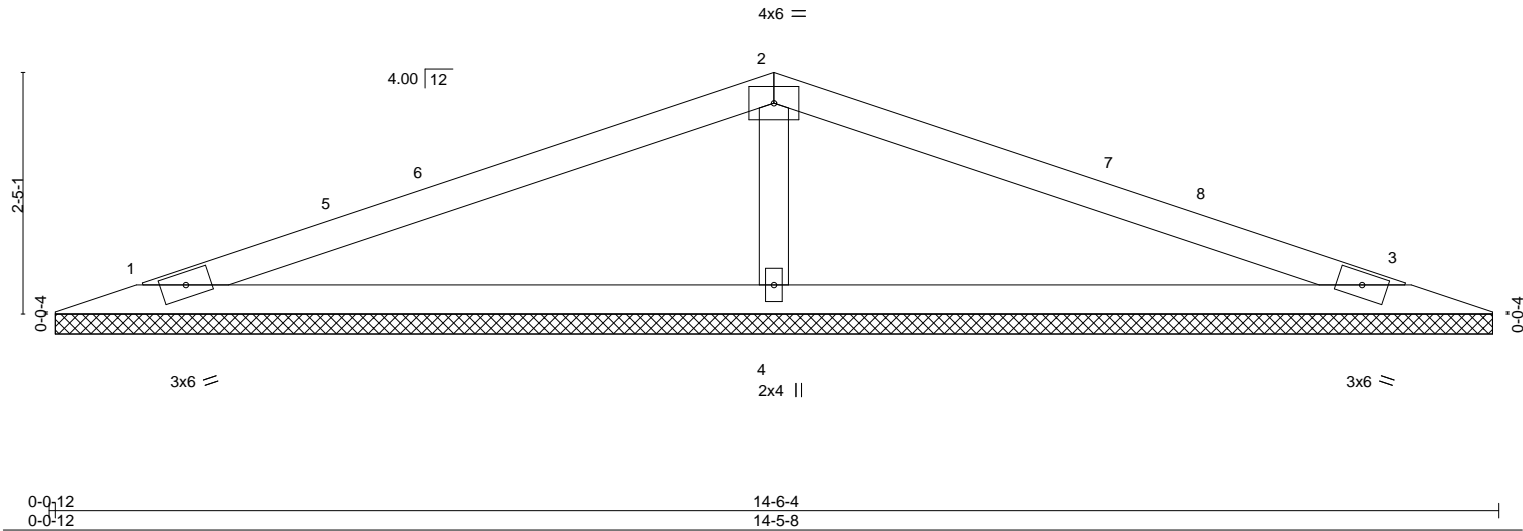
8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:23 2024 Page 1

ID:cLQQfHVaoLGzE0HNaZzGxbyTax0-aT86l?PP?X4W6Kf0HPQaDSqL?iMdZGTUu93VP3zRIs6

14-6-4

7-3-2

Scale = 1:23.1



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.50	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.38	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.07	Horz(CT)	0.00	3	n/a		
BCDL 10.0	Code FBC2023/TPI2014		Matrix-S					Weight: 44 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.
OTHERS 2x4 SP No.3	

REACTIONS. (size) 1=14-4-12, 3=14-4-12, 4=14-4-12
Max Horz 1=35(LC 12)
Max Uplift 1=-72(LC 8), 3=-76(LC 13), 4=-120(LC 8)
Max Grav 1=207(LC 25), 3=207(LC 26), 4=536(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-355/228

- 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 0-11-5 to 3-11-5, Zone1 3-11-5 to 7-3-2, Zone2 7-3-2 to 11-6-0, Zone1 11-6-0 to 13-6-15 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3 except (jt=lb) 4=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.

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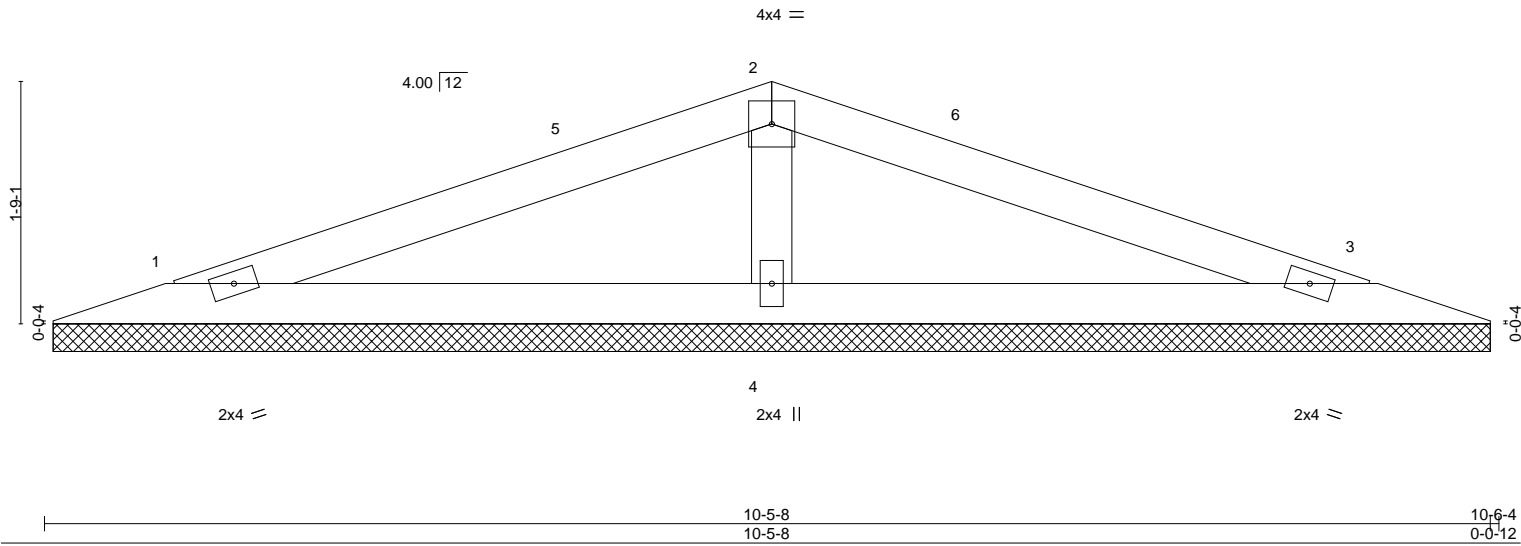
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall 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	REED MCDANIEL - WENDY JARVIS	T33528815
3981055	V08	Valley	1	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL),	Lake City, FL - 32055,	8.730 s Apr 3 2024 MiTek Industries, Inc. Thu Apr 11 14:52:24 2024 Page 1
5-3-2	5-3-2	ID:cLQQfHVaoLGzE0HNaZzGxbyTax0-2fiUVLP1mqCNkUECr6ypmgNa86m2ljhe6po2xWzRIs5
5-3-2		10-6-4
		5-3-2

Scale = 1:16.7



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.22	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.18	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.07	Horz(CT)	0.00	3	n/a		
BCDL 10.0	Code FBC2023/TPI014	Matrix-S					Weight: 31 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.
OTHERS 2x4 SP No.3			

REACTIONS. (size) 1=10-4-12, 3=10-4-12, 4=10-4-12
Max Horz 1=24(LC 17)
Max Uplift 1=49(LC 8), 3=52(LC 13), 4=82(LC 8)
Max Grav 1=141(LC 25), 3=141(LC 26), 4=366(LC 1)

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

- 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 0-11-5 to 3-11-5, Zone1 3-11-5 to 5-3-2, Zone3 5-3-2 to 9-6-15 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 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:

April 12,2024

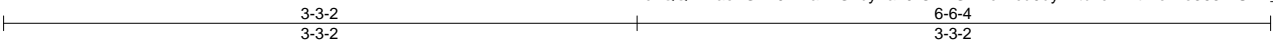
<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.</p> <p>Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcsccomponents.com)</p>	<p>MiTek®</p> <p>16023 Swingley Ridge Rd. Chesterfield, MO 63017 314.434.1200 / MiTek-US.com</p>
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Job	Truss	Truss Type	Qty	Ply	REED MCDANIEL - WENDY JARVIS	T33528816
3981055	V09	Valley	1	1	Job Reference (optional)	

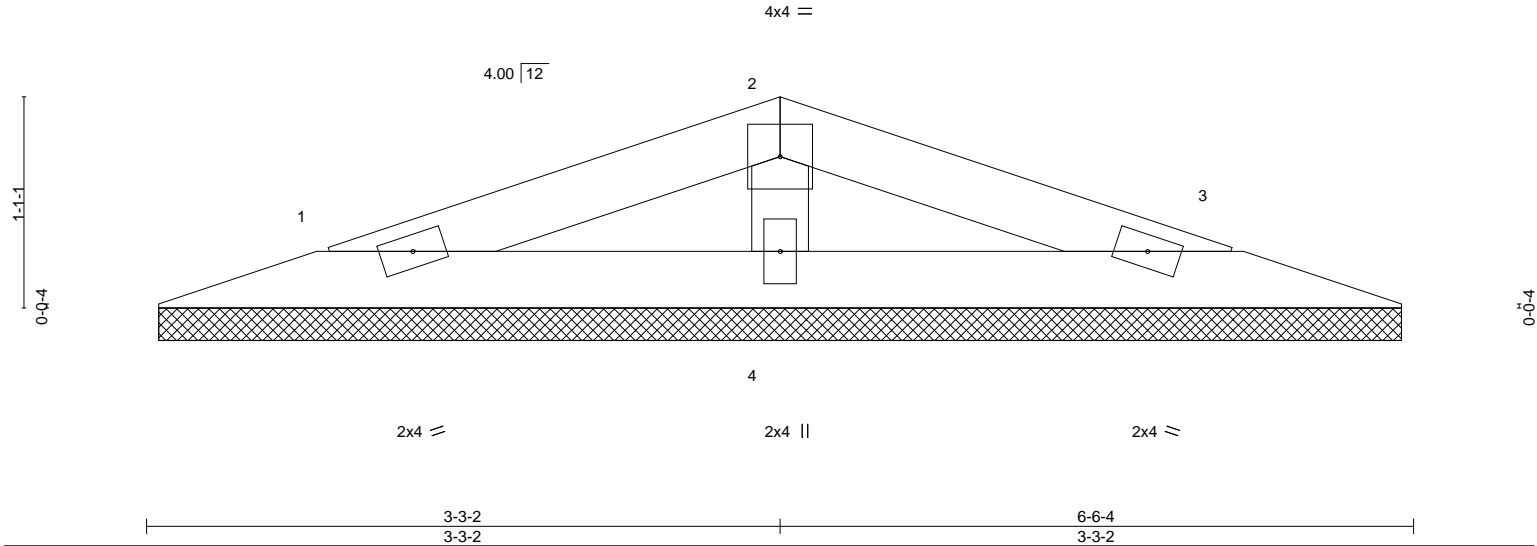
Builders FirstSource, Lake City, FL 32055

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Scale = 1:11.9



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.12	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.05	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.06	Horz(CT)	0.00	3	n/a		
BCDL 10.0	Code	FBC2023/TPI2014	Matrix-P						
								Weight: 18 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. (lb/size) 1=82/6-4-12 (min. 0-1-8), 3=82/6-4-12 (min. 0-1-8), 4=179/6-4-12 (min. 0-1-8)
Max Horz 1=13(LC 16)
Max Uplift 1=-31(LC 8), 3=-33(LC 9), 4=-34(LC 8)

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

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 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- Gable requires continuous bottom chord bearing.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 31 lb uplift at joint 1, 33 lb uplift at joint 3 and 34 lb uplift at joint 4.

LOAD CASE(S) Standard

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

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

April 12,2024

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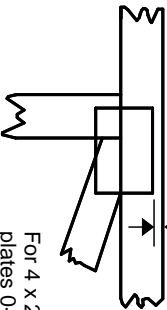
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Symbols

PLATE LOCATION AND ORIENTATION



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



For 4 x 2 orientation, locate plates 0- 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

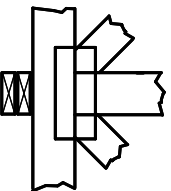
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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



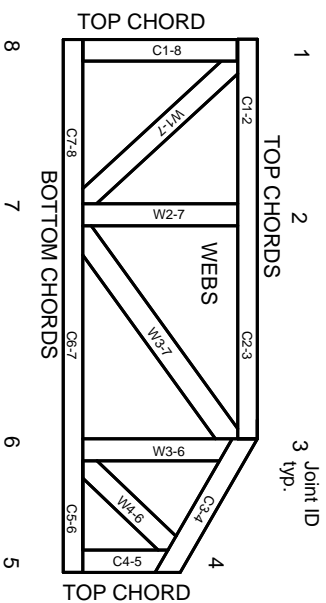
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number/letter where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TP1: 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)



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: MII-7473 rev. 1/2/2023

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.