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

RE: 2368253 - AMIRA BLDRS. - ZASCIURINSKAS RES.

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

Site Information:
Customer Info: Amira Bldrs. Project Name: Zasciurinskas Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: Parcel ID #16-7S-17-10006-238, N/A
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:

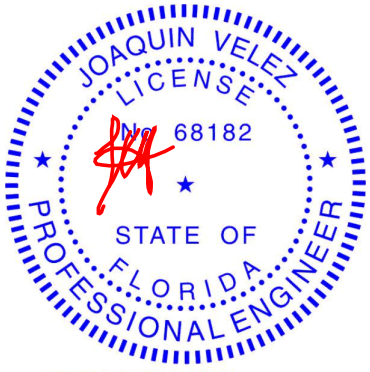
General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 50 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	T20466090	CJ01	6/15/20	23	T20466112	T02G	6/15/20
2	T20466091	CJ03	6/15/20	24	T20466113	T03	6/15/20
3	T20466092	CJ05	6/15/20	25	T20466114	T03G	6/15/20
4	T20466093	EJ01	6/15/20	26	T20466115	T04	6/15/20
5	T20466094	EJ02	6/15/20	27	T20466116	T05	6/15/20
6	T20466095	EJ03	6/15/20	28	T20466117	T05G	6/15/20
7	T20466096	EJ04	6/15/20	29	T20466118	T06	6/15/20
8	T20466097	EJ05	6/15/20	30	T20466119	T07	6/15/20
9	T20466098	EJ06	6/15/20	31	T20466120	T08	6/15/20
10	T20466099	EJ07	6/15/20	32	T20466121	T09	6/15/20
11	T20466100	EJ08	6/15/20	33	T20466122	T09G	6/15/20
12	T20466101	HJ03	6/15/20	34	T20466123	T10	6/15/20
13	T20466102	HJ09	6/15/20	35	T20466124	T11	6/15/20
14	T20466103	HJ10	6/15/20	36	T20466125	T12	6/15/20
15	T20466104	PB01	6/15/20	37	T20466126	T12G	6/15/20
16	T20466105	PB01G	6/15/20	38	T20466127	T13	6/15/20
17	T20466106	PB02	6/15/20	39	T20466128	T14	6/15/20
18	T20466107	PB02G	6/15/20	40	T20466129	T14G	6/15/20
19	T20466108	PB03	6/15/20	41	T20466130	T15	6/15/20
20	T20466109	PB03G	6/15/20	42	T20466131	T16	6/15/20
21	T20466110	T01	6/15/20	43	T20466132	T17	6/15/20
22	T20466111	T02	6/15/20	44	T20466133	T17G	6/15/20

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
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 15,2020

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: 2368253 - AMIRA BLDRS. - ZASCIURINSKAS RES.

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

Site Information:

Customer Info: Amira Bldrs. Project Name: Zasciurinskas Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: Parcel ID #16-7S-17-10006-238, N/A
City: Columbia Cty State: FL

No.	Seal#	Truss Name	Date
45	T20466134	T18	6/15/20
46	T20466135	T19	6/15/20
47	T20466136	T19G	6/15/20
48	T20466137	T20	6/15/20
49	T20466138	T21	6/15/20
50	T20466139	T21G	6/15/20

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	CJ01	Jack-Open	6	1	T20466090
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:34 2020 Page 1
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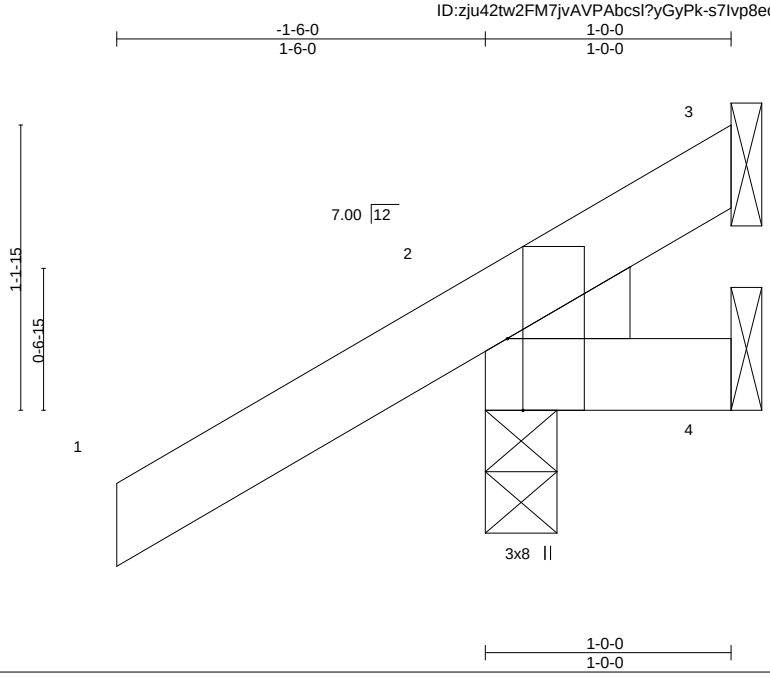


Plate Offsets (X,Y)-- [2:0-0-5,0-0-9], [2:0-0-10,0-5-1], [2:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.02	Vert(CT)	0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 7 lb	FT = 20%

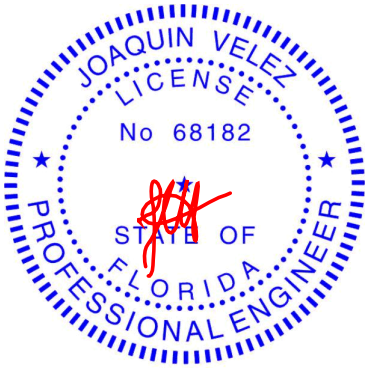
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=64(LC 12)
Max Uplift 3=-7(LC 1), 2=-95(LC 12), 4=-21(LC 19)
Max Grav 3=7(LC 16), 2=179(LC 1), 4=20(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; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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 100 lb uplift at joint(s) 3, 2, 4.



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June 15,2020

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	CJ03	Jack-Open	6	1	T20466091
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:34 2020 Page 1
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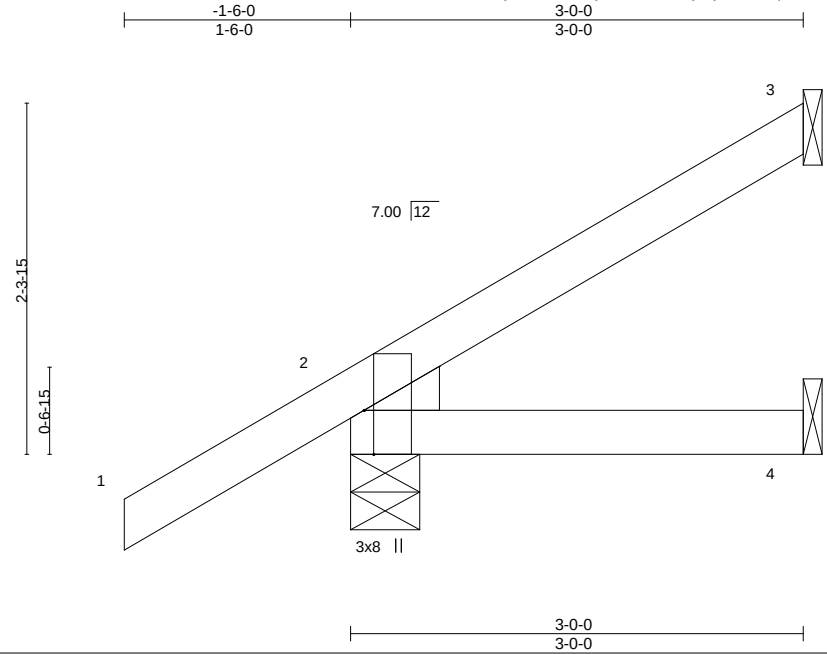


Plate Offsets (X,Y)-- [2:0-0-5,0-0-9], [2:0-0-10,0-5-1], [2:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	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%

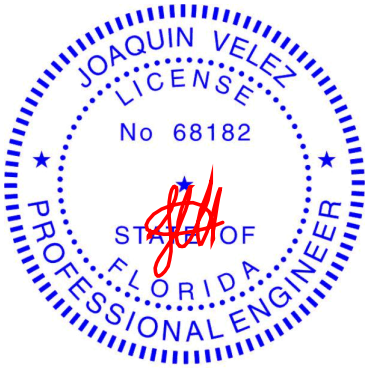
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=120(LC 12)
Max Uplift 3=-61(LC 12), 2=-83(LC 12), 4=-29(LC 9)
Max Grav 3=64(LC 19), 2=210(LC 1), 4=50(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; 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
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 100 lb uplift at joint(s) 3, 2, 4.



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June 15,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	CJ05	Jack-Open	6	1	T20466092
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:35 2020 Page 1
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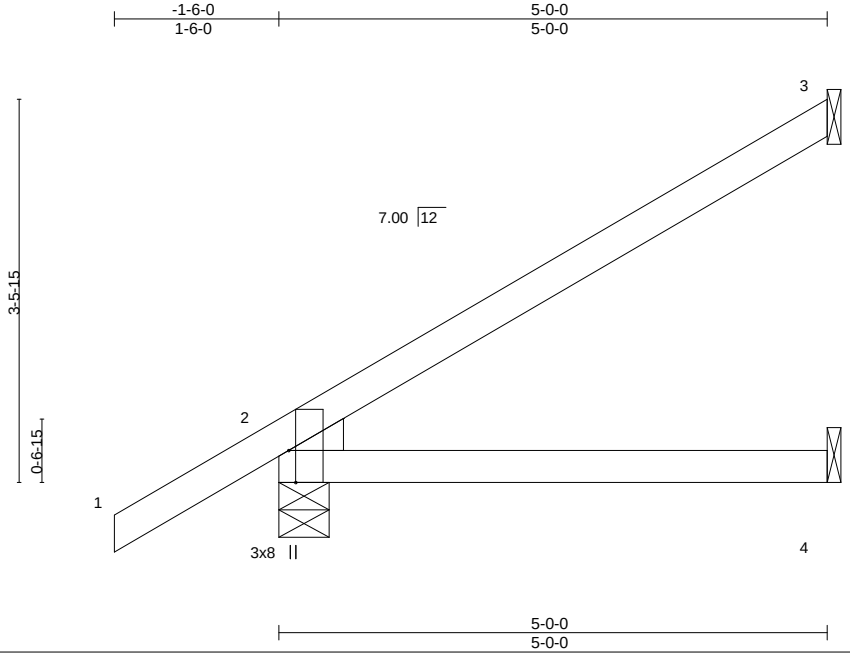


Plate Offsets (X,Y)-- [2:0-0-5,0-0-9], [2:0-0-10,0-5-1], [2:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	0.09	4-7	>680	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	0.08	4-7	>781	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: 20 lb	FT = 20%

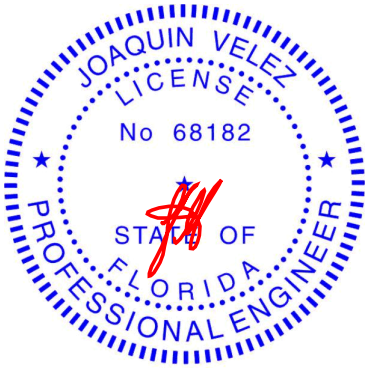
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=177(LC 12)
Max Uplift 3=-113(LC 12), 2=-95(LC 12), 4=-49(LC 9)
Max Grav 3=122(LC 19), 2=276(LC 1), 4=88(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; 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
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 100 lb uplift at joint(s) 2, 4 except (jt=lb) 3=113.



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Date:
June 15,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	EJ01	Jack-Partial	28	1	T20466093
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:36 2020 Page 1
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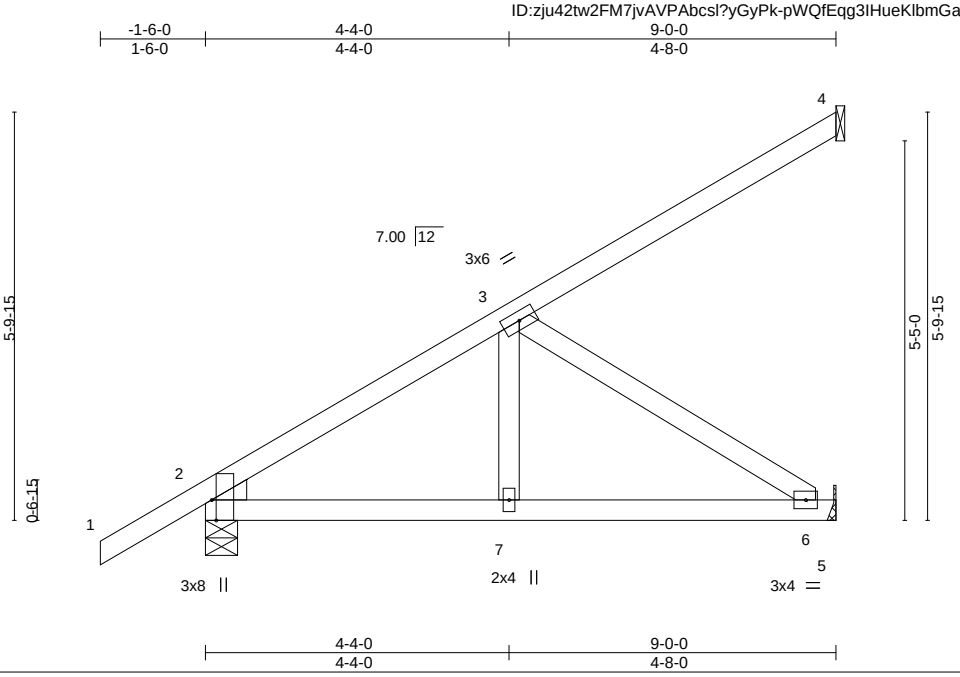


Plate Offsets (X,Y)-- [2:0-0-5,0-0-9], [2:0-0-10,0-5-1], [2:0-3-8,Edge]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	-0.02	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.26	Vert(CT)	-0.04	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.26	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 44 lb	FT = 20%

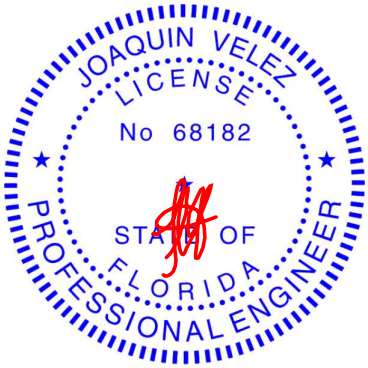
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 4=Mechanical, 2=0-5-8, 5=Mechanical
Max Horz 2=290(LC 12)
Max Uplift 4=-104(LC 12), 2=-126(LC 12), 5=-125(LC 12)
Max Grav 4=115(LC 19), 2=418(LC 1), 5=245(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-398/51
BOT CHORD 2-7=-239/408, 6-7=-239/408
WEBS 3-6=-483/284

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) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=104, 2=126, 5=125.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 15,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	EJ02	Jack-Partial	2	1	T20466094
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:37 2020 Page 1
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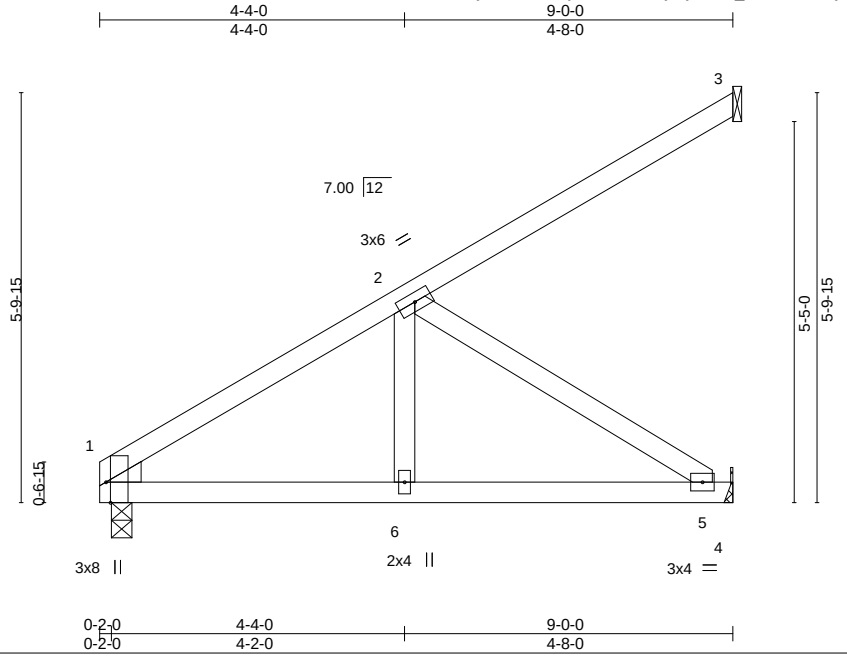


Plate Offsets (X,Y)-- [1:0-0-5,0-0-9], [1:0-0-10,0-5-1], [1:0-3-8,Edge]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	-0.02	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.26	Vert(CT)	-0.04	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 41 lb	FT = 20%

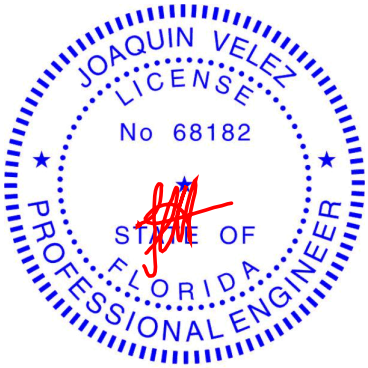
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 3=Mechanical, 4=Mechanical, 1=0-3-8
Max Horz 1=254(LC 12)
Max Uplift 3=-103(LC 12), 4=-131(LC 12), 1=-72(LC 12)
Max Grav 3=114(LC 19), 4=253(LC 19), 1=331(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-413/62
BOT CHORD 1-6=-252/400, 5-6=-252/400
WEBS 2-5=-475/299

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) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 3=103, 4=131.



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June 15,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	EJ03	Jack-Partial	2	1	T20466095
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:38 2020 Page 1
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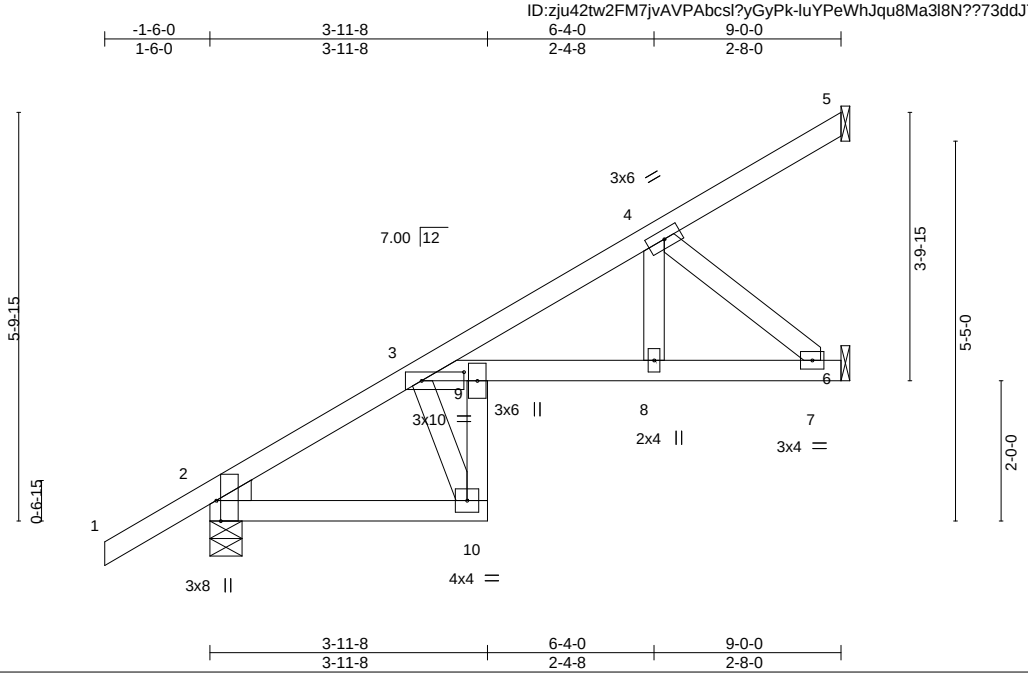


Plate Offsets (X,Y)-- [2:0-0-5,0-0-9], [2:0-0-10,0-5-1], [2:0-3-8,Edge], [3:0-7-4,0-1-8]

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	0.35	Vert(LL)	0.14	8-9	>769	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.88	Vert(CT)	-0.16	8-9	>660	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.09	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 46 lb	FT = 20%

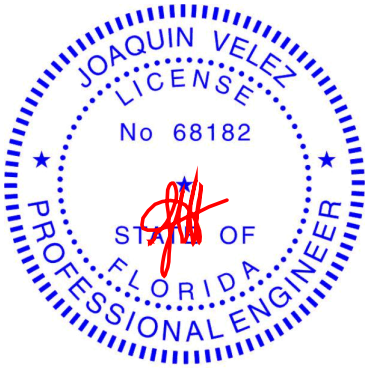
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
9-10: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-6-11 oc bracing.

REACTIONS. (size) 5=Mechanical, 2=0-5-8, 6=Mechanical
Max Horz 2=290(LC 12)
Max Uplift 5=-42(LC 12), 2=-126(LC 12), 6=-188(LC 12)
Max Grav 5=40(LC 19), 2=418(LC 1), 6=320(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-12=-389/55, 3-4=-501/207
BOT CHORD 2-10=-251/421, 9-10=-523/910, 3-9=-290/480, 8-9=-322/543, 7-8=-322/543
WEBS 3-10=-931/567, 4-7=-703/417, 4-8=-189/423

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 100 lb uplift at joint(s) 5 except (jt=lb) 2=126, 6=188.



Joaquin Velez PE No.68182
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Date:
June 15,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	EJ04	Jack-Partial	2	1	T20466096
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:39 2020 Page 1
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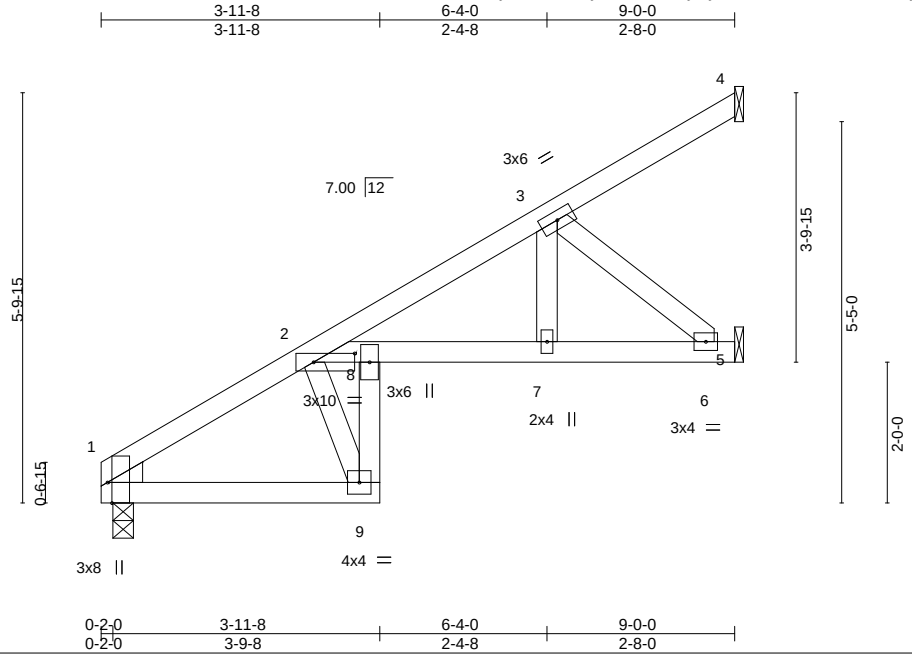


Plate Offsets (X,Y)-- [1:0-3-8,Edge], [1:0-0-10,0-5-1], [1:0-0-5,0-0-9], [2:0-7-0,0-1-8]

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	0.36	Vert(LL)	0.15	7-8	>731	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.16	7-8	>666	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.09	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 43 lb	FT = 20%

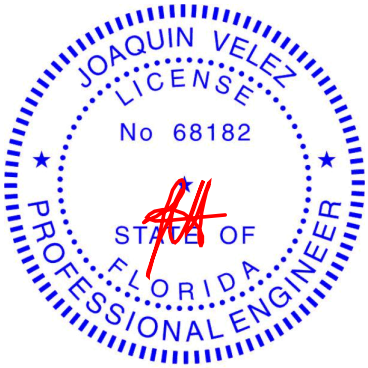
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
8-9: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-2-15 oc bracing.

REACTIONS. (size) 4=Mechanical, 5=Mechanical, 1=0-3-8
Max Horz 1=254(LC 12)
Max Uplift 4=-41(LC 12), 5=-194(LC 12), 1=-72(LC 12)
Max Grav 4=39(LC 19), 5=328(LC 19), 1=331(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-411/72, 2-3=-516/218
BOT CHORD 1-9=-270/410, 8-9=-566/885, 2-8=-297/476, 7-8=-333/537, 6-7=-333/537
WEBS 2-9=-908/607, 3-7=-202/415, 3-6=-695/431

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 100 lb uplift at joint(s) 4, 1 except (jt=lb) 5=194.



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June 15,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	EJ05	Jack-Partial Girder	2	1	T20466097
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:40 2020 Page 1
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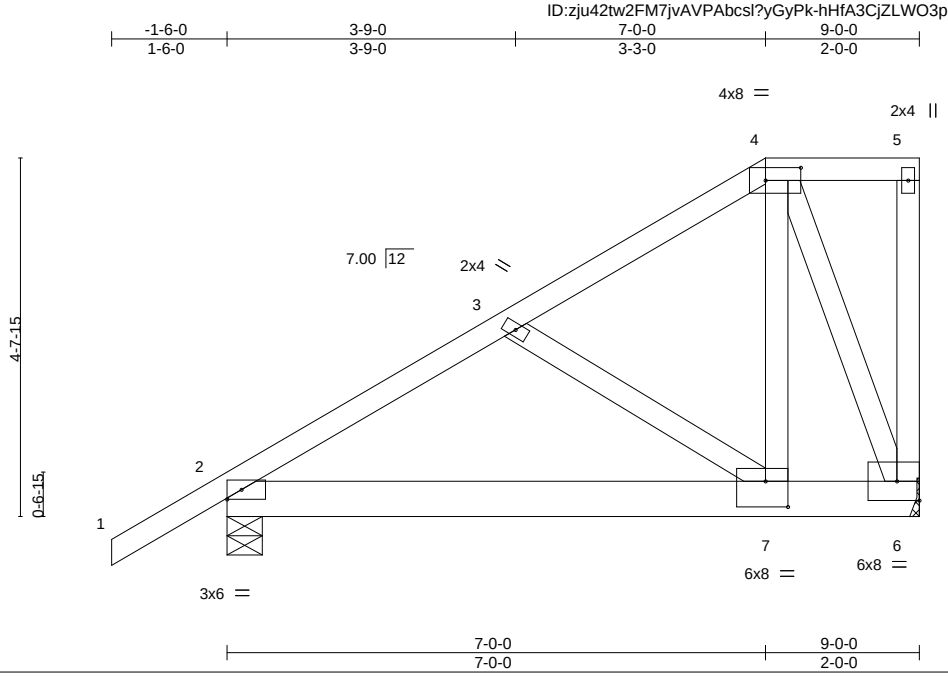


Plate Offsets (X,Y)-- [4:0-5-8,0-2-0], [7:0-3-8,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	-0.02	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.21	Vert(CT)	-0.04	7-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.28	Horz(CT)	-0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 62 lb	FT = 20%

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

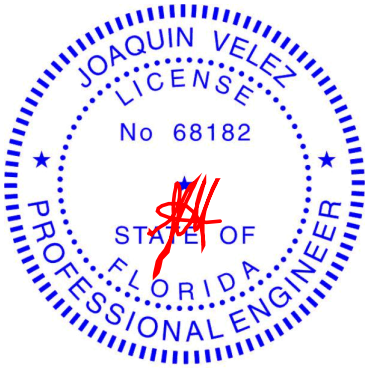
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-5-8, 6=Mechanical
Max Horz 2=236(LC 8)
Max Uplift 2=-238(LC 8), 6=-507(LC 8)
Max Grav 2=503(LC 1), 6=678(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-526/252, 3-4=-350/179
BOT CHORD 2-7=-356/446, 6-7=-203/275
WEBS 4-7=-334/614, 4-6=-693/512

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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=238, 6=507.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 151 lb down and 164 lb up at 7-0-0 on top chord, and 337 lb down and 330 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-5=-54, 6-8=-20
Concentrated Loads (lb)
Vert: 7=-337(F) 4=-108(F)



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	EJ06	Jack-Open	2	1	T20466098
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:41 2020 Page 1
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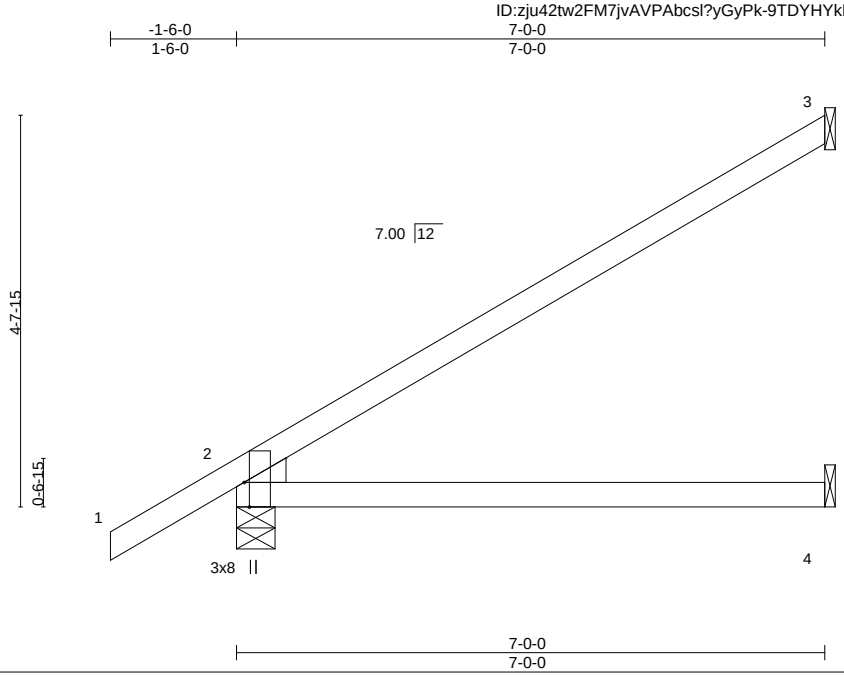


Plate Offsets (X,Y)-- [2:0-0-5,0-0-9], [2:0-0-10,0-5-1], [2:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.68	Vert(LL)	0.18	4-7	>468	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.25	4-7	>332	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.04	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 26 lb	FT = 20%

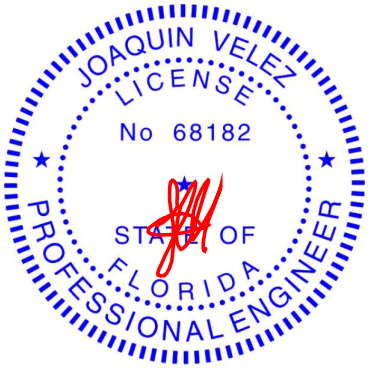
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=233(LC 12)
Max Uplift 3=-162(LC 12), 2=-110(LC 12), 4=-15(LC 12)
Max Grav 3=185(LC 19), 2=346(LC 1), 4=126(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; 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 100 lb uplift at joint(s) 4 except (jt=lb) 3=162, 2=110.



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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	EJ07	Half Hip Girder	1	1	T20466099
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:42 2020 Page 1
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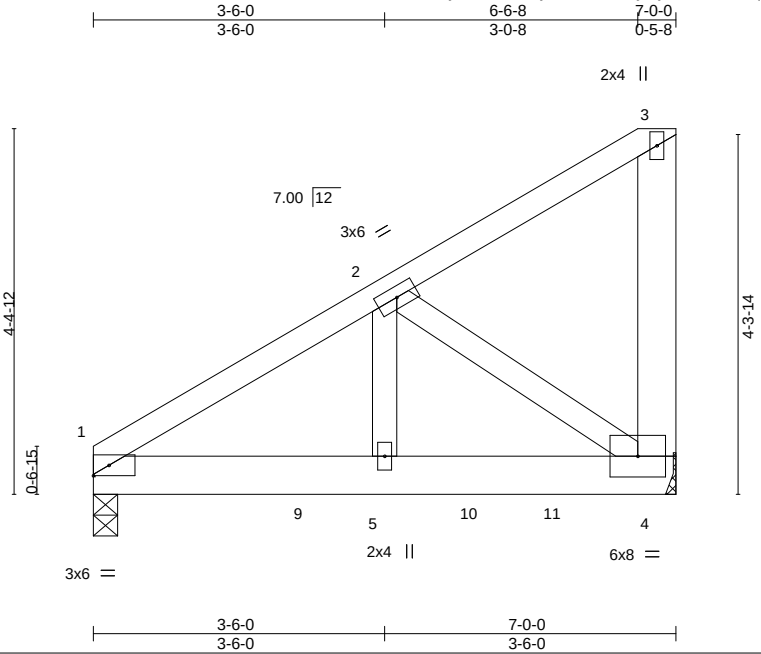


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	Vert(LL)	0.01	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.25	Vert(CT)	-0.01	5-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.22	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 45 lb	FT = 20%

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

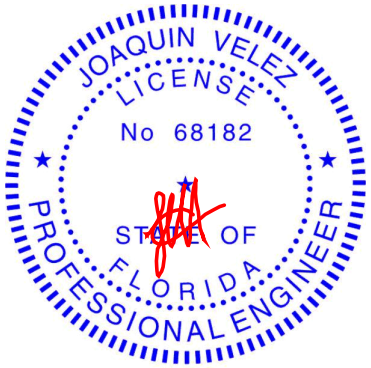
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-3-8, 4=Mechanical
Max Horz 1=192(LC 8)
Max Uplift 1=-359(LC 8), 4=-973(LC 8)
Max Grav 1=771(LC 1), 4=990(LC 32)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-738/363
BOT CHORD 1-5=-447/607, 4-5=-447/607
WEBS 2-5=-368/551, 2-4=-714/515

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; porch left and right exposed; 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 100 lb uplift at joint(s) except (jt=lb) 1=359, 4=973.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 105 lb down and 181 lb up at 6-9-4 on top chord, and 273 lb down and 146 lb up at 0-7-4, 269 lb down and 150 lb up at 2-7-4, 270 lb down and 144 lb up at 4-7-4, and 346 lb down and 313 lb up at 5-7-4, and 266 lb down and 289 lb up at 6-9-4 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, 4-6=-20
Concentrated Loads (lb)
Vert: 3=-104(B) 4=-266(B) 8=-273(F) 9=-269(F) 10=-270(F) 11=-60(F)



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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	EJ08	Jack-Open	6	1	T20466100
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:42 2020 Page 1
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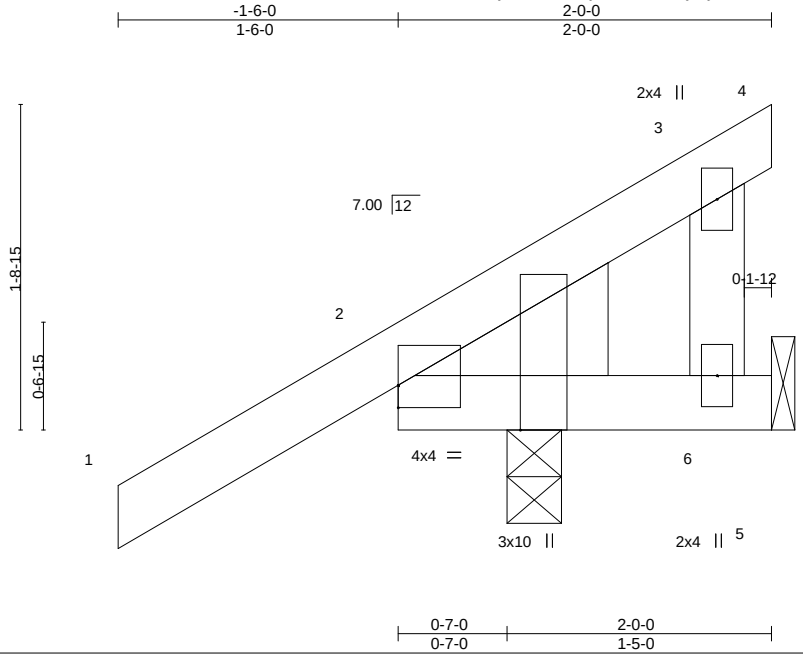


Plate Offsets (X,Y)-- [2:0-0-0,0-1-7], [2:0-2-14,Edge]

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	0.17	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	-0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.01	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 14 lb	FT = 20%

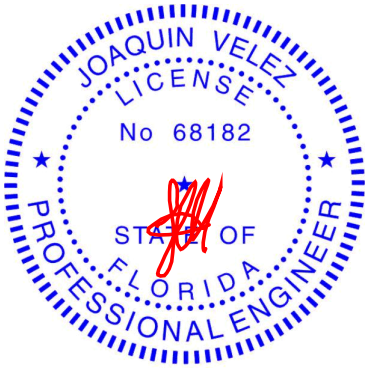
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x8 SP 2400F 2.0E

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

REACTIONS. (size) 5=Mechanical, 2=0-3-8
Max Horz 2=92(LC 12)
Max Uplift 5=-44(LC 1), 2=-117(LC 12)
Max Grav 5=23(LC 8), 2=261(LC 1)

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; cantilever left exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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 100 lb uplift at joint(s) 5 except (jt=lb) 2=117.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
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Date:
June 15,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	HJ03	Diagonal Hip Girder	2	1	T20466101
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:43 2020 Page 1
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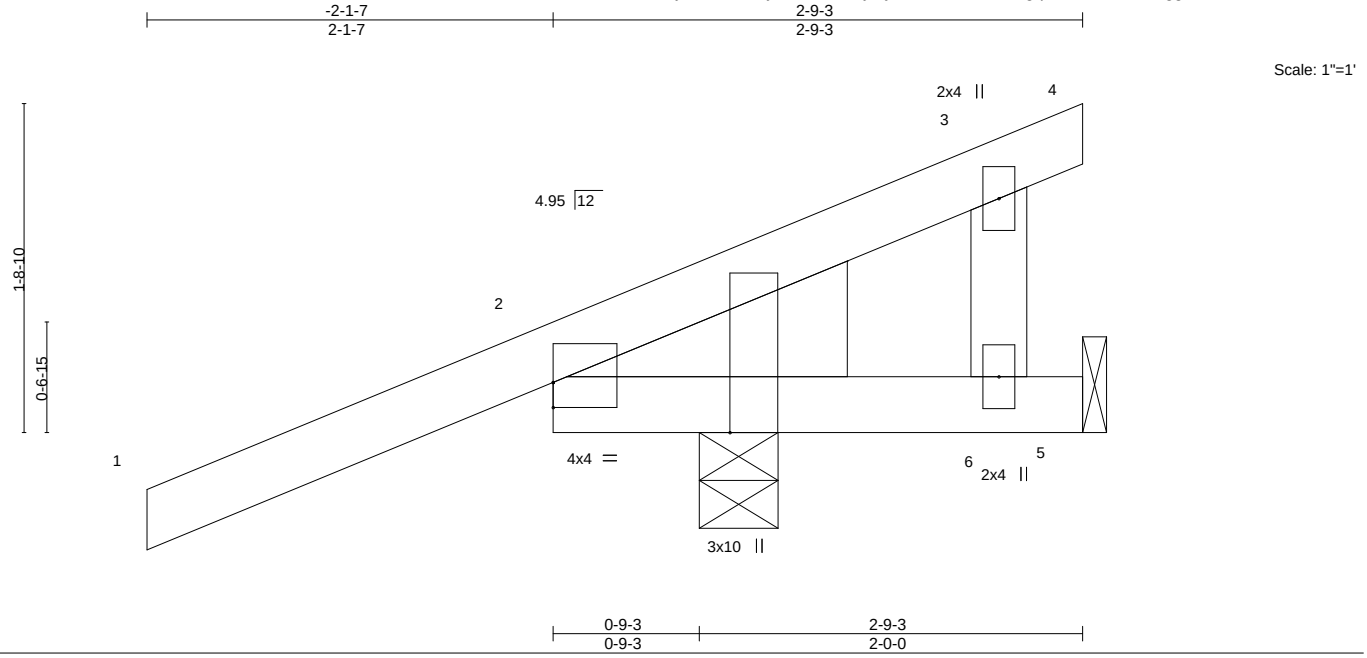


Plate Offsets (X,Y)-- [2:0-0-0,0-1-9], [2:0-3-2,Edge]

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	0.39	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	-0.00	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: 18 lb	FT = 20%

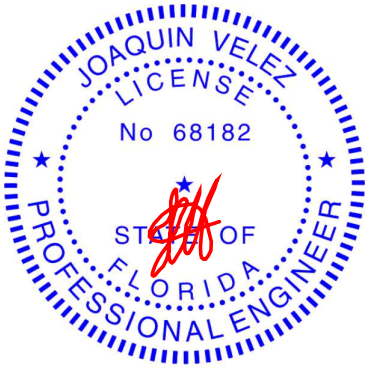
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x8 SP 2400F 2.0E

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-9-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=Mechanical, 2=0-4-15
Max Horz 2=91(LC 12)
Max Uplift 5=-44(LC 1), 2=-209(LC 8)
Max Grav 5=50(LC 8), 2=362(LC 1)

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; cantilever left exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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 100 lb uplift at joint(s) 5 except (jt=lb) 2=209.



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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	HJ09	Diagonal Hip Girder	1	1	T20466102
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:44 2020 Page 1
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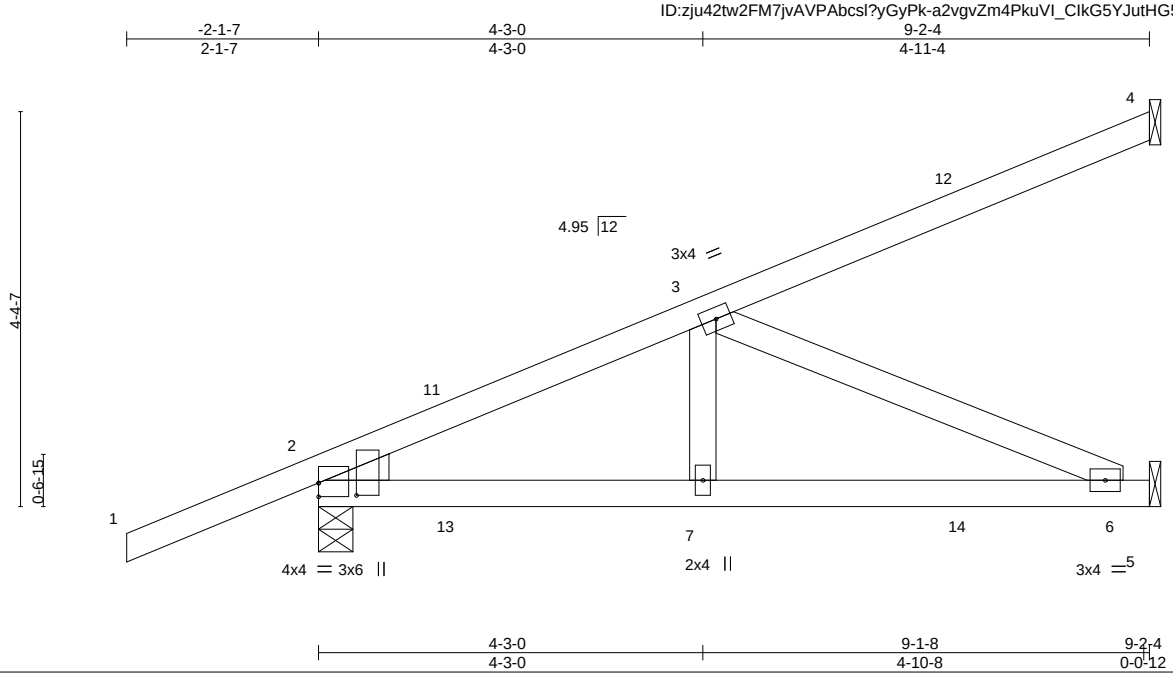


Plate Offsets (X,Y)-- [2:0-0-0,0-1-13], [2:0-1-10,0-5-0]

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	0.52	Vert(LL)	0.09	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.09	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.29	Horz(CT)	-0.01	4	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 43 lb	FT = 20%

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

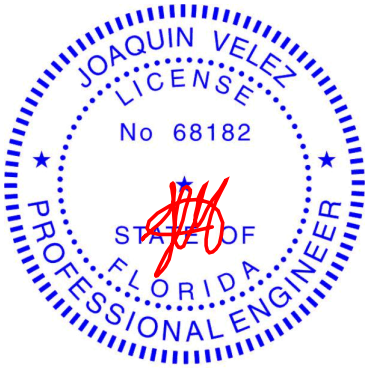
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-6-8 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-9, 5=Mechanical
Max Horz 2=220(LC 8)
Max Uplift 4=-155(LC 8), 2=-387(LC 4), 5=-270(LC 5)
Max Grav 4=148(LC 1), 2=498(LC 1), 5=283(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-676/442
BOT CHORD 2-7=-518/510, 6-7=-518/510
WEBS 3-6=-556/565

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; porch left and right exposed; 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 100 lb uplift at joint(s) except (jt=lb) 4=155, 2=387, 5=270.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 82 lb down and 77 lb up at 1-6-1, 82 lb down and 77 lb up at 1-6-1, 101 lb down and 52 lb up at 4-4-0, 101 lb down and 52 lb up at 4-4-0, and 133 lb down and 112 lb up at 7-1-15, and 133 lb down and 112 lb up at 7-1-15 on top chord, and 52 lb down and 51 lb up at 1-6-1, 52 lb down and 51 lb up at 1-6-1, 20 lb down and 37 lb up at 4-4-0, 20 lb down and 37 lb up at 4-4-0, and 42 lb down and 64 lb up at 7-1-15, and 42 lb down and 64 lb up at 7-1-15 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, 5-8=-20
Concentrated Loads (lb)
Vert: 7=-8(F=-4, B=-4) 12=-71(F=-35, B=-35) 14=-61(F=-30, B=-30)



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June 15,2020

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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	HJ10	Diagonal Hip Girder	2	1	T20466103
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:46 2020 Page 1
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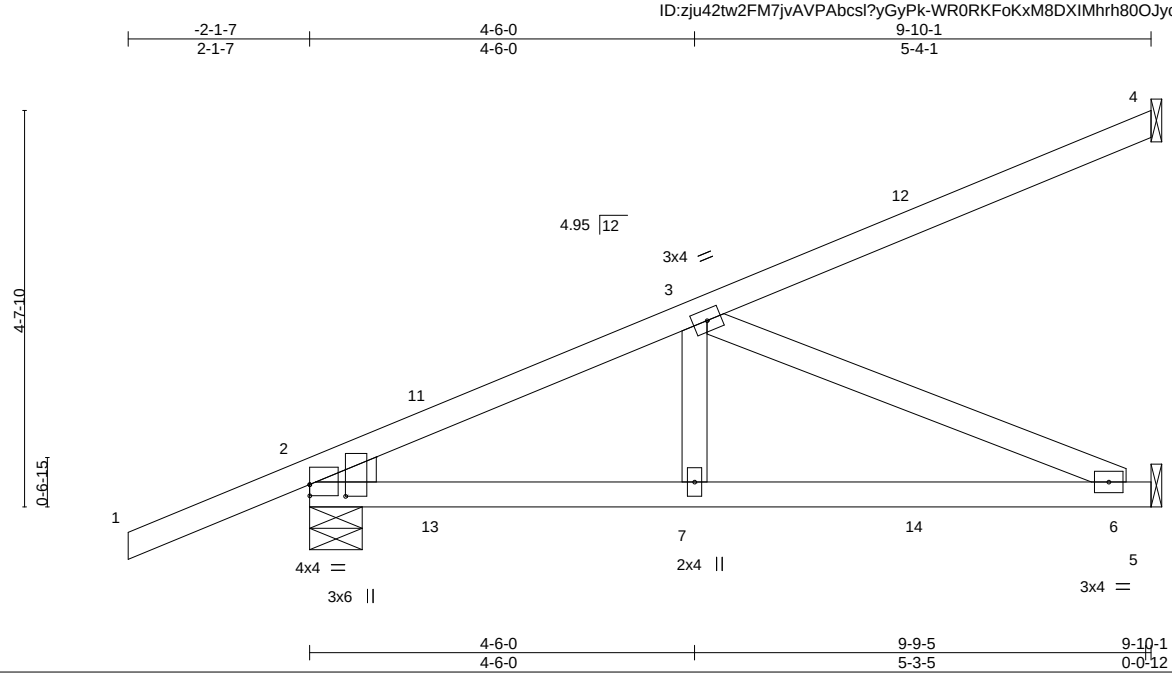


Plate Offsets (X,Y)-- [2:0-0-0,0-1-9], [2:0-1-10,0-5-0]

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	0.59	Vert(LL)	0.11	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.12	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.37	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 46 lb	FT = 20%

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

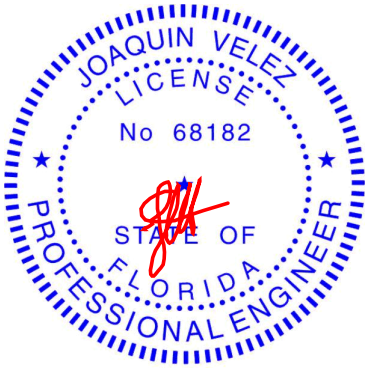
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-1-7 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-7-6, 5=Mechanical
Max Horz 2=233(LC 8)
Max Uplift 4=-152(LC 8), 2=-370(LC 4), 5=-267(LC 8)
Max Grav 4=150(LC 1), 2=528(LC 1), 5=299(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-738/480
BOT CHORD 2-7=-577/565, 6-7=-577/565
WEBS 3-7=-133/269, 3-6=-613/626

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 100 lb uplift at joint(s) except (jt=lb) 4=152, 2=370, 5=267.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 82 lb down and 77 lb up at 1-6-1, 82 lb down and 77 lb up at 1-6-1, 101 lb down and 52 lb up at 4-4-0, 101 lb down and 52 lb up at 4-4-0, and 133 lb down and 112 lb up at 7-1-15, and 133 lb down and 112 lb up at 7-1-15 on top chord, and 19 lb down and 51 lb up at 1-6-1, 19 lb down and 51 lb up at 1-6-1, 17 lb down and 37 lb up at 4-4-0, 17 lb down and 37 lb up at 4-4-0, and 34 lb down and 64 lb up at 7-1-15, and 34 lb down and 64 lb up at 7-1-15 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, 5-8=-20
Concentrated Loads (lb)
Vert: 7=-8(F=-4, B=-4) 12=-71(F=-35, B=-35) 14=-61(F=-30, B=-30)



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June 15,2020

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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	PB01	GABLE	13	1	T20466104
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:47 2020 Page 1
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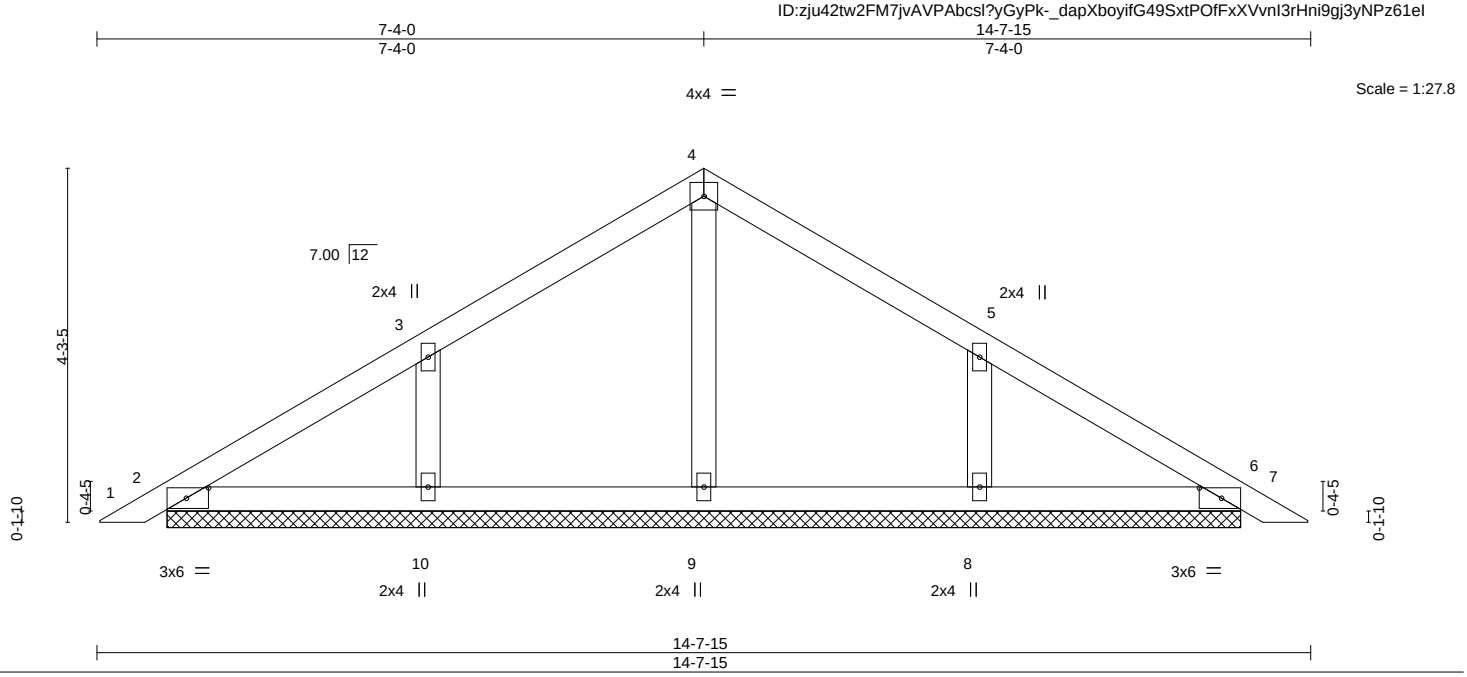


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [6:0-3-3,0-1-8]

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	0.12	Vert(LL)	0.00	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	0.00	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 55 lb	FT = 20%

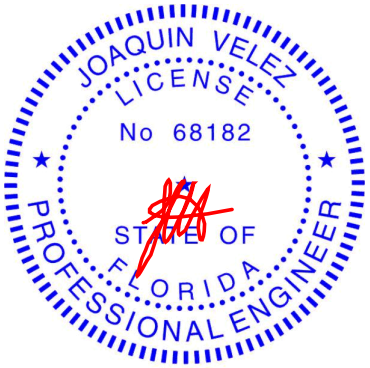
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 12-11-10.
(lb) - Max Horz 2=-128(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6 except 8=-197(LC 13), 10=-198(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9 except 8=310(LC 20), 10=311(LC 19)

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 4-0-0 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) 8=197, 10=198.
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	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	PB01G	GABLE	2	1	T20466105
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:48 2020 Page 1
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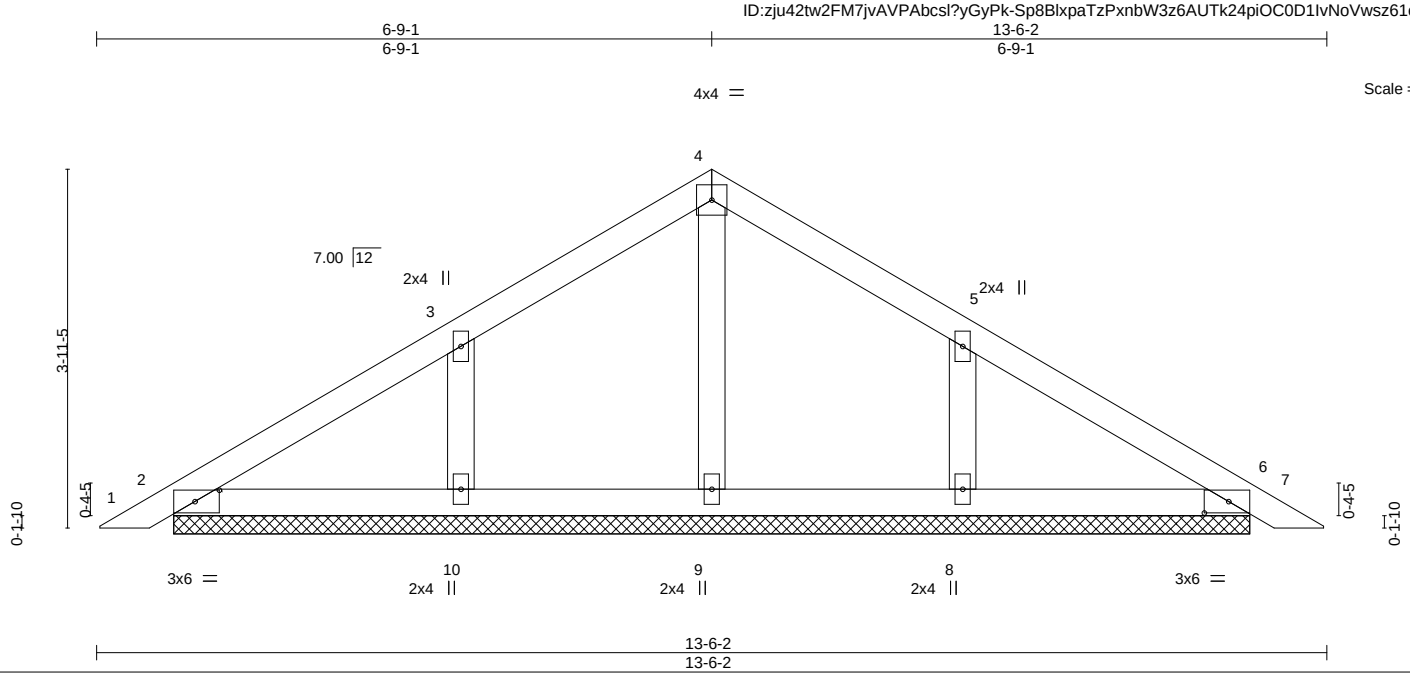


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [6:0-3-3,0-1-8]

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	0.10	Vert(LL)	0.00	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	0.00	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 50 lb	FT = 20%

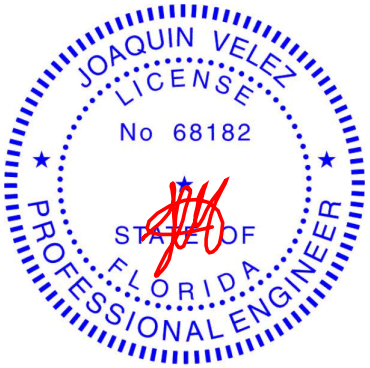
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 11-9-13.
(lb) - Max Horz 2=117(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6 except 8=-181(LC 13), 10=-182(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9 except 8=288(LC 20), 10=288(LC 19)

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 4-0-0 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) 8=181, 10=182.
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	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	PB02	GABLE	14	1	T20466106
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:49 2020 Page 1
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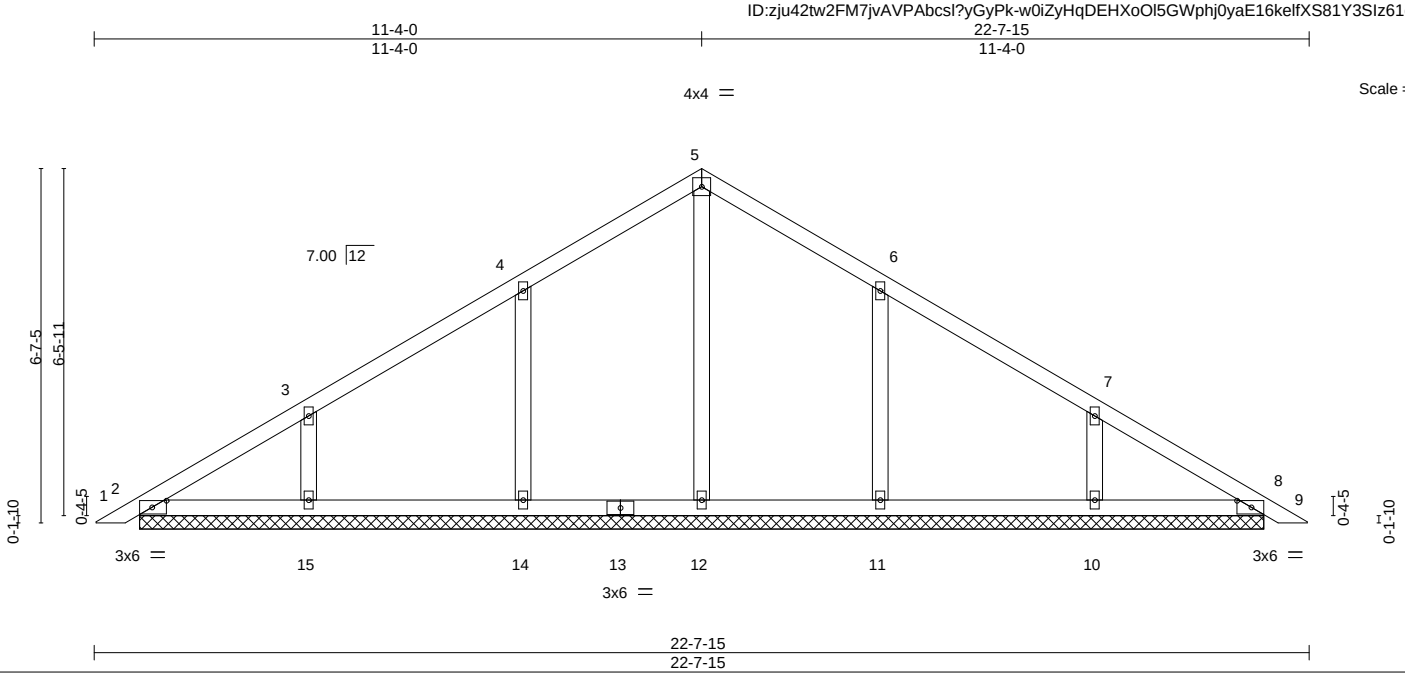


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [8:0-3-3,0-1-8]

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	0.14	Vert(LL)	0.00	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	0.00	9	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 96 lb	FT = 20%

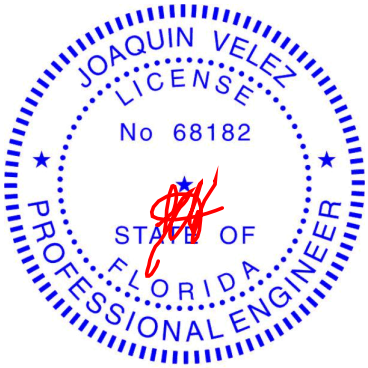
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 20-11-10.
(lb) - Max Horz 2=-200(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8 except 10=-202(LC 13), 11=-200(LC 13), 15=-203(LC 12), 14=-201(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 8 except 12=323(LC 22), 10=319(LC 20), 11=365(LC 20), 15=320(LC 19), 14=365(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 7-10=-258/220, 6-11=-254/224, 3-15=-258/220, 4-14=-254/225

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 4-0-0 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, 8 except (jt=lb) 10=202, 11=200, 15=203, 14=201.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 15,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	PB02G	GABLE	2	1	T20466107
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:50 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-OCGyAdrr?aff0vgS4WCyZ97R5W5OU6BbMhHc_kz61eF

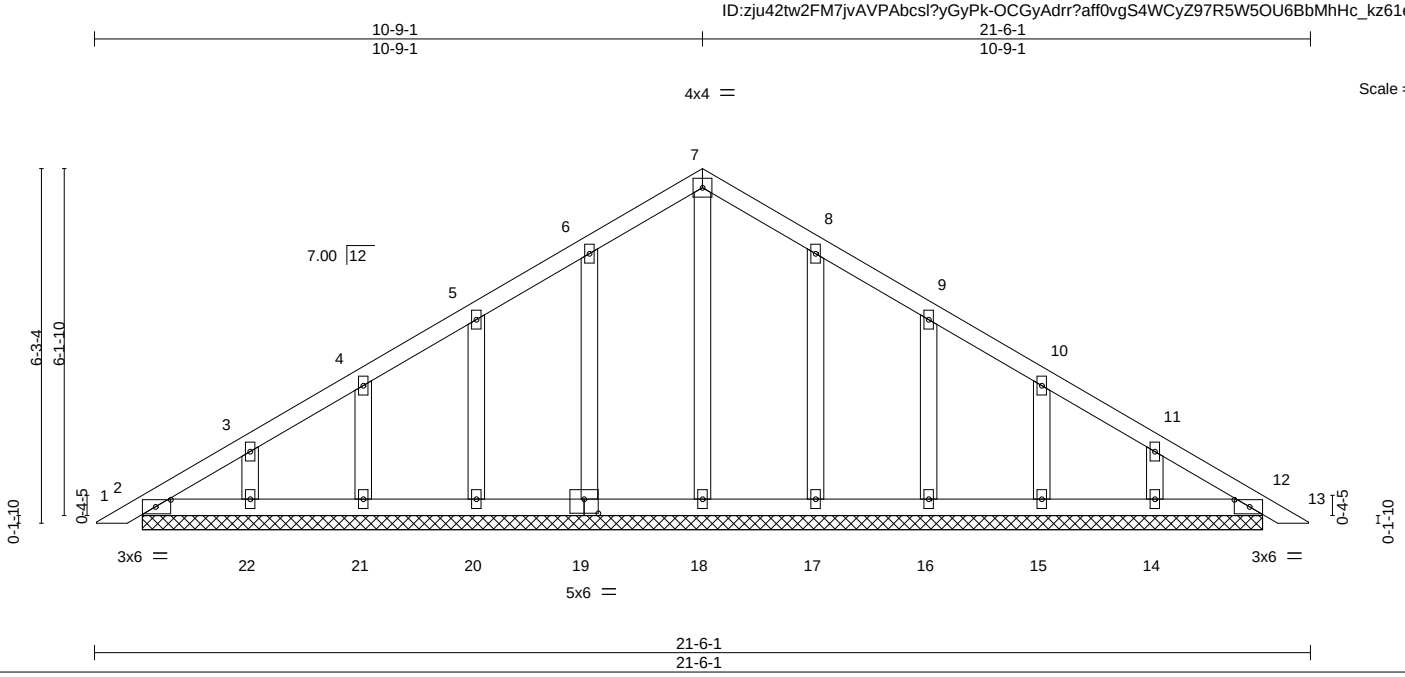


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [12:0-3-3,0-1-8], [19:0-3-0,0-3-0]

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	0.05	Vert(LL)	0.00	12	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	0.00	12	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	12	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 106 lb	FT = 20%

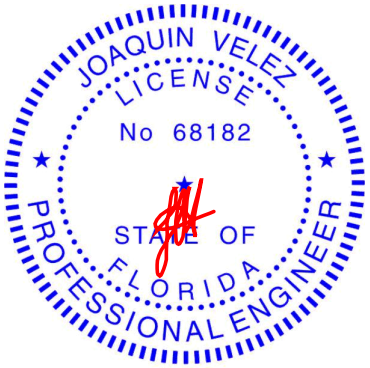
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 19-9-12.
(lb) - Max Horz 2=-190(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 21, 15, 12 except 19=-106(LC 12), 20=-103(LC 12), 22=-110(LC 12), 17=-103(LC 13), 16=-103(LC 13), 14=-109(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 18, 19, 20, 21, 22, 17, 16, 15, 14, 12

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 21, 15, 12 except (jt=lb) 19=106, 20=103, 22=110, 17=103, 16=103, 14=109.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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June 15,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	PB03	Piggyback	12	1	T20466108
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:51 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-tOqKNyrTmunWe3FeeEjB5NgbhvQrDaIlbL1AWAz61eE

3-8-0 7-3-15
3-8-0 3-8-0

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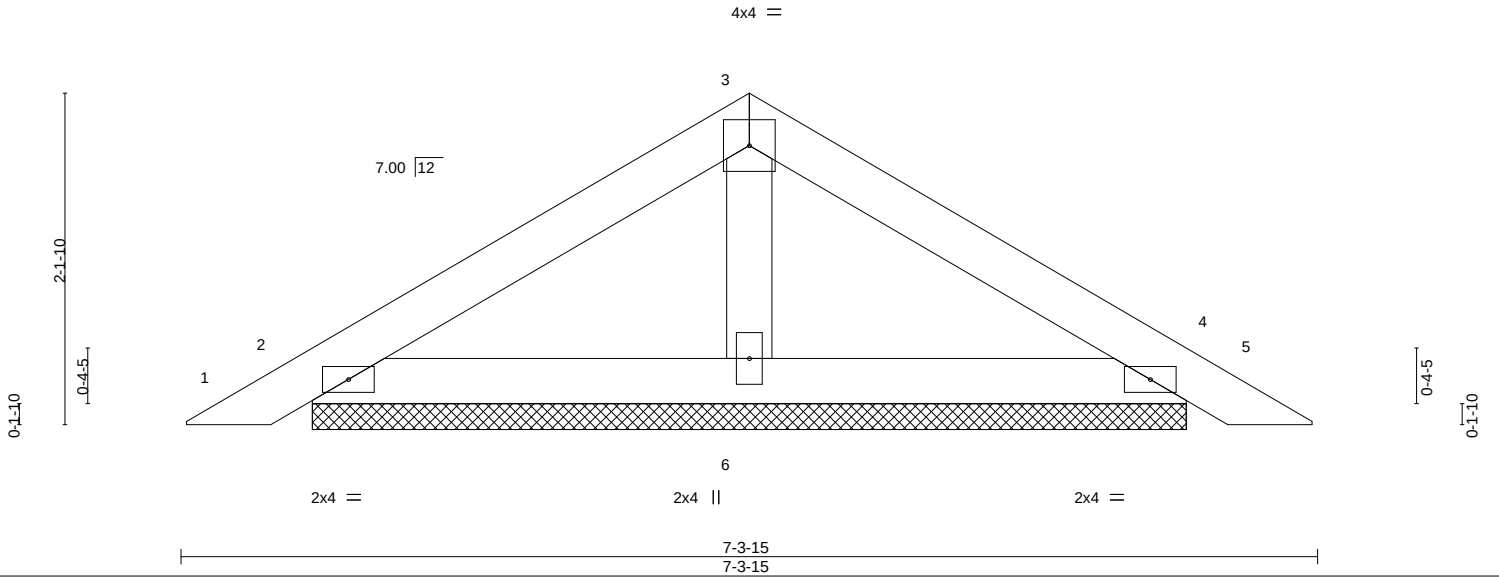


7-3-15
7-3-15

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	0.13	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	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: 23 lb	FT = 20%

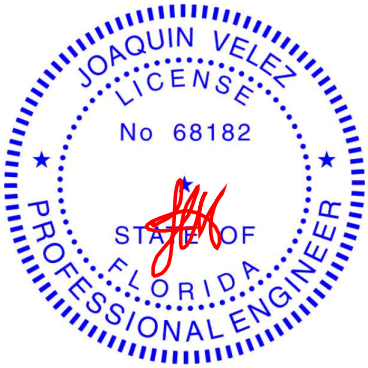
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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=5-7-10, 4=5-7-10, 6=5-7-10
Max Horz 2=-61(LC 10)
Max Uplift 2=-75(LC 12), 4=-83(LC 13), 6=-40(LC 12)
Max Grav 2=140(LC 1), 4=140(LC 20), 6=196(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	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	PB03G	GABLE	2	1	T20466109
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:52 2020 Page 1
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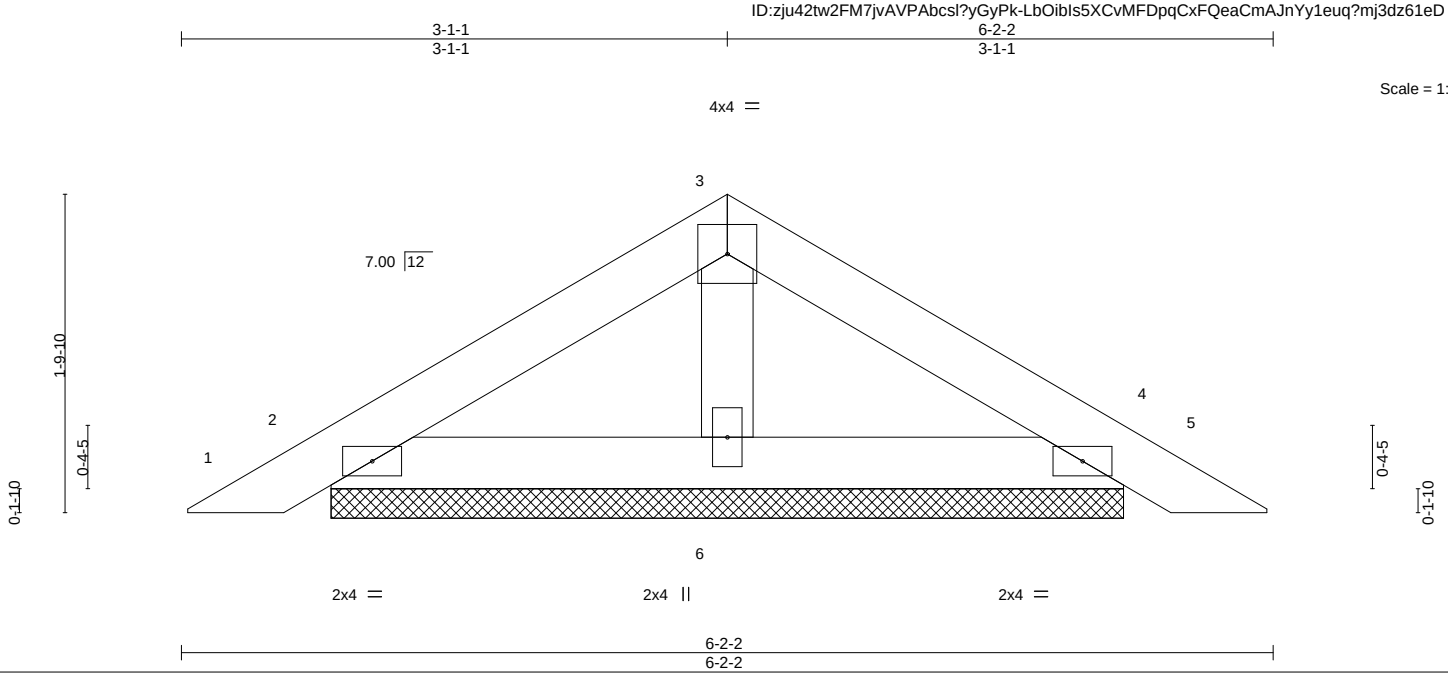


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.08	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	0.00	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 19 lb	FT = 20%

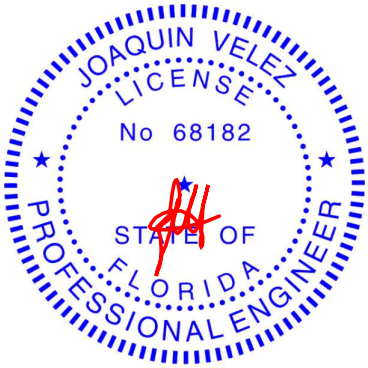
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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=4-5-13, 4=4-5-13, 6=4-5-13
Max Horz 2=51(LC 11)
Max Uplift 2=-65(LC 12), 4=-71(LC 13), 6=-30(LC 12)
Max Grav 2=118(LC 1), 4=118(LC 20), 6=153(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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June 15,2020

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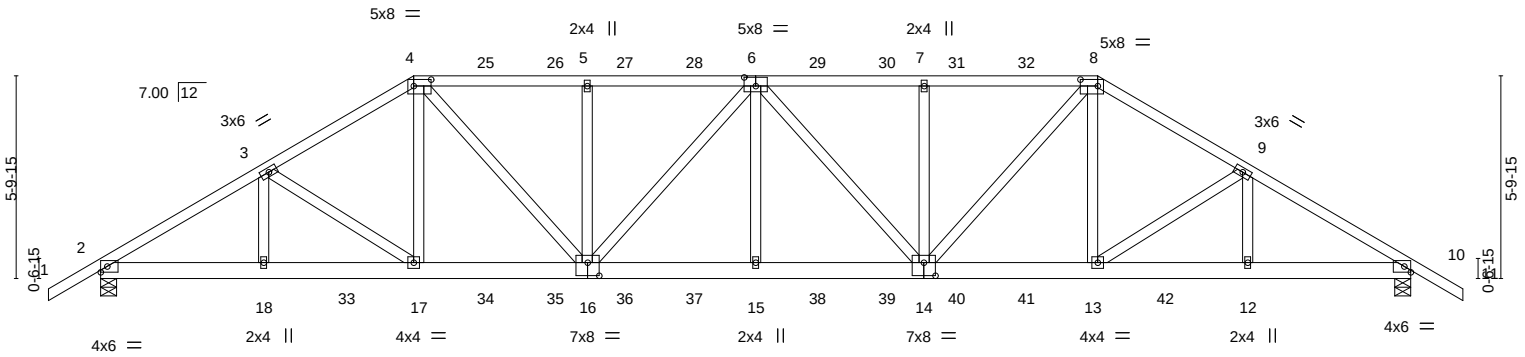
Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T01	Hip Girder	1	2	T20466110
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:57 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-hYBbe0wELkXfM_io_VqbLdvXSKITdDGdzHUUkqz61e8

-1-6-0	4-8-4	9-0-0	13-11-14	18-10-0	23-8-2	28-8-0	32-11-12	37-8-0	39-2-0
1-6-0	4-8-4	4-3-12	4-11-14	4-10-2	4-10-2	4-11-14	4-3-12	4-8-4	1-6-0

Scale = 1:66.2



4-8-4	9-0-0	13-11-14	18-10-0	23-8-2	28-8-0	32-11-12	37-8-0
4-8-4	4-3-12	4-11-14	4-10-2	4-10-2	4-11-14	4-3-12	4-8-4

Plate Offsets (X,Y)-- [4:0-6-0,0-2-4], [6:0-4-0,0-3-0], [8:0-6-0,0-2-4], [14:0-4-0,0-4-8], [16:0-4-0,0-4-8]

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)	0.31	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.77	Vert(CT)	-0.37	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.38	Horz(CT)	0.10	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 509 lb	FT = 20%

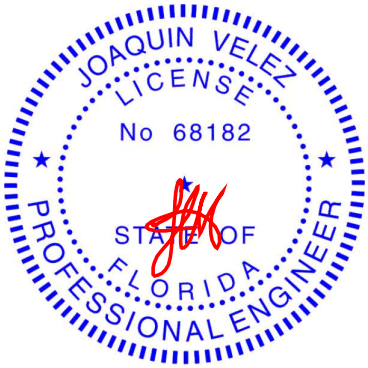
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-8-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-8-14 oc bracing.

REACTIONS. (size) 2=0-5-8, 10=0-5-8
Max Horz 2=191(LC 7)
Max Uplift 2=-2154(LC 8), 10=-2154(LC 9)
Max Grav 2=3507(LC 1), 10=3507(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-6042/3755, 3-4=-5764/3658, 4-5=-6265/4007, 5-6=-6264/4006, 6-7=-6264/4006, 7-8=-6265/4007, 8-9=-5764/3658, 9-10=-6042/3756
BOT CHORD 2-18=-3250/5143, 17-18=-3250/5143, 16-17=-3188/4967, 15-16=-4291/6734, 14-15=-4291/6734, 13-14=-3034/4967, 12-13=-3114/5143, 10-12=-3114/5143
WEBS 3-17=-334/261, 4-17=-747/1147, 4-16=-1341/1977, 5-16=-402/381, 6-16=-756/531, 6-15=-357/687, 6-14=-756/530, 7-14=-402/381, 8-14=-1341/1977, 8-13=-747/1147, 9-13=-335/262

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) 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 100 lb uplift at joint(s) except (jt=lb) 2=2154, 10=2154.



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Date:
June 15,2020

Continued on page 2

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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) 100 lb down and 108 lb up at 9-0-0, 110 lb down and 105 lb up at 11-0-12, 110 lb down and 105 lb up at 13-0-12, 110 lb down and 105 lb up at 15-0-12, 110 lb down and 105 lb up at 17-0-12, 110 lb down and 105 lb up at 18-10-0, 110 lb down and 105 lb up at 20-7-4, 110 lb down and 105 lb up at 22-7-4, 110 lb down and 105 lb up at 24-7-4, and 110 lb down and 105 lb up at 26-7-4, and 100 lb down and 108 lb up at 28-8-0 on top chord, and 658 lb down and 527 lb up at 7-0-12, 209 lb down and 145 lb up at 9-0-12, 209 lb down and 145 lb up at 11-0-12, 209 lb down and 145 lb up at 13-0-12, 209 lb down and 145 lb up at 15-0-12, 209 lb down and 145 lb up at 17-0-12, 209 lb down and 145 lb up at 18-10-0, 209 lb down and 145 lb up at 20-7-4, 209 lb down and 145 lb up at 22-7-4, 209 lb down and 145 lb up at 24-7-4, 209 lb down and 145 lb up at 26-7-4, and 209 lb down and 145 lb up at 28-7-4, and 658 lb down and 527 lb up at 30-7-4 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: 1-4=-54, 4-8=-54, 8-11=-54, 19-22=-20
   Concentrated Loads (lb)
   Vert: 4=-48(B) 8=-48(B) 17=-202(B) 6=-48(B) 15=-202(B) 13=-202(B) 25=-48(B) 26=-48(B) 27=-48(B) 28=-48(B) 29=-48(B) 30=-48(B) 31=-48(B) 32=-48(B) 33=-658(B) 34=-202(B) 35=-202(B) 36=-202(B) 37=-202(B) 38=-202(B) 39=-202(B) 40=-202(B) 41=-202(B) 42=-658(B)

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T02	Piggyback Base	10	1	T20466111
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:37:59 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-exJL3hyUtLnNbIsB6vt3Q2?la80G5_BwRbzbojz61e6

1-6-0	7-2-0	15-2-0	18-10-0	22-6-0	30-6-0	37-8-0	39-2-0
1-6-0	7-2-0	8-0-0	3-8-0	3-8-0	8-0-0	7-2-0	1-6-0

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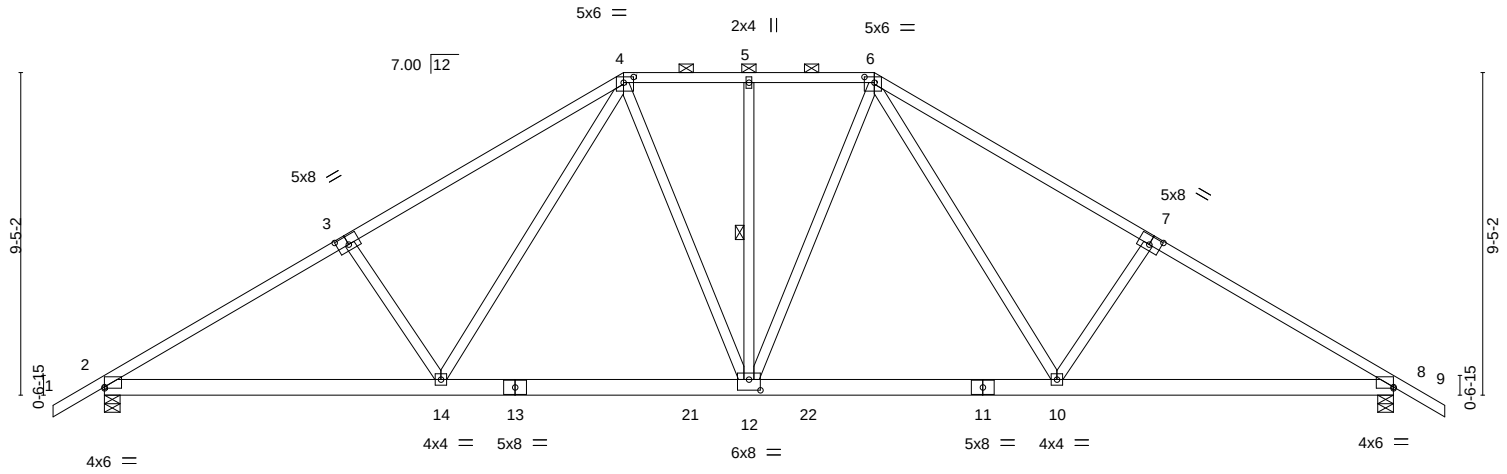


9-10-0	18-10-0	27-10-0	37-8-0
9-10-0	9-0-0	9-0-0	9-10-0

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

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	0.90	Vert(LL)	-0.20	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.37	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.93	Horz(CT)	0.09	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 242 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 3-4,6-7: 2x4 SP M 31
BOT CHORD	2x6 SP No.2 *Except* 11-13: 2x6 SP M 26
WEBS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except 2-0-0 oc purlins (3-7-1 max.): 4-6.
BOT CHORD	Rigid ceiling directly applied or 6-8-15 oc bracing.
WEBS	1 Row at midpt 5-12

REACTIONS. (size) 2=0-5-8, 8=0-5-8
Max Horz 2=304(LC 11)
Max Uplift 2=-782(LC 12), 8=-782(LC 13)
Max Grav 2=2015(LC 1), 8=2015(LC 1)

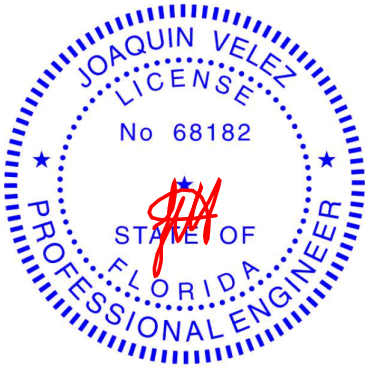
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-3323/1524, 3-4=-3133/1543, 4-5=-2378/1282, 5-6=-2378/1282, 6-7=-3134/1543, 7-8=-3323/1524
BOT CHORD	2-14=-1170/2983, 12-14=-769/2269, 10-12=-770/2184, 8-10=-1177/2794
WEBS	3-14=-459/400, 4-14=-439/952, 4-12=-371/685, 6-12=-371/685, 6-10=-439/953, 7-10=-459/400

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 100 lb uplift at joint(s) except (jt=lb) 2=782, 8=782.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 6-9=-54, 14-15=-20, 10-14=-80(F=-60), 10-18=-20



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 15,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T02G	GABLE	1	1	T20466112
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:01 2020 Page 1
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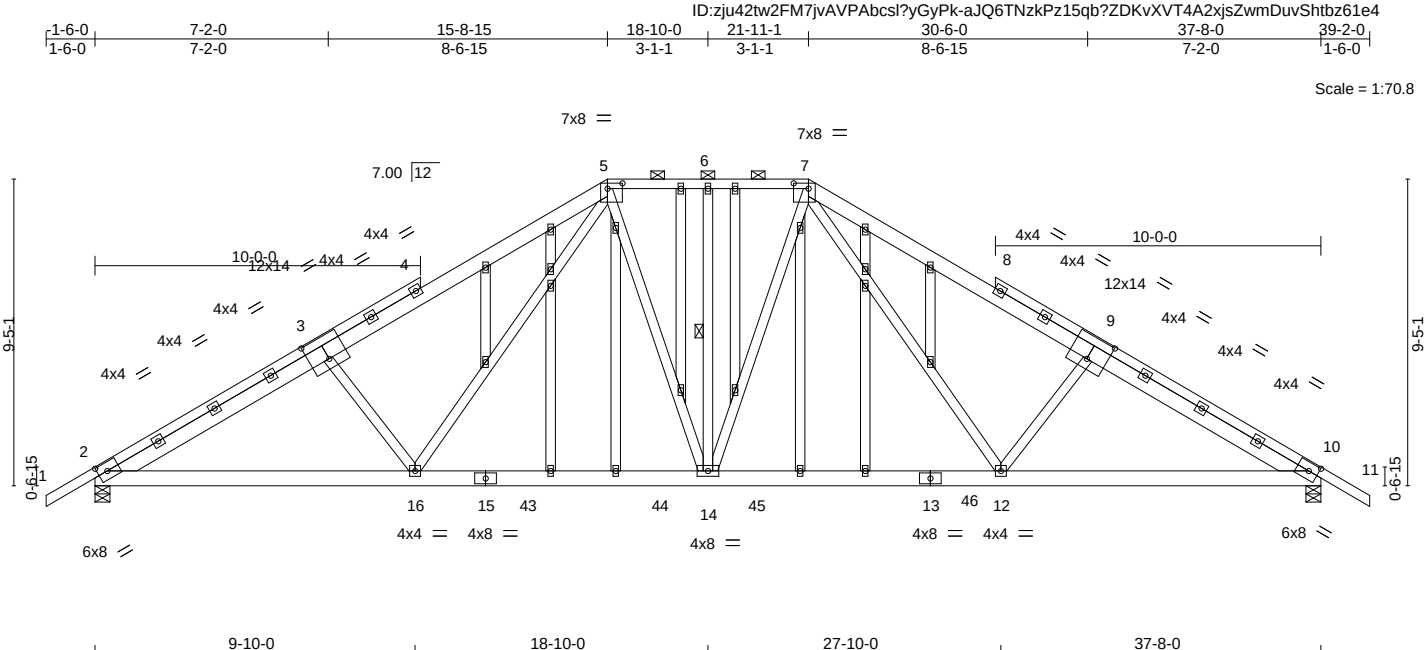


Plate Offsets (X,Y)-- [2:0-3-7,0-3-0], [3:0-7-0,0-8-8], [5:0-5-8,0-2-0], [7:0-5-8,0-2-0], [9:0-7-0,0-8-8], [10:0-3-7,0-3-0]

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	0.58	Vert(LL)	-0.15	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.25	14-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.79	Horz(CT)	0.07	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 379 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2 *Except* 5-7,1-4,8-11: 2x4 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

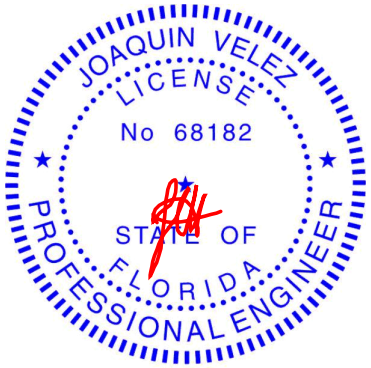
BRACING-

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

REACTIONS. (size) 2=0-5-8, 10=0-5-8
Max Horz 2=-303(LC 10)
Max Uplift 2=-540(LC 12), 10=-540(LC 13)
Max Grav 2=1470(LC 1), 10=1470(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2309/1066, 3-5=-2115/1053, 5-6=-1495/823, 6-7=-1495/823, 7-9=-2115/1053, 9-10=-2309/1066
BOT CHORD 2-16=-807/2163, 14-16=-379/1447, 12-14=-380/1417, 10-12=-813/1986
WEBS 3-16=-585/473, 5-16=-364/743, 5-14=-192/359, 7-14=-192/359, 7-12=-365/744, 9-12=-585/473

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=540, 10=540.
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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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T03	Piggyback Base	2	1	T20466113
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:02 2020 Page 1
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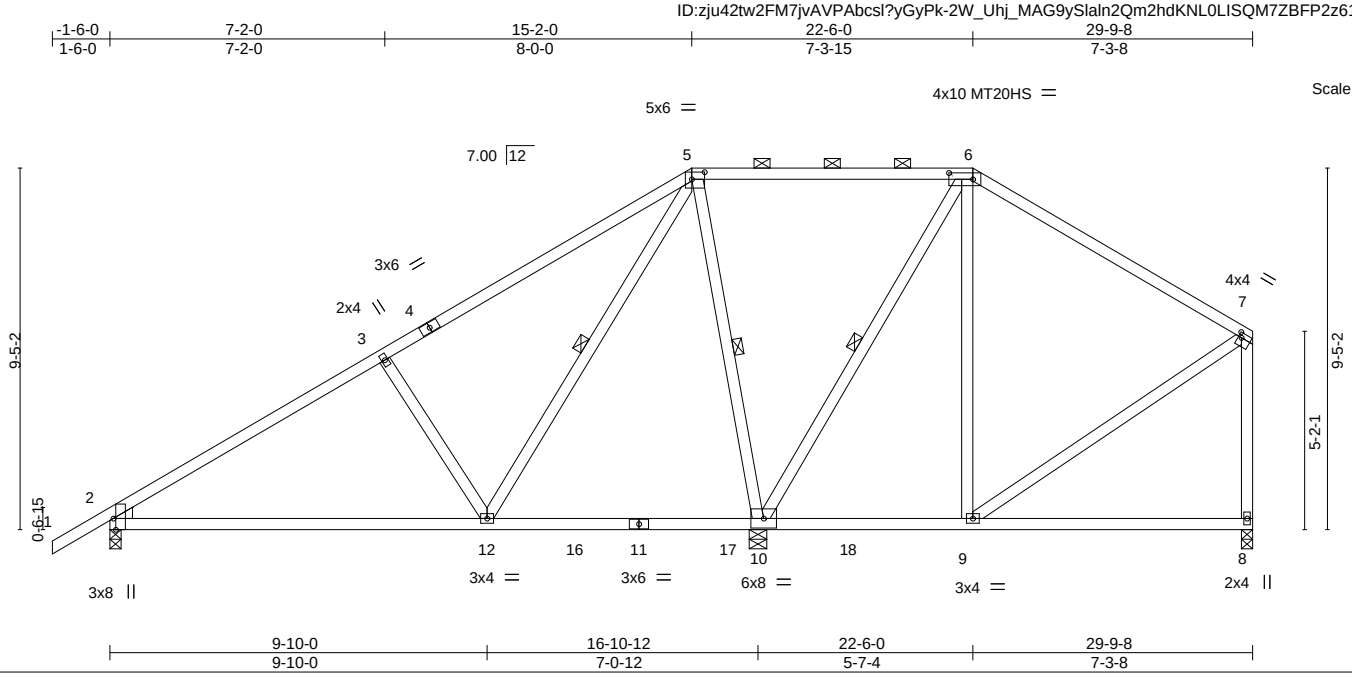


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [2:0-0-10,0-5-1], [2:0-0-5,0-0-9], [5:0-4-0,0-2-4], [6:0-7-8,0-2-0], [7:0-1-0,0-1-8]

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	0.67	Vert(LL)	0.36	12-15	>571	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.73	Vert(CT)	-0.36	12-15	>559	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(CT)	-0.02	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 182 lb	FT = 20%

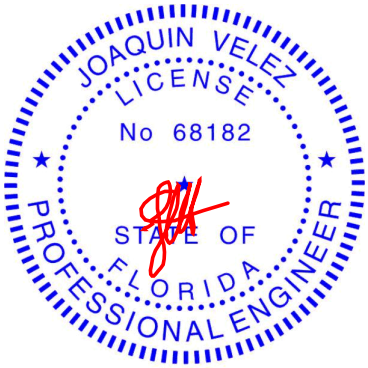
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 10=0-5-8, 8=0-3-8
Max Horz 2=352(LC 12)
Max Uplift 2=-278(LC 9), 10=-487(LC 12), 8=-137(LC 13)
Max Grav 2=668(LC 23), 10=1237(LC 2), 8=474(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-707/713, 3-5=-535/735, 6-7=-315/158, 7-8=-406/208
BOT CHORD 2-12=-748/600
WEBS 3-12=-497/425, 5-12=-896/634, 5-10=-734/710, 6-10=-451/193

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) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=278, 10=487, 8=137.
8) 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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June 15,2020

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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T03G	GABLE	1	1	T20466114
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:04 2020 Page 1
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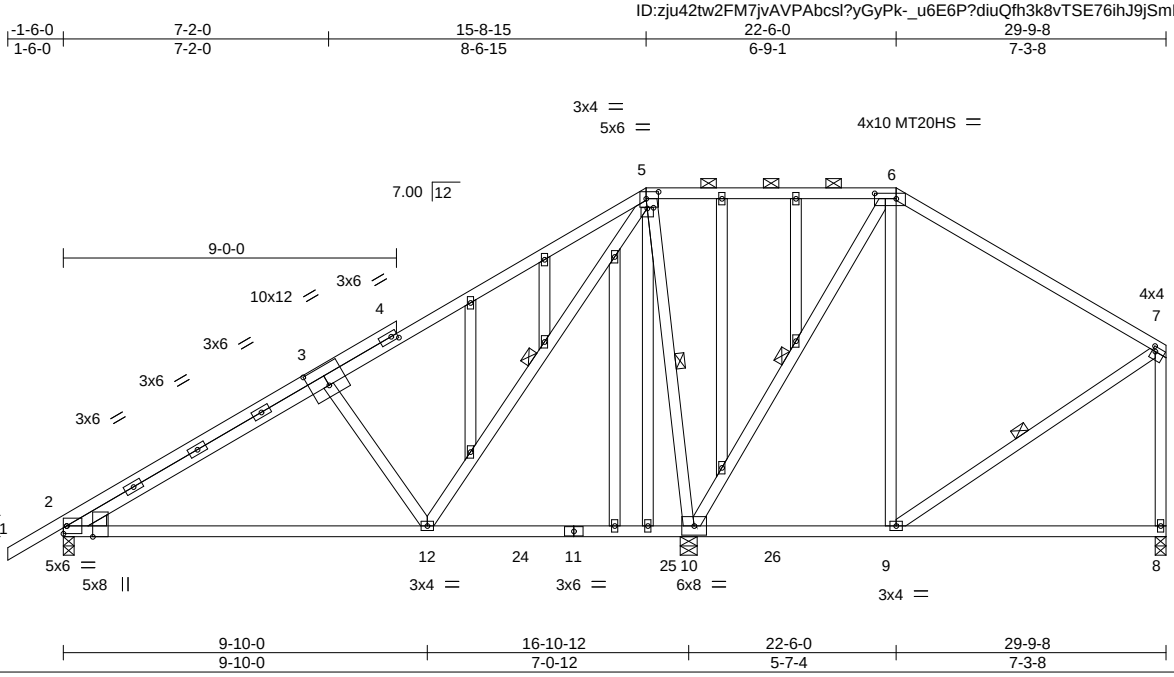


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [3:0-6-0,0-6-8], [4:0-2-0,0-1-8], [5:0-4-0,0-2-4], [5:0-2-0,0-0-4], [6:0-7-0,0-1-12], [7:0-1-0,0-1-8]

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	0.58	Vert(LL)	0.27	2-12	>738	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.68	Vert(CT)	-0.31	2-12	>652	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(CT)	-0.00	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 248 lb	FT = 20%

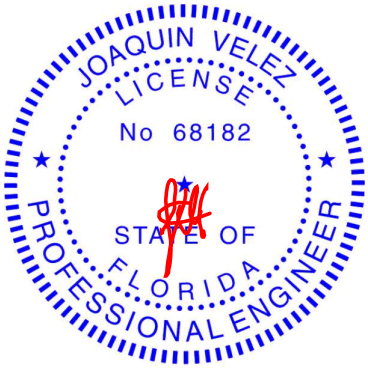
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 10=0-5-8, 2=0-3-8, 8=0-3-8
Max Horz 2=353(LC 12)
Max Uplift 10=-706(LC 12), 2=-188(LC 9), 8=-113(LC 8)
Max Grav 10=1459(LC 1), 2=561(LC 23), 8=398(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-561/411, 3-5=-350/412, 5-6=-193/313, 7-8=-330/130
BOT CHORD 2-12=-519/464, 10-12=-273/276
WEBS 3-12=-599/507, 5-12=-951/707, 5-10=-842/869, 6-10=-605/434, 6-9=-51/259

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) 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 MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=706, 2=188, 8=113.
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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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T04	Roof Special Girder	1	1	T20466115
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:06 2020 Page 1
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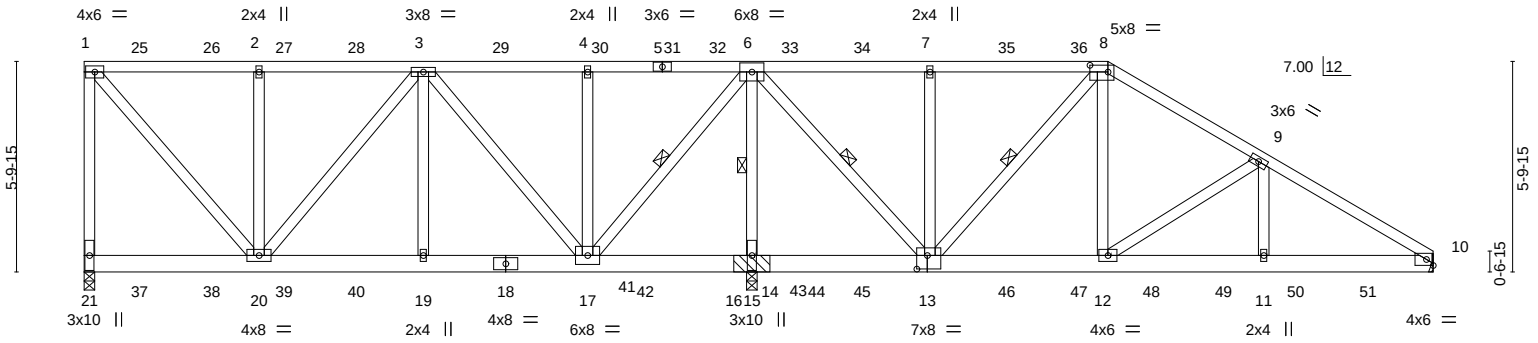
4-10-1	9-4-10	13-11-3	18-5-12	23-4-14	28-4-0	32-7-12	37-4-0
4-10-1	4-6-9	4-6-9	4-6-9	4-11-2	4-11-2	4-3-12	4-8-4

Scale: 3/16"=1'



4-10-1	9-4-10	13-11-3	18-5-12	23-4-14	28-4-0	32-7-12	37-4-0
4-10-1	4-6-9	4-6-9	4-6-9	4-11-2	4-11-2	4-3-12	4-8-4

Plate Offsets (X,Y)-- [8:0-6-0,0-2-4], [13:0-3-8,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.88	Vert(LL)	0.09	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.12	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.97	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 271 lb	FT = 20%

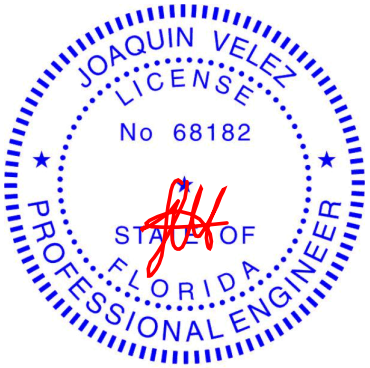
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-17, 6-15, 6-13, 8-13

REACTIONS. (size) 21=0-3-8, 10=Mechanical, 15=(0-3-8 + bearing block) (req. 0-5-2)
Max Horz 21=-257(LC 9)
Max Uplift 21=-1011(LC 4), 10=-895(LC 9), 15=-2728(LC 4)
Max Grav 21=1473(LC 1), 10=1631(LC 1), 15=4349(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-21=-1269/913, 1-2=-979/683, 2-3=-979/683, 3-4=-416/376, 4-6=-416/376, 6-7=-579/454, 7-8=-584/458, 8-9=-1516/914, 9-10=-2440/1352
BOT CHORD 20-21=-103/265, 19-20=-792/1178, 17-19=-792/1178, 15-17=-901/680, 13-15=-901/680, 12-13=-624/1288, 11-12=-1091/2059, 10-11=-1091/2059
WEBS 1-20=-1028/1476, 2-20=-389/365, 3-19=-283/571, 3-17=-1031/640, 4-17=-338/318, 6-17=-1323/2057, 6-15=-3626/2347, 6-13=-1323/2226, 7-13=-403/389, 8-13=-1042/590, 8-12=-670/1216, 9-12=-959/608, 9-11=-367/750

NOTES-
1) 2x6 SP No.2 bearing block 12" long at jt. 15 attached to front face with 3 rows of 10d (0.131"x3") nails spaced 3" o.c. 12 Total fasteners. Bearing is assumed to be SP No.2.
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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 21=1011, 10=895, 15=2728.



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Continued on page 2

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Tampa, FL 36610

NOTES-

8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 110 lb down and 105 lb up at 1-6-6, 110 lb down and 105 lb up at 3-6-6, 110 lb down and 105 lb up at 5-6-6, 110 lb down and 105 lb up at 7-6-6, 110 lb down and 105 lb up at 9-6-6, 110 lb down and 105 lb up at 11-6-6, 110 lb down and 105 lb up at 13-6-6, 110 lb down and 105 lb up at 15-6-6, 110 lb down and 105 lb up at 17-6-6, 110 lb down and 105 lb up at 19-6-6, 110 lb down and 105 lb up at 21-6-6, 110 lb down and 105 lb up at 23-6-6, and 110 lb down and 105 lb up at 25-6-6, and 108 lb down and 105 lb up at 27-6-6 on top chord, and 209 lb down and 145 lb up at 1-6-6, 209 lb down and 145 lb up at 3-6-6, 209 lb down and 145 lb up at 5-6-6, 209 lb down and 145 lb up at 7-6-6, 209 lb down and 145 lb up at 9-6-6, 209 lb down and 145 lb up at 11-6-6, 209 lb down and 145 lb up at 13-6-6, 209 lb down and 145 lb up at 15-6-6, 209 lb down and 145 lb up at 17-6-6, 209 lb down and 145 lb up at 19-6-6, 209 lb down and 145 lb up at 21-6-6, 209 lb down and 145 lb up at 23-6-6, 209 lb down and 145 lb up at 25-6-6, 209 lb down and 145 lb up at 27-6-6, 301 lb down and 189 lb up at 29-6-6, 301 lb down and 189 lb up at 31-6-6, and 301 lb down and 189 lb up at 33-6-6, and 301 lb down and 189 lb up at 35-6-6 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-8=-54, 8-10=-54, 21-22=-20
   Concentrated Loads (lb)
   Vert: 18=-202(F) 3=-48(F) 19=-202(F) 13=-202(F) 7=-48(F) 25=-48(F) 26=-48(F) 27=-48(F) 28=-48(F) 29=-48(F) 30=-48(F) 31=-48(F) 32=-48(F) 33=-48(F) 34=-48(F) 35=-48(F) 36=-48(F) 37=-202(F) 38=-202(F) 39=-202(F) 40=-202(F) 41=-202(F) 42=-202(F) 43=-202(F) 44=-202(F) 45=-202(F) 46=-202(F) 47=-202(F) 48=-301(F) 49=-301(F) 50=-301(F) 51=-301(F)

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T05	Piggyback Base	1	1	T20466116
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:08 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-tgMlxm37l6w5Ag2v8IXAHytMKmAri46FVVfZchz61dz

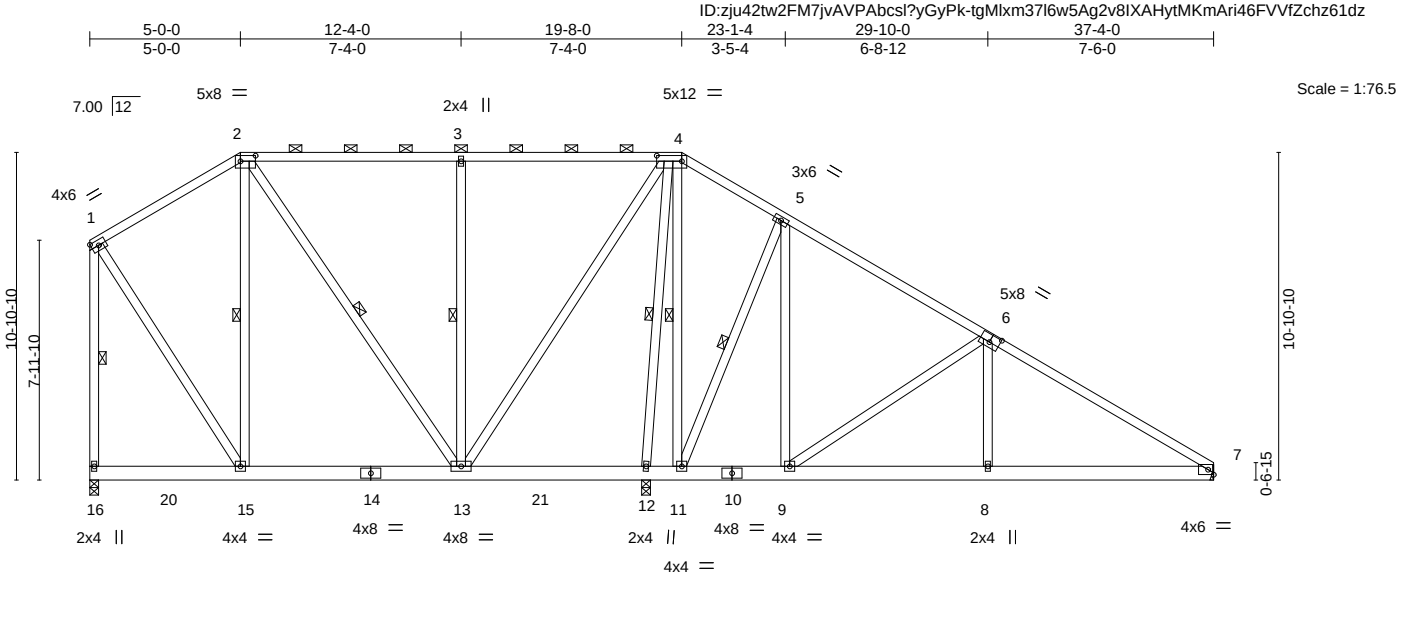


Plate Offsets (X,Y)-- [2:0-6-0,0-2-4], [4:0-10-0,0-2-4], [6:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	0.05	8-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.27	Vert(CT)	-0.07	8-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 312 lb	FT = 20%

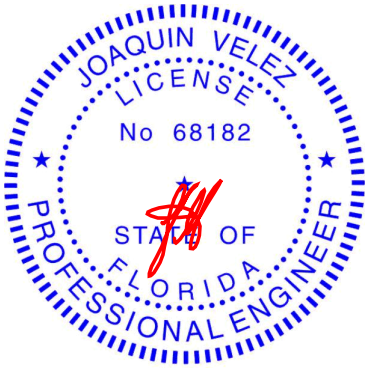
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
2-13,4-13: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-6 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 2-4.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 12-13,11-12.
WEBS 1 Row at midpt 2-15, 2-13, 3-13, 4-12, 4-11, 5-11, 1-16

REACTIONS. (size) 16=0-3-8, 12=0-3-8, 7=Mechanical
Max Horz 16=-424(LC 13)
Max Uplift 16=-220(LC 9), 12=-467(LC 13), 7=-246(LC 13)
Max Grav 16=709(LC 25), 12=1521(LC 1), 7=632(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-346/201, 2-3=-265/269, 3-4=-265/269, 5-6=-332/185, 6-7=-864/320, 1-16=-632/332
BOT CHORD 15-16=-278/421, 13-15=-200/444, 12-13=-396/384, 11-12=-310/349, 8-9=-163/674, 7-8=-164/669
WEBS 3-13=-461/348, 4-13=-296/665, 4-12=-970/465, 4-11=-224/291, 5-11=-754/446, 5-9=-197/510, 6-9=-664/402, 6-8=0/318, 1-15=-182/462

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 100 lb uplift at joint(s) except (jt=lb) 16=220, 12=467, 7=246.
8) 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:
June 15,2020

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T05G	GABLE	1	1	T20466117
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:10 2020 Page 1
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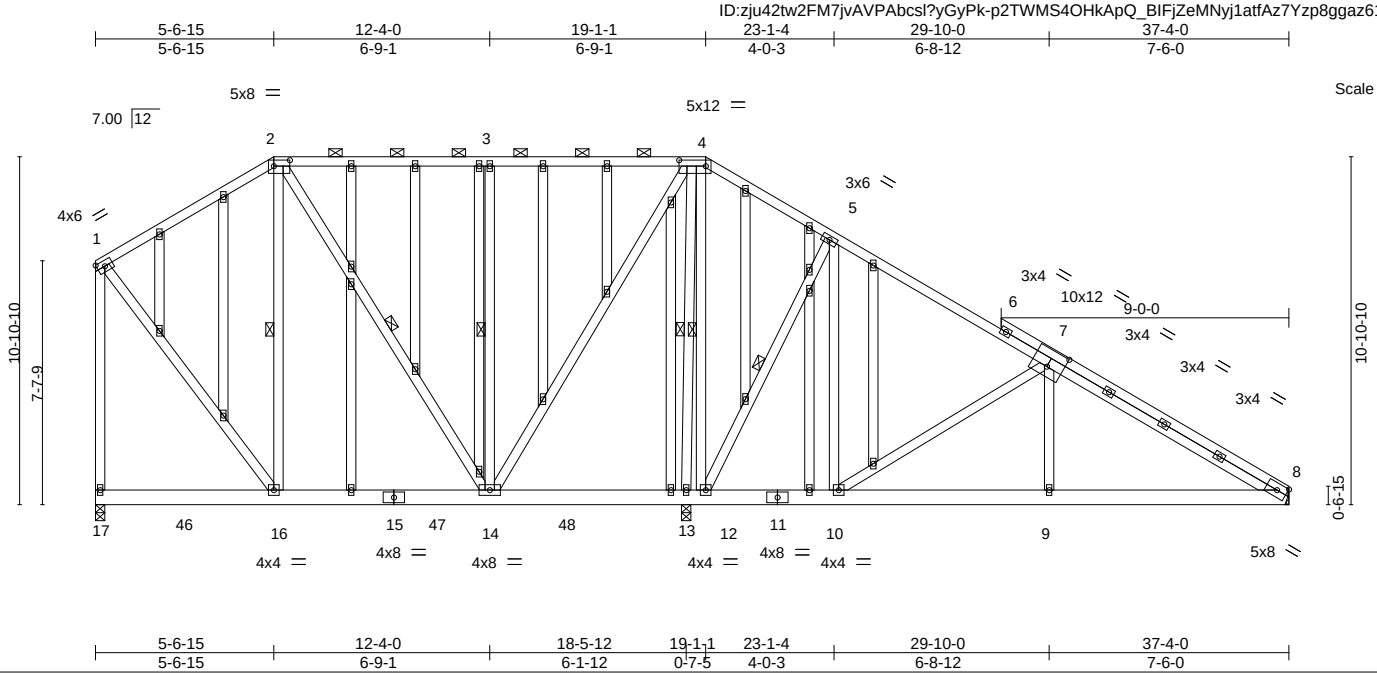


Plate Offsets (X,Y)-- [2:0-6-0,0-2-4], [4:0-10-0,0-2-4], [7:0-6-0,0-6-8]

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	0.63	Vert(LL)	-0.03	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.25	Vert(CT)	-0.05	14-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 442 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	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 end verticals, and 2-0-0 oc purlins (6-0-0 max.): 2-4.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 13-14,12-13.
WEBS	1 Row at midpt 2-16, 2-14, 3-14, 4-13, 4-12, 5-12

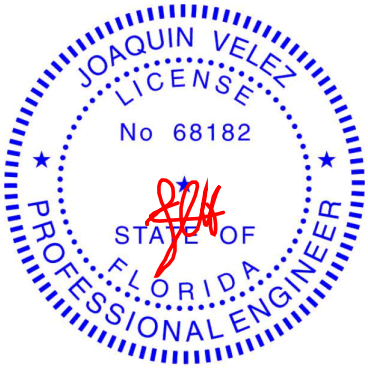
REACTIONS. (size) 17=0-3-8, 13=0-3-8, 8=Mechanical
Max Horz 17=-413(LC 13)
Max Uplift 17=-211(LC 9), 13=-556(LC 13), 8=-209(LC 13)
Max Grav 17=688(LC 25), 13=1625(LC 1), 8=576(LC 24)

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

TOP CHORD	1-2=-357/189, 4-5=0/268, 7-8=-726/249, 1-17=-595/286
BOT CHORD	16-17=-261/409, 14-16=-213/440, 13-14=-466/444, 12-13=-436/432, 9-10=-108/589, 8-9=-108/589
WEBS	3-14=-424/322, 4-14=-299/692, 4-13=-678/331, 4-12=-296/164, 5-12=-741/438, 5-10=-208/516, 7-10=-666/410, 7-9=0/300, 1-16=-142/417

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 100 lb uplift at joint(s) except (jt=lb) 17=211, 13=556, 8=209.
11) 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:
June 15,2020

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T06	Piggyback Base	1	1	T20466118
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:13 2020 Page 1
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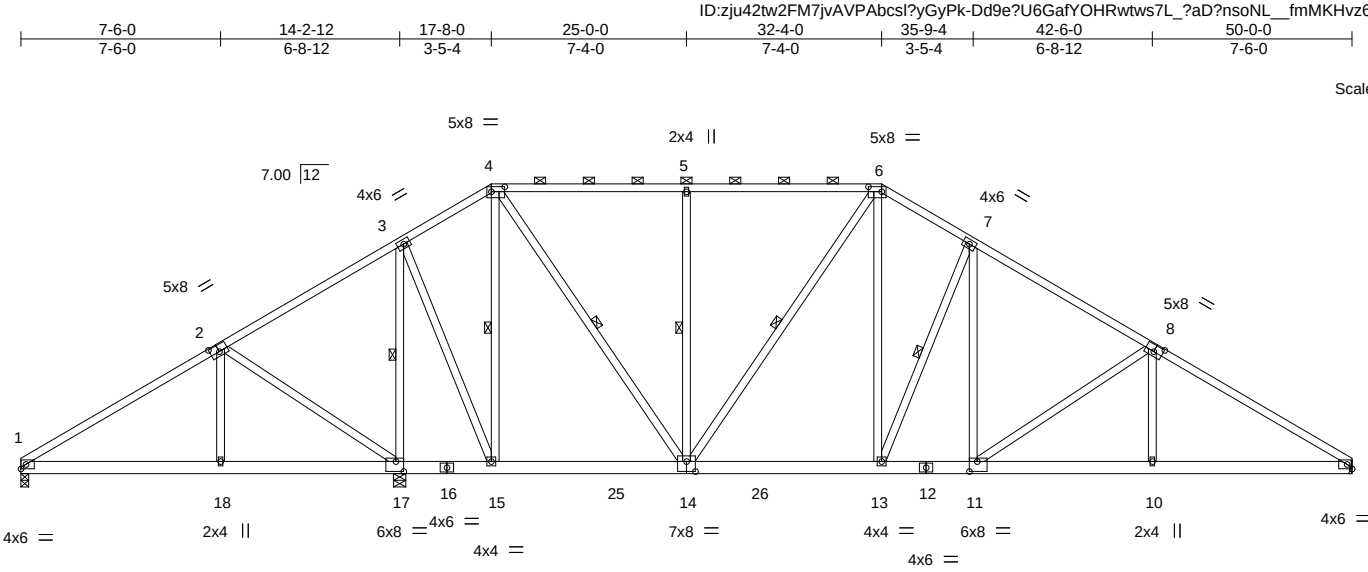


Plate Offsets (X,Y)-- [2:0-4-0,0-3-0], [4:0-6-0,0-2-4], [6:0-6-0,0-2-4], [8:0-4-0,0-3-0], [11:0-3-8,0-4-8], [14:0-4-0,0-4-8], [17:0-3-8,0-4-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.09	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.17	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.04	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 368 lb	FT = 20%

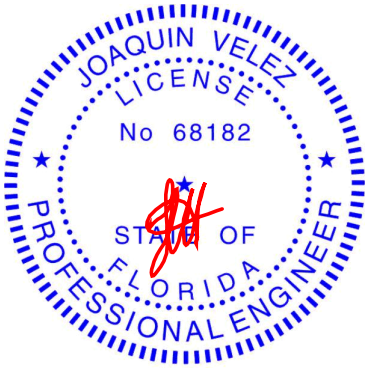
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
4-14,6-14: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-10 oc purlins, except
2-0-0 oc purlins (5-4-14 max.): 4-6.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-17, 4-15, 4-14, 5-14, 6-14, 7-13

REACTIONS. (size) 1=0-3-8, 17=0-5-8, 9=Mechanical
Max Horz 1=-322(LC 10)
Max Uplift 1=-179(LC 9), 17=-657(LC 12), 9=-477(LC 13)
Max Grav 1=447(LC 23), 17=2024(LC 1), 9=1275(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-513/406, 2-3=-78/292, 3-4=-393/304, 4-5=-887/589, 5-6=-887/589, 6-7=-1274/748, 7-8=-1576/761, 8-9=-2074/878
BOT CHORD 1-18=-391/383, 17-18=-395/384, 15-17=-362/350, 14-15=-166/420, 13-14=-204/1058, 11-13=-349/1275, 10-11=-644/1716, 9-10=-645/1712
WEBS 2-18=-334/321, 2-17=-606/715, 3-17=-1588/766, 3-15=-419/1163, 4-15=-967/459, 4-14=-533/1082, 5-14=-462/354, 6-14=-429/205, 6-13=-369/814, 7-13=-685/424, 7-11=-168/422, 8-11=-630/387, 8-10=0/296

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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=179, 17=657, 9=477.
8) 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:
June 15,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES. T20466119
2368253	T07	Piggyback Base	6	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:15 2020 Page 1
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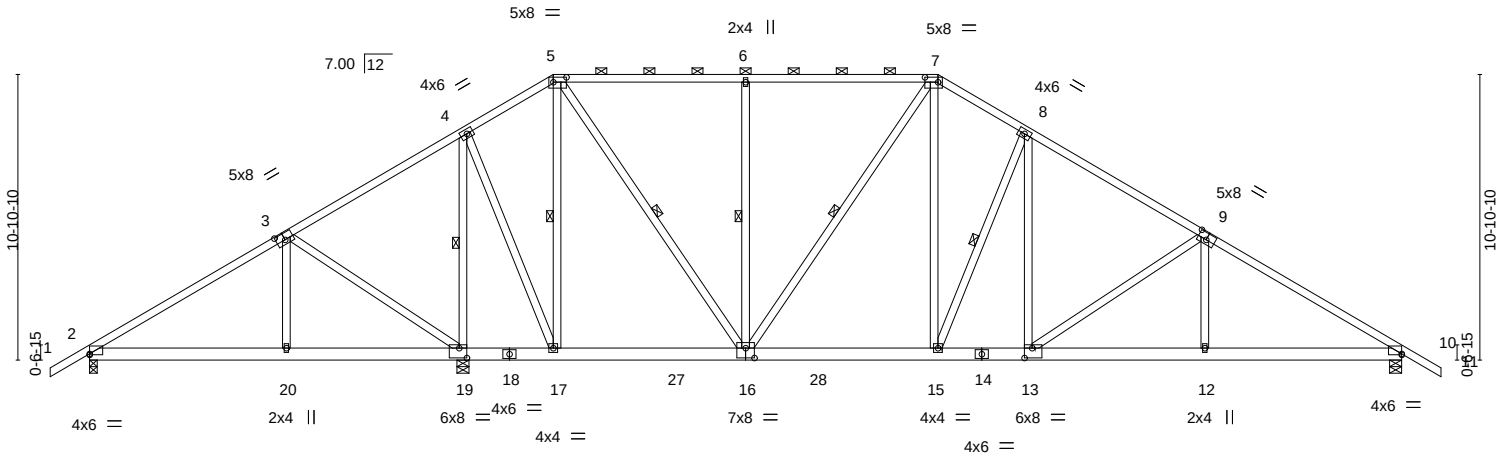
1-6-0	7-6-0	14-2-12	17-8-0	25-0-0	32-4-0	35-9-4	42-6-0	50-0-0	51-6-0
1-6-0	7-6-0	6-8-12	3-5-4	7-4-0	7-4-0	3-5-4	6-8-12	7-6-0	1-6-0

Scale = 1:87.8



7-6-0	14-2-12	17-8-0	25-0-0	32-4-0	35-9-4	42-6-0	50-0-0
7-6-0	6-8-12	3-5-4	7-4-0	7-4-0	3-5-4	6-8-12	7-6-0

Plate Offsets (X,Y)-- [2:0-0-0,0-0-7], [3:0-4-0,0-3-0], [5:0-6-0,0-2-4], [7:0-6-0,0-2-4], [9:0-4-0,0-3-0], [10:Edge,0-0-7], [13:0-3-8,0-4-8], [16:0-4-0,0-4-8], [19:0-3-8,0-4-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.09	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.33	Vert(CT)	-0.17	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.04	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 373 lb	FT = 20%

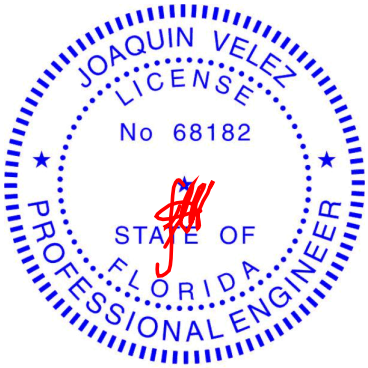
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
5-16,7-16: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-2 oc purlins, except 2-0-0 oc purlins (5-5-0 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-19, 5-17, 5-16, 6-16, 7-16, 8-15

REACTIONS. (size) 2=0-3-8, 19=0-5-8, 10=0-5-8
Max Horz 2=-349(LC 10)
Max Uplift 2=-199(LC 9), 19=-653(LC 12), 10=-530(LC 13)
Max Grav 2=528(LC 23), 19=2025(LC 1), 10=1357(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-495/412, 3-4=-76/302, 4-5=-400/312, 5-6=-884/593, 6-7=-884/593, 7-8=-1270/749, 8-9=-1570/760, 9-10=-2057/867
BOT CHORD 2-20=-378/385, 19-20=-382/389, 17-19=-380/396, 16-17=-155/439, 15-16=-168/1054, 13-15=-313/1270, 12-13=-600/1700, 10-12=-601/1696
WEBS 3-20=-326/318, 3-19=-611/705, 4-19=-1591/763, 4-17=-415/1165, 5-17=-970/457, 5-16=-531/1082, 6-16=-462/354, 7-16=-427/201, 7-15=-367/811, 8-15=-686/423, 8-13=-166/424, 9-13=-635/377, 9-12=0/294

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=199, 19=653, 10=530.
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:
June 15,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T08	Roof Special Girder	1	1	T20466120
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:20 2020 Page 1
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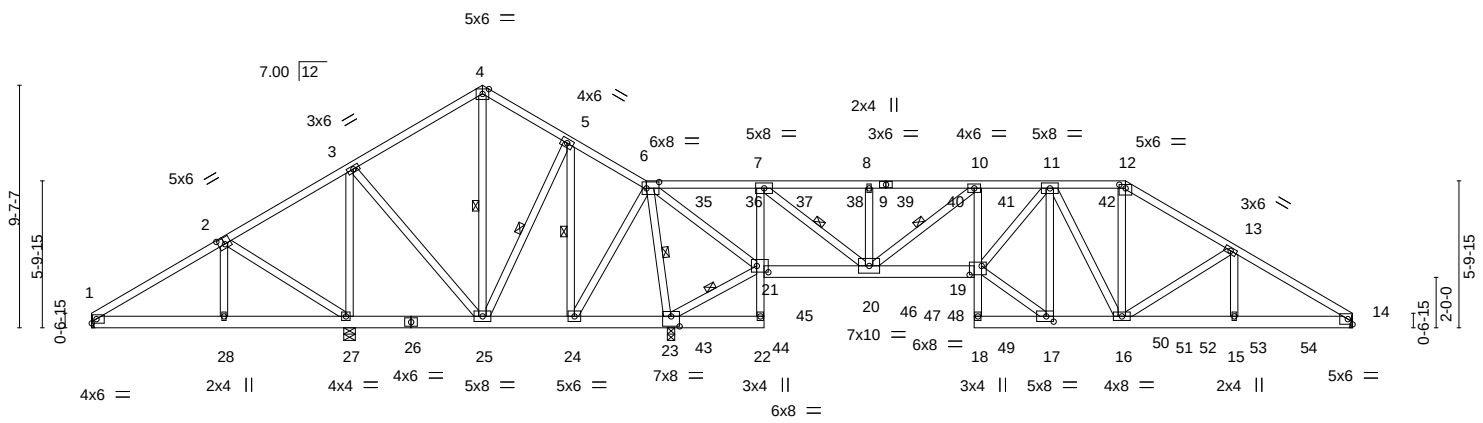
5-3-0	10-2-12	15-6-0	19-0-0	22-0-0	26-8-0	30-10-0	35-0-0	38-0-0	41-0-0	45-3-12	50-0-0
5-3-0	4-11-12	5-3-4	3-6-0	3-0-0	4-8-0	4-2-0	4-2-0	3-0-0	3-0-0	4-3-12	4-8-4

Scale = 1:91.4



5-3-0	10-2-12	15-6-0	19-0-0	22-11-12	26-8-0	30-10-0	35-0-0	38-0-0	41-0-0	45-3-12	50-0-0
5-3-0	4-11-12	5-3-4	3-6-0	3-11-12	3-8-4	4-2-0	4-2-0	3-0-0	3-0-0	4-3-12	4-8-4

Plate Offsets (X,Y)-- [2:0-3-0,0-3-0], [6:0-6-0,0-3-0], [12:0-3-0,0-1-12], [17:0-3-8,0-2-8], [19:0-5-12,0-4-4], [21:0-5-8,0-3-0], [23:0-4-0,0-4-12]

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	0.51	Vert(LL)	0.26	19-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.88	Vert(CT)	-0.33	19-20	>998	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.88	Horz(CT)	0.11	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 376 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
7-22,10-18: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
7-20,10-20,17-19: 2x4 SP No.2

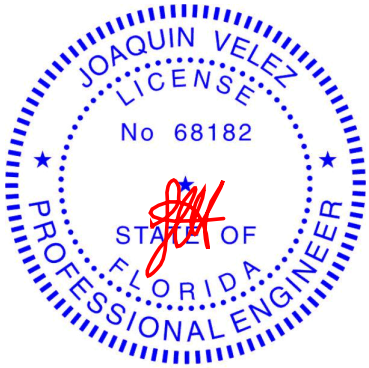
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-11-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-6-0 oc bracing.
WEBS 1 Row at midpt 4-25, 5-25, 5-24, 6-23, 21-23, 7-20, 10-20

SUPPLEMENTARY BEARING PLATES, SPECIAL ANCHORAGE, OR OTHER MEANS TO ALLOW FOR THE MINIMUM REQUIRED SUPPORT WIDTH (SUCH AS COLUMN CAPS, BEARING BLOCKS, ETC.) ARE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER OR THE BUILDING DESIGNER.

REACTIONS. All bearings Mechanical except (jt=length) 27=0-5-8, 23=0-5-6 (input: 0-3-8).
(lb) - Max Horz 1=-282(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) except 14=-1294(LC 9), 1=-293(LC 27), 27=-659(LC 27), 23=-2706(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 14=2294(LC 20), 1=365(LC 15), 27=950(LC 15), 23=4534(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-515/473, 2-3=-465/741, 3-4=-629/905, 4-5=-587/888, 5-6=-966/1549, 6-7=-400/793, 7-8=-1932/1269, 8-10=-1932/1269, 10-11=-3490/2218, 11-12=-2361/1543, 12-13=-2764/1710, 13-14=-3650/2094
BOT CHORD 1-28=-482/606, 27-28=-481/607, 25-27=-619/557, 24-25=-1311/1026, 23-24=-2250/1535, 7-21=-2489/1624, 20-21=-800/655, 19-20=-2043/3527, 10-19=-583/1046, 16-17=-1349/2404, 15-16=-1729/3099, 14-15=-1729/3099
WEBS 2-27=-458/294, 3-27=-610/552, 3-25=-240/347, 4-25=-1019/595, 5-25=-889/1389, 5-24=-1758/1003, 6-24=-1056/1982, 6-23=-2621/1522, 21-23=-3017/2010, 6-21=-1470/2318, 7-20=-2125/3450, 10-20=-2030/1234, 17-19=-1642/2925, 11-19=-1051/1660, 11-17=-1402/804, 11-16=-199/280, 12-16=-670/1135, 13-16=-918/550, 13-15=-310/718

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) WARNING: Required bearing size at joint(s) 23 greater than input bearing size.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1294 lb uplift at joint 14, 293 lb uplift at joint 1, 659 lb uplift at joint 27 and 2706 lb uplift at joint 23.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 15,2020

Continued on page 2

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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) 109 lb down and 104 lb up at 24-2-6, 109 lb down and 104 lb up at 26-2-6, 65 lb down and 32 lb up at 28-2-6, 65 lb down and 32 lb up at 30-2-6, 65 lb down and 33 lb up at 32-2-6, 65 lb down and 33 lb up at 34-2-6, 110 lb down and 105 lb up at 36-2-6, and 110 lb down and 105 lb up at 38-2-6, and 110 lb down and 105 lb up at 40-2-6 on top chord, and 213 lb down and 151 lb up at 24-2-6, 213 lb down and 151 lb up at 26-2-6, 280 lb down and 214 lb up at 28-2-6, 280 lb down and 214 lb up at 30-2-6, 276 lb down and 208 lb up at 32-2-6, 276 lb down and 208 lb up at 34-2-6, 209 lb down and 145 lb up at 36-2-6, 209 lb down and 145 lb up at 38-2-6, 209 lb down and 145 lb up at 40-2-6, 301 lb down and 177 lb up at 42-2-6, 301 lb down and 177 lb up at 44-2-6, and 301 lb down and 177 lb up at 46-2-6, and 301 lb down and 177 lb up at 48-2-6 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

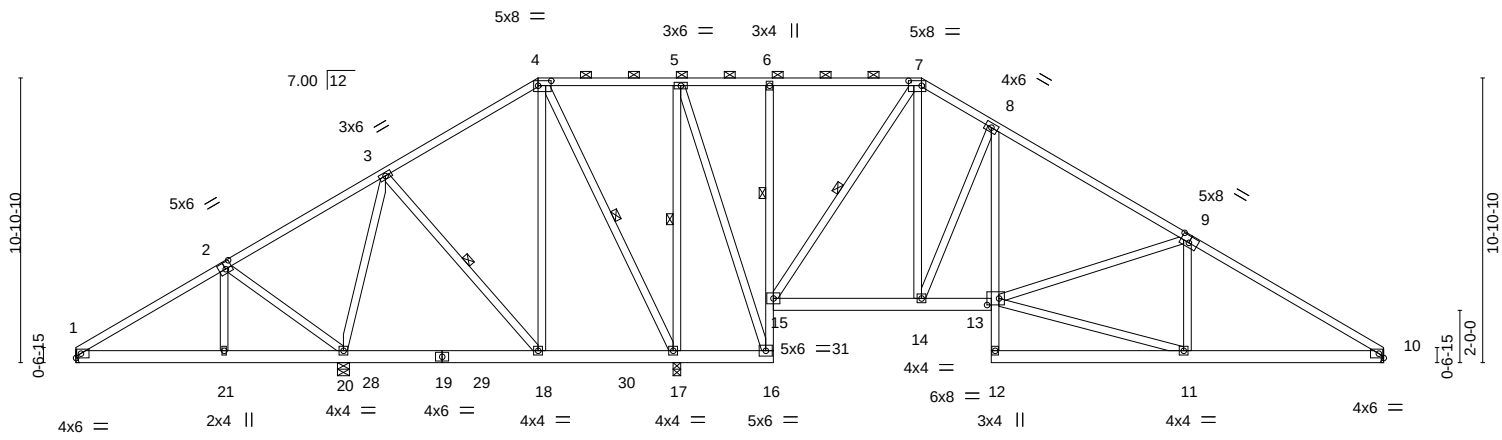
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-6=-54, 6-12=-54, 12-14=-54, 22-32=-20, 19-21=-20, 18-29=-20
   Concentrated Loads (lb)
   Vert: 17=-202(B) 11=-48(B) 35=-46(B) 36=-46(B) 41=-48(B) 42=-48(B) 43=-211(B) 44=-211(B) 45=-277(B) 46=-277(B) 47=-269(B) 48=-269(B) 49=-202(B) 50=-202(B) 51=-301(B) 52=-301(B) 53=-301(B) 54=-301(B)

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T09	Piggyback Base	2	1	T20466121
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:23 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-xYmQ5vEXDjpzT_hoWyIhO6_yOpGOjs?SyKnseKz61dk

5-8-0	11-10-0	17-8-0	22-11-12	26-8-0	32-4-0	35-0-0	42-6-0	50-0-0
5-8-0	6-2-0	5-10-0	5-3-12	3-8-4	5-8-0	2-8-0	7-6-0	7-6-0

Scale = 1:88.1



5-8-0	10-2-12	17-8-0	22-11-12	26-8-0	32-4-0	35-0-0	42-6-0	50-0-0
5-8-0	4-6-12	7-5-4	5-3-12	3-8-4	5-8-0	2-8-0	7-6-0	7-6-0

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

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	0.52	Vert(LL)	-0.06	12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.11	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.03	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 392 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* 6-16,8-12: 2x4 SP No.3
WEBS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-8-6 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): 4-7.
BOT CHORD	Rigid ceiling directly applied or 5-5-11 oc bracing. Except: 1 Row at midpt 6-15
WEBS	1 Row at midpt 3-18, 4-17, 5-17, 7-15

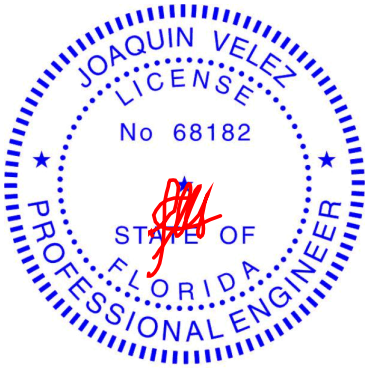
REACTIONS. All bearings Mechanical except (jt=length) 20=0-5-8, 17=0-3-8.
(lb) - Max Horz 1=-322(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) except 1=-130(LC 13), 10=-466(LC 13), 20=-449(LC 12), 17=-433(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 1=289(LC 23), 10=892(LC 20), 20=791(LC 19), 17=1857(LC 1)

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

TOP CHORD	1-2=-287/355, 2-3=-154/366, 3-4=-200/330, 4-5=-67/509, 5-6=-308/431, 6-7=-309/429, 7-8=-758/600, 8-9=-979/645, 9-10=-1334/732
BOT CHORD	1-21=-283/224, 20-21=-284/224, 16-17=-369/184, 15-16=-985/395, 6-15=-266/212, 14-15=-63/417, 13-14=-232/670, 8-13=-213/499, 10-11=-516/1062
WEBS	2-20=-442/531, 3-20=-412/330, 4-18=-26/258, 4-17=-588/167, 5-17=-1223/533, 5-16=-375/1022, 7-15=-801/224, 7-14=-390/856, 8-14=-764/477, 11-13=-521/1051, 9-13=-472/301

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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 130 lb uplift at joint 1, 466 lb uplift at joint 10, 449 lb uplift at joint 20 and 433 lb uplift at joint 17.
8) 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:
June 15,2020

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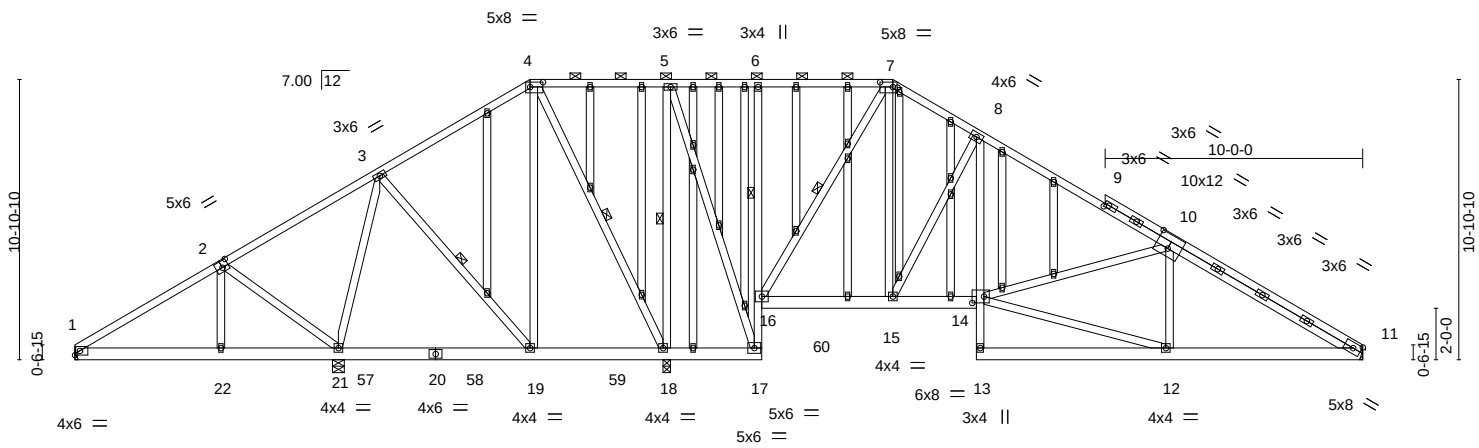
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T09G	GABLE	1	1	T20466122
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:27 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-pK?xxGH2HyJPyb?ZloNdZy9g7QdUffC2tyl3n5z61dg

5-8-0	11-10-0	17-8-0	22-11-12	26-8-0	31-9-1	35-0-0	42-6-0	50-0-0
5-8-0	6-2-0	5-10-0	5-3-12	3-8-4	5-1-1	3-2-15	7-6-0	7-6-0

Scale = 1:89.5



5-8-0	10-2-12	17-8-0	22-11-12	26-8-0	31-9-1	35-0-0	42-6-0	50-0-0
5-8-0	4-6-12	7-5-4	5-3-12	3-8-4	5-1-1	3-2-15	7-6-0	7-6-0

Plate Offsets (X,Y)-- [2:0-3-0,0-3-0], [4:0-6-0,0-2-4], [7:0-6-0,0-2-4], [9:0-2-0,0-1-8], [10:0-6-0,0-6-8], [14:0-5-8,0-3-0], [35:0-2-0,0-0-12]

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	0.41	Vert(LL)	0.07	13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.39	Vert(CT)	-0.12	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.03	11	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 529 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* 6-17,8-13: 2x4 SP No.3
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

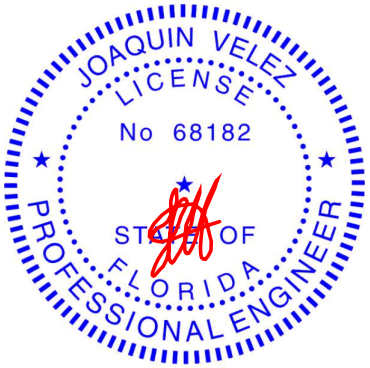
TOP CHORD	Structural wood sheathing directly applied or 5-3-14 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): 4-7.
BOT CHORD	Rigid ceiling directly applied or 5-4-12 oc bracing. Except: 1 Row at midpt 6-16
WEBS	1 Row at midpt 3-19, 4-18, 5-18, 7-16

REACTIONS. All bearings Mechanical except (jt=length) 21=0-5-8, 18=0-3-8.
(lb) - Max Horz 1=322(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) except 1=-124(LC 13), 11=-459(LC 13), 21=-444(LC 12), 18=-401(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 1=290(LC 23), 11=884(LC 20), 21=788(LC 19), 18=1873(LC 1)

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

TOP CHORD	1-2=-288/346, 2-3=-149/363, 3-4=-178/325, 4-5=-40/504, 5-6=-284/409, 6-7=-283/406, 7-8=-695/557, 8-10=-982/647, 10-11=-1304/731
BOT CHORD	1-22=-288/220, 21-22=-288/220, 17-18=-386/202, 16-17=-984/395, 15-16=-36/364, 14-15=-243/687, 8-14=-224/529, 11-12=-528/1077
WEBS	2-21=-442/532, 3-21=-408/321, 4-19=-28/259, 4-18=-594/158, 5-18=-1223/534, 5-17=-370/1014, 7-16=-801/230, 7-15=-365/824, 8-15=-792/479, 12-14=-534/1067, 10-14=-463/304

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) 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 124 lb uplift at joint 1, 459 lb uplift at joint 11, 444 lb uplift at joint 21 and 401 lb uplift at joint 18.
11) 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:
June 15,2020

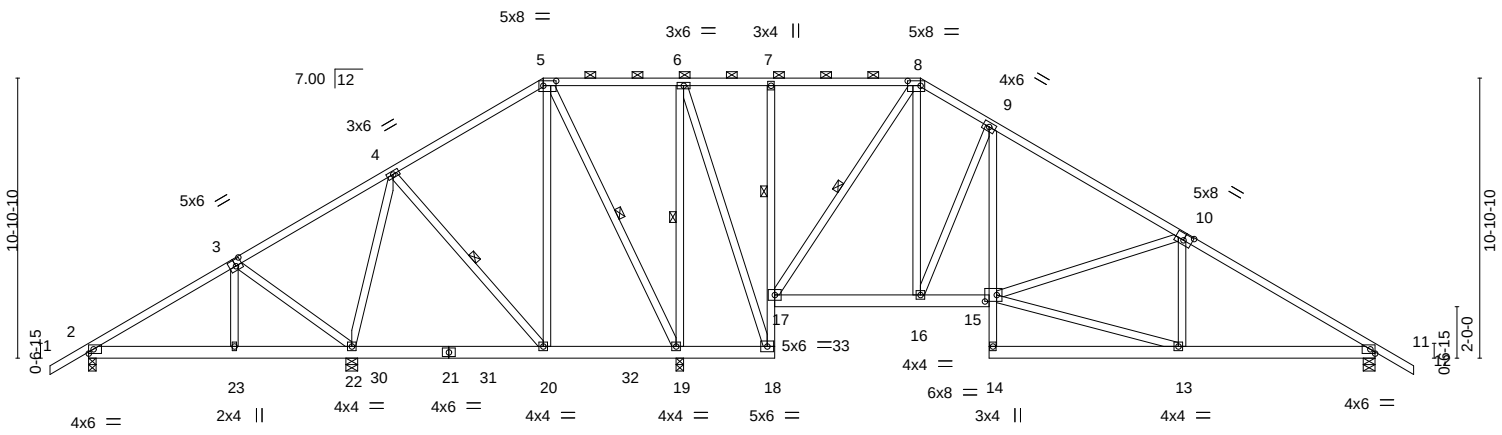
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T10	Piggyback Base	1	1	T20466123
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:29 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-li7hMyJlpZZ6Bv8ysDP5eNE_uEJp7a4LKGEArzz61de

1-6-0	5-8-0	11-10-0	17-8-0	22-11-12	26-8-0	32-4-0	35-0-0	42-6-0	50-0-0	51-6-0
1-6-0	5-8-0	6-2-0	5-10-0	5-3-12	3-8-4	5-8-0	2-8-0	7-6-0	7-6-0	1-6-0

Scale = 1:89.6



5-8-0	10-2-12	17-8-0	22-11-12	26-8-0	32-4-0	35-0-0	42-6-0	50-0-0
5-8-0	4-6-12	7-5-4	5-3-12	3-8-4	5-8-0	2-8-0	7-6-0	7-6-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [5:0-6-0,0-2-4], [8:0-6-0,0-2-4], [10:0-4-0,0-3-0], [15:0-5-8,0-3-0]

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	0.52	Vert(LL)	-0.06	14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.11	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.03	11	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 397 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* 7-18,9-14: 2x4 SP No.3
WEBS	2x4 SP No.3

BRACING-

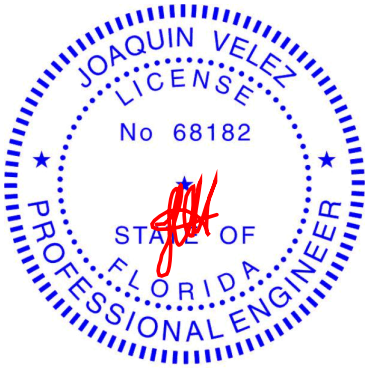
TOP CHORD	Structural wood sheathing directly applied or 4-8-10 oc purlins, except 2-0-0 oc purlins (9-10-2 max.): 5-8.
BOT CHORD	Rigid ceiling directly applied or 5-5-12 oc bracing. Except: 1 Row at midpt 7-17
WEBS	1 Row at midpt 4-20, 5-19, 6-19, 8-17

REACTIONS. All bearings 0-3-8 except (jt=length) 11=0-5-8, 22=0-5-8.
(lb) - Max Horz 2=-349(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-168(LC 12), 11=-532(LC 13), 22=-452(LC 12), 19=-422(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 2=373(LC 23), 11=975(LC 20), 22=788(LC 19), 19=1852(LC 1)

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

TOP CHORD	2-3=-268/382, 3-4=-148/387, 4-5=-224/361, 5-6=-95/537, 6-7=-332/464, 7-8=-332/464, 8-9=-774/637, 9-10=-993/676, 10-11=-1325/749
BOT CHORD	2-23=-273/215, 22-23=-274/215, 18-19=-369/183, 17-18=-983/380, 7-17=-266/212, 16-17=-47/415, 15-16=-214/667, 9-15=-206/503, 11-13=-493/1047
WEBS	3-22=-448/518, 4-22=-416/348, 5-20=-21/256, 5-19=-599/159, 6-19=-1220/518, 6-18=-359/1019, 8-17=-798/205, 8-16=-384/852, 9-16=-767/472, 13-15=-497/1034, 10-15=-474/297

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 168 lb uplift at joint 2, 532 lb uplift at joint 11, 452 lb uplift at joint 22 and 422 lb uplift at joint 19.
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:
June 15,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T11	PIGGYBACK BASE	2	1	T20466124
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055 — 8.240 e Apr 4 2020 MiTek Industries, Inc. Mon Jun 15 15:17:09 2020 Page 1

ID:zju42tw2FM7jvAVPAbcsl?yGyPk-GkwX7BaJecAoynF1xjCHZHQdzdqaB0wieIHRerz60B8

1-6-0	5-8-0	11-10-0	17-8-0	25-0-0	32-4-0	35-9-4	42-6-0	50-0-0	51-6-0
1-6-0	5-8-0	6-2-0	5-10-0	7-4-0	7-4-0	3-5-4	6-8-12	7-6-0	1-6-0

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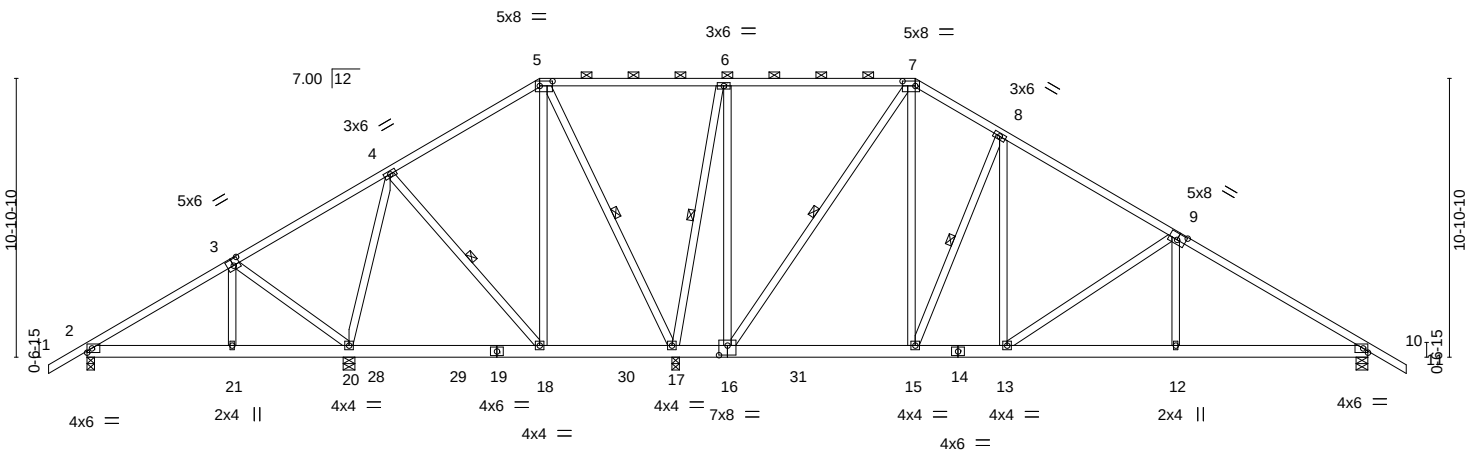


5-8-0	10-2-12	17-8-0	22-11-12	25-0-0	32-4-0	35-9-4	42-6-0	50-0-0
5-8-0	4-6-12	7-5-4	5-3-12	2-0-4	7-4-0	3-5-4	6-8-12	7-6-0

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], [9:0-4-0,0-3-0], [16:0-4-0,0-4-8]

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	0.71	Vert(LL)	0.06	13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	-0.10	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 380 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* 7-16: 2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-7-11 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-7. [PSA]
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 4-18, 5-17, 6-17, 7-16, 8-15

REACTIONS. All bearings 0-3-8 except (jt=length) 20=0-5-8, 10=0-5-8.

(lb) - Max Horz 2=-349(LC 10)

Max Uplift All uplift 100 lb or less at joint(s) except 2=-132(LC 12), 20=-387(LC 12), 17=-512(LC 13), 10=-411(LC 13)

Max Grav All reactions 250 lb or less at joint(s) except 2=395(LC 23), 20=848(LC 19), 17=1762(LC 1), 10=975(LC 20)

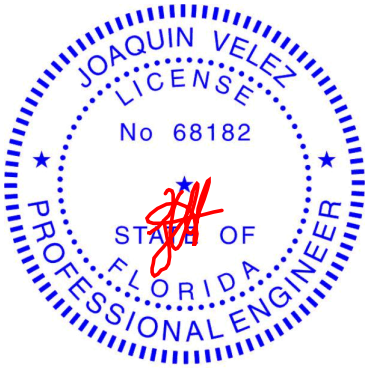
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-308/263, 3-4=-117/291, 5-6=0/292, 7-8=-580/407, 8-9=-826/418, 9-10=-1339/537
BOT CHORD	2-21=-299/271, 20-21=-300/271, 20-28=-236/324, 28-29=-236/324, 19-29=-236/324, 18-19=-236/324, 18-30=-312/408, 17-30=-312/408, 16-17=-337/387, 16-31=-43/491, 15-31=-43/491, 14-15=-17/626, 13-14=-17/626, 12-13=-316/1082, 10-12=-316/1077
WEBS	3-20=-452/525, 4-20=-475/246, 5-17=-501/226, 6-17=-1142/567, 7-16=-856/377, 7-15=-371/839, 8-15=-679/422, 8-13=-166/420, 9-13=-661/386, 9-12=0/312, 6-16=-206/766

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 132 lb uplift at joint 2, 387 lb uplift at joint 20, 512 lb uplift at joint 17 and 411 lb uplift at joint 10.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard



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Date:

June 15,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES. T20466125
2368253	T12	Piggyback Base	4	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:36 2020 Page 1
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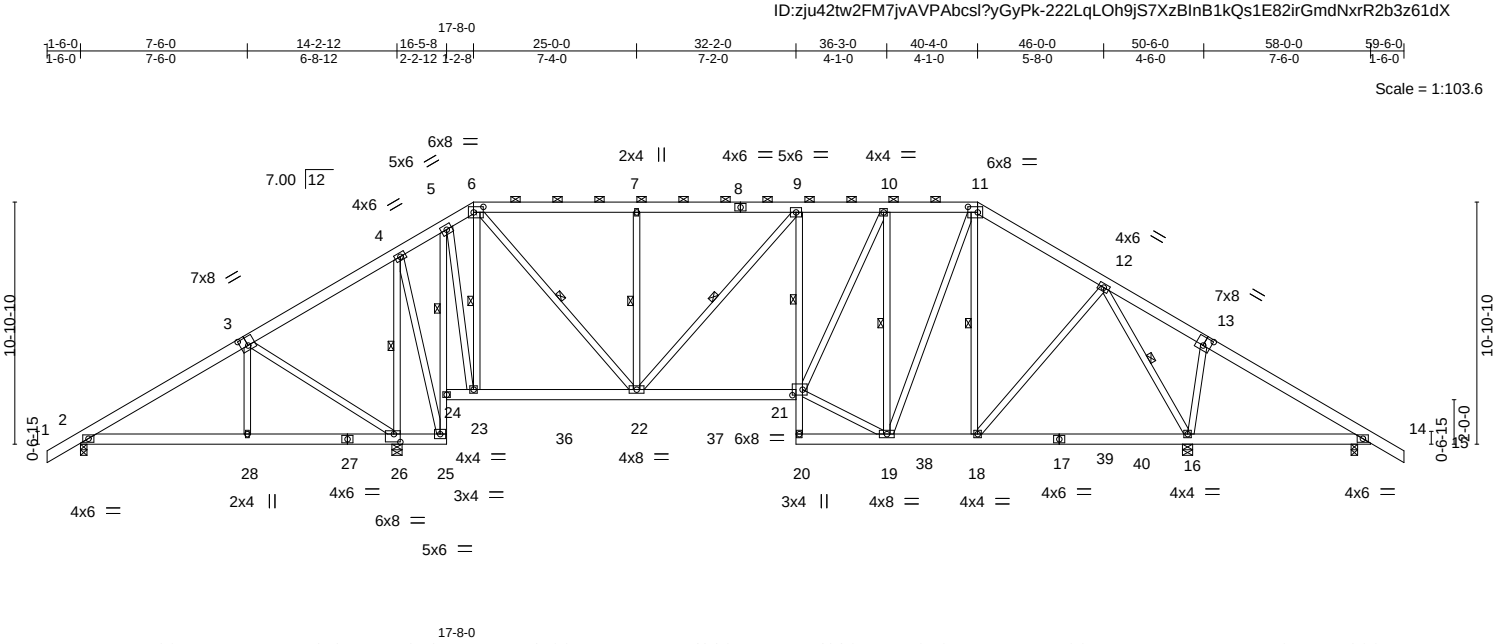


Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [6:0-5-4,0-3-0], [11:0-5-4,0-3-0], [13:0-4-0,0-4-8], [21:0-5-8,0-3-0], [26:0-3-8,0-4-4]

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	0.27	Vert(LL)	-0.10	21-22	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.18	21-22	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.09	16	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 524 lb	FT = 20%

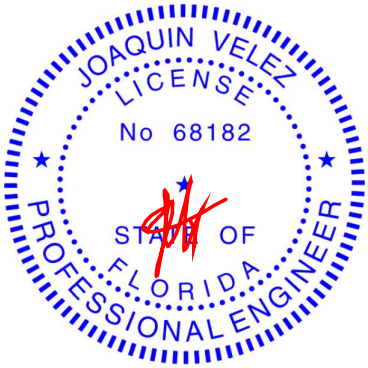
LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
5-25,9-20: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 6-11.
BOT CHORD Rigid ceiling directly applied or 5-0-1 oc bracing. Except:
1 Row at midpt 5-24, 9-21
WEBS 1 Row at midpt 4-26, 6-23, 6-22, 7-22, 9-22, 10-19, 11-18, 12-16

REACTIONS. All bearings 0-3-8 except (jt=length) 26=0-5-8, 16=0-5-8.
(lb) - Max Horz 2=-349(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-299(LC 13), 26=-944(LC 9), 16=-556(LC 8), 14=-239(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 14 except 2=428(LC 23), 26=2068(LC 1), 16=1795(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-496/710, 3-4=-290/648, 4-5=-420/521, 5-6=-529/538, 6-7=-964/811, 7-9=-964/811, 9-10=-1205/894, 10-11=-912/776, 11-12=-941/716, 12-13=-128/470, 13-14=-109/402
BOT CHORD 2-28=-449/313, 26-28=-454/315, 25-26=-279/128, 24-25=-1199/483, 5-24=-1208/451, 21-22=-442/1212, 18-19=-191/755, 16-18=-168/433, 14-16=-256/79
WEBS 3-28=-295/291, 3-26=-597/692, 4-26=-1576/652, 4-25=-443/1161, 5-23=-408/1060, 6-23=-936/468, 6-22=-512/1164, 7-22=-448/334, 9-22=-375/143, 19-21=-324/1010, 10-21=-328/728, 10-19=-811/445, 11-19=-298/477, 12-18=-213/579, 12-16=-1405/480, 13-16=-392/319

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; cantilever right exposed ; 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 299 lb uplift at joint 2, 944 lb uplift at joint 26, 556 lb uplift at joint 16 and 239 lb uplift at joint 14.
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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June 15,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T12G	GABLE	1	1	T20466126
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:45 2020 Page 1
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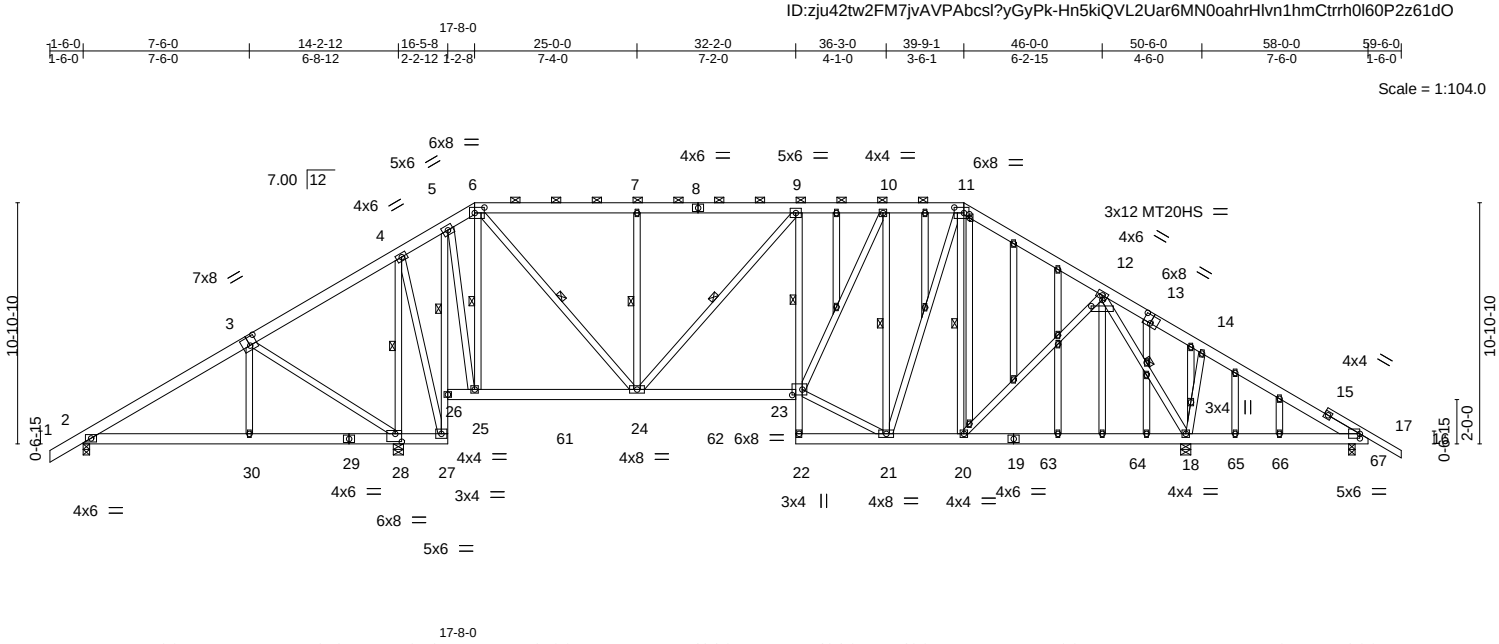


Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [6:0-5-4,0-3-0], [11:0-5-4,0-3-0], [12:0-6-0,0-3-5], [13:0-0-0,0-2-12], [13:0-4-0,0-4-4], [16:0-0-0,0-2-7], [23:0-5-8,0-3-0], [28:0-3-8,0-4-4], [37:0-2-0,0-0-0], [47:0-2-0,0-0-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	-0.09	23-24	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.18	23-24	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.65	Horz(CT)	0.09	18	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 601 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2 *Except* 15-17: 2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* 5-27,9-22: 2x4 SP No.3
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

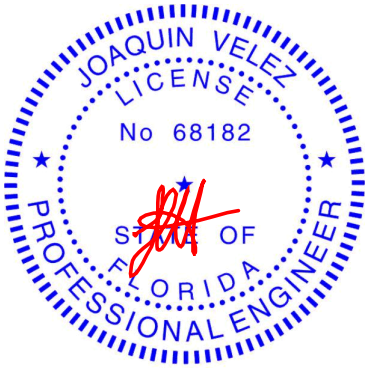
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 6-11.
BOT CHORD	Rigid ceiling directly applied or 5-0-10 oc bracing. Except: 1 Row at midpt 5-26, 9-23
WEBS	1 Row at midpt 4-28, 6-25, 6-24, 7-24, 9-24, 10-21, 11-20, 12-18

REACTIONS. All bearings 0-3-8 except (jt=length) 28=0-5-8, 18=0-5-8.
(lb) - Max Horz 2=-348(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-297(LC 35), 28=-938(LC 5), 18=-612(LC 9), 16=-251(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 2=430(LC 26), 28=2058(LC 1), 18=1752(LC 1), 16=297(LC 33)

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

TOP CHORD	2-3=-325/486, 3-4=-287/638, 4-5=-220/516, 5-6=-336/495, 6-7=-942/609, 7-9=-942/609, 9-10=-1172/684, 10-11=-868/558, 11-12=-965/528, 12-14=-199/571, 14-16=-187/482
BOT CHORD	2-30=-283/206, 28-30=-283/206, 27-28=-274/106, 26-27=-1172/478, 5-26=-1187/447, 23-24=-435/1176, 20-21=-197/753, 18-20=-124/419, 16-18=-351/171
WEBS	3-30=-137/291, 3-28=-540/388, 4-28=-1566/647, 4-27=-438/1139, 5-25=-405/1044, 6-25=-929/464, 6-24=-475/1152, 7-24=-447/330, 9-24=-356/116, 21-23=-314/967, 10-23=-333/737, 10-21=-790/433, 11-21=-291/432, 12-20=-238/562, 12-18=-1527/525, 14-18=-337/305

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; cantilever right exposed ; porch left and right exposed; 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 MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 297 lb uplift at joint 2, 938 lb uplift at joint 28, 612 lb uplift at joint 18 and 251 lb uplift at joint 16.



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Date:
June 15,2020

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T12G	GABLE	1	1	T20466126 Job Reference (optional)

NOTES-

11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 56 lb down and 64 lb up at 51-11-4, and 56 lb down and 64 lb up at 53-11-4, and 155 lb down and 118 lb up at 55-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
13) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-6=-54, 6-11=-54, 11-17=-54, 27-52=-20, 23-26=-20, 22-55=-20
   Concentrated Loads (lb)
   Vert: 65=20(F) 66=20(F) 67=20(F)

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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES. T20466127
2368253	T13	Piggyback Base	4	1	Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:49 2020 Page 1
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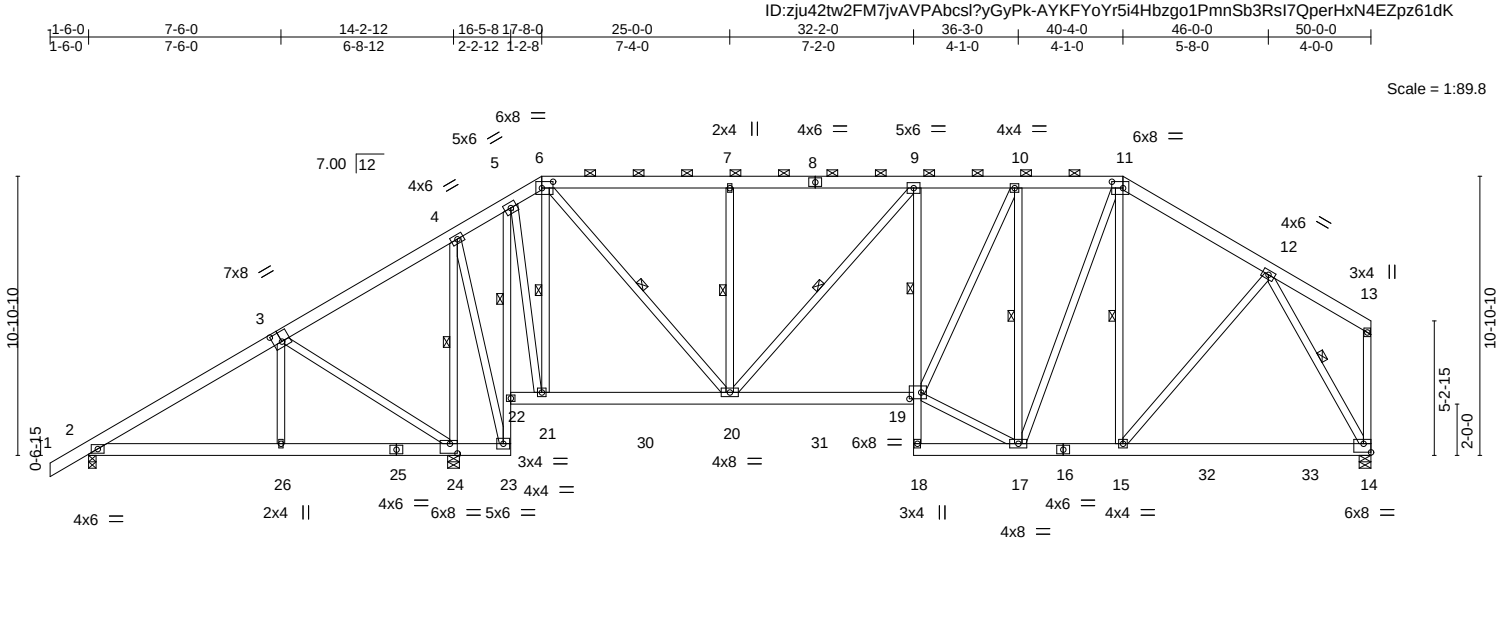


Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [6:0-5-4,0-3-0], [11:0-5-4,0-3-0], [14:Edge,0-4-0], [19:0-5-8,0-3-0], [24:0-3-8,0-4-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.33	Vert(LL)	-0.10	19-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.18	19-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.10	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 480 lb	FT = 20%

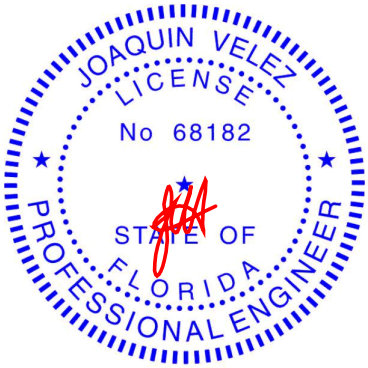
LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
5-23,9-18: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-11.
BOT CHORD Rigid ceiling directly applied or 4-11-13 oc bracing. Except:
1 Row at midpt 5-22, 9-19
WEBS 1 Row at midpt 4-24, 6-21, 6-20, 7-20, 9-20, 10-17, 11-15, 12-14

REACTIONS. (size) 2=0-3-8, 24=0-5-8, 14=0-5-8
Max Horz 2=385(LC 12)
Max Uplift 2=-169(LC 12), 24=-951(LC 9), 14=-403(LC 8)
Max Grav 2=425(LC 23), 24=2112(LC 1), 14=1285(LC 26)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-265/378, 3-4=-284/476, 4-5=-220/258, 5-6=-367/308, 6-7=-1017/653, 7-9=-1017/653, 9-10=-1299/779, 10-11=-984/646, 11-12=-1078/591
BOT CHORD 2-26=-443/306, 24-26=-448/308, 23-24=-284/133, 22-23=-1242/489, 5-22=-1241/457, 19-20=-524/1306, 15-17=-313/873, 14-15=-283/599
WEBS 3-26=-295/291, 3-24=-597/693, 4-24=-1619/709, 4-23=-449/1203, 5-21=-413/1084, 6-21=-967/473, 6-20=-570/1221, 7-20=-448/338, 9-20=-438/195, 17-19=-425/1110, 10-19=-328/734, 10-17=-816/445, 11-17=-284/420, 12-15=-184/460, 12-14=-1219/593

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 169 lb uplift at joint 2, 951 lb uplift at joint 24 and 403 lb uplift at joint 14.
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:
June 15,2020

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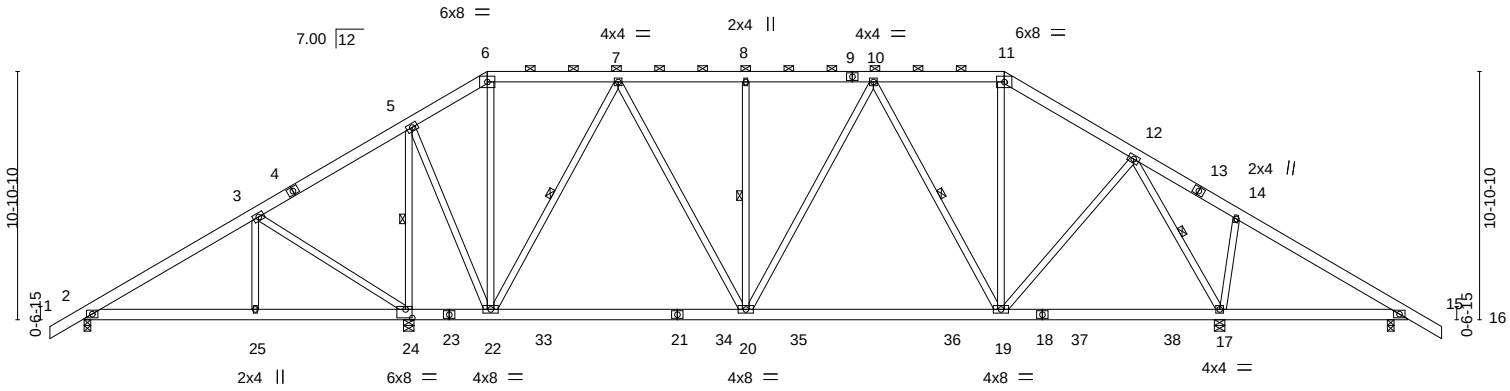
Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T14	Piggyback Base	4	1	T20466128
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:52 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-a70OApbkOdTsSRPMjYKU3Eh_ZV5M0?HjdLJu98z61dH

-1-6-0	7-6-0	14-2-12	17-8-0	23-4-14	29-0-0	34-7-2	40-4-0	46-0-0	50-6-0	58-0-0	59-6-0
1-6-0	7-6-0	6-8-12	3-5-4	5-8-14	5-7-2	5-7-2	5-8-14	5-8-0	4-6-0	7-6-0	1-6-0

Scale = 1:101.0



7-6-0	14-2-12	17-8-0	29-0-0	40-4-0	49-9-4	57-5-0	58-0-0
7-6-0	6-8-12	3-5-4	11-4-0	11-4-0	9-5-4	7-7-12	0-7-0

Plate Offsets (X,Y)-- [24:0-3-8,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	-0.14	20-22	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.24	20-22	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.03	17	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 478 lb	FT = 20%

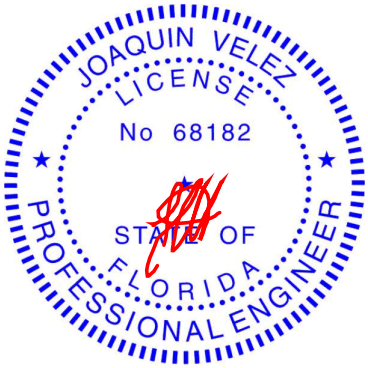
LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 6-11.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 22-24,15-17.
WEBS 1 Row at midpt 5-24, 7-22, 8-20, 10-19, 12-17

REACTIONS. All bearings 0-3-8 except (jt=length) 24=0-5-8, 17=0-5-8.
(lb) - Max Horz 2=-349(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-208(LC 12), 24=-845(LC 9), 17=-522(LC 8), 15=-215(LC 13)
Max Grav All reactions 250 lb or less at joint(s) except 2=558(LC 23), 24=1903(LC 1), 17=1758(LC 2), 15=348(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-527/464, 5-6=-519/356, 6-7=-429/335, 7-8=-1184/704, 8-10=-1184/704, 10-11=-934/640, 11-12=-1141/666, 12-14=-223/314
BOT CHORD 2-25=-314/459, 24-25=-314/459, 22-24=-256/347, 20-22=-354/916, 19-20=-394/1130, 17-19=-144/576
WEBS 3-25=-303/310, 3-24=-613/699, 5-24=-1582/717, 5-22=-378/1169, 7-22=-978/542, 7-20=-248/662, 8-20=-281/217, 10-19=-469/329, 11-19=-117/326, 12-19=-210/595, 12-17=-1410/420, 14-17=-390/321

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; cantilever right exposed ; 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) All plates are 4x6 MT20 unless otherwise indicated.
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 208 lb uplift at joint 2, 845 lb uplift at joint 24, 522 lb uplift at joint 17 and 215 lb uplift at joint 15.
8) 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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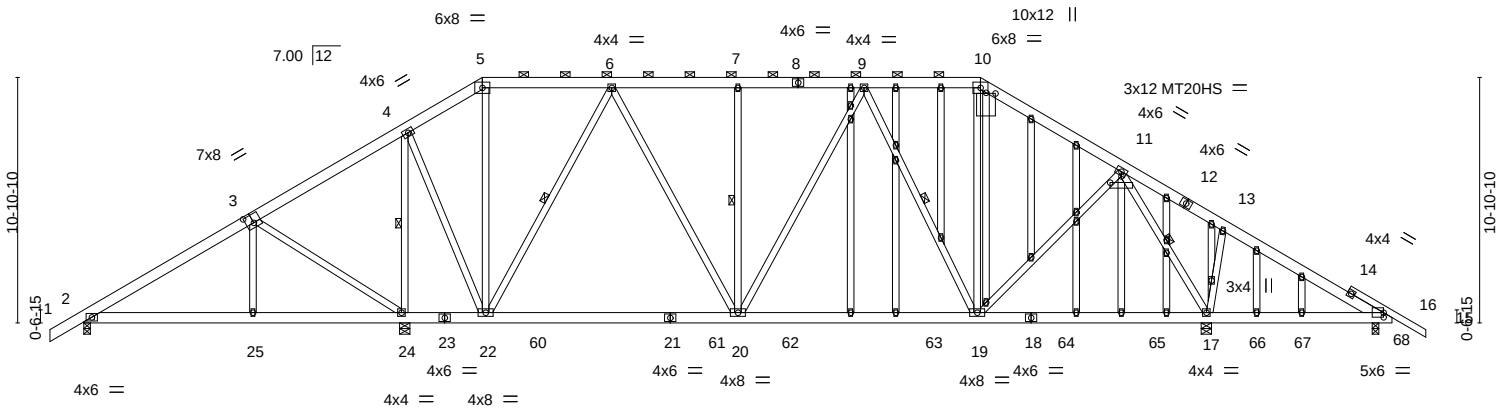
Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T14G	GABLE	1	1	T20466129
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:38:57 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-x5pHEXfsDA58YCHKV5vfmHPpJWp9hHNSmc0frMz61dC

-1-6-0	7-6-0	14-2-12	17-8-0	23-4-14	29-0-0	34-7-2	39-9-1	46-0-0	50-6-0	58-0-0	59-6-0
1-6-0	7-6-0	6-8-12	3-5-4	5-8-14	5-7-2	5-7-2	5-1-15	6-2-15	4-6-0	7-6-0	1-6-0

Scale = 1:102.2



7-6-0	14-2-12	17-8-0	29-0-0	39-9-1	49-9-4	57-5-0	58-0-0
7-6-0	6-8-12	3-5-4	11-4-0	10-9-1	10-0-3	7-7-12	0-7-0

Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [11:0-6-0,0-3-5], [15:0-0-0,0-2-7], [42:0-0-6,0-5-0]

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	0.36	Vert(LL)	-0.14	20-22	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.25	20-22	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.68	Horz(CT)	0.03	17	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 580 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2 *Except* 14-16: 2x4 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

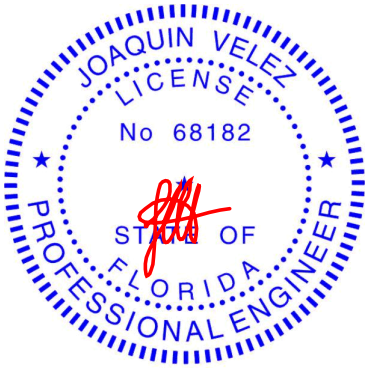
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-10.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 22-24,15-17.
WEBS	1 Row at midpt 4-24, 6-22, 7-20, 9-19, 11-17

REACTIONS. All bearings 0-3-8 except (jt=length) 24=0-5-8, 17=0-5-8.
(lb) - Max Horz 2=-348(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-206(LC 8), 24=-839(LC 5), 17=-582(LC 9), 15=-227(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 2=558(LC 19), 24=1896(LC 1), 17=1771(LC 2), 15=342(LC 41)

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

TOP CHORD	2-3=-527/201, 4-5=-514/302, 5-6=-407/276, 6-7=-1164/550, 7-9=-1164/550, 9-10=-941/462, 10-11=-1158/489, 11-13=-143/377, 13-15=-134/303
BOT CHORD	2-25=-317/465, 24-25=-320/466, 22-24=-136/299, 20-22=-351/912, 19-20=-384/1108, 17-19=-119/560
WEBS	3-25=-141/310, 3-24=-563/391, 4-24=-1579/562, 4-22=-357/1162, 6-22=-960/482, 6-20=-197/645, 7-20=-287/215, 9-19=-449/326, 10-19=-87/342, 11-19=-234/602, 11-17=-1528/487, 13-17=-339/304

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; cantilever right exposed ; porch left and right exposed; 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 MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 206 lb uplift at joint 2, 839 lb uplift at joint 24, 582 lb uplift at joint 17 and 227 lb uplift at joint 15.
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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Continued on page 2

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NOTES-

12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 56 lb down and 64 lb up at 51-11-4, and 56 lb down and 64 lb up at 53-11-4, and 155 lb down and 118 lb up at 55-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
13) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

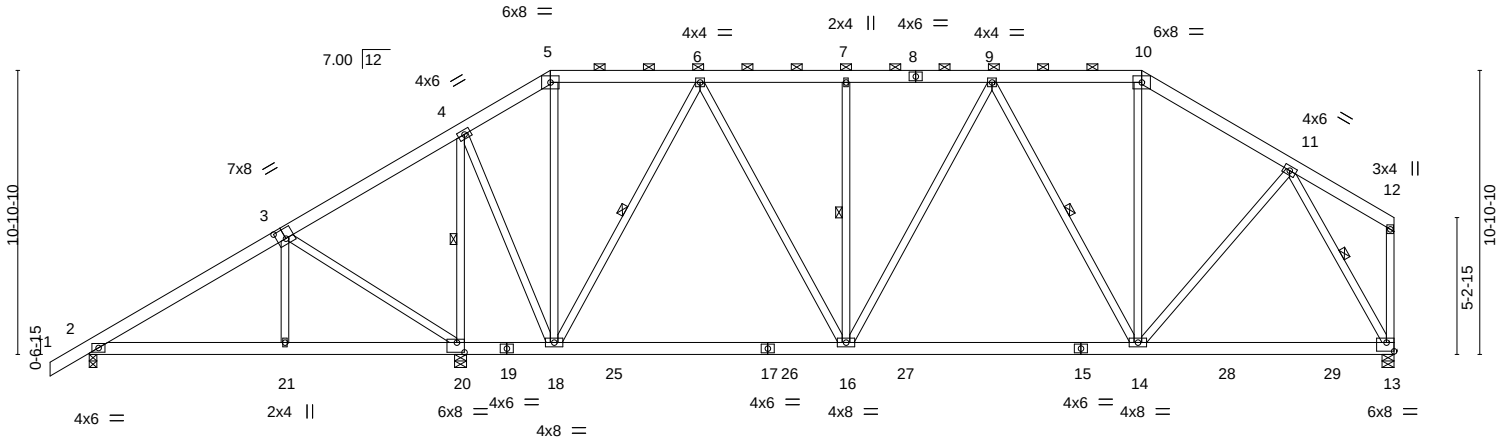
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-10=-54, 10-16=-54, 51-54=-20
   Concentrated Loads (lb)
   Vert: 66=20(B) 67=20(B) 68=20(B)

Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T15	Piggyback Base	2	1	T20466130
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:39:00 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-LgVPsYhlW5TjPg0vBDTMOw0L1krIudEvTaFJRgz61d9

1-6-0	7-6-0	14-2-12	17-8-0	23-4-14	29-0-0	34-7-2	40-4-0	46-0-0	50-0-0
1-6-0	7-6-0	6-8-12	3-5-4	5-8-14	5-7-2	5-7-2	5-8-14	5-8-0	4-0-0

Scale = 1:88.3



7-6-0	14-2-12	17-8-0	29-0-0	40-4-0	50-0-0
7-6-0	6-8-12	3-5-4	11-4-0	11-4-0	9-8-0

Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [13:Edge,0-4-0], [20:0-3-8,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.27	Vert(LL)	-0.14	16-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.24	16-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.04	13	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 434 lb	FT = 20%

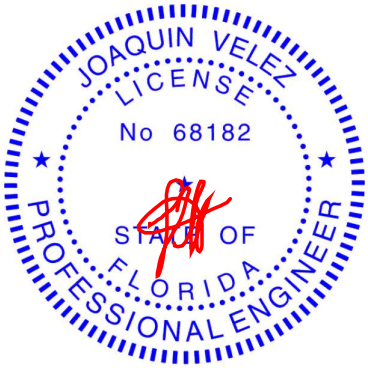
LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-10.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 18-20.
WEBS 1 Row at midpt 4-20, 6-18, 9-14, 11-13, 7-16

REACTIONS. (size) 2=0-3-8, 20=0-5-8, 13=0-5-8
Max Horz 2=385(LC 12)
Max Uplift 2=-173(LC 12), 20=-847(LC 9), 13=-403(LC 8)
Max Grav 2=561(LC 23), 20=1918(LC 1), 13=1399(LC 26)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-533/336, 4-5=-533/256, 5-6=-423/247, 6-7=-1217/622, 7-9=-1217/622, 9-10=-994/562, 10-11=-1212/579
BOT CHORD 2-21=-407/430, 20-21=-412/431, 16-18=-353/895, 14-16=-402/1177, 13-14=-277/665
WEBS 3-21=-302/310, 3-20=-616/704, 4-20=-1605/782, 4-18=-430/1185, 6-18=-1001/544, 6-16=-250/685, 9-14=-447/324, 10-14=-77/364, 11-14=-203/536, 11-13=-1357/578, 7-16=-281/217

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 173 lb uplift at joint 2, 847 lb uplift at joint 20 and 403 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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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T16	Roof Special Girder	1	1	T20466131
					Job Reference (optional)

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ID:zju42tw2FM7jvAVPAbcsl?yGyPk-I2cAHEi?2ijRfzAHIeVqTL6cDXXiMYqCwukQWZz61d7

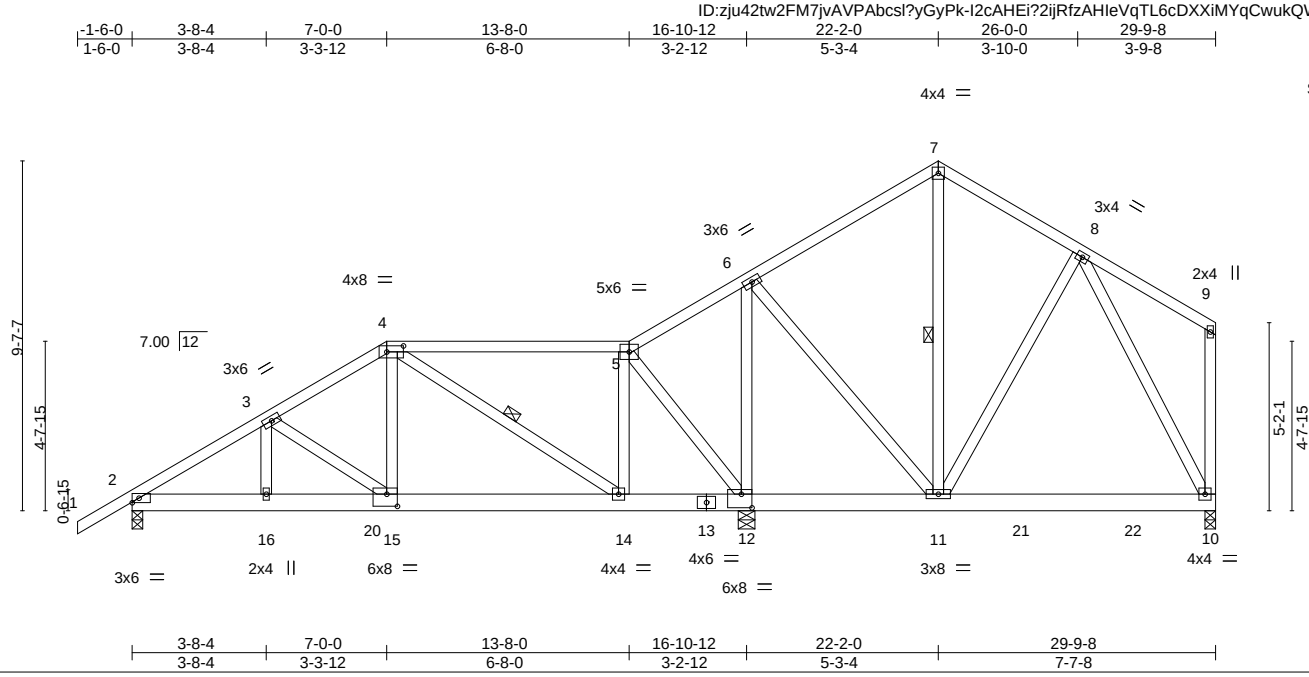


Plate Offsets (X,Y)-- [4:0-5-8,0-2-0], [12:0-3-8,0-4-8], [15:0-3-8,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.61	Vert(LL)	0.08	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.58	Vert(CT)	-0.08	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.60	Horz(CT)	-0.02	12	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 223 lb	FT = 20%

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

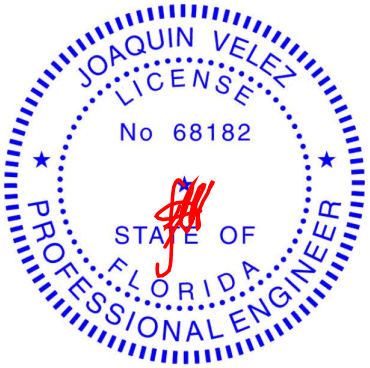
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-10-2 oc bracing.
WEBS 1 Row at midpt 4-14, 7-11

REACTIONS. (size) 2=0-3-8, 12=0-5-8, 10=0-3-8
Max Horz 2=356(LC 27)
Max Uplift 2=-791(LC 8), 12=-1088(LC 8), 10=-211(LC 28)
Max Grav 2=1168(LC 1), 12=1749(LC 1), 10=518(LC 16)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1764/1266, 3-4=-1504/1163, 4-5=-319/246, 5-6=-373/402, 6-7=-326/229, 7-8=-280/216
BOT CHORD 2-16=-1332/1472, 15-16=-1332/1472, 14-15=-1179/1315, 12-14=-238/295, 11-12=-308/361
WEBS 3-15=-260/227, 4-15=-1065/1108, 4-14=-1194/1118, 5-14=-661/711, 5-12=-994/747, 6-12=-845/509, 6-11=-277/530, 8-10=-374/164

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; porch left exposed; 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 791 lb uplift at joint 2, 1088 lb uplift at joint 12 and 211 lb uplift at joint 10.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 953 lb down and 993 lb up at 6-7-4 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: 1-4=-54, 4-5=-54, 5-7=-54, 7-9=-54, 10-17=-20
Concentrated Loads (lb)
Vert: 20=-953(F)



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
June 15,2020

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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T17	Common Girder	1	2	T20466132
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:39:04 2020 Page 1
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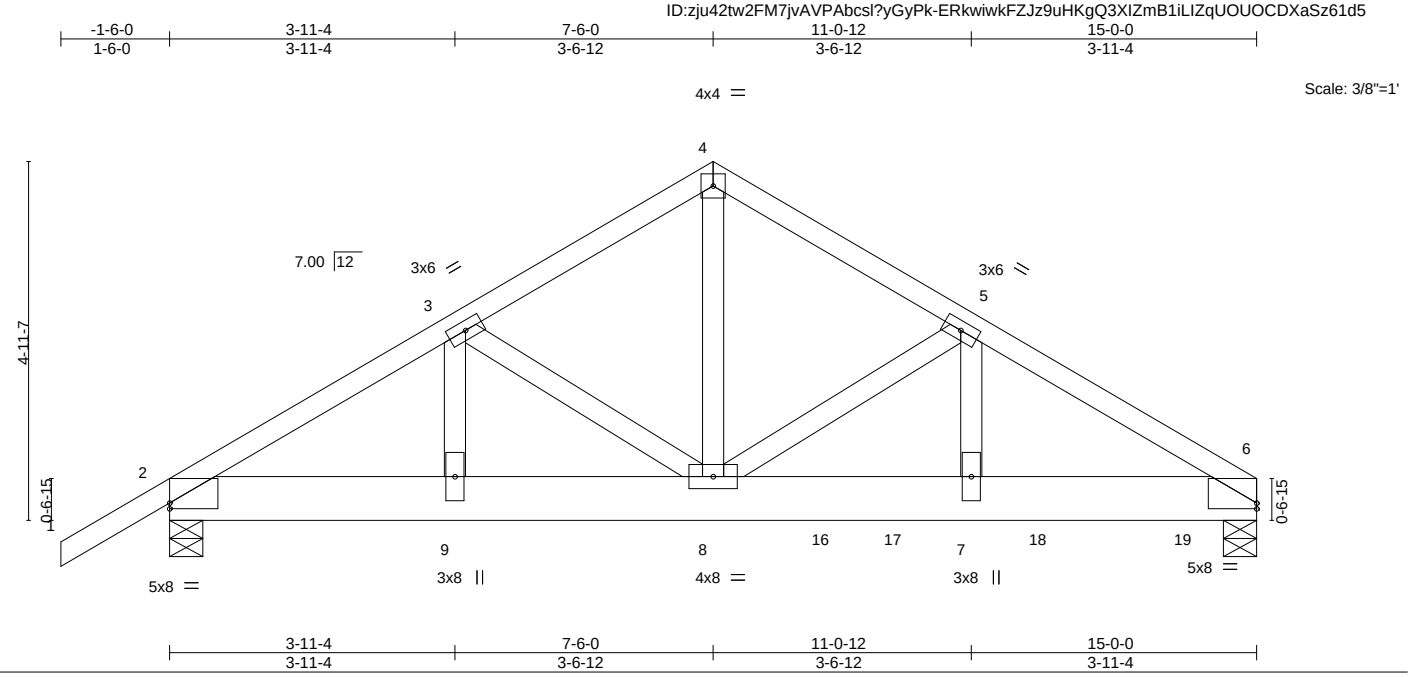


Plate Offsets (X,Y)-- [2:0-0-0,0-0-15], [6:0-0-0,0-0-15]

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	0.23	Vert(LL)	0.05	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.07	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.47	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 197 lb	FT = 20%

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

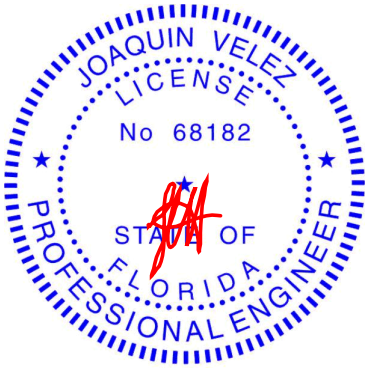
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-5-8, 2=0-5-8
Max Horz 2=154(LC 5)
Max Uplift 6=-1546(LC 9), 2=-764(LC 8)
Max Grav 6=3567(LC 1), 2=1659(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2569/1153, 3-4=-2701/1299, 4-5=-2700/1295, 5-6=-4542/2075
BOT CHORD 2-9=-1018/2178, 8-9=-1018/2178, 7-8=-1725/3895, 6-7=-1725/3895
WEBS 4-8=-1185/2471, 5-8=-1948/954, 5-7=-795/1839, 3-8=-371/405, 3-9=-320/250

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 0-6-0 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1546 lb uplift at joint 6 and 764 lb uplift at joint 2.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1611 lb down and 915 lb up at 9-0-12, 556 lb down and 229 lb up at 10-0-12, and 612 lb down and 266 lb up at 12-0-12, and 1256 lb down and 496 lb up at 14-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 10-13=-20
Concentrated Loads (lb)
Vert: 16=-1611(B) 17=-556(B) 18=-612(B) 19=-1256(B)



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June 15,2020

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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T17G	Common Supported Gable	1	1	T20466133
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:39:06 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-Aqsg6cmW5xDs8bT3XUameBGOr80RIVVnrWiefKz61d3

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1-6-0 | 7-6-0 | 7-6-0 | 1-6-0

Scale = 1:29.8

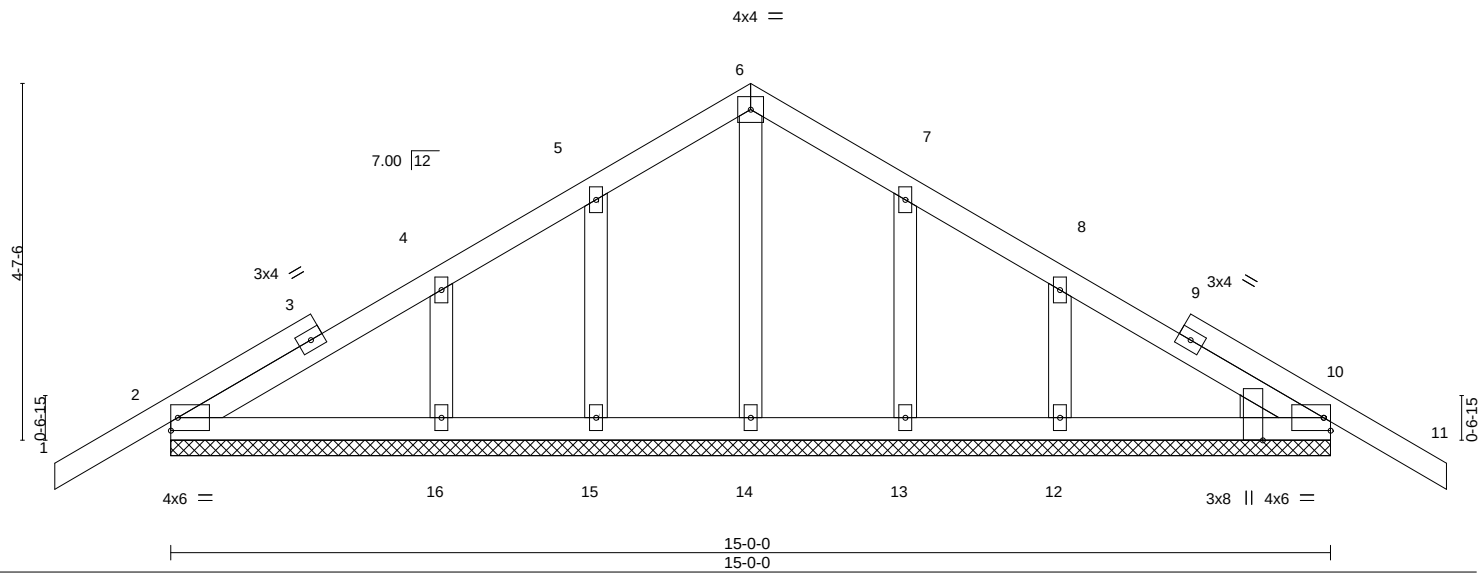


Plate Offsets (X,Y)-- [10:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	-0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 80 lb	FT = 20%

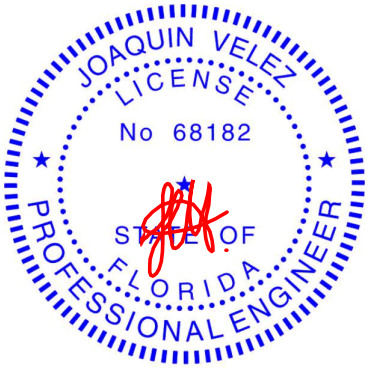
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3
WEDGE
Right: 2x4 SP No.3

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

REACTIONS. All bearings 15-0-0.
(lb) - Max Horz 2=-154(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 15 except 10=-101(LC 13), 16=-143(LC 12), 13=-100(LC 13), 12=-131(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 10, 14, 15, 16, 13, 12

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 15 except (jt=lb) 10=101, 16=143, 13=100, 12=131.



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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T18	Roof Special	4	1	T20466134
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:39:07 2020 Page 1
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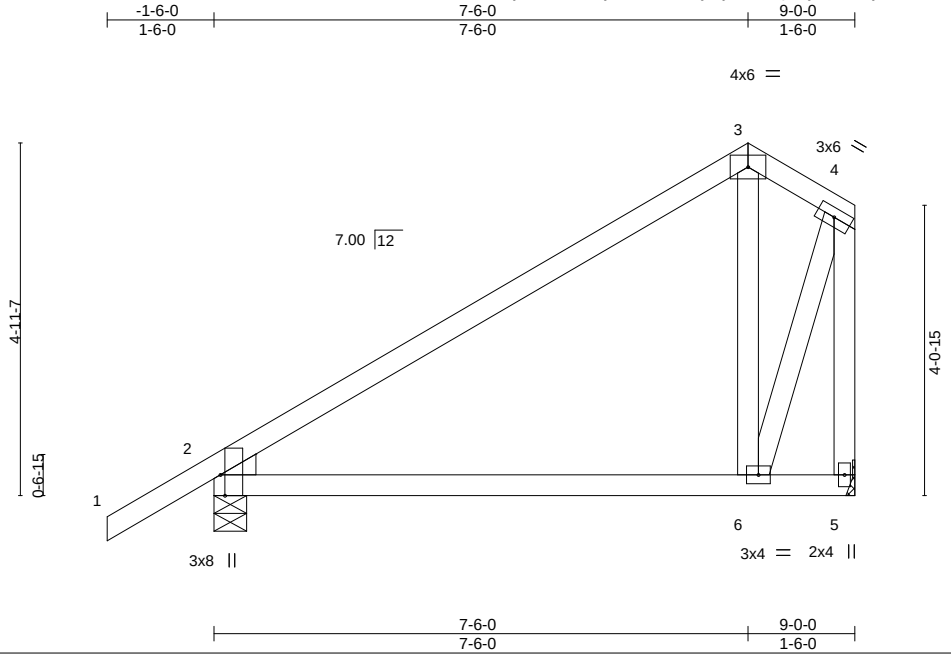


Plate Offsets (X,Y)-- [2:0-0-5,0-0-9], [2:0-0-10,0-5-1], [2:0-3-8,Edge]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	0.13	6-9	>817	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.18	6-9	>604	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.03	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 50 lb	FT = 20%

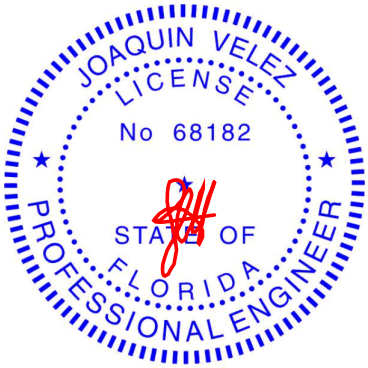
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 2=0-5-8, 5=Mechanical
Max Horz 2=227(LC 12)
Max Uplift 2=-156(LC 12), 5=-169(LC 12)
Max Grav 2=415(LC 1), 5=325(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-259/51, 4-5=-525/256
WEBS 4-6=-287/550

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.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=156, 5=169.



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June 15,2020

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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T19	Common Girder	1	2	T20466135
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:39:09 2020 Page 1
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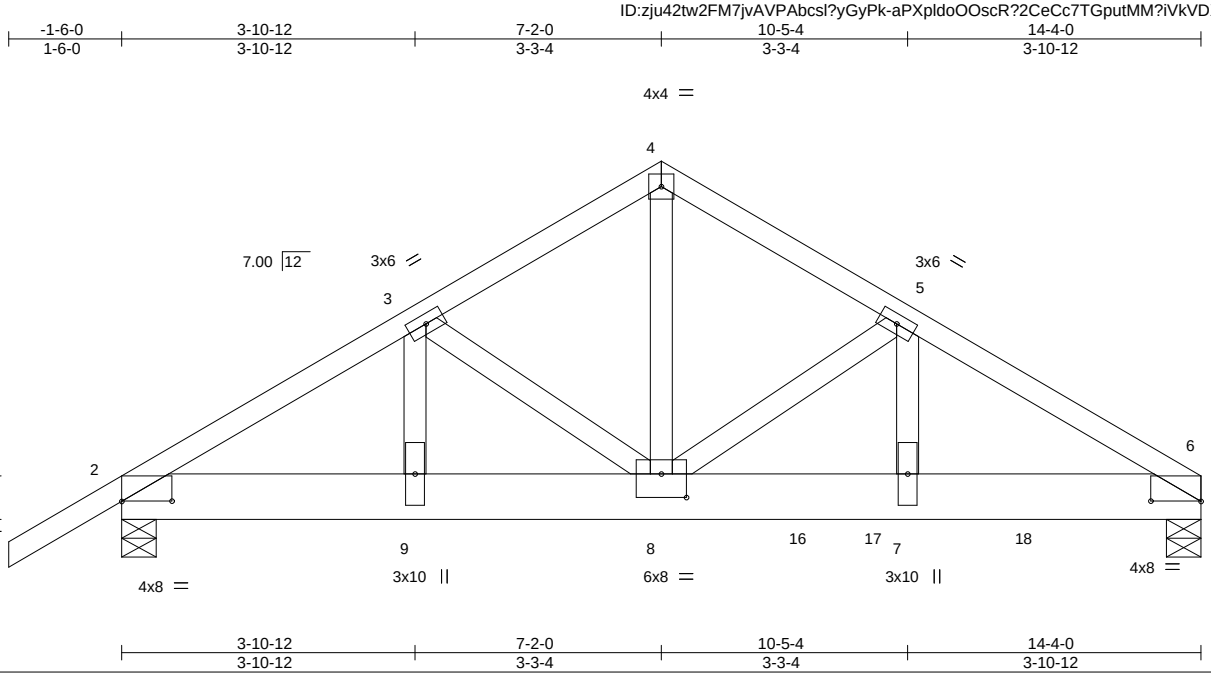


Plate Offsets (X,Y)-- [2:0-8-0,0-0-1], [6:0-8-0,0-0-1], [8:0-4-0,0-3-12]

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	0.29	Vert(LL)	0.06	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.30	Vert(CT)	-0.08	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.54	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 188 lb	FT = 20%

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

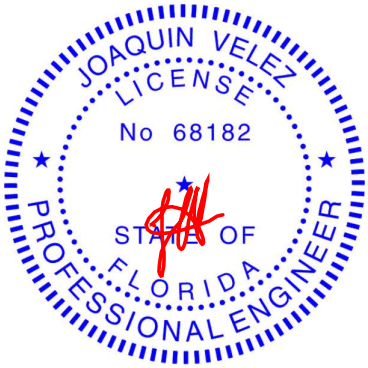
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-5-8, 2=0-5-8
Max Horz 2=148(LC 7)
Max Uplift 6=-1739(LC 9), 2=-939(LC 8)
Max Grav 6=3236(LC 1), 2=1827(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2858/1460, 3-4=-3067/1665, 4-5=-3054/1659, 5-6=-5261/2840
BOT CHORD 2-9=-1277/2425, 8-9=-1277/2425, 7-8=-2381/4498, 6-7=-2381/4498
WEBS 4-8=-1556/2846, 5-8=-2343/1387, 5-7=-1297/2336, 3-8=-423/447, 3-9=-404/311

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 0-5-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=1739, 2=939.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2274 lb down and 1314 lb up at 9-0-12, and 819 lb down and 479 lb up at 10-0-12, and 828 lb down and 486 lb up at 12-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 10-13=-20
Concentrated Loads (lb)
Vert: 16=-2274(F) 17=-819(F) 18=-828(F)



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Date:
June 15,2020

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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T19G	Common Supported Gable	1	1	T20466136
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:39:10 2020 Page 1
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1-6-0 | 7-2-0 | 7-2-0 | 1-6-0

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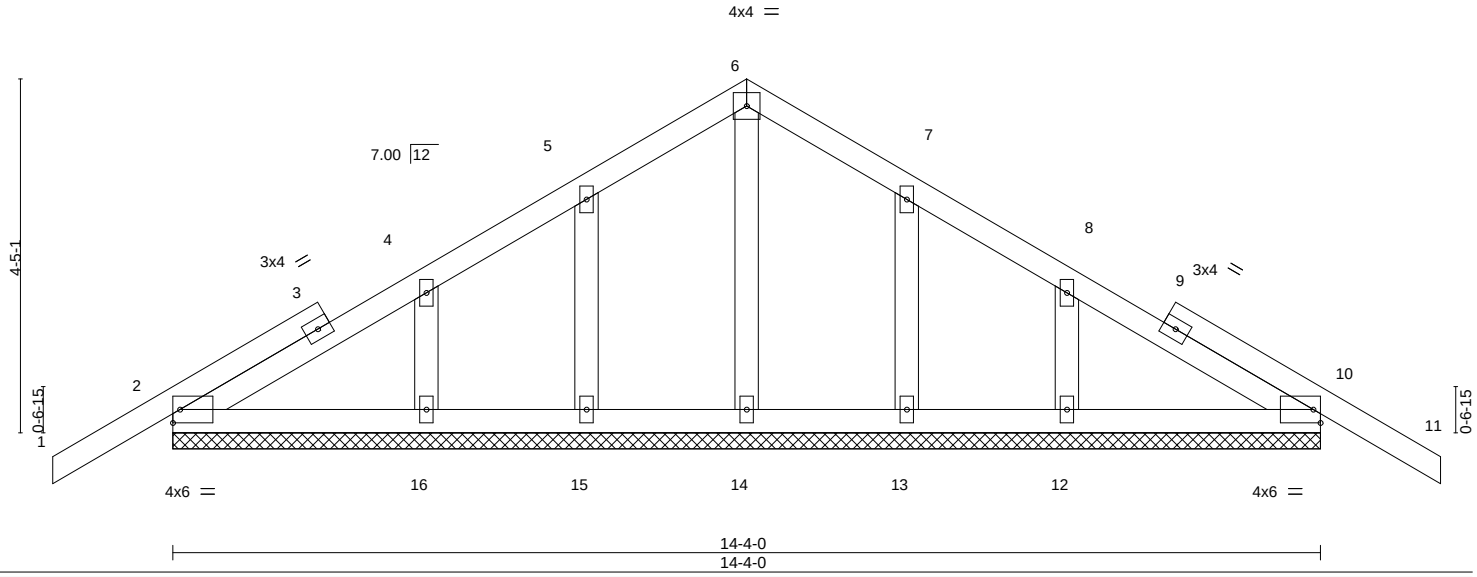


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.13	Vert(LL)	-0.00	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 76 lb	FT = 20%

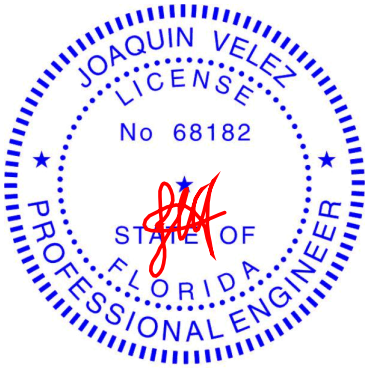
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 14-4-0.
(lb) - Max Horz 2=-147(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10 except 15=-102(LC 12), 16=-126(LC 12), 13=-101(LC 13), 12=-127(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 10, 14, 15, 16, 13, 12

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10 except (jt=lb) 15=102, 16=126, 13=101, 12=127.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 10.



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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T20	Roof Special	4	1	T20466137 Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:39:11 2020 Page 1
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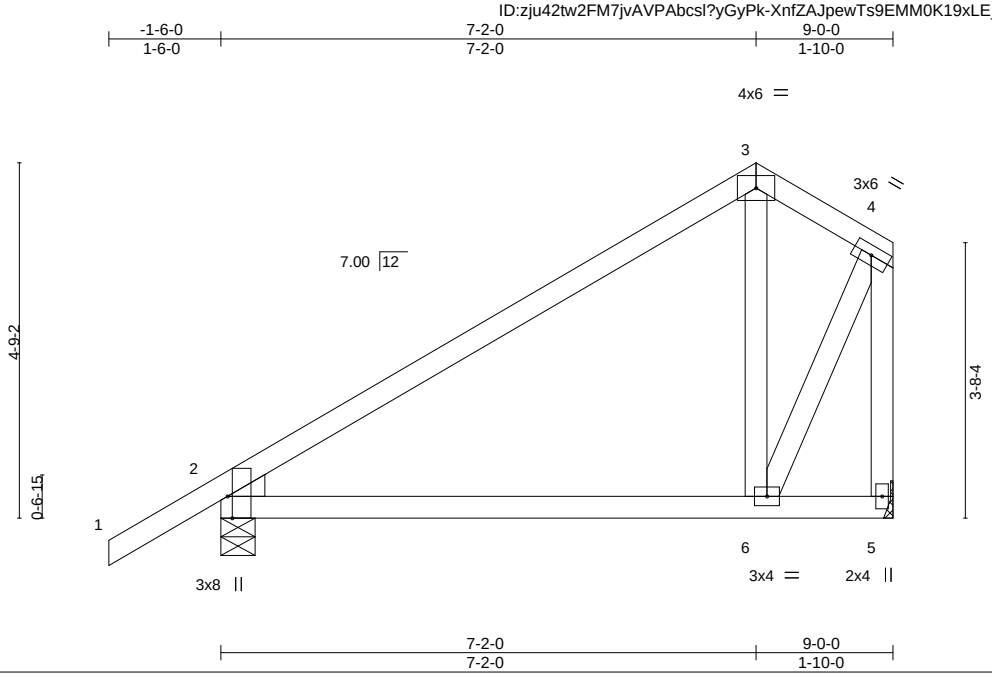


Scale = 1:30.9

Plate Offsets (X,Y)-- [2:0-0-5,0-0-9], [2:0-0-10,0-5-1], [2:0-3-8,Edge]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	0.11	6-9	>977	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.15	6-9	>717	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.02	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 49 lb	FT = 20%

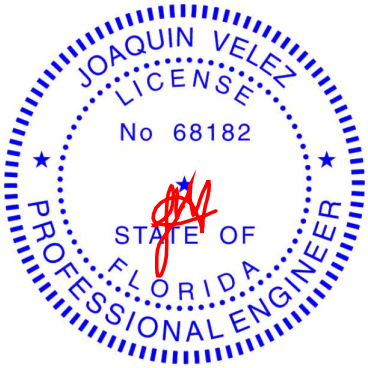
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 2=0-5-8, 5=Mechanical
Max Horz 2=213(LC 12)
Max Uplift 2=-161(LC 12), 5=-157(LC 12)
Max Grav 2=415(LC 1), 5=321(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-271/72, 4-5=-468/234
WEBS 4-6=-228/449

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.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=161, 5=157.



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Date:
June 15,2020

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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T21	Common	7	1	T20466138 Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:39:12 2020 Page 1
ID:zju42tw2FM7jvAVPAbcsl?yGyPk-?_DyNfqHhn_0sWxCulgAtSWLEZzuiCvgDS9ys_z61cz

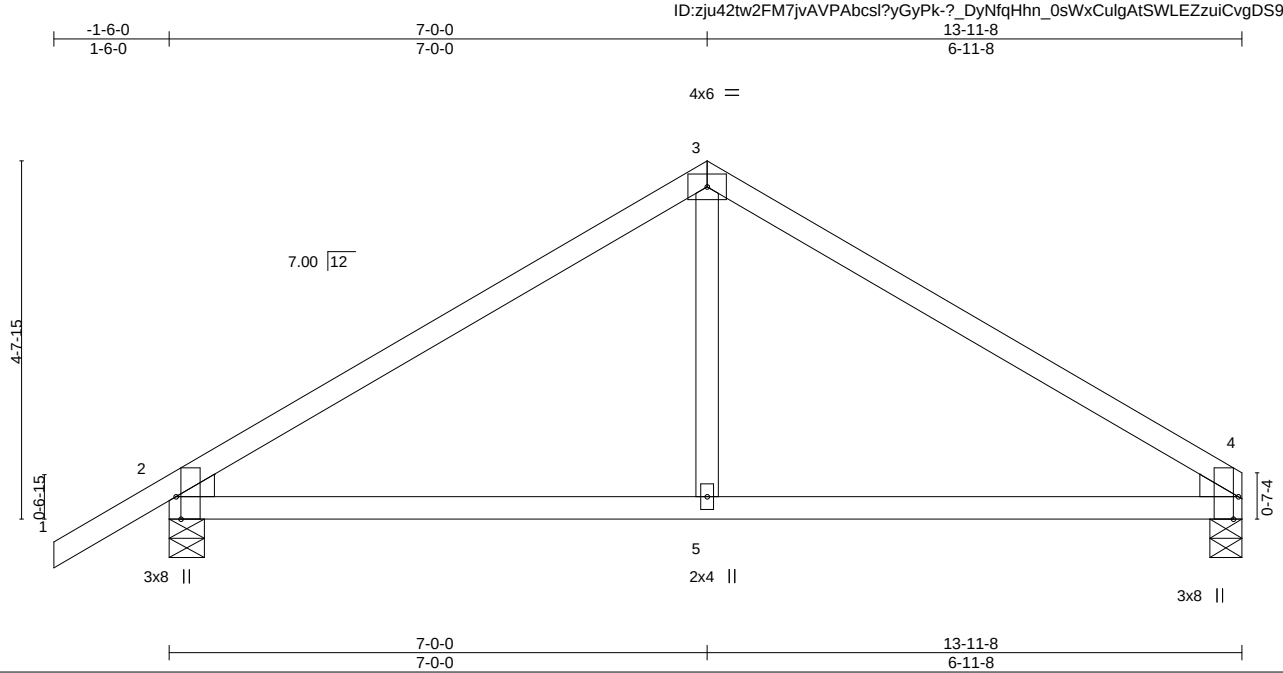


Plate Offsets (X,Y)-- [2:0-0-5,0-0-9], [2:0-0-10,0-5-1], [2:0-3-8,Edge], [4:0-0-3,0-0-5], [4:0-0-5,0-4-9], [4:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	0.10	5-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.12	5-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.02	4	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 55 lb	FT = 20%

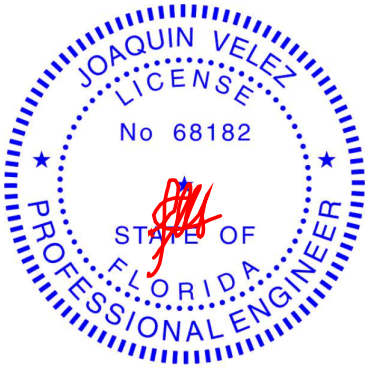
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3, Right: 2x4 SP No.3

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

REACTIONS. (size) 2=0-5-8, 4=0-5-0
Max Horz 2=145(LC 9)
Max Uplift 2=-241(LC 12), 4=-187(LC 13)
Max Grav 2=602(LC 1), 4=512(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-633/288, 3-4=-632/287
BOT CHORD 2-5=-133/472, 4-5=-133/472
WEBS 3-5=-26/306

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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=241, 4=187.



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Job	Truss	Truss Type	Qty	Ply	AMIRA BLDRS. - ZASCIURINSKAS RES.
2368253	T21G	Common Supported Gable	1	1	T20466139
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Jun 15 12:39:14 2020 Page 1
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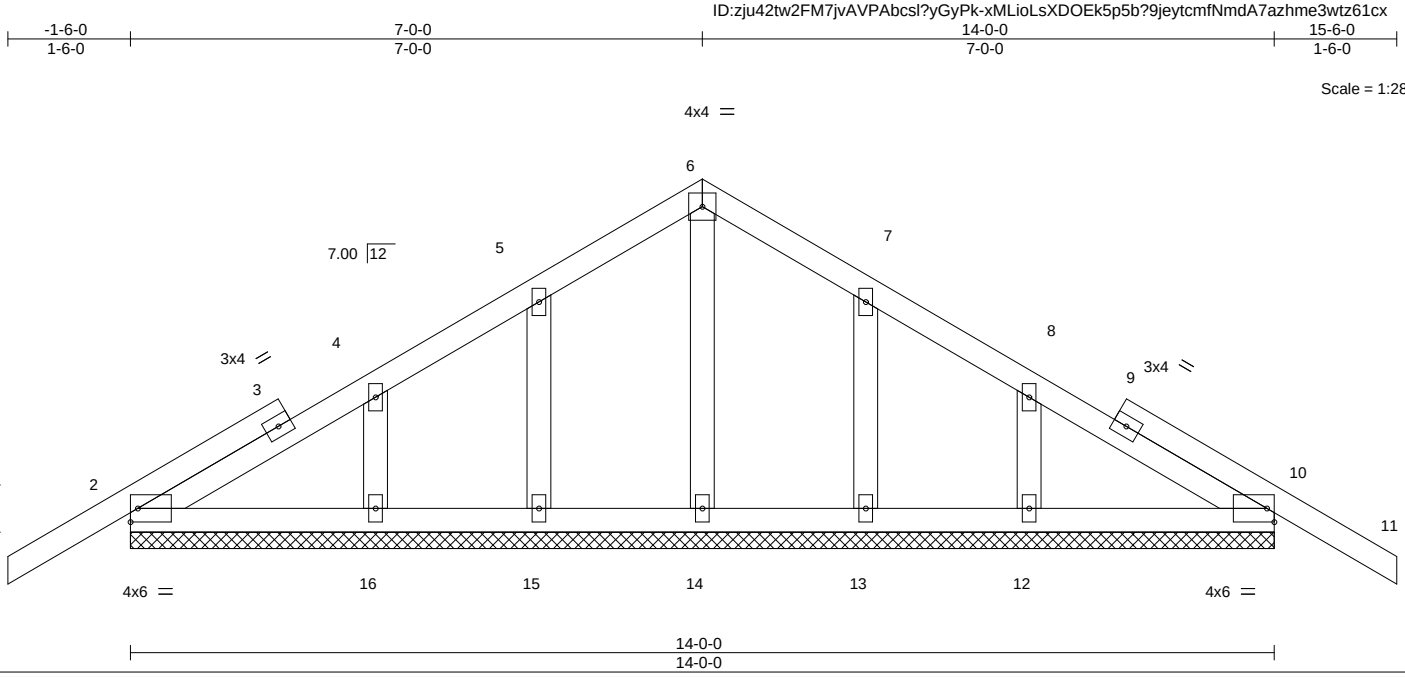


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.13	Vert(LL)	-0.00	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 74 lb	FT = 20%

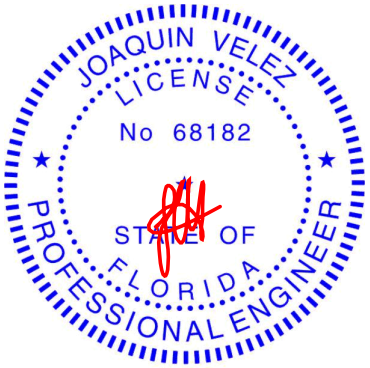
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 14-0-0.
(lb) - Max Horz 2=-144(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10 except 15=-105(LC 12), 16=-118(LC 12), 13=-104(LC 13), 12=-119(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 10, 14, 15, 16, 13, 12

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10 except (jt=lb) 15=105, 16=118, 13=104, 12=119.



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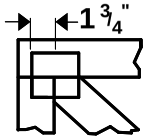
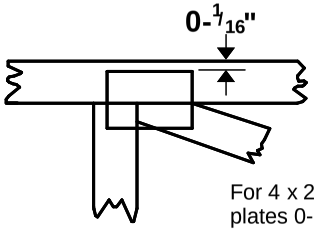
Symbols

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.

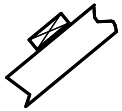
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

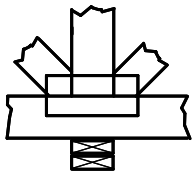
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

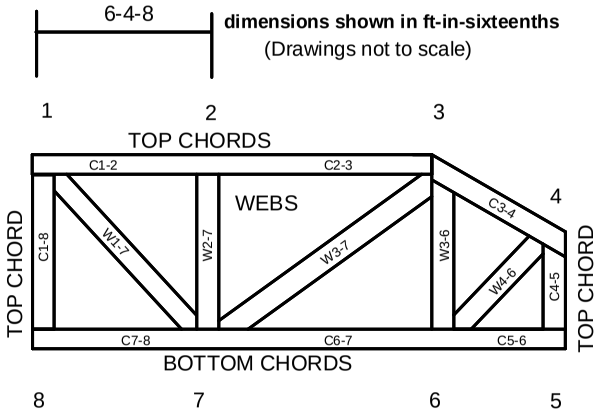


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.

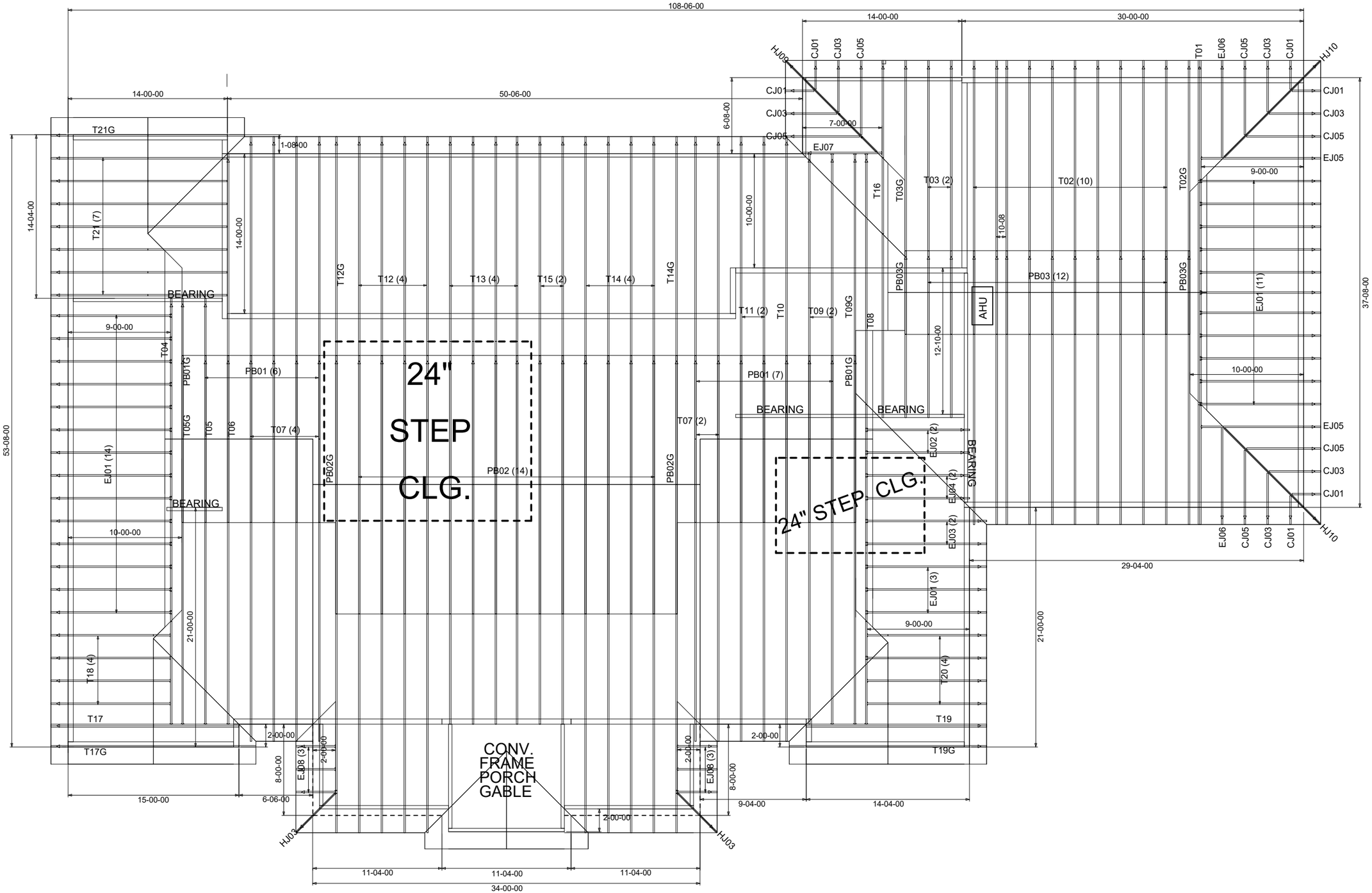
MiTek Engineering Reference Sheet: MII-7473 rev. 10/03/2015

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.

7/12 PITCH - 18" O/H



BEARING HEIGHT SCHEDULE

	10' 1-1/8"

NOTES:

1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING.) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V105 FOR ALTERNATE BRACING REQUIREMENTS.
3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
4) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
6) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
7) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

Builders FirstSource

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Tampa
PHONE: 813-621-9831 FAX: 813-628-8956

Lake City
PHONE: 386-755-6894 FAX: 386-755-7973

BUILDER: AMIRA BLDRS.

LEGAL ADDRESS: ZUSCIURINSKAS RES.

MODEL:		Revision:
		Rev. By:
DATE: 6-15-20	DRAWN BY: KLH	Original Reference #: 2368253
1st Level Job#::	2nd Level Job#::	Roof Job#: 2368253

FL Approval Codes - Mitek Plates #'s 2197.2 - 2197.4, Versa-Lam #1644-R4 & BCI Joists #1392-R4