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

RE: 3070916 - EVANS - FT WHITE SPEC

MiTek USA, Inc.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:

Customer Info: Evans Bldg. Project Name: Ft. White Spec Hse Model: Custom
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:
City: State:

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

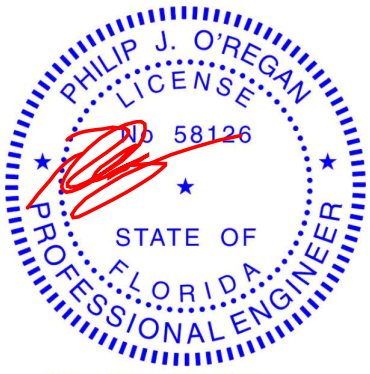
Design Code: FBC2020/TPI2014 Design Program: MiTek 20/20 8.4
Wind Code: ASCE 7-16 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 27 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	T26813908	CJ01	2/11/22	23	T26813930	T11	2/11/22
2	T26813909	CJ03	2/11/22	24	T26813931	T12	2/11/22
3	T26813910	CJ03A	2/11/22	25	T26813932	T13	2/11/22
4	T26813911	CJ05	2/11/22	26	T26813933	T14	2/11/22
5	T26813912	CJ05A	2/11/22	27	T26813934	T14G	2/11/22
6	T26813913	EJ01	2/11/22				
7	T26813914	EJ02	2/11/22				
8	T26813915	EJ03	2/11/22				
9	T26813916	HJ08	2/11/22				
10	T26813917	HJ10	2/11/22				
11	T26813918	HJ10A	2/11/22				
12	T26813919	T01	2/11/22				
13	T26813920	T02	2/11/22				
14	T26813921	T03	2/11/22				
15	T26813922	T04	2/11/22				
16	T26813923	T05	2/11/22				
17	T26813924	T06	2/11/22				
18	T26813925	T06A	2/11/22				
19	T26813926	T07	2/11/22				
20	T26813927	T08	2/11/22				
21	T26813928	T09	2/11/22				
22	T26813929	T10	2/11/22				

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, 2023.



Philip J. O'Regan PE No.58126
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6904 Parke East Blvd. Tampa FL 33610
Date: February 11,2022

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.

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	CJ01	Jack-Open	6	1	T26813908
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:08:47 2022 Page 1
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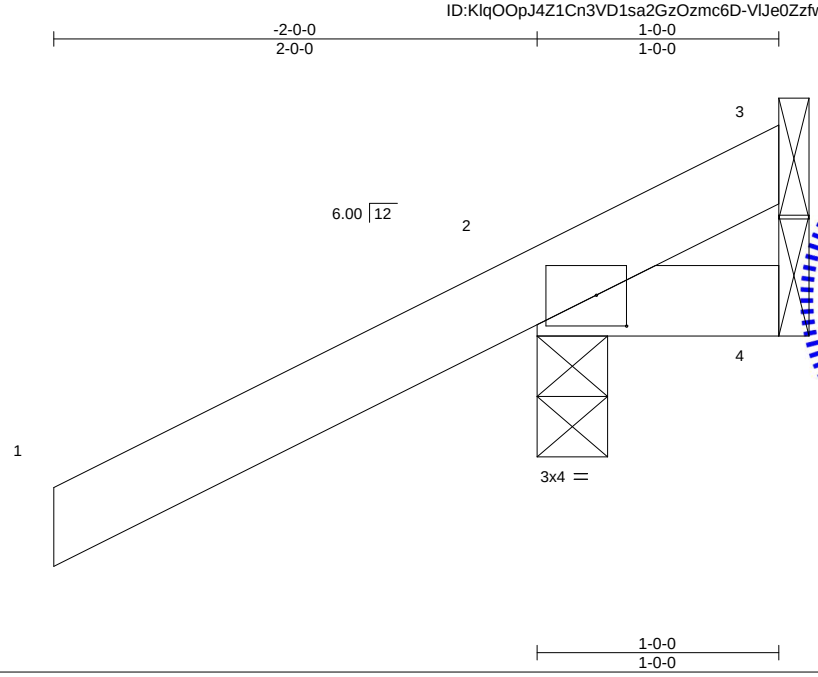

PHILIP J. O'REGAN LICENSE No 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

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6904 Parke East Blvd. Tampa FL 33610
Date:

Plate Offsets (X,Y)-- [2:0-1-8,0-1-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	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 FBC2020/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=0-3-8, 4=Mechanical
Max Horz 2=46(LC 12)
Max Uplift 3=-27(LC 1), 2=-102(LC 12), 4=-46(LC 1)
Max Grav 3=16(LC 16), 2=254(LC 1), 4=29(LC 16)

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

NOTES-
1) Wind: ASCE 7-16; 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 Exterior(2E) 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 27 lb uplift at joint 3, 102 lb uplift at joint 2 and 46 lb uplift at joint 4.

February 11,2022

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	CJ03	Jack-Open	4	1	T26813909
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:08:48 2022 Page 1
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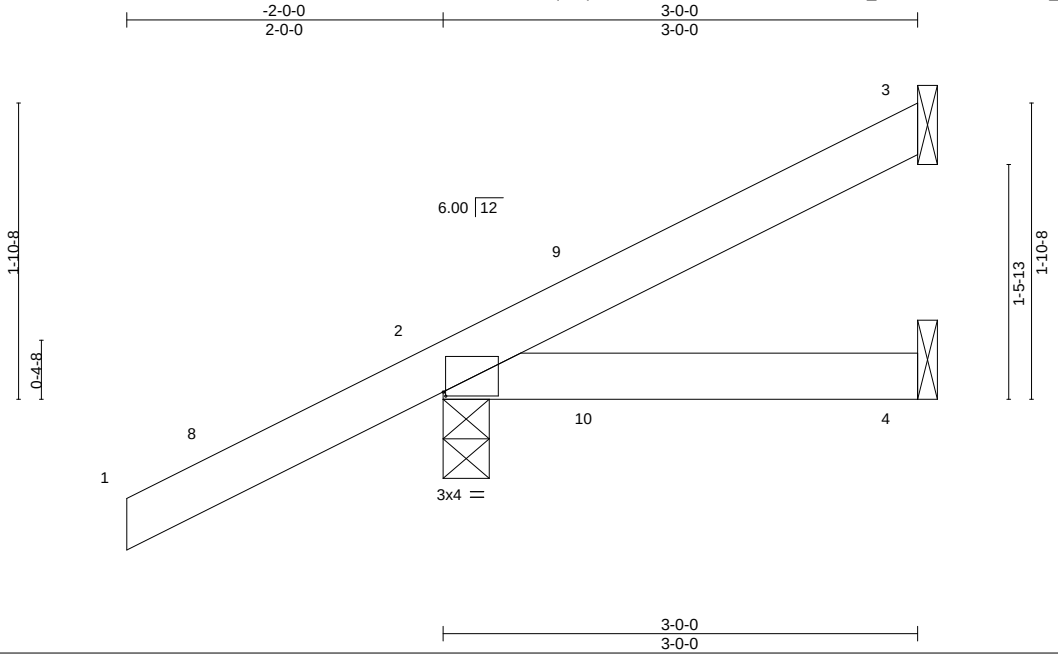


Plate Offsets (X,Y)-- [2:0-0-3,0-0-5]

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	0.25	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	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 FBC2020/TPI2014		Matrix-MP							Weight: 13 lb	FT = 20%

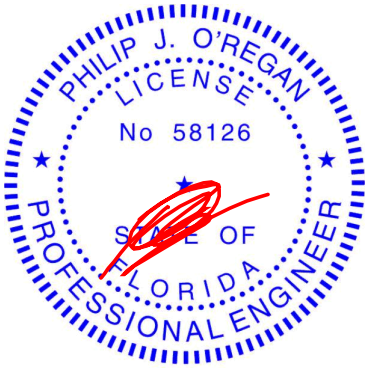
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-3-8, 4=Mechanical
Max Horz 2=80(LC 12)
Max Uplift 3=-31(LC 12), 2=-76(LC 12), 4=-14(LC 9)
Max Grav 3=52(LC 1), 2=253(LC 1), 4=48(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 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 31 lb uplift at joint 3, 76 lb uplift at joint 2 and 14 lb uplift at joint 4.



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Date:
February 11,2022

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	CJ03A	Jack-Open	2	1	T26813910
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:08:49 2022 Page 1
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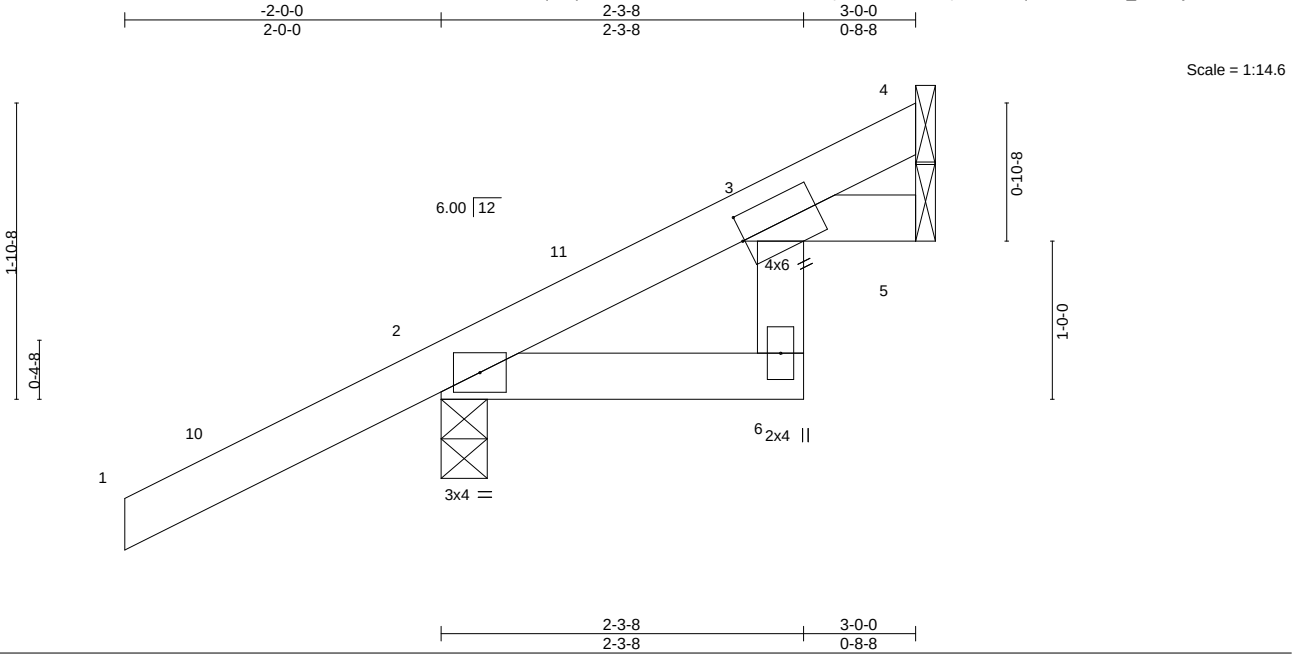


Plate Offsets (X,Y)-- [3:0-0-3,0-1-15]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	-0.00	6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	-0.01	6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 15 lb	FT = 20%

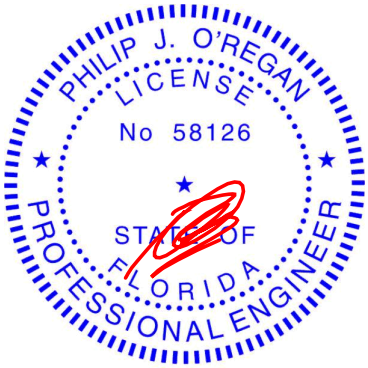
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
3-6: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical
Max Horz 2=80(LC 12)
Max Uplift 4=-18(LC 12), 2=-76(LC 12), 5=-7(LC 12)
Max Grav 4=40(LC 1), 2=254(LC 1), 5=40(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 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 18 lb uplift at joint 4, 76 lb uplift at joint 2 and 7 lb uplift at joint 5.



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Date:
February 11,2022

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	CJ05	Jack-Open	4	1	T26813911
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:08:51 2022 Page 1
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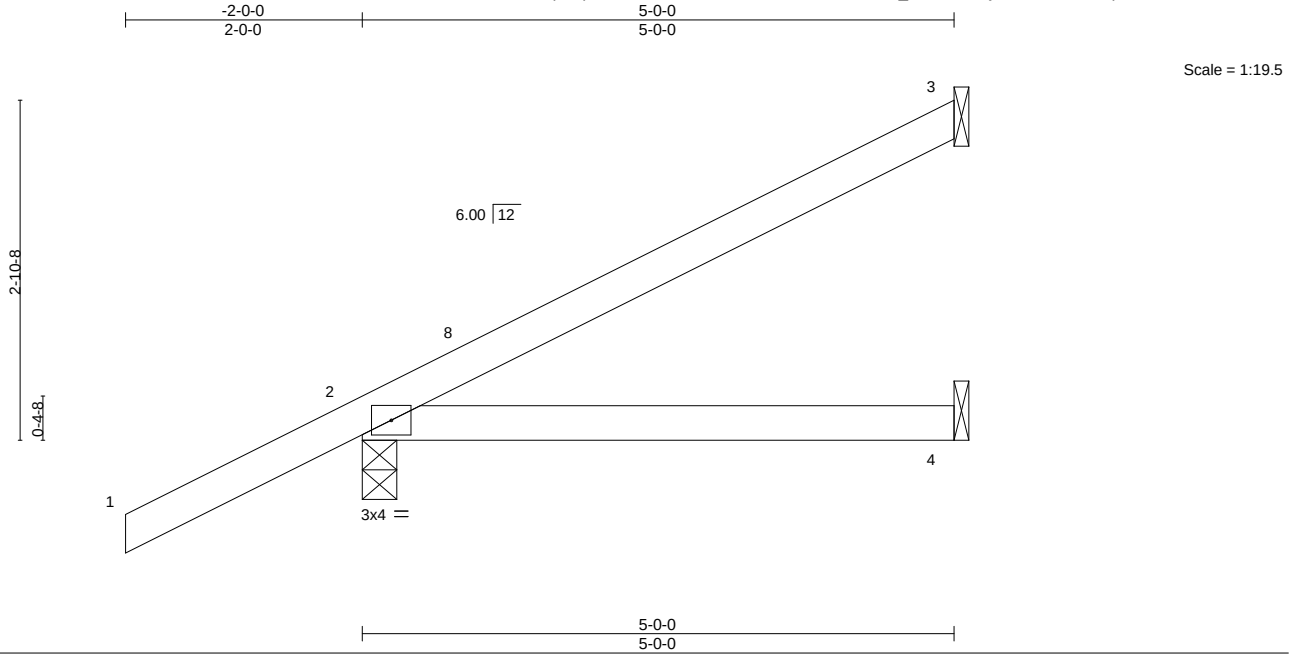


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.26	Vert(LL)	0.03	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.05	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 19 lb	FT = 20%

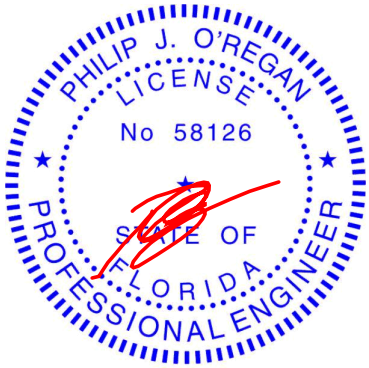
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=114(LC 12)
Max Uplift 3=-64(LC 12), 2=-80(LC 12)
Max Grav 3=108(LC 1), 2=313(LC 1), 4=87(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 4-11-4 zone; porch 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 64 lb uplift at joint 3 and 80 lb uplift at joint 2.



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Date:
February 11,2022

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	CJ05A	Jack-Open	2	1	T26813912
					Job Reference (optional)

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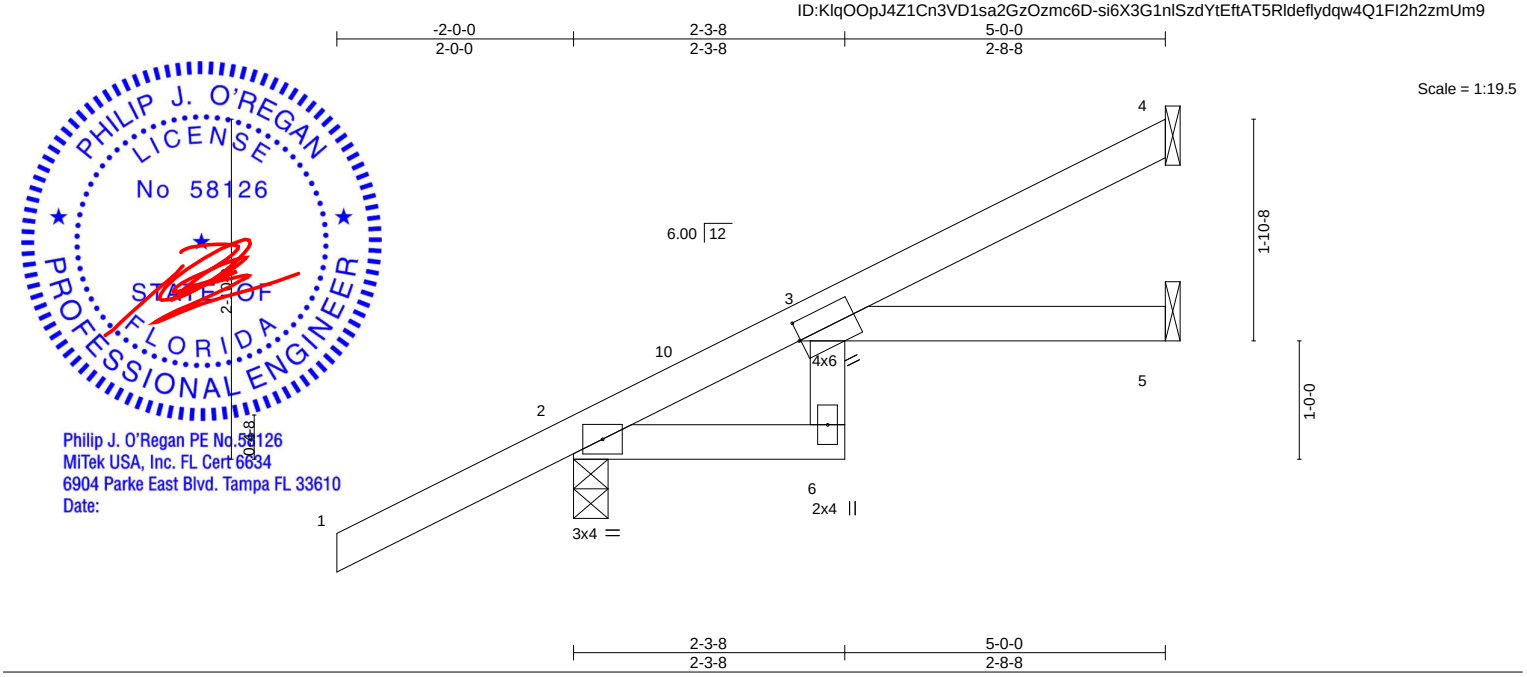

PHILIP J. O'REGAN LICENSE No 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

Plate Offsets (X,Y)-- [3:0-0-3,0-1-15]

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	0.32	Vert(LL)	0.05	6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.06	6	>937	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.04	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 21 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
3-6: 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 6-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical
Max Horz 2=114(LC 12)
Max Uplift 4=-51(LC 12), 2=-80(LC 12), 5=-10(LC 12)
Max Grav 4=96(LC 1), 2=313(LC 1), 5=80(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 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 51 lb uplift at joint 4, 80 lb uplift at joint 2 and 10 lb uplift at joint 5.

February 11,2022

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	EJ01	Jack-Partial	7	1	T26813913
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:08:53 2022 Page 1
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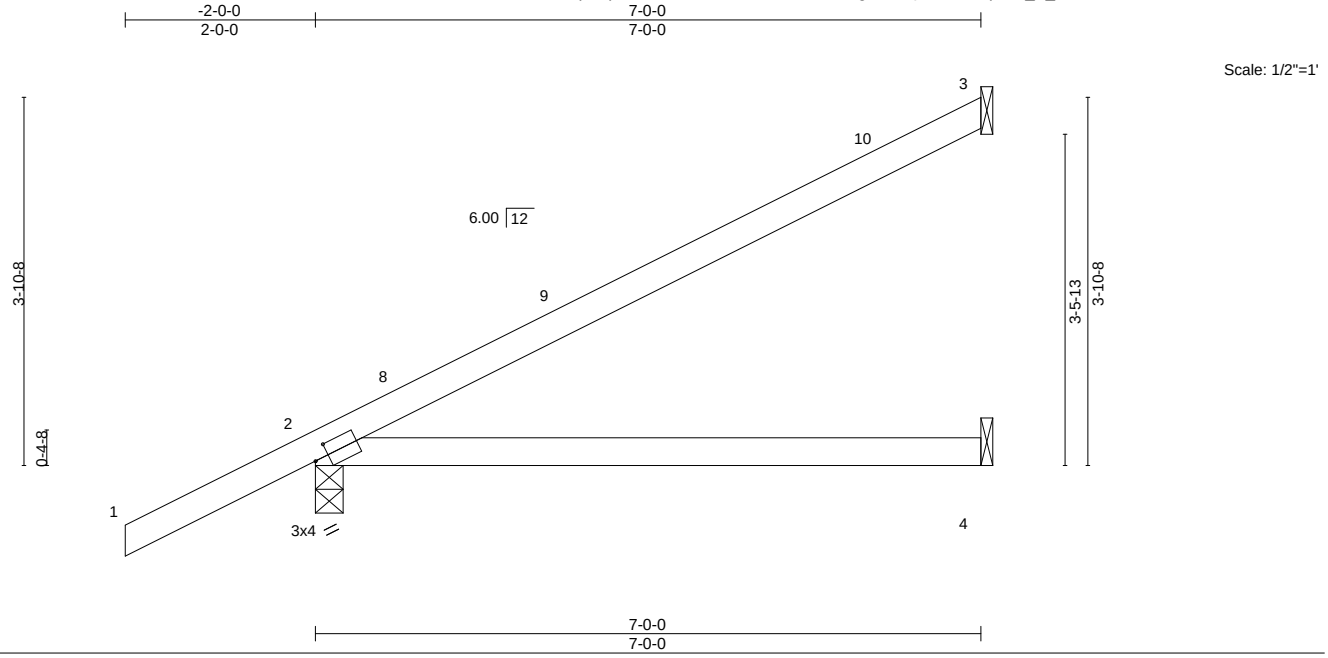


Plate Offsets (X,Y)-- [2:0-1-13,0-1-8]

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	0.60	Vert(LL)	0.10	4-7	>876	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.21	4-7	>393	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 26 lb	FT = 20%

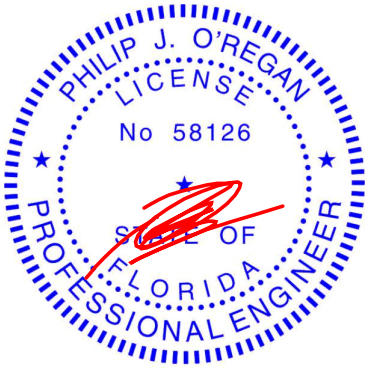
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=144(LC 12)
Max Uplift 3=-84(LC 12), 2=-90(LC 12)
Max Grav 3=160(LC 1), 2=380(LC 1), 4=125(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 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 84 lb uplift at joint 3 and 90 lb uplift at joint 2.



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Date:
February 11,2022

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Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	EJ02	Jack-Partial	3	1	T26813914
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:08:53 2022 Page 1
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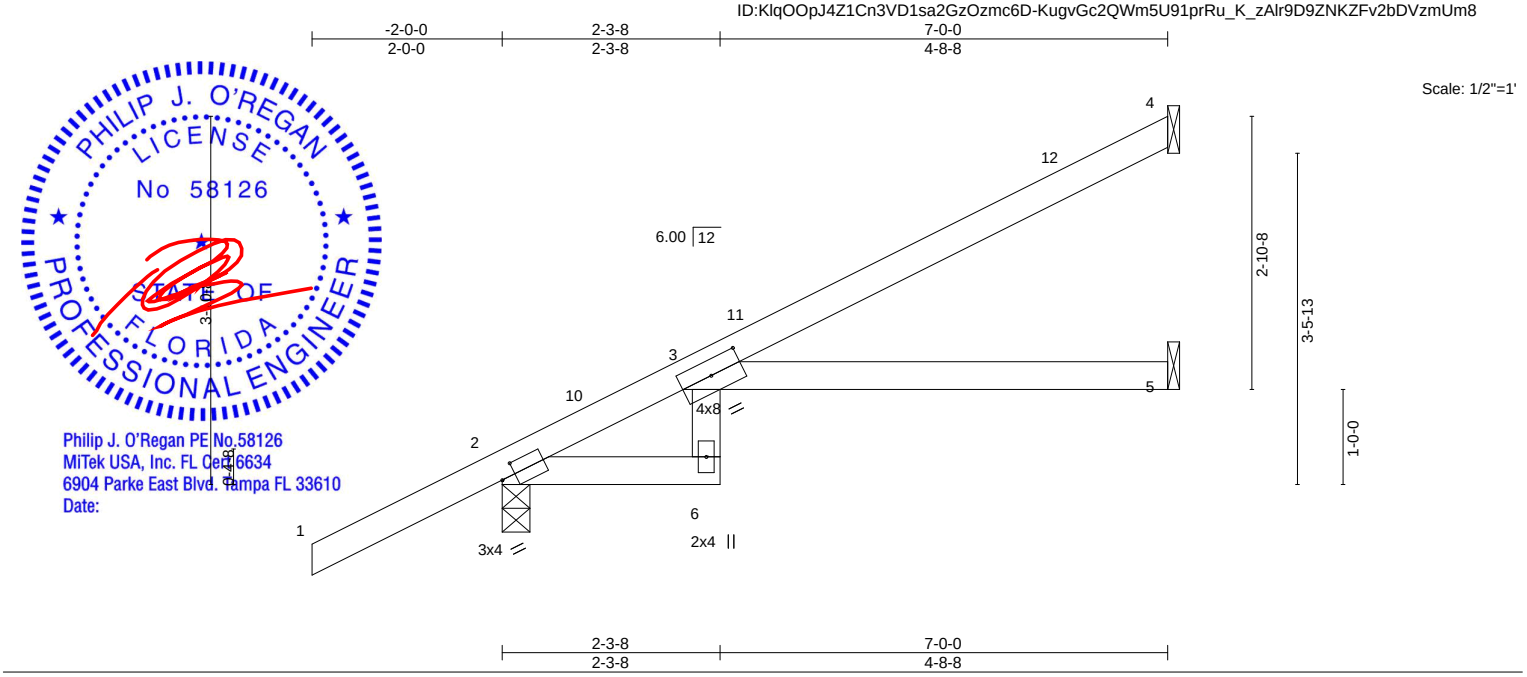

PHILIP J. O'REGAN LICENSE No 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Date:

Plate Offsets (X,Y)-- [2:0-1-13,0-1-8], [3:0-4-0,0-1-15]

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	0.61	Vert(LL)	0.15	3-5	>568	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.24	3-5	>340	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.12	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 27 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
3-6: 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 6-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical
Max Horz 2=144(LC 12)
Max Uplift 4=-71(LC 12), 2=-90(LC 12), 5=-10(LC 12)
Max Grav 4=148(LC 1), 2=380(LC 1), 5=118(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 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 71 lb uplift at joint 4, 90 lb uplift at joint 2 and 10 lb uplift at joint 5.

February 11,2022

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Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	EJ03	Jack-Partial	6	1	T26813915
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:08:54 2022 Page 1
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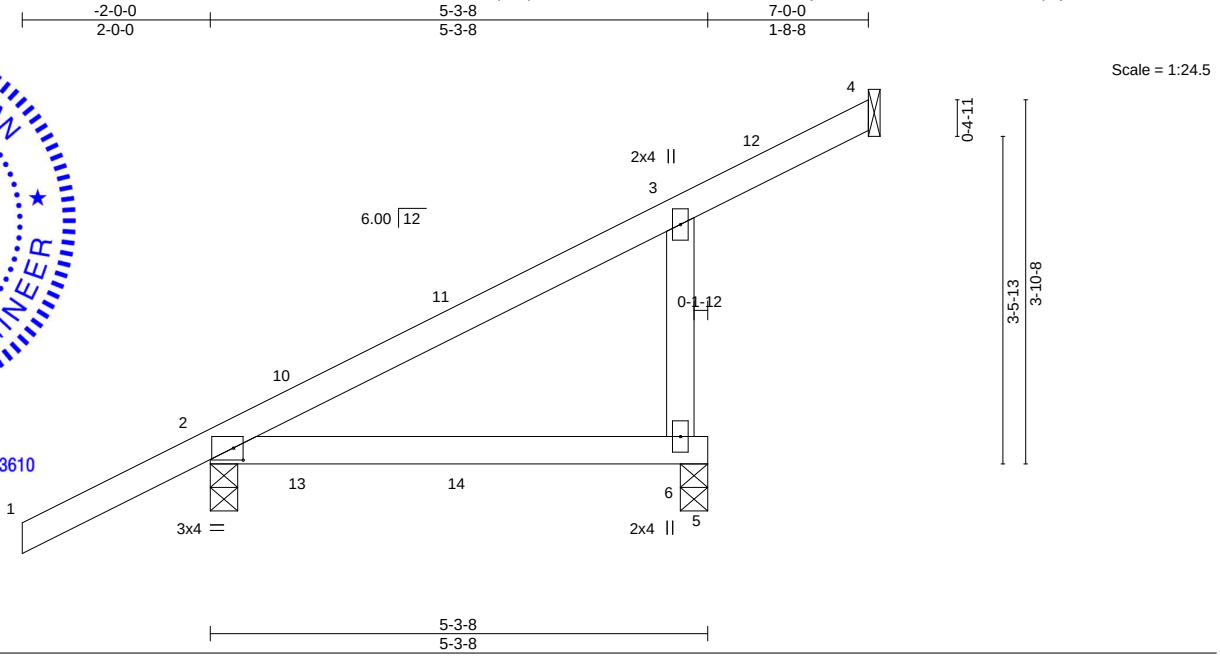

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Date:

Plate Offsets (X,Y)-- [2:0-1-4,0-1-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	0.06	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.26	Vert(CT)	-0.05	6-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 27 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 5-3-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 6=0-3-8
Max Horz 2=144(LC 12)
Max Uplift 4=-12(LC 3), 2=-56(LC 12), 6=-126(LC 12)
Max Grav 4=6(LC 19), 2=296(LC 1), 6=289(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-6=-235/309

NOTES-
1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 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 12 lb uplift at joint 4, 56 lb uplift at joint 2 and 126 lb uplift at joint 6.

February 11,2022

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	HJ08	Diagonal Hip Girder	1	1	T26813916
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:08:55 2022 Page 1
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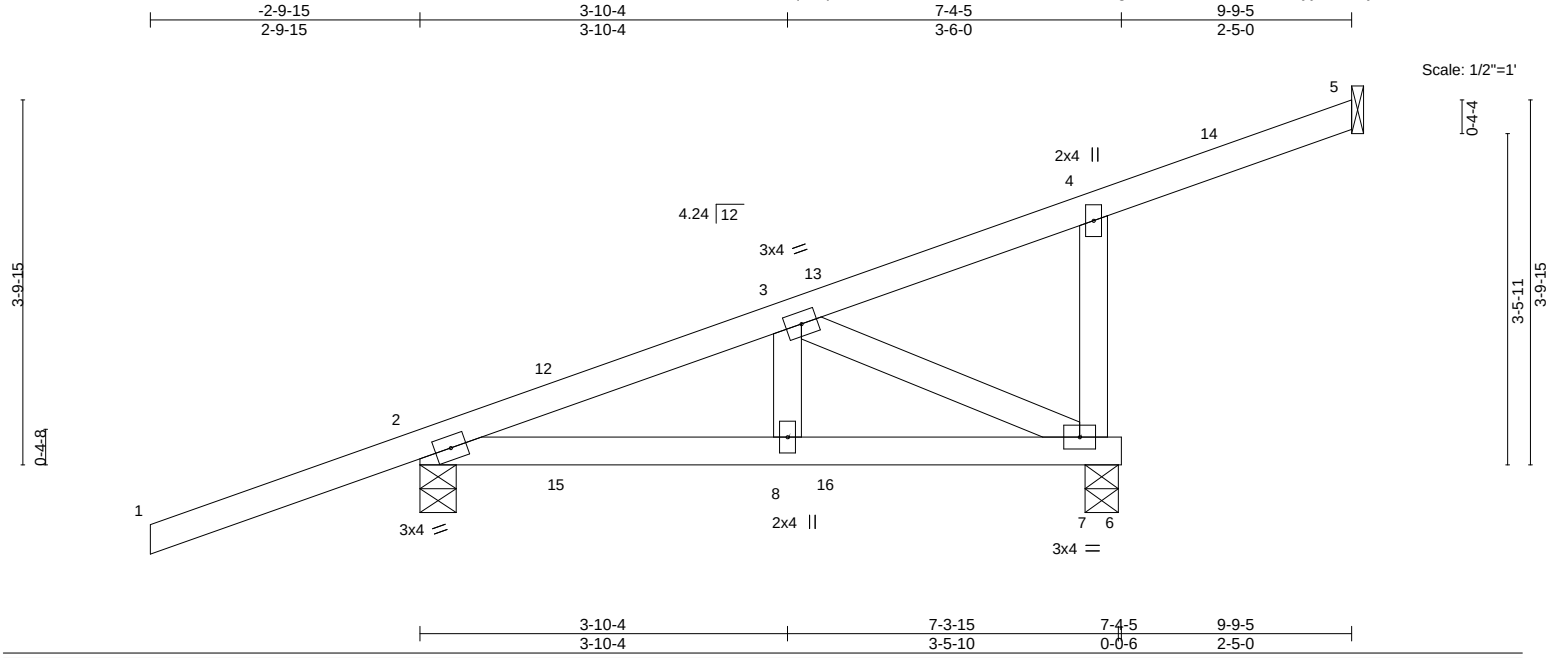


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	0.03	8-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	0.03	8-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.06	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 41 lb	FT = 20%

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

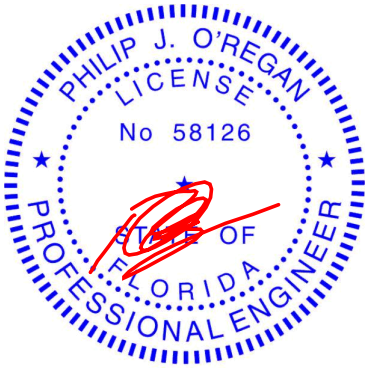
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 5=Mechanical, 2=0-4-9, 7=0-4-3
Max Horz 2=159(LC 4)
Max Uplift 5=-20(LC 26), 2=-162(LC 4), 7=-202(LC 4)
Max Grav 5=51(LC 1), 2=341(LC 1), 7=409(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-287/69, 4-7=-256/163

NOTES-
1) Wind: ASCE 7-16; 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 exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 20 lb uplift at joint 5, 162 lb uplift at joint 2 and 202 lb uplift at joint 7.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 54 lb down and 103 lb up at 1-6-1, 54 lb down and 103 lb up at 1-6-1, 20 lb down and 33 lb up at 4-4-0, 20 lb down and 33 lb up at 4-4-0, and 41 lb down and 75 lb up at 7-1-15, and 41 lb down and 75 lb up at 7-1-15 on top chord, and 44 lb down and 74 lb up at 1-6-1, 44 lb down and 74 lb up at 1-6-1, 42 lb down and 21 lb up at 4-4-0, and 42 lb down and 21 lb up at 4-4-0, and 56 lb down at 7-4-5 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, 4-5=-54, 6-9=-20
Concentrated Loads (lb)
Vert: 4=-64(F=-32, B=-32) 7=-37(F) 12=50(F=25, B=25) 15=70(F=35, B=35) 16=5(F=2, B=2)



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February 11,2022

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Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	HJ10	Diagonal Hip Girder	1	1	T26813917
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:08:56 2022 Page 1
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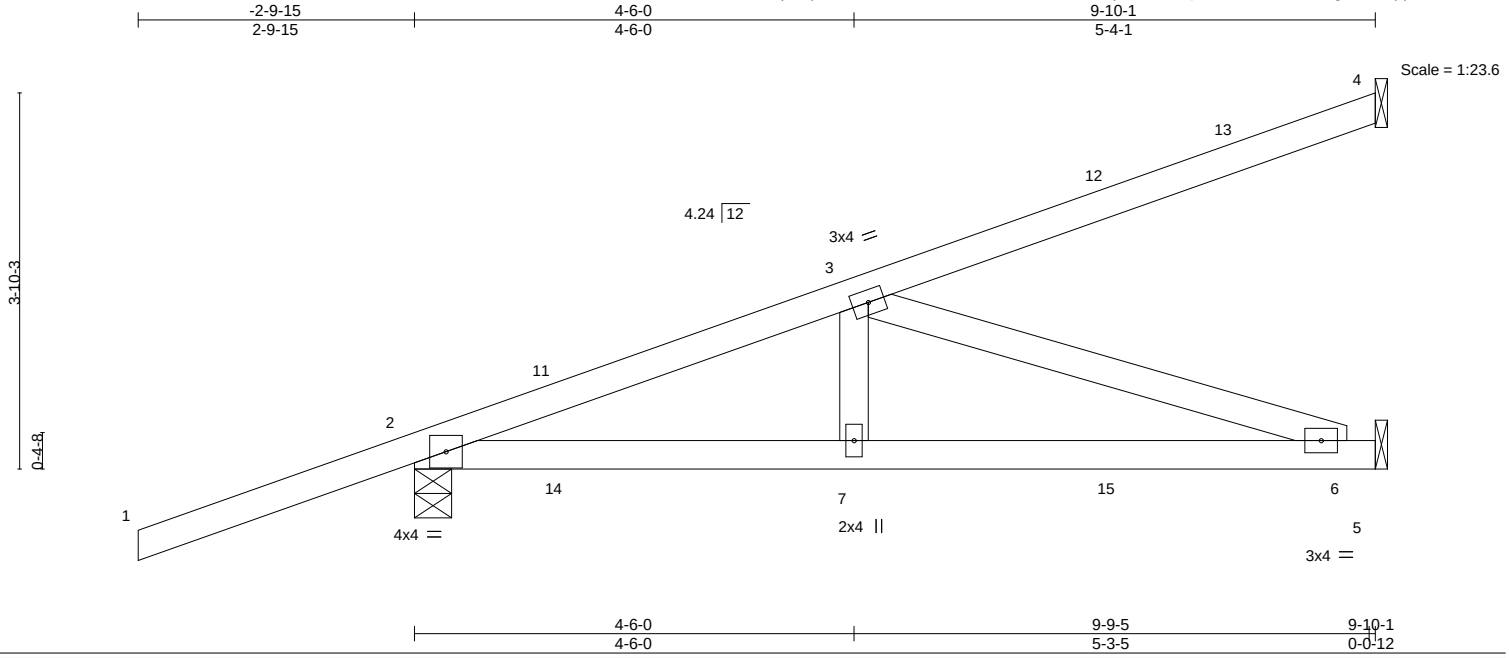


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.05	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.12	6-7	>967	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.35	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 44 lb	FT = 20%

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

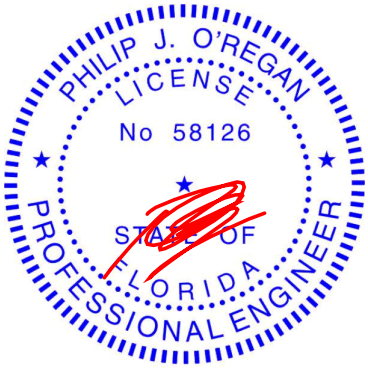
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-9, 5=Mechanical
Max Horz 2=160(LC 4)
Max Uplift 4=-79(LC 4), 2=-200(LC 4), 5=-63(LC 8)
Max Grav 4=150(LC 1), 2=463(LC 1), 5=266(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-628/212
BOT CHORD 2-7=-247/573, 6-7=-247/573
WEBS 3-6=-603/260

NOTES-
1) Wind: ASCE 7-16; 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 79 lb uplift at joint 4, 200 lb uplift at joint 2 and 63 lb uplift at joint 5.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 54 lb down and 103 lb up at 1-6-1, 54 lb down and 103 lb up at 1-6-1, 20 lb down and 33 lb up at 4-4-0, 20 lb down and 33 lb up at 4-4-0, and 41 lb down and 75 lb up at 7-1-15, and 41 lb down and 75 lb up at 7-1-15 on top chord, and 21 lb down and 74 lb up at 1-6-1, 21 lb down and 74 lb up at 1-6-1, 19 lb down and 21 lb up at 4-4-0, 19 lb down and 21 lb up at 4-4-0, and 42 lb down at 7-1-15, and 42 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=5(F=2, B=2) 11=50(F=25, B=25) 12=-64(F=-32, B=-32) 14=70(F=35, B=35) 15=-49(F=-24, B=-24)



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Date:
February 11,2022

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	HJ10A	Diagonal Hip Girder	1	1	T26813918
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:08:59 2022 Page 1
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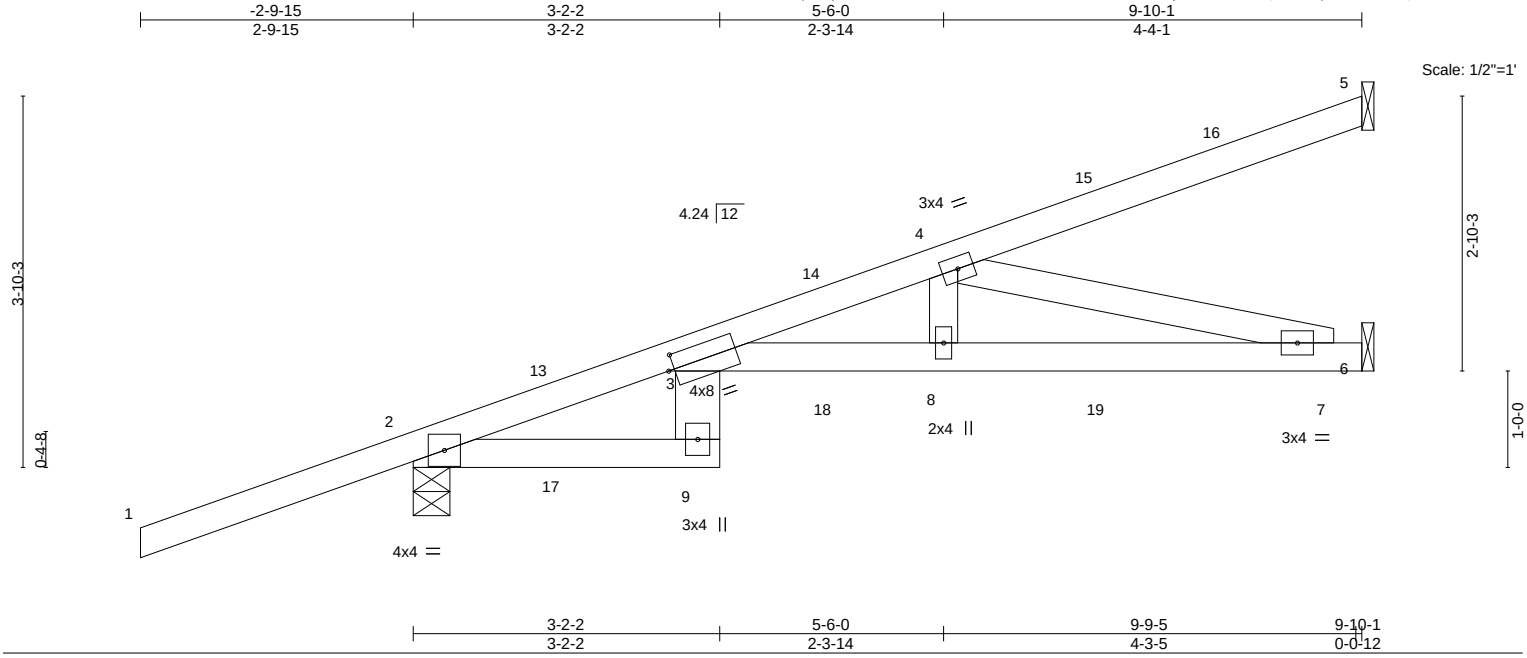


Plate Offsets (X,Y)-- [3:0-0-12,0-1-14]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.19	3-8	>616	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.90	Vert(CT)	-0.30	3-8	>388	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.42	Horz(CT)	0.13	6	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 44 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP M 31
BOT CHORD 2x4 SP No.2 *Except*
3-9: 2x6 SP No.2
WEBS 2x4 SP No.3

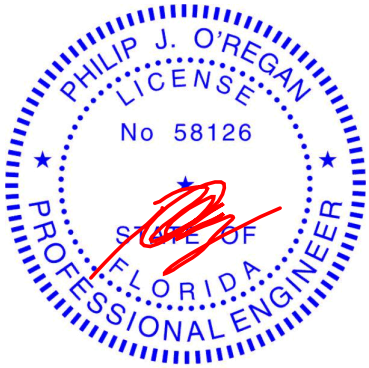
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 5=Mechanical, 2=0-4-9, 6=Mechanical
Max Horz 2=160(LC 22)
Max Uplift 5=-48(LC 4), 2=-199(LC 4), 6=-102(LC 8)
Max Grav 5=105(LC 19), 2=476(LC 1), 6=308(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-11=-276/29, 3-4=-1120/383
BOT CHORD 3-8=-444/1086, 7-8=-446/1091
WEBS 4-8=-54/289, 4-7=-1125/460

NOTES-
1) Wind: ASCE 7-16; 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 48 lb uplift at joint 5, 199 lb uplift at joint 2 and 102 lb uplift at joint 6.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 54 lb down and 103 lb up at 1-6-1, 54 lb down and 103 lb up at 1-6-1, 64 lb down and 18 lb up at 4-4-0, 64 lb down and 18 lb up at 4-4-0, and 41 lb down and 60 lb up at 7-1-15, and 41 lb down and 60 lb up at 7-1-15 on top chord, and 21 lb down and 74 lb up at 1-6-1, 21 lb down and 74 lb up at 1-6-1, 23 lb down and 14 lb up at 4-4-0, 23 lb down and 14 lb up at 4-4-0, and 40 lb down and 25 lb up at 7-1-15, and 40 lb down and 25 lb up 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: 1-3=-54, 3-5=-54, 9-10=-20, 3-6=-20
Concentrated Loads (lb)
Vert: 13=50(F=25, B=25) 15=-39(F=-20, B=-20) 17=70(F=35, B=35) 18=-20(F=-10, B=-10) 19=-73(F=-37, B=-37)



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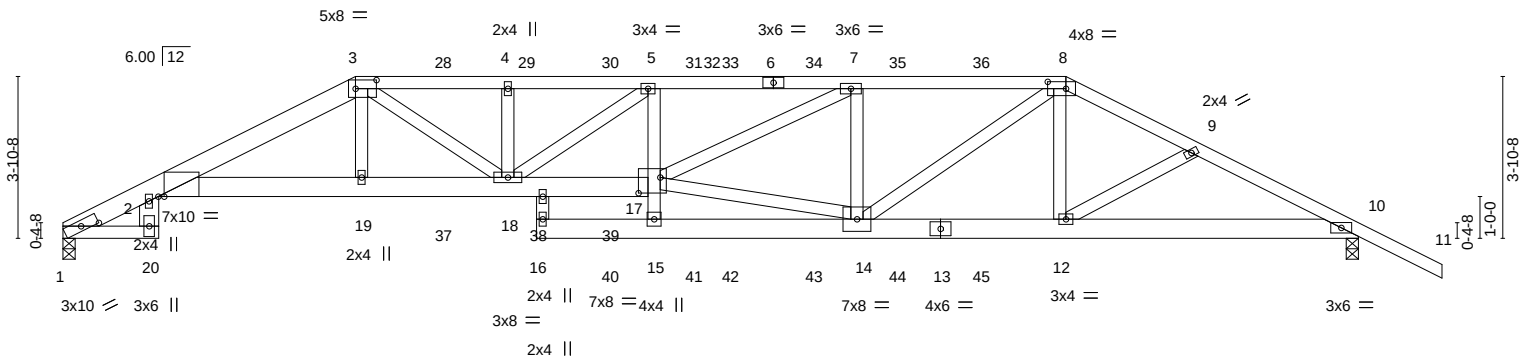
Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T01	Hip Girder	1	2	T26813919
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:03 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-1qHhN1Ah9qL4Maam1_9gO4aPMBbwvhX2YTT7awzmUm_

2-3-8	7-0-0	10-7-12	14-0-0	19-0-0	24-0-0	27-0-0	31-0-0	33-0-0
2-3-8	4-8-8	3-7-12	3-4-4	5-0-0	5-0-0	3-0-0	4-0-0	2-0-0

Scale = 1:55.1



2-3-8	7-0-0	10-7-12	14-0-0	19-0-0	24-0-0	31-0-0
2-3-8	4-8-8	3-7-12	3-4-4	5-0-0	5-0-0	7-0-0

Plate Offsets (X,Y)-- [1:0-5-0,0-1-7], [2:0-1-11,0-0-0], [3:0-6-0,0-2-8], [8:0-5-4,0-2-0], [17:0-6-4,0-4-8]

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	0.80	Vert(LL)	-0.37	16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.76	Vert(CT)	-0.71	16	>522	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.91	Horz(CT)	0.29	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 394 lb	FT = 20%

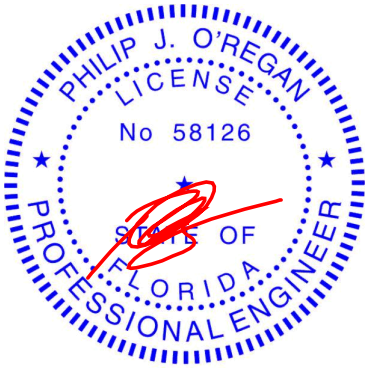
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-3: 2x6 SP M 26
BOT CHORD 2x6 SP No.2 *Except*
1-20,5-15: 2x4 SP No.2, 2-17: 2x6 SP M 26
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
10-0-0 oc bracing: 15-17

REACTIONS. (size) 1=0-3-8, 10=0-3-8
Max Horz 1=-82(LC 13)
Max Uplift 1=-634(LC 8), 10=-654(LC 9)
Max Grav 1=2295(LC 1), 10=2400(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-25=-1675/473, 2-3=-6502/1810, 3-4=-7166/1961, 4-5=-7166/1961, 5-7=-8212/2172, 7-8=-5499/1470, 8-9=-4575/1235, 9-10=-4734/1275
BOT CHORD 1-20=-105/374, 2-20=-232/836, 2-19=-1607/5900, 18-19=-1629/5982, 17-18=-2130/8315, 15-17=0/429, 5-17=0/480, 14-15=-220/889, 12-14=-1008/4093, 10-12=-1063/4193
WEBS 3-19=-382/1404, 3-18=-414/1540, 4-18=-292/156, 5-18=-1430/342, 14-17=-1229/4795, 7-17=-794/2946, 7-14=-1912/651, 8-14=-488/1765, 8-12=-70/666

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) 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.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; 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
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
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 634 lb uplift at joint 1 and 654 lb uplift at joint 10.



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Date:
February 11,2022

Continued on page 2

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NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 113 lb down and 75 lb up at 7-0-0, 94 lb down and 75 lb up at 9-0-12, 94 lb down and 75 lb up at 11-0-12, 106 lb down and 88 lb up at 13-0-12, 106 lb down and 84 lb up at 15-0-12, 106 lb down and 84 lb up at 15-11-4, 106 lb down and 88 lb up at 17-11-4, 106 lb down and 88 lb up at 19-11-4, and 106 lb down and 88 lb up at 21-11-4, and 227 lb down and 174 lb up at 24-0-0 on top chord, and 353 lb down and 161 lb up at 7-0-0, 78 lb down and 30 lb up at 9-0-12, 78 lb down and 30 lb up at 11-4-0, 85 lb down at 13-0-12, 85 lb down at 15-0-12, 85 lb down at 15-11-4, 85 lb down at 17-11-4, 85 lb down at 19-11-4, and 85 lb down at 21-11-4, and 294 lb down and 90 lb up at 23-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) Filler applied to ply: 1(Front)

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 2-24=-54, 2-3=-54, 3-8=-54, 8-11=-54, 1-20=-20, 2-17=-20, 15-16=-20, 10-15=-20
   Concentrated Loads (lb)
   Vert: 3=-94(F) 8=-180(F) 19=-353(F) 12=-284(F) 28=-94(F) 29=-94(F) 30=-106(F) 31=-106(F) 33=-106(F) 34=-106(F) 35=-106(F) 36=-106(F) 37=-73(F) 38=-73(F) 39=-61(F) 41=-61(F) 42=-61(F) 43=-61(F) 44=-61(F) 45=-61(F)

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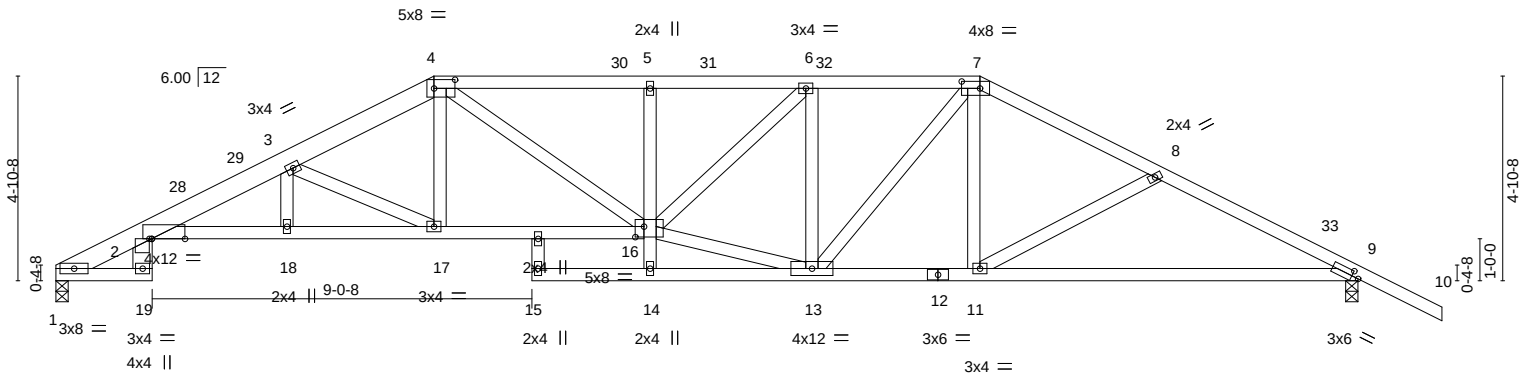
Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T02	Hip	1	1	T26813920
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:05 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-zCORoiBxhScnbtk98PC8TVgoR_F0Ne2K0nyEdozmUly

2-3-8	5-6-0	9-0-0	14-0-0	18-0-0	22-0-0	26-2-0	31-0-0	33-0-0
2-3-8	3-2-8	3-6-0	5-0-0	4-0-0	4-0-0	4-2-0	4-10-0	2-0-0

Scale = 1:54.9



2-3-8	5-6-0	9-0-0	11-4-0	14-0-0	18-0-0	22-0-0	31-0-0
2-3-8	3-2-8	3-6-0	2-4-0	2-8-0	4-0-0	4-0-0	9-0-0

Plate Offsets (X,Y)-- [2:0-0-0,0-0-11], [2:0-9-8,0-0-0], [4:0-6-0,0-2-8], [7:0-5-4,0-2-0], [9:0-1-15,0-1-8], [16:0-2-8,0-3-0]

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	0.64	Vert(LL)	-0.27	15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.79	Vert(CT)	-0.57	15	>657	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.28	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 182 lb	FT = 20%

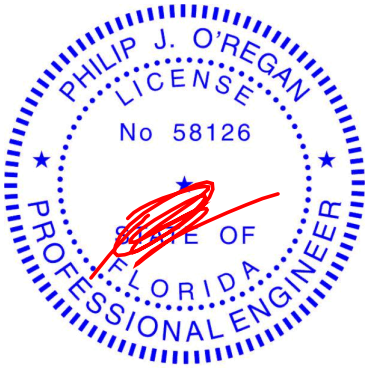
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-4: 2x6 SP M 26
BOT CHORD 2x4 SP No.2 *Except*
2-19: 2x6 SP No.2, 2-16: 2x4 SP M 31, 5-14: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-7-14 oc bracing. Except:
10-0-0 oc bracing: 14-16

REACTIONS. (size) 1=0-3-8, 9=0-3-8
Max Horz 1=-96(LC 17)
Max Uplift 1=-234(LC 12), 9=-284(LC 13)
Max Grav 1=1174(LC 1), 9=1276(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-24=-769/184, 2-3=-3361/661, 3-4=-2434/469, 4-5=-2578/488, 5-6=-2548/482, 6-7=-1937/414, 7-8=-1893/373, 8-9=-2156/449
BOT CHORD 2-19=-77/375, 2-18=-625/3187, 17-18=-625/3187, 16-17=-336/2117, 5-16=-254/125, 11-13=-204/1650, 9-11=-320/1888
WEBS 3-17=-1211/324, 4-17=-107/611, 4-16=-159/650, 13-16=-252/1892, 6-16=-160/836, 6-13=-792/191, 7-13=-155/509, 7-11=-28/378, 8-11=-282/160

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) 0-1-12 to 3-2-15, Interior(1) 3-2-15 to 9-0-0, Exterior(2R) 9-0-0 to 13-4-10, Interior(1) 13-4-10 to 22-0-0, Exterior(2R) 22-0-0 to 26-3-15, Interior(1) 26-3-15 to 33-0-0 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 234 lb uplift at joint 1 and 284 lb uplift at joint 9.



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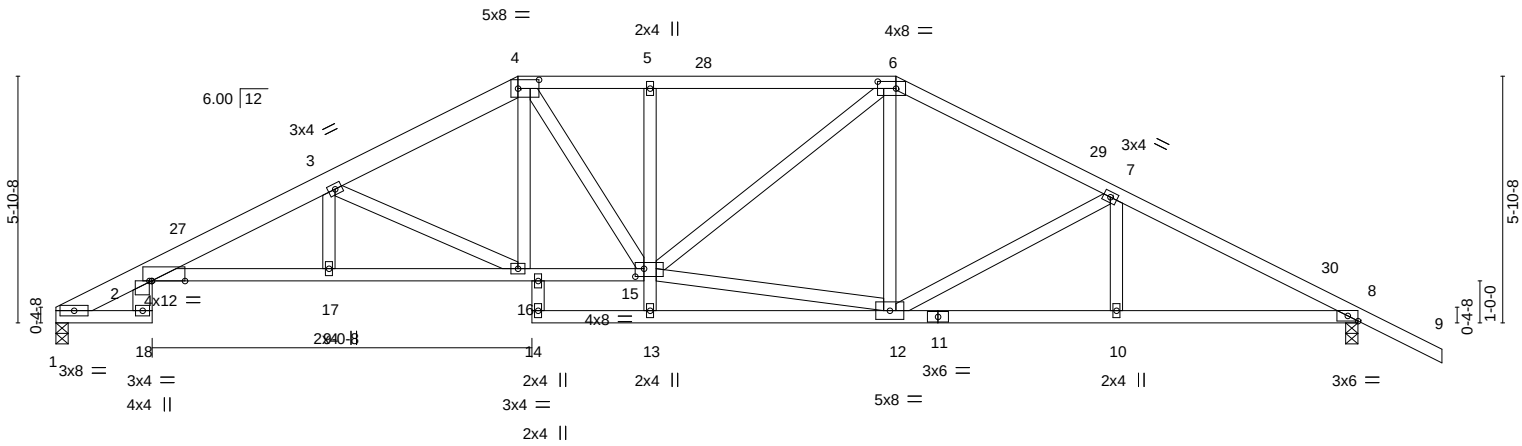
Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T03	Hip	1	1	T26813921
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:06 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-RPyp?2CZSlkeD1ILi6jN0iCzAOd8677UFRhn9EzmUlx

2-3-8	6-6-0	11-0-0	14-0-0	20-0-0	25-3-0	31-0-0	33-0-0
2-3-8	4-2-8	4-6-0	3-0-0	6-0-0	5-3-0	5-9-0	2-0-0

Scale = 1:54.9



2-3-8	6-6-0	11-0-0	11-4-0	14-0-0	20-0-0	25-3-0	31-0-0
2-3-8	4-2-8	4-6-0	0-4-0	2-8-0	6-0-0	5-3-0	5-9-0

Plate Offsets (X,Y)-- [2:0-0-0,0-0-11], [2:0-9-8,0-0-0], [4:0-6-0,0-2-8], [6:0-5-4,0-2-0], [8:0-2-15,Edge], [15:0-2-8,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	-0.25	2-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	-0.52	14	>711	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.28	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 187 lb	FT = 20%

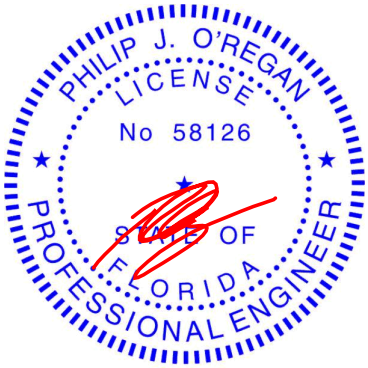
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-4: 2x6 SP M 26
BOT CHORD 2x4 SP No.2 *Except*
2-18: 2x6 SP No.2, 2-15: 2x4 SP M 31, 5-13: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
10-0-0 oc bracing: 13-15

REACTIONS. (size) 1=0-3-8, 8=0-3-8
Max Horz 1=-111(LC 17)
Max Uplift 1=-231(LC 12), 8=-282(LC 13)
Max Grav 1=1174(LC 1), 8=1276(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-23=-769/185, 2-3=-3079/594, 3-4=-2138/407, 4-5=-2012/416, 5-6=-2009/417, 6-7=-1750/369, 7-8=-2166/421
BOT CHORD 2-18=-79/375, 2-17=-563/2888, 16-17=-563/2888, 15-16=-259/1829, 5-15=-298/145, 10-12=-297/1882, 8-10=-297/1882
WEBS 3-17=-4/295, 3-16=-1195/342, 4-16=-118/594, 4-15=-113/416, 12-15=-161/1426, 6-15=-141/703, 7-12=-438/181

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) 0-1-12 to 3-2-15, Interior(1) 3-2-15 to 11-0-0, Exterior(2R) 11-0-0 to 15-4-10, Interior(1) 15-4-10 to 20-0-0, Exterior(2R) 20-0-0 to 24-4-10, Interior(1) 24-4-10 to 33-0-0 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 231 lb uplift at joint 1 and 282 lb uplift at joint 8.



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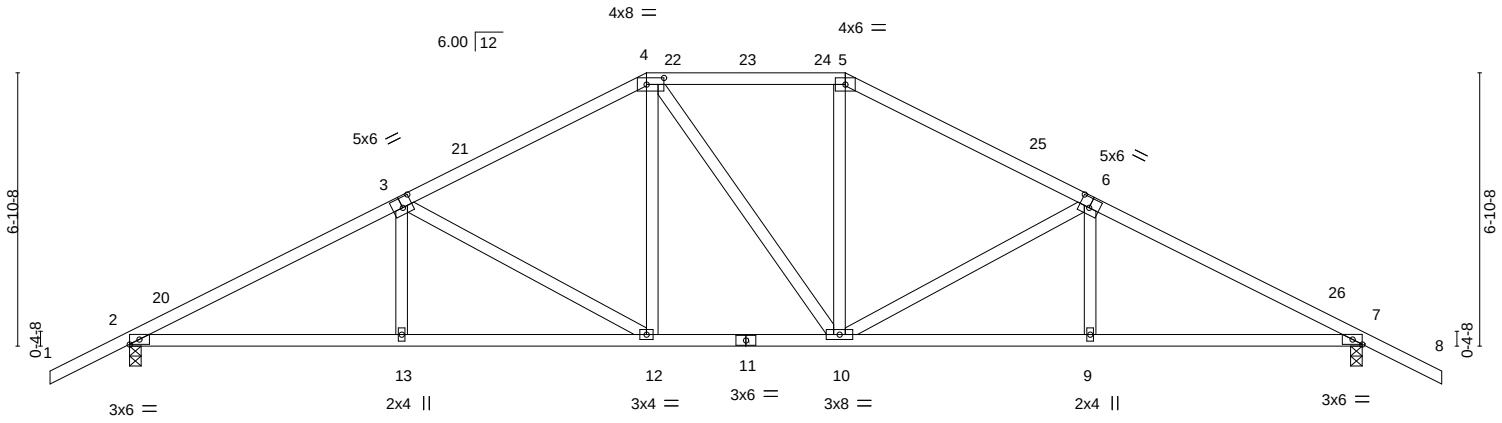
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T04	Hip	1	1	T26813922
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:07 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-vbWCDODCD3sVrBtXGqEcYwlBQo?nrb6dT5RKihzmUlw

-2-0-0	6-10-2	13-0-0	18-0-0	24-1-14	31-0-0	33-0-0
2-0-0	6-10-2	6-1-14	5-0-0	6-1-14	6-10-2	2-0-0

Scale = 1:57.9



6-10-2	13-0-0	18-0-0	24-1-14	31-0-0
6-10-2	6-1-14	5-0-0	6-1-14	6-10-2

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-5-4,0-2-0], [6:0-3-0,0-3-0], [7:0-2-15,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	0.42	Vert(LL)	-0.10	12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.58	Vert(CT)	-0.21	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.08	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 164 lb	FT = 20%

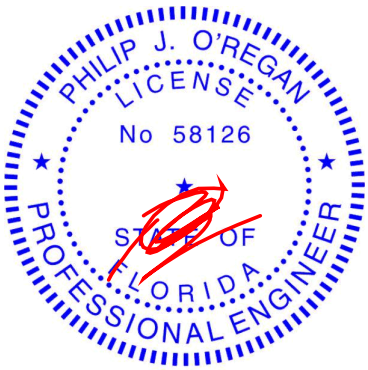
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-4-14 oc bracing.

REACTIONS. (size) 2=0-3-8, 7=0-3-8
Max Horz 2=112(LC 12)
Max Uplift 2=-286(LC 12), 7=-286(LC 13)
Max Grav 2=1255(LC 1), 7=1255(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2085/419, 3-4=-1551/360, 4-5=-1320/358, 5-6=-1552/360, 6-7=-2085/419
BOT CHORD 2-13=-387/1803, 12-13=-387/1804, 10-12=-191/1320, 9-10=-291/1804, 7-9=-291/1803
WEBS 3-13=0/276, 3-12=-565/225, 4-12=-75/413, 5-10=-67/413, 6-10=-565/226, 6-9=0/276

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-1-3, Interior(1) 1-1-3 to 13-0-0, Exterior(2R) 13-0-0 to 17-4-10, Interior(1) 17-4-10 to 18-0-0, Exterior(2R) 18-0-0 to 22-4-10, Interior(1) 22-4-10 to 33-0-0 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 2 and 286 lb uplift at joint 7.



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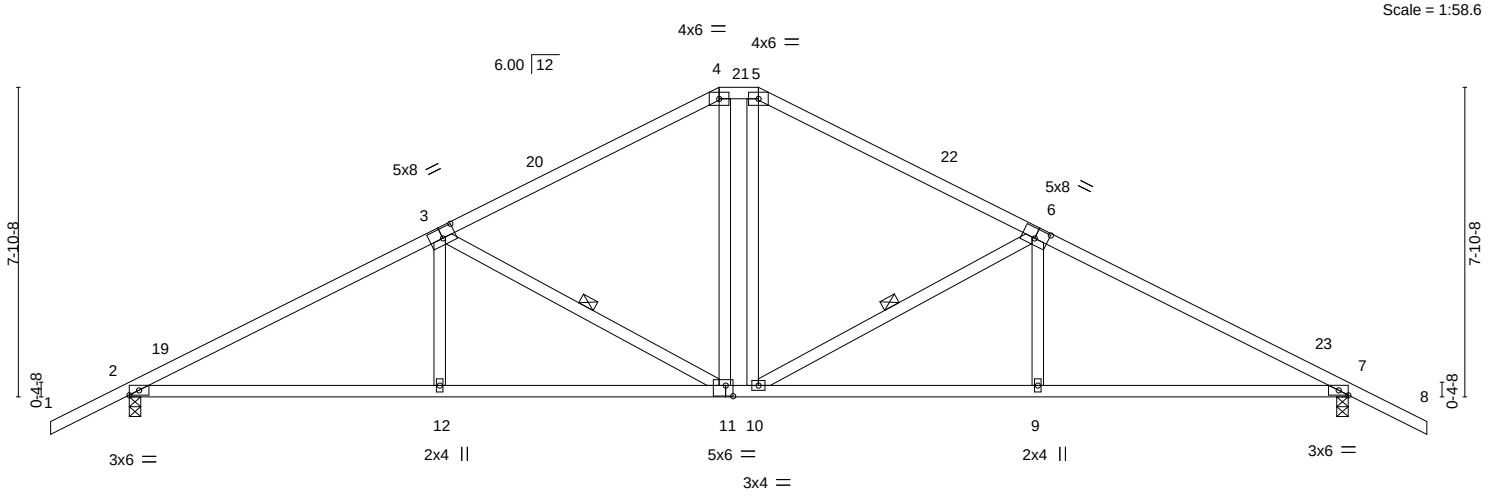
Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T05	Hip	1	1	T26813923
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:09 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-szeyd4ESlg6D4V1wNFG4dLqU2bfJJZGwxPwRmZzmUlu

-2-0-0	7-10-12	15-0-0	16-0-0	23-1-4	31-0-0	33-0-0
2-0-0	7-10-12	7-1-4	1-0-0	7-1-4	7-10-12	2-0-0

Scale = 1:58.6



7-10-12	15-0-0	16-0-0	23-1-4	31-0-0
7-10-12	7-1-4	1-0-0	7-1-4	7-10-12

Plate Offsets (X,Y)-- [3:0-4-0,0-3-0], [6:0-4-0,0-3-0], [7:0-2-15,Edge], [11:0-2-4,0-3-4]

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	0.60	Vert(LL)	-0.10	11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.70	Vert(CT)	-0.23	9-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.26	Horz(CT)	0.08	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 161 lb	FT = 20%

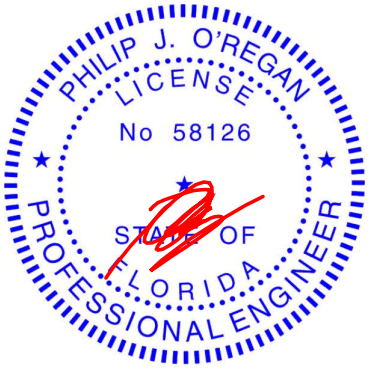
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-4-14 oc bracing.
WEBS 1 Row at midpt 3-11, 6-10

REACTIONS. (size) 2=0-3-8, 7=0-3-8
Max Horz 2=127(LC 12)
Max Uplift 2=-282(LC 12), 7=-282(LC 13)
Max Grav 2=1255(LC 1), 7=1255(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2041/403, 3-4=-1407/328, 4-5=-1179/327, 5-6=-1408/328, 6-7=-2041/403
BOT CHORD 2-12=-377/1754, 11-12=-377/1753, 10-11=-138/1179, 9-10=-256/1753, 7-9=-256/1754
WEBS 3-12=0/322, 3-11=-688/274, 4-11=-106/401, 5-10=-106/401, 6-10=-688/275, 6-9=0/322

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-1-3, Interior(1) 1-1-3 to 15-0-0, Exterior(2E) 15-0-0 to 16-0-0, Exterior(2R) 16-0-0 to 20-4-10, Interior(1) 20-4-10 to 33-0-0 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 282 lb uplift at joint 2 and 282 lb uplift at joint 7.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
February 11,2022

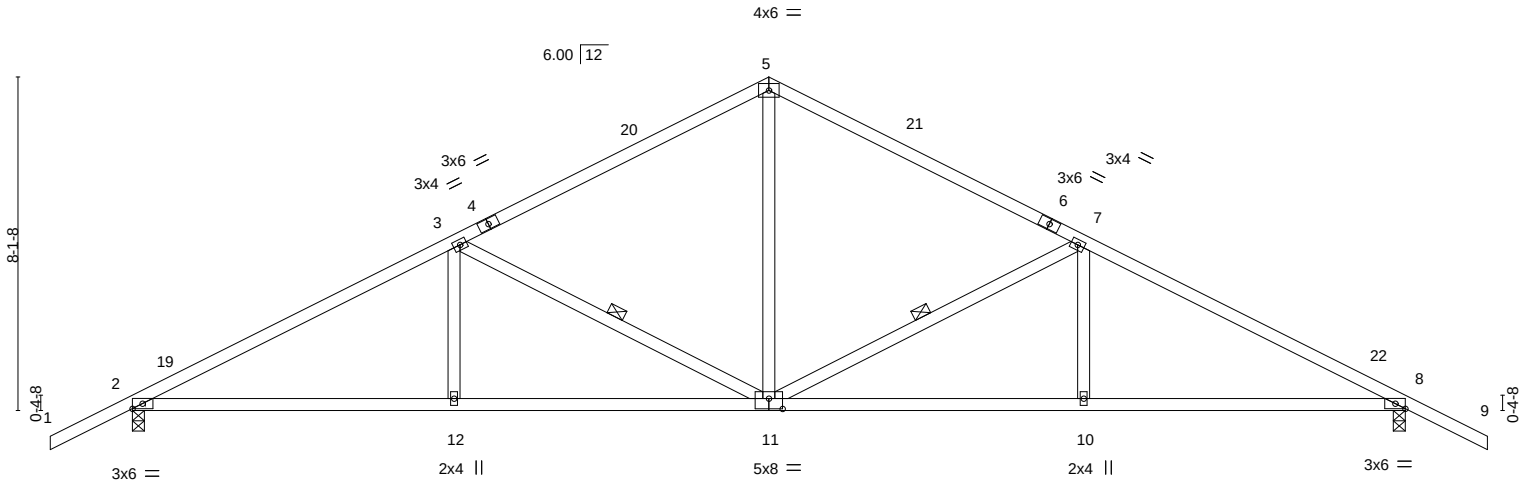
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T06	Common	3	1	T26813924
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:12 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-GYJ5G6HK1bUoxymV2NqnFzS_Vpg5WvOMdN85NuzmUlr

-2-0-0	7-10-0	15-6-0	23-2-0	31-0-0	33-0-0
2-0-0	7-10-0	7-8-0	7-8-0	7-10-0	2-0-0

Scale = 1:56.1



7-10-0	15-6-0	23-2-0	31-0-0
7-10-0	7-8-0	7-8-0	7-10-0

Plate Offsets (X,Y)-- [8:0-2-15,Edge], [11:0-4-0,0-3-0]

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	0.65	Vert(LL)	-0.10	11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.22	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.08	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 152 lb	FT = 20%

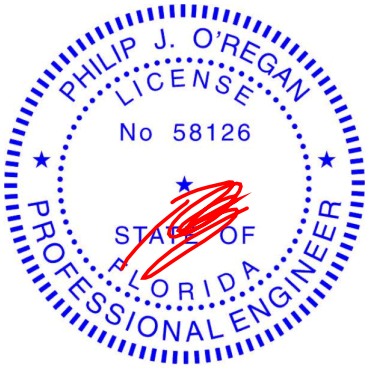
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-4-8 oc bracing.
WEBS 1 Row at midpt 7-11, 3-11

REACTIONS. (size) 2=0-3-8, 8=0-3-8
Max Horz 2=130(LC 12)
Max Uplift 2=-281(LC 12), 8=-281(LC 13)
Max Grav 2=1255(LC 1), 8=1255(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2048/402, 3-5=-1391/333, 5-7=-1391/333, 7-8=-2048/403
BOT CHORD 2-12=-382/1762, 11-12=-382/1762, 10-11=-260/1762, 8-10=-260/1762
WEBS 5-11=-124/781, 7-11=-703/282, 7-10=0/322, 3-11=-703/282, 3-12=0/322

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-1-3, Interior(1) 1-1-3 to 15-6-0, Exterior(2R) 15-6-0 to 18-7-3, Interior(1) 18-7-3 to 33-0-0 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 281 lb uplift at joint 2 and 281 lb uplift at joint 8.



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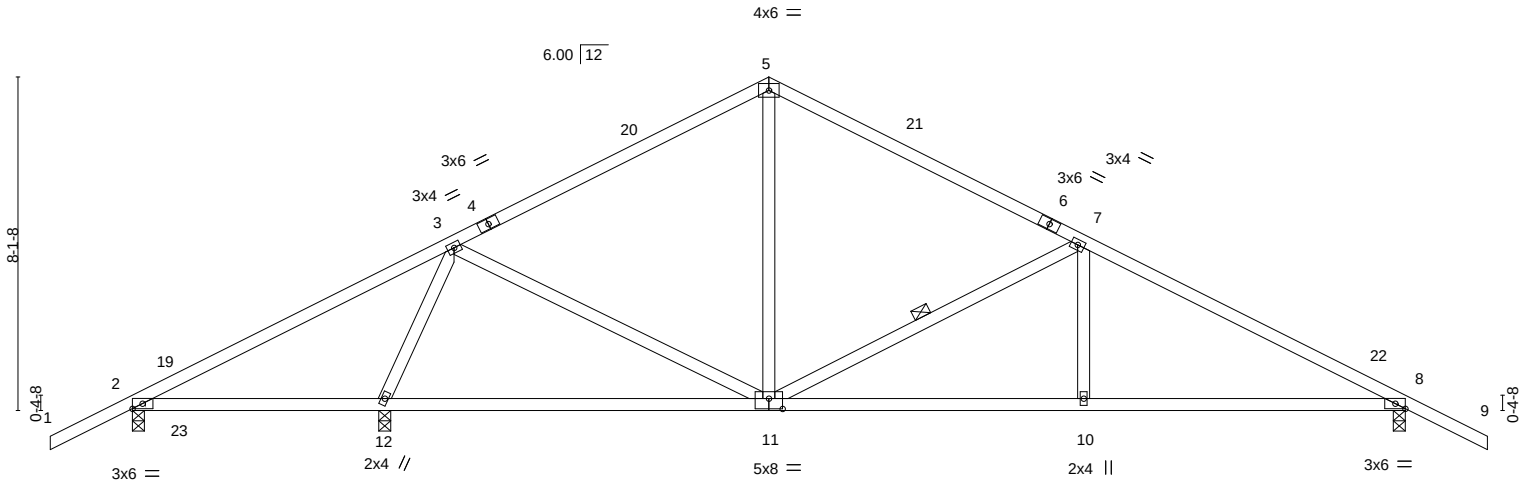
Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T06A	Common	2	1	T26813925
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:12 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-GYJ5G6HK1bUoxymV2NqnFzS_ppg4WscMdN85NuzmUlr

-2-0-0 2-0-0 | 7-10-0 7-10-0 | 15-6-0 7-8-0 | 23-2-0 7-8-0 | 31-0-0 7-10-0 | 33-0-0 2-0-0

Scale = 1:56.1



6-1-12 6-1-12 | 15-6-0 9-4-4 | 23-2-0 7-8-0 | 31-0-0 7-10-0

Plate Offsets (X,Y)-- [8:0-2-15,Edge], [11:0-4-0,0-3-0]

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	0.69	Vert(LL)	0.10	12-15	>736	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.70	Vert(CT)	-0.30	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 152 lb	FT = 20%

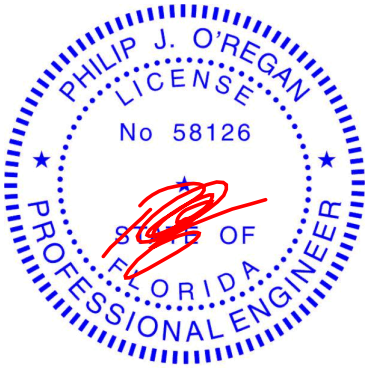
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 2-12.
WEBS 1 Row at midpt 7-11

REACTIONS. (size) 2=0-3-8, 12=0-3-8, 8=0-3-8
Max Horz 2=130(LC 12)
Max Uplift 2=-98(LC 8), 12=-253(LC 12), 8=-252(LC 13)
Max Grav 2=248(LC 23), 12=1333(LC 1), 8=994(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-77/405, 3-5=-816/245, 5-7=-815/244, 7-8=-1475/340
BOT CHORD 2-12=-272/157, 10-11=-197/1251, 8-10=-197/1251
WEBS 3-12=-1230/310, 3-11=-19/494, 5-11=-66/376, 7-11=-704/286, 7-10=0/311

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-1-3, Interior(1) 1-1-3 to 15-6-0, Exterior(2R) 15-6-0 to 18-7-3, Interior(1) 18-7-3 to 33-0-0 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 98 lb uplift at joint 2, 253 lb uplift at joint 12 and 252 lb uplift at joint 8.



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Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T07	Roof Special	5	1	T26813926
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:13 2022 Page 1
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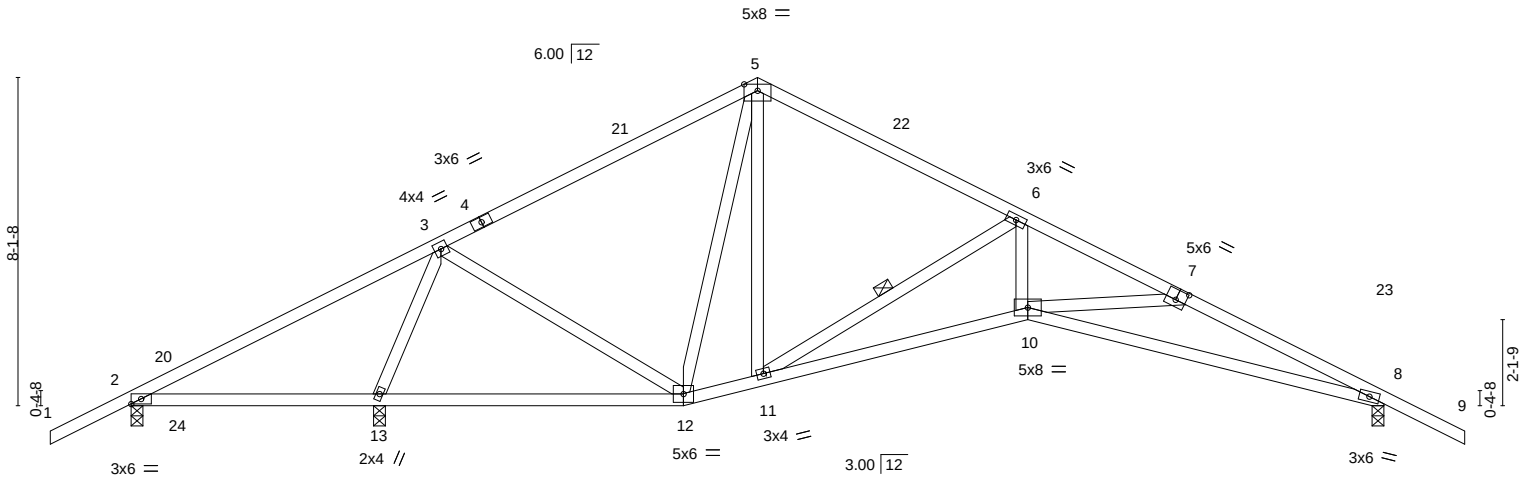
-2-0-0	7-8-0	15-6-0	22-2-4	25-10-0	31-0-0	33-0-0
2-0-0	7-8-0	7-10-0	6-8-4	3-7-12	5-2-0	2-0-0

Scale = 1:57.0



6-1-12	13-8-0	15-6-0	22-2-4	31-0-0
6-1-12	7-6-4	1-10-0	6-8-4	8-9-12

Plate Offsets (X,Y)-- [7:0-3-0,0-3-0]

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	0.90	Vert(LL)	-0.17	10-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.38	10-19	>790	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.14	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 164 lb	FT = 20%

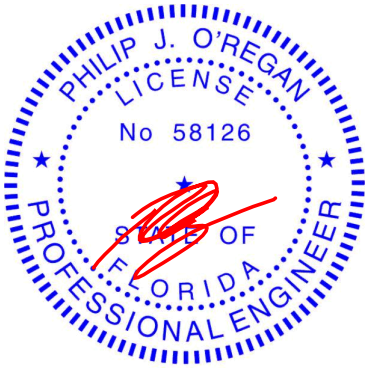
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-3-6 oc bracing.
WEBS 1 Row at midpt 6-11

REACTIONS. (size) 2=0-3-8, 8=0-3-8, 13=0-3-8
Max Horz 2=130(LC 12)
Max Uplift 2=-360(LC 24), 8=-233(LC 13), 13=-314(LC 12)
Max Grav 2=41(LC 23), 8=899(LC 1), 13=1813(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-176/1241, 3-5=-496/194, 5-6=-607/217, 6-7=-2009/387, 7-8=-2345/505
BOT CHORD 2-13=-1019/303, 12-13=-459/190, 11-12=-15/494, 10-11=-226/1779, 8-10=-375/2123
WEBS 3-13=-1740/368, 3-12=-94/849, 5-12=-536/58, 5-11=-82/572, 6-11=-1462/344, 6-10=-115/1108, 7-10=-269/159

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-1-3, Interior(1) 1-1-3 to 15-6-0, Exterior(2R) 15-6-0 to 18-7-3, Interior(1) 18-7-3 to 33-0-0 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.
6) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 360 lb uplift at joint 2, 233 lb uplift at joint 8 and 314 lb uplift at joint 13.



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Date:
February 11,2022

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T08	Roof Special	1	1	T26813927
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:14 2022 Page 1
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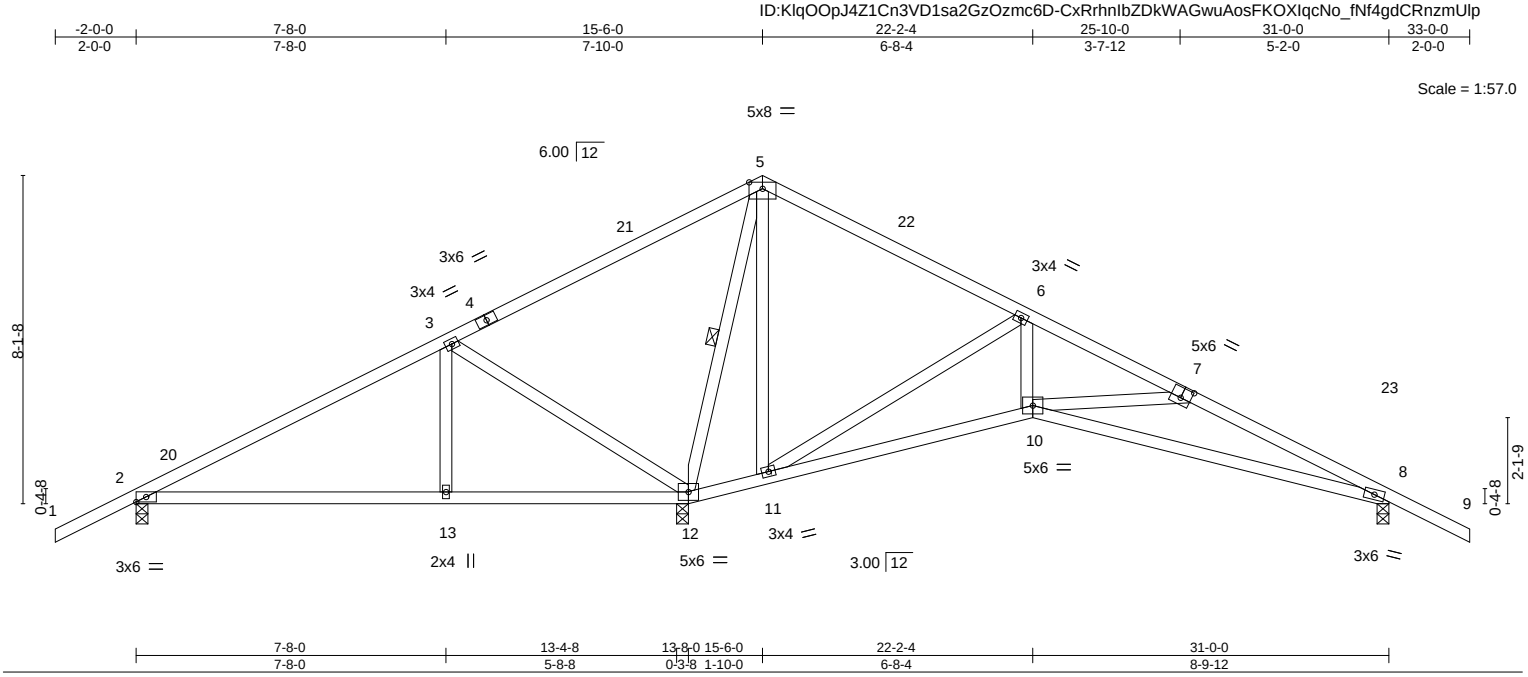


Plate Offsets (X,Y)-- [7:0-3-0,0-3-0]

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	0.79	Vert(LL)	-0.15	10-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.31	10-19	>681	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 163 lb	FT = 20%

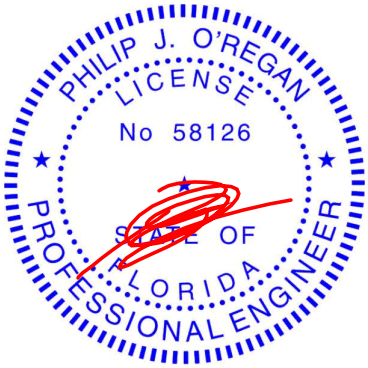
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-11-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-12

REACTIONS. (size) 2=0-3-8, 12=0-3-8, 8=0-3-8
Max Horz 2=130(LC 12)
Max Uplift 2=-129(LC 12), 12=-273(LC 12), 8=-165(LC 13)
Max Grav 2=461(LC 23), 12=1696(LC 1), 8=523(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-324/389, 3-5=-50/795, 5-6=-11/477, 6-7=-459/104, 7-8=-842/235
BOT CHORD 2-13=-321/228, 12-13=-321/228, 11-12=-370/254, 10-11=0/379, 8-10=-130/763
WEBS 3-13=0/317, 3-12=-673/272, 5-12=-1224/173, 5-11=-34/396, 6-11=-807/222, 6-10=0/511, 7-10=-360/175

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-1-3, Interior(1) 1-1-3 to 15-6-0, Exterior(2R) 15-6-0 to 18-7-3, Interior(1) 18-7-3 to 33-0-0 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) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 2, 273 lb uplift at joint 12 and 165 lb uplift at joint 8.



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Date:
February 11,2022

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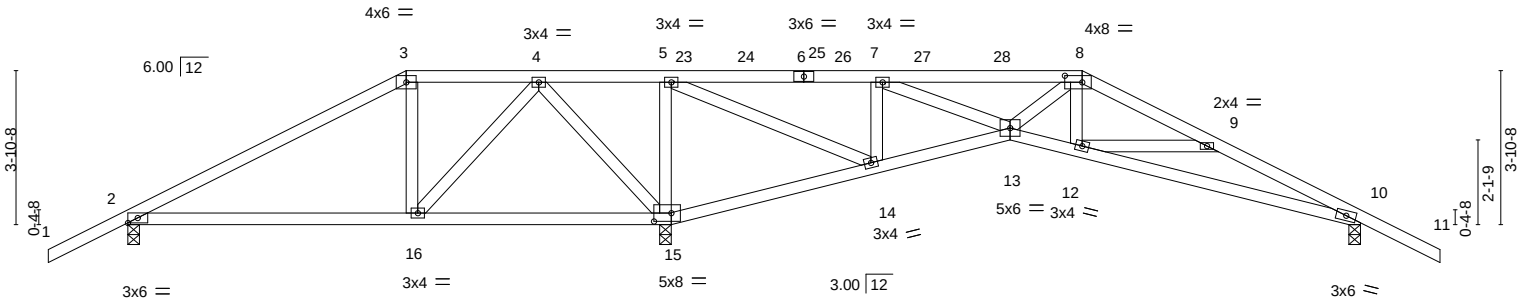
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T09	Hip Girder	1	1	T26813928
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:16 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-9KZb5TKr5q_DQZ3GHDujQpdh4Q5fSiPyY_6JWfzmUln

-2-0-0	7-0-0	10-4-0	13-8-0	18-10-0	24-0-0	27-1-11	31-0-0	33-0-0
2-0-0	7-0-0	3-4-0	3-4-0	5-2-0	5-2-0	3-1-11	3-10-5	2-0-0

Scale = 1:57.9



7-0-0	13-4-8	13-8-0	18-10-0	22-2-4	24-0-0	31-0-0
7-0-0	6-4-8	0-3-8	5-2-0	3-4-4	1-9-12	7-0-0

Plate Offsets (X,Y)-- [8:0-5-4,0-2-0], [15:0-5-4,0-2-8]

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	0.55	Vert(LL)	0.06	16-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.12	16-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.36	Horz(CT)	0.03	10	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 152 lb	FT = 20%

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

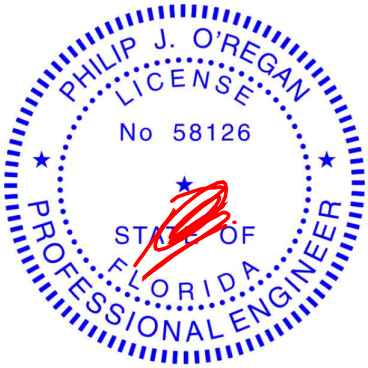
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-11-12 oc bracing.

REACTIONS. (size) 2=0-3-8, 15=0-3-8, 10=0-3-8
Max Horz 2=-67(LC 9)
Max Uplift 2=-184(LC 34), 15=-402(LC 4), 10=-190(LC 9)
Max Grav 2=426(LC 26), 15=1491(LC 1), 10=532(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-5=-177/890, 7-8=-492/206, 8-9=-695/240, 9-10=-1022/368
BOT CHORD 15-16=-405/253, 14-15=-954/348, 12-13=-99/616, 10-12=-263/923
WEBS 3-16=-265/103, 4-16=-102/597, 4-15=-785/182, 5-15=-588/256, 5-14=-312/933, 7-14=-484/226, 7-13=-112/585, 8-12=-11/285, 9-12=-296/185

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 184 lb uplift at joint 2, 402 lb uplift at joint 15 and 190 lb uplift at joint 10.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 31 lb down and 24 lb up at 13-11-4, 31 lb down and 24 lb up at 15-11-4, 31 lb down and 24 lb up at 17-11-4, 31 lb down and 24 lb up at 19-11-4, and 31 lb down and 24 lb up at 21-11-4, and 44 lb down and 37 lb up at 24-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-8=-54, 8-11=-54, 15-17=-20, 13-15=-20, 13-20=-20



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Date:
February 11,2022

Continued on page 2

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LOAD CASE(S) Standard

Concentrated Loads (lb)

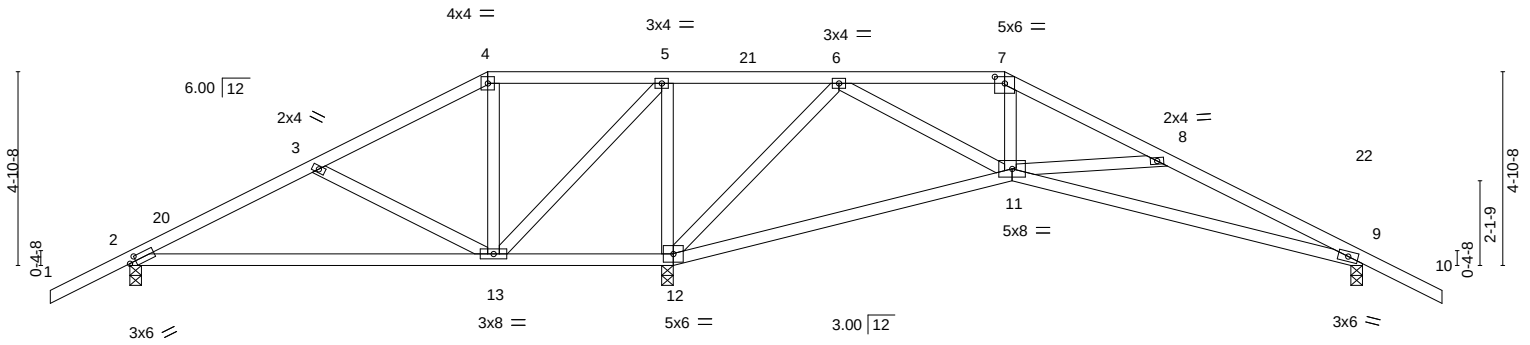
Vert: 8=19(B) 23=19(B) 25=19(B) 26=19(B) 27=19(B) 28=19(B)

Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC T26813929
3070916	T10	Hip	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:17 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-dW7_JpKTs8642jeSrwPyy19tvqNxB5j6ness26zmUlm

-2-0-0	4-9-0	9-0-0	13-8-0	17-10-0	22-0-0	25-10-0	31-0-0	33-0-0
2-0-0	4-9-0	4-3-0	4-8-0	4-2-0	4-2-0	3-10-0	5-2-0	2-0-0

Scale = 1:57.9



9-0-0	13-4-8	13-8-0	22-2-4	31-0-0
9-0-0	4-4-8	0-3-8	8-6-4	8-9-12

Plate Offsets (X,Y)-- [2:0-1-15,0-1-8], [7:0-3-0,0-2-0]

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	0.48	Vert(LL)	-0.19	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.38	11-12	>542	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.03	9	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 157 lb	FT = 20%

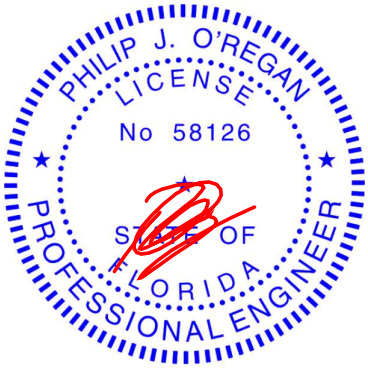
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 9-11.

REACTIONS. (size) 2=0-3-8, 12=0-3-8, 9=0-3-8
Max Horz 2=82(LC 12)
Max Uplift 2=-148(LC 12), 12=-264(LC 13), 9=-175(LC 13)
Max Grav 2=432(LC 23), 12=1611(LC 1), 9=559(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-320/193, 3-4=-55/291, 4-5=-23/259, 5-6=-81/764, 6-7=-459/128, 7-8=-573/108, 8-9=-1034/297
BOT CHORD 2-13=-146/267, 12-13=-737/263, 11-12=-253/139, 9-11=-190/943
WEBS 3-13=-324/166, 4-13=-292/93, 5-13=-155/807, 5-12=-844/227, 6-12=-800/204, 6-11=-83/728, 8-11=-440/241

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-1-3, Interior(1) 1-1-3 to 9-0-0, Exterior(2R) 9-0-0 to 13-6-4, Interior(1) 13-6-4 to 22-0-0, Exterior(2R) 22-0-0 to 26-1-8, Interior(1) 26-1-8 to 33-0-0 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) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 148 lb uplift at joint 2, 264 lb uplift at joint 12 and 175 lb uplift at joint 9.



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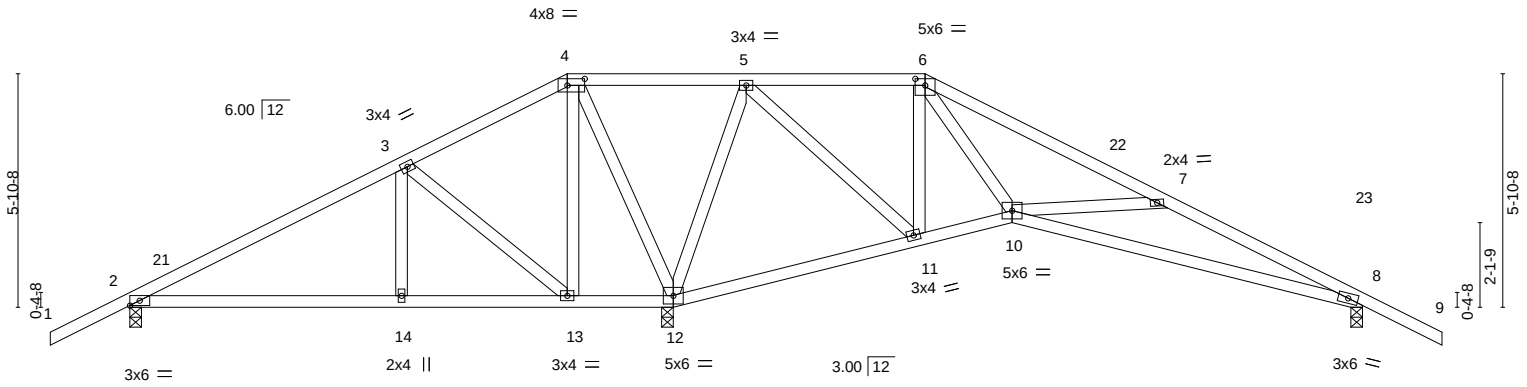
Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T11	Hip	1	1	T26813930
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:27 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-KRjmPESkVCNgEGPNR1bIM8ac?spZXela4CHOPXzmUlc

-2-0-0	6-10-0	11-0-0	15-6-0	20-0-0	25-10-0	31-0-0	33-0-0
2-0-0	6-10-0	4-2-0	4-6-0	4-6-0	5-10-0	5-2-0	2-0-0

Scale = 1:57.9



6-10-0	11-0-0	13-4-8	13-8-0	20-0-0	22-2-4	31-0-0
6-10-0	4-2-0	2-4-8	0-3-8	6-4-0	2-2-4	8-9-12

Plate Offsets (X,Y)-- [4:0-5-4,0-2-0], [6:0-3-0,0-2-0]

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	0.44	Vert(LL)	-0.15	10-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.30	10-20	>693	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 167 lb	FT = 20%

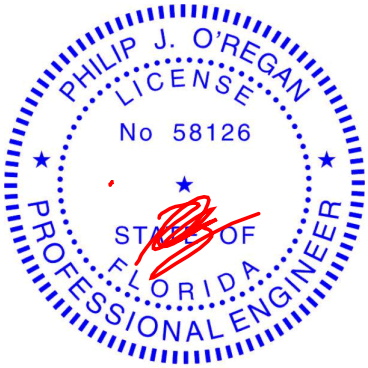
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 12=0-3-8, 8=0-3-8
Max Horz 2=-97(LC 13)
Max Uplift 2=-140(LC 12), 12=-277(LC 13), 8=-166(LC 13)
Max Grav 2=435(LC 23), 12=1680(LC 1), 8=531(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-287/330, 3-4=-57/517, 4-5=-64/751, 6-7=-395/53, 7-8=-969/302
BOT CHORD 2-14=-272/195, 13-14=-272/195, 12-13=-448/246, 11-12=-542/241, 8-10=-200/891
WEBS 3-14=0/268, 3-13=-490/184, 4-13=-91/329, 4-12=-795/185, 5-12=-768/174, 5-11=-118/675, 6-11=-495/129, 6-10=-12/446, 7-10=-572/321

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-1-3, Interior(1) 1-1-3 to 11-0-0, Exterior(2R) 11-0-0 to 15-6-0, Interior(1) 15-6-0 to 20-0-0, Exterior(2R) 20-0-0 to 24-4-10, Interior(1) 24-4-10 to 33-0-0 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) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 140 lb uplift at joint 2, 277 lb uplift at joint 12 and 166 lb uplift at joint 8.



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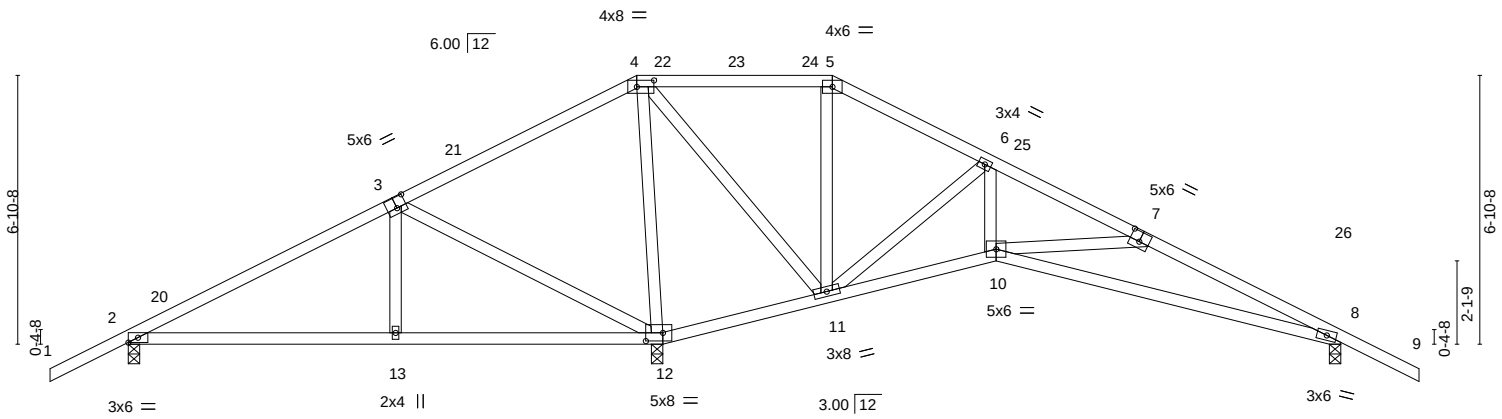
Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC T26813931
3070916	T12	Hip	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:36 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-ZAm9IJZOOzWOpeb6SQFPE1S6xUti8c3v86yNDVzmUlT

-2-0-0	6-10-0	13-0-0	18-0-0	22-2-4	25-10-0	31-0-0	33-0-0
2-0-0	6-10-0	6-2-0	5-0-0	4-2-4	3-7-12	5-2-0	2-0-0

Scale = 1:58.9



6-10-0	13-4-8	13-8-0	18-0-0	22-2-4	31-0-0
6-10-0	6-6-8	0-3-8	4-4-0	4-2-4	8-9-12

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

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	0.55	Vert(LL)	-0.15	10-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.31	10-19	>675	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 164 lb	FT = 20%

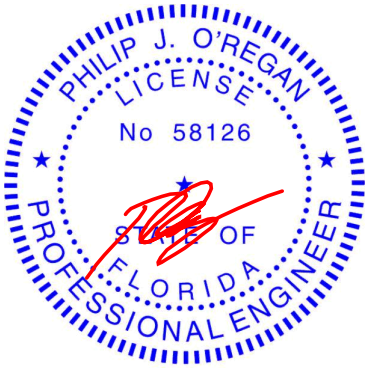
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 8=0-3-8, 12=0-3-8
Max Horz 2=-112(LC 13)
Max Uplift 2=-136(LC 12), 8=-171(LC 13), 12=-267(LC 12)
Max Grav 2=450(LC 23), 8=536(LC 24), 12=1678(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-336/328, 3-4=-48/702, 5-6=0/260, 6-7=-476/107, 7-8=-913/268
BOT CHORD 2-13=-270/243, 12-13=-269/244, 11-12=-716/287, 10-11=0/376, 8-10=-161/830
WEBS 3-13=0/312, 3-12=-621/232, 4-12=-1130/220, 4-11=-140/738, 5-11=-333/83, 6-11=-638/157, 6-10=-14/480, 7-10=-414/211

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-1-3, Interior(1) 1-1-3 to 13-0-0, Exterior(2R) 13-0-0 to 17-4-10, Interior(1) 17-4-10 to 18-0-0, Exterior(2R) 18-0-0 to 22-4-10, Interior(1) 22-4-10 to 33-0-0 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) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 136 lb uplift at joint 2, 171 lb uplift at joint 8 and 267 lb uplift at joint 12.



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February 11,2022

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Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T13	Hip	1	1	T26813932
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:39 2022 Page 1
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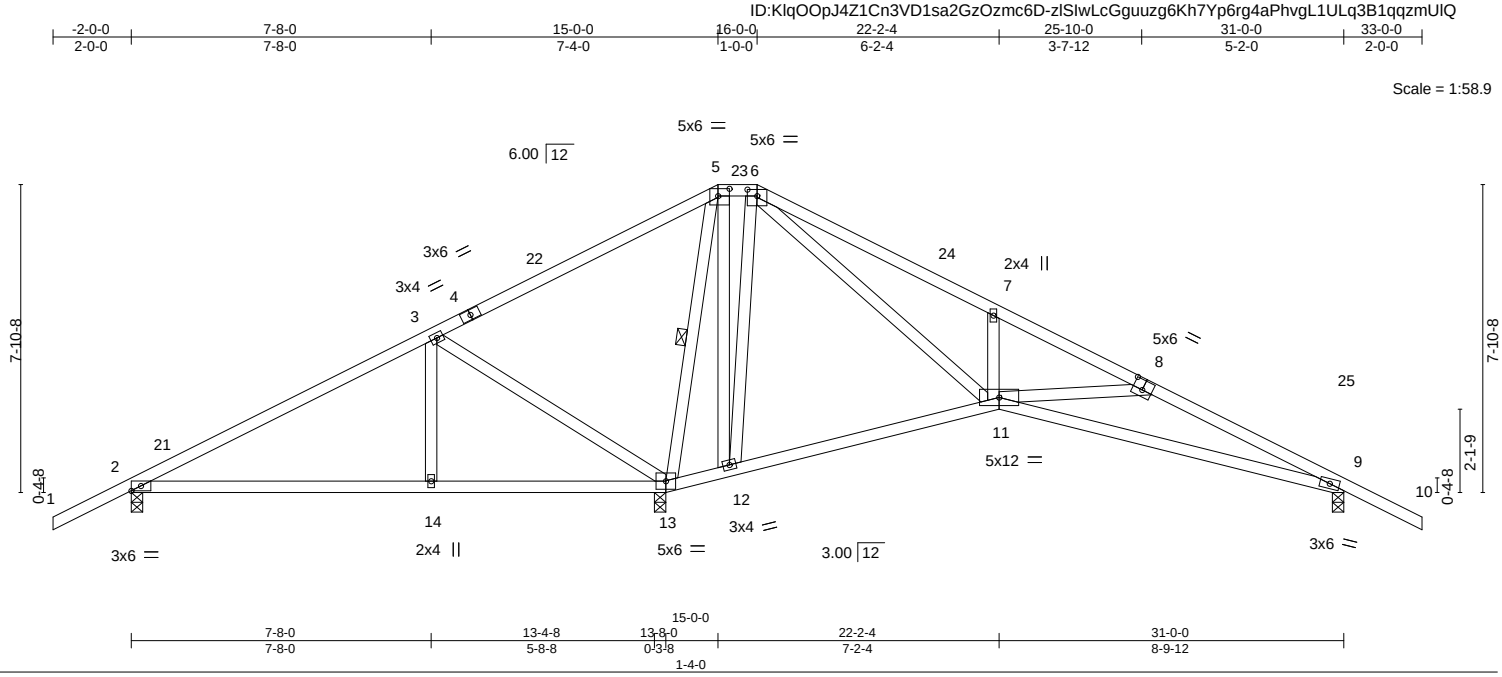


Plate Offsets (X,Y)-- [5:0-3-8,0-2-4], [6:0-3-0,0-2-0], [8:0-3-0,0-3-0]

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	0.73	Vert(LL)	-0.15	11-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.31	11-20	>675	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.03	9	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 174 lb	FT = 20%

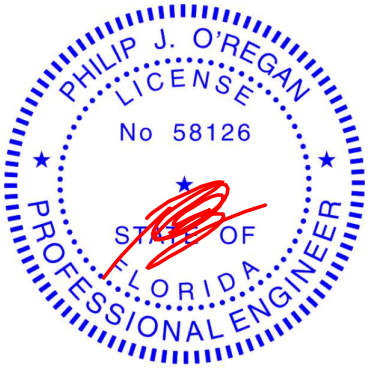
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-11-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 9-11.
WEBS 1 Row at midpt 5-13

REACTIONS. (size) 2=0-3-8, 13=0-3-8, 9=0-3-8
Max Horz 2=127(LC 12)
Max Uplift 2=-126(LC 12), 13=-280(LC 12), 9=-159(LC 13)
Max Grav 2=457(LC 23), 13=1706(LC 1), 9=519(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-310/403, 3-5=-61/792, 5-6=0/399, 6-7=-492/198, 7-8=-433/73, 8-9=-835/216
BOT CHORD 2-14=-333/215, 13-14=-333/215, 12-13=-442/277, 11-12=-374/256, 9-11=-113/758
WEBS 3-14=0/317, 3-13=-653/260, 5-13=-1216/175, 5-12=-124/710, 6-12=-636/169, 6-11=-228/907, 7-11=-304/203, 8-11=-371/189

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-1-3, Interior(1) 1-1-3 to 15-0-0, Exterior(2E) 15-0-0 to 16-0-0, Exterior(2R) 16-0-0 to 20-4-10, Interior(1) 20-4-10 to 33-0-0 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) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 126 lb uplift at joint 2, 280 lb uplift at joint 13 and 159 lb uplift at joint 9.



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February 11,2022

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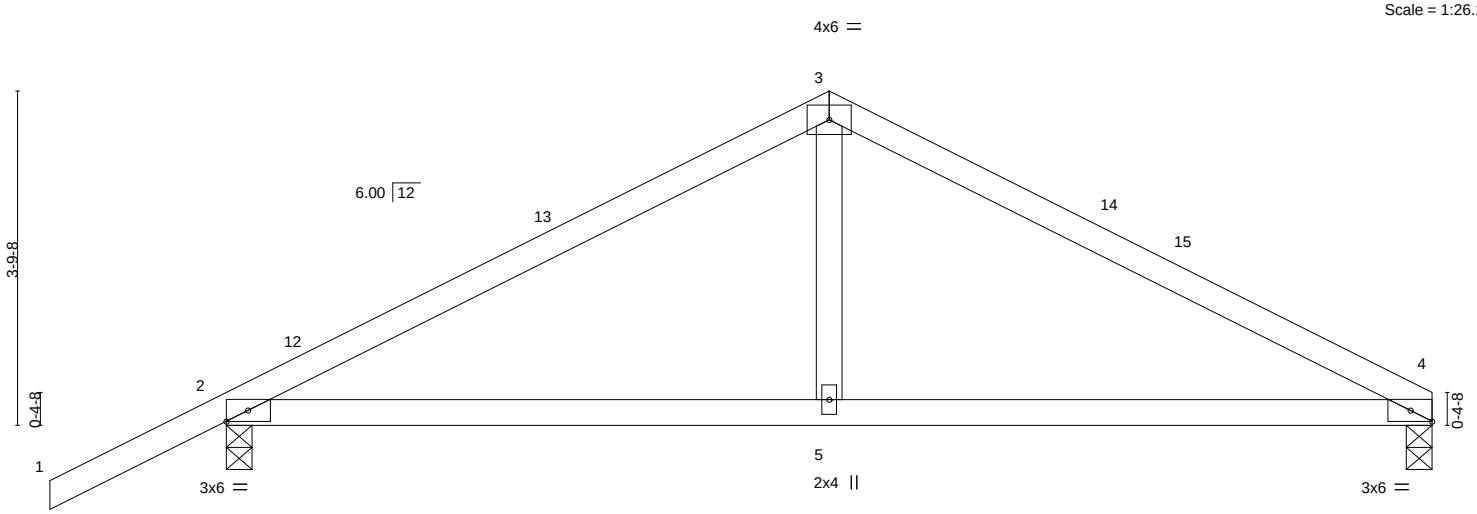
Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T14	Common	3	1	T26813933
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:41 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-w7a2L0dXCW8gwPU4Fzraw59z3VdCp4LeINg7ujzmUlO

-2-0-0 2-0-0 | 6-10-0 6-10-0 | 13-8-0 6-10-0

Scale = 1:26.1



6-10-0 6-10-0 | 13-8-0 6-10-0

Plate Offsets (X,Y)-- [4:0-2-15,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	0.53	Vert(LL)	-0.08	5-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.14	5-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 52 lb	FT = 20%

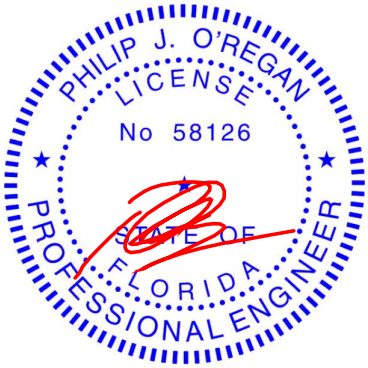
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=0-3-8, 2=0-3-8
Max Horz 2=80(LC 16)
Max Uplift 4=-103(LC 13), 2=-151(LC 12)
Max Grav 4=498(LC 1), 2=622(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-704/256, 3-4=-701/267
BOT CHORD 2-5=-153/563, 4-5=-153/563
WEBS 3-5=-7/313

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 6-10-0, Exterior(2R) 6-10-0 to 9-10-0, Interior(1) 9-10-0 to 13-8-0 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 103 lb uplift at joint 4 and 151 lb uplift at joint 2.



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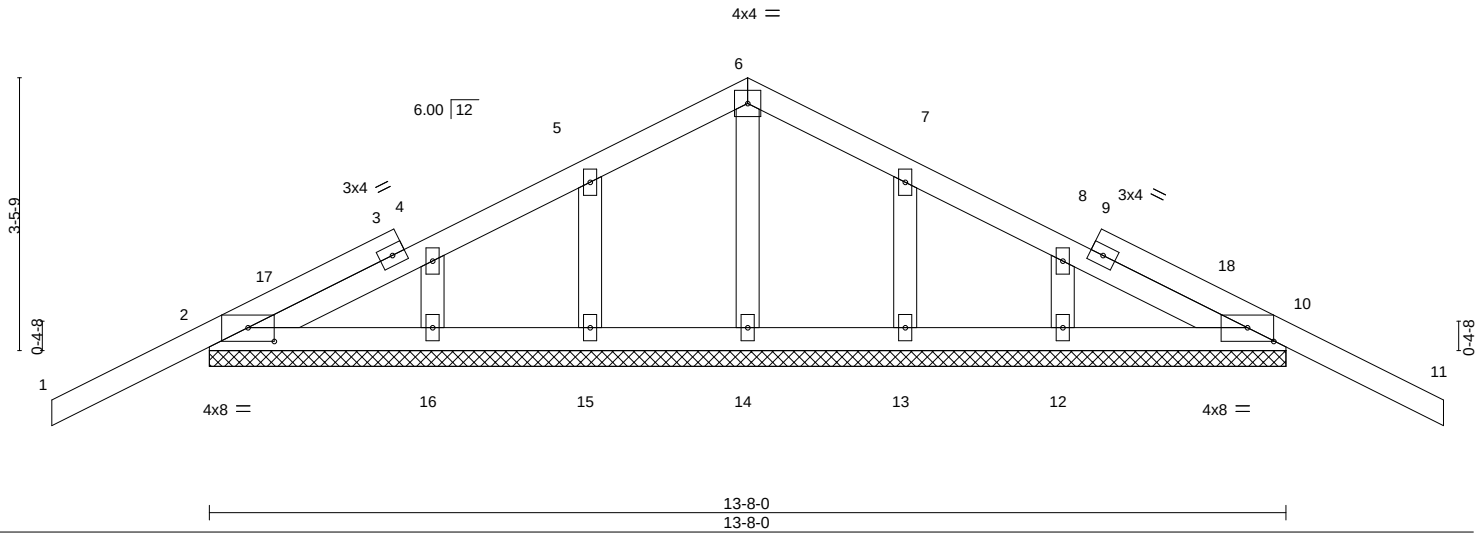
Job	Truss	Truss Type	Qty	Ply	EVANS - FT WHITE SPEC
3070916	T14G	Common Supported Gable	1	1	T26813934
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Feb 10 16:09:42 2022 Page 1
ID:KlqOOpJ4Z1Cn3VD1sa2GzOzmc6D-OK7QZMe9zpGXXZ3GpgMpTIiDRv4AYYvnW1PhR9zmUlN

-2-0-0 2-0-0 | 6-10-0 6-10-0 | 13-8-0 6-10-0 | 15-8-0 2-0-0

Scale = 1:29.2



13-8-0
13-8-0

Plate Offsets (X,Y)-- [2:0-4-0,0-2-1], [10:0-4-0,0-2-1]

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	0.23	Vert(LL)	-0.02	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	-0.03	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 69 lb	FT = 20%

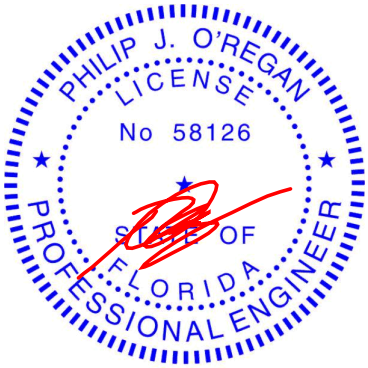
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 13-8-0.
(lb) - Max Horz 2=-61(LC 13)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10, 15, 16, 13, 12
Max Grav All reactions 250 lb or less at joint(s) 2, 10, 14, 15, 16, 13, 12

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Corner(3E) -2-0-0 to 1-0-0, Exterior(2N) 1-0-0 to 6-10-0, Corner(3R) 6-10-0 to 9-10-0, Exterior(2N) 9-10-0 to 15-8-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10, 15, 16, 13, 12.
11) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.



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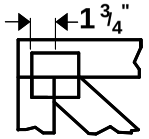
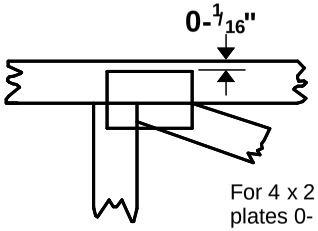
Symbols

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.

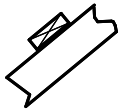
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

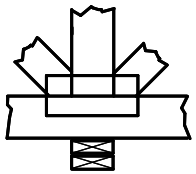
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

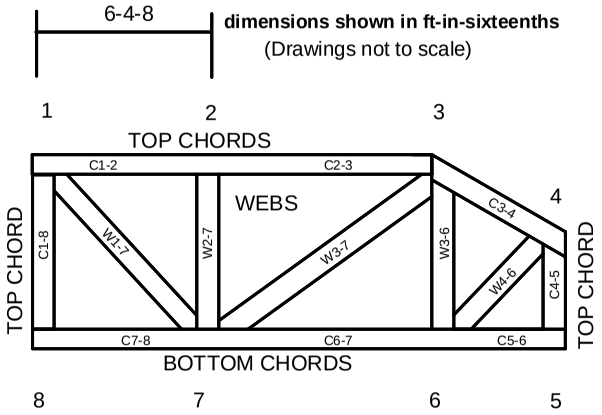


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

MiTek Engineering Reference Sheet: MII-7473 rev. 5/19/2020

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/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 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/TPI 1 Quality Criteria.

21.The design does not take into account any dynamic or other loads other than those expressly stated.