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

RE: 2427461 - IC CONST. - MILLER RES.

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

Site Information:

Customer Info: IC Construction Project Name: Miller Res. Model: Custom
Lot/Block: TBD Subdivision: The Cove at Rose Creek
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):

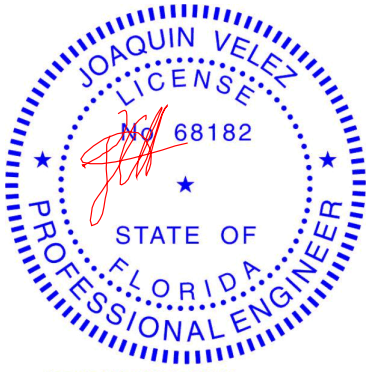
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 47 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	T20932513	CJ01	8/5/20	23	T20932535	T05	8/5/20
2	T20932514	CJ02	8/5/20	24	T20932536	T05G	8/5/20
3	T20932515	CJ03	8/5/20	25	T20932537	T06	8/5/20
4	T20932516	CJ04	8/5/20	26	T20932538	T07	8/5/20
5	T20932517	EJ01	8/5/20	27	T20932539	T08	8/5/20
6	T20932518	EJ02	8/5/20	28	T20932540	T09	8/5/20
7	T20932519	EJ03	8/5/20	29	T20932541	T09G	8/5/20
8	T20932520	EJ04	8/5/20	30	T20932542	T10	8/5/20
9	T20932521	HJ04	8/5/20	31	T20932543	T11	8/5/20
10	T20932522	HJ08	8/5/20	32	T20932544	T12	8/5/20
11	T20932523	PB01	8/5/20	33	T20932545	T13	8/5/20
12	T20932524	PB01G	8/5/20	34	T20932546	T13G	8/5/20
13	T20932525	PB02	8/5/20	35	T20932547	T14	8/5/20
14	T20932526	PB02G	8/5/20	36	T20932548	T15	8/5/20
15	T20932527	PB03	8/5/20	37	T20932549	T16	8/5/20
16	T20932528	PB03G	8/5/20	38	T20932550	T17	8/5/20
17	T20932529	T01	8/5/20	39	T20932551	T18	8/5/20
18	T20932530	T01G	8/5/20	40	T20932552	V01	8/5/20
19	T20932531	T02	8/5/20	41	T20932553	V02	8/5/20
20	T20932532	T03	8/5/20	42	T20932554	V03	8/5/20
21	T20932533	T03G	8/5/20	43	T20932555	V04	8/5/20
22	T20932534	T04	8/5/20	44	T20932556	V05	8/5/20

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, 2021.



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
August 5,2020

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: 2427461 - IC CONST. - MILLER RES.

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

Site Information:

Customer Info: IC Construction Project Name: Miller Res. Model: Custom
Lot/Block: TBD Subdivision: The Cove at Rose Creek
Address: TBD, TBD
City: Columbia Cty State: FL

No.	Seal#	Truss Name	Date
45	T20932557	V06	8/5/20
46	T20932558	V07	8/5/20
47	T20932559	V08	8/5/20

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932513
2427461	CJ01	Jack-Open	4	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:55:14 2020 Page 1
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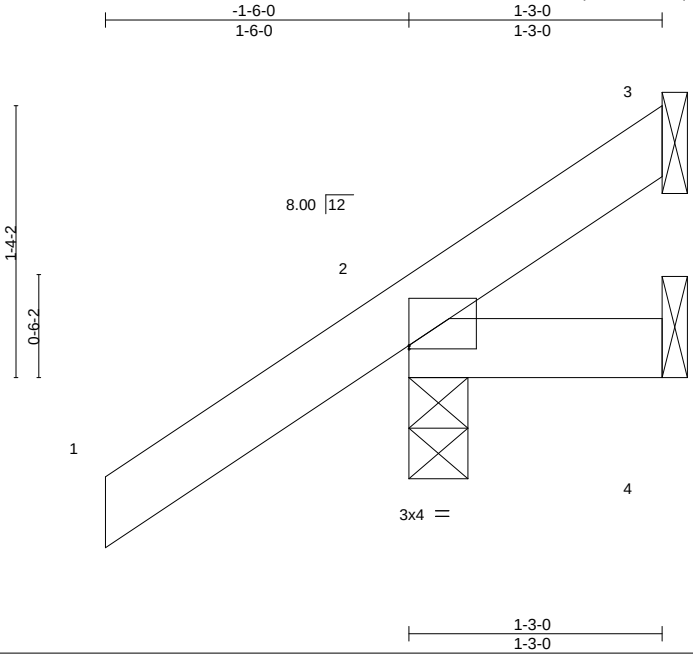


Plate Offsets (X,Y)-- [2:0-0-0,0-0-3]

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	0.18	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 7 lb	FT = 20%

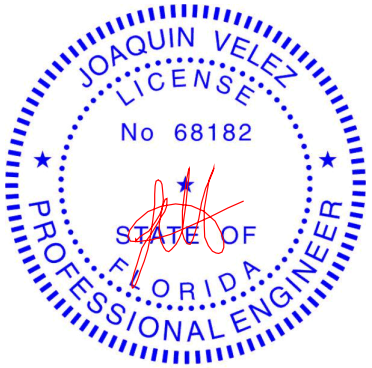
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=82(LC 12)
Max Uplift 3=-15(LC 12), 2=-92(LC 12), 4=-10(LC 1)
Max Grav 3=12(LC 19), 2=176(LC 1), 4=23(LC 16)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 15 lb uplift at joint 3, 92 lb uplift at joint 2 and 10 lb uplift at joint 4.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	CJ02	Jack-Open	4	1	T20932514
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:55:27 2020 Page 1
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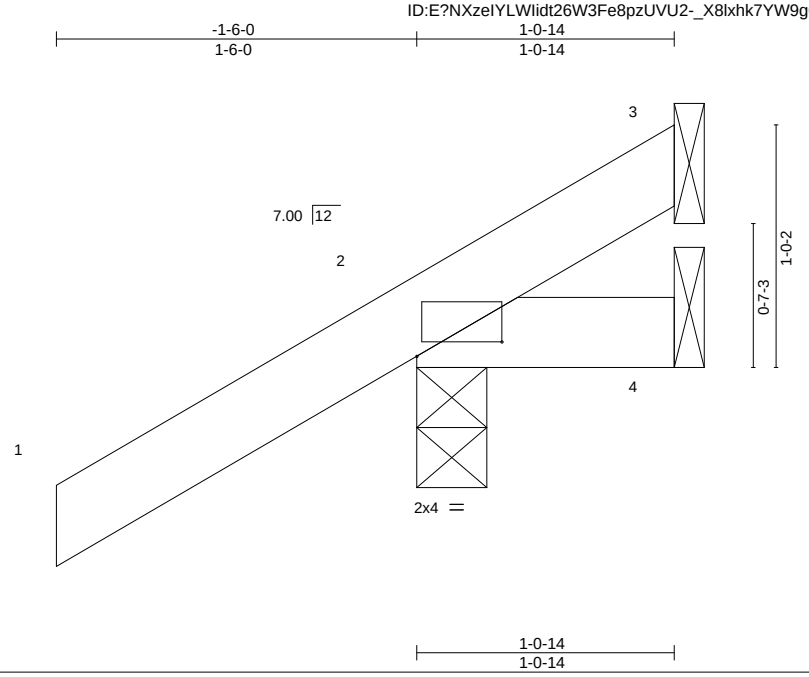


Plate Offsets (X,Y)-- [2:0-4-4,0-0-12]

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	0.17	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	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 FBC2017/TPI2014		Matrix-MP							Weight: 6 lb	FT = 20%

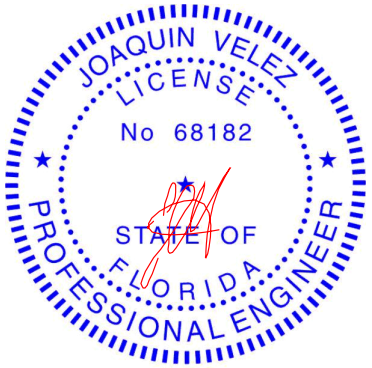
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-0-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=67(LC 12)
Max Uplift 3=-2(LC 9), 2=-105(LC 12), 4=-16(LC 1)
Max Grav 3=10(LC 8), 2=178(LC 1), 4=26(LC 16)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2 lb uplift at joint 3, 105 lb uplift at joint 2 and 16 lb uplift at joint 4.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932515
2427461	CJ03	Jack-Open	2	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:55:41 2020 Page 1
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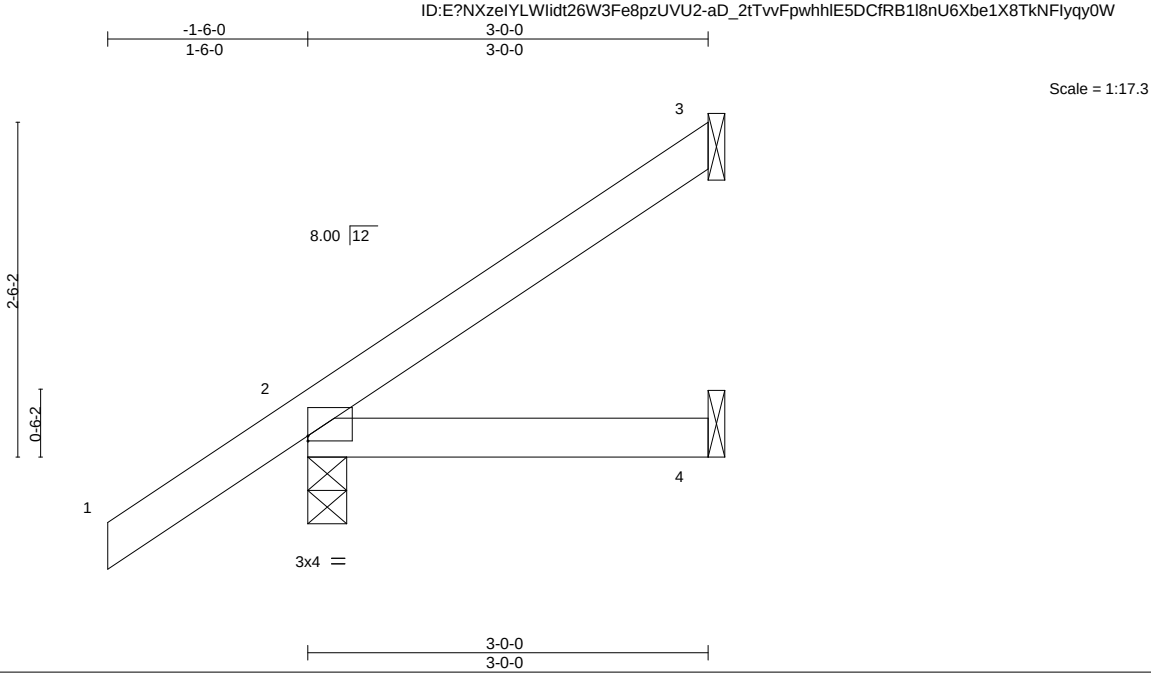


Plate Offsets (X,Y)-- [2:0-0-0,0-0-7]

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	0.18	Vert(LL)	-0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	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 FBC2017/TPI2014		Matrix-MP							Weight: 13 lb	FT = 20%

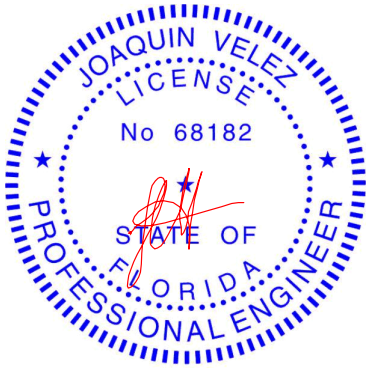
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=137(LC 12)
Max Uplift 3=-70(LC 12), 2=-79(LC 12), 4=-1(LC 12)
Max Grav 3=73(LC 19), 2=210(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 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 3, 79 lb uplift at joint 2 and 1 lb uplift at joint 4.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	CJ04	Jack-Open	2	1	T20932516
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:55:55 2020 Page 1
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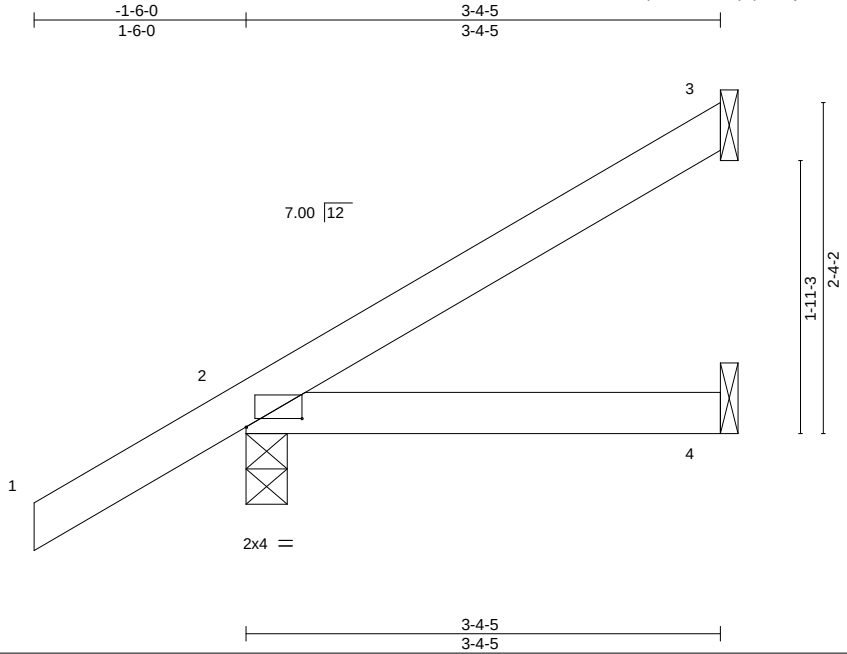


Plate Offsets (X,Y)-- [2:0-4-12,0-0-12]

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	0.17	Vert(LL)	-0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	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 FBC2017/TPI2014		Matrix-MP							Weight: 14 lb	FT = 20%

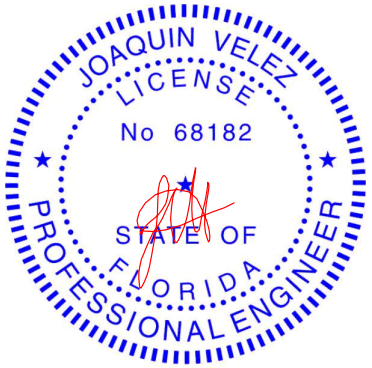
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=130(LC 12)
Max Uplift 3=-69(LC 12), 2=-92(LC 12), 4=-1(LC 12)
Max Grav 3=80(LC 19), 2=221(LC 1), 4=57(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 69 lb uplift at joint 3, 92 lb uplift at joint 2 and 1 lb uplift at joint 4.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932517
2427461	EJ01	Jack-Open	16	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:56:11 2020 Page 1
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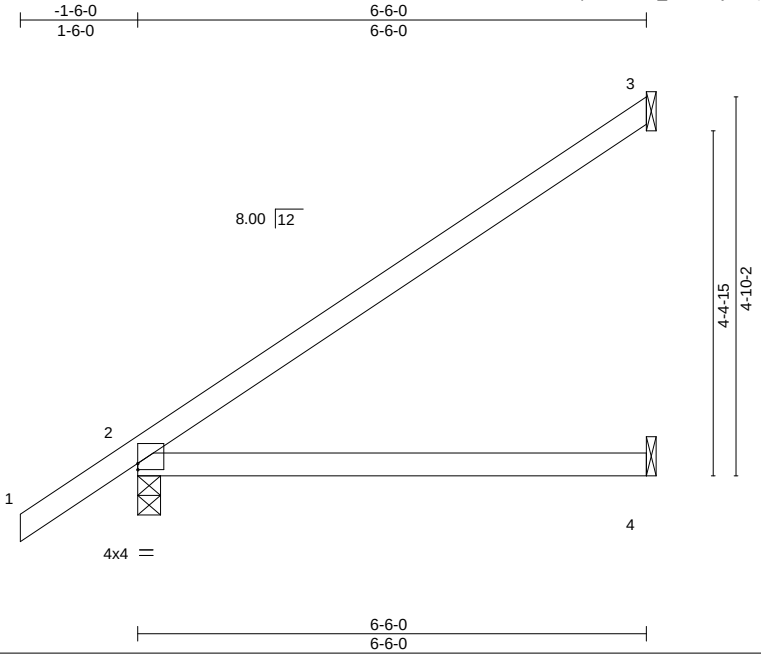


Plate Offsets (X,Y)-- [2:0-0-0,0-0-15]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	0.12	4-7	>627	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.19	4-7	>410	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.02	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 24 lb	FT = 20%

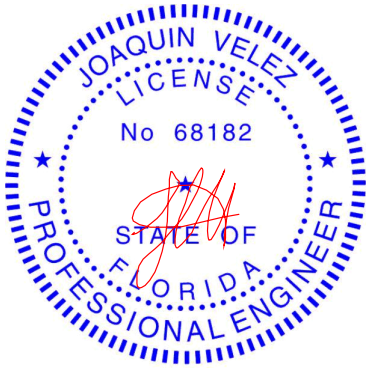
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-3-8, 4=Mechanical
Max Horz 2=250(LC 12)
Max Uplift 3=-167(LC 12), 2=-92(LC 12), 4=-11(LC 12)
Max Grav 3=177(LC 19), 2=329(LC 1), 4=118(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 167 lb uplift at joint 3, 92 lb uplift at joint 2 and 11 lb uplift at joint 4.



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August 5,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	EJ02	Jack-Open	3	1	T20932518
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:56:40 2020 Page 1
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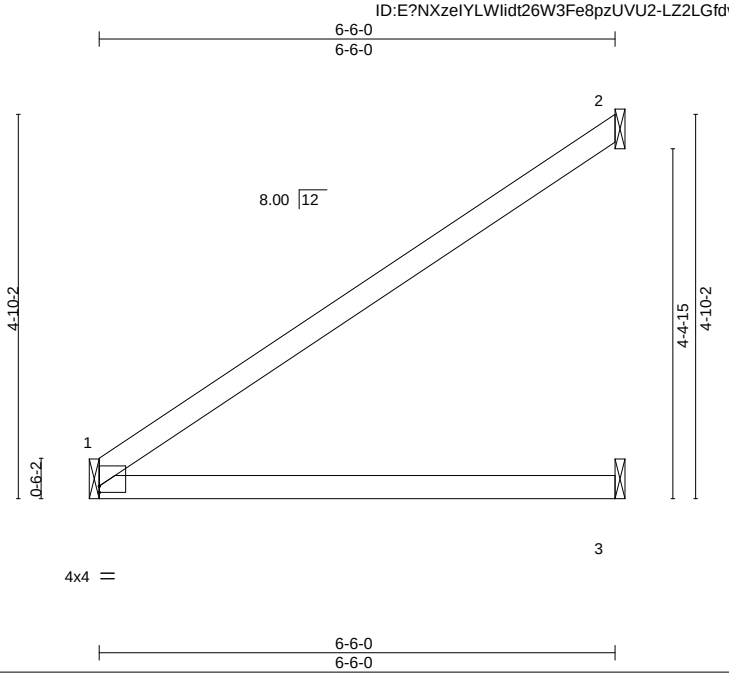


Plate Offsets (X,Y)-- [1:0-0-0,0-0-15]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	0.14	3-6	>540	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.18	3-6	>424	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.02	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 22 lb	FT = 20%

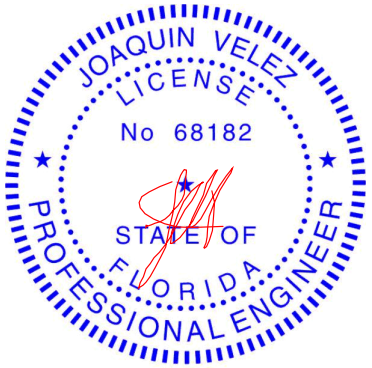
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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) 1=Mechanical, 2=Mechanical, 3=Mechanical
Max Horz 1=209(LC 12)
Max Uplift 1=-35(LC 12), 2=-171(LC 12), 3=-15(LC 12)
Max Grav 1=238(LC 1), 2=182(LC 19), 3=120(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 35 lb uplift at joint 1, 171 lb uplift at joint 2 and 15 lb uplift at joint 3.



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:

August 5,2020

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	EJ03	Jack-Open	4	1	T20932519
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:56:48 2020 Page 1
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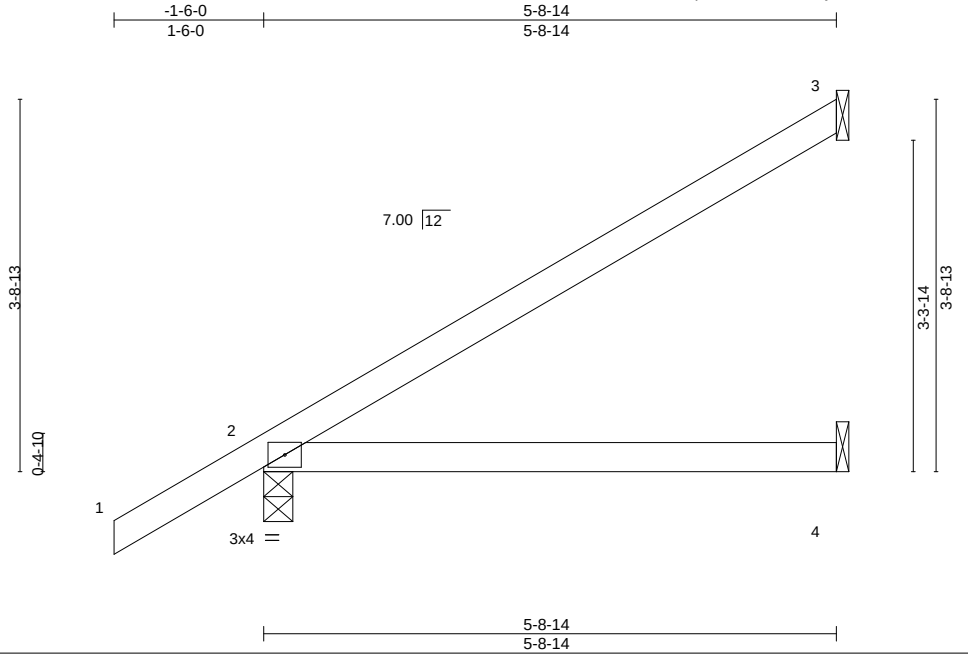


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.45	Vert(LL)	0.07	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.11	4-7	>611	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 21 lb	FT = 20%

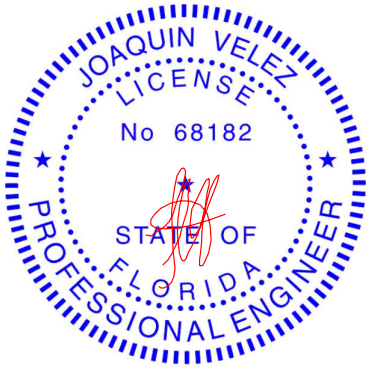
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-8-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=198(LC 12)
Max Uplift 3=-130(LC 12), 2=-107(LC 12), 4=-7(LC 12)
Max Grav 3=150(LC 19), 2=302(LC 1), 4=103(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 130 lb uplift at joint 3, 107 lb uplift at joint 2 and 7 lb uplift at joint 4.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	EJ04	Jack-Open	2	1	T20932520
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:56:48 2020 Page 1
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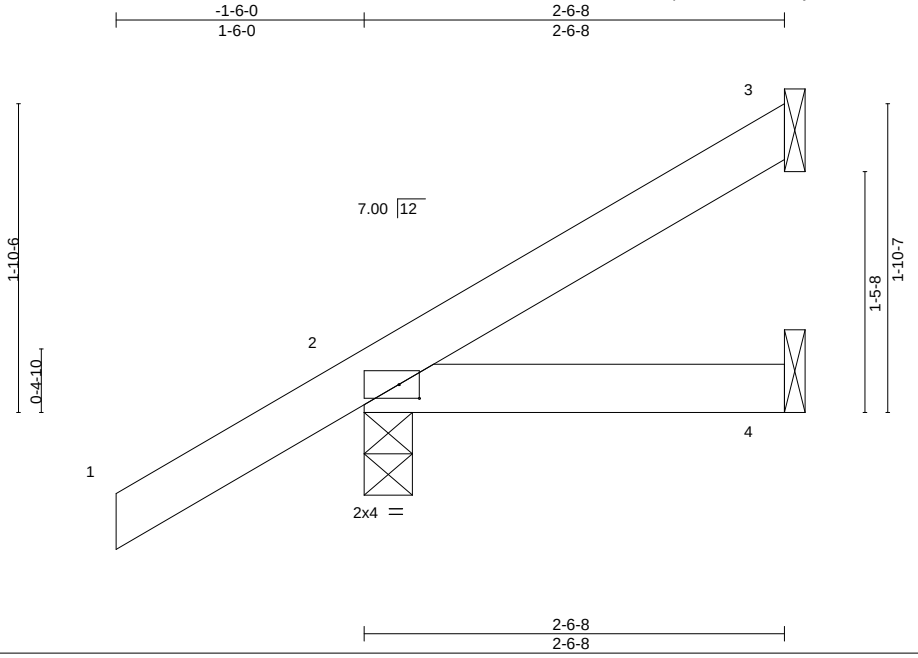


Plate Offsets (X,Y)-- [2:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	-0.00	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 FBC2017/TPI2014		Matrix-MP							Weight: 11 lb	FT = 20%

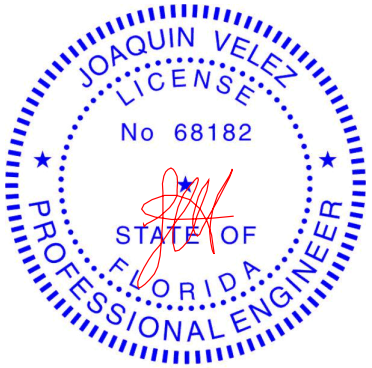
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-6-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=107(LC 12)
Max Uplift 3=-47(LC 12), 2=-90(LC 12)
Max Grav 3=55(LC 19), 2=197(LC 1), 4=41(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 47 lb uplift at joint 3 and 90 lb uplift at joint 2.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	HJ04	Diagonal Hip Girder	2	1	T20932521
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:56:49 2020 Page 1
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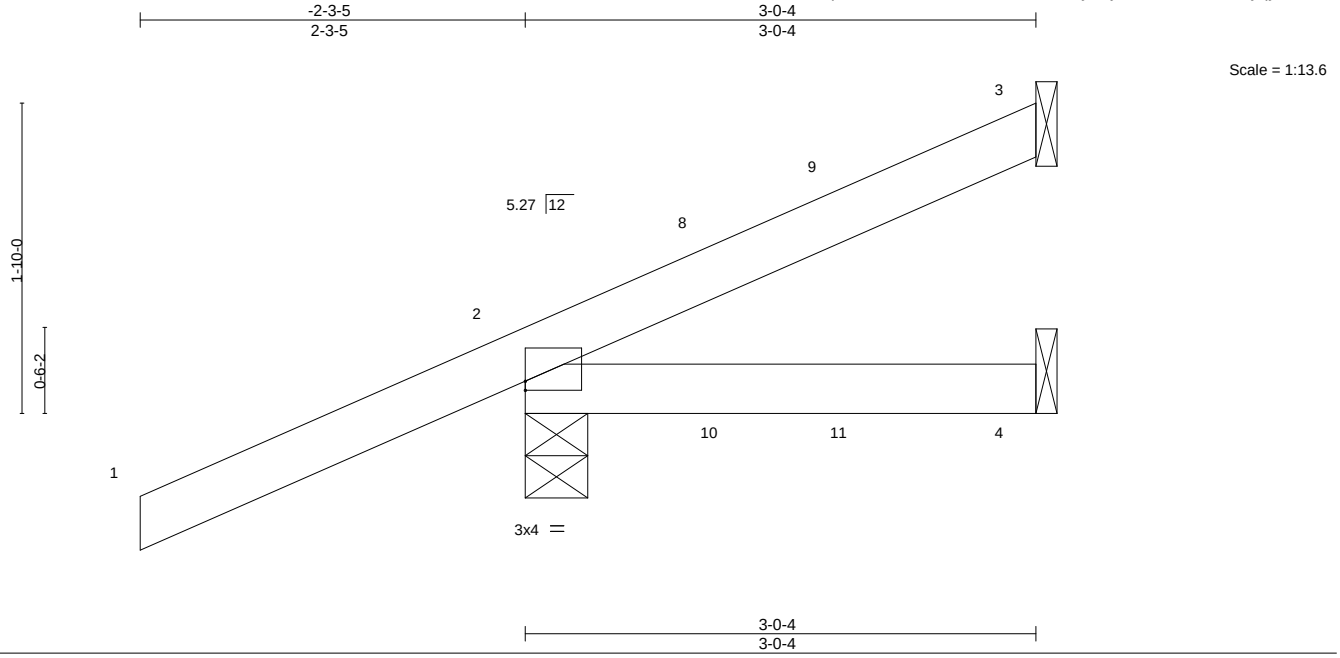


Plate Offsets (X,Y)-- [2:0-0-0,0-0-10]

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)	-0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 13 lb	FT = 20%

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

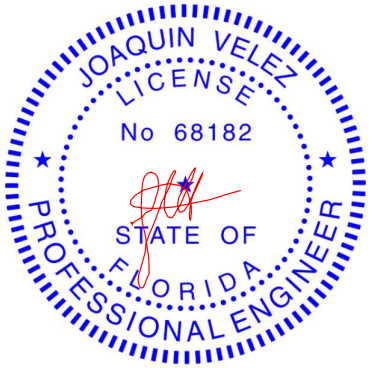
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-4-7, 4=Mechanical
Max Horz 2=105(LC 26)
Max Uplift 3=-30(LC 8), 2=-121(LC 4), 4=-11(LC 18)
Max Grav 3=49(LC 1), 2=280(LC 1), 4=65(LC 30)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 3, 121 lb uplift at joint 2 and 11 lb uplift at joint 4.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 90 lb down and 64 lb up at 1-2-10, and 77 lb down and 14 lb up at 1-11-13 on top chord, and 24 lb down and 42 lb up at 1-2-10, and 18 lb down and 33 lb up at 1-11-13 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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: 1-3=-54, 4-5=-20



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August 5,2020

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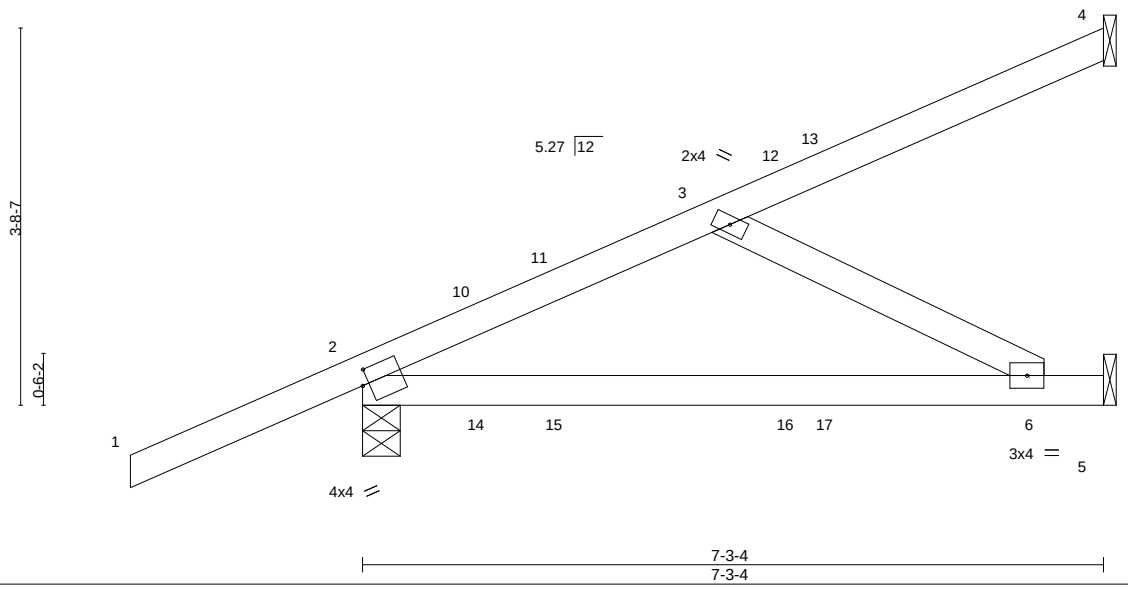
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932522
2427461	HJ08	Diagonal Hip Girder	2	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:56:51 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-WhDVZPlpmJkl5WbYJvvs1of3Eiu??H6rEMh4iFyqy?Q

-2-3-5 3-7-4 7-3-4
2-3-5 3-7-4 3-8-0

Scale = 1:22.6



7-3-4
7-3-4

Plate Offsets (X,Y)-- [2:0-0-13,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.37	Vert(LL)	-0.10	6-9	>884	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.19	6-9	>444	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.08	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 32 lb	FT = 20%

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

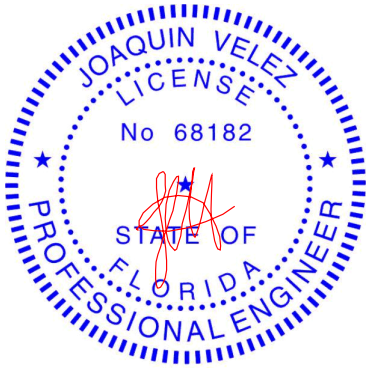
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-7, 5=Mechanical
Max Horz 2=196(LC 26)
Max Uplift 4=-87(LC 8), 2=-156(LC 8), 5=-81(LC 8)
Max Grav 4=90(LC 19), 2=412(LC 1), 5=185(LC 35)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-352/115
BOT CHORD 2-6=-192/251
WEBS 3-6=-284/217

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 4, 156 lb uplift at joint 2 and 81 lb uplift at joint 5.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 90 lb down and 64 lb up at 1-2-10, 85 lb down and 15 lb up at 1-11-13, and 118 lb down and 60 lb up at 4-3-1, and 107 lb down and 62 lb up at 4-7-11 on top chord, and 24 lb down and 42 lb up at 1-2-10, 18 lb down and 36 lb up at 1-11-13, and 31 lb down and 10 lb up at 4-3-1, and 28 lb down and 9 lb up at 4-7-11 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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: 1-4=-54, 5-7=-20
Concentrated Loads (lb)
Vert: 12=-1(F) 13=-0(B) 16=-4(F) 17=-1(B)



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932523
2427461	PB01	Piggyback	16	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:56:53 2020 Page 1
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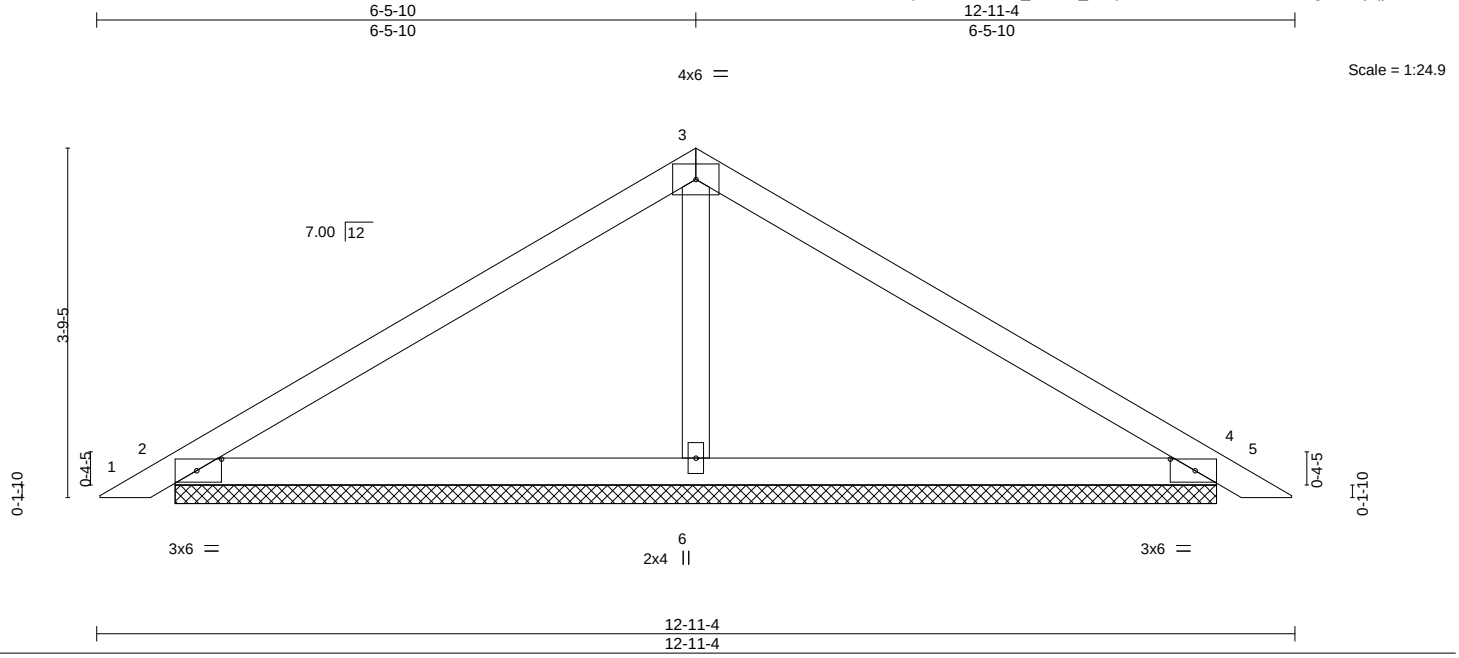


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [4:0-3-3,0-1-8]

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	0.37	Vert(LL)	0.02	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.30	Vert(CT)	0.03	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 43 lb	FT = 20%

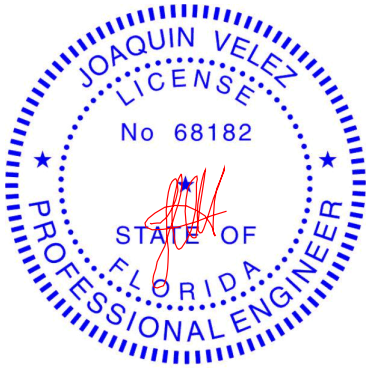
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. (size) 2=11-2-15, 4=11-2-15, 6=11-2-15
Max Horz 2=-112(LC 10)
Max Uplift 2=-110(LC 12), 4=-125(LC 13), 6=-123(LC 12)
Max Grav 2=226(LC 23), 4=230(LC 20), 6=439(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-6=-270/162

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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 110 lb uplift at joint 2, 125 lb uplift at joint 4 and 123 lb uplift at joint 6.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	PB01G	GABLE	2	1	T20932524
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:01 2020 Page 1
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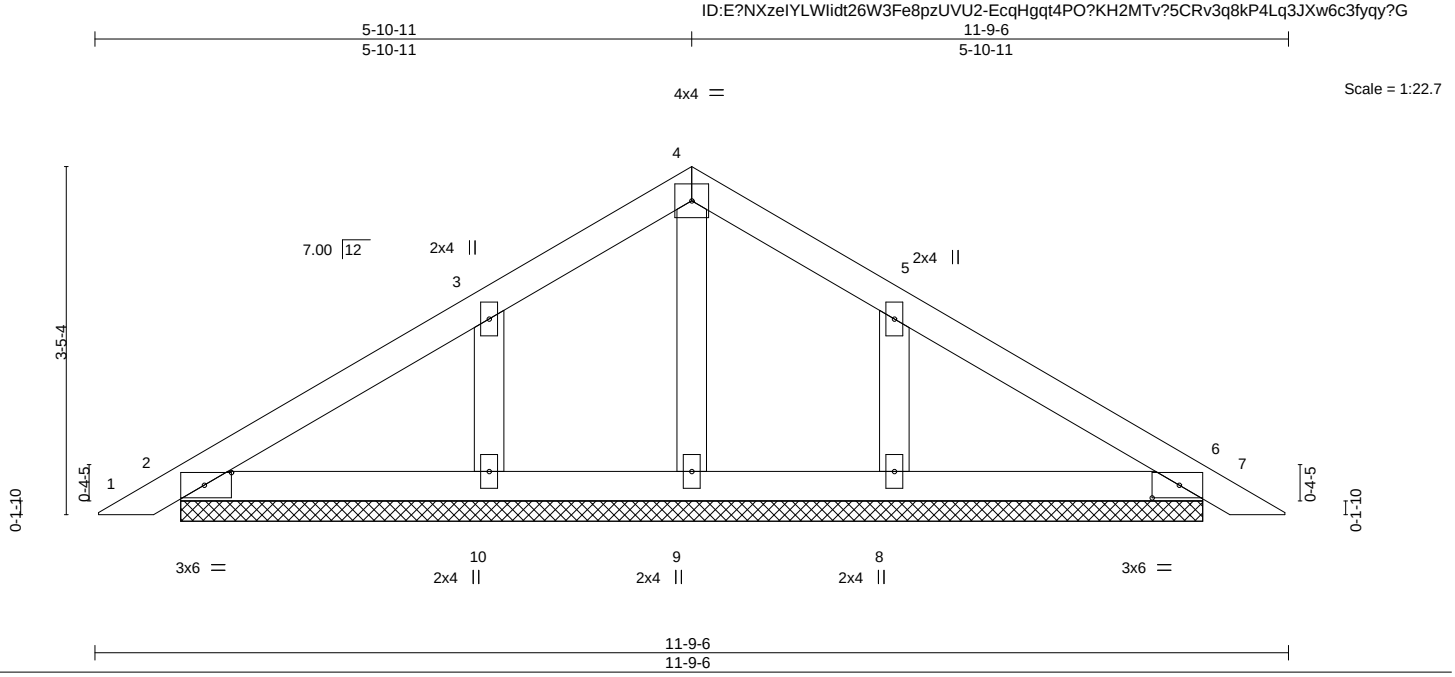


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [6:0-3-3,0-1-8]

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	0.09	Vert(LL)	0.00	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 44 lb	FT = 20%

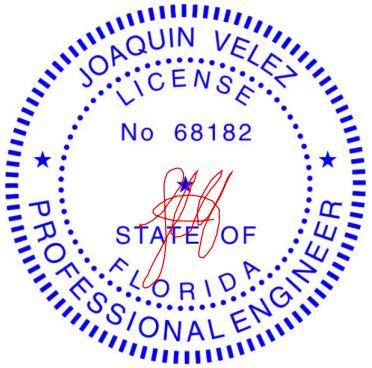
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 10-1-1.
(lb) - Max Horz 2=-101(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6 except 10=-162(LC 12), 8=-161(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9 except 10=260(LC 19), 8=259(LC 20)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) Gable requires continuous bottom chord bearing.
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) 2, 6 except (jt=lb) 10=162, 8=161.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Date:

August 5,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	PB02	Piggyback	5	1	T20932525
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:04 2020 Page 1
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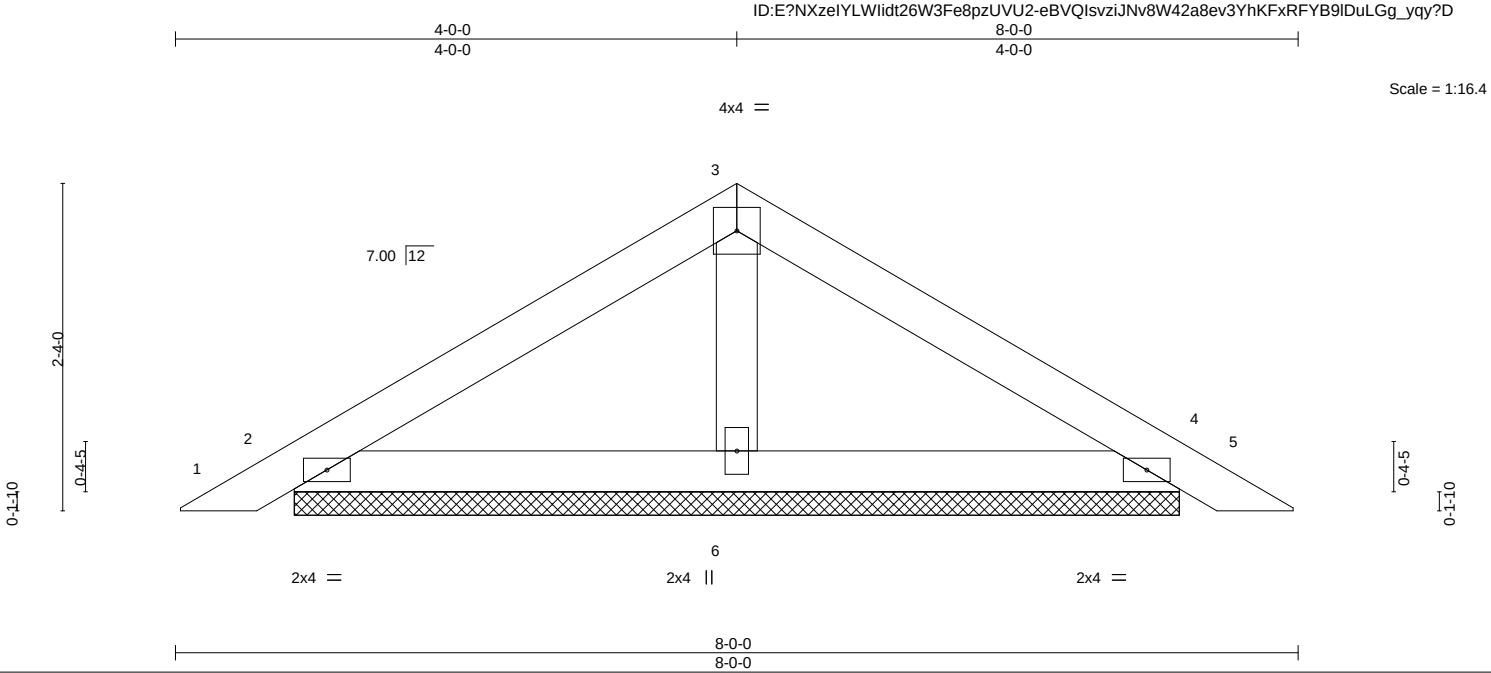


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	0.01	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 25 lb	FT = 20%

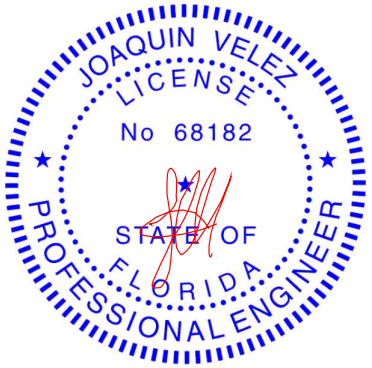
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. (size) 2=6-3-11, 4=6-3-11, 6=6-3-11
Max Horz 2=-67(LC 10)
Max Uplift 2=-81(LC 12), 4=-90(LC 13), 6=-45(LC 12)
Max Grav 2=153(LC 1), 4=153(LC 20), 6=220(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 6.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932526
2427461	PB02G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:08 2020 Page 1
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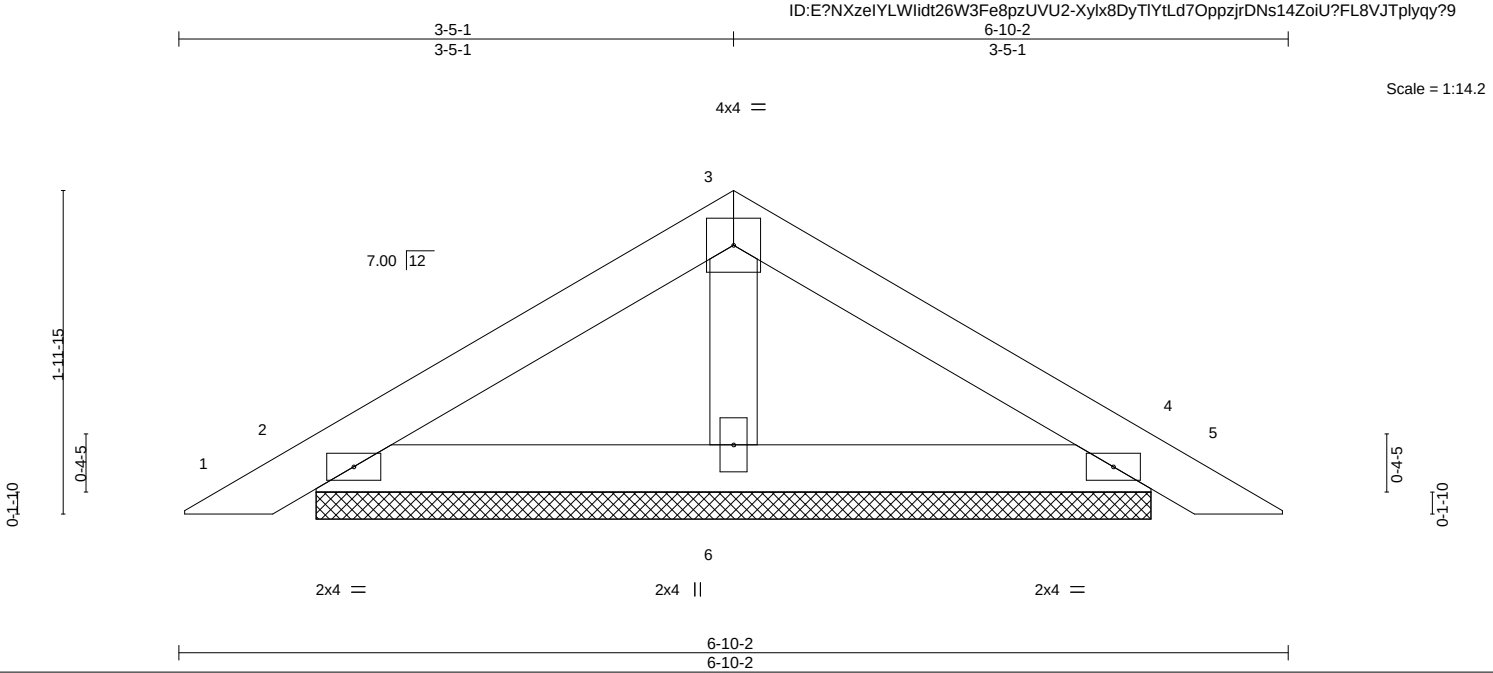


LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.10	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 21 lb	FT = 20%

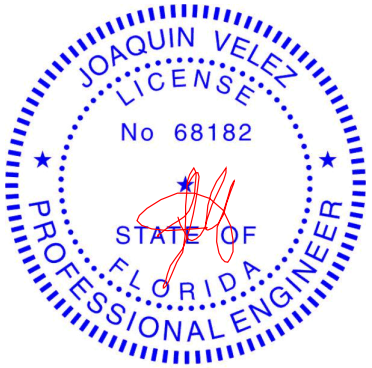
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. (size) 2=5-1-13, 4=5-1-13, 6=5-1-13
Max Horz 2=-57(LC 10)
Max Uplift 2=-71(LC 12), 4=-78(LC 13), 6=-36(LC 12)
Max Grav 2=131(LC 1), 4=131(LC 20), 6=178(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) Gable requires continuous bottom chord bearing.
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) 2, 4, 6.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932527
2427461	PB03	Piggyback	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:09 2020 Page 1
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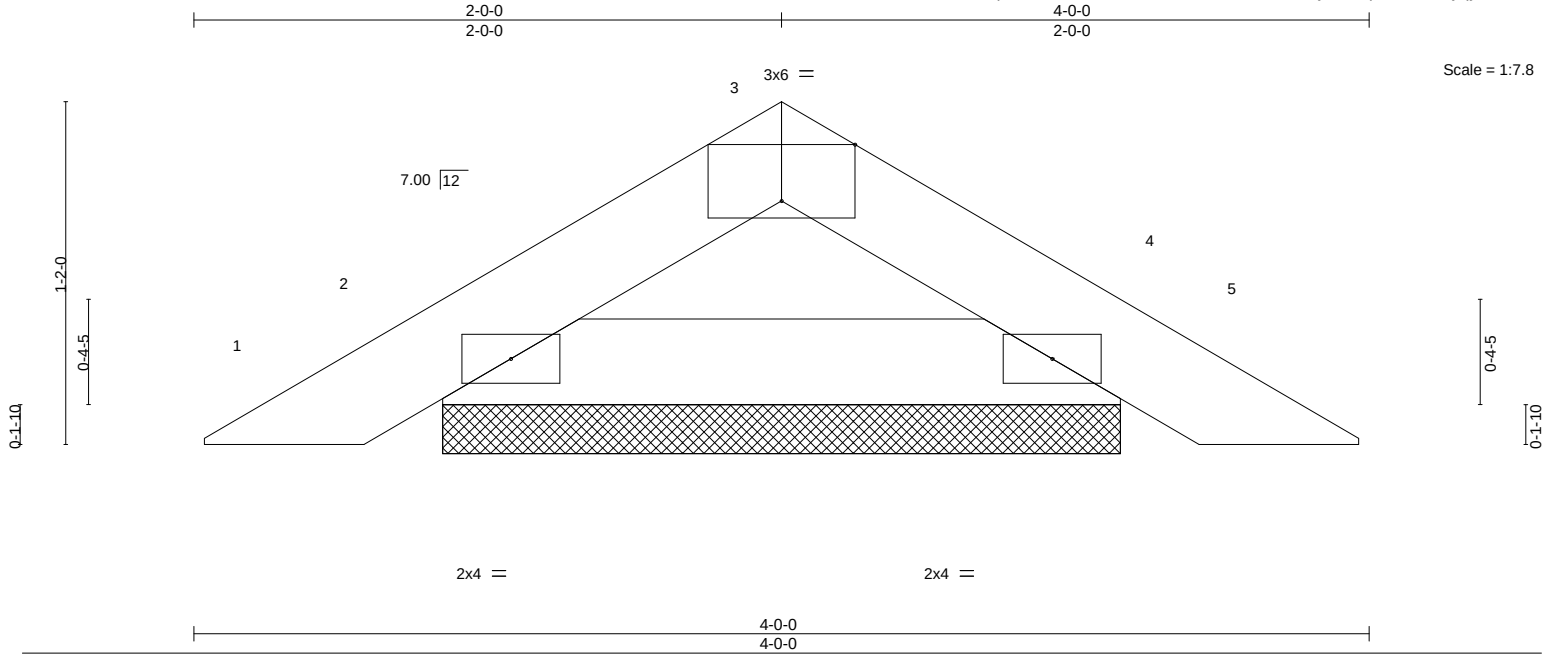


Plate Offsets (X,Y)-- [3:0-3-0,Edge]

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	0.03	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 10 lb	FT = 20%

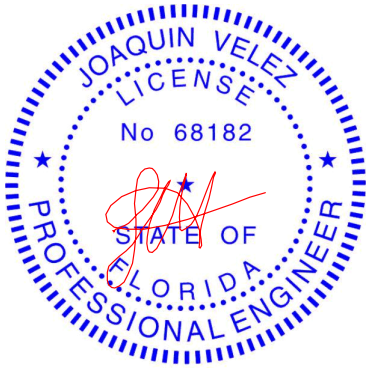
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 2=2-3-11, 4=2-3-11
Max Horz 2=-31(LC 10)
Max Uplift 2=-51(LC 12), 4=-51(LC 13)
Max Grav 2=114(LC 1), 4=114(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	PB03G	PIGGYBACK	1	1	T20932528
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:12 2020 Page 1
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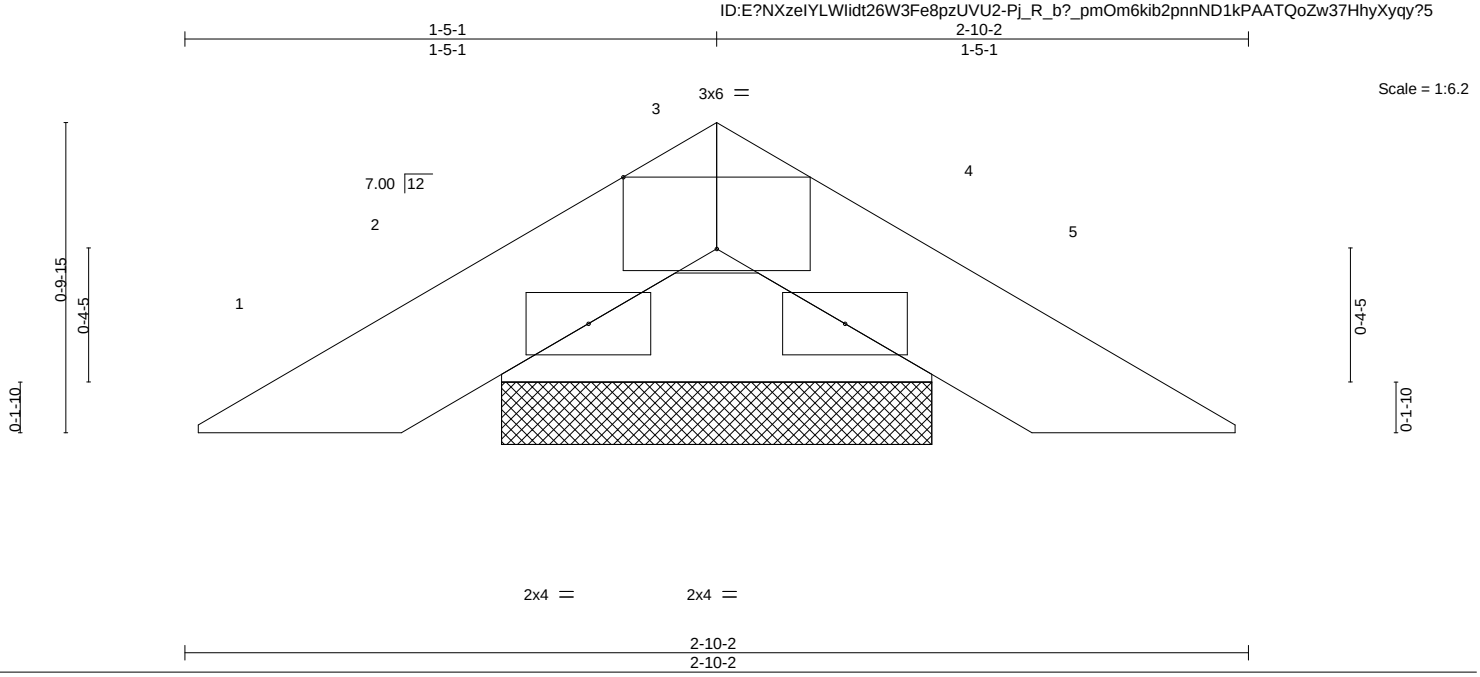


Plate Offsets (X,Y)-- [3:0-3-0,Edge]

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	0.02	Vert(LL)	-0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.01	Vert(CT)	-0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 7 lb	FT = 20%

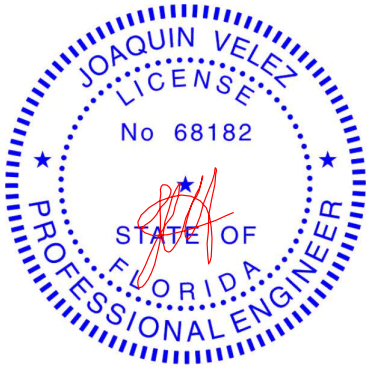
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 2=1-1-13, 4=1-1-13
Max Horz 2=-20(LC 10)
Max Uplift 2=-37(LC 12), 4=-37(LC 13)
Max Grav 2=72(LC 1), 4=72(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932529
2427461	T01	Common	9	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:14 2020 Page 1
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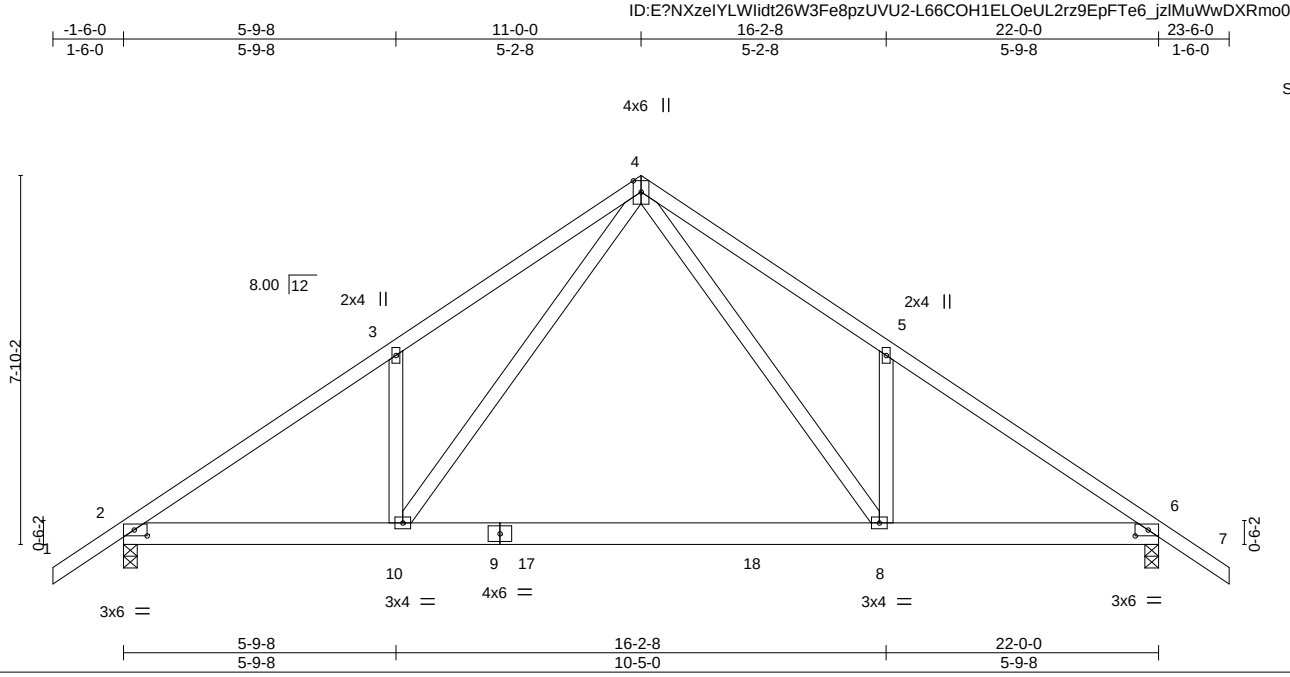


Plate Offsets (X,Y)-- [2:0-3-5,0-1-8], [6:0-3-5,0-1-8]

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	0.41	Vert(LL)	-0.12	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.22	8-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.78	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 133 lb	FT = 20%

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

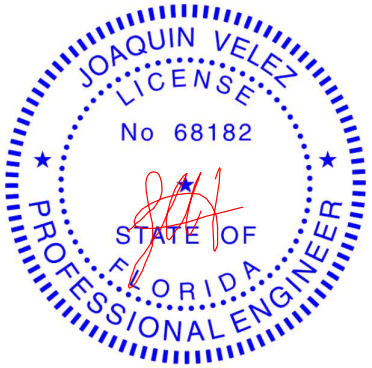
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=-260(LC 10)
Max Uplift 2=-471(LC 12), 6=-365(LC 13)
Max Grav 2=1193(LC 19), 6=954(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1490/585, 3-4=-1570/794, 4-5=-1397/718, 5-6=-1311/512
BOT CHORD 2-10=-440/1350, 8-10=-152/759, 6-8=-285/1044
WEBS 4-8=-384/763, 5-8=-390/358, 4-10=-503/1031, 3-10=-401/363

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=471, 6=365.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 11-13=-20, 10-13=-80(F=-60), 10-14=-20



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932530
2427461	T01G	Common Supported Gable	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:15 2020 Page 1
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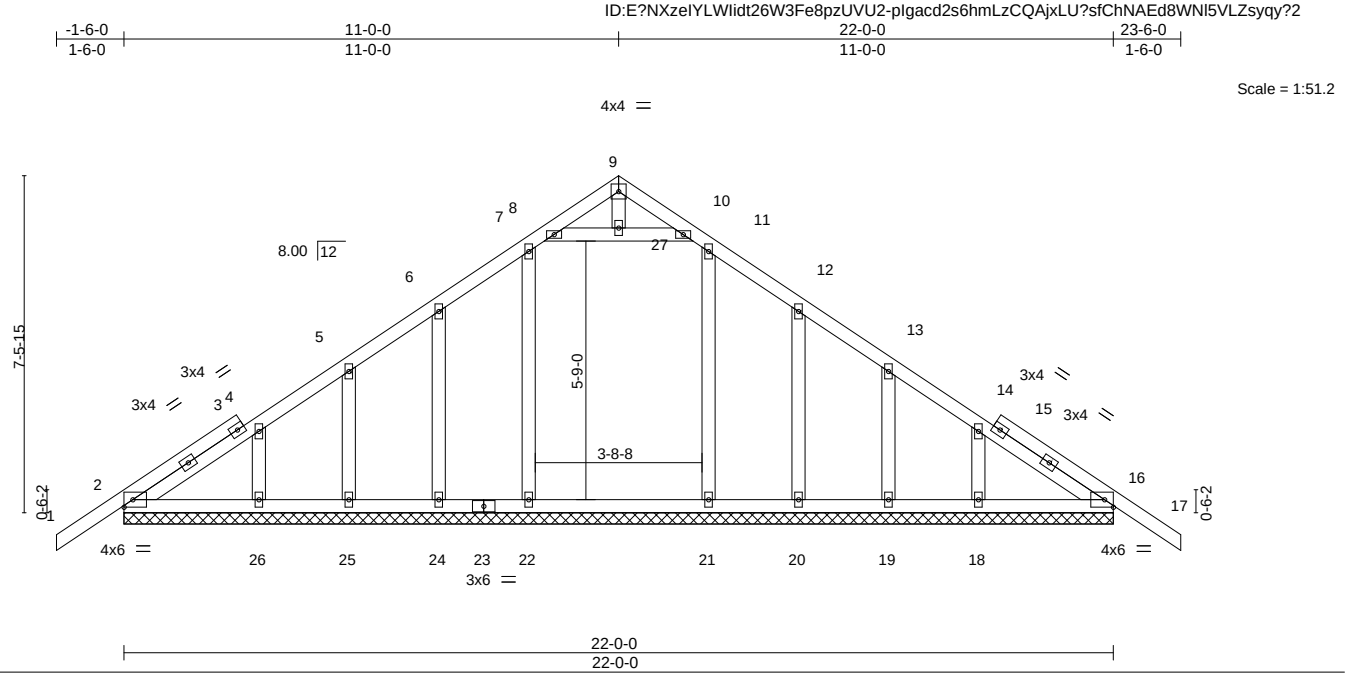


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	-0.01	17	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	-0.01	17	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.01	16	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 135 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

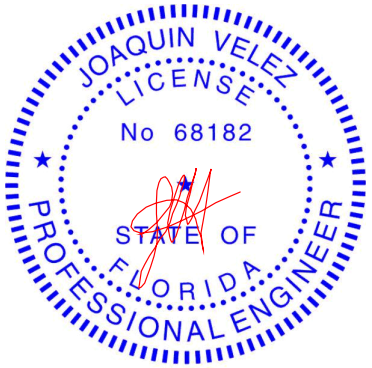
BRACING-

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. All bearings 22-0-0.
(lb) - Max Horz 2=249(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 16, 22 except 24=-119(LC 12), 25=-111(LC 12), 26=-118(LC 12), 20=-122(LC 13), 19=-111(LC 13), 18=-122(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 16, 24, 25, 26, 20, 19, 18 except 22=327(LC 19), 21=281(LC 20)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 16, 22 except (jt=lb) 24=119, 25=111, 26=118, 20=122, 19=111, 18=122.



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Date:

August 5,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	T02	Common	3	1	T20932531
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:16 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-IVEypy3Vt?uCbM?MHfsjY3BJ0nJ3MOrW_IFv5Iyqy?1

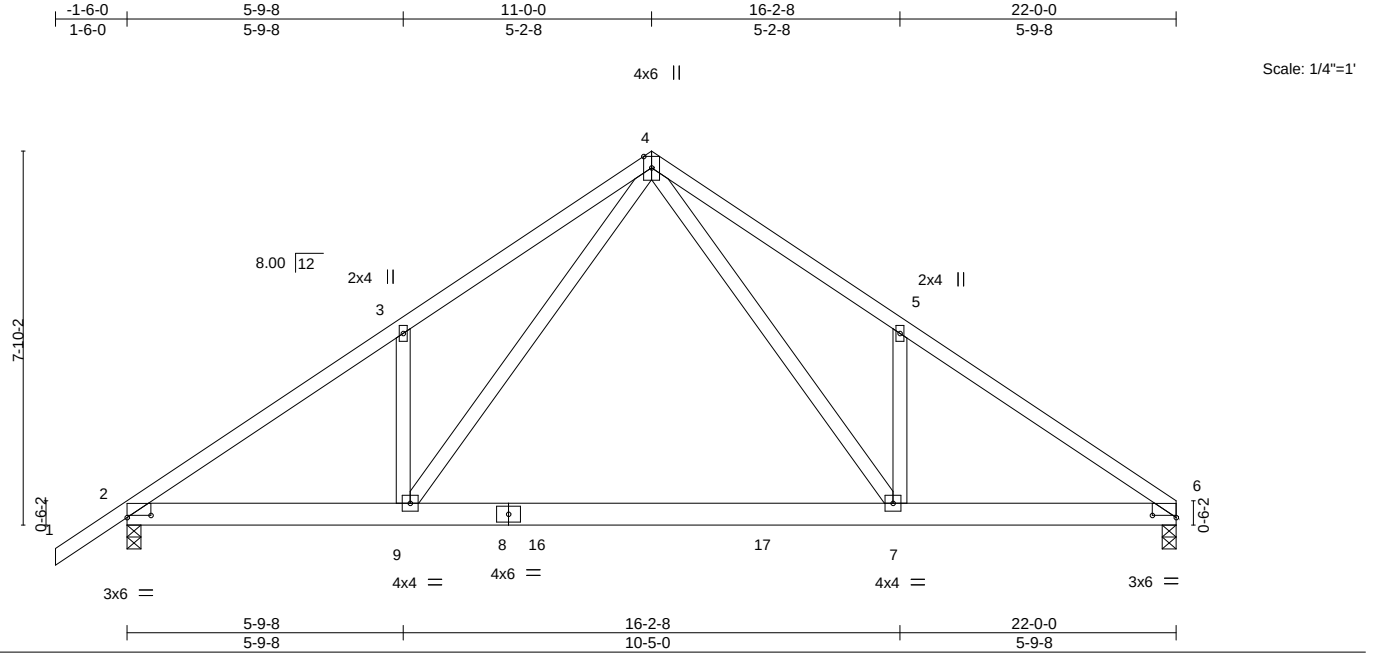


Plate Offsets (X,Y)-- [2:0-6-0,0-0-9], [6:0-6-0,0-0-9]

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	0.43	Vert(LL)	-0.23	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-0.46	7-9	>572	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.94	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 131 lb	FT = 20%

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

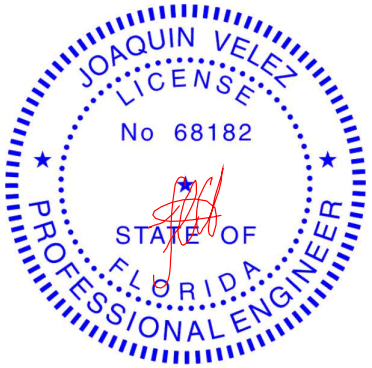
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-1-6 oc bracing.

REACTIONS. (size) 6=0-3-8, 2=0-3-8
Max Horz 2=249(LC 9)
Max Uplift 6=-436(LC 13), 2=-490(LC 12)
Max Grav 6=1150(LC 20), 2=1232(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1927/771, 3-4=-1978/972, 4-5=-1994/983, 5-6=-1942/780
BOT CHORD 2-9=-618/1686, 7-9=-279/979, 6-7=-545/1538
WEBS 4-7=-609/1252, 5-7=-366/350, 4-9=-593/1233, 3-9=-368/347

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=436, 2=490.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 9-13=-20, 7-9=-80(F=-60), 7-10=-20



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August 5,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932532
2427461	T03	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:18 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-EtLjEe4IPc8wqf9kO4uBdUGfbb1KqOhpS3k?9Ayqy??

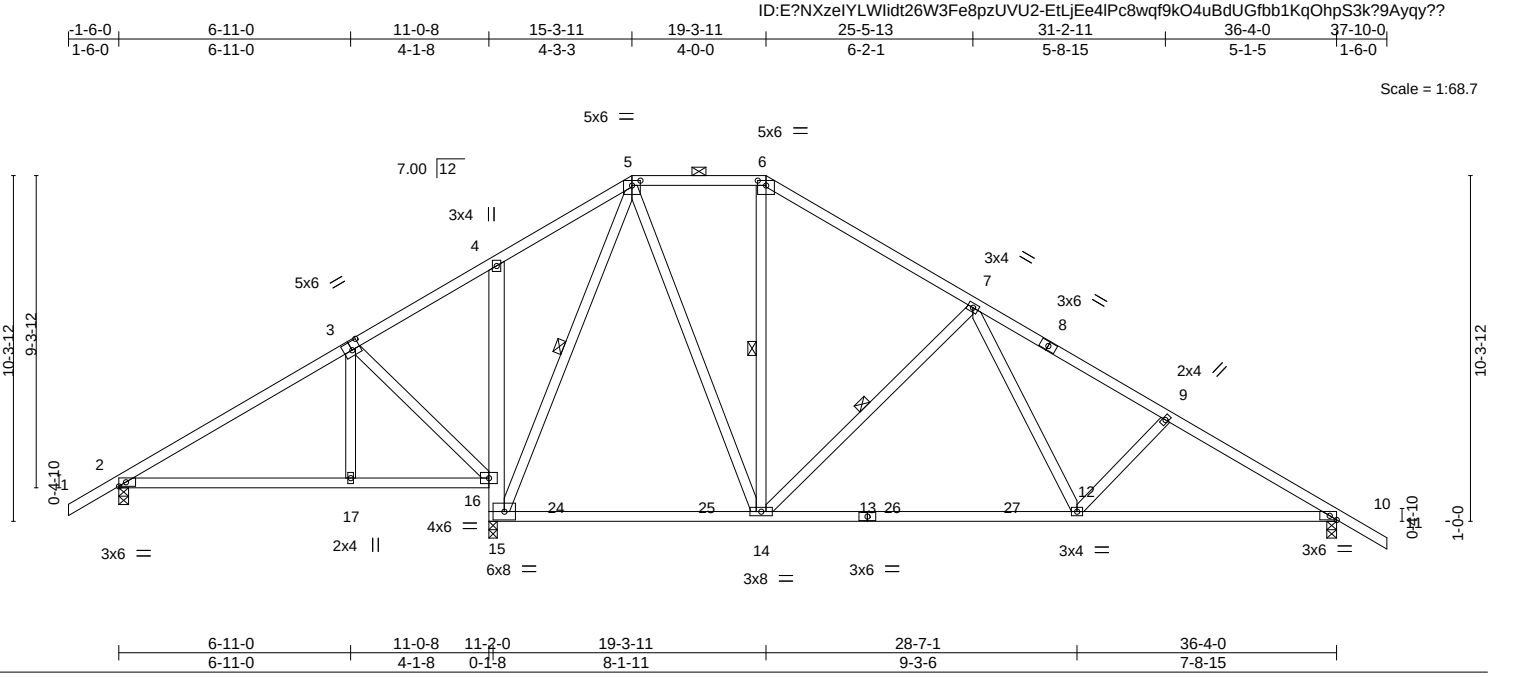


Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [5:0-3-0,0-1-12], [6:0-3-0,0-1-12], [10:0-2-8,Edge]

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	0.42	Vert(LL)	-0.18	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.82	Vert(CT)	-0.33	12-14	>904	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.02	15	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 227 lb	FT = 20%

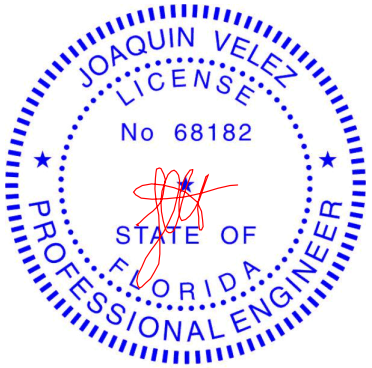
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
4-15: 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-15, 6-14, 7-14

REACTIONS. (size) 2=0-3-8, 15=0-3-0, 10=0-3-8
Max Horz 2=324(LC 11)
Max Uplift 2=-188(LC 12), 15=-482(LC 12), 10=-460(LC 13)
Max Grav 2=454(LC 23), 15=1457(LC 1), 10=1054(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-375/439, 3-4=-146/282, 4-5=-228/360, 5-6=-642/457, 6-7=-715/456, 7-9=-1428/639, 9-10=-1590/669
BOT CHORD 2-17=-237/266, 16-17=-238/267, 15-16=-622/657, 4-16=-278/233, 14-15=-38/333, 12-14=-234/896, 10-12=-461/1308
WEBS 3-17=-276/264, 3-16=-493/571, 5-15=-902/221, 5-14=-219/719, 7-14=-660/428, 7-12=-154/506, 9-12=-323/259

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) except (jt=lb) 2=188, 15=482, 10=460.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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August 5,2020

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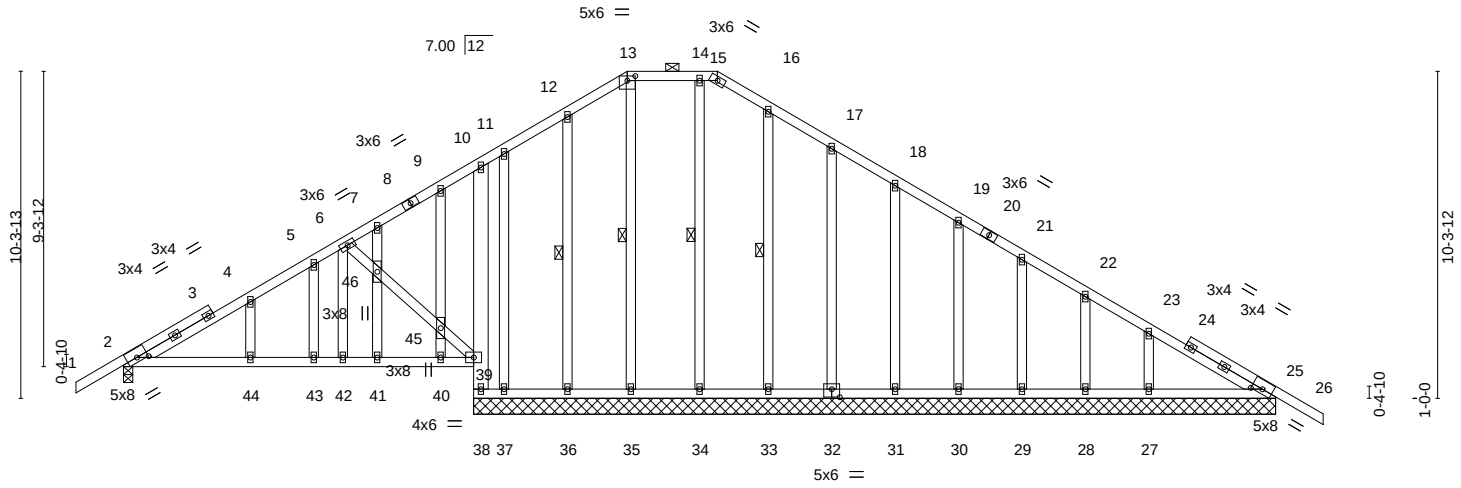
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932533
2427461	T03G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:20 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-AGTTfK6?xEOe3zJ7WVwfivM?AOqrIMj6vND6D3yqy_z

1-6-0 | 6-11-0 | 11-0-8 | 15-10-10 | 18-8-12 | 36-4-0 | 37-10-0
1-6-0 | 6-11-0 | 4-1-8 | 4-10-2 | 2-10-2 | 17-7-4 | 1-6-0

Scale = 1:72.7



6-11-0 | 11-0-8 | 36-4-0
6-11-0 | 4-1-8 | 25-3-8

Plate Offsets (X,Y)-- [2:0-4-1,0-1-12], [13:0-3-0,0-1-12], [25:0-4-1,0-1-12], [32:0-3-0,0-3-0]

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	0.42	Vert(LL)	0.13	2-44	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	-0.12	2-44	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.02	25	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 289 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 10-38: 2x6 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, except 2-0-0 oc purlins (10-0-0 max.): 13-15.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 14-34, 16-33, 12-36, 13-35

REACTIONS. All bearings 25-3-8 except (jt=length) 2=0-3-8.
(lb) - Max Horz 39=324(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 38, 34, 28, 31, 33, 36, 35, 25 except 2=-181(LC 12), 39=-311(LC 12), 27=-142(LC 13), 29=-104(LC 13), 30=-102(LC 13), 32=-115(LC 13), 37=-169(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 38, 34, 28, 29, 30, 31, 32, 33, 37, 36, 35, 25 except 2=451(LC 1), 39=454(LC 23), 27=265(LC 20)

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

TOP CHORD	2-4=-386/335, 4-5=-328/362, 5-6=-299/368, 10-11=-102/265, 11-12=-130/288, 12-13=-183/322, 13-14=-172/293, 14-15=-172/293, 15-16=-182/306, 16-17=-141/261
BOT CHORD	2-44=-196/326, 43-44=-196/326, 42-43=-196/326, 41-42=-196/326, 40-41=-196/326, 39-40=-196/326, 37-38=-236/285, 36-37=-236/285, 35-36=-236/285, 34-35=-236/285, 33-34=-236/285, 32-33=-236/285, 31-32=-236/285, 30-31=-236/285, 29-30=-236/285, 28-29=-236/285, 27-28=-236/285, 25-27=-236/285
WEBS	6-42=-306/252, 6-46=-521/593, 45-46=-488/558, 39-45=-502/574

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left 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) na
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Bearing at joint(s) 39 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 38, 34, 28, 31, 33, 36, 35, 25 except (jt=lb) 2=181, 39=311, 27=142, 29=104, 30=102, 32=115, 37=169.

Continued on page 2

JOAQUIN VELEZ LICENSE No 68182 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Date: August 5,2020

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NOTES-

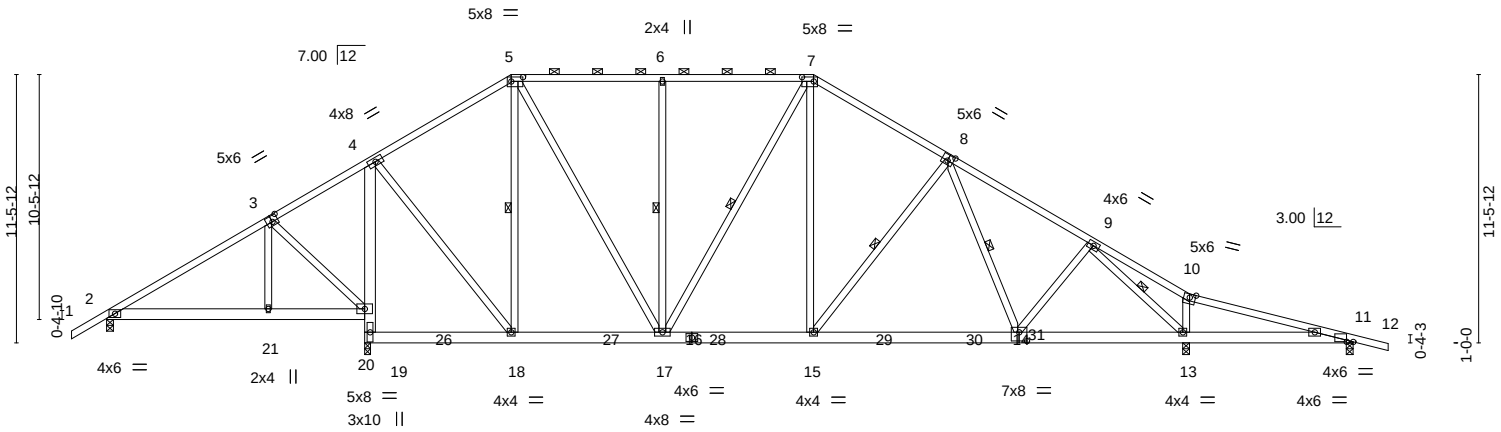
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932534
2427461	T04	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:23 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-ar9cHM8uD9mCwR1iBdUMKY_VGcnxVZeYbLRmqOyqy_w

-1-6-0	6-11-0	11-0-8	17-3-11	23-9-6	30-3-0	36-0-0	42-1-2	46-4-1	53-4-0	54-10-0
1-6-0	6-11-0	4-1-8	6-3-3	6-5-10	6-5-10	5-9-0	6-1-2	4-2-15	6-11-15	1-6-0

Scale = 1:98.6



6-11-0	11-0-8	11-2-0	17-3-11	23-9-6	30-3-0	38-11-13	46-2-4	46-4-1	53-4-0
6-11-0	4-1-8	0-1-8	6-1-11	6-5-10	6-5-10	8-8-13	7-2-7	0-1-13	6-11-15

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [5:0-6-0,0-2-4], [7:0-6-0,0-2-4], [8:0-3-0,0-3-0], [11:0-3-6,0-0-1], [14:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.49	Vert(LL)	-0.10	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.18	14-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.02	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 390 lb	FT = 20%

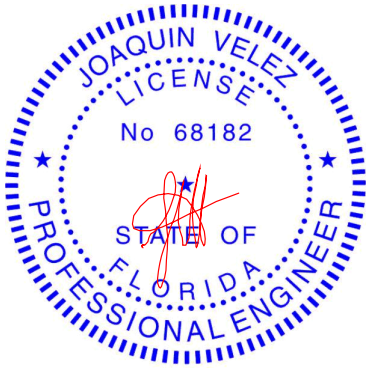
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
5-17,7-17: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-2 oc purlins, except 2-0-0 oc purlins (5-7-8 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 5-6-1 oc bracing.
WEBS 1 Row at midpt 5-18, 6-17, 7-17, 8-15, 8-14, 9-13

REACTIONS. All bearings 0-3-8 except (jt=length) 19=0-3-0.
(lb) - Max Horz 2=-354(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-168(LC 13), 19=-613(LC 12), 13=-643(LC 13), 11=-273(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 2=438(LC 23), 19=1838(LC 2), 13=1602(LC 1), 11=289(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-344/370, 3-4=-105/297, 4-5=-749/509, 5-6=-953/664, 6-7=-953/664, 7-8=-1276/721, 8-9=-1478/682
BOT CHORD 2-21=-177/258, 20-21=-174/254, 19-20=-1745/1053, 4-20=-1438/636, 17-18=-97/637, 15-17=-135/1045, 14-15=-295/1198, 13-14=-303/1118
WEBS 3-21=-289/276, 3-20=-472/534, 4-18=-300/1048, 5-18=-619/258, 5-17=-330/765, 6-17=-402/306, 7-17=-322/110, 7-15=-223/653, 8-15=-428/335, 9-14=-60/295, 9-13=-1700/691

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) 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 168 lb uplift at joint 2, 613 lb uplift at joint 19, 643 lb uplift at joint 13 and 273 lb uplift at joint 11.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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August 5,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932535
2427461	T05	Piggyback Base	5	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:25 2020 Page 1
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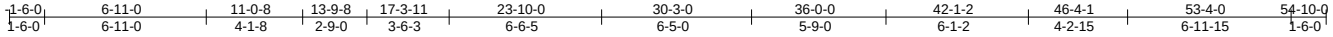

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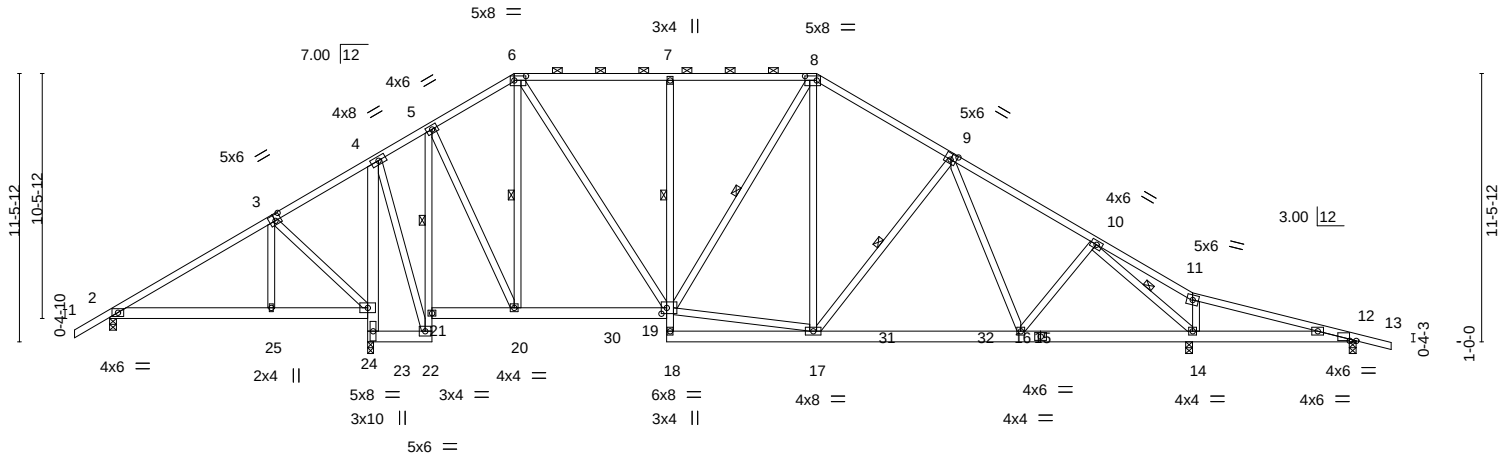


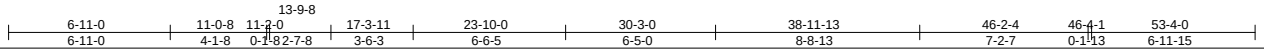


Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [6:0-6-0,0-2-4], [8:0-6-0,0-2-4], [9:0-3-0,0-3-0], [12:0-3-6,0-0-1], [19:0-2-12,0-3-0]

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	0.50	Vert(LL)	-0.11	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.73	Vert(CT)	-0.19	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.05	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 417 lb	FT = 20%

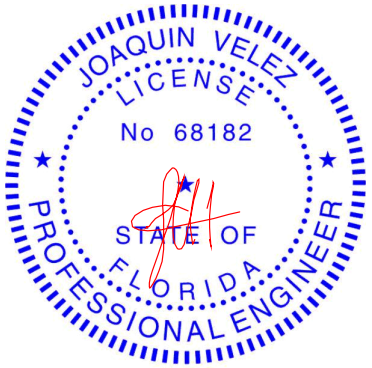
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
5-22,7-18: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-11 oc purlins, except
2-0-0 oc purlins (5-3-15 max.): 6-8.
BOT CHORD Rigid ceiling directly applied or 4-10-5 oc bracing. Except:
1 Row at midpt 5-21, 7-19
WEBS 1 Row at midpt 6-20, 8-19, 9-17, 10-14

REACTIONS. All bearings 0-3-8 except (jt=length) 23=0-3-0.
(lb) - Max Horz 2=-354(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-208(LC 13), 23=-585(LC 12), 14=-650(LC 13), 12=-265(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 2=416(LC 23), 23=1840(LC 1), 14=1589(LC 1), 12=282(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-301/457, 3-4=-98/388, 4-5=-416/408, 5-6=-736/568, 6-7=-978/719, 7-8=-976/718, 8-9=-1216/758, 9-10=-1447/737
BOT CHORD 23-24=-1849/989, 4-24=-1515/563, 21-22=-1053/343, 5-21=-1061/337, 20-21=-47/277, 19-20=-108/611, 7-19=-405/307, 16-17=-334/1169, 14-16=-364/1139
WEBS 3-25=-288/275, 3-24=-484/547, 4-22=-356/1162, 5-20=-163/832, 6-20=-571/197, 6-19=-339/780, 17-19=-143/927, 8-17=-227/475, 9-17=-472/346, 10-14=-1610/701

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) 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 208 lb uplift at joint 2, 585 lb uplift at joint 23, 650 lb uplift at joint 14 and 265 lb uplift at joint 12.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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

August 5,2020

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932536
2427461	T05G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:32 2020 Page 1
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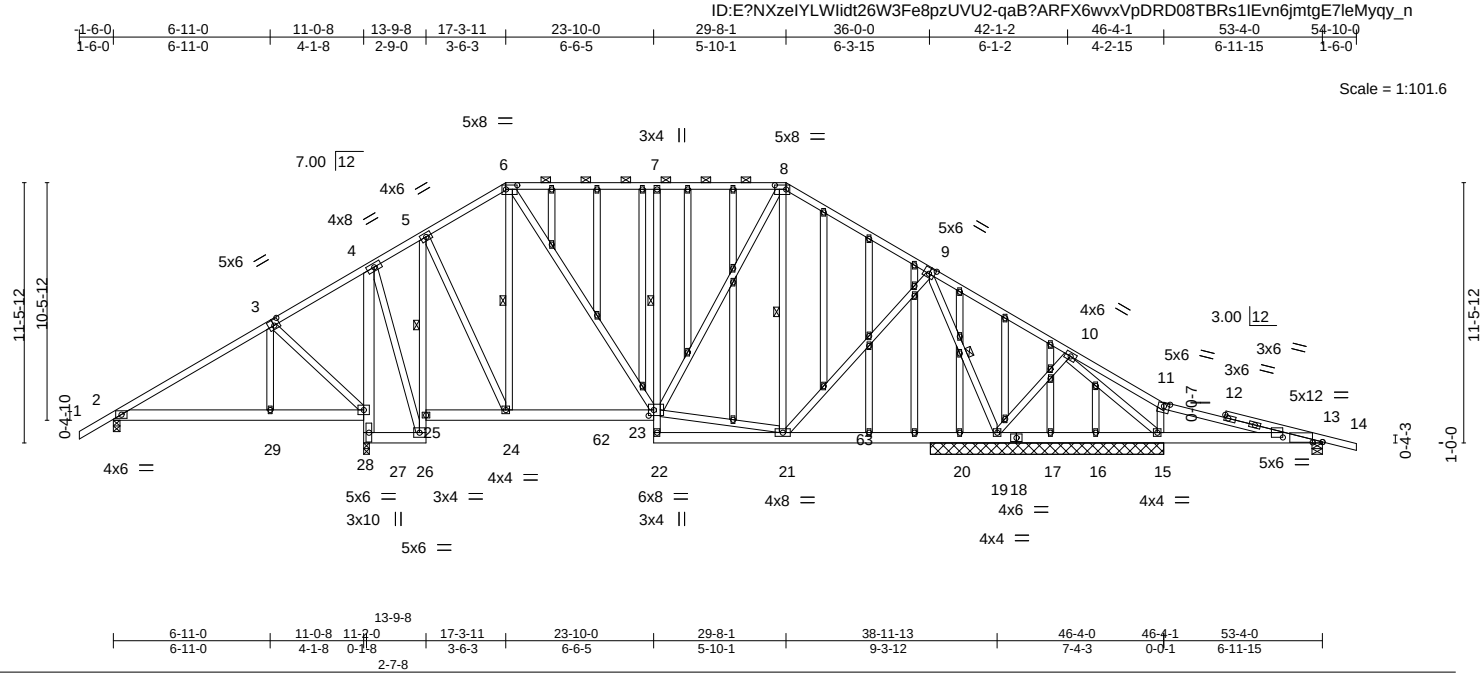


Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [6:0-6-0,0-2-4], [8:0-6-0,0-2-4], [9:0-3-0,0-3-0], [11:0-3-0,0-1-9], [13:1-9-0,0-2-7], [13:0-5-4,0-0-3], [23:0-2-12,0-3-0]

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	0.47	Vert(LL)	0.06	29-61	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.08	23-24	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.03	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 531 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* 5-26,7-22: 2x4 SP No.3
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

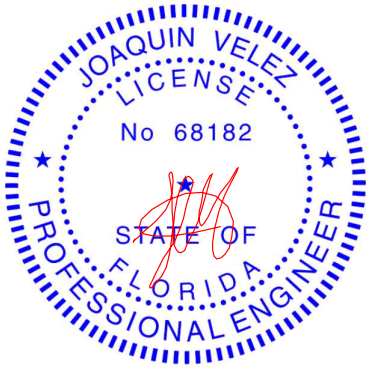
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 6-8.
BOT CHORD	Rigid ceiling directly applied or 5-10-4 oc bracing. Except: 1 Row at midpt 5-25, 7-23
WEBS	1 Row at midpt 6-24, 8-21, 9-19

REACTIONS. All bearings 10-3-8 except (jt=length) 13=0-5-8, 2=0-3-8, 27=0-3-0.
(lb) - Max Horz 2=-353(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 16, 17 except 13=-275(LC 9), 2=-224(LC 13), 27=-555(LC 9), 19=-567(LC 13), 15=-284(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 16, 17 except 13=323(LC 24), 2=448(LC 23), 27=1480(LC 1), 19=1140(LC 1), 15=514(LC 24), 20=415(LC 18)

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

TOP CHORD	2-3=-374/494, 3-4=-151/347, 4-5=-389/396, 5-6=-595/497, 6-7=-676/569, 7-8=-674/568, 8-9=-676/517, 9-10=-10/274
BOT CHORD	2-29=-226/266, 28-29=-218/264, 27-28=-1481/832, 4-28=-1148/406, 25-26=-765/224, 5-25=-769/237, 24-25=-52/255, 23-24=-113/507, 7-23=-387/296, 20-21=0/265, 19-20=0/265
WEBS	3-29=-291/280, 3-28=-489/549, 4-26=-234/852, 5-24=-146/590, 6-24=-344/161, 6-23=-206/416, 21-23=-41/507, 8-23=-214/330, 9-21=-153/400, 9-19=-1116/551, 10-19=-302/247

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) Provide adequate drainage to prevent water ponding.
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) 16, 17 except (jt=lb) 13=275, 2=224, 27=555, 19=567, 15=284.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
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August 5,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932537
2427461	T06	Piggyback Base	4	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:36 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-iLRW0oI198PM_QXCSsDPMH0j_rJL2SjTas5yn8yqy_j

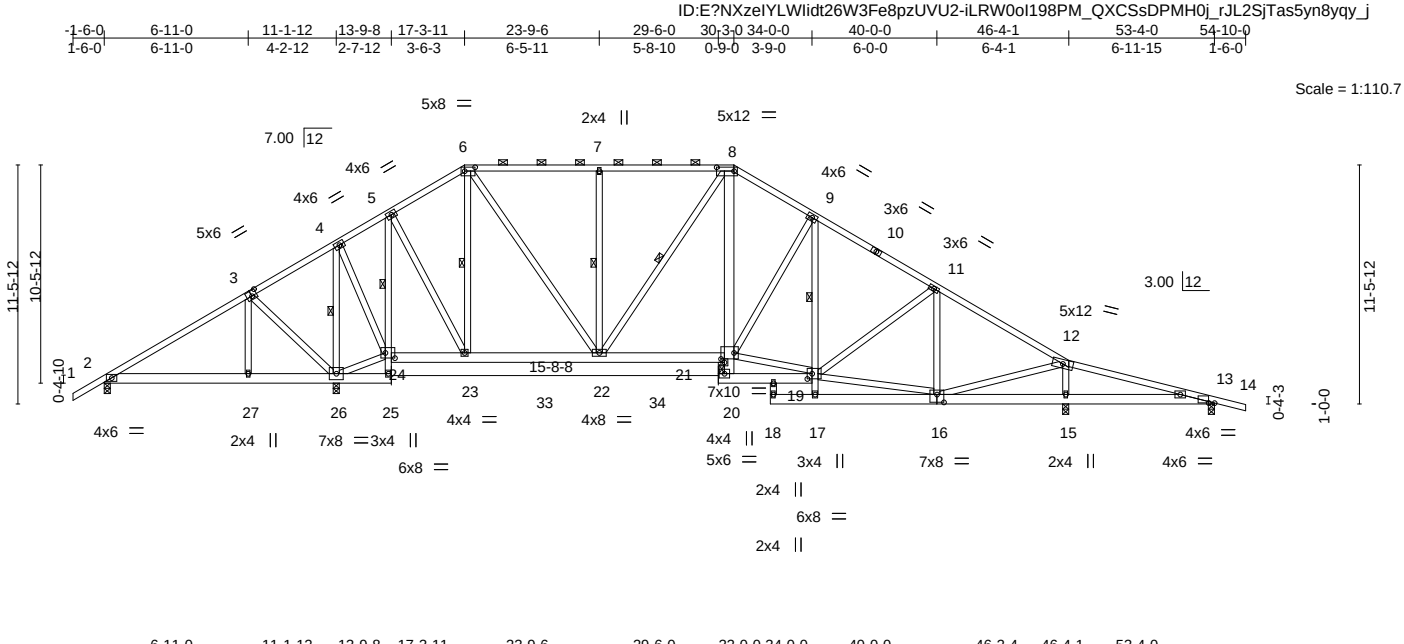


Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [6:0-6-0,0-2-4], [8:0-10-0,0-2-4], [13:0-3-6,0-0-1], [16:0-4-0,0-4-8], [19:0-2-12,0-3-0], [21:0-7-8,0-3-8], [24:0-5-8,0-3-0]

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	0.49	Vert(LL)	-0.08	18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.32	Vert(CT)	-0.14	18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.05	15	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 429 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* 5-25,9-17: 2x4 SP No.3
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

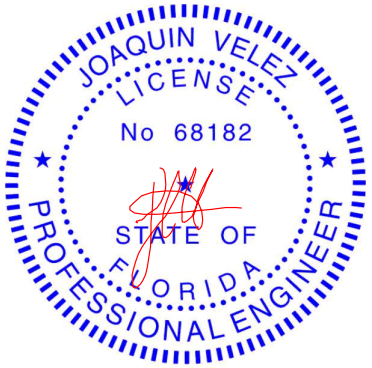
TOP CHORD	Structural wood sheathing directly applied or 4-5-15 oc purlins, except 2-0-0 oc purlins (5-3-4 max.): 6-8.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing. Except: 1 Row at midpt 5-24, 9-19 10-0-0 oc bracing: 20-21, 17-19
WEBS	1 Row at midpt 4-26, 6-23, 7-22, 8-22
JOINTS	1 Brace at Jt(s): 20

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=-355(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-129(LC 9), 26=-650(LC 12), 15=-611(LC 13), 13=-276(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 2=337(LC 23), 26=1969(LC 1), 15=1626(LC 1), 13=264(LC 24)

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

TOP CHORD	3-4=-117/428, 5-6=-678/412, 6-7=-1021/616, 7-8=-1021/616, 8-9=-1358/702, 9-11=-1485/693, 11-12=-1362/564
BOT CHORD	2-27=-221/271, 26-27=-221/271, 5-24=-1122/521, 23-24=-119/337, 22-23=-111/670, 21-22=-111/1146, 8-21=-261/722, 15-16=-279/208
WEBS	3-27=-299/264, 3-26=-484/552, 4-26=-1416/513, 24-26=-490/464, 4-24=-323/1096, 5-23=-305/841, 6-23=-628/293, 6-22=-383/863, 7-22=-399/304, 8-22=-329/136, 19-21=-190/1110, 16-19=-223/969, 11-16=-490/273, 12-16=-499/1439, 12-15=-1378/669, 9-21=-356/303

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) 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 129 lb uplift at joint 2, 650 lb uplift at joint 26, 611 lb uplift at joint 15 and 276 lb uplift at joint 13.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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6904 Parke East Blvd. Tampa FL 33610
Date:

August 5,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932538
2427461	T07	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:42 2020 Page 1
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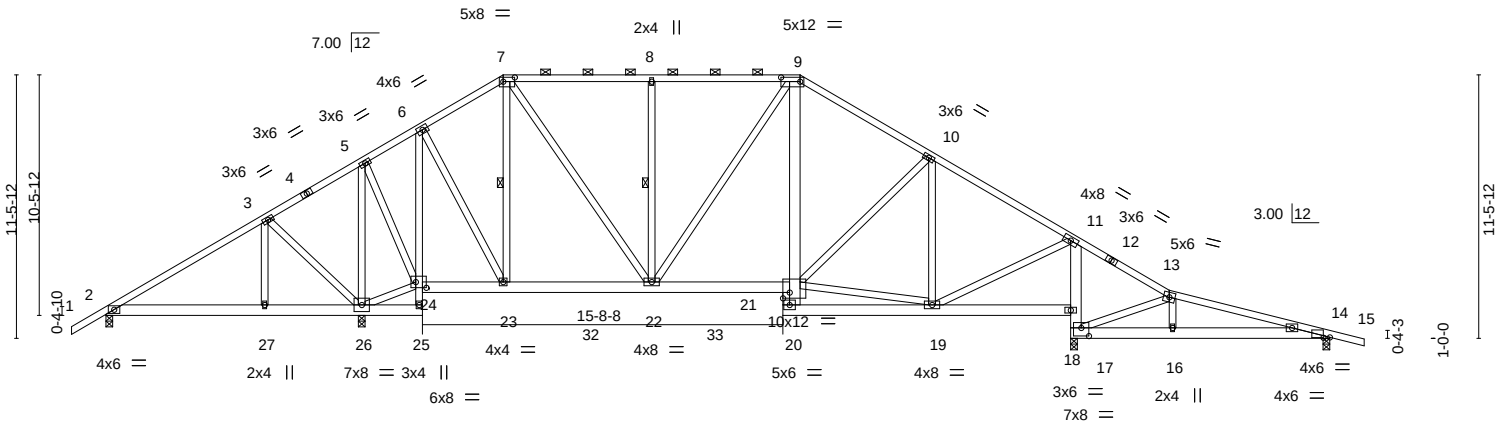
-1-6-0	6-11-0	11-1-12	13-9-8	17-3-11	23-9-6	29-9-8	30-3-0	36-0-0	42-0-8	46-4-1	53-4-0	54-10-0
1-6-0	6-11-0	4-2-12	2-7-12	3-6-3	6-5-11	6-0-2	0-5-8	5-9-0	6-0-8	4-3-9	6-11-15	1-6-0

Scale = 1:100.4



6-11-0	11-1-12	13-9-8	17-3-11	23-9-6	29-6-0	29-9-8	36-0-0	42-0-8	42-2-4	46-4-1	53-4-0
6-11-0	4-2-12	2-7-12	3-6-3	6-5-11	5-8-10	0-3-8	6-2-8	6-0-8	0-1-12	4-1-13	6-11-15

Plate Offsets (X,Y)-- [7:0-6-0,0-2-4], [9:0-10-0,0-2-4], [14:0-3-6,0-0-3], [17:0-4-0,0-4-4], [21:0-3-8,0-3-0], [24:0-5-8,0-3-0]

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	0.48	Vert(LL)	0.07	16-31	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.10	21-22	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.02	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 413 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* 6-25: 2x4 SP No.3
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

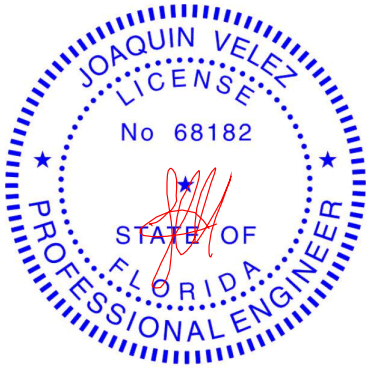
TOP CHORD	Structural wood sheathing directly applied or 5-5-11 oc purlins, except 2-0-0 oc purlins (5-10-1 max.): 7-9.
BOT CHORD	Rigid ceiling directly applied or 5-10-4 oc bracing.
WEBS	1 Row at midpt 7-23, 8-22

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=-355(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-143(LC 12), 17=-613(LC 13), 14=-342(LC 9), 26=-608(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 2=393(LC 23), 17=1670(LC 1), 14=383(LC 24), 26=1684(LC 1)

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

TOP CHORD	2-3=-257/245, 3-5=-120/306, 5-6=-261/187, 6-7=-635/388, 7-8=-847/539, 8-9=-847/539, 9-10=-1017/533, 10-11=-879/389, 11-13=-220/411, 13-14=-326/514
BOT CHORD	6-24=-885/429, 23-24=-68/379, 22-23=-108/645, 21-22=-61/849, 9-21=-100/309, 18-19=-324/392, 17-18=-1448/701, 11-18=-1374/698, 16-17=-384/262, 14-16=-413/282
WEBS	3-27=-298/266, 3-26=-486/556, 5-26=-1204/432, 24-26=-365/413, 5-24=-247/907, 6-23=-227/650, 7-23=-449/224, 7-22=-283/615, 8-22=-398/302, 10-19=-510/272, 11-19=-455/1131, 13-17=-606/789, 13-16=-345/303, 19-21=-16/633, 10-21=-176/282

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) 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 143 lb uplift at joint 2, 613 lb uplift at joint 17, 342 lb uplift at joint 14 and 608 lb uplift at joint 26.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:

August 5,2020

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932539
2427461	T08	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:57:47 2020 Page 1
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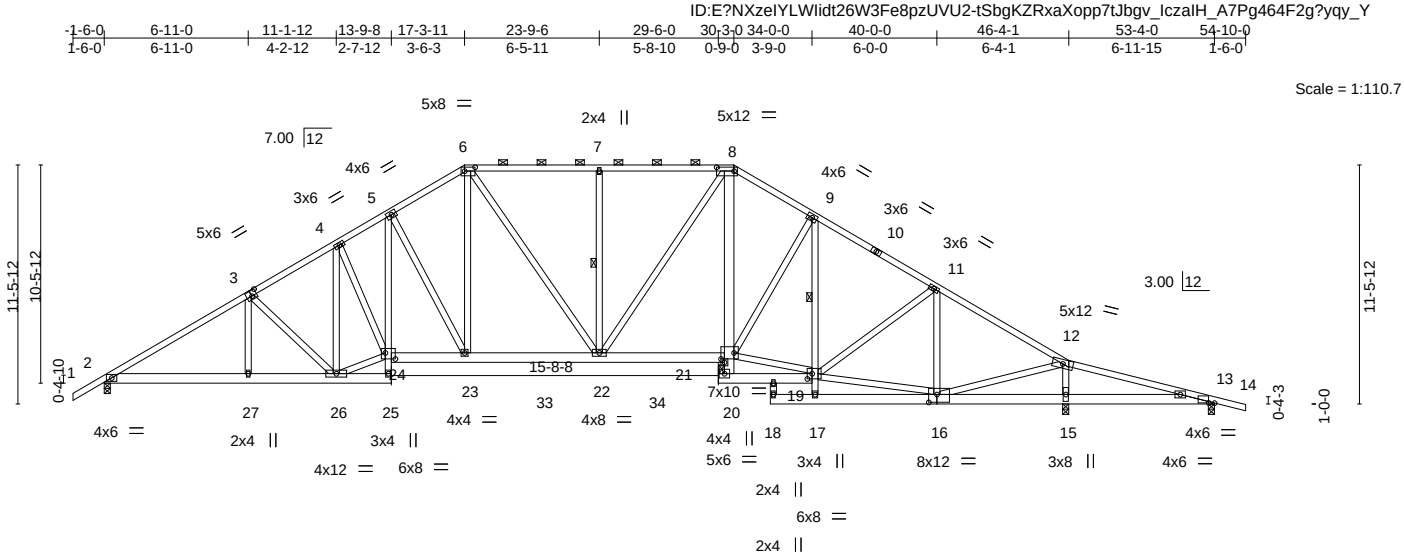


Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [6:0-6-0,0-2-4], [8:0-10-0,0-2-4], [13:0-3-6,0-0-1], [16:0-4-12,0-4-8], [19:0-2-12,0-3-0], [21:0-7-8,0-3-8], [24:0-5-12,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	-0.18	23-24	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.33	23-24	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.14	15	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 429 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* 5-25,9-17: 2x4 SP No.3
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-10-3 oc purlins, except 2-0-0 oc purlins (3-5-8 max.): 6-8.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing. Except: 1 Row at midpt 9-19 10-0-0 oc bracing: 20-21, 17-19
WEBS	1 Row at midpt 7-22
JOINTS	1 Brace at Jt(s): 20

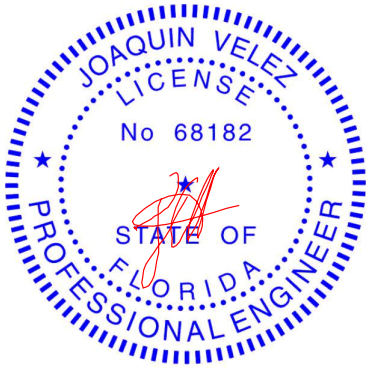
REACTIONS. (size) 2=0-3-8, 15=0-3-8, 13=0-3-8
Max Horz 2=-355(LC 10)
Max Uplift 2=-618(LC 12), 15=-729(LC 13), 13=-257(LC 9)
Max Grav 2=1775(LC 1), 15=2208(LC 1), 13=194(LC 24)

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

TOP CHORD	2-3=-2987/1294, 3-4=-2614/1232, 4-5=-2760/1312, 5-6=-2367/1185, 6-7=-2152/1133, 7-8=-2152/1133, 8-9=-2274/1121, 9-11=-2255/1046, 11-12=-1863/796, 12-13=-230/560
BOT CHORD	2-27=-910/2509, 26-27=-910/2504, 5-24=-318/704, 23-24=-718/2360, 22-23=-525/2013, 21-22=-473/1941, 8-21=-259/711, 9-19=-357/179, 15-16=-671/376, 13-15=-507/298
WEBS	3-27=-16/268, 3-26=-536/311, 4-26=-582/148, 24-26=-716/2219, 4-24=-60/406, 5-23=-797/443, 6-23=-348/852, 6-22=-297/406, 7-22=-395/301, 8-22=-323/500, 19-21=-470/1722, 16-19=-396/1344, 11-19=-189/466, 11-16=-800/413, 12-16=-880/2293, 12-15=-1941/923, 9-21=-241/267

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 618 lb uplift at joint 2, 729 lb uplift at joint 15 and 257 lb uplift at joint 13.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

August 5,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932540
2427461	T09	PIGGYBACK BASE	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:58:04 2020 Page 1
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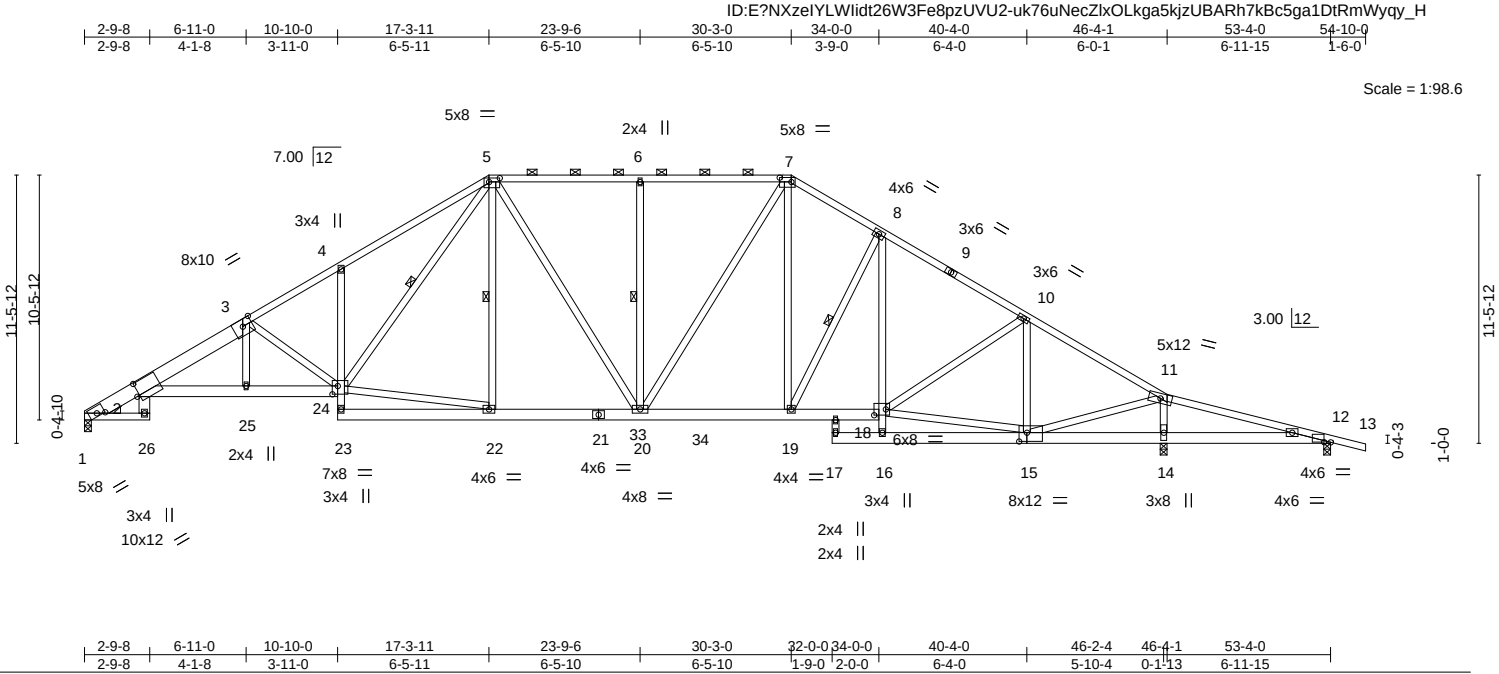


Plate Offsets (X,Y)-- [1:0-4-0,0-1-11], [2:0-1-7,0-6-12], [5:0-5-8,0-2-0], [7:0-6-0,0-2-4], [12:0-3-6,0-0-1], [15:0-4-0,0-4-8], [18:0-6-0,0-3-0], [24:0-2-12,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.76	Vert(LL)	0.29	4	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.81	Vert(CT)	-0.50	4	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.31	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 419 lb	FT = 20%

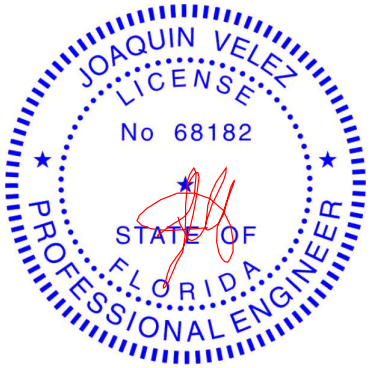
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
3-5: 2x4 SP M 31, 1-3: 2x8 SP 2400F 2.0E
BOT CHORD 2x6 SP No.2 *Except*
1-26: 2x4 SP No.2, 2-24: 2x6 SP M 26, 4-23,8-16: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-4 oc purlins, except
2-0-0 oc purlins (3-8-7 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
10-0-0 oc bracing: 16-18
WEBS 1 Row at midpt 5-24, 5-22, 6-20, 8-19

REACTIONS. (size) 1=0-3-8, 14=0-3-8, 12=0-3-8
Max Horz 1=-360(LC 8)
Max Uplift 1=-557(LC 12), 14=-741(LC 13), 12=-243(LC 9)
Max Grav 1=1680(LC 1), 14=2287(LC 1), 12=145(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-30=-972/525, 2-3=-3718/1568, 3-4=-3007/1357, 4-5=-3038/1541, 5-6=-1901/1061, 6-7=-1901/1061, 7-8=-2014/1055, 8-10=-2225/1025, 10-11=-1721/736, 11-12=-353/852
BOT CHORD 2-25=-1221/3356, 24-25=-1231/3388, 4-24=-373/341, 22-23=-97/323, 20-22=-466/1788, 19-20=-405/1691, 18-19=-510/1845, 8-18=-62/250, 14-15=-962/495, 12-14=-791/415
WEBS 3-25=-96/392, 3-24=-1056/469, 22-24=-375/1484, 5-24=-713/1393, 5-20=-295/380, 6-20=-402/307, 7-20=-327/515, 7-19=-252/596, 8-19=-467/316, 15-18=-368/1251, 10-18=-201/538, 10-15=-880/448, 11-15=-962/2481, 11-14=-2014/948

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 557 lb uplift at joint 1, 741 lb uplift at joint 14 and 243 lb uplift at joint 12.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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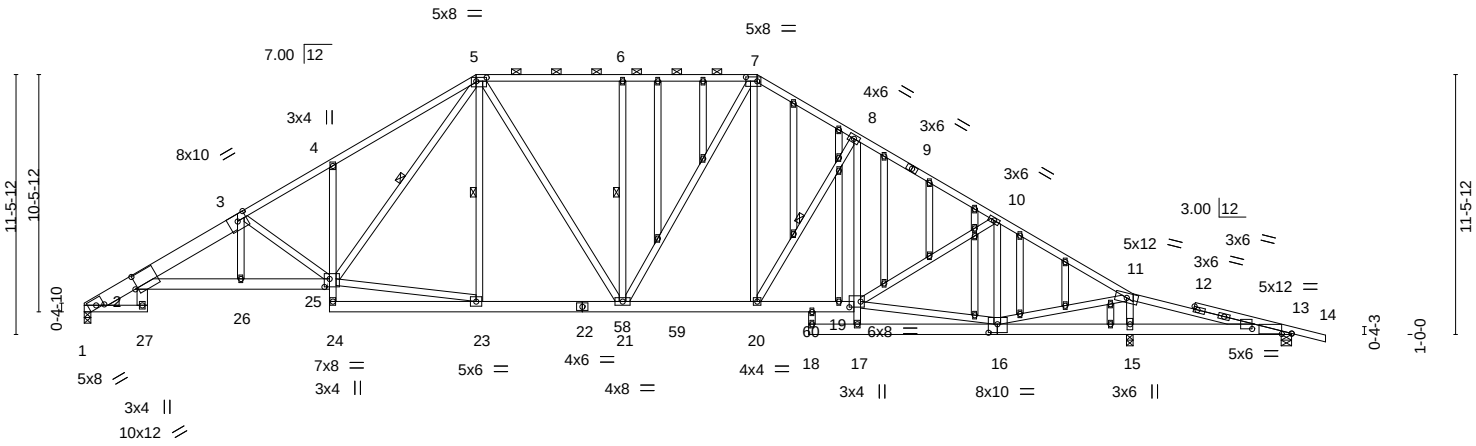
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932541
2427461	T09G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:58:21 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-u?fXSBrGZz4_uLTrbpWygnNLI_X25oB4xMUrt1yqy_0

2-9-8	6-11-0	10-10-0	17-3-11	23-9-6	29-8-11	34-0-0	40-4-0	46-4-1	53-4-0	54-10-0
2-9-8	4-1-8	3-11-0	6-5-11	6-5-10	5-11-5	4-3-5	6-4-0	6-0-1	6-11-15	1-6-0

Scale = 1:101.8



2-9-8	6-11-0	10-10-0	17-3-11	23-9-6	29-8-11	32-0-0	34-0-0	40-4-0	46-2-4	46-4-1	53-4-0
2-9-8	4-1-8	3-11-0	6-5-11	6-5-10	5-11-5	2-3-5	2-0-0	6-4-0	5-10-4	0-1-13	6-11-15

Plate Offsets (X,Y)-- [1:0-4-0,0-1-11], [2:0-1-7,0-6-12], [5:0-5-8,0-2-0], [7:0-6-0,0-2-4], [13:0-5-4,0-0-3], [13:1-9-0,0-2-7], [16:0-4-12,0-4-8], [19:0-6-0,0-3-0], [25:0-2-12,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.77	Vert(LL)	0.29	4	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.82	Vert(CT)	-0.51	4	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.32	15	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 488 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 3-5: 2x4 SP M 31, 1-3: 2x8 SP 2400F 2.0E
BOT CHORD	2x6 SP No.2 *Except* 1-27: 2x4 SP No.2, 2-25: 2x6 SP M 26, 4-24,8-17: 2x4 SP No.3
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3
WEDGE	Left: 2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-5-13 oc purlins, except 2-0-0 oc purlins (3-9-1 max.): 5-7.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing. Except: 10-0-0 oc bracing: 17-19
WEBS	1 Row at midpt 5-25, 5-23, 6-21, 8-20

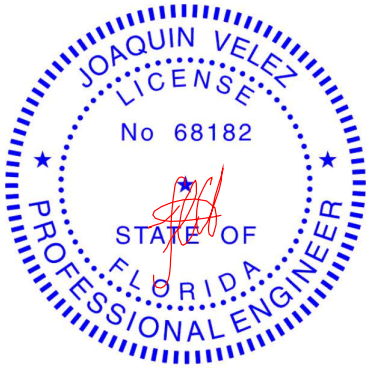
REACTIONS. (size) 13=0-5-8, 1=0-3-8, 15=0-3-8
Max Horz 1=-359(LC 8)
Max Uplift 13=-263(LC 9), 1=-561(LC 12), 15=-726(LC 13)
Max Grav 13=216(LC 24), 1=1693(LC 1), 15=2188(LC 1)

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

TOP CHORD	2-57=-980/526, 2-3=-3750/1585, 3-4=-3036/1372, 4-5=-3066/1555, 5-6=-1960/1074, 6-7=-1960/1074, 7-8=-2142/1083, 8-10=-2437/1086, 10-11=-1937/828, 11-13=-217/602
BOT CHORD	2-26=-1239/3428, 25-26=-1249/3460, 4-25=-372/340, 23-24=-99/326, 21-23=-479/1816, 20-21=-439/1808, 19-20=-583/2046, 8-19=-77/386, 15-16=-753/380, 13-15=-559/288
WEBS	3-26=-97/393, 3-25=-1076/471, 23-25=-386/1521, 5-25=-715/1413, 5-21=-290/394, 6-21=-384/295, 7-21=-320/477, 7-20=-263/741, 8-20=-637/343, 16-19=-459/1461, 10-19=-189/542, 10-16=-807/410, 11-16=-926/2430, 11-15=-1895/892

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch 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) Provide adequate drainage to prevent water ponding.
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 263 lb uplift at joint 13, 561 lb uplift at joint 1 and 726 lb uplift at joint 15.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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August 5,2020

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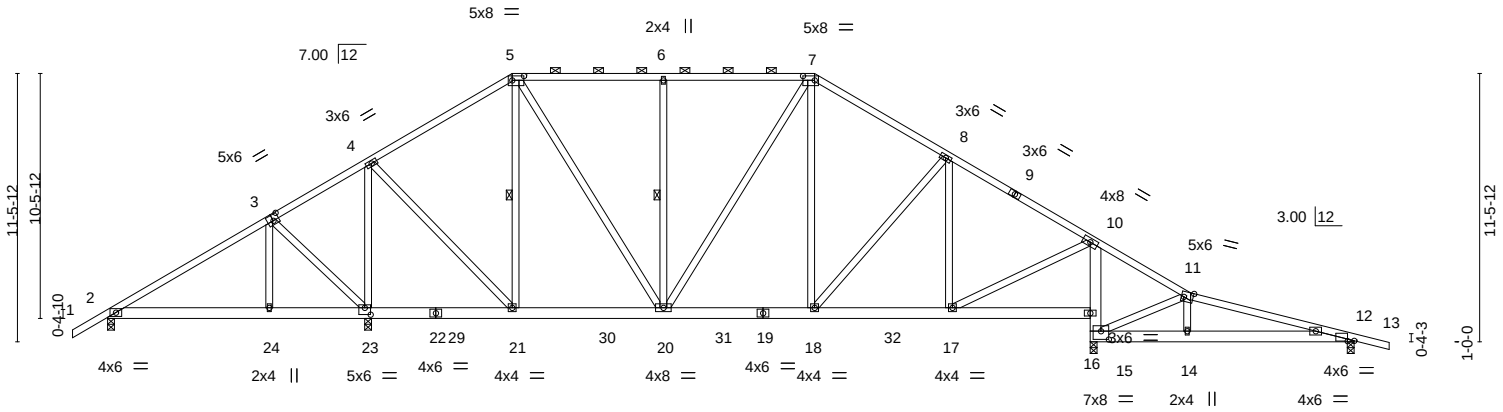
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932542
2427461	T10	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:58:30 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-7kixLGyvRkDiTkfacCB4YgFyPcjRirRP?GApg?yqxzt

-1-6-0	6-11-0	11-1-12	17-3-11	23-9-6	30-3-0	36-0-0	42-0-8	46-4-1	53-4-0	54-10-0
1-6-0	6-11-0	4-2-12	6-1-15	6-5-10	6-5-10	5-9-0	6-0-8	4-3-9	6-11-15	1-6-0

Scale = 1:98.6



6-11-0	11-1-12	17-3-11	23-9-6	30-3-0	36-0-0	42-0-8	42-2-4	46-4-1	53-4-0
6-11-0	4-2-12	6-1-15	6-5-10	6-5-10	5-9-0	6-0-8	0-1-12	4-1-13	6-11-15

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [5:0-6-0,0-2-4], [7:0-6-0,0-2-4], [11:0-4-12,0-2-12], [12:0-3-6,0-0-3], [15:0-4-0,0-4-4], [23:0-3-0,0-3-8]

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	0.49	Vert(LL)	0.08	14-28	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.08	18-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.02	15	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 379 lb	FT = 20%

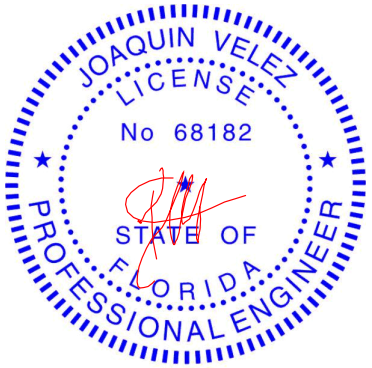
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-10 oc purlins, except
2-0-0 oc purlins (6-0-0 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 21-23,16-17
5-10-12 oc bracing: 15-16.
WEBS 1 Row at midpt 5-21, 6-20

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=-354(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-157(LC 12), 15=-616(LC 13), 12=-345(LC 9), 23=-589(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 2=433(LC 23), 15=1672(LC 1), 12=391(LC 24), 23=1643(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-330/261, 4-5=-686/395, 5-6=-826/548, 6-7=-826/548, 7-8=-995/546, 8-10=-949/403, 10-11=-216/380, 11-12=-342/494
BOT CHORD 2-24=-171/293, 23-24=-168/289, 21-23=-259/364, 20-21=-108/644, 18-20=-57/823, 17-18=-29/760, 16-17=-290/387, 15-16=-1443/702, 10-16=-1367/702, 14-15=-424/318, 12-14=-394/298
WEBS 3-24=-311/257, 3-23=-445/529, 4-23=-1246/628, 4-21=-307/897, 5-21=-485/261, 5-20=-276/581, 6-20=-401/307, 7-18=-113/316, 8-17=-392/265, 10-17=-462/1147, 11-15=-639/829, 11-14=-352/308

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) 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 157 lb uplift at joint 2, 616 lb uplift at joint 15, 345 lb uplift at joint 12 and 589 lb uplift at joint 23.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932543
2427461	T11	PIGGYBACK BASE	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:58:36 2020 Page 1
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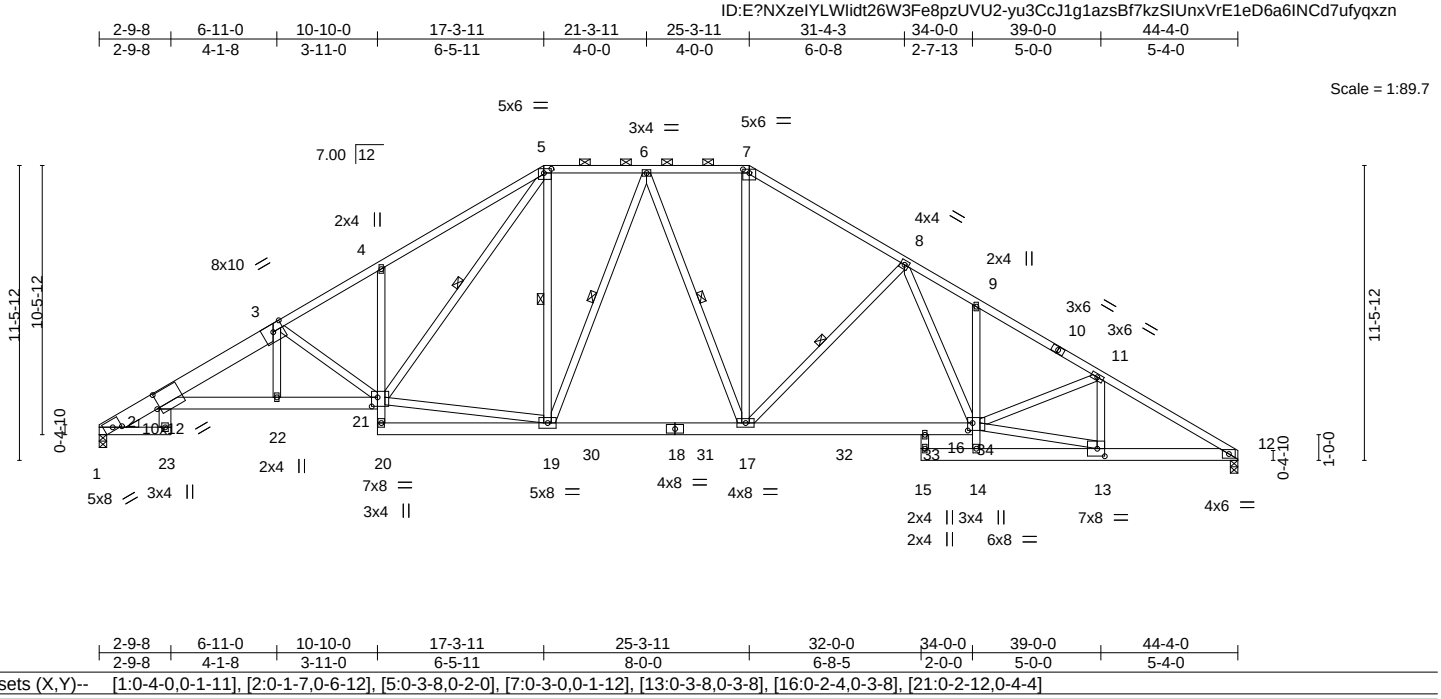


Plate Offsets (X,Y)-- [1:0-4-0,0-1-11], [2:0-1-7,0-6-12], [5:0-3-8,0-2-0], [7:0-3-0,0-1-12], [13:0-3-8,0-3-8], [16:0-2-4,0-3-8], [21:0-2-12,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.98	Vert(LL)	0.31	4	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.55	4	>975	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.35	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 352 lb	FT = 20%

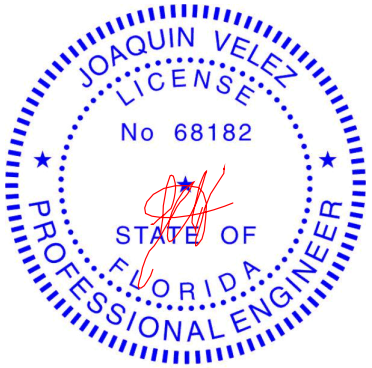
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-3: 2x8 SP 2400F 2.0E
BOT CHORD 2x6 SP No.2 *Except*
1-23: 2x4 SP No.2, 2-21: 2x6 SP M 26, 4-20,9-14: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied, except
2-0-0 oc purlins (4-3-12 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 7-2-3 oc bracing. Except:
10-0-0 oc bracing: 14-16
WEBS 1 Row at midpt 5-21, 5-19, 6-17, 8-17, 6-19

REACTIONS. (size) 1=0-3-8, 12=0-3-8
Max Horz 1=-343(LC 8)
Max Uplift 1=-554(LC 12), 12=-572(LC 13)
Max Grav 1=1650(LC 1), 12=1667(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-27=-987/477, 2-3=-3637/1537, 3-4=-2932/1325, 4-5=-2971/1515, 5-6=-1739/984, 6-7=-1805/1002, 7-8=-2168/1080, 8-9=-3107/1436, 9-11=-3159/1357, 11-12=-3010/1276
BOT CHORD 2-22=-1229/3307, 21-22=-1240/3339, 4-21=-379/342, 19-20=-106/333, 17-19=-509/1809, 16-17=-810/2337, 12-13=-1019/2553
WEBS 3-22=-101/394, 3-21=-1052/471, 19-21=-372/1420, 5-21=-712/1381, 5-19=-218/337, 6-17=-204/281, 7-17=-344/822, 8-17=-896/487, 13-16=-922/2395, 11-16=-108/257, 11-13=-401/208, 6-19=-361/267, 8-16=-342/955

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 554 lb uplift at joint 1 and 572 lb uplift at joint 12.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
August 5,2020

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6904 Parke East Blvd.
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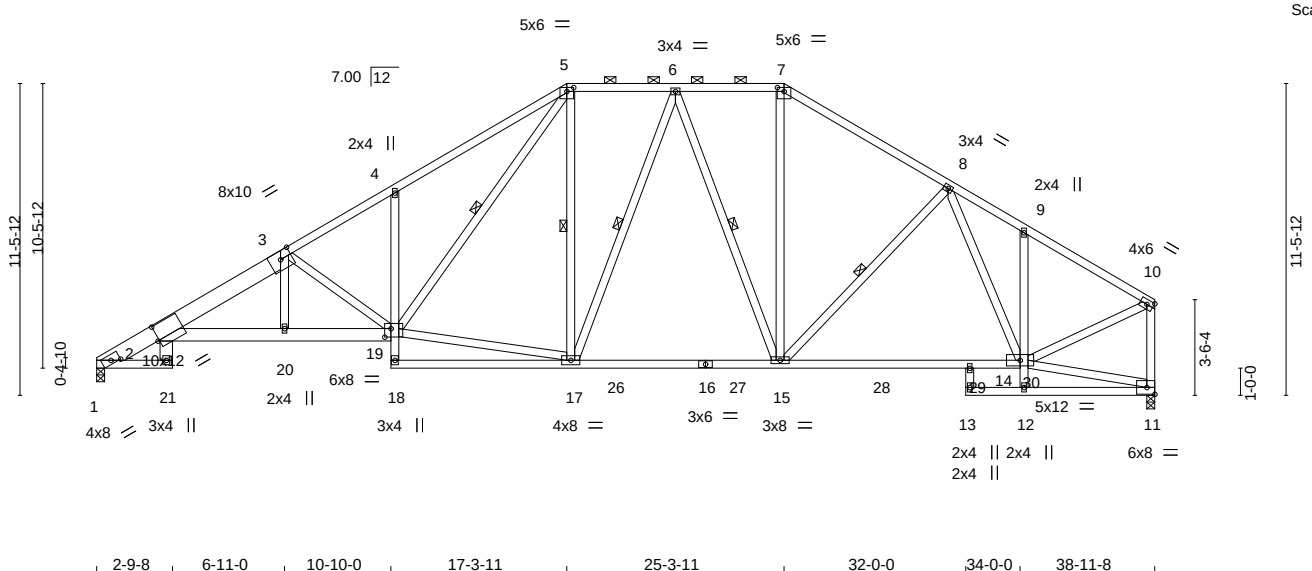
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932544
2427461	T12	PIGGYBACK BASE	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:58:49 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-3OL6KmBqzac?FecEEh1XphY70G4xeYRCNjHKrPyqxza

2-9-8	6-11-0	10-10-0	17-3-11	21-3-11	25-3-11	31-4-3	34-0-0	38-11-8
2-9-8	4-1-8	3-11-0	6-5-11	4-0-0	4-0-0	6-0-8	2-7-13	4-11-8

Scale = 1:84.8



2-9-8	6-11-0	10-10-0	17-3-11	25-3-11	32-0-0	34-0-0	38-11-8
2-9-8	4-1-8	3-11-0	6-5-11	8-0-0	6-8-5	2-0-0	4-11-8

Plate Offsets (X,Y)-- [1:0-4-0,0-1-11], [2:0-0-11,0-6-12], [5:0-3-0,0-1-12], [7:0-3-0,0-1-12], [19:0-2-12,0-3-12]

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	0.78	Vert(LL)	0.26	4	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.86	Vert(CT)	-0.44	14-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.28	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 306 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-3: 2x8 SP 2400F 2.0E
BOT CHORD	2x4 SP No.2 *Except* 2-21: 2x6 SP No.2, 2-19: 2x6 SP M 26, 4-18,9-12: 2x4 SP No.3
WEBS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 1-7-8 oc purlins, except end verticals, and 2-0-0 oc purlins (4-10-15 max.): 5-7.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing. Except: 10-0-0 oc bracing: 12-14
WEBS	1 Row at midpt 5-19, 5-17, 6-17, 6-15, 8-15

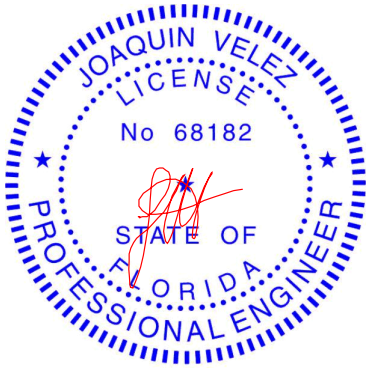
REACTIONS. (size) 1=0-3-8, 11=0-3-8
Max Horz 1=309(LC 9)
Max Uplift 1=-503(LC 12), 11=-454(LC 13)
Max Grav 1=1441(LC 1), 11=1467(LC 1)

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

TOP CHORD	2-25=-831/303, 2-3=-3104/1362, 3-4=-2456/1151, 4-5=-2499/1341, 5-6=-1383/826, 6-7=-1297/775, 7-8=-1559/819, 8-9=-1462/725, 9-10=-1494/638, 10-11=-1440/628
BOT CHORD	2-20=-1227/2849, 19-20=-1238/2878, 4-19=-381/342, 15-17=-465/1360, 14-15=-526/1335
WEBS	3-20=-97/364, 3-19=-961/472, 17-19=-397/1168, 5-19=-723/1312, 6-17=-155/258, 6-15=-356/266, 7-15=-212/527, 8-15=-228/251, 8-14=-256/139, 10-14=-526/1368

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 503 lb uplift at joint 1 and 454 lb uplift at joint 11.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932545
2427461	T13	Piggyback Base	3	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:58:53 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-y9bdA7EL1o6RjGw?TX5TzXit_tRzaMCoILFX_AyqxzW

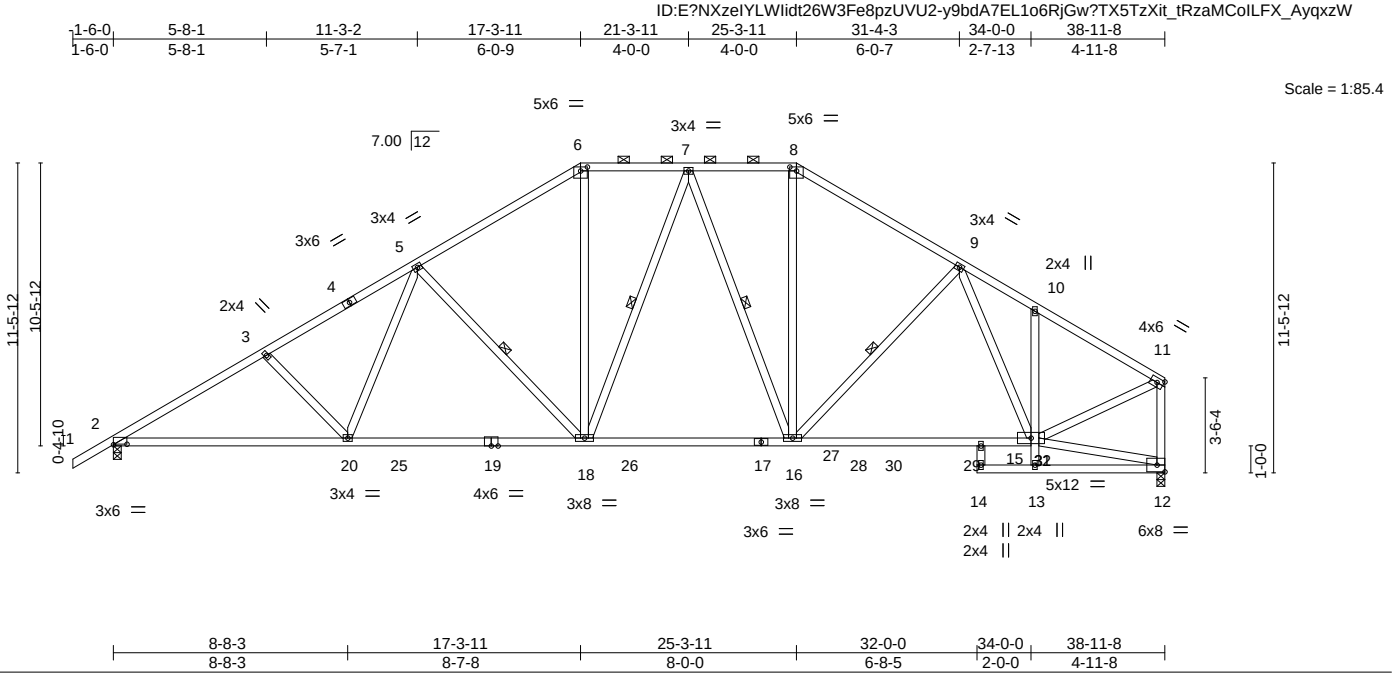


Plate Offsets (X,Y)-- [2:0-6-0,0-0-3], [6:0-3-0,0-1-12], [8:0-3-0,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.46	Vert(LL)	-0.23	18-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.41	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.11	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 271 lb	FT = 20%

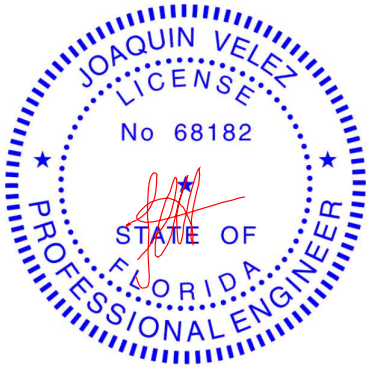
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
10-13: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-14 oc purlins, except end verticals, and 2-0-0 oc purlins (4-10-12 max.): 6-8.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
10-0-0 oc bracing: 13-15
WEBS 1 Row at midpt 5-18, 7-18, 9-16, 7-16

REACTIONS. (size) 2=0-3-8, 12=0-3-8
Max Horz 2=325(LC 9)
Max Uplift 2=-559(LC 12), 12=-455(LC 13)
Max Grav 2=1525(LC 1), 12=1477(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2469/1082, 3-5=-2284/1050, 5-6=-1711/881, 6-7=-1420/826, 7-8=-1325/777, 8-9=-1599/821, 9-10=-1502/726, 10-11=-1530/639, 11-12=-1464/630
BOT CHORD 2-20=-948/2253, 18-20=-728/1871, 16-18=-467/1404, 15-16=-527/1367
WEBS 3-20=-335/269, 5-20=-156/496, 5-18=-672/426, 6-18=-250/616, 7-18=-150/261, 8-16=-213/554, 9-16=-227/250, 9-15=-257/139, 11-15=-527/1407, 7-16=-363/266

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 559 lb uplift at joint 2 and 455 lb uplift at joint 12.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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August 5,2020

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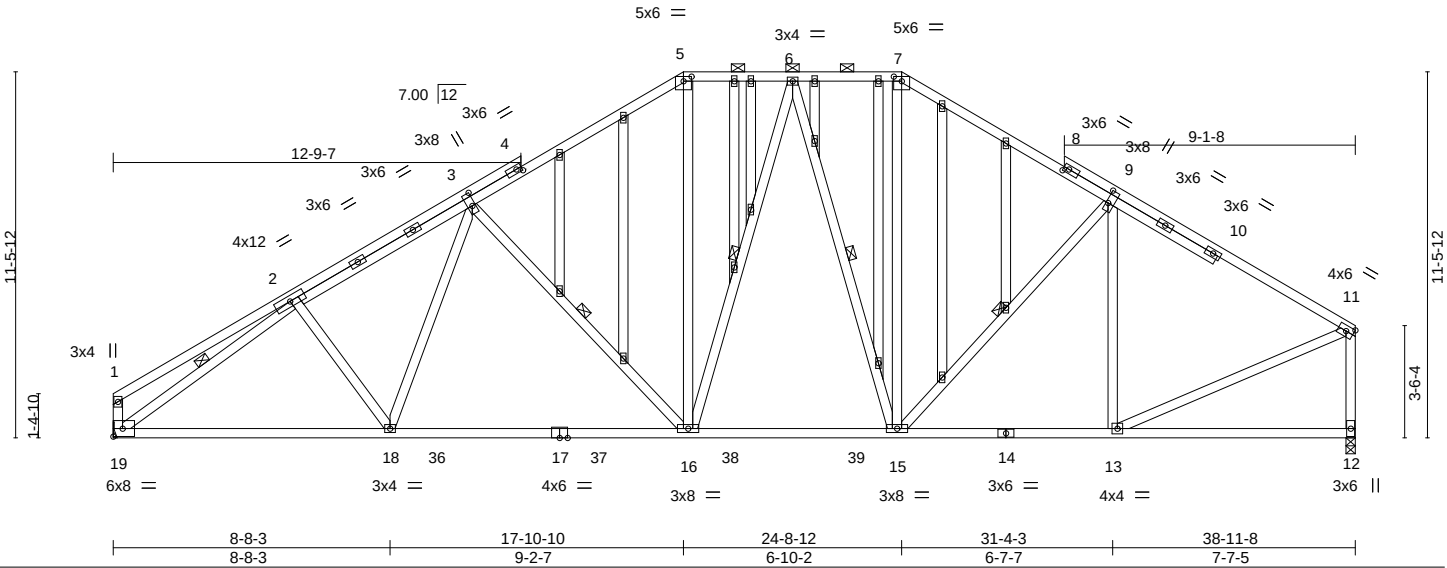
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932546
2427461	T13G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:11 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-QdgRyHSdoKNuu1ISWJQhiKSz18baoTIRR8cUd7yqxzE

5-8-1	11-3-2	17-10-10	21-3-11	24-8-12	31-4-3	38-11-8
5-8-1	5-7-1	6-7-8	3-5-1	3-5-1	6-7-7	7-7-5

Scale = 1:72.3



8-8-3	17-10-10	24-8-12	31-4-3	38-11-8
8-8-3	9-2-7	6-10-2	6-7-7	7-7-5

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

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	0.43	Vert(LL)	-0.26	16-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.44	16-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.07	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 368 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 4-3-1 oc purlins, except end verticals, and 2-0-0 oc purlins (5-0-12 max.): 5-7.
BOT CHORD	Rigid ceiling directly applied or 6-8-7 oc bracing.
WEBS	1 Row at midpt 3-16, 6-16, 6-15, 9-15, 2-19

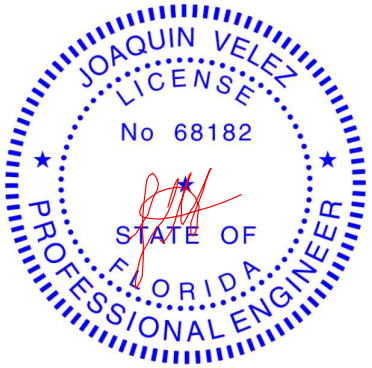
REACTIONS. (size) 19=Mechanical, 12=0-3-8
Max Horz 19=305(LC 9)
Max Uplift 19=-506(LC 12), 12=-470(LC 13)
Max Grav 19=1439(LC 19), 12=1431(LC 1)

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

TOP CHORD	1-2=-260/159, 2-3=-1919/913, 3-5=-1550/839, 5-6=-1304/791, 6-7=-1222/753, 7-9=-1445/803, 9-11=-1488/692, 1-19=-259/174, 11-12=-1363/648
BOT CHORD	18-19=-768/1768, 16-18=-682/1725, 15-16=-426/1258, 13-15=-513/1247
WEBS	3-18=-63/262, 3-16=-622/432, 5-16=-228/525, 6-16=-138/288, 6-15=-349/249, 7-15=-224/477, 9-15=-269/283, 9-13=-374/270, 2-19=-1840/752, 11-13=-545/1341

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 506 lb uplift at joint 19 and 470 lb uplift at joint 12.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

August 5,2020

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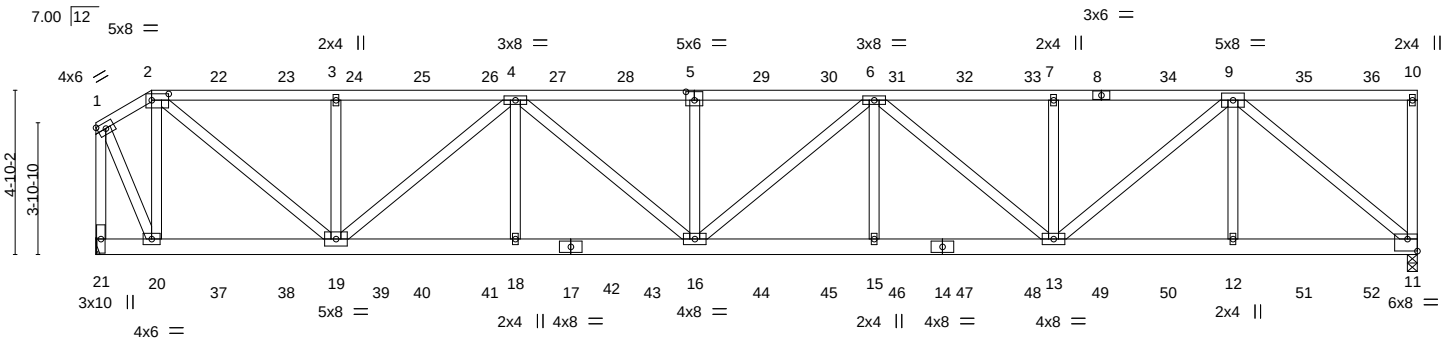
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	T14	Half Hip Girder	1	2	T20932547
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:22 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-bkrbG2aXCjmKijeaf66GfePoPaPytP33yMmZW_yqxz3

1-7-11	7-0-15	12-4-6	17-7-14	22-11-5	28-2-13	33-6-4	38-11-8
1-7-11	5-5-4	5-3-8	5-3-8	5-3-8	5-3-8	5-3-8	5-5-4

Scale = 1:67.9



1-7-11	7-0-15	12-4-6	17-7-14	22-11-5	28-2-13	33-6-4	38-11-8
1-7-11	5-5-4	5-3-8	5-3-8	5-3-8	5-3-8	5-3-8	5-5-4

Plate Offsets (X,Y)-- [2:0-6-0,0-2-4], [5:0-3-0,0-3-0], [11:Edge,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.61	Vert(LL)	0.35	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.39	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.81	Horz(CT)	0.08	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 551 lb	FT = 20%

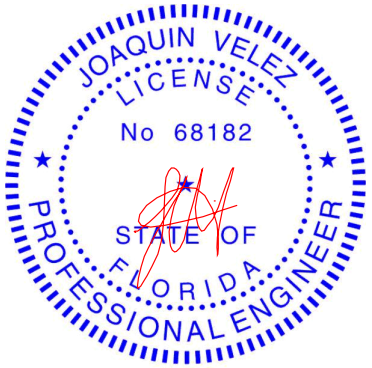
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 11=0-3-8, 21=Mechanical
Max Horz 21=44(LC 8)
Max Uplift 11=-2046(LC 5), 21=-2013(LC 5)
Max Grav 11=2918(LC 1), 21=2912(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1243/860, 2-3=-3828/2707, 3-4=-3828/2707, 4-5=-6360/4477, 5-6=-6359/4475, 6-7=-5105/3589, 7-9=-5105/3589, 1-21=-2920/2005
BOT CHORD 19-20=-718/1003, 18-19=-3940/5587, 16-18=-3940/5587, 15-16=-4381/6226, 13-15=-4381/6226, 12-13=-2169/3085, 11-12=-2169/3085
WEBS 2-20=-2067/1574, 2-19=-2581/3657, 3-19=-595/599, 4-19=-2302/1618, 4-18=-42/431, 4-16=-708/1012, 5-16=-536/542, 6-15=-30/432, 6-13=-1467/1037, 7-13=-524/528, 9-13=-1858/2644, 9-12=-10/460, 9-11=-3998/2807, 1-20=-1749/2509

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 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
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 2046 lb uplift at joint 11 and 2013 lb uplift at joint 21.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: August 5,2020

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 148 lb down and 168 lb up at 1-7-11, 157 lb down and 167 lb up at 3-7-4, 157 lb down and 167 lb up at 5-7-4, 157 lb down and 171 lb up at 7-7-4, 157 lb down and 171 lb up at 9-7-4, 157 lb down and 171 lb up at 11-7-4, 157 lb down and 167 lb up at 13-7-4, 157 lb down and 167 lb up at 15-7-4, 157 lb down and 167 lb up at 17-7-4, 157 lb down and 167 lb up at 19-7-4, 157 lb down and 167 lb up at 21-7-4, 157 lb down and 167 lb up at 23-7-4, 157 lb down and 167 lb up at 25-7-4, 157 lb down and 167 lb up at 27-7-4, 157 lb down and 167 lb up at 29-7-4, 157 lb down and 167 lb up at 31-7-4, 157 lb down and 167 lb up at 33-7-4, and 157 lb down and 167 lb up at 35-7-4, and 157 lb down and 167 lb up at 37-7-4 on top chord, and 78 lb down and 31 lb up at 1-9-10, 78 lb down and 31 lb up at 3-7-4, 78 lb down and 31 lb up at 5-7-4, 80 lb down and 35 lb up at 7-7-4, 80 lb down and 35 lb up at 9-7-4, 80 lb down and 35 lb up at 11-7-4, 78 lb down and 31 lb up at 13-7-4, 78 lb down and 31 lb up at 15-7-4, 78 lb down and 31 lb up at 17-7-4, 78 lb down and 31 lb up at 19-7-4, 78 lb down and 31 lb up at 21-7-4, 78 lb down and 31 lb up at 23-7-4, 78 lb down and 31 lb up at 25-7-4, 78 lb down and 31 lb up at 27-7-4, 78 lb down and 31 lb up at 29-7-4, 78 lb down and 31 lb up at 31-7-4, 78 lb down and 31 lb up at 33-7-4, and 78 lb down and 31 lb up at 35-7-4, and 78 lb down and 31 lb up at 37-7-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54, 2-10=-54, 11-21=-20
   Concentrated Loads (lb)
   Vert: 2=-98(B) 20=-57(B) 16=-57(B) 5=-98(B) 12=-57(B) 9=-98(B) 8=-98(B) 22=-98(B) 23=-98(B) 24=-102(B) 25=-102(B) 26=-102(B) 27=-98(B) 28=-98(B) 29=-98(B) 30=-98(B) 31=-98(B) 32=-98(B) 33=-98(B) 34=-98(B) 35=-98(B) 36=-98(B) 37=-57(B) 38=-57(B) 39=-62(B) 40=-62(B) 41=-62(B) 42=-57(B) 43=-57(B) 44=-57(B) 45=-57(B) 46=-57(B) 47=-57(B) 48=-57(B) 49=-57(B) 50=-57(B) 51=-57(B) 52=-57(B)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932548
2427461	T15	Half Hip	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:26 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-UV465Pd1FxGmBKxLuyBCpUaTIBjDpALftzknfmyqxz?

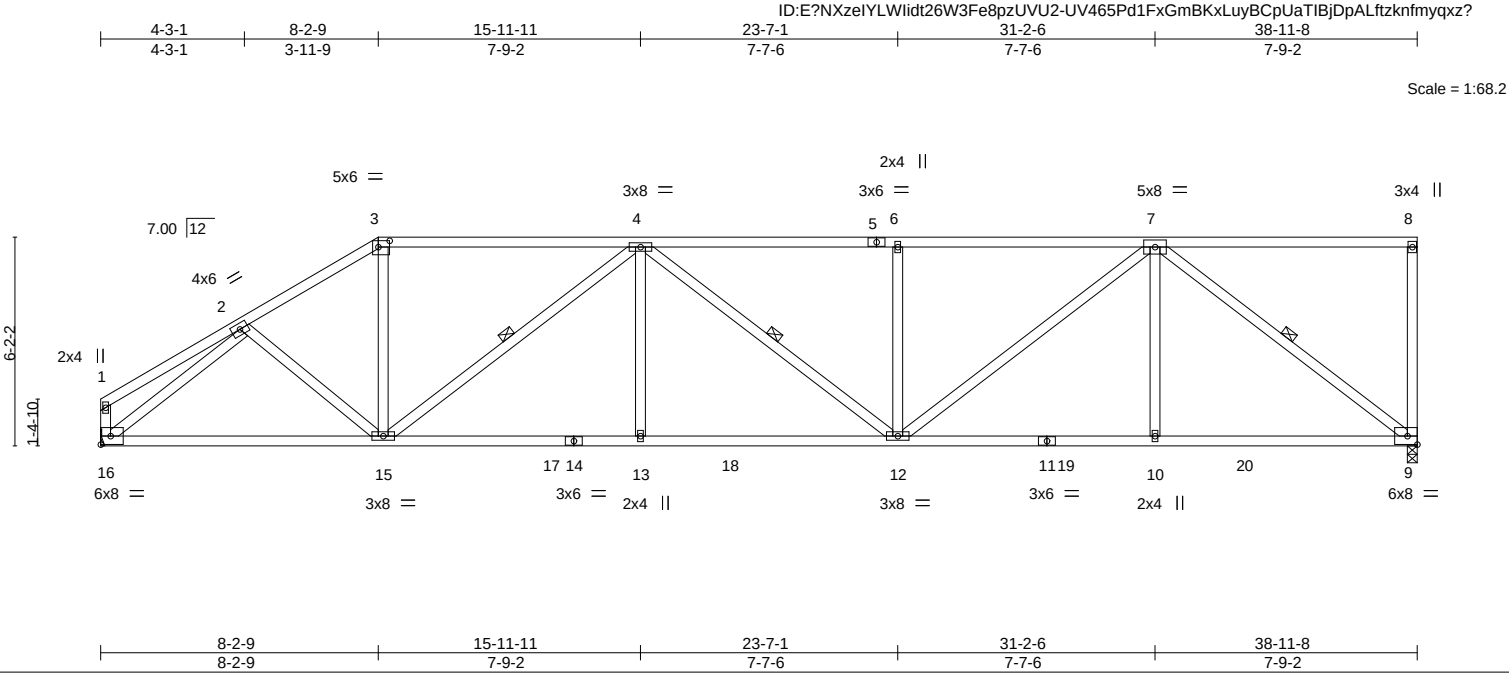


Plate Offsets (X,Y)-- [3:0-4-0,0-2-4]

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	0.68	Vert(LL)	0.19	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.82	Vert(CT)	-0.35	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.12	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 231 lb	FT = 20%

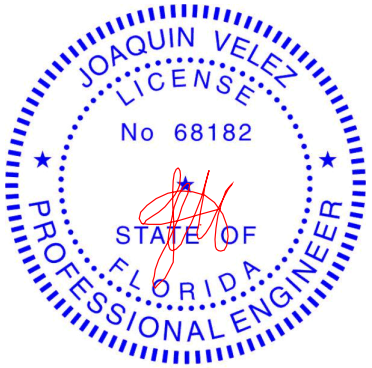
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-5-1 oc bracing.
WEBS 1 Row at midpt 4-15, 4-12, 7-9

REACTIONS. (size) 9=0-3-8, 16=Mechanical
Max Horz 16=230(LC 12)
Max Uplift 9=-657(LC 9), 16=-499(LC 9)
Max Grav 9=1431(LC 1), 16=1431(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1894/913, 3-4=-1606/842, 4-6=-2298/1142, 6-7=-2298/1142
BOT CHORD 15-16=-866/1461, 13-15=-1187/2351, 12-13=-1187/2351, 10-12=-767/1587, 9-10=-767/1587
WEBS 2-15=-184/278, 3-15=-237/659, 4-15=-1033/526, 4-13=0/340, 6-12=-391/299, 7-12=-474/937, 7-10=0/358, 7-9=-1981/956, 2-16=-1786/823

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 657 lb uplift at joint 9 and 499 lb uplift at joint 16.



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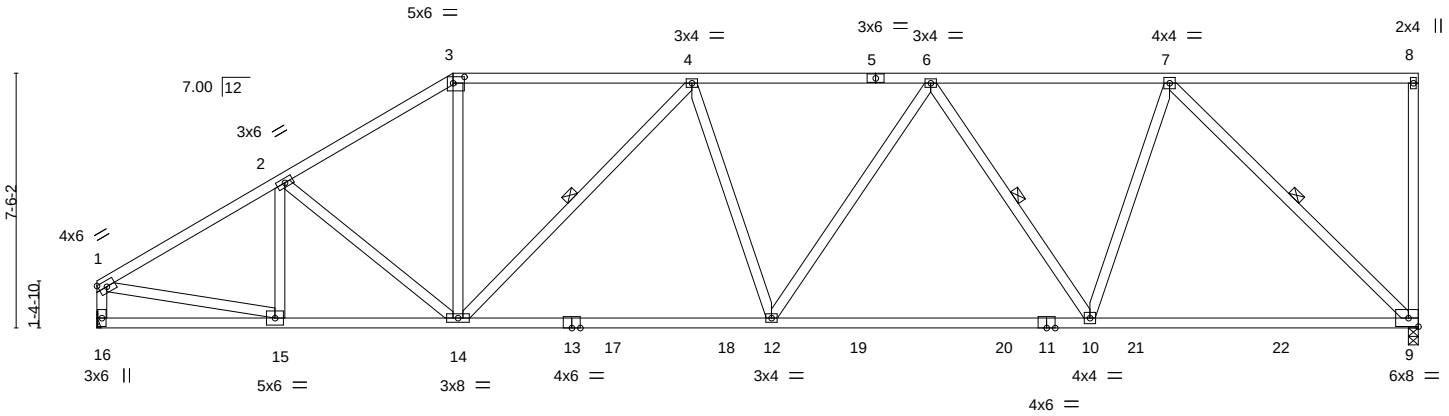
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	T16	Half Hip	1	1	T20932549
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:28 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-QuCsW5fInZWTQe5k0NDguvfr__VtH5ayLHDuieyqxyz

5-4-12	10-6-0	17-6-8	24-7-0	31-7-8	38-11-8
5-4-12	5-1-4	7-0-8	7-0-8	7-0-8	7-4-0

Scale = 1:67.9



5-4-12	10-6-0	19-10-11	29-3-5	38-11-8
5-4-12	5-1-4	9-4-11	9-4-11	9-8-3

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

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	0.54	Vert(LL)	-0.20	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.39	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.07	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 239 lb	FT = 20%

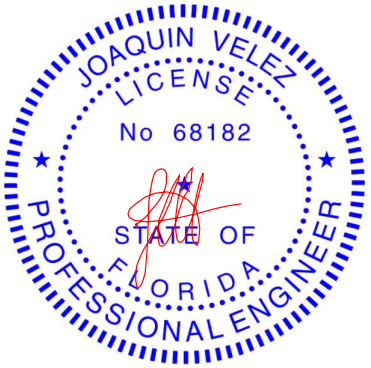
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP M 31
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-9-8 oc bracing.
WEBS 1 Row at midpt 4-14, 6-10, 7-9

REACTIONS. (size) 9=0-3-8, 16=Mechanical
Max Horz 16=295(LC 12)
Max Uplift 9=-651(LC 9), 16=-456(LC 9)
Max Grav 9=1480(LC 2), 16=1431(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1886/831, 2-3=-1846/890, 3-4=-1546/826, 4-6=-2011/969, 6-7=-1530/701, 1-16=-1371/630
BOT CHORD 15-16=-344/333, 14-15=-923/1572, 12-14=-1009/1974, 10-12=-925/1866, 9-10=-610/1242
WEBS 2-15=-255/165, 3-14=-230/656, 4-14=-681/401, 6-12=-80/284, 6-10=-661/411, 7-10=-295/931, 7-9=-1733/856, 1-15=-605/1501

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 651 lb uplift at joint 9 and 456 lb uplift at joint 16.



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

August 5,2020

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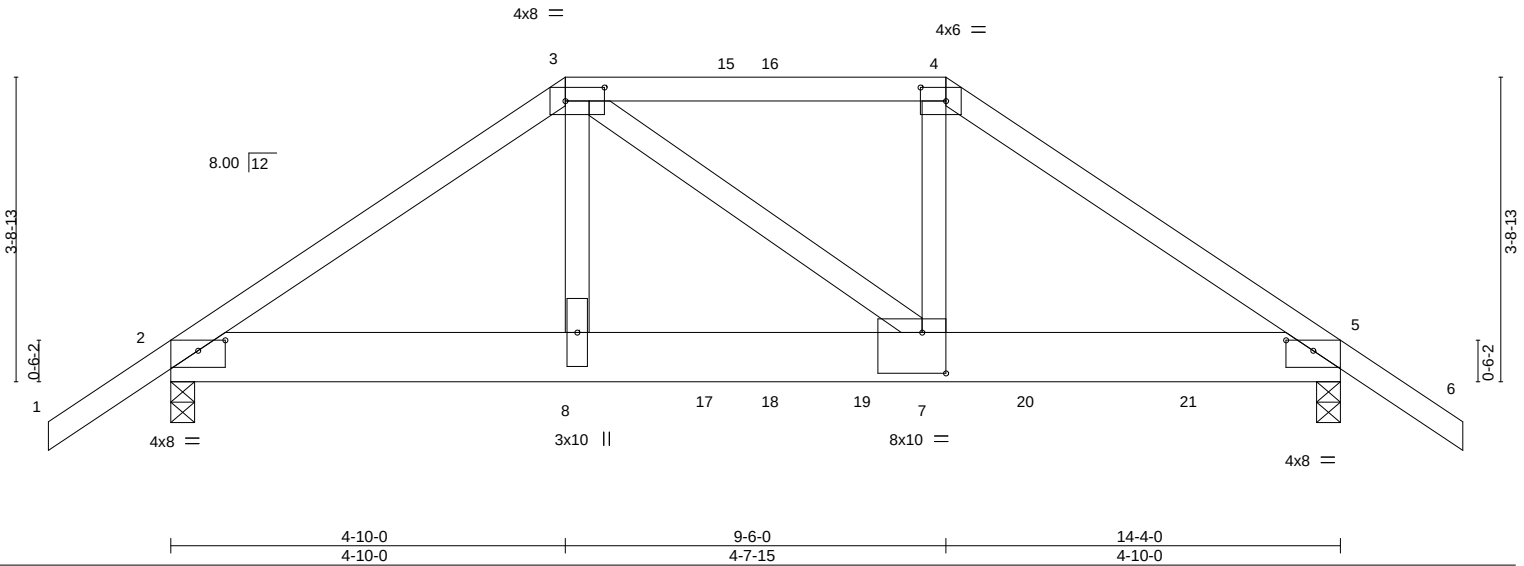
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	T17	Hip Girder	1	2	T20932550
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:31 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-rTu_97hA4Uu2H6qIhVnNWXHLtCWZUVfO1FSYJzyqxyw

-1-6-0 | 4-10-0 | 9-6-0 | 14-4-0 | 15-10-0
1-6-0 | 4-10-0 | 4-7-15 | 4-10-0 | 1-6-0

Scale = 1:28.2



4-10-0 | 9-6-0 | 14-4-0
4-10-0 | 4-7-15 | 4-10-0

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

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	0.62	Vert(LL)	0.10	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.13	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.72	Horz(CT)	0.02	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 180 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3

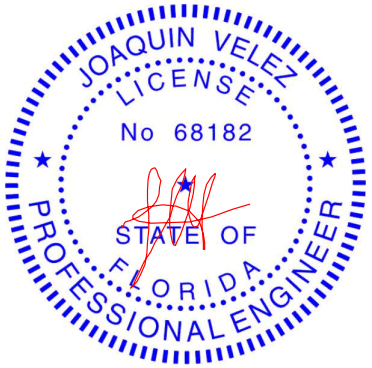
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 5=0-3-8
Max Horz 2=-132(LC 6)
Max Uplift 2=-2028(LC 8), 5=-2579(LC 9)
Max Grav 2=3669(LC 1), 5=5456(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-6334/3542, 3-4=-6437/3323, 4-5=-7592/3836
BOT CHORD 2-8=-2911/5198, 7-8=-2975/5299, 5-7=-3103/6268
WEBS 3-8=-1472/2298, 3-7=-410/1459, 4-7=-1818/3806

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: 2x8 - 2 rows staggered at 0-4-0 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 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
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 2028 lb uplift at joint 2 and 2579 lb uplift at joint 5.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 128 lb down and 134 lb up at 4-10-0, 138 lb down and 130 lb up at 6-10-12, and 138 lb down and 130 lb up at 7-5-4, and 128 lb down and 134 lb up at 9-6-0 on top chord, and 233 lb down and 133 lb up at 4-10-0, 2892 lb down and 2033 lb up at 6-7-9, 63 lb down and 25 lb up at 6-10-12, 63 lb down and 25 lb up at 7-5-4, 1411 lb down and 519 lb up at 8-6-12, 233 lb down and 133 lb up at 9-5-4, and 1411 lb down and 476 lb up at 10-6-12, and 1411 lb down and 526 lb up at 12-6-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard



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Date: August 5,2020

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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: 1-3=-54, 3-4=-54, 4-6=-54, 9-12=-20
   Concentrated Loads (lb)
   Vert: 3=-78(F) 4=-78(F) 8=-186(F) 7=-186(F) 15=-78(F) 16=-78(F) 17=-2940(F=-48, B=-2892) 18=-48(F) 19=-1411(B) 20=-1411(B) 21=-1411(B)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932551
2427461	T18	Hip Girder	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:32 2020 Page 1
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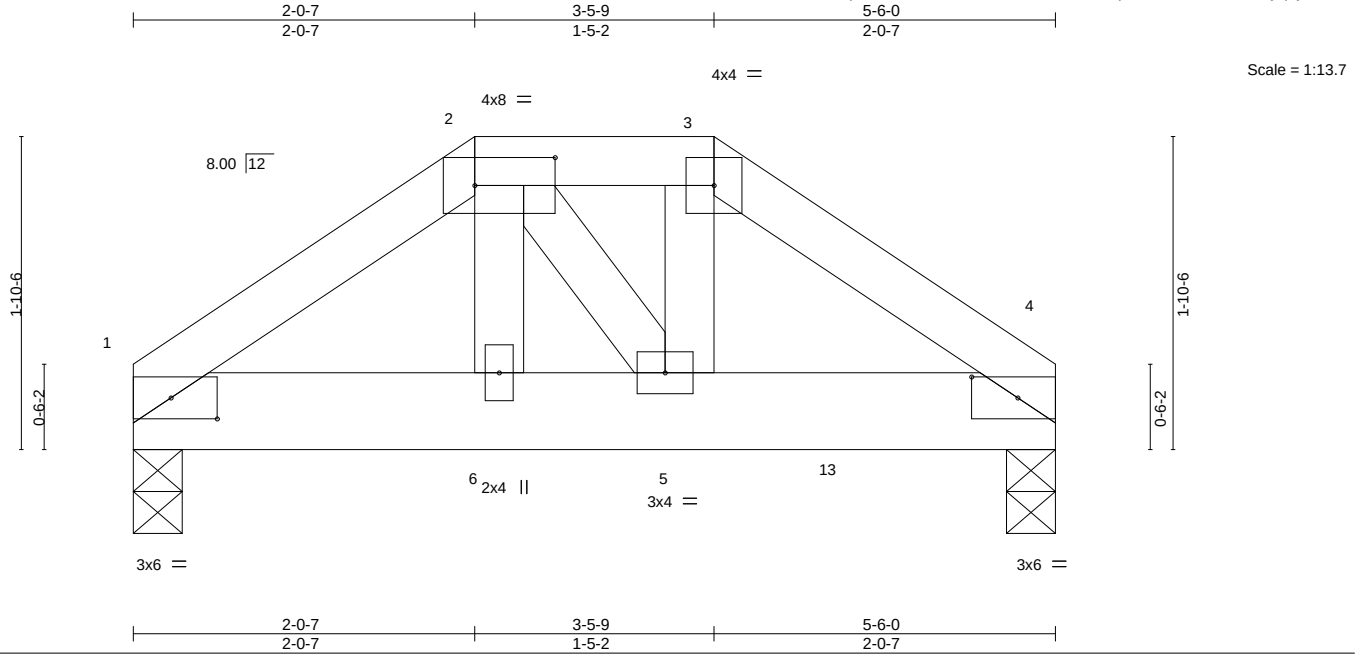


Plate Offsets (X,Y)-- [1:0-3-5,0-1-8], [2:0-5-12,0-2-0], [4:0-3-5,0-1-8]

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	0.06	Vert(LL)	-0.00	5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	-0.01	5	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.07	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 28 lb	FT = 20%

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

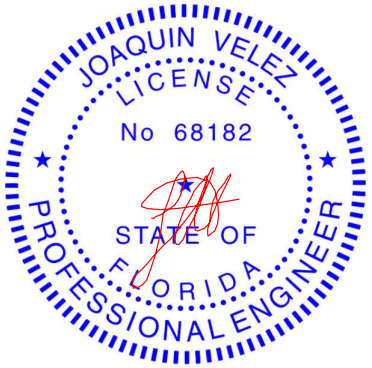
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-3-8, 4=0-3-8
Max Horz 1=-43(LC 32)
Max Uplift 1=-166(LC 8), 4=-141(LC 9)
Max Grav 1=604(LC 1), 4=454(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-500/167, 2-3=-436/164, 3-4=-512/169
BOT CHORD 1-6=-129/415, 5-6=-132/433, 4-5=-117/420

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 166 lb uplift at joint 1 and 141 lb uplift at joint 4.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 73 lb down and 45 lb up at 2-0-7, and 73 lb down and 45 lb up at 3-5-9 on top chord, and 225 lb down and 47 lb up at 0-0-0, 85 lb down and 36 lb up at 2-0-7, 218 lb down and 55 lb up at 2-3-4, and 85 lb down and 36 lb up at 3-4-13, and 218 lb down and 55 lb up at 4-3-4 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=-54, 3-4=-54, 7-10=-20
Concentrated Loads (lb)
Vert: 2=-1(B) 3=-1(B) 6=-212(F=-218, B=6) 5=6(B) 7=-225(F) 13=-218(F)



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932552
2427461	V01	GABLE	1	1	Job Reference (optional)

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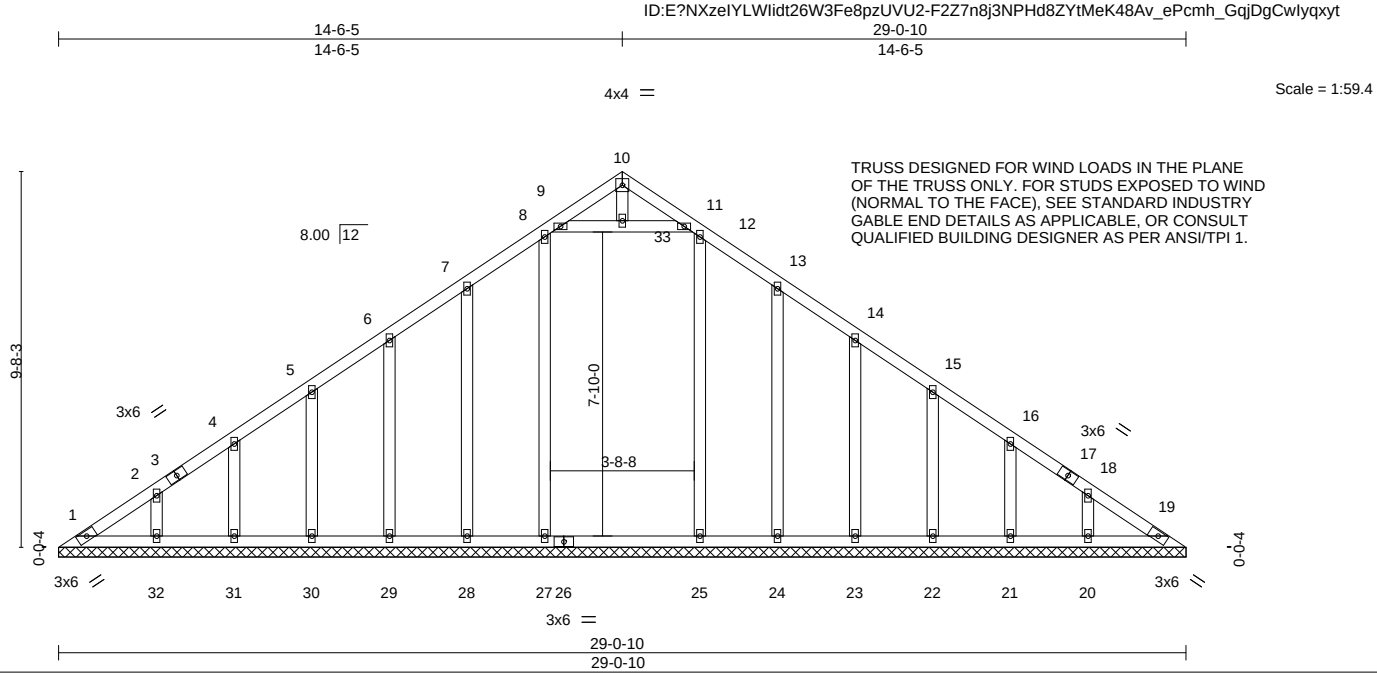


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.01	19	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 180 lb	FT = 20%

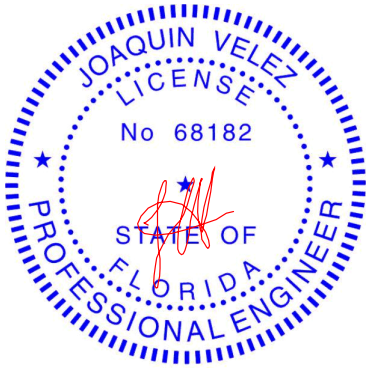
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

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. All bearings 29-0-10.
(lb) - Max Horz 1=-292(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 27, 19 except 28=-116(LC 12), 29=-111(LC 12), 30=-113(LC 12), 31=-107(LC 12), 32=-128(LC 12), 24=-116(LC 13), 23=-112(LC 13), 22=-113(LC 13), 21=-107(LC 13), 20=-128(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 28, 29, 30, 31, 32, 24, 23, 22, 21, 20, 19 except 27=330(LC 19), 25=280(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-264/229, 7-8=-228/276, 12-13=-228/254

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 27, 19 except (jt=lb) 28=116, 29=111, 30=113, 31=107, 32=128, 24=116, 23=112, 22=113, 21=107, 20=128.



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Date:

August 5,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932553
2427461	V02	Valley	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:38 2020 Page 1
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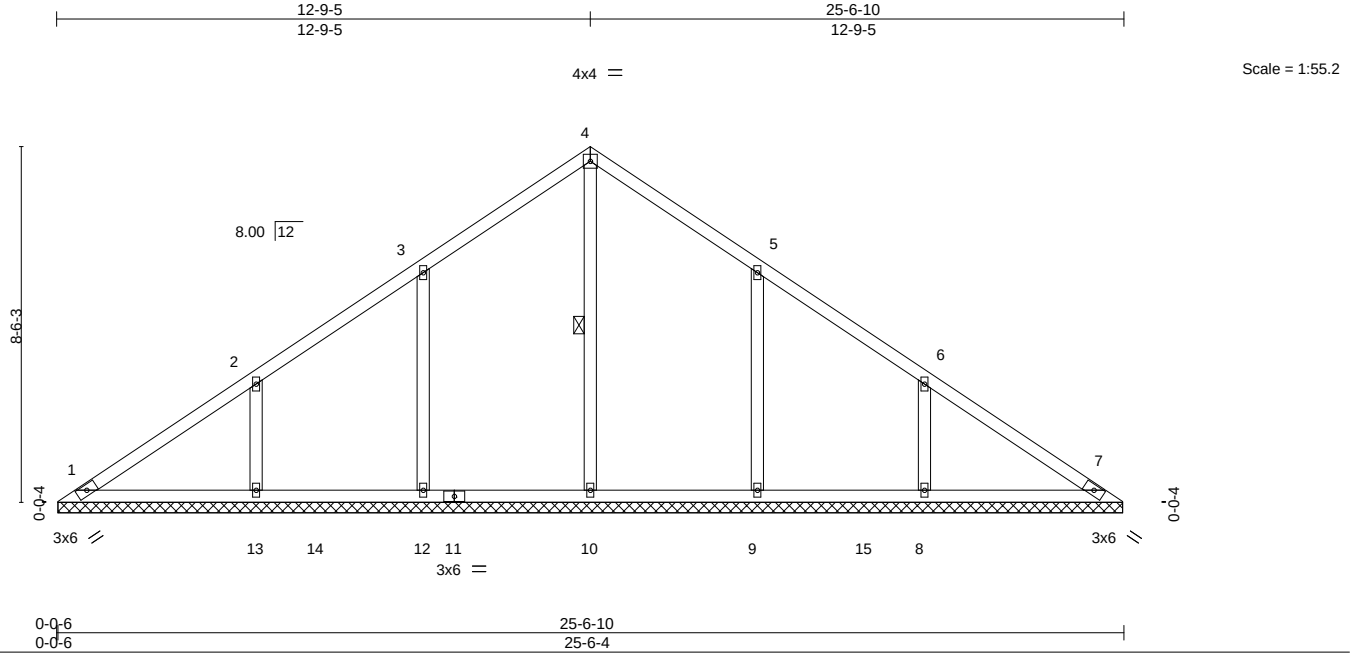


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.20	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 117 lb	FT = 20%

LUMBER-

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

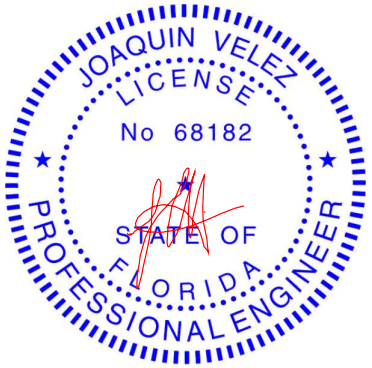
BRACING-

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 4-10

REACTIONS. All bearings 25-5-14.
(lb) - Max Horz 1=-255(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7 except 12=-230(LC 12), 13=-261(LC 12), 9=-229(LC 13), 8=-262(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 10=389(LC 22), 12=454(LC 19), 13=408(LC 19), 9=454(LC 20), 8=409(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-280/256, 2-13=-315/278, 5-9=-280/255, 6-8=-315/278

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7 except (jt=lb) 12=230, 13=261, 9=229, 8=262.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932554
2427461	V03	Valley	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:39 2020 Page 1
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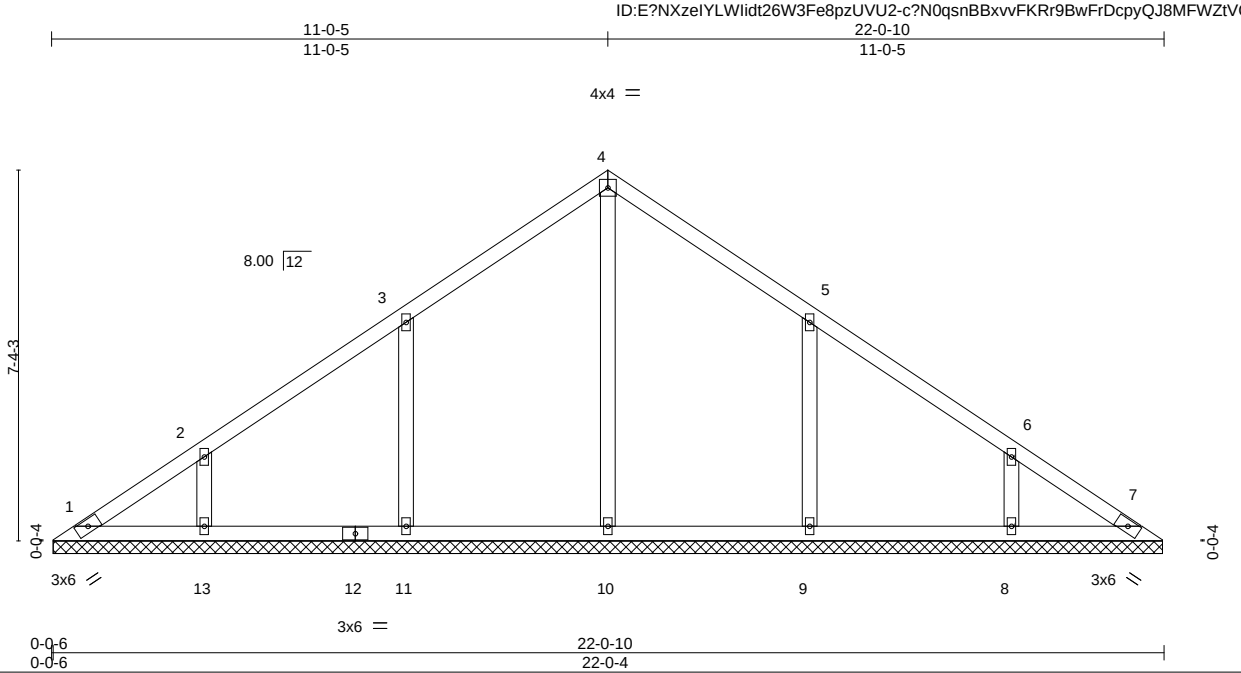


LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 97 lb	FT = 20%

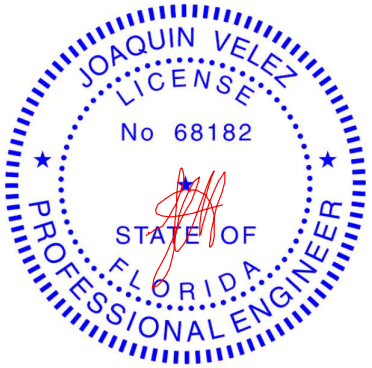
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 21-11-14.
(lb) - Max Horz 1=-219(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7 except 11=-247(LC 12), 13=-198(LC 12), 9=-246(LC 13), 8=-198(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 10=381(LC 22), 11=418(LC 19), 13=288(LC 19), 9=417(LC 20), 8=288(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-11=-299/272, 5-9=-299/272

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7 except (jt=lb) 11=247, 13=198, 9=246, 8=198.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932555
2427461	V04	Valley	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:41 2020 Page 1
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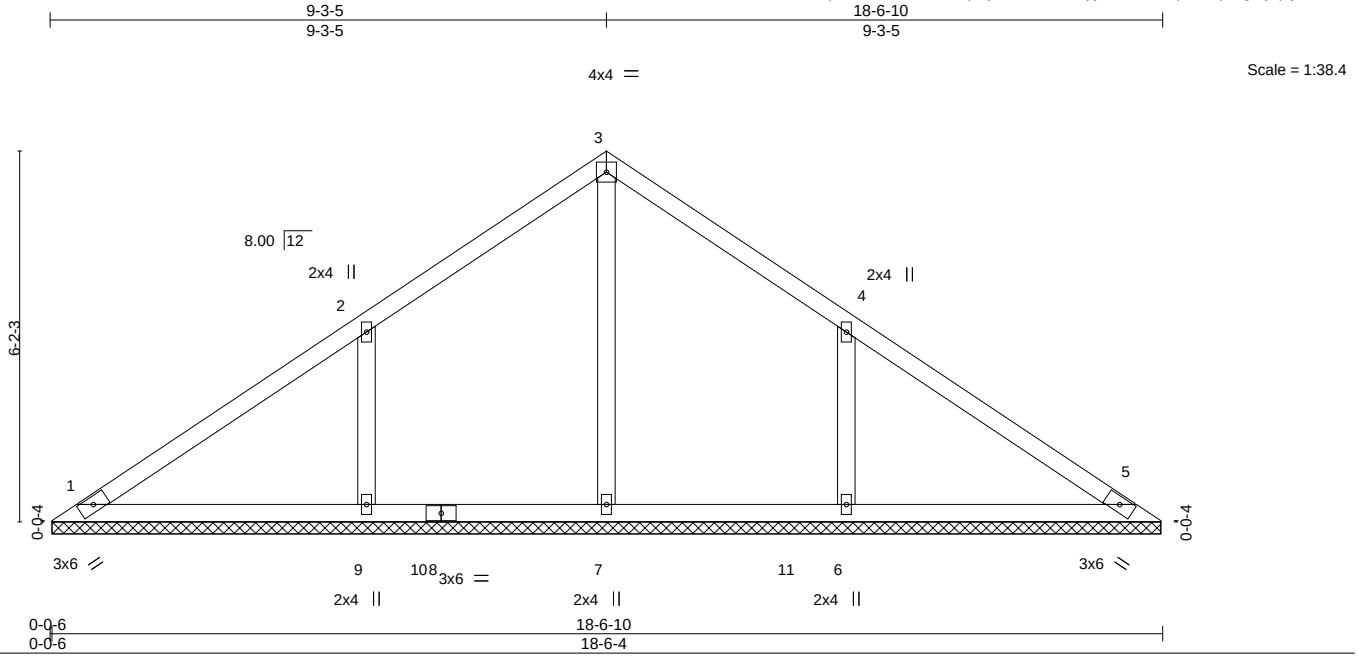


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.18	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 76 lb	FT = 20%

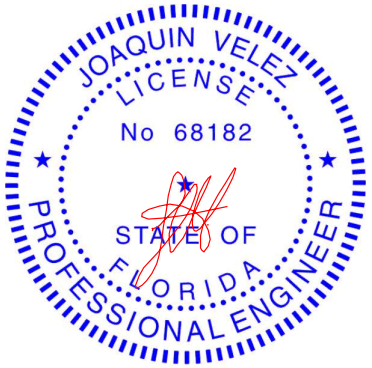
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 18-5-14.
(lb) - Max Horz 1=-183(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 9=-303(LC 12), 6=-303(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=337(LC 22), 9=474(LC 19), 6=474(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-359/320, 4-6=-359/320

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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) 1, 5 except (jt=lb) 9=303, 6=303.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES. T20932556
2427461	V05	Valley	1	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:42 2020 Page 1
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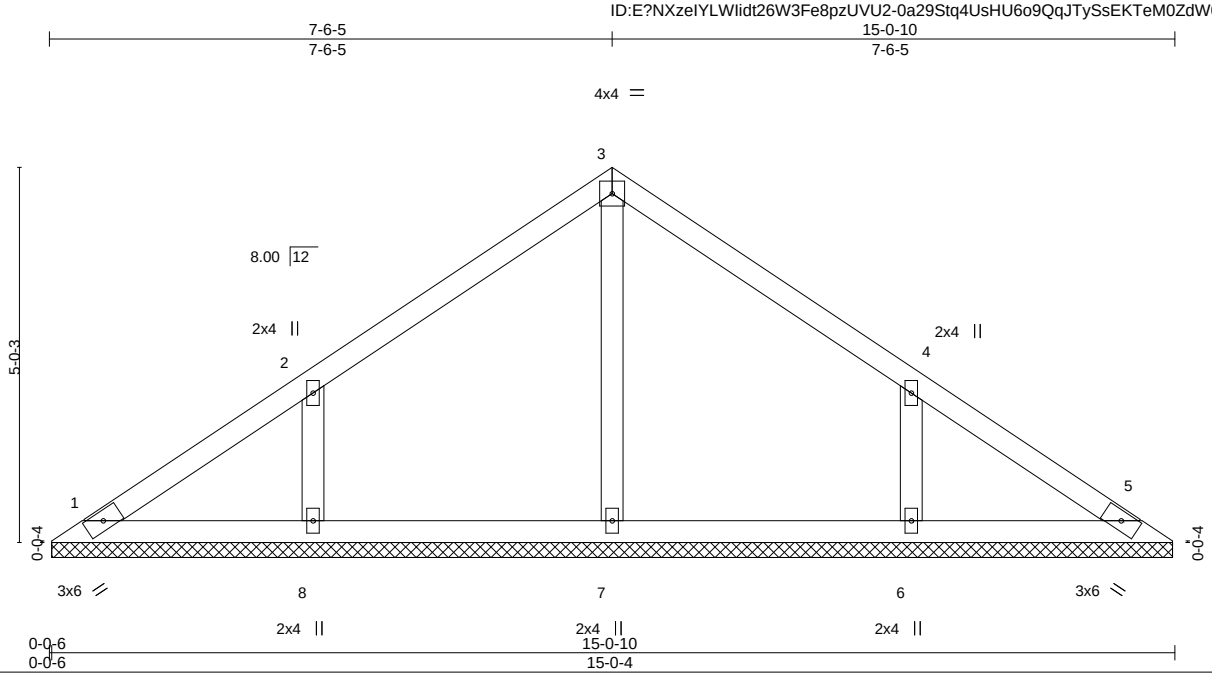


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 59 lb	FT = 20%

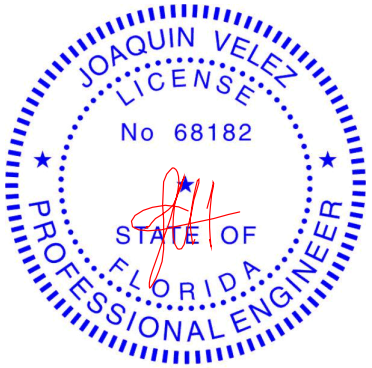
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 14-11-14.
(lb) - Max Horz 1=-146(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 8=-238(LC 12), 6=-238(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=345(LC 19), 6=345(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-286/257, 4-6=-286/256

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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) 1, 5 except (jt=lb) 8=238, 6=238.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	V06	Valley	1	1	T20932557
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:44 2020 Page 1
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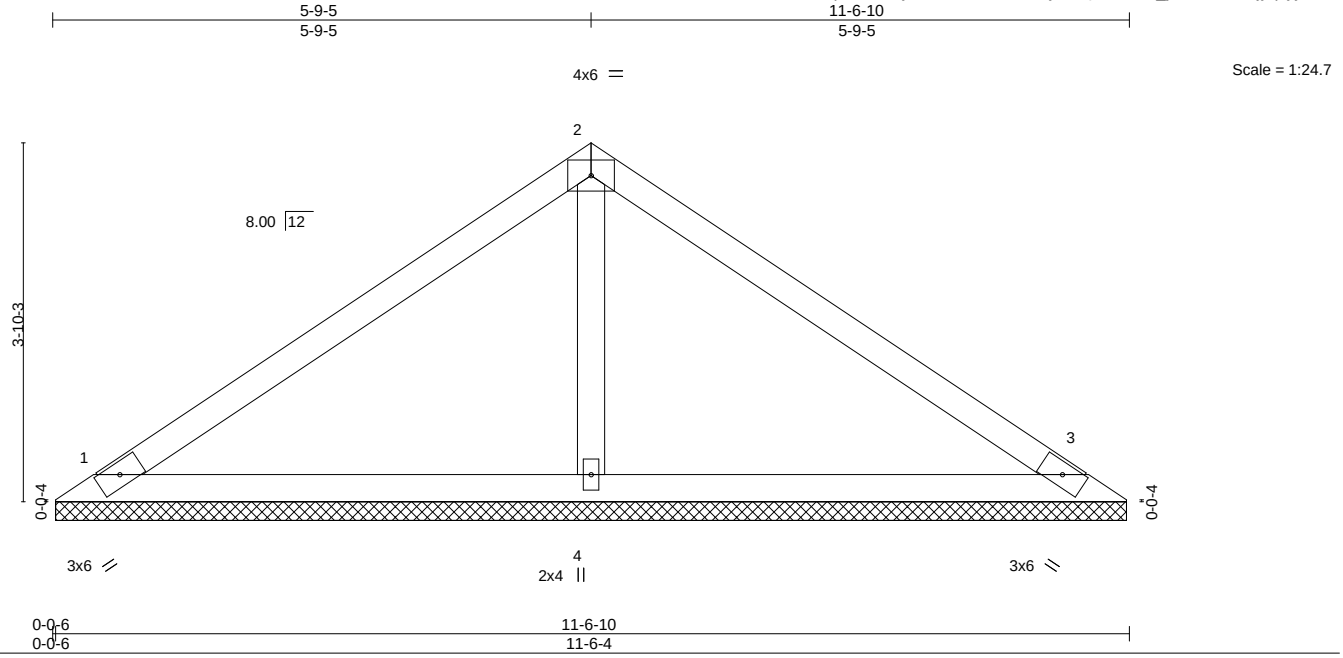


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.34	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.27	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 41 lb	FT = 20%

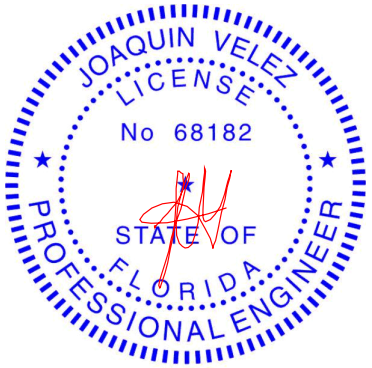
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. (size) 1=11-5-14, 3=11-5-14, 4=11-5-14
Max Horz 1=110(LC 9)
Max Uplift 1=-86(LC 12), 3=-101(LC 13), 4=-110(LC 12)
Max Grav 1=192(LC 1), 3=193(LC 20), 4=400(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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) 1 except (jt=lb) 3=101, 4=110.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	V07	Valley	1	1	T20932558
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:45 2020 Page 1
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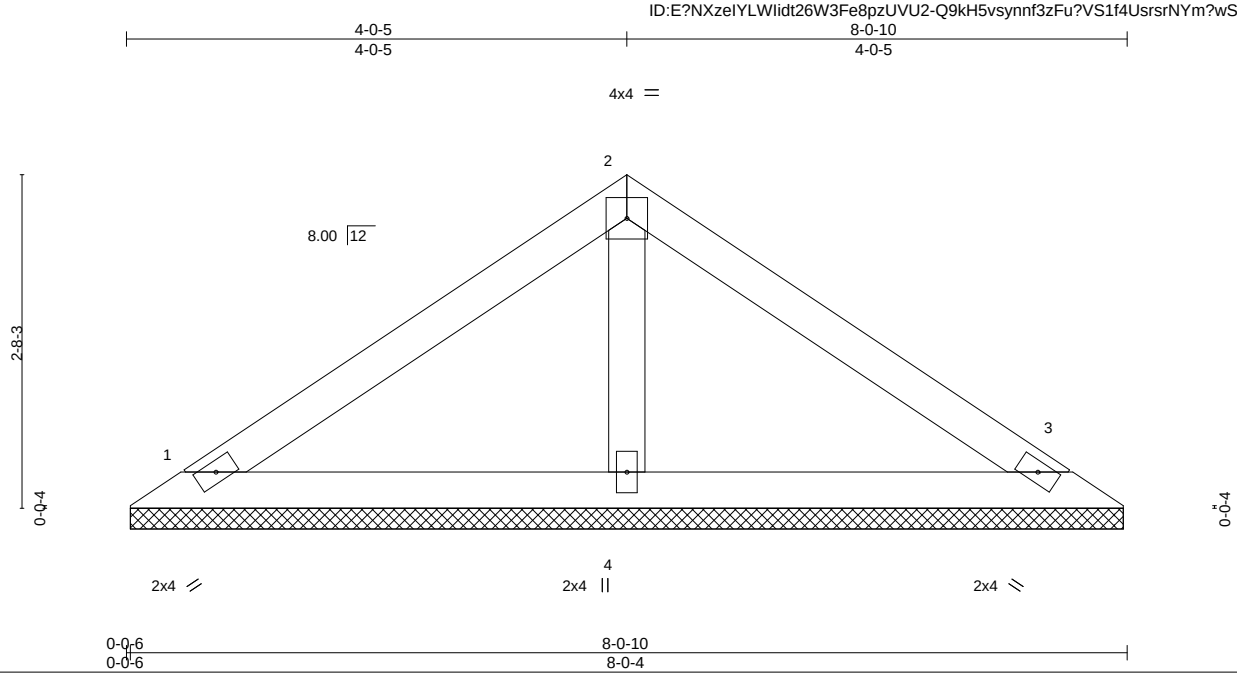


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 28 lb	FT = 20%

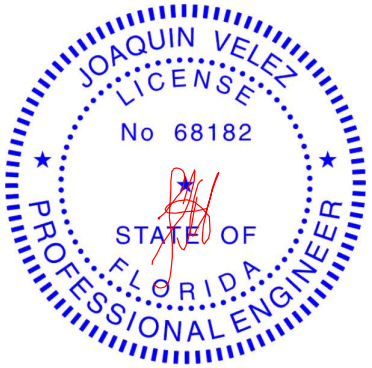
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. (size) 1=7-11-14, 3=7-11-14, 4=7-11-14
Max Horz 1=-74(LC 10)
Max Uplift 1=-58(LC 12), 3=-67(LC 13), 4=-74(LC 12)
Max Grav 1=128(LC 1), 3=130(LC 20), 4=268(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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) 1, 3, 4.



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Date:

August 5,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MILLER RES.
2427461	V08	Valley	1	1	T20932559
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Aug 5 08:59:46 2020 Page 1
ID:E?NXzeIYLWIidt26W3Fe8pzUVU2-uLIfIFtaY5nwaPTB39YudiP2yFiHVShbU5arLbyqxyh

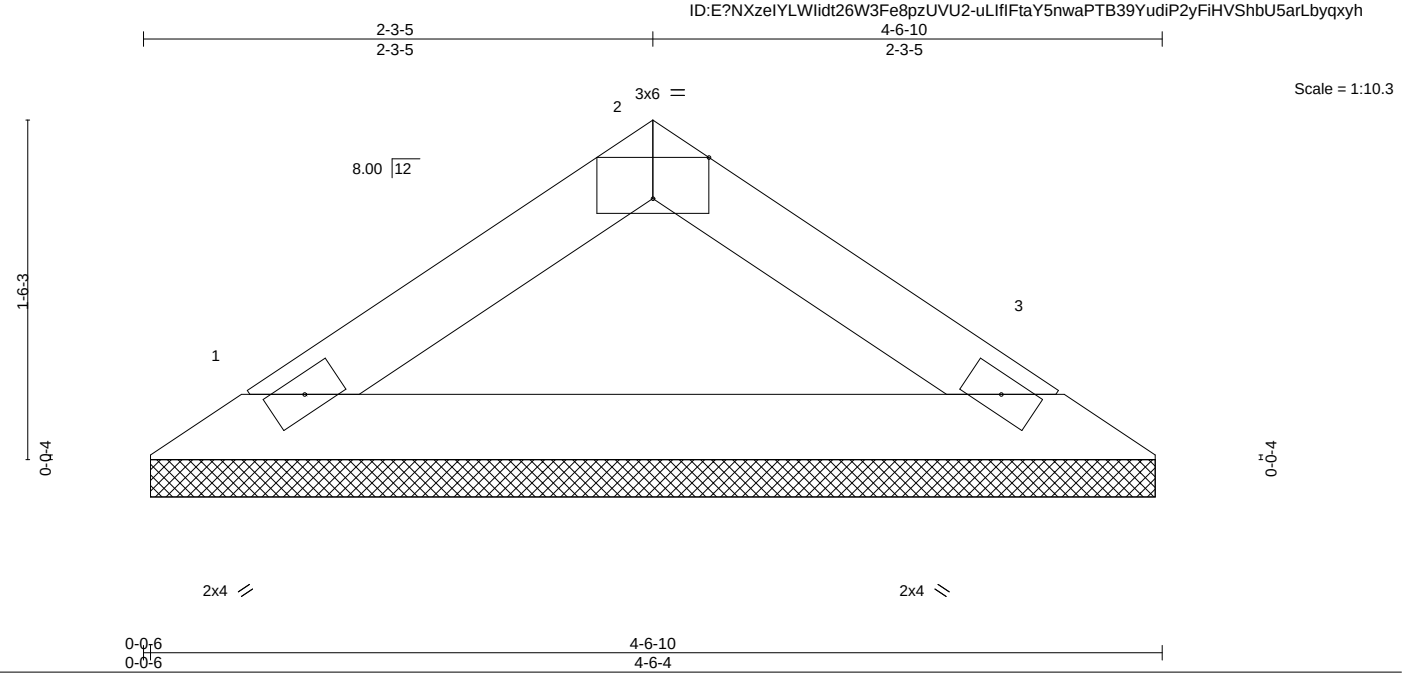


Plate Offsets (X,Y)-- [2:0-3-0,Edge]

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	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 13 lb	FT = 20%

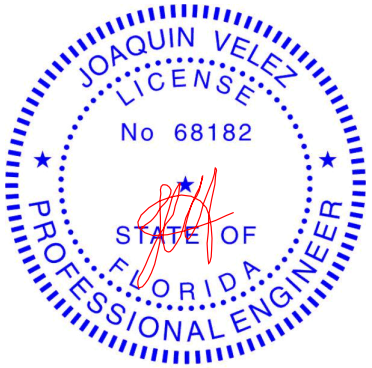
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=4-5-14, 3=4-5-14
Max Horz 1=37(LC 9)
Max Uplift 1=-48(LC 12), 3=-48(LC 13)
Max Grav 1=133(LC 1), 3=133(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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) 1, 3.



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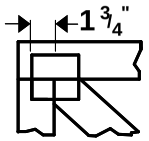
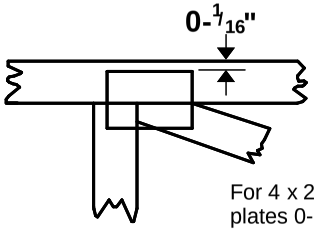
Symbols

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.

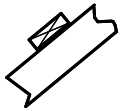
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

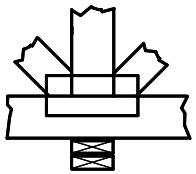
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

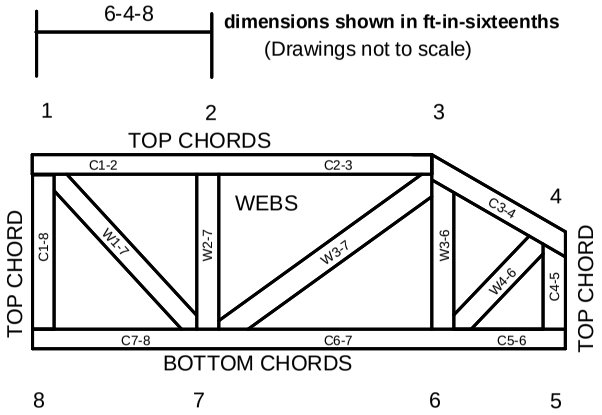


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.