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

RE: 2779092 - IC CONST. - SCHEFFLER RES.

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

Site Information:

Customer Info: IC CONSTRUCTION Project Name: Scheffler Res. 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):

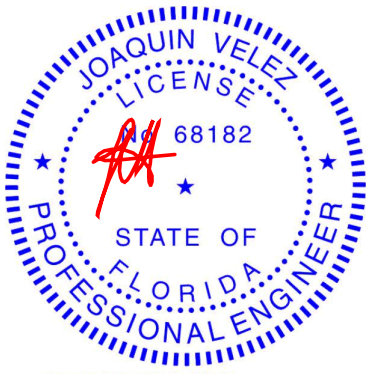
Design Code: FBC2020/TPI2014 Design Program: MiTek 20/20 8.4
Wind Code: ASCE 7-16 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 55 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	T23930941	CJ01	5/13/21	23	T23930963	HJ08A	5/13/21
2	T23930942	CJ01B	5/13/21	24	T23930964	HJ10	5/13/21
3	T23930943	CJ02	5/13/21	25	T23930965	HJ10A	5/13/21
4	T23930944	CJ02A	5/13/21	26	T23930966	T01	5/13/21
5	T23930945	CJ03	5/13/21	27	T23930967	T01G	5/13/21
6	T23930946	CJ03A	5/13/21	28	T23930968	T02	5/13/21
7	T23930947	CJ03B	5/13/21	29	T23930969	T03	5/13/21
8	T23930948	CJ04	5/13/21	30	T23930970	T04	5/13/21
9	T23930949	CJ05	5/13/21	31	T23930971	T05	5/13/21
10	T23930950	CJ05A	5/13/21	32	T23930972	T06	5/13/21
11	T23930951	CJ05B	5/13/21	33	T23930973	T07	5/13/21
12	T23930952	EJ01	5/13/21	34	T23930974	T08	5/13/21
13	T23930953	EJ02	5/13/21	35	T23930975	T09	5/13/21
14	T23930954	EJ03	5/13/21	36	T23930976	T10	5/13/21
15	T23930955	EJ04	5/13/21	37	T23930977	T11	5/13/21
16	T23930956	EJ05	5/13/21	38	T23930978	T12	5/13/21
17	T23930957	EJ06	5/13/21	39	T23930979	T13	5/13/21
18	T23930958	EJ07	5/13/21	40	T23930980	T14	5/13/21
19	T23930959	EJ08	5/13/21	41	T23930981	T15	5/13/21
20	T23930960	EJ09	5/13/21	42	T23930982	T16	5/13/21
21	T23930961	EJ10	5/13/21	43	T23930983	T17	5/13/21
22	T23930962	HJ07	5/13/21	44	T23930984	T18	5/13/21

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-Jacksonville.

Truss Design Engineer's Name: Velez, Joaquin
My license renewal date for the state of Florida is February 28, 2023.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: May 13,2021

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.

RE: 2779092 - IC CONST. - SCHEFFLER RES.

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

Site Information:

Customer Info: IC CONSTRUCTION Project Name: Scheffler Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: TBD, TBD
City: Columbia Cty State: FL

No.	Seal#	Truss Name	Date
45	T23930985	T19	5/13/21
46	T23930986	T20	5/13/21
47	T23930987	T21	5/13/21
48	T23930988	T22	5/13/21
49	T23930989	T23	5/13/21
50	T23930990	T24	5/13/21
51	T23930991	T25	5/13/21
52	T23930992	T25G	5/13/21
53	T23930993	T26	5/13/21
54	T23930994	T27	5/13/21
55	T23930995	T28G	5/13/21

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930941
2779092	CJ01	Jack-Open	4	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:39 2021 Page 1
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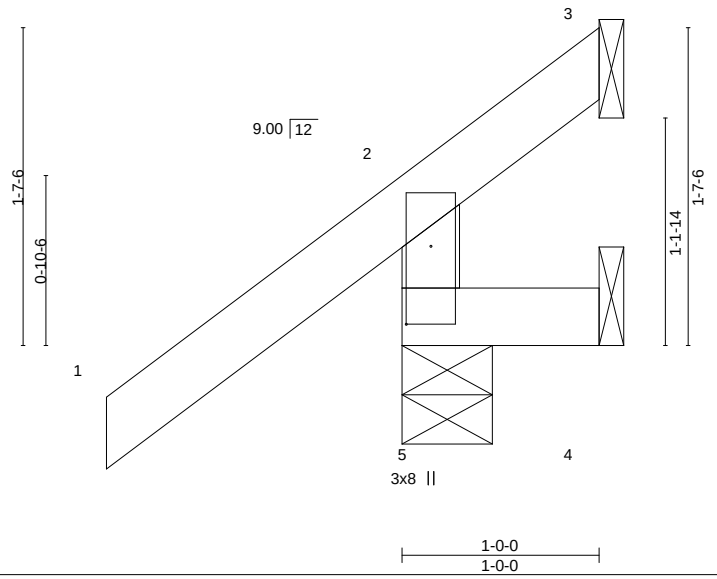


1-0-0 1-0-0

Plate Offsets (X,Y)-- [5:0-4-12,0-1-8]

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	0.29	Vert(LL)	0.00	5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	0.00	5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 7 lb	FT = 20%

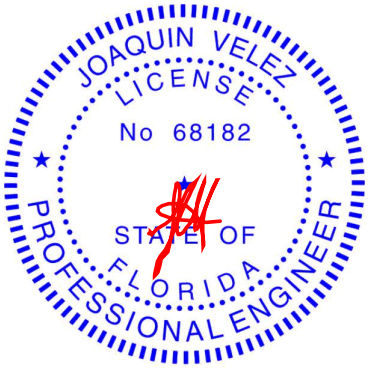
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=0-5-8, 3=Mechanical, 4=Mechanical
Max Horz 5=50(LC 12)
Max Uplift 5=-54(LC 12), 3=-41(LC 1), 4=-15(LC 1)
Max Grav 5=207(LC 1), 3=12(LC 16), 4=10(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) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 3, 4.



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Date:
May 13,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930942
2779092	CJ01B	Jack-Open	4	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:40 2021 Page 1
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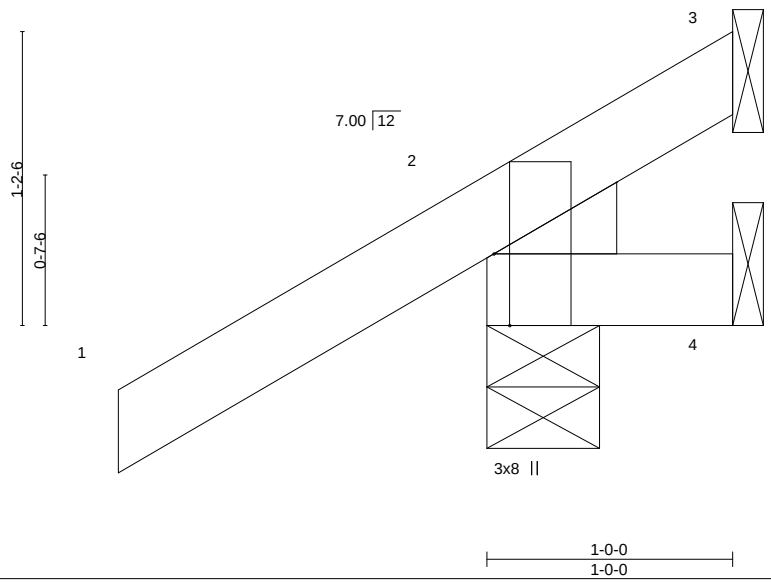


1-0-0 1-0-0

Plate Offsets (X,Y)-- [2:0-3-8,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	0.16	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.02	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%

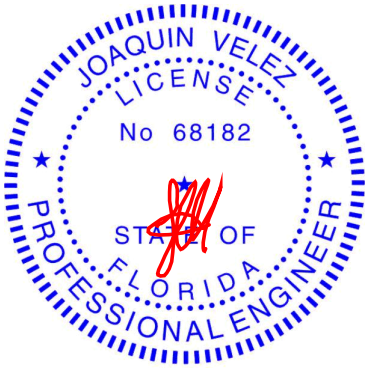
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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=0-5-8, 4=Mechanical
Max Horz 2=46(LC 12)
Max Uplift 3=-7(LC 1), 2=-57(LC 12), 4=-18(LC 1)
Max Grav 3=6(LC 8), 2=179(LC 1), 4=13(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;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 4.



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6904 Parke East Blvd. Tampa FL 33610
Date:
May 13,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930943
2779092	CJ02	Jack-Open	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:40 2021 Page 1
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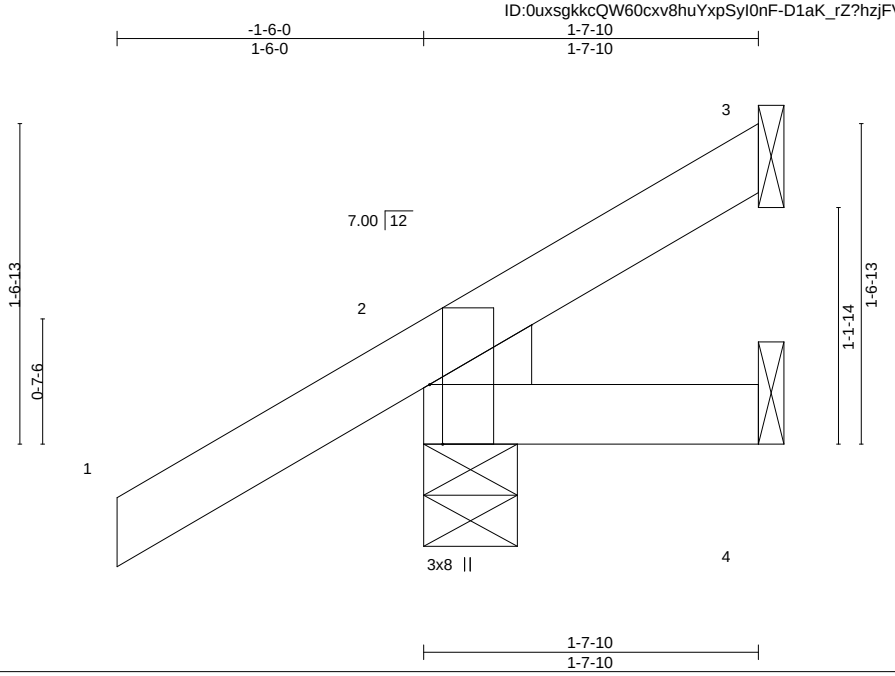


Plate Offsets (X,Y)-- [2:0-3-8,Edge]

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	0.15	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.00	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: 9 lb	FT = 20%

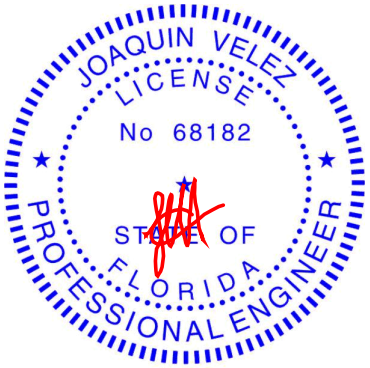
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-7-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=58(LC 12)
Max Uplift 3=-17(LC 12), 2=-49(LC 12)
Max Grav 3=23(LC 19), 2=179(LC 1), 4=23(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) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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6904 Parke East Blvd. Tampa FL 33610
Date:
May 13,2021

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930944
2779092	CJ02A	Jack-Open	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:41 2021 Page 1
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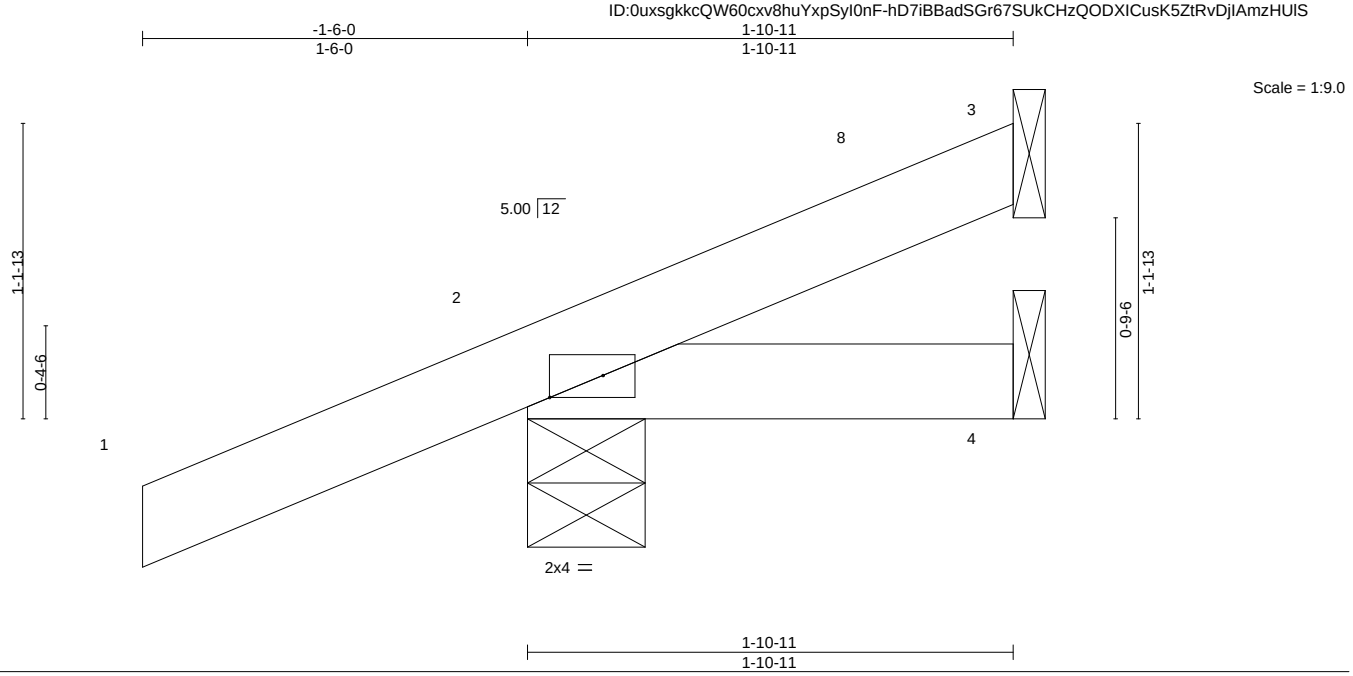


Plate Offsets (X,Y)-- [2:0-2-8,Edge]

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	0.13	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	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: 8 lb	FT = 20%

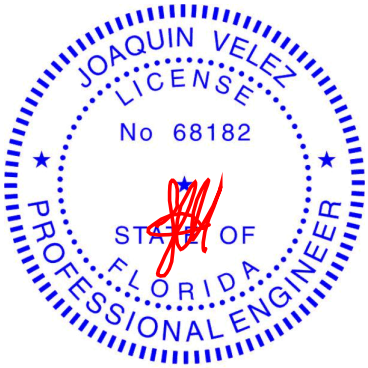
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-10-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=45(LC 12)
Max Uplift 3=-15(LC 12), 2=-67(LC 8)
Max Grav 3=28(LC 1), 2=183(LC 1), 4=28(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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 1-10-9 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 13,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES.
2779092	CJ03	Jack-Open	2	1	T23930945
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:42 2021 Page 1
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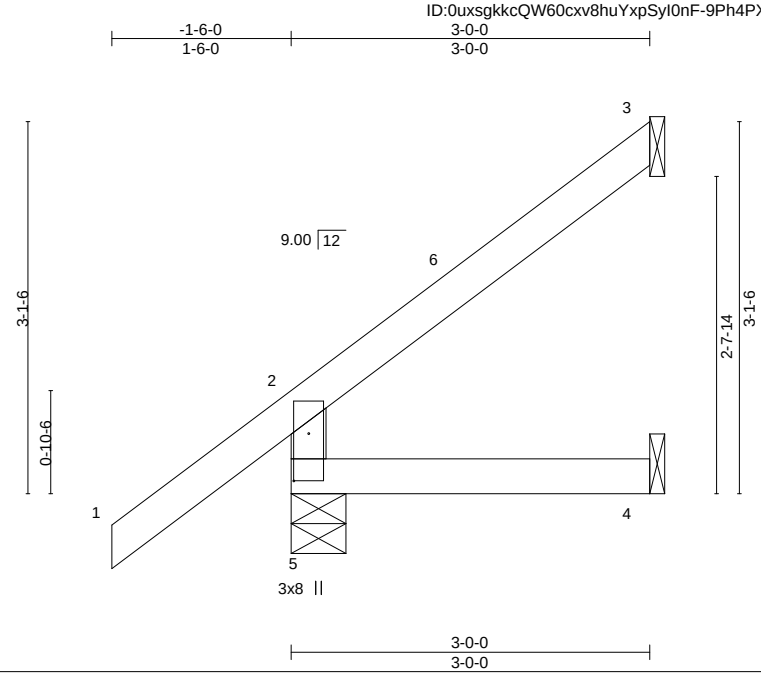


Plate Offsets (X,Y)-- [5:0-4-12,0-1-8]

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	0.26	Vert(LL)	-0.00	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	-0.01	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 14 lb	FT = 20%

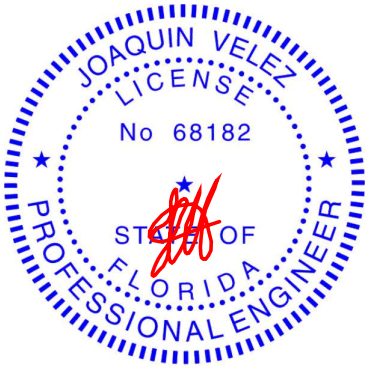
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 5=0-5-8, 3=Mechanical, 4=Mechanical
Max Horz 5=101(LC 12)
Max Uplift 5=-30(LC 12), 3=-56(LC 12), 4=-4(LC 12)
Max Grav 5=218(LC 1), 3=64(LC 19), 4=50(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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 2-11-4 zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 3, 4.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 13,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930946
2779092	CJ03A	Jack-Open	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:43 2021 Page 1
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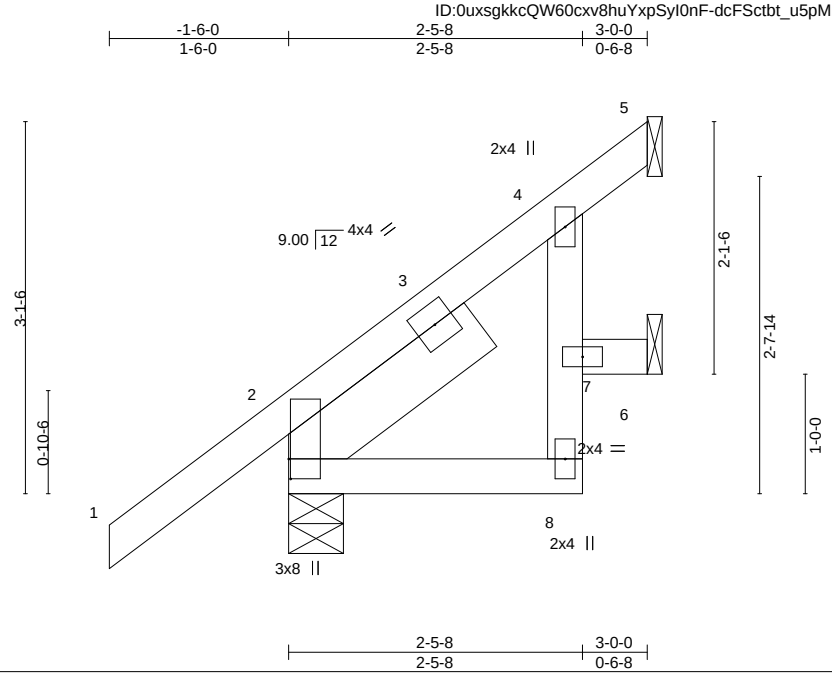


Plate Offsets (X,Y)-- [2:0-2-0,0-0-3]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	-0.00	11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.00	11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 21 lb	FT = 20%

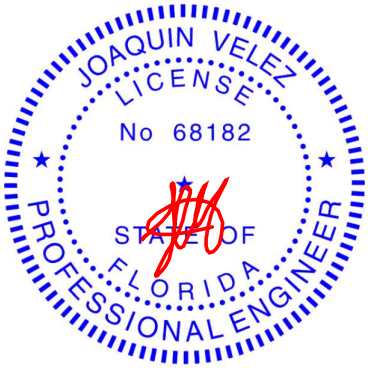
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
4-8: 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -t 1-11-8

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) 5=Mechanical, 2=0-5-8, 6=Mechanical
Max Horz 2=109(LC 12)
Max Uplift 5=-23(LC 12), 2=-27(LC 12), 6=-40(LC 12)
Max Grav 5=38(LC 19), 2=210(LC 1), 6=62(LC 19)

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



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930947
2779092	CJ03B	Jack-Open	4	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:44 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-5opqpDcVkBDg_wDJuPW7?s9oF6tHIwcubBxym5zHUlP

-1-6-0 3-0-0
1-6-0 3-0-0

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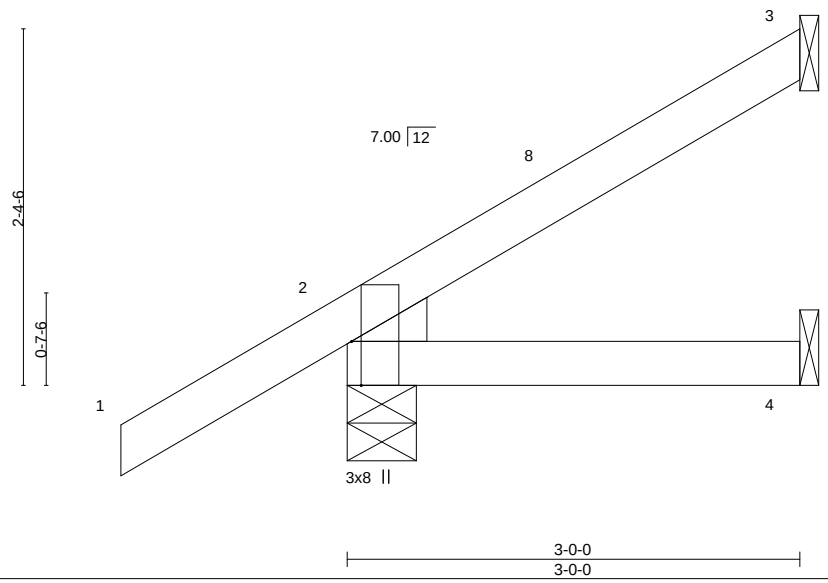


3-0-0
3-0-0

Plate Offsets (X,Y)-- [2:0-3-8,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	0.14	Vert(LL)	-0.00	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	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%

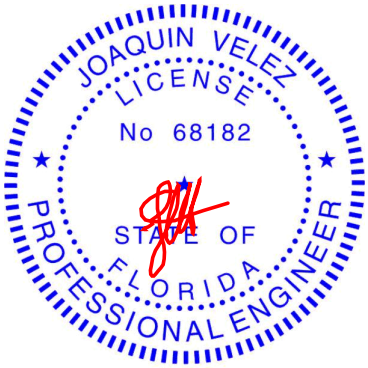
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=85(LC 12)
Max Uplift 3=-41(LC 12), 2=-47(LC 12), 4=-2(LC 12)
Max Grav 3=63(LC 19), 2=210(LC 1), 4=50(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; 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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 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 100 lb uplift at joint(s) 3, 2, 4.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930948
2779092	CJ04	Jack-Open	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:45 2021 Page 1
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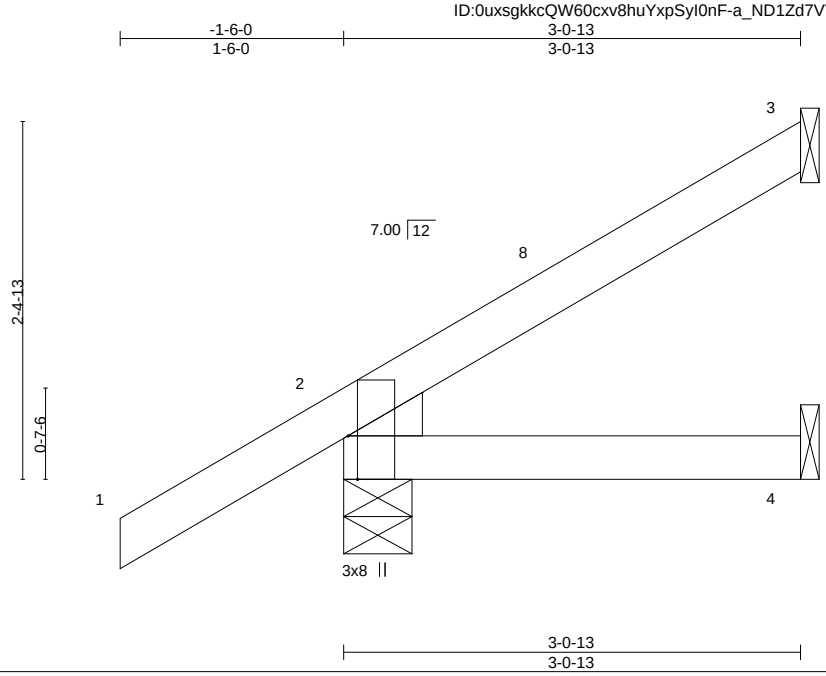


Plate Offsets (X,Y)-- [2:0-3-8,Edge]

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	0.14	Vert(LL)	-0.00	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	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%

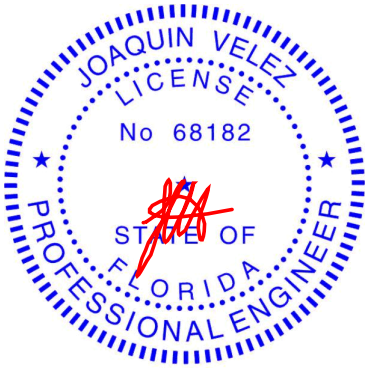
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=86(LC 12)
Max Uplift 3=-43(LC 12), 2=-47(LC 12), 4=-2(LC 12)
Max Grav 3=65(LC 19), 2=212(LC 1), 4=51(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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 3-0-1 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 4.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930949
2779092	CJ05	Jack-Open	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:46 2021 Page 1
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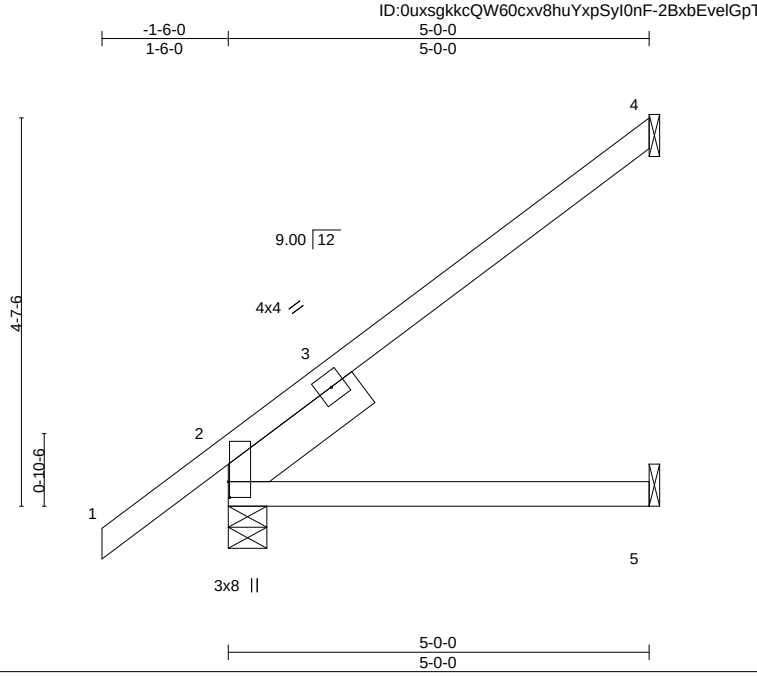


Plate Offsets (X,Y)-- [2:0-2-4,0-0-3]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.34	Vert(LL)	0.05	5-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.06	5-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.02	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 24 lb	FT = 20%

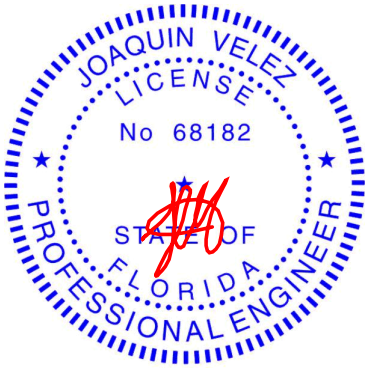
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
SLIDER Left 2x6 SP No.2 -t 1-11-8

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) 4=Mechanical, 2=0-5-8, 5=Mechanical
Max Horz 2=161(LC 12)
Max Uplift 4=-95(LC 12), 2=-24(LC 12), 5=-12(LC 12)
Max Grav 4=123(LC 19), 2=276(LC 1), 5=88(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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 4-11-4 zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2, 5.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930950
2779092	CJ05A	Jack-Open	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:46 2021 Page 1
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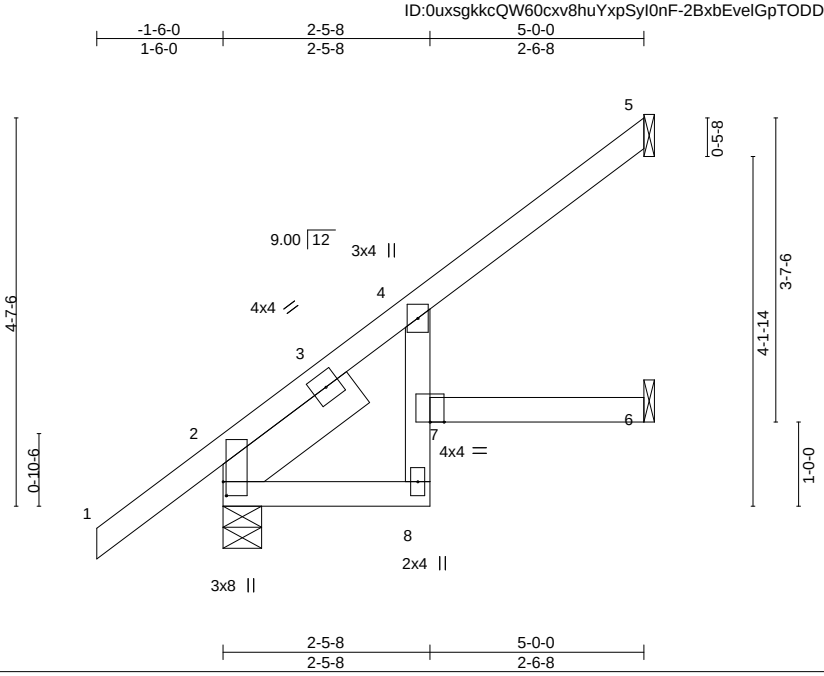


Plate Offsets (X,Y)-- [2:0-2-0,0-0-7]

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	0.19	Vert(LL)	0.04	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	-0.04	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 27 lb	FT = 20%

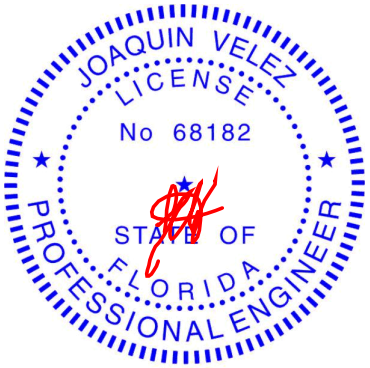
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
4-8: 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -t 1-11-8

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) 5=Mechanical, 2=0-5-8, 6=Mechanical
Max Horz 2=161(LC 12)
Max Uplift 5=-75(LC 12), 2=-24(LC 12), 6=-31(LC 12)
Max Grav 5=106(LC 19), 2=276(LC 1), 6=85(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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 4-11-4 zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 2, 6.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930951
2779092	CJ05B	Jack-Open	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:47 2021 Page 1
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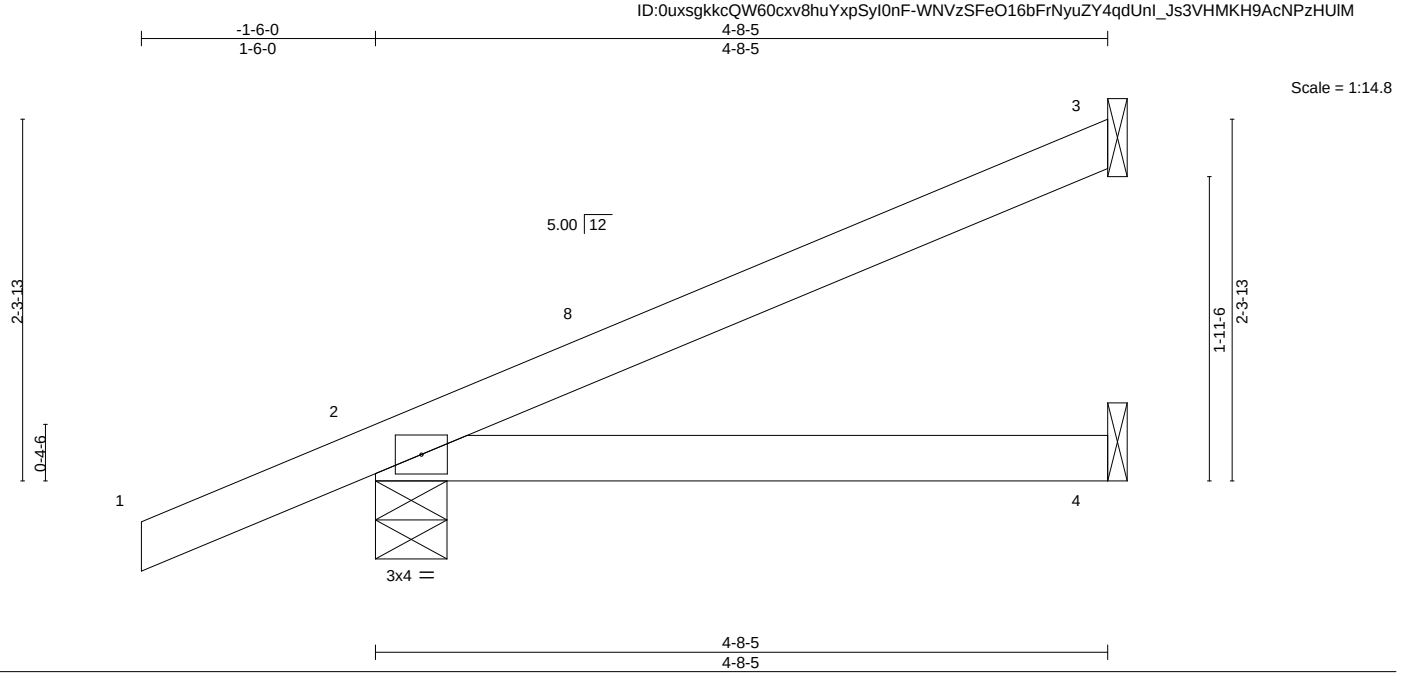


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	-0.02	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.20	Vert(CT)	-0.04	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 17 lb	FT = 20%

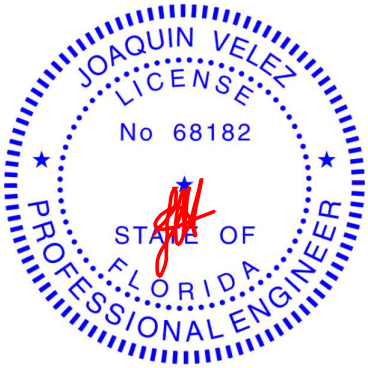
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-8-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=85(LC 12)
Max Uplift 3=-56(LC 12), 2=-69(LC 12)
Max Grav 3=104(LC 1), 2=265(LC 1), 4=82(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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 4-7-9 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930952
2779092	EJ01	Jack-Partial	9	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:48 2021 Page 1
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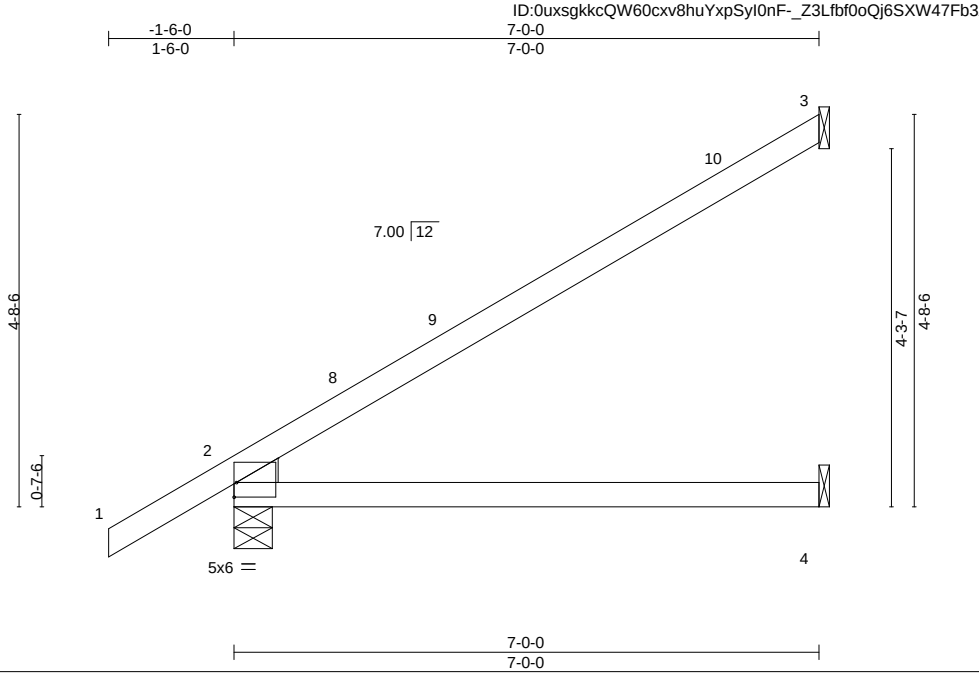


Plate Offsets (X,Y)-- [2:Edge,0-2-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	0.12	4-7	>671	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.22	4-7	>382	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.03	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 26 lb	FT = 20%

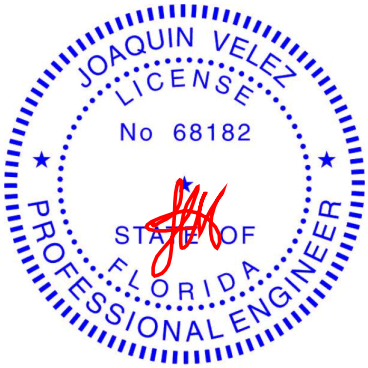
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=159(LC 12)
Max Uplift 3=-96(LC 12), 2=-61(LC 12), 4=-4(LC 12)
Max Grav 3=171(LC 19), 2=346(LC 1), 4=126(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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-11-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 4.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930953
2779092	EJ02	Jack-Closed	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:49 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyl0nF-SlcjtwgeZjrz4h5Hgy6livscf7WizAbdkTfjSIzHUlK

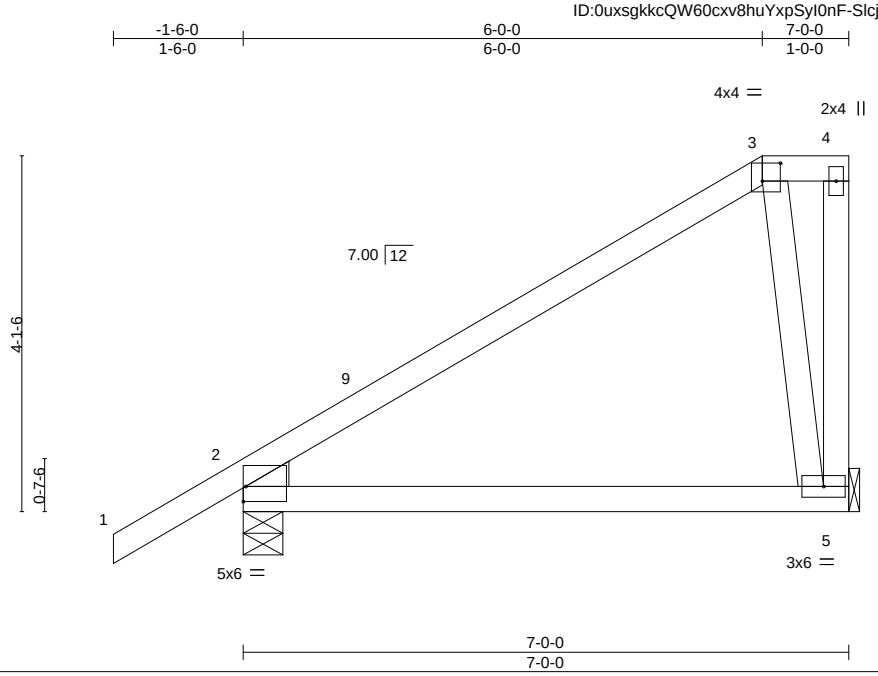


Plate Offsets (X,Y)-- [2:Edge,0-2-2], [3:0-2-8,0-2-8]

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	0.35	Vert(LL)	-0.06	5-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.14	5-8	>582	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.02	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 36 lb	FT = 20%

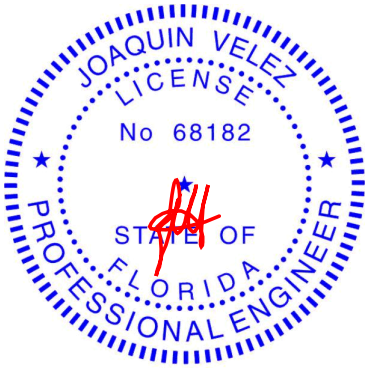
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 5=Mechanical, 2=0-5-8
Max Horz 2=147(LC 12)
Max Uplift 5=-86(LC 12), 2=-67(LC 12)
Max Grav 5=245(LC 1), 2=343(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-5=-259/204

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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-0-0, Exterior(2E) 6-0-0 to 6-10-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 2.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930954
2779092	EJ03	Jack-Open Girder	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:50 2021 Page 1
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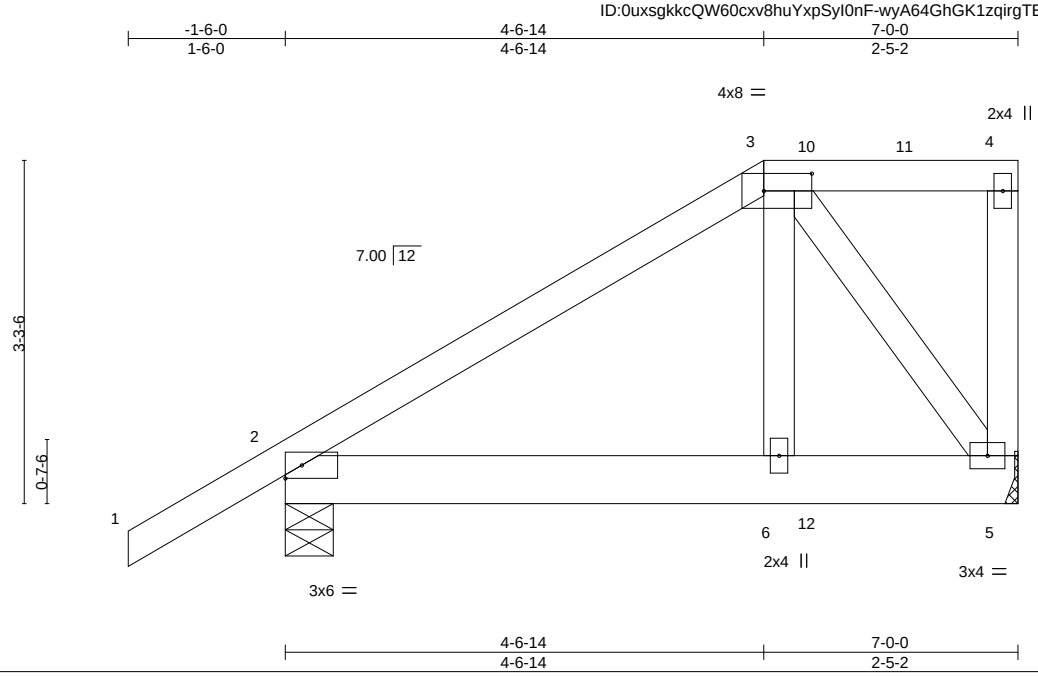


Plate Offsets (X,Y)-- [3:0-5-8,0-2-0]

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	0.19	Vert(LL)	0.01	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	-0.01	6-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.14	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 43 lb	FT = 20%

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

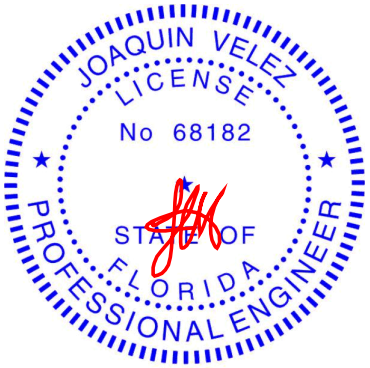
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-5-8, 5=Mechanical
Max Horz 2=118(LC 8)
Max Uplift 2=-105(LC 8), 5=-122(LC 8)
Max Grav 2=431(LC 1), 5=466(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-391/71
BOT CHORD 2-6=-93/282, 5-6=-94/296
WEBS 3-6=-28/364, 3-5=-479/153

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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=105, 5=122.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 120 lb down and 87 lb up at 5-0-12 on top chord, and 135 lb down and 66 lb up at 4-6-14, and 85 lb down at 5-0-12 on bottom 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, 3-4=-54, 5-7=-20
Concentrated Loads (lb)
Vert: 6=-135(F) 10=-109(F) 12=-65(F)



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930955
2779092	EJ04	Jack-Open	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:50 2021 Page 1
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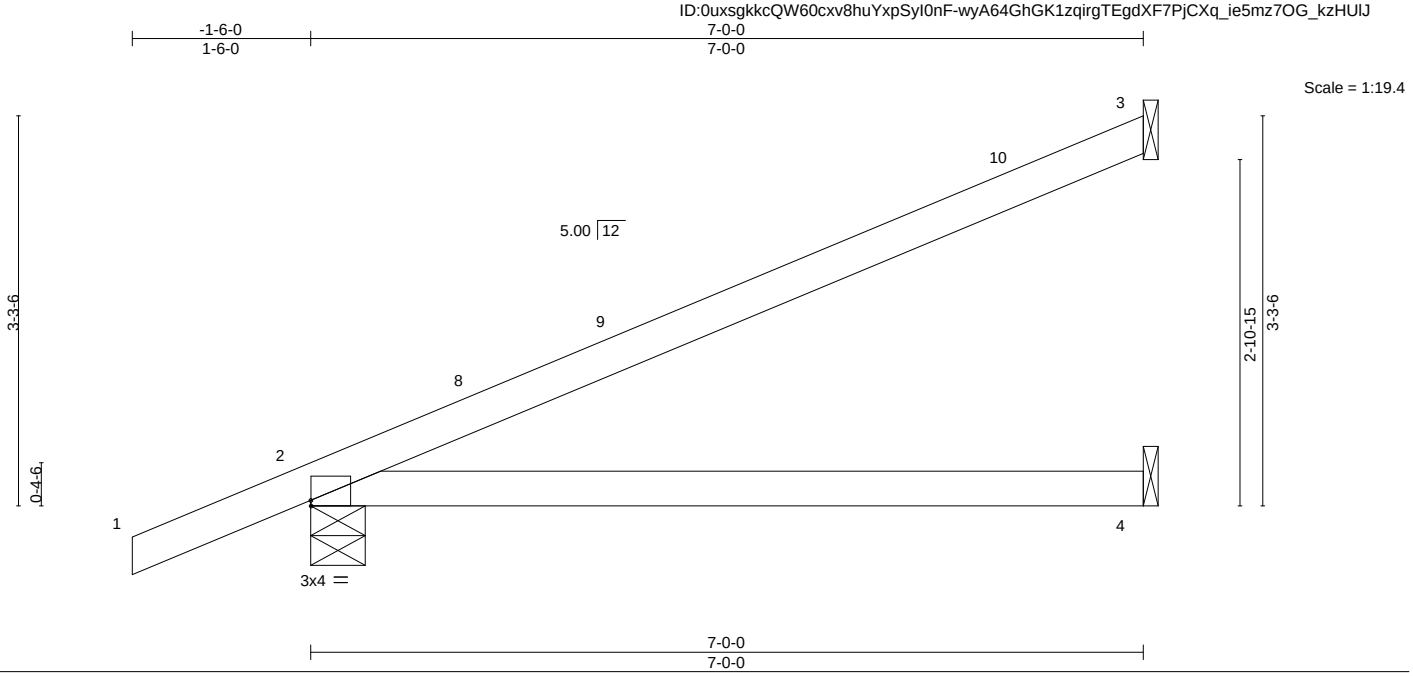


Plate Offsets (X,Y)-- [2:Edge,0-0-9]

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	0.62	Vert(LL)	0.10	4-7	>838	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.21	4-7	>392	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: 24 lb	FT = 20%

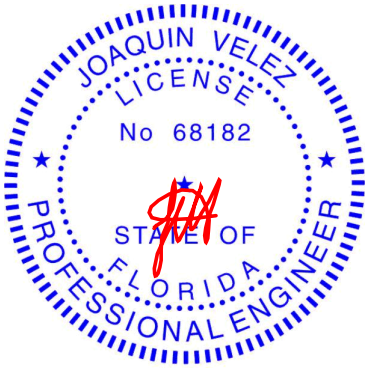
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-5-8, 4=Mechanical
Max Horz 2=114(LC 12)
Max Uplift 3=-78(LC 12), 2=-85(LC 12)
Max Grav 3=163(LC 1), 2=346(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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-11-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930956
2779092	EJ05	Jack-Partial	3	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:51 2021 Page 1
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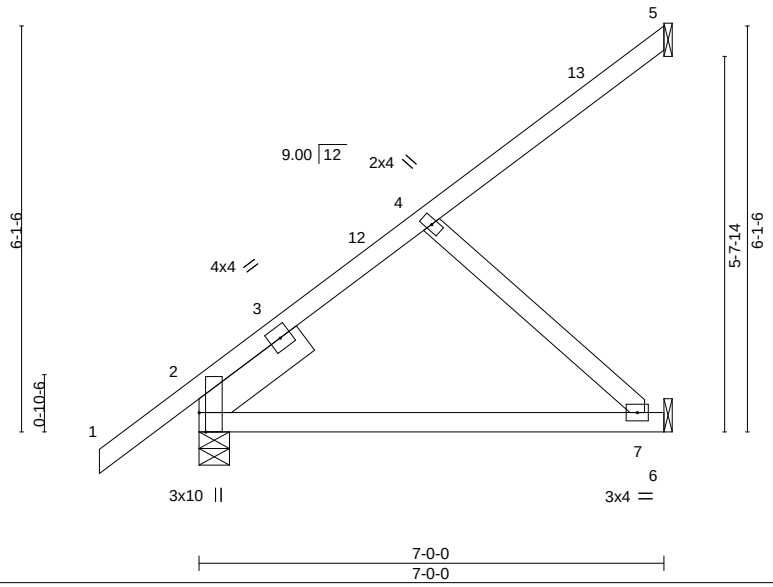
-1-6-0 3-6-0 7-0-0
1-6-0 3-6-0 3-6-0

Scale = 1:34.7



7-0-0
7-0-0

Plate Offsets (X,Y)-- [2:0-3-8,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	0.26	Vert(LL)	-0.07	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.39	Vert(CT)	-0.13	7-10	>631	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 38 lb	FT = 20%

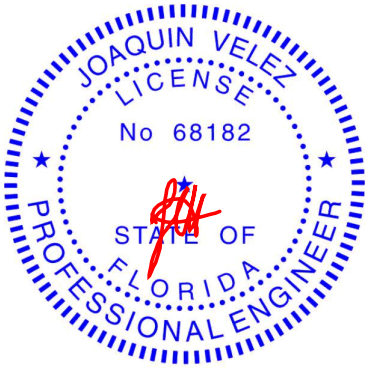
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -t 1-11-8

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) 5=Mechanical, 2=0-5-8, 6=Mechanical
Max Horz 2=205(LC 12)
Max Uplift 5=-51(LC 12), 2=-29(LC 12), 6=-81(LC 12)
Max Grav 5=79(LC 19), 2=346(LC 1), 6=189(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-522/1

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



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930957
2779092	EJ06	Jack-Partial	3	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:52 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-sKIsVyiWseDYx8qsM5f?KYU9kKUKAWl3QRtN2dzHUlH

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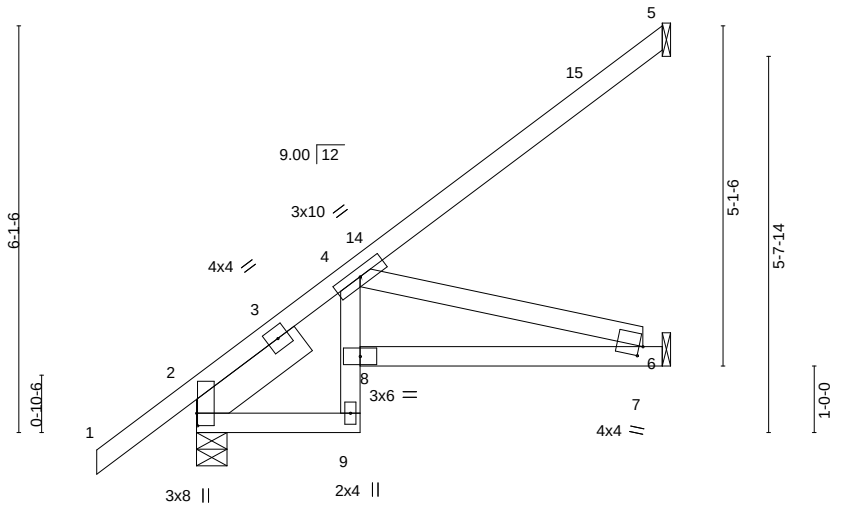
1-6-0 2-5-8 4-6-8

Scale = 1:34.6



2-5-8 7-0-0
2-5-8 4-6-8

Plate Offsets (X,Y)-- [2:0-2-4,0-0-3], [7:0-0-11,0-1-13]

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)	-0.03	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.58	Vert(CT)	-0.06	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 41 lb	FT = 20%

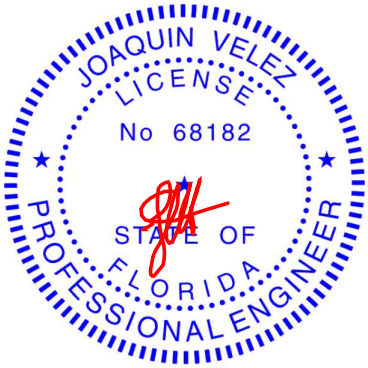
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
4-9: 2x4 SP No.3
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -t 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-6-11 oc bracing.

REACTIONS. (size) 5=Mechanical, 2=0-5-8, 6=Mechanical
Max Horz 2=205(LC 12)
Max Uplift 5=-71(LC 12), 2=-29(LC 12), 6=-61(LC 12)
Max Grav 5=111(LC 19), 2=346(LC 1), 6=157(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 7-8=-380/413
WEBS 4-7=-430/396

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



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930958
2779092	EJ07	Jack-Partial	3	1	Job Reference (optional)

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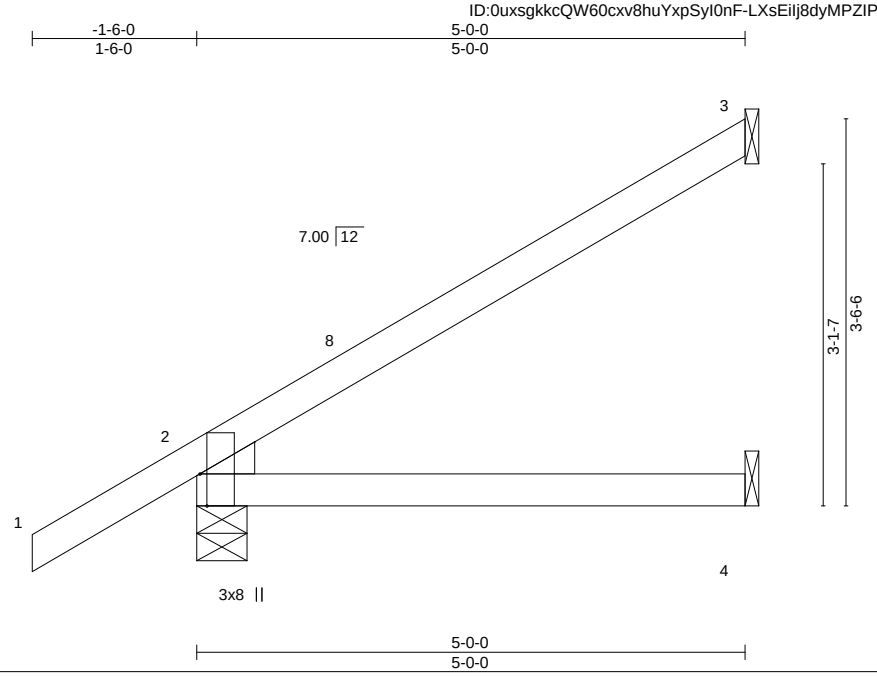


Plate Offsets (X,Y)-- [2:0-3-8,Edge]

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	0.28	Vert(LL)	0.03	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	-0.05	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 20 lb	FT = 20%

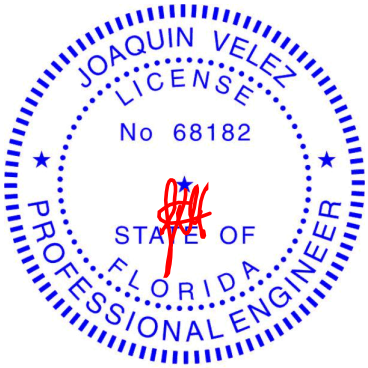
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=125(LC 12)
Max Uplift 3=-75(LC 12), 2=-52(LC 12), 4=-4(LC 12)
Max Grav 3=118(LC 19), 2=276(LC 1), 4=88(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; 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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 4-11-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 4.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES.
2779092	EJ08	MONO TRUSS	2	1	T23930959
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:53 2021 Page 1
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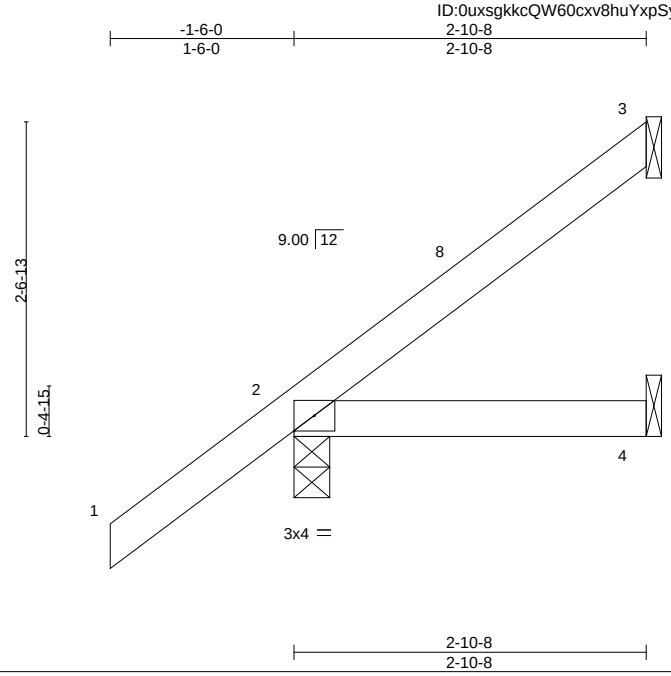


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.26	Vert(LL)	-0.00	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 13 lb	FT = 20%

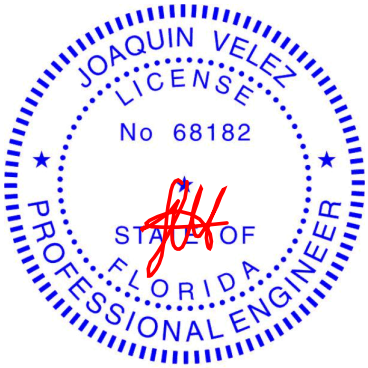
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 4=Mechanical, 3=Mechanical
Max Horz 2=106(LC 12)
Max Uplift 2=-44(LC 12), 3=-46(LC 12)
Max Grav 2=207(LC 1), 4=49(LC 3), 3=63(LC 19)

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 Corner(3E) -1-6-0 to 1-6-0, Exterior(2N) 1-6-0 to 2-9-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 3.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930960
2779092	EJ09	Jack-Open	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:54 2021 Page 1
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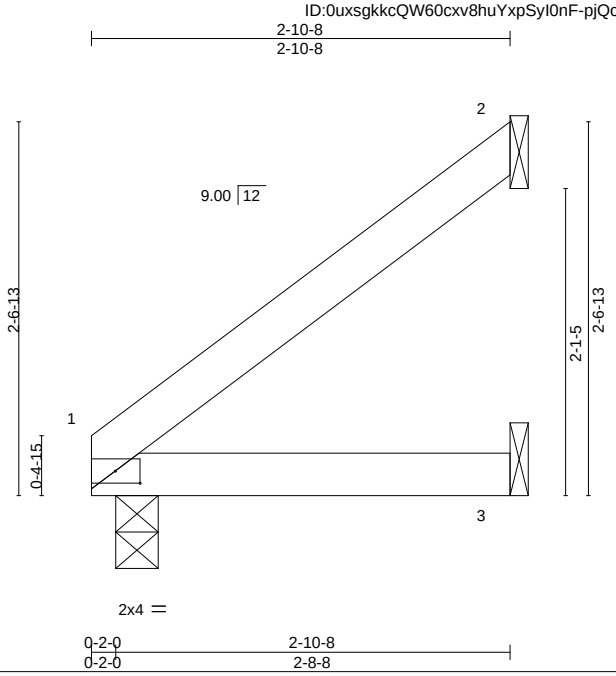


Plate Offsets (X,Y)-- [1:0-2-1,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.10	Vert(LL)	0.01	3-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	-0.01	3-6	>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: 10 lb	FT = 20%

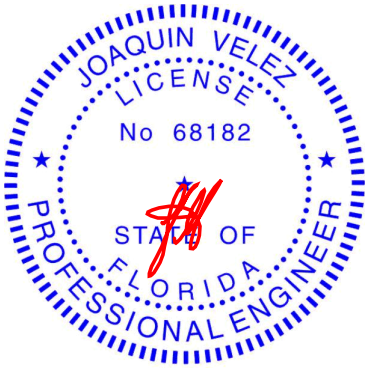
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-3-8, 2=Mechanical, 3=Mechanical
Max Horz 1=73(LC 12)
Max Uplift 2=-52(LC 12), 3=-5(LC 12)
Max Grav 1=104(LC 1), 2=72(LC 19), 3=52(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) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 3.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES.
2779092	EJ10	Jack-Open Girder	1	1	T23930961
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:55 2021 Page 1
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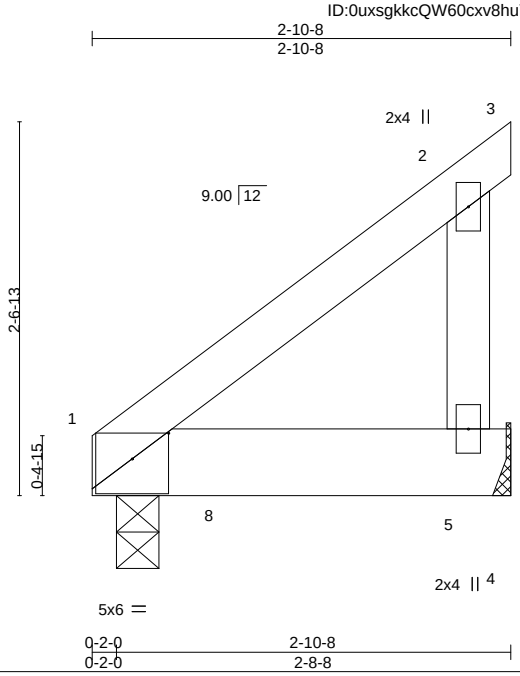


Plate Offsets (X,Y)-- [1:0-3-0,0-2-2]

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	5-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.02	5-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.02	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 15 lb	FT = 20%

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

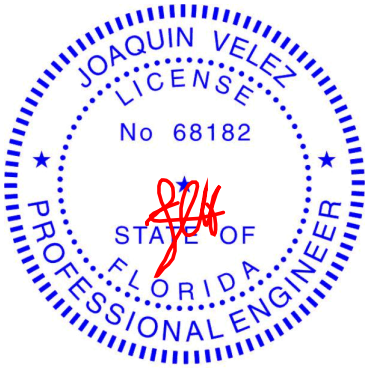
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-3-8, 5=Mechanical
Max Horz 1=73(LC 8)
Max Uplift 1=-156(LC 8), 5=-152(LC 8)
Max Grav 1=844(LC 1), 5=533(LC 1)

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; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=156, 5=152.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1177 lb down and 266 lb up at 0-11-4 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: 1-2=-54, 2-3=-14, 1-4=-20
Concentrated Loads (lb)
Vert: 8=-1177(F)



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930962
2779092	HJ07	Diagonal Hip Girder	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:56 2021 Page 1
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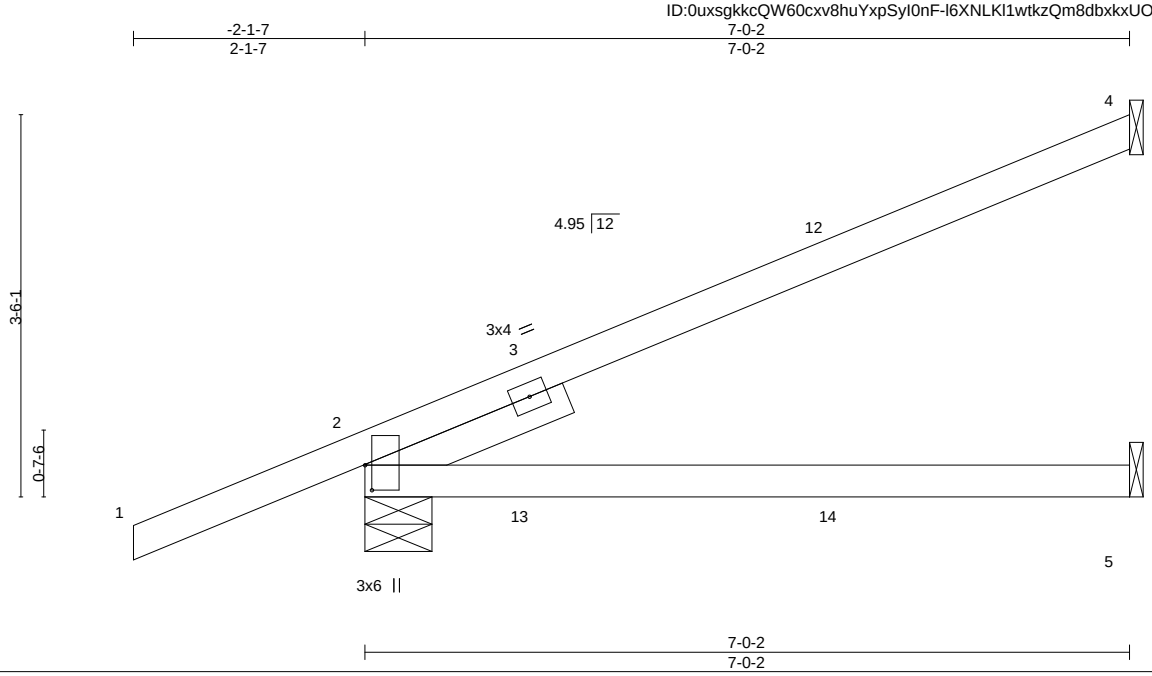


Plate Offsets (X,Y)-- [2:0-2-12,0-0-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	0.09	5-10	>892	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.17	5-10	>485	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.03	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 28 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
SLIDER Left 2x4 SP No.3 -t 1-11-8

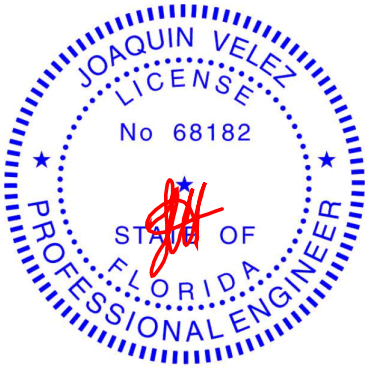
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-7-6, 5=Mechanical
Max Horz 2=124(LC 26)
Max Uplift 4=-94(LC 8), 2=-154(LC 4), 5=-13(LC 8)
Max Grav 4=149(LC 1), 2=410(LC 1), 5=118(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-237/253

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 100 lb uplift at joint(s) 4, 5 except (jt=lb) 2=154.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 60 lb down and 74 lb up at 1-6-1, 60 lb down and 74 lb up at 1-6-1, and 78 lb down and 44 lb up at 4-4-0, and 78 lb down and 44 lb up at 4-4-0 on top chord, and 13 lb down and 42 lb up at 1-6-1, 13 lb down and 42 lb up at 1-6-1, and 25 lb down and 10 lb up at 4-4-0, and 25 lb down and 10 lb up at 4-4-0 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, 5-6=-20
Concentrated Loads (lb)
Vert: 14=-7(F=-3, B=-3)



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930963
2779092	HJ08A	Diagonal Hip Girder	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:57 2021 Page 1
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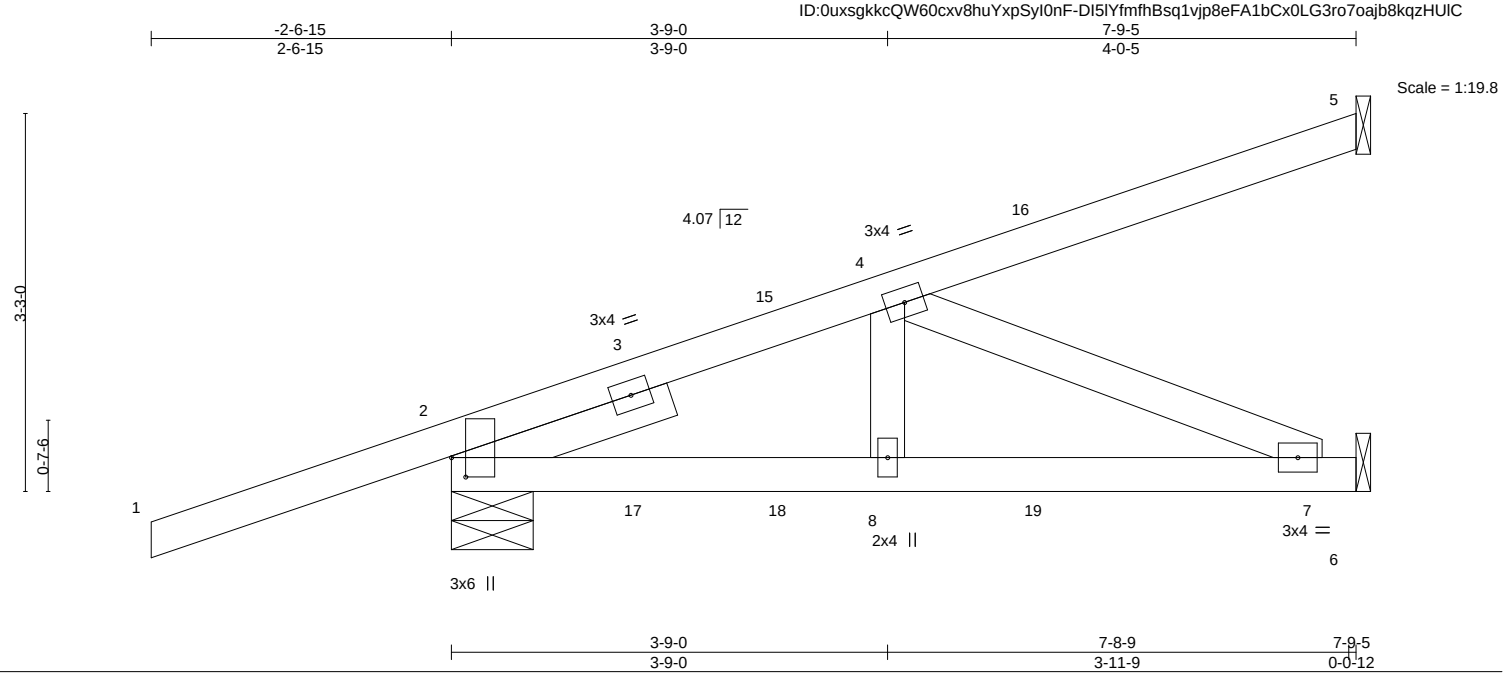


Plate Offsets (X,Y)-- [2:0-2-0,0-1-7]

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	0.46	Vert(LL)	-0.02	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	-0.04	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.11	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 39 lb	FT = 20%

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

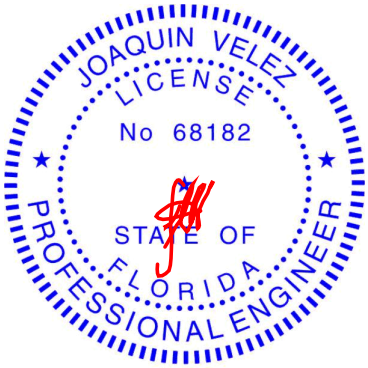
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=Mechanical, 2=0-8-7, 6=Mechanical
Max Horz 2=130(LC 19)
Max Uplift 5=-59(LC 4), 2=-190(LC 4), 6=-42(LC 8)
Max Grav 5=103(LC 1), 2=478(LC 1), 6=182(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-341/173
BOT CHORD 2-8=-119/293, 7-8=-119/293
WEBS 4-7=-318/129

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 100 lb uplift at joint(s) 5, 6 except (jt=lb) 2=190.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 13 lb down and 13 lb up at 1-7-13, 57 lb down and 14 lb up at 2-10-12, and 38 lb down and 65 lb up at 5-1-2, and 74 lb down and 46 lb up at 5-4-4 on top chord, and 12 lb down and 3 lb up at 1-7-13, 11 lb down and 5 lb up at 2-10-12, and 32 lb down at 5-1-2, and 27 lb down and 10 lb up at 5-4-4 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: 1-5=-54, 6-9=-20
Concentrated Loads (lb)
Vert: 16=-14(F=-11, B=-2) 17=3(F) 18=5(B) 19=-25(F=-19, B=-5)



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930964
2779092	HJ10	Diagonal Hip Girder	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:58 2021 Page 1
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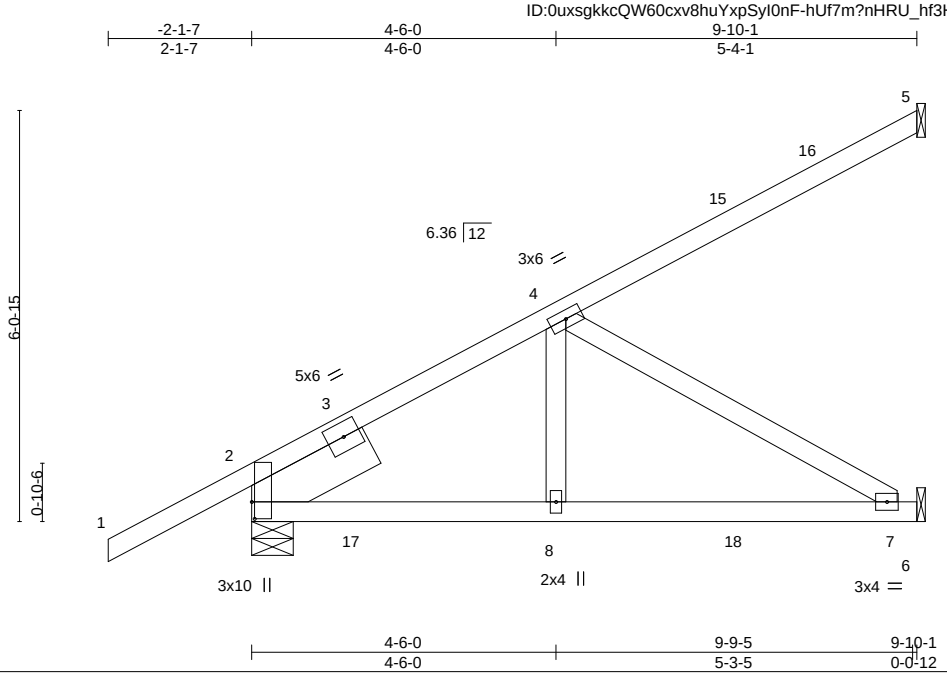


Plate Offsets (X,Y)-- [2:0-3-0,0-0-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	0.07	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.12	7-8	>969	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.30	Horz(CT)	-0.03	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 53 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x8 SP 2400F 2.0E -t 1-11-8

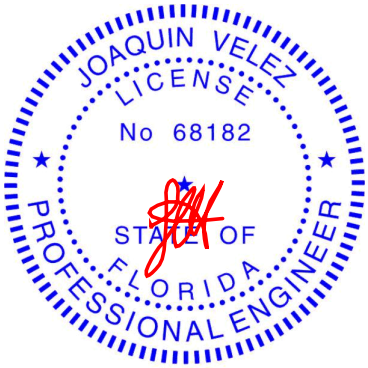
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=Mechanical, 2=0-7-6, 6=Mechanical
Max Horz 2=204(LC 8)
Max Uplift 5=-110(LC 8), 2=-237(LC 8), 6=-168(LC 8)
Max Grav 5=155(LC 1), 2=502(LC 32), 6=294(LC 32)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-513/277
BOT CHORD 2-8=-295/390, 7-8=-295/390
WEBS 4-7=-452/341

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 100 lb uplift at joint(s) except (jt=lb) 5=110, 2=237, 6=168.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 56 lb down and 117 lb up at 1-6-1, 56 lb down and 117 lb up at 1-6-1, 83 lb down and 72 lb up at 4-4-0, 83 lb down and 72 lb up at 4-4-0, and 114 lb down and 120 lb up at 7-1-15, and 114 lb down and 120 lb up at 7-1-15 on top chord, and 9 lb down and 43 lb up at 1-6-1, 9 lb down and 43 lb up at 1-6-1, 25 lb down and 12 lb up at 4-4-0, 25 lb down and 12 lb up at 4-4-0, and 49 lb down and 27 lb up at 7-1-15, and 49 lb down and 27 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: 1-5=-54, 6-9=-20
Concentrated Loads (lb)
Vert: 8=3(F=2, B=2) 3=60(F=30, B=30) 15=-69(F=-35, B=-35) 18=-62(F=-31, B=-31)



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930965
2779092	HJ10A	Diagonal Hip Girder	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:30:59 2021 Page 1
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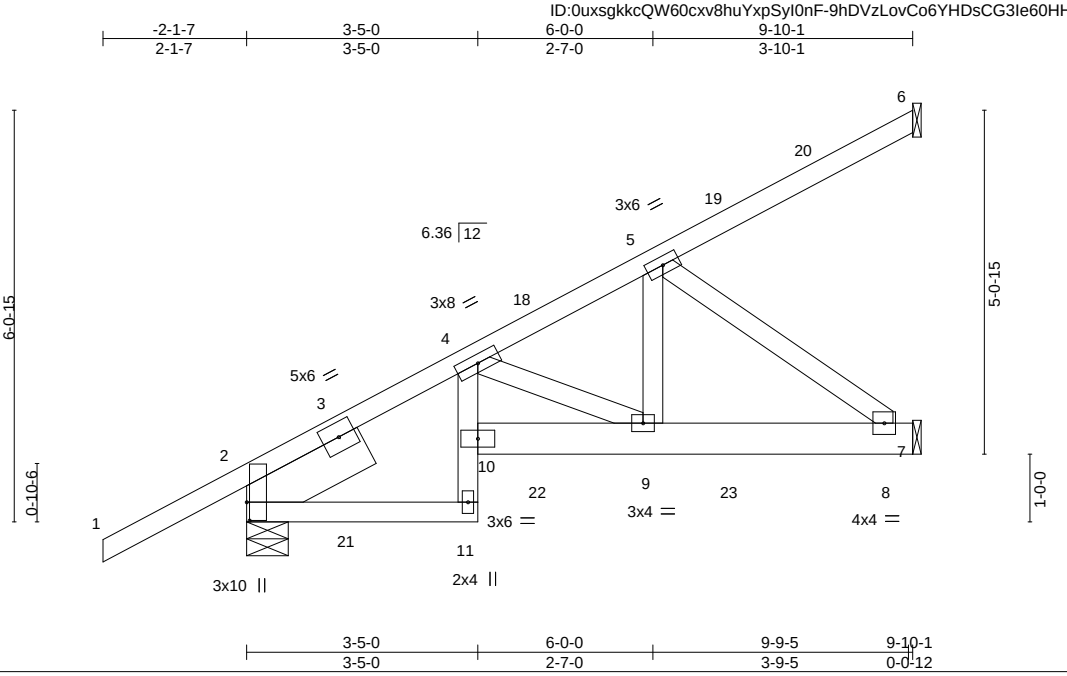


Plate Offsets (X,Y)-- [2:0-3-4,0-0-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.47	Vert(LL)	0.05	10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-0.05	10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.23	Horz(CT)	-0.04	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 63 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
4-11: 2x4 SP No.3, 7-10: 2x6 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x8 SP 2400F 2.0E -t 1-11-8

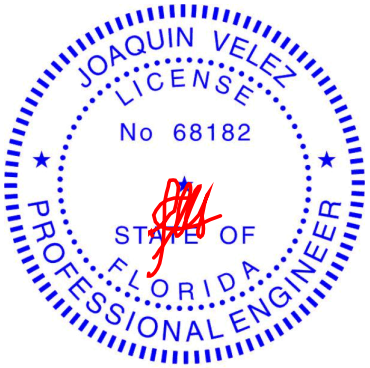
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 10-11.

REACTIONS. (size) 6=Mechanical, 2=0-7-6, 7=Mechanical
Max Horz 2=204(LC 8)
Max Uplift 6=-56(LC 8), 2=-262(LC 8), 7=-239(LC 8)
Max Grav 6=89(LC 1), 2=525(LC 32), 7=380(LC 32)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-464/285, 4-5=-577/279
BOT CHORD 2-11=-293/335, 9-10=-444/550, 8-9=-344/480
WEBS 5-9=-215/323, 5-8=-599/430

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; end vertical 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 100 lb uplift at joint(s) 6 except (jt=lb) 2=262, 7=239.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 56 lb down and 117 lb up at 1-6-1, 56 lb down and 117 lb up at 1-6-1, 62 lb down and 36 lb up at 4-4-0, 62 lb down and 36 lb up at 4-4-0, and 104 lb down and 98 lb up at 7-1-15, and 104 lb down and 98 lb up at 7-1-15 on top chord, and 9 lb down and 43 lb up at 1-6-1, 9 lb down and 43 lb up at 1-6-1, 48 lb down and 52 lb up at 4-4-0, 48 lb down and 52 lb up at 4-4-0, and 59 lb down and 48 lb up at 7-1-15, and 59 lb down and 48 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: 1-6=-54, 11-12=-20, 7-10=-20



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Continued on page 2

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 3=60(F=30, B=30) 19=-40(F=-20, B=-20) 22=-48(F=-24, B=-24) 23=-91(F=-46, B=-46)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930966
2779092	T01	Common	9	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:00 2021 Page 1
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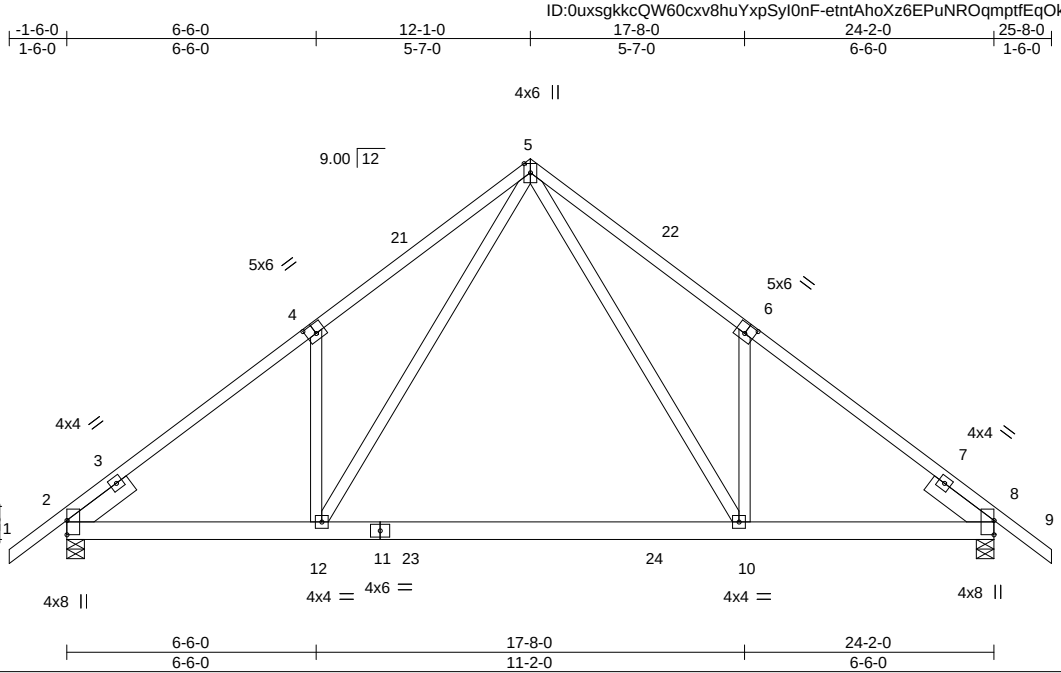


Plate Offsets (X,Y)-- [2:Edge,0-0-0], [4:0-3-0,0-3-0], [6:0-3-0,0-3-0], [8:Edge,0-0-0]

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	0.75	Vert(LL)	-0.28	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.52	10-12	>555	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.91	Horz(CT)	0.03	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 2x6 SP No.2 *Except*
8-11: 2x6 SP M 26
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -t 1-11-8, Right 2x6 SP No.2 -t 1-11-8

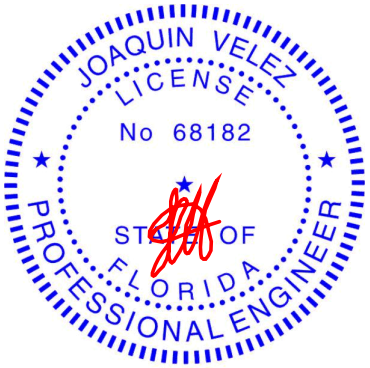
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-5-8, 8=0-5-8
Max Horz 2=224(LC 11)
Max Uplift 2=-292(LC 12), 8=-292(LC 13)
Max Grav 2=1441(LC 19), 8=1441(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1897/374, 4-5=-1934/561, 5-6=-1972/564, 6-8=-1933/377
BOT CHORD 2-12=-314/1589, 10-12=-113/978, 8-10=-214/1505
WEBS 5-10=-394/1258, 6-10=-294/268, 5-12=-389/1198, 4-12=-293/270

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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 12-1-0, Exterior(2R) 12-1-0 to 15-1-0, Interior(1) 15-1-0 to 25-8-0 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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=292, 8=292.
7) 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: 1-5=-54, 5-9=-54, 12-13=-20, 10-12=-80(F=-60), 10-17=-20



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930967
2779092	T01G	Common Supported Gable	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:02 2021 Page 1
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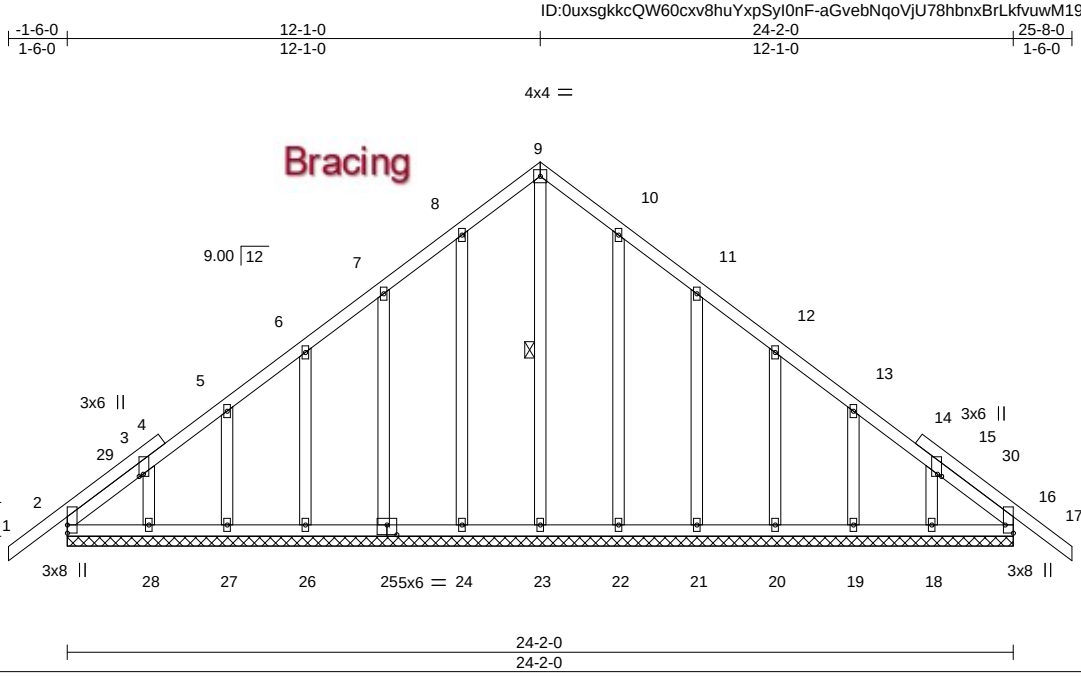


Scale = 1:58.9

Plate Offsets (X,Y)-- [3:0-0-11,0-1-4], [15:0-0-11,0-1-4], [16:Edge,0-2-8], [25:0-3-0,0-3-0]

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	0.13	Vert(LL)	-0.01	17	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.01	17	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	16	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 176 lb	FT = 20%

LUMBER-

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

BRACING-

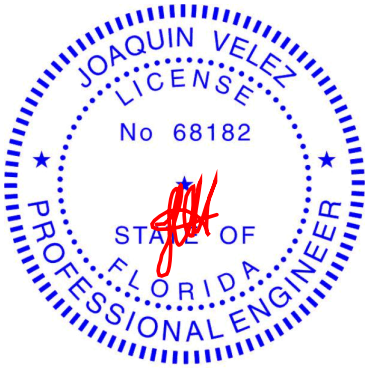
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 9-23

REACTIONS. All bearings 24-2-0.
(lb) - Max Horz 2=-216(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 16, 24, 25, 26, 27, 22, 21, 20, 19, 18 except 28=-103(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 16, 23, 24, 25, 26, 27, 28, 22, 21, 20, 19, 18

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) -1-6-0 to 1-6-0, Exterior(2N) 1-6-0 to 12-1-0, Corner(3R) 12-1-0 to 15-1-0, Exterior(2N) 15-1-0 to 25-8-0 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, 16, 24, 25, 26, 27, 22, 21, 20, 19, 18 except (jt=lb) 28=103.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930968
2779092	T02	Common	15	1	Job Reference (optional)

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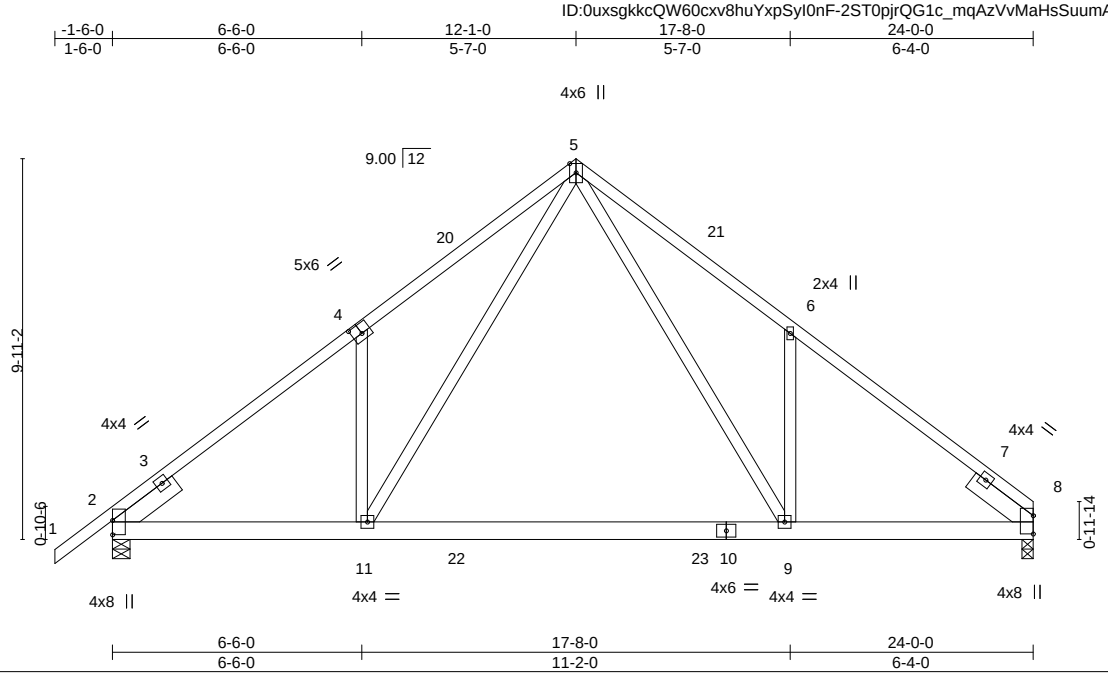


Plate Offsets (X,Y)-- [2:Edge,0-0-0], [4:0-3-0,0-3-0]

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	0.82	Vert(LL)	-0.28	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.86	Vert(CT)	-0.53	9-11	>542	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.91	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 160 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP M 26 *Except*
8-10: 2x6 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -t 1-11-8, Right 2x6 SP No.2 -t 1-11-8

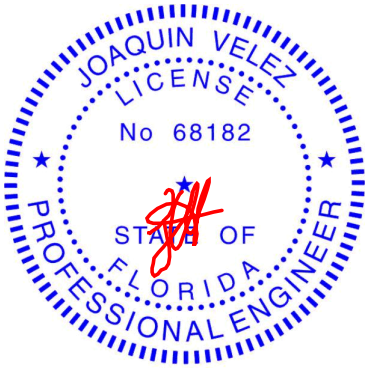
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 8=0-3-8, 2=0-5-8
Max Horz 2=216(LC 9)
Max Uplift 8=-258(LC 13), 2=-291(LC 12)
Max Grav 8=1359(LC 20), 2=1433(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1924/376, 4-5=-1962/562, 5-6=-1898/561, 6-8=-1860/371
BOT CHORD 2-11=-334/1598, 9-11=-130/954, 8-9=-224/1428
WEBS 4-11=-294/269, 5-11=-394/1263, 5-9=-390/1163, 6-9=-285/270

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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 12-1-0, Exterior(2R) 12-1-0 to 15-1-0, Interior(1) 15-1-0 to 24-0-0 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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=258, 2=291.
7) 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: 1-5=-54, 5-8=-54, 11-16=-20, 9-11=-80(F=-60), 9-12=-20



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MiTek
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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930969
2779092	T03	Hip Girder	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:05 2021 Page 1
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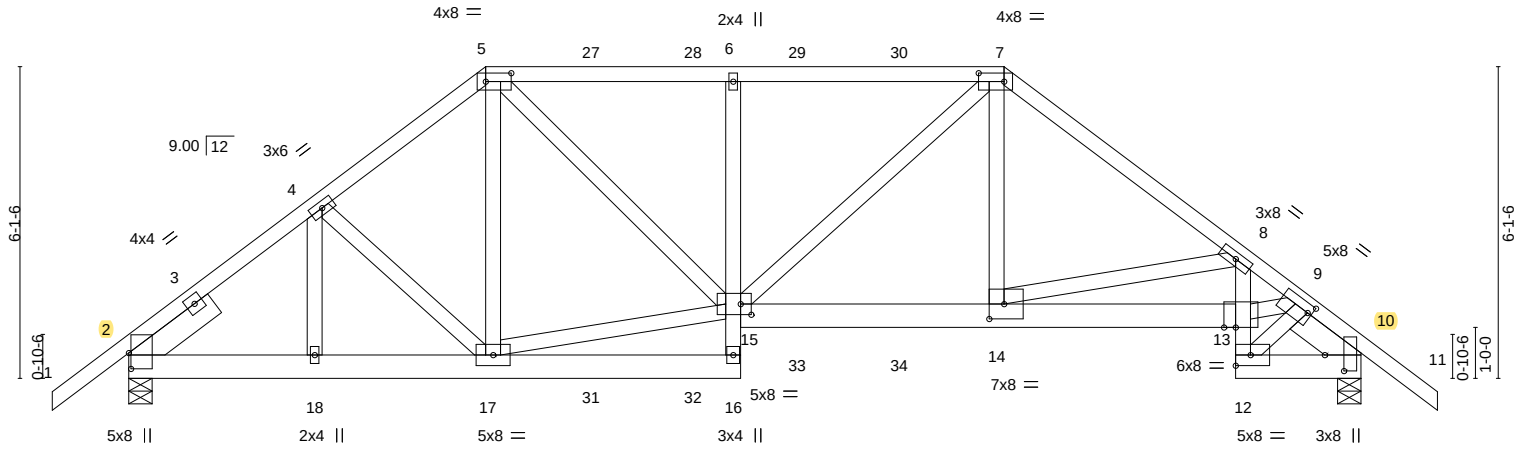
-1-6-0	3-7-12	7-0-0	12-0-0	17-2-0	21-8-8	23-0-0	24-2-0	25-8-0
1-6-0	3-7-12	3-4-4	5-0-0	5-2-0	4-6-8	1-3-8	1-2-0	1-6-0

Scale = 1:45.2



3-7-12	7-0-0	12-0-0	17-2-0	21-8-8	24-2-0
3-7-12	3-4-4	5-0-0	5-2-0	4-6-8	2-5-8

Plate Offsets (X,Y)-- [2:0-3-12,0-0-8], [5:0-6-0,0-2-0], [7:0-6-0,0-2-0], [9:0-1-0,0-2-0], [10:0-3-12,0-4-8], [13:0-2-12,0-0-0], [14:0-3-8,0-3-8], [15:0-2-8,0-2-8]

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	0.58	Vert(LL)	0.14	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.72	Vert(CT)	-0.21	14-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.95	Horz(CT)	0.10	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 184 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
6-16: 2x4 SP No.3, 8-12: 2x4 SP M 31
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -t 1-11-8, Right 2x6 SP No.2 -t 1-5-1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-11-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-4-6 oc bracing.

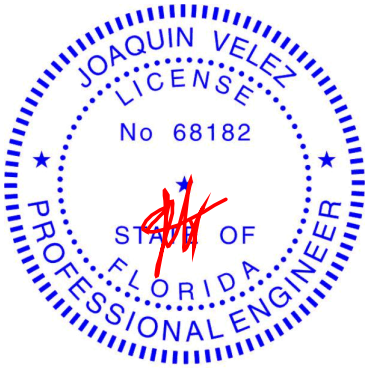
REACTIONS. (size) 2=0-5-8, 10=0-5-8
Max Horz 2=-141(LC 25)
Max Uplift 2=-769(LC 8), 10=-799(LC 9)
Max Grav 2=1761(LC 1), 10=1794(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-2181/1007, 4-5=-2239/1107, 5-6=-2560/1267, 6-7=-2580/1276, 7-8=-2807/1335, 8-9=-3554/1598, 9-10=-867/417
BOT CHORD 2-18=-790/1682, 17-18=-790/1682, 15-16=-97/253, 6-15=-405/252, 14-15=-988/2210, 13-14=-1329/3069, 12-13=-523/1301, 8-13=-161/496, 10-12=-563/1338
WEBS 4-17=-261/296, 5-17=-186/402, 15-17=-752/1591, 5-15=-552/1142, 7-15=-296/556, 7-14=-479/976, 8-14=-916/441, 9-13=-1055/2491, 9-12=-1372/560

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=769, 10=799.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 68 lb down and 54 lb up at 7-0-0, 68 lb down and 52 lb up at 9-0-12, 68 lb down and 52 lb up at 11-0-12, 89 lb down and 76 lb up at 13-1-4, and 89 lb down and 76 lb up at 15-1-4, and 89 lb down and 78 lb up at 17-2-0 on top chord, and 409 lb down and 298 lb up at 7-0-0, 158 lb down and 101 lb up at 9-0-12, 158 lb down and 101 lb up at 11-0-12, 129 lb down and 81 lb up at 13-1-4, and 129 lb down and 81 lb up at 15-1-4, and 454 lb down and 348 lb up at 17-1-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

Continued on page 2



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6904 Parke East Blvd. Tampa FL 33610
Date: May 13,2021

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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-7=-54, 7-11=-54, 16-19=-20, 13-15=-20, 12-23=-20
   Concentrated Loads (lb)
   Vert: 5=-20(F) 7=-48(F) 17=-390(F) 14=-450(F) 27=-20(F) 28=-20(F) 29=-48(F) 30=-48(F) 31=-154(F) 32=-154(F) 33=-126(F) 34=-126(F)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930970
2779092	T04	Hip	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:06 2021 Page 1
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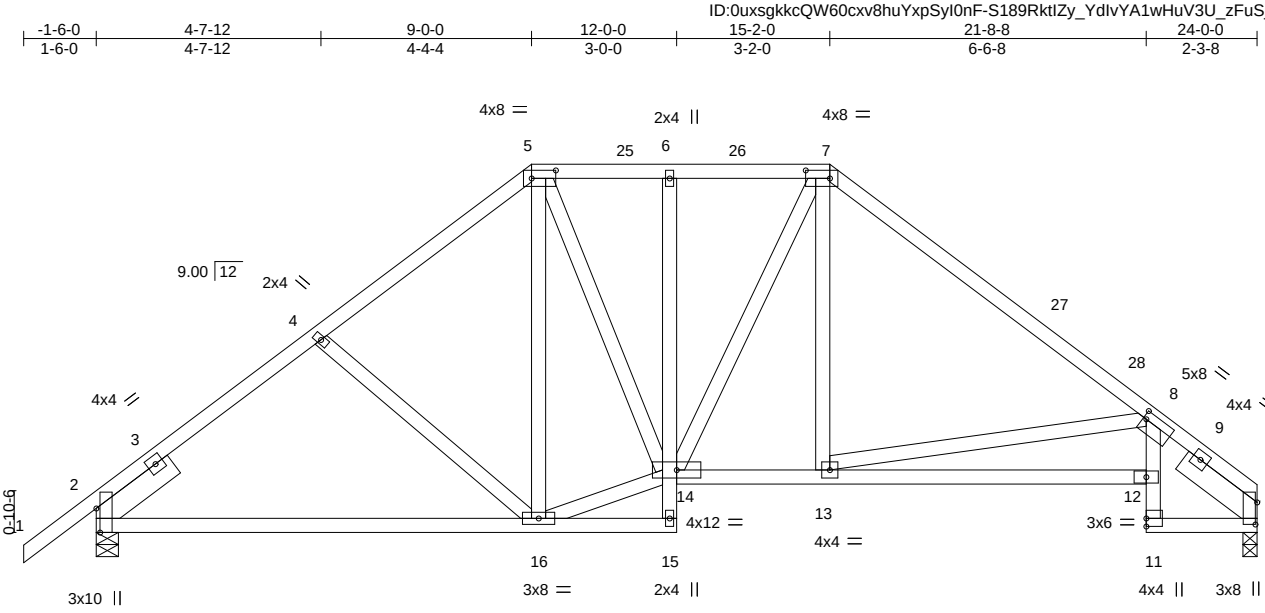


Plate Offsets (X,Y)-- [2:0-6-0,Edge], [5:0-6-0,0-2-0], [7:0-6-0,0-2-0], [8:0-0-12,0-2-0], [10:0-5-8,0-0-7]

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	0.50	Vert(LL)	-0.11	16-23	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.23	16-23	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.10	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 165 lb	FT = 20%

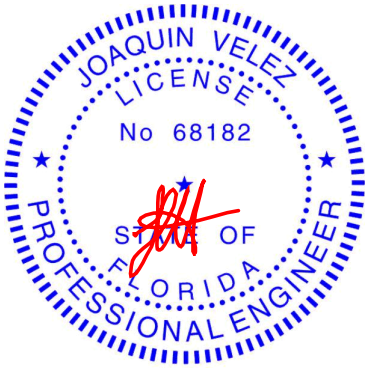
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-15: 2x4 SP No.3, 8-11: 2x4 SP M 31
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -t 1-11-8, Right 2x6 SP No.2 -t 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 14-15
9-10-4 oc bracing: 12-13.

REACTIONS. (size) 10=0-3-8, 2=0-5-8
Max Horz 2=166(LC 9)
Max Uplift 10=-180(LC 13), 2=-211(LC 12)
Max Grav 10=885(LC 1), 2=972(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1081/244, 4-5=-940/232, 5-6=-836/234, 6-7=-838/234, 7-8=-1126/225, 8-10=-1081/246
BOT CHORD 2-16=-224/815, 13-14=-71/812, 12-13=-360/1496, 10-11=-154/742
WEBS 14-16=-109/704, 5-14=-92/382, 7-13=-29/357, 8-13=-712/351

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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 9-0-0, Exterior(2R) 9-0-0 to 13-2-15, Interior(1) 13-2-15 to 15-2-0, Exterior(2R) 15-2-0 to 19-4-15, Interior(1) 19-4-15 to 24-0-0 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 100 lb uplift at joint(s) except (jt=lb) 10=180, 2=211.



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May 13,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930971
2779092	T05	Hip	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:08 2021 Page 1
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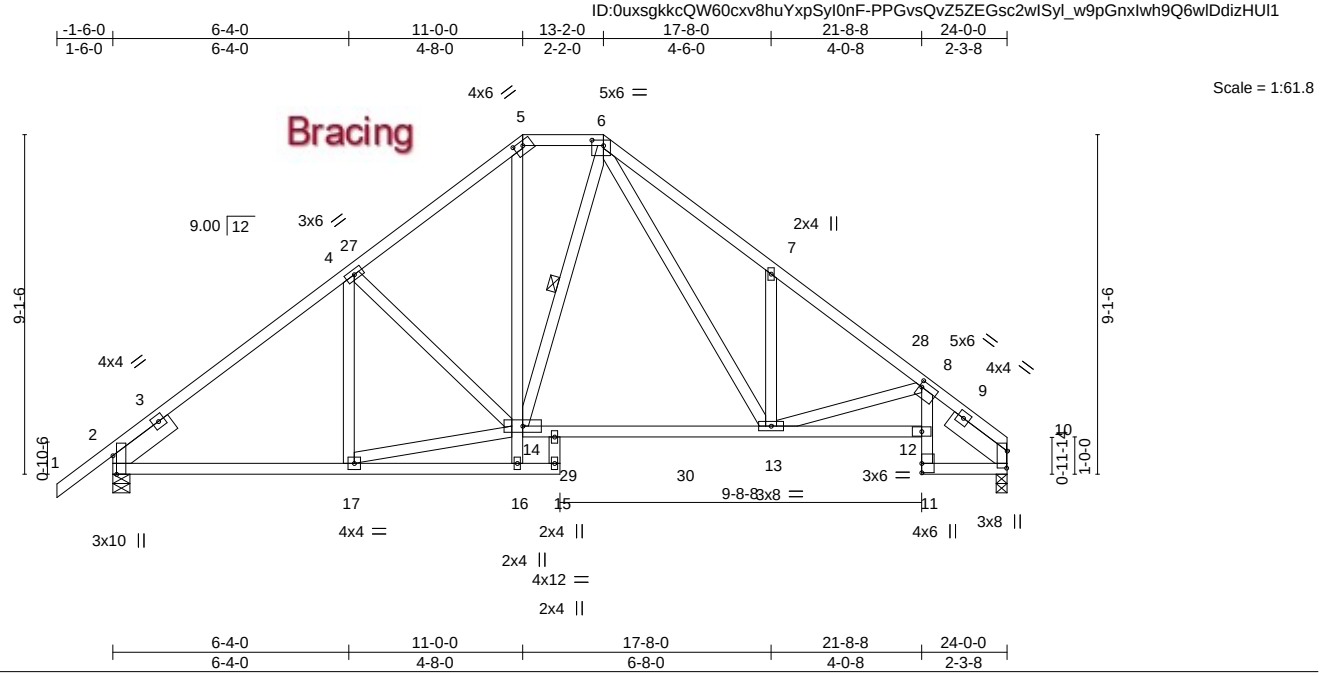


Plate Offsets (X,Y)-- [2:0-6-0,Edge], [5:0-2-15,0-1-6], [6:0-3-12,0-1-12], [8:0-0-12,0-2-0], [10:0-5-8,0-0-3]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.52	Vert(LL)	-0.14	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.25	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.10	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 170 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 5-16: 2x4 SP No.3, 8-11: 2x4 SP M 31
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -t 1-11-8, Right 2x6 SP No.2 -t 1-11-8

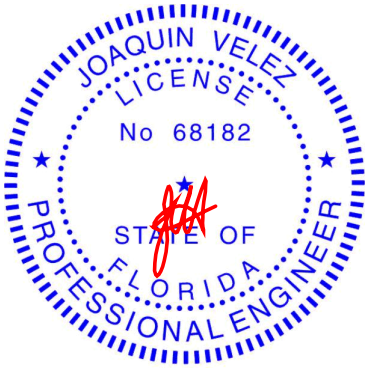
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-7-11 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 16-17. 10-0-0 oc bracing: 14-16
WEBS	1 Row at midpt 6-14

REACTIONS. (size) 10=0-3-8, 2=0-5-8
Max Horz 2=199(LC 9)
Max Uplift 10=-159(LC 13), 2=-193(LC 12)
Max Grav 10=1006(LC 20), 2=1081(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1202/203, 4-5=-1070/229, 5-6=-800/221, 6-7=-1500/376, 7-8=-1433/220, 8-10=-1220/210
BOT CHORD 2-17=-192/1012, 5-14=-96/474, 13-14=-47/806, 12-13=-222/1479, 10-11=-115/809
WEBS 14-17=-191/1058, 6-13=-268/812, 7-13=-302/222, 8-13=-416/166

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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 11-0-0, Exterior(2E) 11-0-0 to 13-2-0, Exterior(2R) 13-2-0 to 17-8-0, Interior(1) 17-8-0 to 24-0-0 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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=159, 2=193.



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May 13,2021

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930972
2779092	T06	Roof Special	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:09 2021 Page 1
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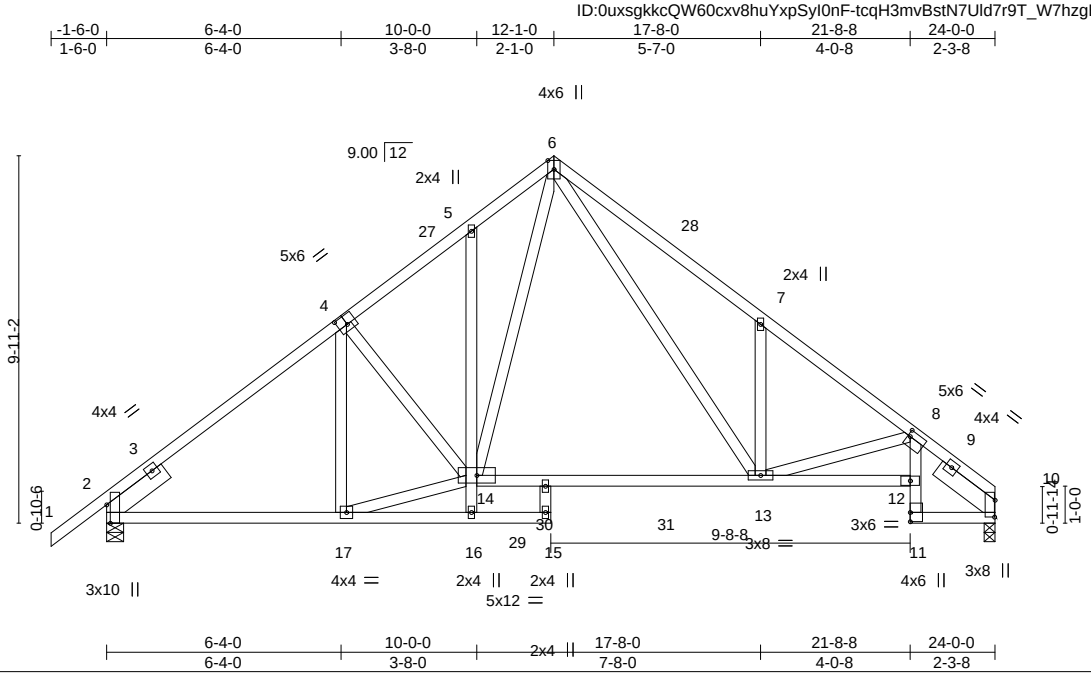


Plate Offsets (X,Y)-- [2:0-6-0,Edge], [4:0-3-0,0-3-0], [8:0-0-12,0-2-0], [10:0-5-8,0-0-3]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.54	Vert(LL)	-0.21	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.73	Vert(CT)	-0.36	13-14	>809	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.10	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 171 lb	FT = 20%

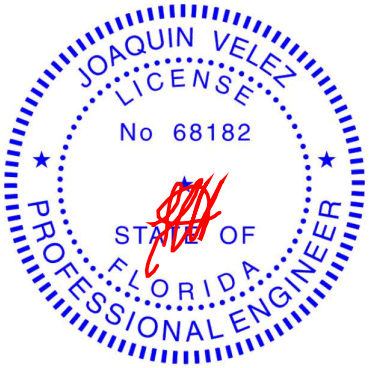
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
5-16: 2x4 SP No.3, 8-11: 2x4 SP M 31
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -t 1-11-8, Right 2x6 SP No.2 -t 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 16-17.
10-0-0 oc bracing: 14-16

REACTIONS. (size) 10=0-3-8, 2=0-5-8
Max Horz 2=216(LC 9)
Max Uplift 10=-160(LC 13), 2=-193(LC 12)
Max Grav 10=1050(LC 20), 2=1132(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1265/215, 4-5=-1247/249, 5-6=-1226/308, 6-7=-1617/404, 7-8=-1521/247, 8-10=-1279/212
BOT CHORD 2-17=-201/1078, 13-14=-50/829, 12-13=-221/1527, 10-11=-118/846
WEBS 14-17=-189/1255, 6-14=-208/855, 6-13=-304/912, 7-13=-336/254, 8-13=-379/151

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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 12-1-0, Exterior(2R) 12-1-0 to 15-1-0, Interior(1) 15-1-0 to 24-0-0 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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=160, 2=193.



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Date:
May 13,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930973
2779092	T07	Roof Special Girder	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:11 2021 Page 1
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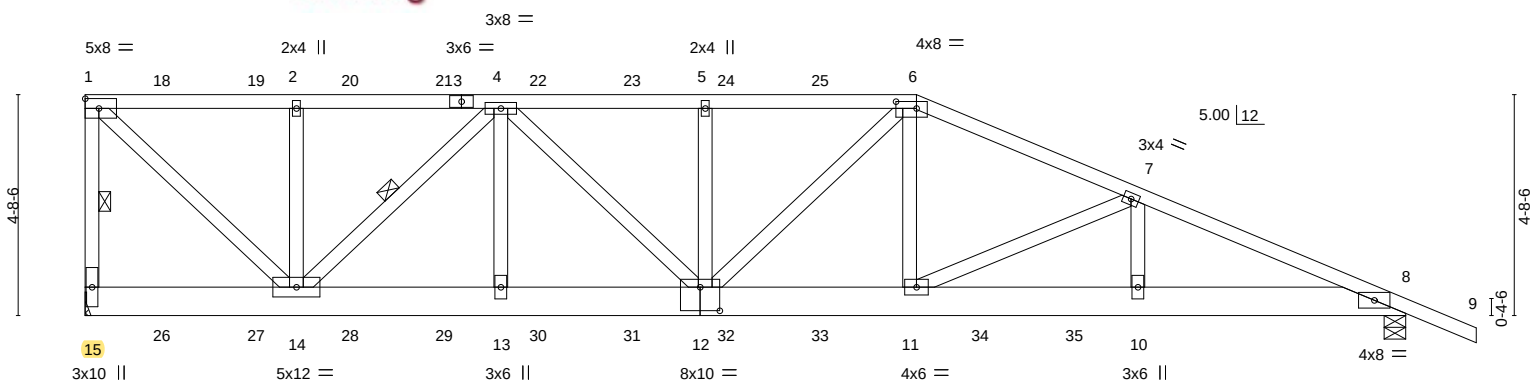
4-5-14	8-10-1	13-2-3	17-8-1	22-4-9	28-0-14	29-6-14
4-5-14	4-4-2	4-4-2	4-5-14	4-8-8	5-8-5	1-6-0

Scale = 1:49.0

Bracing



4-5-14	8-10-1	13-2-3	17-8-1	22-4-9	28-0-14
4-5-14	4-4-2	4-4-2	4-5-14	4-8-8	5-8-5

Plate Offsets (X,Y)-- [6:0-5-4,0-1-12], [12:0-5-0,0-6-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.75	Vert(LL)	-0.16	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.30	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.62	Horz(CT)	0.05	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 204 lb	FT = 20%

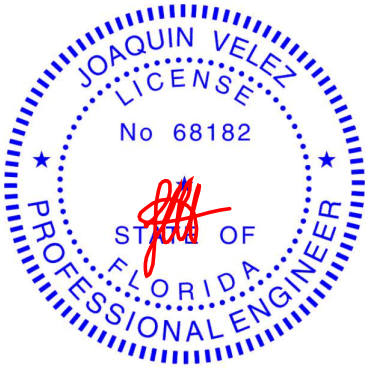
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
1-14,4-14,4-12,6-12: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-4-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 1-15, 4-14

REACTIONS. (size) 15=Mechanical, 8=0-5-8
Max Horz 15=-168(LC 9)
Max Uplift 15=-799(LC 5), 8=-667(LC 9)
Max Grav 15=2234(LC 1), 8=2145(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-15=-2094/778, 1-2=-1981/707, 2-4=-1981/707, 4-5=-3744/1308, 5-6=-3757/1315, 6-7=-3980/1318, 7-8=-4734/1473
BOT CHORD 13-14=-1047/3271, 12-13=-1047/3271, 11-12=-1120/3662, 10-11=-1285/4325, 8-10=-1285/4325
WEBS 1-14=-973/2737, 2-14=-507/288, 4-14=-1804/637, 4-13=-43/406, 4-12=-222/670, 5-12=-500/286, 6-11=-271/1024, 7-11=-772/260, 7-10=-58/400

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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=799, 8=667.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 125 lb down and 100 lb up at 1-7-6, 125 lb down and 100 lb up at 3-7-6, 125 lb down and 100 lb up at 5-7-6, 125 lb down and 100 lb up at 7-7-6, 125 lb down and 100 lb up at 9-7-5, 125 lb down and 100 lb up at 11-7-5, 125 lb down and 100 lb up at 13-7-5, and 125 lb down and 100 lb up at 15-7-5, and 122 lb down and 100 lb up at 17-8-1 on top chord, and 86 lb down and 24 lb up at 1-7-6, 86 lb down and 24 lb up at 3-7-6, 86 lb down and 24 lb up at 5-7-6, 86 lb down and 24 lb up at 7-7-6, 86 lb down and 24 lb up at 9-7-5, 86 lb down and 24 lb up at 11-7-5, 86 lb down and 24 lb up at 13-7-5, 86 lb down and 24 lb up at 15-7-5, 86 lb down and 24 lb up at 17-7-5, and 225 lb down and 106 lb up at 19-0-2, and 446 lb down and 142 lb up at 21-0-2 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).



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May 13,2021

LOAD CASE(S) Standard

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

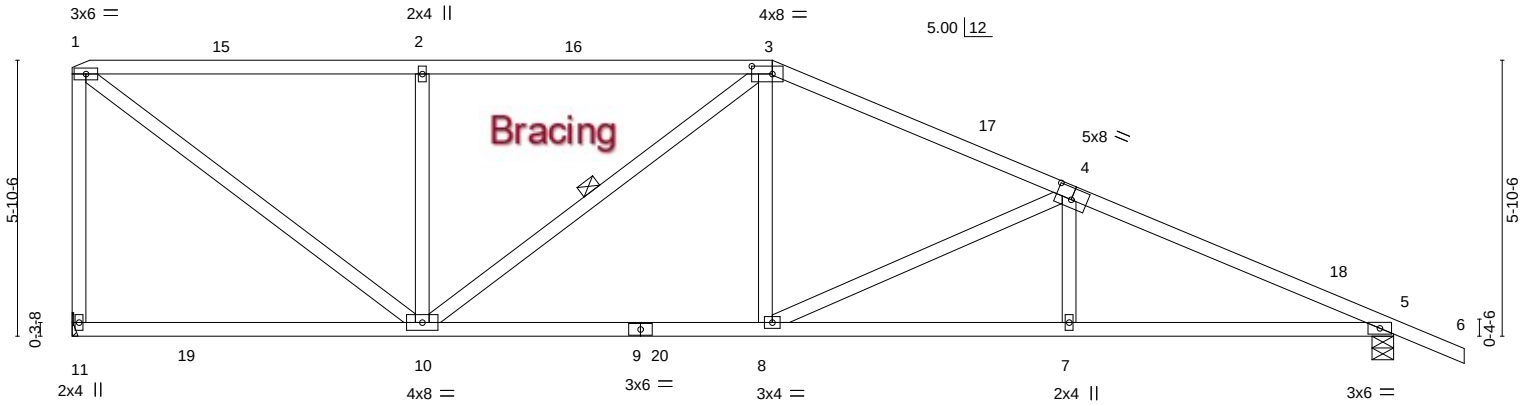
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-6=-54, 6-9=-54, 8-15=-20
   Concentrated Loads (lb)
   Vert: 6=-109(F) 11=-65(F) 18=-109(F) 19=-109(F) 20=-109(F) 21=-109(F) 22=-109(F) 23=-109(F) 24=-109(F) 25=-109(F) 26=-65(F) 27=-65(F) 28=-65(F) 29=-65(F) 30=-65(F) 31=-65(F) 32=-65(F) 33=-65(F) 34=-225(F) 35=-446(F)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES.
2779092	T08	Hip	1	1	T23930974
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:12 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-HBVQioy38oliLDMiXI0h8mJRUOHmsR??1YjRlTzHUkz

0-4-8 7-5-4 14-10-8 21-2-2 28-0-14 29-6-14
0-4-8 7-0-12 7-5-4 6-3-11 6-10-12 1-6-0

Scale = 1:48.9



7-5-4 14-10-8 21-2-2 28-0-14
7-5-4 7-5-4 6-3-11 6-10-12

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

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	0.76	Vert(LL)	-0.13	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.72	Vert(CT)	-0.23	8-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.06	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 151 lb	FT = 20%

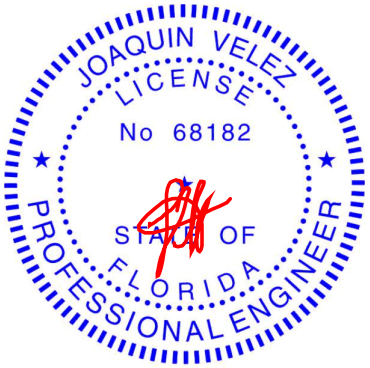
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 11=Mechanical, 5=0-5-8
Max Horz 11=-208(LC 13)
Max Uplift 11=-262(LC 9), 5=-279(LC 13)
Max Grav 11=1152(LC 2), 5=1189(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1172/268, 2-3=-1172/268, 3-4=-1627/364, 4-5=-2292/498, 1-11=-1013/279
BOT CHORD 8-10=-162/1460, 7-8=-382/2094, 5-7=-383/2085
WEBS 1-10=-331/1446, 2-10=-458/223, 3-10=-360/145, 3-8=-57/551, 4-8=-708/242, 4-7=0/269

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) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 14-10-8, Exterior(2R) 14-10-8 to 19-1-6, Interior(1) 19-1-6 to 29-6-14 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=262, 5=279.



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May 13,2021

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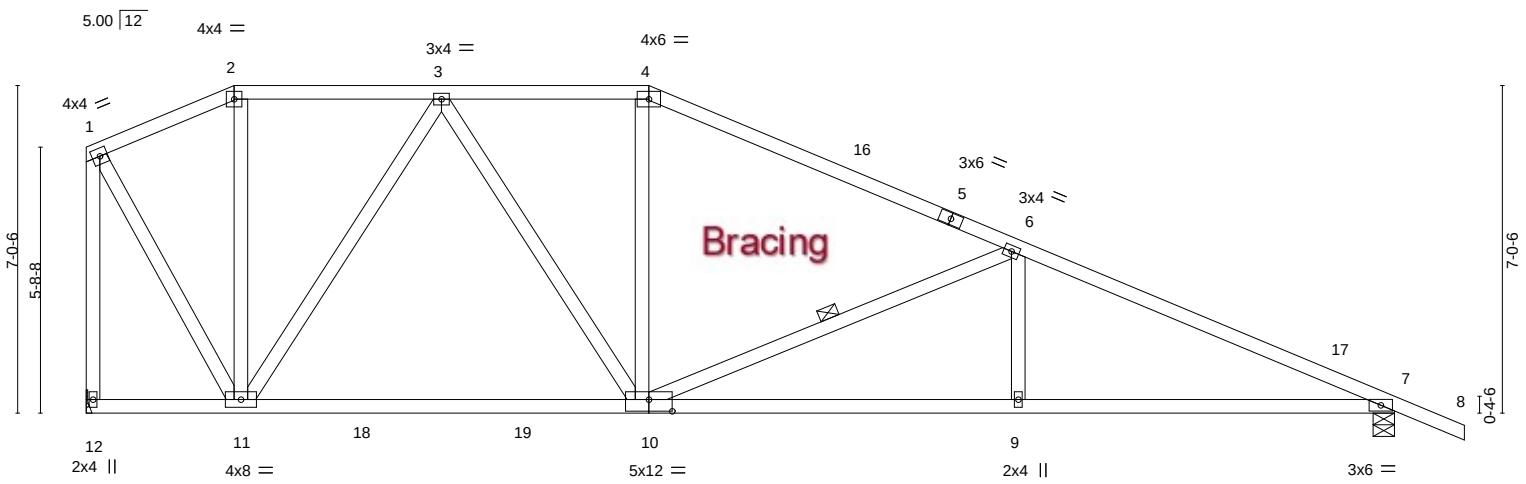
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930975
2779092	T09	Hip	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:13 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-IN3ov8zhv5tZyNxu4?YwhzsdJoZFbqK9FCT_HvzHUky

3-2-1	7-7-8	12-0-14	20-0-0	28-0-14	29-6-14
3-2-1	4-5-6	4-5-6	7-11-2	8-0-14	1-6-0

Scale = 1:49.4



3-2-1	12-0-14	20-0-0	28-0-14
3-2-1	8-10-13	7-11-2	8-0-14

Plate Offsets (X,Y)-- [10:0-6-0,0-3-0]

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)	-0.22	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.90	Vert(CT)	-0.37	10-11	>901	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.06	7	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 164 lb	FT = 20%

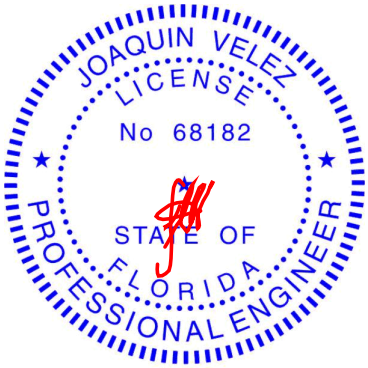
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-10

REACTIONS. (size) 12=Mechanical, 7=0-5-8
Max Horz 12=-223(LC 13)
Max Uplift 12=-215(LC 9), 7=-275(LC 13)
Max Grav 12=1139(LC 2), 7=1185(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-579/126, 2-3=-514/133, 3-4=-1198/313, 4-6=-1375/296, 6-7=-2213/475, 1-12=-1155/236
BOT CHORD 10-11=-51/915, 9-10=-352/2008, 7-9=-352/2008
WEBS 3-11=-754/231, 3-10=-140/518, 4-10=0/279, 6-10=-883/313, 6-9=0/324, 1-11=-181/1019

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 3-2-1, Exterior(2R) 3-2-1 to 7-7-8, Interior(1) 7-7-8 to 12-0-14, Exterior(2R) 12-0-14 to 16-3-13, Interior(1) 16-3-13 to 29-6-14 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=215, 7=275.



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Date:
May 13,2021

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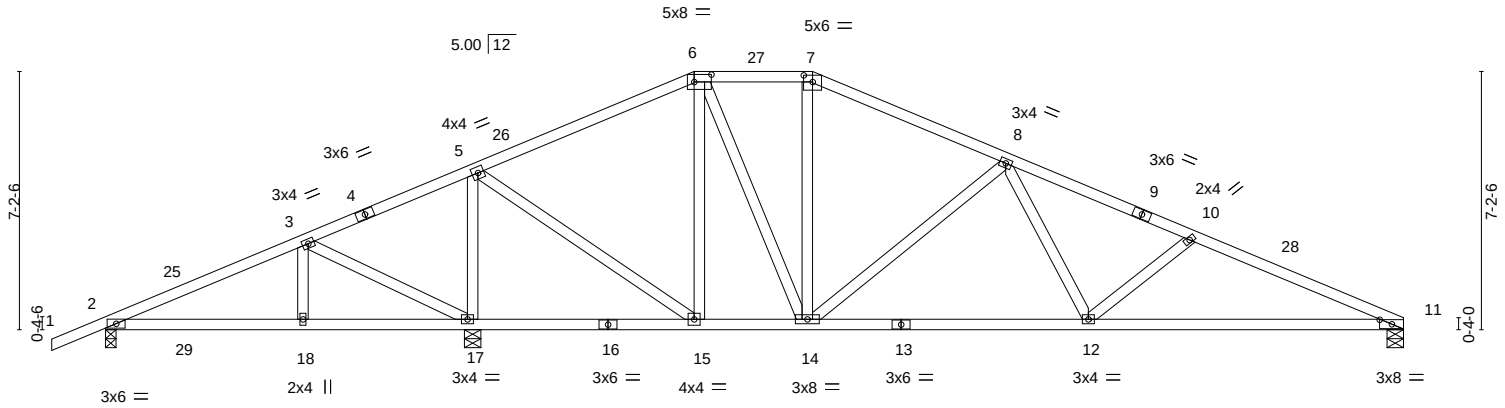
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930976
2779092	T10	Hip	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:14 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-DZdA6TzJgP?QaXW4ei39DBPrmCyXKLsIUsDYpLzHUkx

-1-6-0	5-6-0	10-2-12	16-4-13	19-8-6	25-1-0	30-2-7	36-2-0
1-6-0	5-6-0	4-8-12	6-2-1	3-3-10	5-4-9	5-1-7	5-11-9

Scale: 3/16"=1'



5-6-0	10-2-12	16-4-13	19-8-6	27-4-10	36-2-0
5-6-0	4-8-12	6-2-1	3-3-10	7-8-3	8-9-6

Plate Offsets (X,Y)-- [6:0-5-12,0-2-8], [7:0-3-0,0-2-4], [11:0-4-1,0-1-8]

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	0.45	Vert(LL)	-0.12	12-24	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.77	Vert(CT)	-0.27	12-24	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.03	11	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 195 lb	FT = 20%

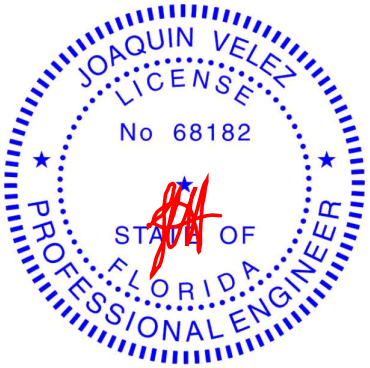
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 17=0-5-8, 11=0-5-8
Max Horz 2=120(LC 16)
Max Uplift 2=-132(LC 8), 17=-348(LC 8), 11=-219(LC 13)
Max Grav 2=305(LC 23), 17=1664(LC 1), 11=866(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-135/276, 3-5=-184/604, 5-6=-519/185, 6-7=-618/245, 7-8=-731/237, 8-10=-1479/392, 10-11=-1732/458
BOT CHORD 15-17=-508/258, 14-15=-5/402, 12-14=-199/1112, 11-12=-372/1573
WEBS 3-18=-261/203, 3-17=-473/471, 5-17=-1337/364, 5-15=-238/1116, 6-15=-545/171, 6-14=-150/552, 8-14=-647/248, 8-12=-78/493, 10-12=-339/180

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) -1-6-0 to 2-1-6, Interior(1) 2-1-6 to 16-4-13, Exterior(2E) 16-4-13 to 19-8-6, Exterior(2R) 19-8-6 to 25-1-0, Interior(1) 25-1-0 to 36-2-0 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) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=132, 17=348, 11=219.



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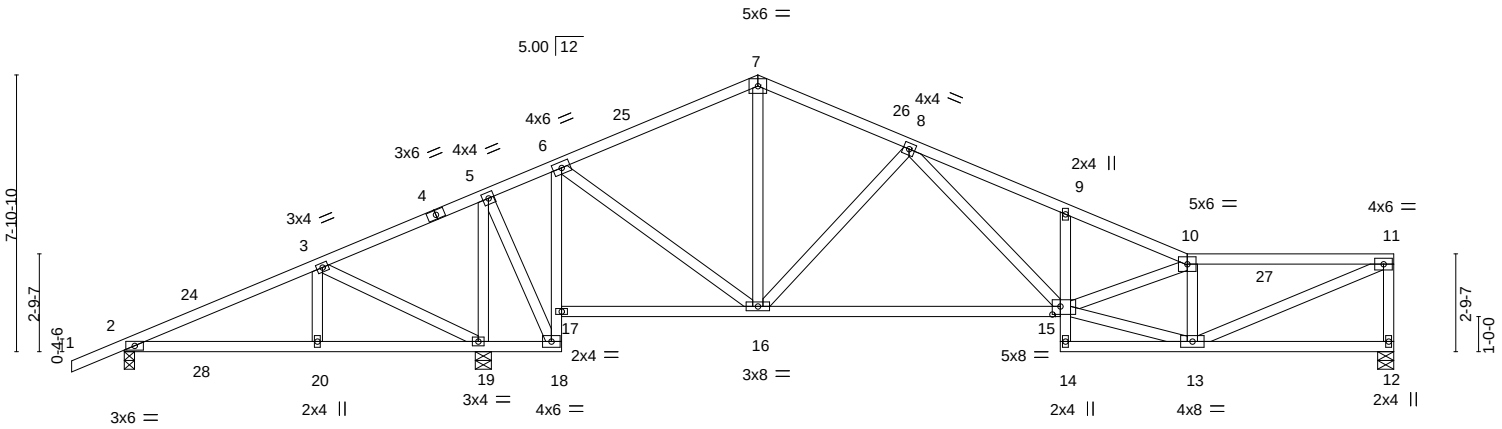
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930977
2779092	T11	Roof Special	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:15 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-hmBYKp_yRj7HCg5GCQaOmOx0GcIi3p3SjWy5LozHUkw

-1-6-0	5-6-0	10-2-12	12-5-8	18-0-10	22-4-5	26-8-0	30-3-6	36-2-0
1-6-0	5-6-0	4-8-12	2-2-12	5-7-2	4-3-11	4-3-11	3-7-6	5-10-10

Scale = 1:65.6



5-6-0	10-2-12	12-5-8	18-0-10	26-8-0	30-3-6	36-2-0
5-6-0	4-8-12	2-2-12	5-7-2	8-7-6	3-7-6	5-10-10

Plate Offsets (X,Y)-- [15:0-2-12,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.47	Vert(LL)	-0.18	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.40	15-16	>778	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.59	Horz(CT)	0.02	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 213 lb	FT = 20%

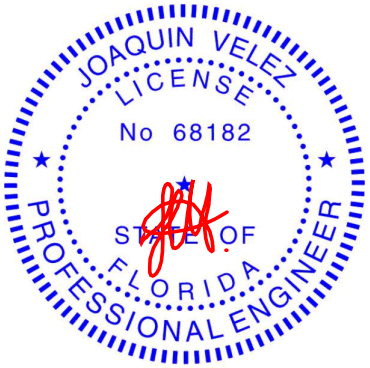
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-18,9-14: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-4-2 oc bracing.

REACTIONS. (size) 12=0-5-8, 2=0-3-8, 19=0-5-8
Max Horz 2=178(LC 12)
Max Uplift 12=-219(LC 13), 2=-136(LC 8), 19=-348(LC 12)
Max Grav 12=852(LC 1), 2=292(LC 23), 19=1689(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-113/295, 3-5=-164/677, 6-7=-648/215, 7-8=-631/207, 8-9=-1821/515, 9-10=-1783/451, 10-11=-1468/365, 11-12=-792/231
BOT CHORD 2-20=-276/76, 19-20=-276/76, 18-19=-585/155, 17-18=-1024/245, 6-17=-982/254, 15-16=-214/987
WEBS 3-19=-518/481, 5-19=-1337/286, 5-18=-216/1099, 6-16=-130/795, 7-16=-77/273, 8-16=-676/265, 8-15=-257/960, 13-15=-355/1531, 10-13=-957/292, 11-13=-383/1553

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) -1-6-0 to 2-1-6, Interior(1) 2-1-6 to 18-0-10, Exterior(2R) 18-0-10 to 21-8-0, Interior(1) 21-8-0 to 36-0-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=219, 2=136, 19=348.



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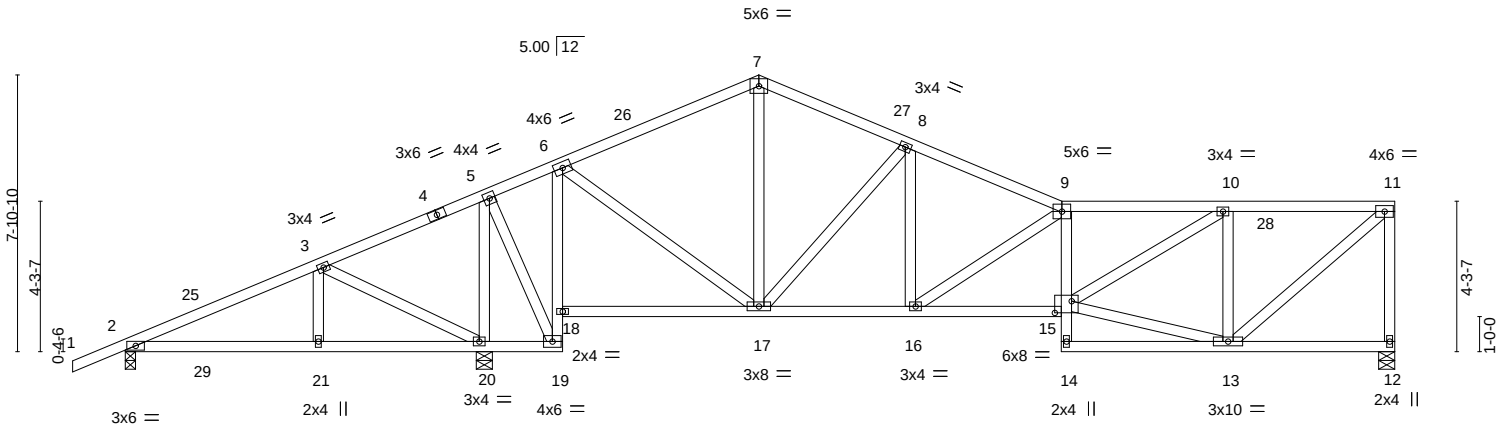
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930978
2779092	T12	Roof Special	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:17 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-e8JJlV0CzKN?R_EfJrcsrp1N0P3CXikkAqRCQgzHUku

-1-6-0	5-6-0	10-2-12	12-5-8	18-0-10	22-4-6	26-8-3	31-5-0	36-2-0
1-6-0	5-6-0	4-8-12	2-2-12	5-7-2	4-3-13	4-3-13	4-8-13	4-9-0

Scale = 1:65.6



5-6-0	10-2-12	12-5-8	18-0-10	22-4-6	26-8-0	31-5-0	36-2-0
5-6-0	4-8-12	2-2-12	5-7-2	4-3-13	4-3-10	4-9-0	4-9-0

Plate Offsets (X,Y)-- [15:0-5-12,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	-0.08	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.16	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.04	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 226 lb	FT = 20%

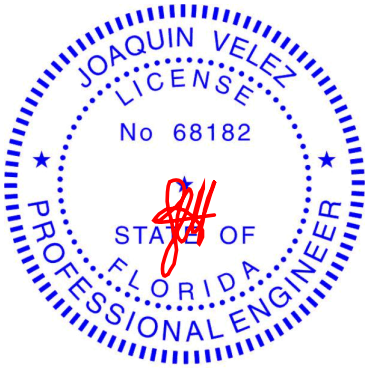
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-19,9-14: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-5-4 oc bracing.

REACTIONS. (size) 12=0-5-8, 2=0-3-8, 20=0-5-8
Max Horz 2=207(LC 12)
Max Uplift 12=-219(LC 13), 2=-127(LC 8), 20=-357(LC 12)
Max Grav 12=855(LC 1), 2=293(LC 23), 20=1677(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-118/275, 3-5=-195/656, 6-7=-645/200, 7-8=-628/192, 8-9=-1145/291, 9-10=-1671/416, 10-11=-828/210, 11-12=-812/229
BOT CHORD 2-21=-289/80, 20-21=-289/80, 19-20=-566/143, 18-19=-1011/253, 6-18=-952/267, 16-17=-236/1025, 15-16=-421/1693
WEBS 3-20=-518/482, 5-20=-1332/296, 5-19=-228/1092, 6-17=-145/764, 7-17=-66/253, 8-17=-737/240, 8-16=-84/475, 13-15=-199/780, 10-15=-241/989, 10-13=-803/264, 11-13=-274/1079, 9-16=-802/222

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) -1-6-0 to 2-1-6, Interior(1) 2-1-6 to 18-0-10, Exterior(2R) 18-0-10 to 21-8-0, Interior(1) 21-8-0 to 36-0-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=219, 2=127, 20=357.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 13,2021

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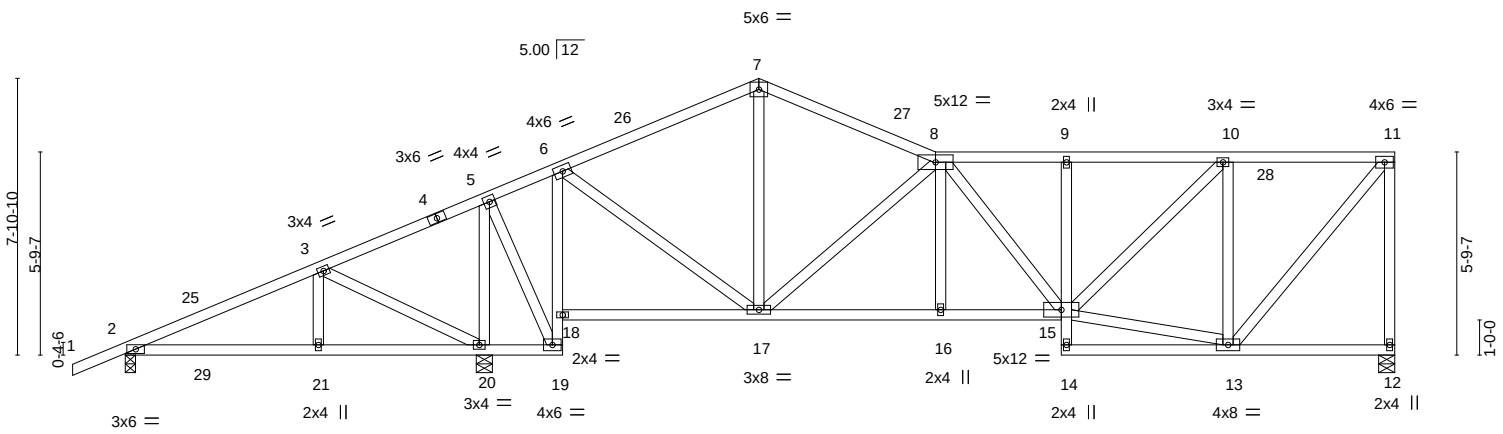
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930979
2779092	T13	Roof Special	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:18 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyl0nF-6Lthyr0qkeVs38prtY75O1ZYIpPAG8huPUBly6zHUkt

-1-6-0 | 5-6-0 | 10-2-12 | 12-5-8 | 18-0-10 | 23-1-0 | 26-8-0 | 31-5-0 | 36-2-0
1-6-0 | 5-6-0 | 4-8-12 | 2-2-12 | 5-7-2 | 5-0-6 | 3-7-0 | 4-9-0 | 4-9-0

Scale = 1:65.6



5-6-0 | 10-2-12 | 12-5-8 | 18-0-10 | 23-1-0 | 26-8-0 | 31-5-0 | 36-2-0
5-6-0 | 4-8-12 | 2-2-12 | 5-7-2 | 5-0-6 | 3-7-0 | 4-9-0 | 4-9-0

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	0.42	Vert(LL)	-0.06	16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.10	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.03	12	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 236 lb	FT = 20%

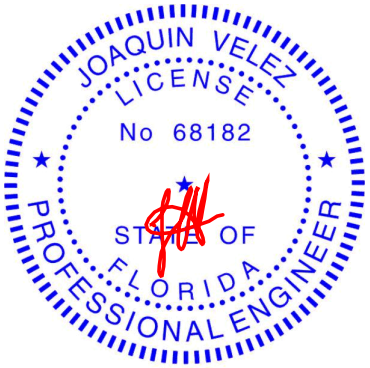
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-19,9-14: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-7-15 oc bracing.

REACTIONS. (size) 12=0-5-8, 2=0-3-8, 20=0-5-8
Max Horz 2=237(LC 12)
Max Uplift 12=-224(LC 13), 2=-118(LC 8), 20=-364(LC 9)
Max Grav 12=867(LC 1), 2=309(LC 23), 20=1634(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-5=-221/577, 6-7=-684/183, 7-8=-671/168, 8-9=-1092/276, 9-10=-1086/275, 10-11=-600/153, 11-12=-827/234
BOT CHORD 2-21=-305/116, 20-21=-305/116, 19-20=-492/126, 18-19=-966/256, 6-18=-912/270, 16-17=-278/1134, 15-16=-277/1137
WEBS 3-20=-516/482, 5-20=-1303/305, 5-19=-235/1057, 6-17=-153/731, 7-17=-29/266, 8-17=-755/222, 13-15=-151/567, 10-15=-165/662, 10-13=-740/250, 11-13=-237/933

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) -1-6-0 to 2-1-6, Interior(1) 2-1-6 to 18-0-10, Exterior(2R) 18-0-10 to 21-8-0, Interior(1) 21-8-0 to 36-0-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=224, 2=118, 20=364.



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Date:
May 13,2021

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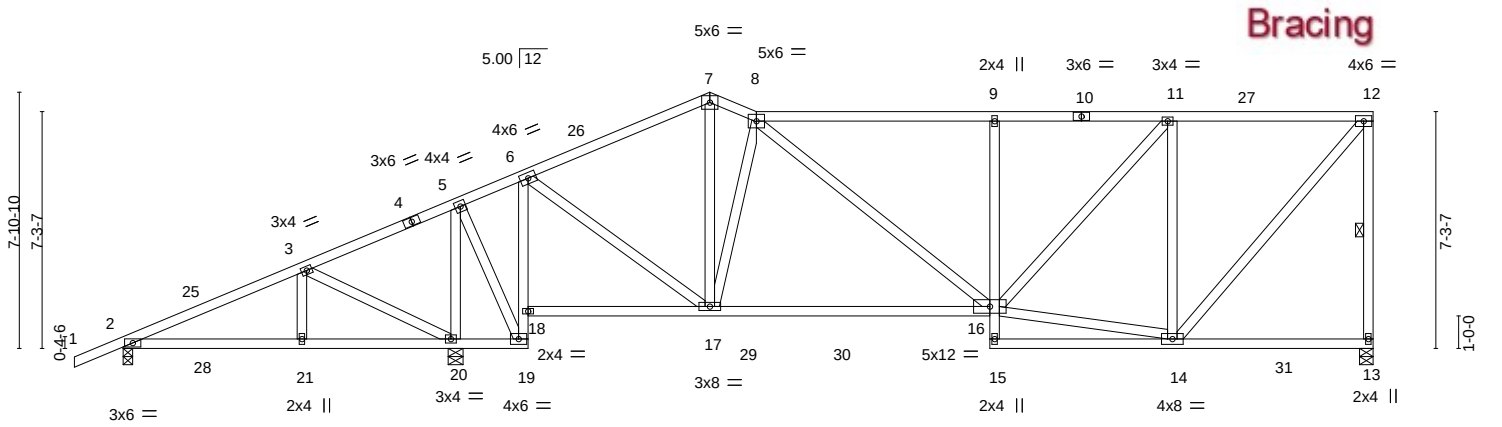
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930980
2779092	T14	Roof Special	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:20 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-2j_RNX24GFlZISzE?zAZTSfs9d_Mk1QBsogs1?zHUkr

-1-6-0	5-6-0	10-2-12	12-5-8	18-0-10	19-5-13	26-8-0	32-3-6	38-5-8
1-6-0	5-6-0	4-8-12	2-2-12	5-7-2	1-5-3	7-2-3	5-7-6	6-2-2

Scale = 1:70.9



5-6-0	10-2-12	12-5-8	18-0-10	26-8-0	32-3-6	38-5-8
5-6-0	4-8-12	2-2-12	5-7-2	8-7-6	5-7-6	6-2-2

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	0.52	Vert(LL)	-0.23	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.42	16-17	>804	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.03	13	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 254 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 6-19,9-15: 2x4 SP No.3
WEBS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-7-3 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 5-3-2 oc bracing.
WEBS	1 Row at midpt 12-13

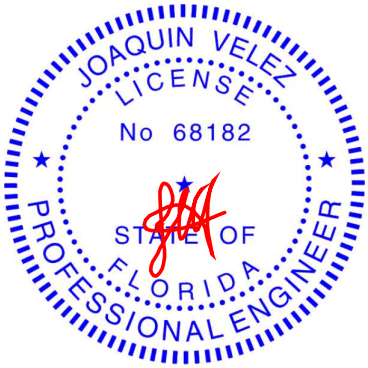
REACTIONS. (size) 13=0-5-0, 2=0-3-8, 20=0-5-8
Max Horz 2=266(LC 12)
Max Uplift 13=-252(LC 13), 2=-104(LC 8), 20=-428(LC 9)
Max Grav 13=1075(LC 2), 2=311(LC 23), 20=1869(LC 2)

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

TOP CHORD	3-5=-272/625, 6-7=-876/168, 7-8=-839/182, 8-9=-1177/279, 9-11=-1158/273, 11-12=-722/170, 12-13=-956/266
BOT CHORD	2-21=-308/121, 20-21=-308/121, 19-20=-545/132, 18-19=-1116/283, 6-18=-1057/293, 16-17=-209/929, 9-16=-370/178
WEBS	3-20=-555/483, 5-20=-1463/336, 5-19=-268/1229, 6-17=-172/935, 7-17=-101/546, 8-17=-751/258, 8-16=-95/350, 14-16=-144/767, 11-16=-148/632, 11-14=-749/266, 12-14=-258/1098

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) -1-6-0 to 2-4-2, Interior(1) 2-4-2 to 18-0-10, Exterior(2E) 18-0-10 to 19-5-13, Interior(1) 19-5-13 to 38-3-12 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=252, 2=104, 20=428.



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Date:
May 13,2021

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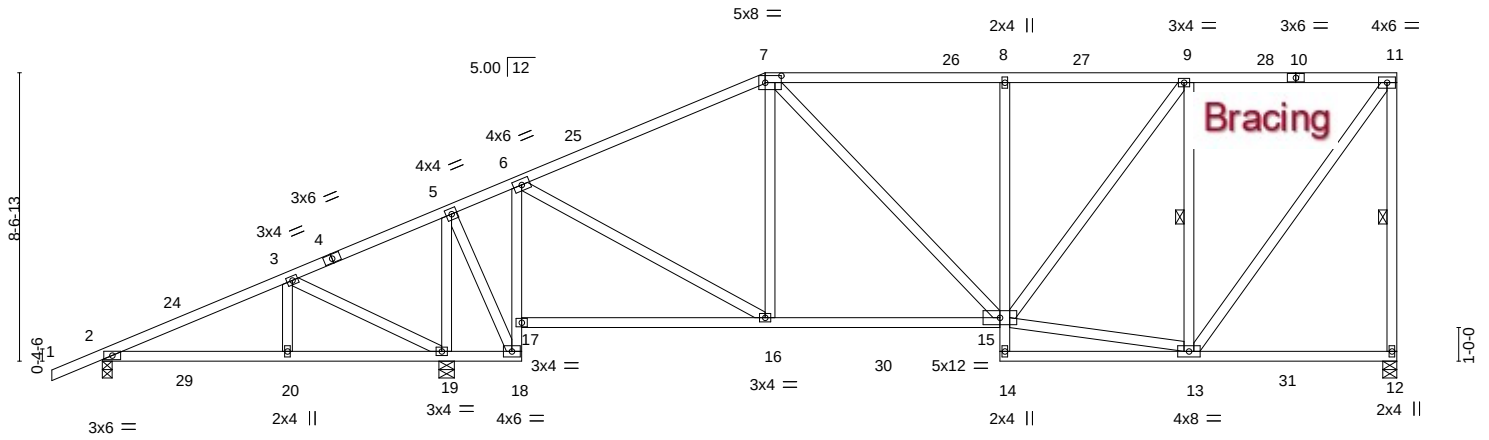
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930981
2779092	T15	Half Hip	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:21 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-WvYqat3j1ZtQwcYQYhho?fB260NRTXzK5SPPZRzHUkq

-1-6-0	5-6-0	10-2-12	12-5-8	19-8-5	26-8-0	32-3-6	38-5-8
1-6-0	5-6-0	4-8-12	2-2-12	7-2-13	6-11-11	5-7-6	6-2-2

Scale = 1:68.5



5-6-0	10-2-12	12-5-8	19-8-5	26-8-0	32-3-6	38-5-8
5-6-0	4-8-12	2-2-12	7-2-13	6-11-11	5-7-6	6-2-2

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

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	0.51	Vert(LL)	-0.11	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.19	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.04	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 258 lb	FT = 20%

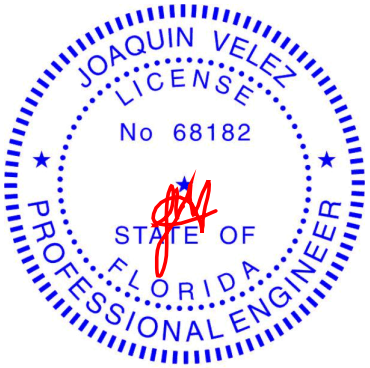
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-18,8-14: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-3-4 oc bracing.
WEBS 1 Row at midpt 11-12, 9-13

REACTIONS. (size) 12=0-5-0, 2=0-3-8, 19=0-5-8
Max Horz 2=301(LC 12)
Max Uplift 12=-258(LC 8), 2=-78(LC 8), 19=-494(LC 12)
Max Grav 12=1087(LC 2), 2=254(LC 1), 19=1867(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-5=-288/618, 6-7=-962/181, 7-8=-968/239, 8-9=-957/235, 9-11=-618/148, 11-12=-965/271
BOT CHORD 2-20=-323/0, 19-20=-323/0, 18-19=-539/111, 17-18=-1138/311, 6-17=-1026/331, 15-16=-204/824, 8-15=-354/173
WEBS 3-19=-559/486, 5-19=-1473/437, 5-18=-346/1268, 6-16=-172/889, 13-15=-133/619, 9-15=-171/552, 9-13=-733/270, 11-13=-250/1043

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) -1-6-0 to 2-4-2, Interior(1) 2-4-2 to 19-8-5, Exterior(2R) 19-8-5 to 25-1-9, Interior(1) 25-1-9 to 38-3-12 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 12=258, 19=494.



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Date:
May 13,2021

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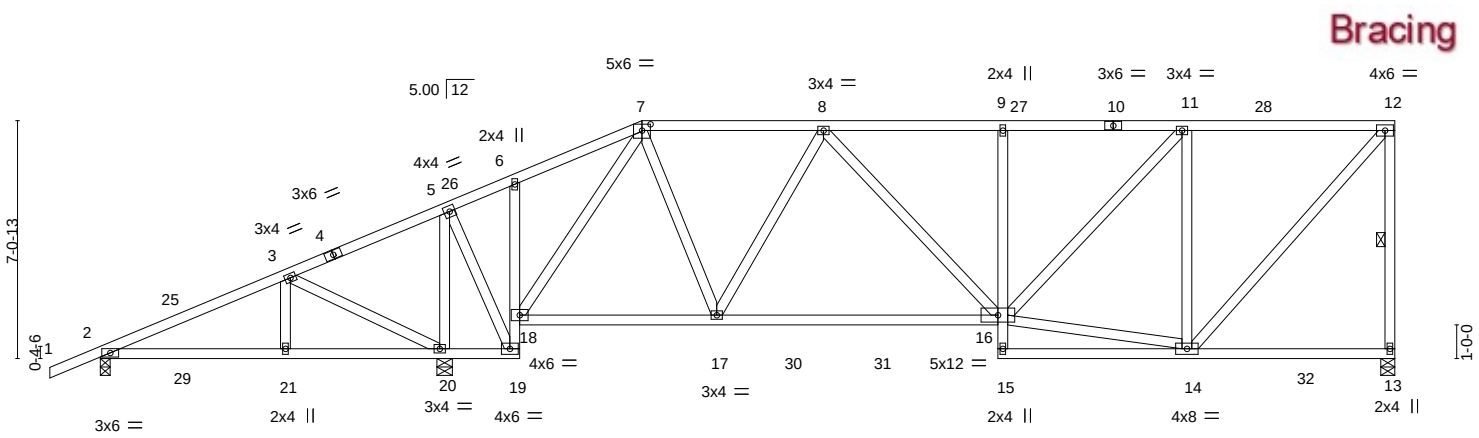
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930982
2779092	T16	Half Hip	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:23 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-SIga?Y4zZA789vipg5jH44HQrq0_xKidZmuWeKzHUko

-1-6-0	5-6-0	10-2-12	12-5-8	16-1-2	21-5-13	26-8-0	32-3-6	38-5-8
1-6-0	5-6-0	4-8-12	2-2-12	3-7-10	5-4-11	5-2-3	5-7-6	6-2-2

Scale = 1:68.5



5-6-0	10-2-12	12-5-8	18-3-12	26-8-0	32-3-6	38-5-8
5-6-0	4-8-12	2-2-12	5-10-4	8-4-4	5-7-6	6-2-2

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

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	0.37	Vert(LL)	-0.22	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.81	Vert(CT)	-0.39	16-17	>863	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	1.00	Horz(CT)	0.04	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 249 lb	FT = 20%

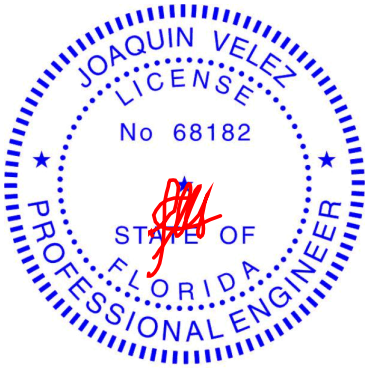
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-19,9-15: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-3-14 oc bracing.
WEBS 1 Row at midpt 12-13

REACTIONS. (size) 13=0-5-0, 2=0-3-8, 20=0-5-8
Max Horz 2=250(LC 12)
Max Uplift 13=-258(LC 8), 2=-80(LC 8), 20=-483(LC 8)
Max Grav 13=1074(LC 2), 2=242(LC 1), 20=1867(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-5=-254/628, 7-8=-860/187, 8-9=-1202/290, 9-11=-1191/290, 11-12=-747/182, 12-13=-955/272
BOT CHORD 2-21=-305/0, 20-21=-305/0, 19-20=-547/125, 18-19=-1094/257, 17-18=-147/584, 16-17=-278/1075, 9-16=-270/130
WEBS 3-20=-554/481, 5-20=-1461/416, 5-19=-280/1205, 7-18=-1094/261, 7-17=-124/770, 8-17=-480/190, 14-16=-166/801, 11-16=-150/629, 11-14=-759/277, 12-14=-272/1116

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) -1-6-0 to 2-4-2, Interior(1) 2-4-2 to 16-1-2, Exterior(2R) 16-1-2 to 21-5-13, Interior(1) 21-5-13 to 38-3-12 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 13=258, 20=483.



Joaquin Velez PE No.68182
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Date:
May 13,2021

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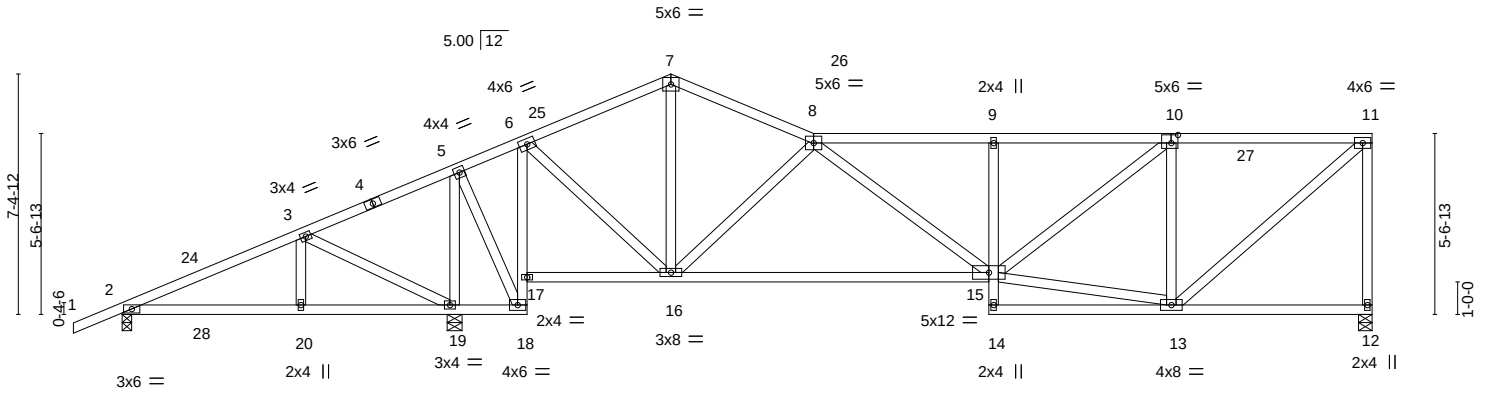
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930983
2779092	T17	Roof Special	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:24 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-xUEyDu5bKUF?n3H?EpEWdIpYvEKegswmnQe4AmzHUkn

-1-6-0	5-6-0	10-2-12	12-5-8	16-10-10	21-3-5	26-8-0	32-3-6	38-5-8
1-6-0	5-6-0	4-8-12	2-2-12	4-5-2	4-4-11	5-4-11	5-7-6	6-2-2

Scale = 1:70.9



5-6-0	10-2-12	12-5-8	16-10-10	26-8-0	32-3-6	38-5-8
5-6-0	4-8-12	2-2-12	4-5-2	9-9-6	5-7-6	6-2-2

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

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	0.54	Vert(LL)	-0.27	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.91	Vert(CT)	-0.57	15-16	>593	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.03	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 237 lb	FT = 20%

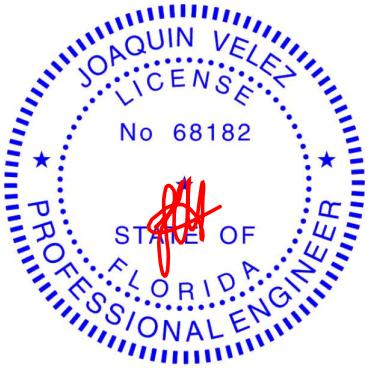
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-18,9-14: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-3-8 oc bracing.

REACTIONS. (size) 12=0-5-0, 2=0-3-8, 19=0-5-8
Max Horz 2=225(LC 12)
Max Uplift 12=-248(LC 13), 2=-114(LC 8), 19=-417(LC 9)
Max Grav 12=946(LC 1), 2=305(LC 23), 19=1759(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-145/301, 3-5=-246/664, 6-7=-670/169, 7-8=-667/156, 8-9=-1454/367, 9-10=-1431/364, 10-11=-857/221, 11-12=-893/262
BOT CHORD 2-20=-277/105, 19-20=-277/105, 18-19=-572/154, 17-18=-1055/273, 6-17=-1039/273, 15-16=-326/1244, 9-15=-302/146
WEBS 3-19=-514/481, 5-19=-1413/331, 5-18=-252/1138, 6-16=-176/882, 7-16=-37/312, 8-16=-936/307, 8-15=-72/288, 13-15=-196/870, 10-15=-173/707, 10-13=-778/271, 11-13=-291/1128

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) -1-6-0 to 2-4-2, Interior(1) 2-4-2 to 16-10-10, Exterior(2R) 16-10-10 to 20-8-12, Interior(1) 20-8-12 to 38-3-12 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=248, 2=114, 19=417.



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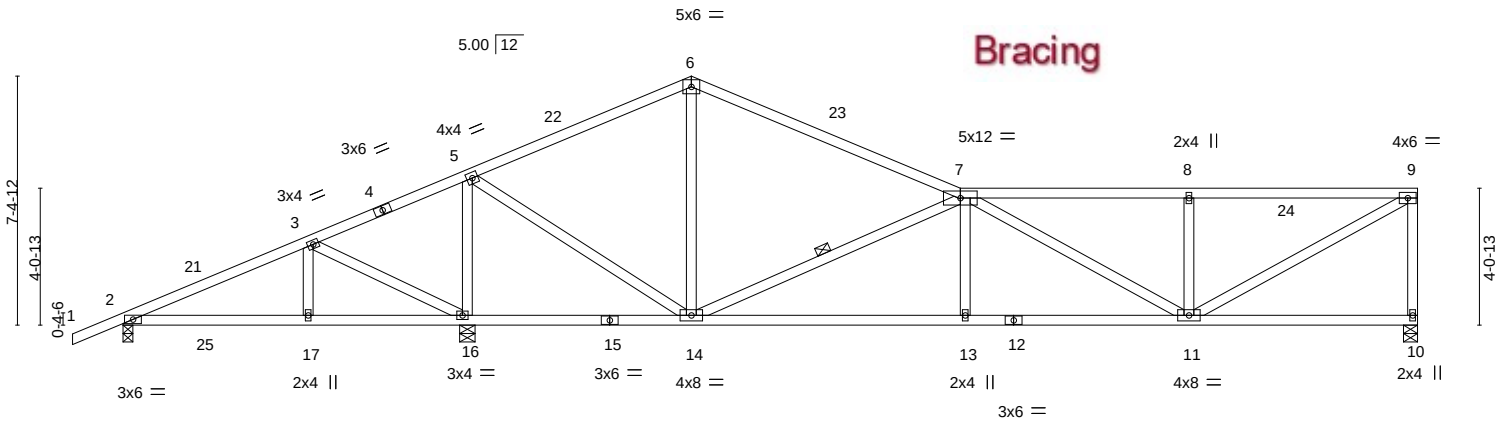
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930984
2779092	T18	Roof Special	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:25 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-PhoKQE6D5nOsODsBnWllAVMd0ekfOKXw04NdiCzHUkm

-1-6-0	5-6-0	10-2-12	16-10-10	24-10-8	31-8-0	38-5-8
1-6-0	5-6-0	4-8-12	6-7-14	7-11-14	6-9-8	6-9-8

Scale = 1:68.5



5-6-0	10-2-12	16-10-10	24-10-8	31-8-0	38-5-8
5-6-0	4-8-12	6-7-14	7-11-14	6-9-8	6-9-8

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	0.84	Vert(LL)	-0.12	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	-0.26	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.59	Horz(CT)	0.03	10	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 208 lb	FT = 20%

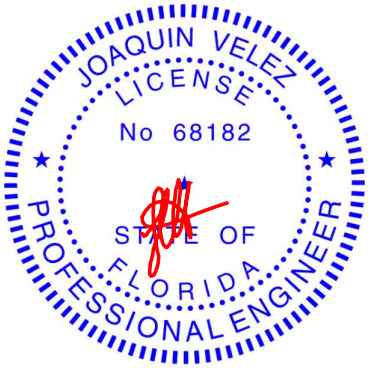
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

REACTIONS. (size) 10=0-5-0, 2=0-3-8, 16=0-5-8
Max Horz 2=196(LC 12)
Max Uplift 10=-238(LC 13), 2=-115(LC 8), 16=-412(LC 9)
Max Grav 10=918(LC 1), 2=265(LC 23), 16=1865(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-151/500, 3-5=-278/847, 5-6=-520/158, 6-7=-533/131, 7-8=-1264/324, 8-9=-1264/324, 9-10=-856/254
BOT CHORD 2-17=-443/132, 16-17=-443/132, 14-16=-733/238, 13-14=-385/1557, 11-13=-383/1563
WEBS 3-17=-261/212, 3-16=-484/475, 5-16=-1544/415, 5-14=-301/1370, 7-14=-1262/369, 7-13=0/296, 7-11=-342/67, 8-11=-400/196, 9-11=-364/1419

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-14

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) -1-6-0 to 2-4-2, Interior(1) 2-4-2 to 16-10-10, Exterior(2R) 16-10-10 to 20-8-12, Interior(1) 20-8-12 to 38-3-12 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=238, 2=115, 16=412.



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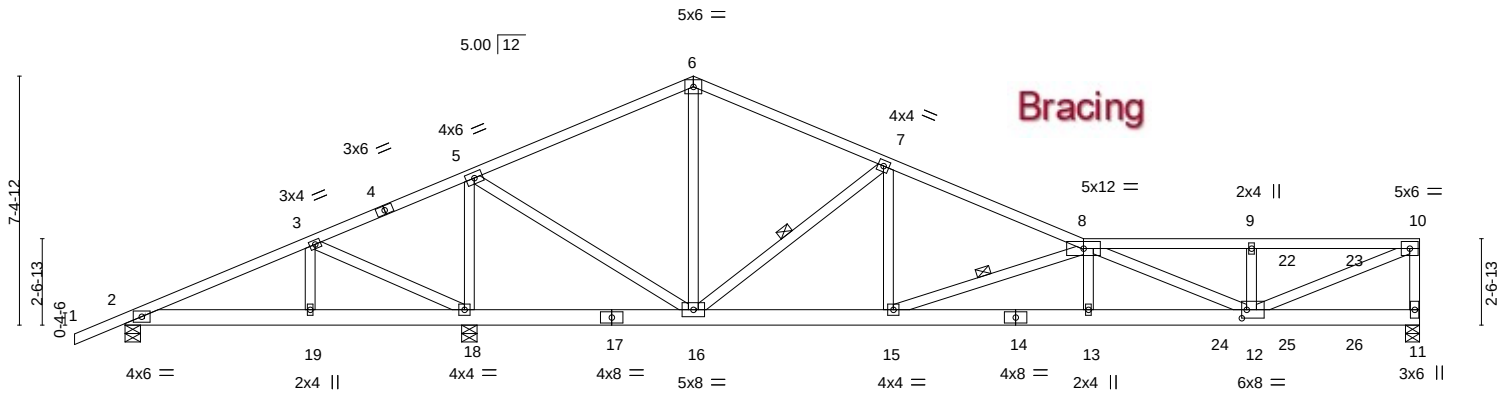
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930985
2779092	T19	Roof Special Girder	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:27 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-L3v5rw7TcPeaeX?avxoDFwR_TRLBsCADUNskn5zHUkk

-1-6-0	5-6-0	10-2-12	16-10-10	22-8-2	28-5-11	33-5-10	38-5-8
1-6-0	5-6-0	4-8-12	6-7-14	5-9-9	5-9-9	4-11-14	4-11-14

Scale = 1:68.5



5-6-0	10-2-12	16-10-10	22-8-2	28-5-11	33-5-10	38-5-8
5-6-0	4-8-12	6-7-14	5-9-9	5-9-9	4-11-14	4-11-14

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

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	0.77	Vert(LL)	-0.17	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.31	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.71	Horz(CT)	0.02	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 238 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
8-12,10-12: 2x4 SP No.2

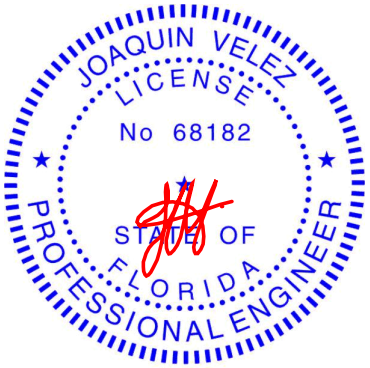
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-16, 8-15

REACTIONS. (size) 11=0-5-0, 2=0-5-8, 18=0-5-8
Max Horz 2=166(LC 8)
Max Uplift 11=-417(LC 9), 2=-331(LC 20), 18=-517(LC 5)
Max Grav 11=1303(LC 1), 2=104(LC 9), 18=2310(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-328/1135, 3-5=-348/1480, 5-6=-331/158, 6-7=-322/146, 7-8=-1357/354, 8-9=-2474/729, 9-10=-2474/729, 10-11=-1258/428
BOT CHORD 2-19=-1034/350, 18-19=-1034/350, 16-18=-1313/398, 15-16=-282/1207, 13-15=-828/3048, 12-13=-828/3061
WEBS 3-18=-455/202, 5-18=-1977/470, 5-16=-427/1836, 7-16=-1243/407, 7-15=-171/819, 8-15=-1968/584, 8-13=-3/274, 8-12=-654/329, 9-12=-298/174, 10-12=-778/2665

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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=417, 2=331, 18=517.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 69 lb down and 53 lb up at 34-5-4, and 69 lb down and 46 lb up at 36-5-4, and 54 lb down and 48 lb up at 38-3-12 on top chord, and 513 lb down and 172 lb up at 32-5-4, and 27 lb down and 15 lb up at 34-5-4, and 27 lb down at 36-5-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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



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May 13,2021

Continued on page 2

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Tampa, FL 36610

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-6=-54, 6-8=-54, 8-10=-54, 2-11=-20

Concentrated Loads (lb)

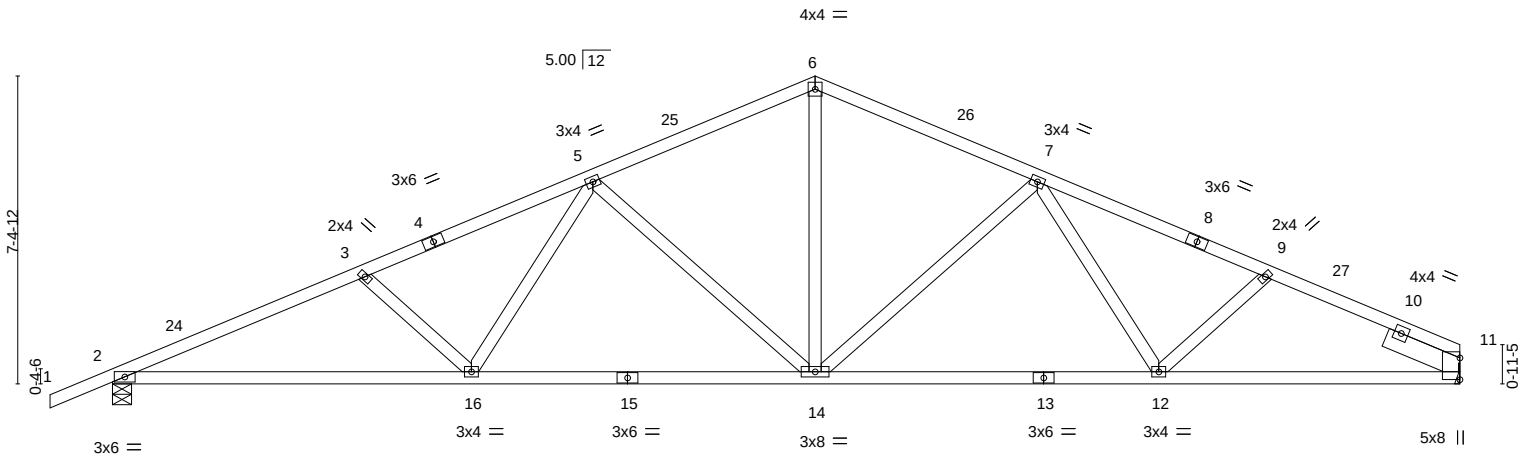
Vert: 10=-33(B) 22=-12(B) 23=-4(B) 24=-513(B) 25=-18(B) 26=-6(B)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930986
2779092	T20	Common	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:28 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-pGTT3G86NimRFgamTfJSn8_D_rjubhkMi1cHJXzHUkj

-1-6-0	6-0-12	11-6-8	16-10-10	22-2-11	27-8-6	32-4-8
1-6-0	6-0-12	5-5-12	5-4-1	5-4-1	5-5-12	4-8-2

Scale = 1:55.4



8-7-8	16-10-10	25-1-11	32-4-8
8-7-8	8-3-2	8-3-1	7-2-13

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)	-0.17	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.82	Vert(CT)	-0.38	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.63	Horz(CT)	0.12	11	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 165 lb	FT = 20%

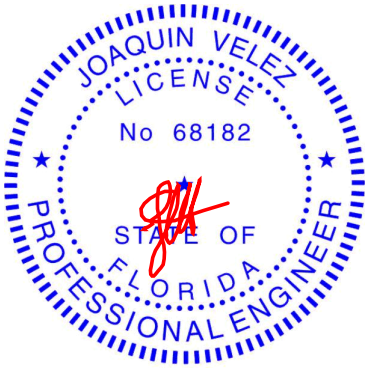
LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 8-11: 2x4 SP M 31
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Right 2x6 SP No.2 -t 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-10-5 oc bracing.

REACTIONS. (size) 2=0-5-8, 11=Mechanical
Max Horz 2=134(LC 12)
Max Uplift 2=-290(LC 12), 11=-247(LC 13)
Max Grav 2=1281(LC 1), 11=1196(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2541/540, 3-5=-2302/486, 5-6=-1564/377, 6-7=-1568/382, 7-9=-1980/421, 9-11=-2059/441
BOT CHORD 2-16=-561/2301, 14-16=-388/1840, 12-14=-297/1732, 11-12=-353/1809
WEBS 3-16=-319/178, 5-16=-86/486, 5-14=-621/249, 6-14=-171/906, 7-14=-496/221

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) -1-6-0 to 1-8-14, Interior(1) 1-8-14 to 16-10-10, Exterior(2R) 16-10-10 to 20-1-7, Interior(1) 20-1-7 to 32-4-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=290, 11=247.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930987
2779092	T21	Roof Special	4	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:29 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-HS1rGc9k80uItq9z0MqhKLWP3F0zK4nVxhLrr_zHUki

-1-6-0	6-0-12	11-6-8	16-10-10	22-2-11	26-0-0	29-8-0	32-7-8	36-2-0	37-8-0
1-6-0	6-0-12	5-5-12	5-4-1	5-4-2	3-9-5	3-8-0	2-11-8	3-6-8	1-6-0

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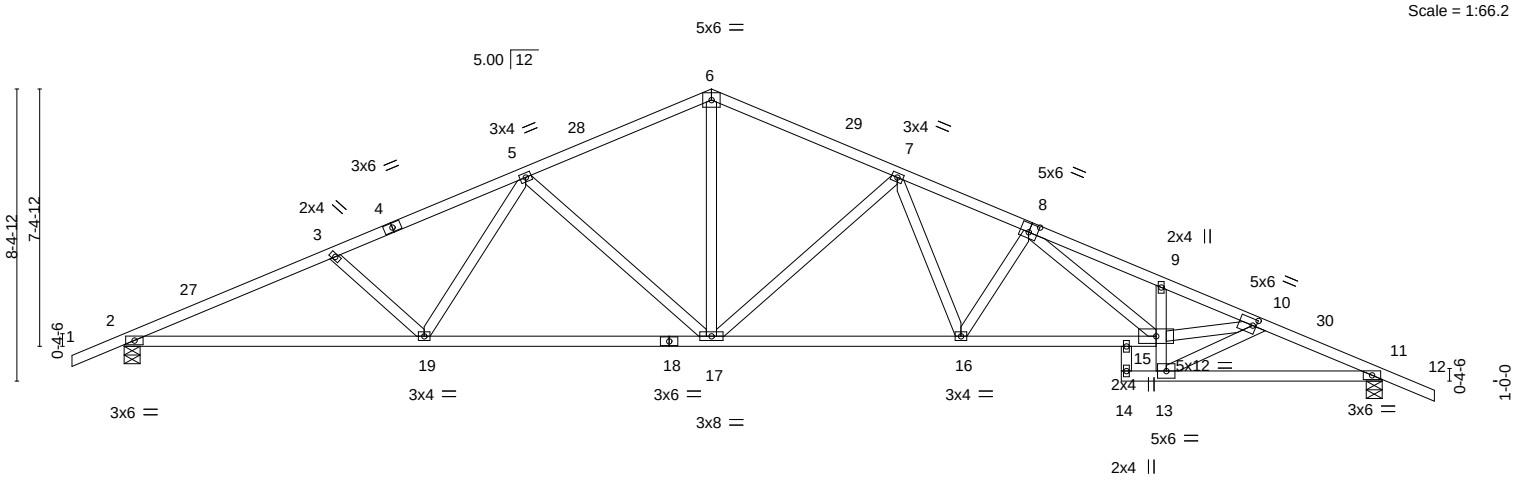


8-7-8	16-10-10	24-0-11	28-8-0	29-8-0	36-2-0
8-7-8	8-3-2	7-2-1	4-7-5	1-0-0	6-6-0

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

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	0.45	Vert(LL)	-0.35	14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.96	Vert(CT)	-0.65	14	>663	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.24	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 195 lb	FT = 20%

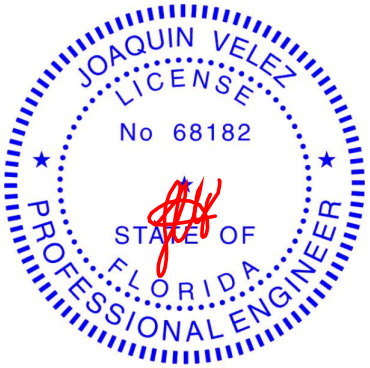
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
10-15: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-5-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-10-10 oc bracing. Except:
2-2-0 oc bracing: 13-15

REACTIONS. (size) 2=0-5-8, 11=0-5-8
Max Horz 2=-148(LC 13)
Max Uplift 2=-306(LC 12), 11=-321(LC 13)
Max Grav 2=1424(LC 1), 11=1438(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2904/580, 3-5=-2666/526, 5-6=-1928/443, 6-7=-1926/440, 7-8=-2908/599, 8-9=-4476/931, 9-10=-4265/843, 10-11=-3022/639
BOT CHORD 2-19=-558/2635, 17-19=-385/2176, 16-17=-346/2381, 15-16=-471/3000, 13-15=-204/1216, 11-13=-533/2742
WEBS 3-19=-316/177, 5-19=-85/490, 5-17=-622/248, 6-17=-211/1164, 7-17=-888/291, 7-16=-153/770, 8-16=-667/212, 8-15=-328/1469, 10-15=-624/3497, 10-13=-2541/513

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) -1-6-0 to 2-1-6, Interior(1) 2-1-6 to 16-10-10, Exterior(2R) 16-10-10 to 20-6-0, Interior(1) 20-6-0 to 37-8-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=306, 11=321.



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Date:
May 13,2021

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930988
2779092	T22	Hip Girder	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:30 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyI0nF-lebDTyAMvK09V_k9a4LwtZ3dWfYr3jPfAL5ONQzHUkh

-1-6-0 5-0-0 7-10-0 12-10-0
1-6-0 5-0-0 2-10-0 5-0-0

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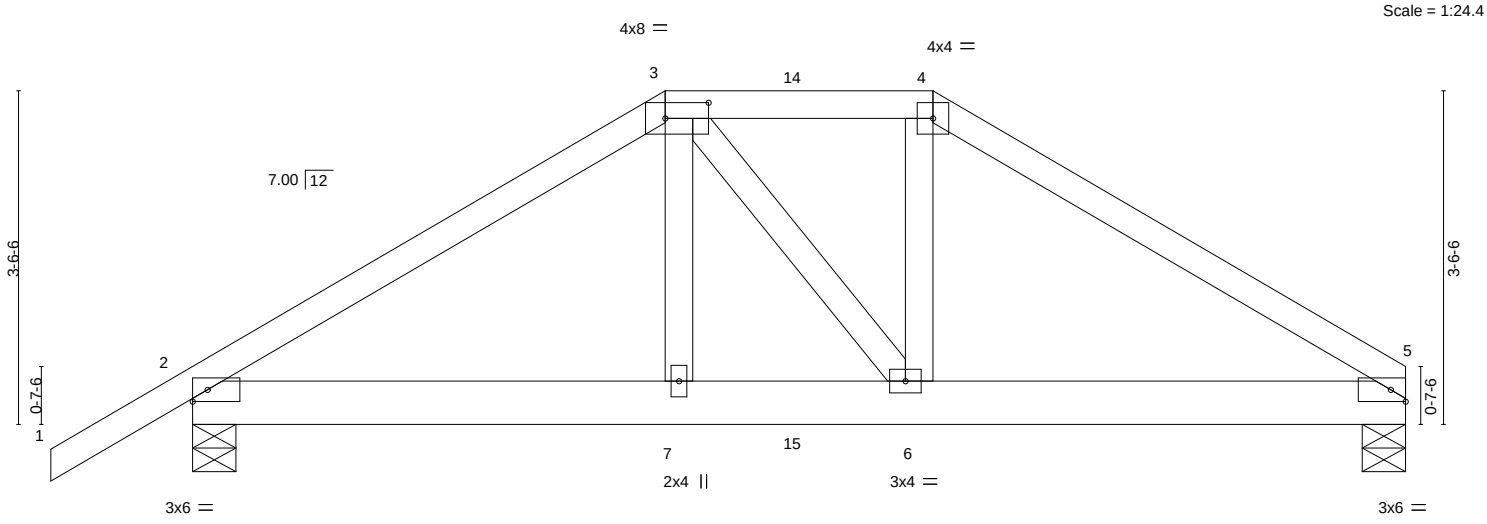


5-0-0 7-10-0 12-10-0
5-0-0 2-10-0 5-0-0

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

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	0.27	Vert(LL)	-0.02	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.22	Vert(CT)	-0.03	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.10	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 68 lb	FT = 20%

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

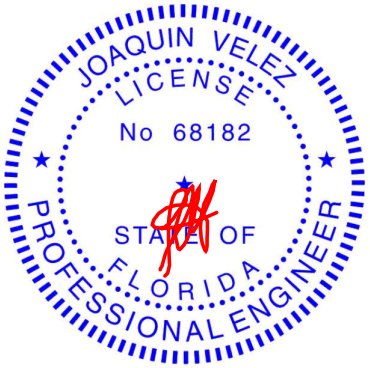
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=0-5-8, 2=0-5-8
Max Horz 2=78(LC 5)
Max Uplift 5=-252(LC 9), 2=-282(LC 8)
Max Grav 5=707(LC 1), 2=781(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1010/389, 3-4=-850/381, 4-5=-1050/413
BOT CHORD 2-7=-312/808, 6-7=-313/816, 5-6=-314/843
WEBS 3-7=-23/269, 4-6=0/258

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 5=252, 2=282.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 97 lb down and 82 lb up at 5-0-0, and 97 lb down and 72 lb up at 6-5-0, and 203 lb down and 188 lb up at 7-10-0 on top chord, and 125 lb down and 47 lb up at 5-0-0, and 50 lb down and 19 lb up at 6-5-0, and 125 lb down and 47 lb up at 7-9-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-54, 4-5=-54, 8-11=-20
Concentrated Loads (lb)
Vert: 3=-58(B) 4=-131(B) 7=-86(B) 6=-86(B) 14=-58(B) 15=-38(B)



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930989
2779092	T23	Common	3	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:31 2021 Page 1
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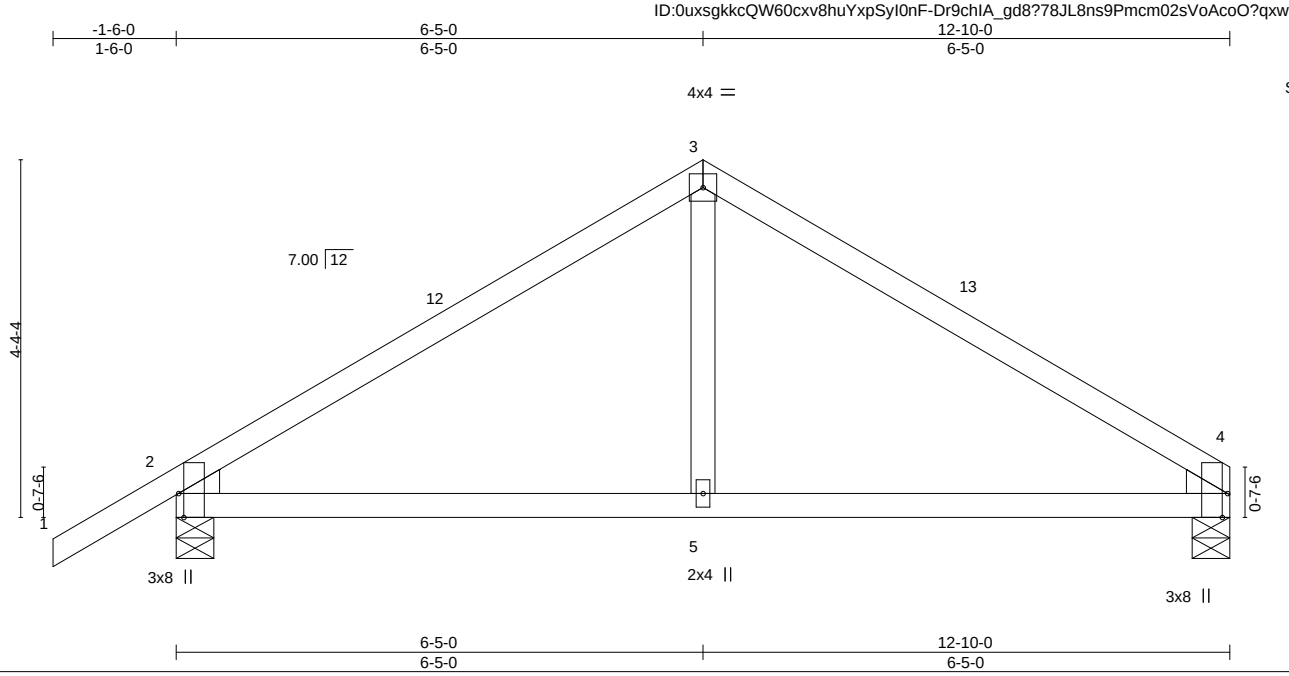


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [4:0-3-8,Edge]

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)	-0.05	5-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.09	5-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 51 lb	FT = 20%

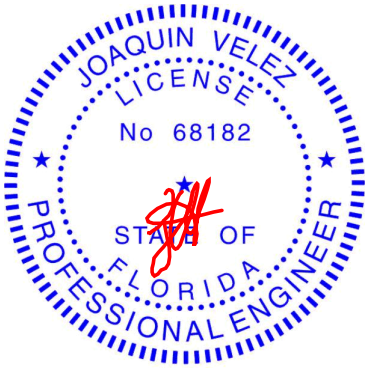
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3 , Right: 2x4 SP No.3

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

REACTIONS. (size) 2=0-5-8, 4=0-5-8
Max Horz 2=95(LC 9)
Max Uplift 2=-129(LC 12), 4=-95(LC 13)
Max Grav 2=561(LC 1), 4=470(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-574/167, 3-4=-572/168
BOT CHORD 2-5=-65/426, 4-5=-65/426
WEBS 3-5=-3/277

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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-5-0, Exterior(2R) 6-5-0 to 9-5-0, Interior(1) 9-5-0 to 12-10-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=129.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES.
2779092	T24	Half Hip Girder	1	2	T23930990

Job Reference (optional)

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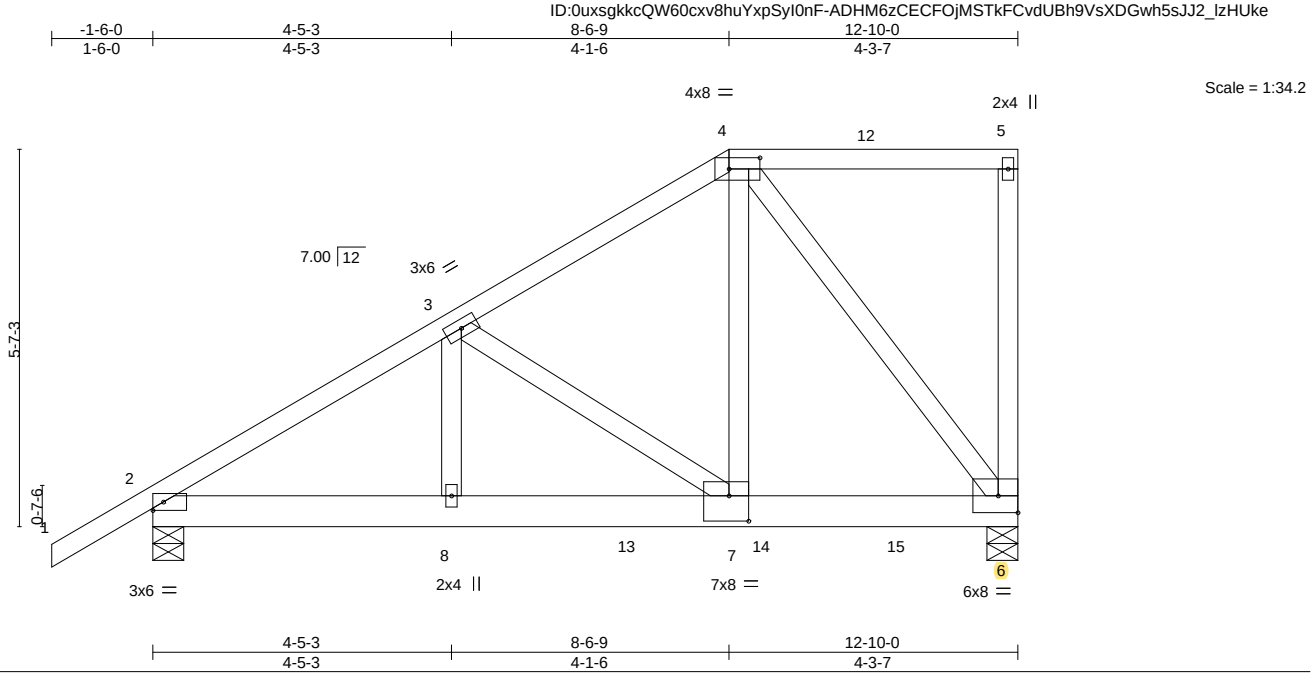


Plate Offsets (X,Y)-- [4:0-5-8,0-2-0], [7:0-3-8,0-4-8]

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	0.23	Vert(LL)	-0.05	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	-0.09	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.71	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 176 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP M 26
WEBS	2x4 SP No.3

BRACING-

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

REACTIONS. (size) 2=0-5-8, 6=0-5-8
Max Horz 2=198(LC 27)
Max Uplift 2=-584(LC 8), 6=-966(LC 8)
Max Grav 2=1955(LC 1), 6=3301(LC 1)

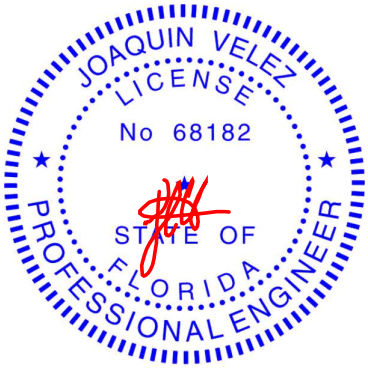
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-3280/992, 3-4=-2453/737
BOT CHORD	2-8=-970/2767, 7-8=-970/2767, 6-7=-699/2182
WEBS	3-8=-224/682, 3-7=-824/362, 4-7=-1145/3720, 4-6=-3481/1118

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-5-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
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 100 lb uplift at joint(s) except (jt=lb) 2=584, 6=966.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2214 lb down and 820 lb up at 7-0-12, and 1132 lb down and 282 lb up at 9-0-12, and 1119 lb down and 235 lb up at 11-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

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



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Continued on page 2

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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-4=-54, 4-5=-54, 6-9=-20

Concentrated Loads (lb)

Vert: 13=-2214(F) 14=-1011(F) 15=-1011(F)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930991
2779092	T25	Common	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:34 2021 Page 1
ID:0uxsgkkcQW60cxv8huYxpSyl0nF-eQqkJJDszYWa_b2wpvQs1PEHWGqf?NeF5z3cWBzHUkd

-1-6-0	4-10-7	11-1-0	17-3-9	22-2-0	23-8-0
1-6-0	4-10-7	6-2-9	6-2-9	4-10-7	1-6-0

Scale = 1:53.0

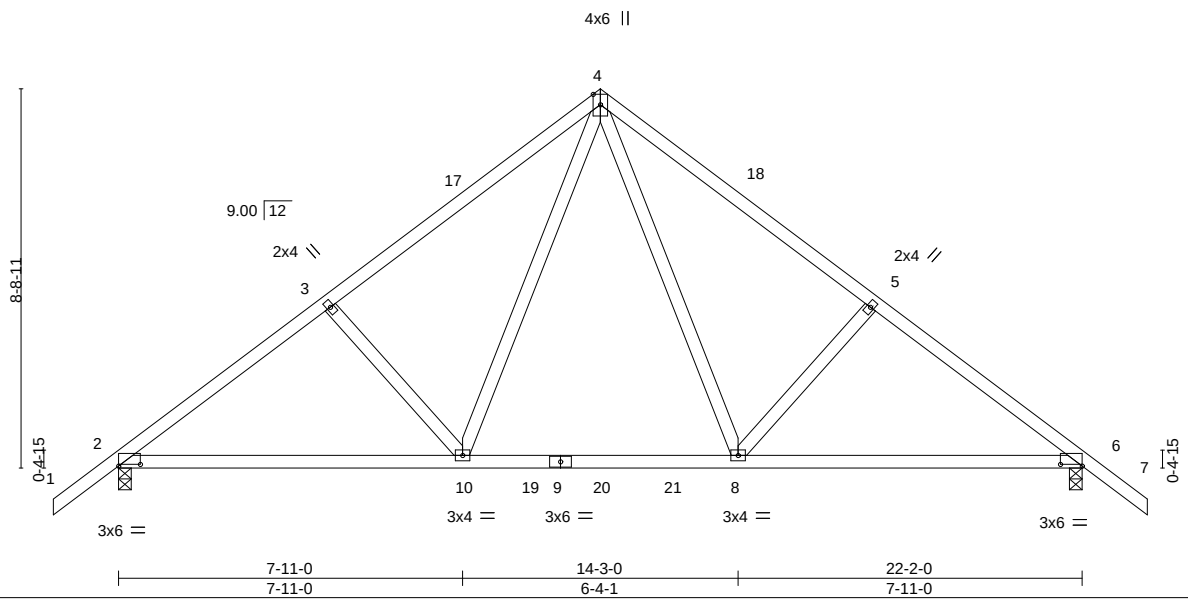


Plate Offsets (X,Y)-- [2:0-6-0,0-0-8], [6:0-6-0,0-0-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.40	Vert(LL)	0.14	8-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.18	10-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 120 lb	FT = 20%

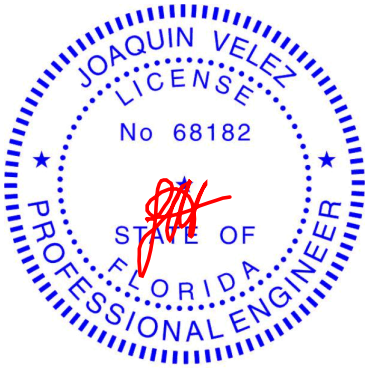
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-1-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-1-12 oc bracing.

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=-208(LC 10)
Max Uplift 2=-190(LC 12), 6=-190(LC 13)
Max Grav 2=966(LC 2), 6=966(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1180/808, 3-4=-1059/827, 4-5=-1059/827, 5-6=-1180/808
BOT CHORD 2-10=-573/955, 8-10=-289/633, 6-8=-585/927
WEBS 4-8=-470/491, 5-8=-302/223, 4-10=-470/491, 3-10=-302/223

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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 11-1-0, Exterior(2R) 11-1-0 to 14-1-0, Interior(1) 14-1-0 to 23-8-0 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=190, 6=190.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930992
2779092	T25G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:35 2021 Page 1
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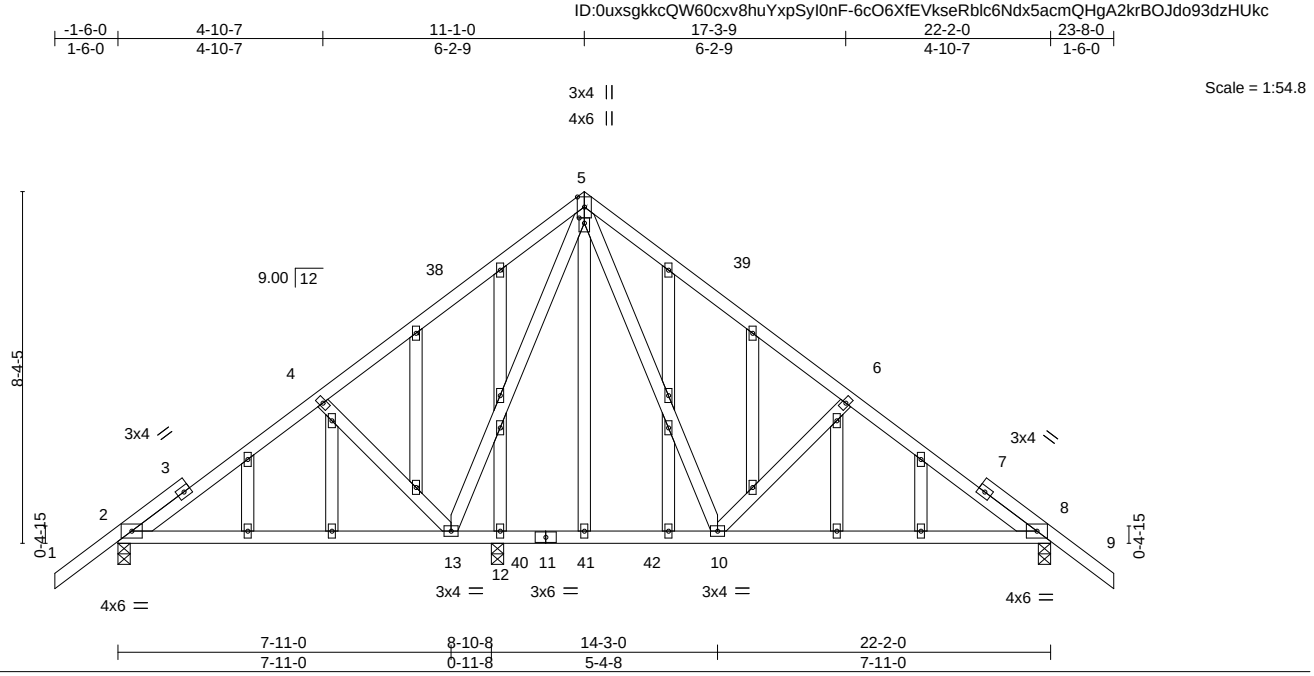


Plate Offsets (X,Y)-- [5:0-1-8,0-1-8]

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	0.53	Vert(LL)	0.16	13-34	>684	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.20	13-34	>530	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 177 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

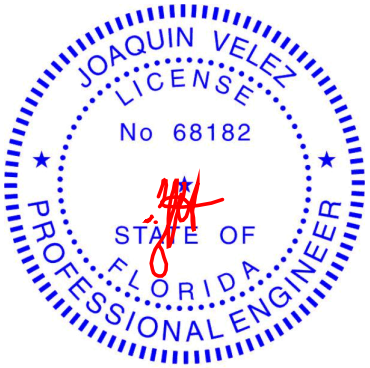
TOP CHORD	Structural wood sheathing directly applied or 4-9-6 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 7-4-9 oc bracing.

REACTIONS. (size) 2=0-3-8, 8=0-3-8, 12=0-3-8
Max Horz 2=200(LC 11)
Max Uplift 2=-162(LC 12), 8=-178(LC 13), 12=-52(LC 12)
Max Grav 2=788(LC 2), 8=842(LC 2), 12=291(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-898/630, 4-5=-774/635, 5-6=-879/705, 6-8=-1001/701
BOT CHORD 2-13=-459/780, 12-13=-201/502, 10-12=-201/502, 8-10=-530/823
WEBS 5-10=-450/467, 6-10=-343/237, 5-13=-297/267, 4-13=-346/240

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) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 11-1-0, Exterior(2R) 11-1-0 to 14-1-0, Interior(1) 14-1-0 to 23-8-0 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12 except (jt=lb) 2=162, 8=178.



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Date:
May 13,2021

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930993
2779092	T26	Monopitch	1	1	Job Reference (optional)

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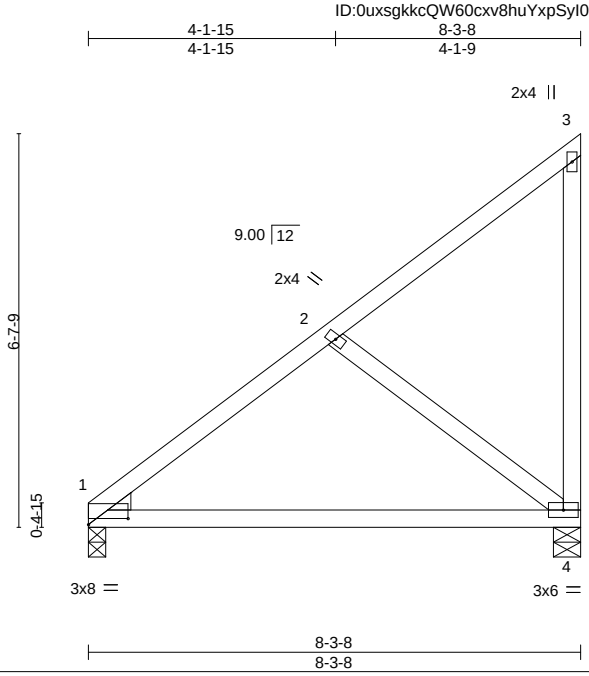


Plate Offsets (X,Y)-- [1:0-8-0,0-1-4]

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	0.51	Vert(LL)	0.29	4-7	>340	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.25	4-7	>386	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	-0.01	1	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 45 lb	FT = 20%

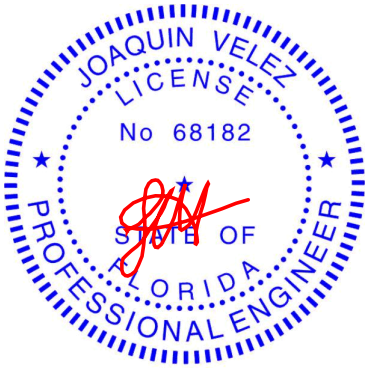
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-10-10 oc bracing.

REACTIONS. (size) 1=0-3-8, 4=0-5-8
Max Horz 1=210(LC 12)
Max Uplift 1=-42(LC 9), 4=-163(LC 12)
Max Grav 1=301(LC 1), 4=301(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-269/47
BOT CHORD 1-4=-289/204
WEBS 2-4=-244/336

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) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 8-1-12 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 4=163.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930994
2779092	T27	Monopitch	1	1	Job Reference (optional)

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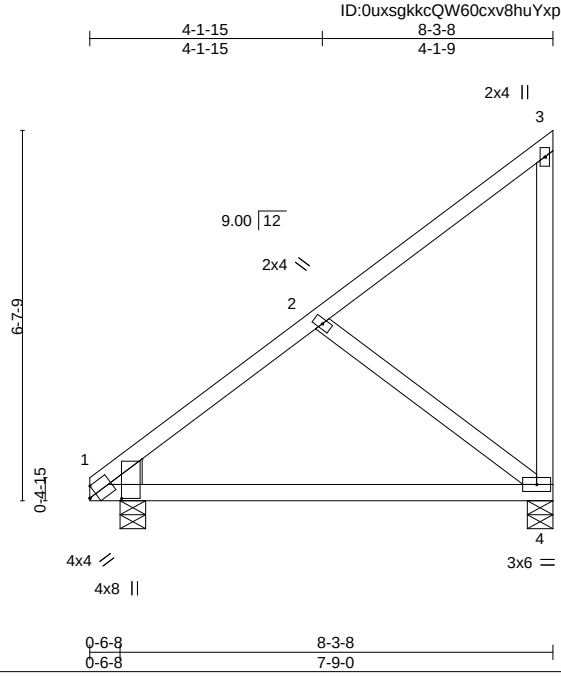


Plate Offsets (X,Y)-- [1:Edge,0-2-2], [1:0-0-1,0-6-13]

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	0.37	Vert(LL)	0.20	4-8	>477	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	0.18	4-8	>542	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	-0.00	1	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 46 lb	FT = 20%

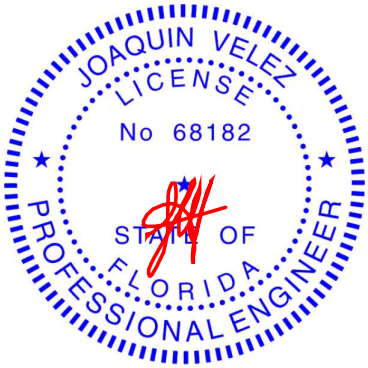
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-0-4 oc bracing.

REACTIONS. (size) 4=0-5-8, 1=0-5-8
Max Horz 1=210(LC 12)
Max Uplift 4=-162(LC 12), 1=-46(LC 9)
Max Grav 4=270(LC 1), 1=333(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-252/29
BOT CHORD 1-4=-257/167
WEBS 2-4=-204/298

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) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 8-1-12 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 4=162.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SCHEFFLER RES. T23930995
2779092	T28G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.430 s Apr 20 2021 MiTek Industries, Inc. Tue May 11 18:31:37 2021 Page 1
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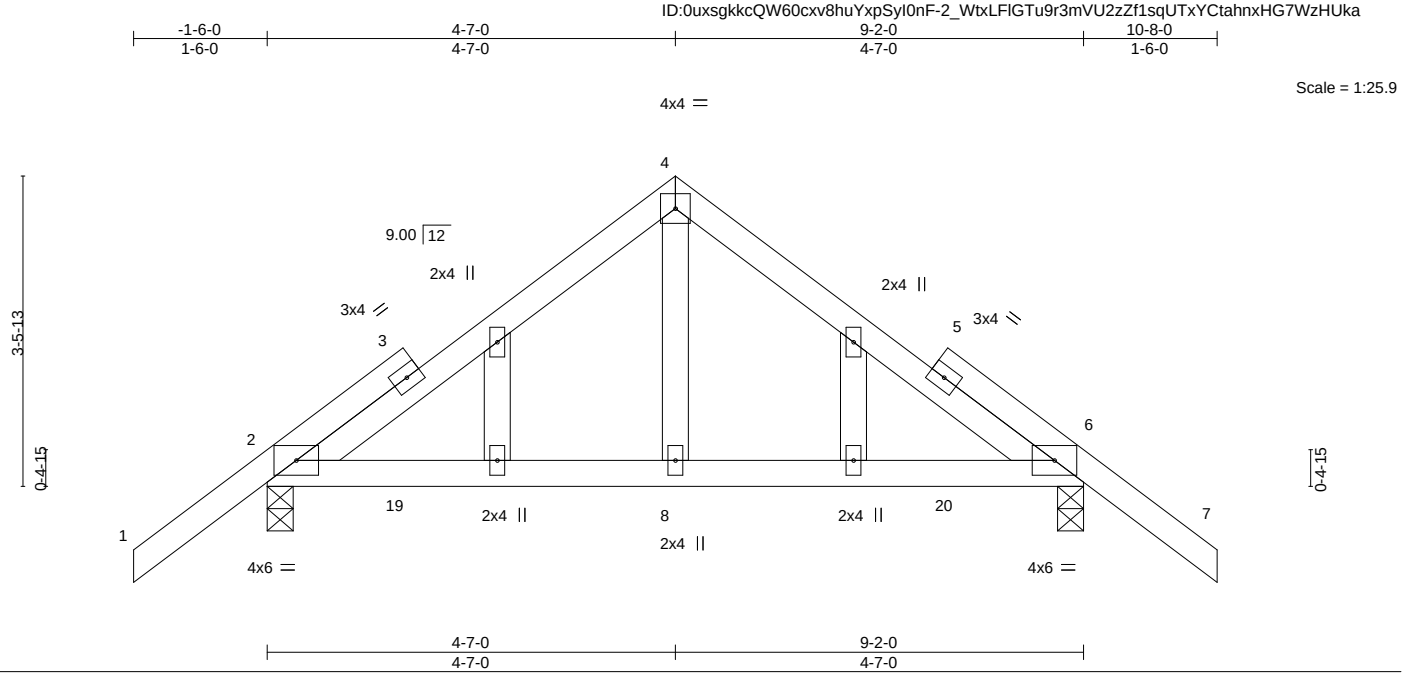


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.29	Vert(LL)	0.03	8-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.21	Vert(CT)	0.03	8-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 50 lb	FT = 20%

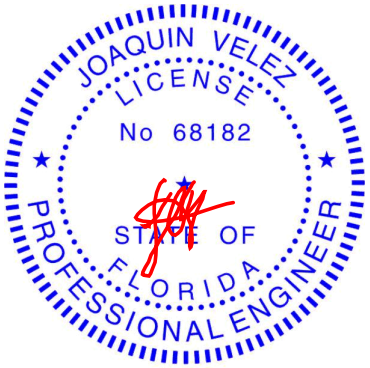
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=-92(LC 10)
Max Uplift 2=-102(LC 12), 6=-102(LC 13)
Max Grav 2=417(LC 1), 6=417(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-344/456, 4-6=-344/456
WEBS 4-8=-332/196

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) -1-6-0 to 1-6-0, Exterior(2N) 1-6-0 to 4-7-0, Corner(3R) 4-7-0 to 7-7-0, Exterior(2N) 7-7-0 to 10-8-0 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=102, 6=102.



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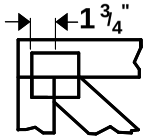
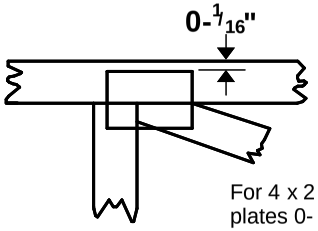
Symbols

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.

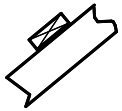
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

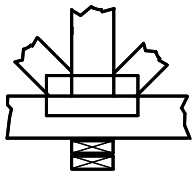
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

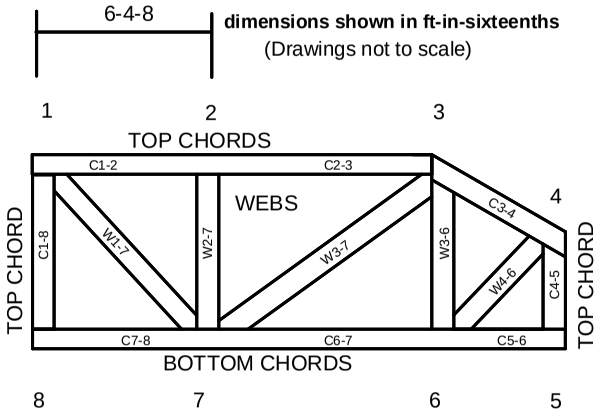


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.