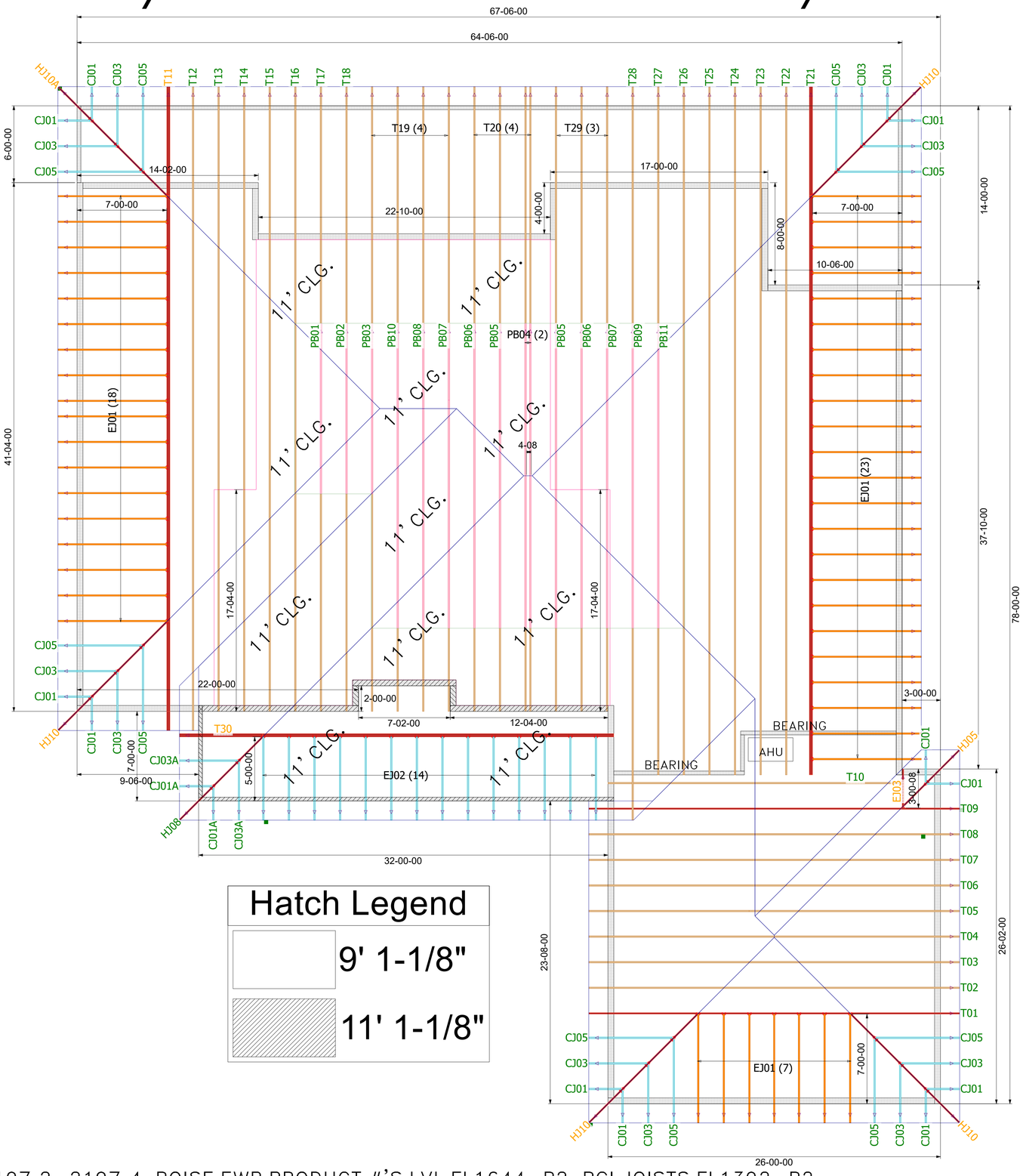
7/12 PITCH – 18" O/H



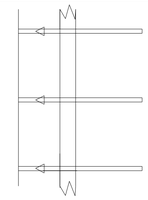
Hatch Legend

9' 1-1/8"

11' 1-1/8"

MITEK PLATE APPROVAL #'S 2197.2–2197.4, BOISE EWP PRODUCT #'S LVL FL1644–R2, BCI JOISTS FL1392–R2

THE ARROW HEAD AT THE END OF THE TRUSS ON THE TRUSS PLACEMENT PLAN (LAYOUT) CORRESPONDS WITH THE LEFT SIDE OF THE INDIVIDUAL TRUSS DRAWING. USE THIS AS AN ORIENTATION GUIDE WHEN SETTING THE TRUSSES ON THE STRUCTURE.



General Notes:

- Per ANSI/TPI 1-2002 all " Truss to Wall" connections are the responsibility of the Building Designer, not the Truss Manufacturer.
- Use Manufacturer's specifications for all hanger connections unless noted otherwise.
- Trusses are to be 24" o.c. U.N.O.
- All hangers are to be Simpson or equivalent U.N.O.- Use 10d x 1 1/2" Nails in hanger connections to single ply girder trusses.
- Trusses are not designed to support brick U.N.O.
- Dimensions are Feet-Inches- Sixteenths

Notes:

No back charges will be accepted by Builders FirstSource unless approved in writing first. 850-835-4541

ACQ lumber is corrisive to truss plates. Any ACQ lumber that comes in contact with truss plates (i.e. scabbed on tails) must have an approved barrier applied first.

Refer to BCSI-B1 Summary Sheet-Guide for handling, Installing and Bracing of Metal Plate Connected Wood Truss prior to and during truss installation.

It is the responsibility of the Contractor to ensure of the proper orientation of the truss placement plans as to the construction documents and field conditions of the structure orientation. If a reversed or flipped layout is required, it will be supplied at no extra cost by Builders FirstSource.

It is the responsibility of the Contractor to make sure the placement of trusses are adjusted for plumbing drops, can lights, ect..., so the trusses do not interfere with these type of items.

All common framed roof or floor systems must be designed as to NOT impose any loads on the floor trusses below. The floor trusses have not been designed to carry any additional loads from above.

This truss placement plan was not created by an engineer, but rather by the Builders FirstSource staff and is solely to be used as an installation guide and does not require a seal. Complete truss engineering and analysis can be found on the truss design drawings which may be sealed by the truss design engineer.

Gable end trusses require continuous bottom chord bearing. Refer to local codes for wall framing requirements.

Although all attempts have been made to do so, trusses may not be designed symmetrically. Please refer to the individual truss drawings and truss placement plans for proper orientation and placement.

Builders FIRSTSOURCE

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

Jacksonville
PHONE: 904-772-6100
FAX: 904-772-1973

Tallahassee
PHONE: 850-576-5177

Builder:	RJH CONST.
Legal Address:	Kutner Res.
Model:	Custom

Date:	Drawn By:	Original Ref #:
9-14-21	KLH	2926651
Floor 1 Job#	Floor 2 Job#:	Roof Job #:
N/A	N/A	2926651

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

RE: 2926651 - RJH CONST. - KUTNER RES.

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

Site Information:

Customer Info: RJH CONST. Project Name: Kutner Res. Model: Custom
Lot/Block: 3 Subdivision: Sedgefield
Address: TBD, TBD
City: Columbia Cty State: FL

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

Name: License #:
Address:
City: State:

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

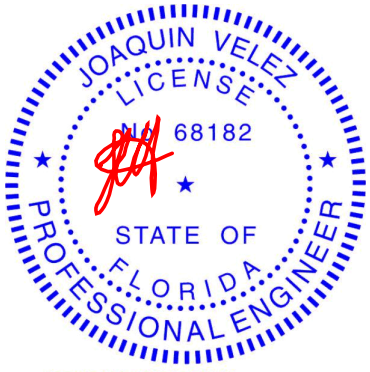
Design Code: FBC2020/TPI2014 Design Program: MiTek 20/20 8.4
Wind Code: ASCE 7-16 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 53 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	T25336318	CJ01	9/14/21	23	T25336340	PB11	9/14/21
2	T25336319	CJ01A	9/14/21	24	T25336341	T01	9/14/21
3	T25336320	CJ03	9/14/21	25	T25336342	T02	9/14/21
4	T25336321	CJ03A	9/14/21	26	T25336343	T03	9/14/21
5	T25336322	CJ05	9/14/21	27	T25336344	T04	9/14/21
6	T25336323	EJ01	9/14/21	28	T25336345	T05	9/14/21
7	T25336324	EJ02	9/14/21	29	T25336346	T06	9/14/21
8	T25336325	EJ03	9/14/21	30	T25336347	T07	9/14/21
9	T25336326	HJ05	9/14/21	31	T25336348	T08	9/14/21
10	T25336327	HJ08	9/14/21	32	T25336349	T09	9/14/21
11	T25336328	HJ10	9/14/21	33	T25336350	T10	9/14/21
12	T25336329	HJ10A	9/14/21	34	T25336351	T11	9/14/21
13	T25336330	PB01	9/14/21	35	T25336352	T12	9/14/21
14	T25336331	PB02	9/14/21	36	T25336353	T13	9/14/21
15	T25336332	PB03	9/14/21	37	T25336354	T14	9/14/21
16	T25336333	PB04	9/14/21	38	T25336355	T15	9/14/21
17	T25336334	PB05	9/14/21	39	T25336356	T16	9/14/21
18	T25336335	PB06	9/14/21	40	T25336357	T17	9/14/21
19	T25336336	PB07	9/14/21	41	T25336358	T18	9/14/21
20	T25336337	PB08	9/14/21	42	T25336359	T19	9/14/21
21	T25336338	PB09	9/14/21	43	T25336360	T20	9/14/21
22	T25336339	PB10	9/14/21	44	T25336361	T21	9/14/21

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

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



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 14,2021

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

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

RE: 2926651 - RJH CONST. - KUTNER RES.

Site Information:

Customer Info: RJH CONST. Project Name: Kutner Res. Model: Custom
Lot/Block: 3 Subdivision: Sedgefield
Address: TBD, TBD
City: Columbia Cty State: FL

No.	Seal#	Truss Name	Date
45	T25336362	T22	9/14/21
46	T25336363	T23	9/14/21
47	T25336364	T24	9/14/21
48	T25336365	T25	9/14/21
49	T25336366	T26	9/14/21
50	T25336367	T27	9/14/21
51	T25336368	T28	9/14/21
52	T25336369	T29	9/14/21
53	T25336370	T30	9/14/21

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	CJ01	Jack-Open	12	1	T25336318
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:19 2021 Page 1
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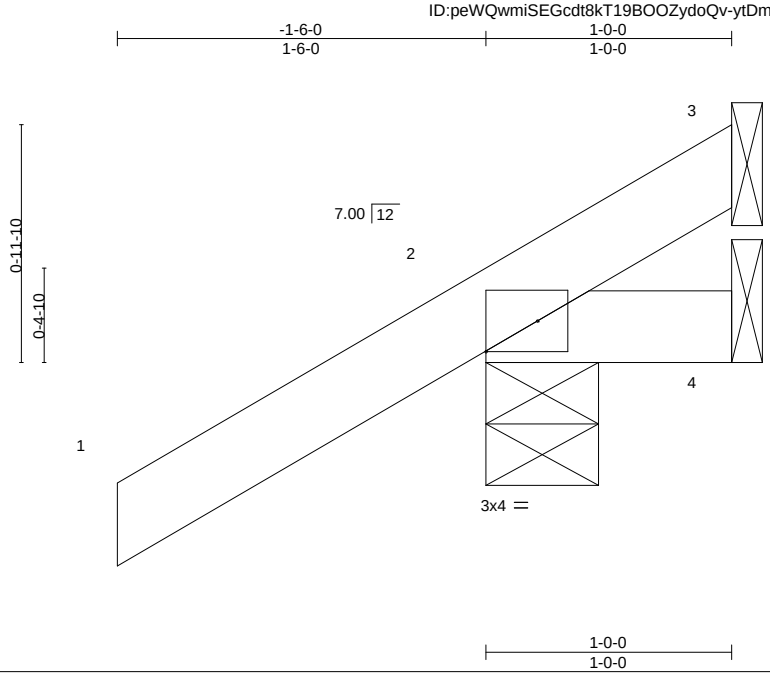


Plate Offsets (X,Y)-- [2:Edge,0-1-8]

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	0.24	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 6 lb	FT = 20%

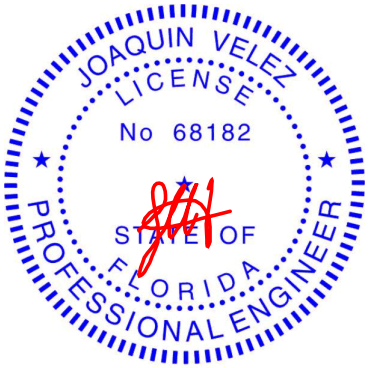
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-0-0 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=67(LC 12)
Max Uplift 3=-6(LC 1), 2=-114(LC 12), 4=-25(LC 19)
Max Grav 3=10(LC 16), 2=179(LC 1), 4=29(LC 16)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 6 lb uplift at joint 3, 114 lb uplift at joint 2 and 25 lb uplift at joint 4.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	CJ01A	Jack-Open	2	1	T25336319
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:20 2021 Page 1
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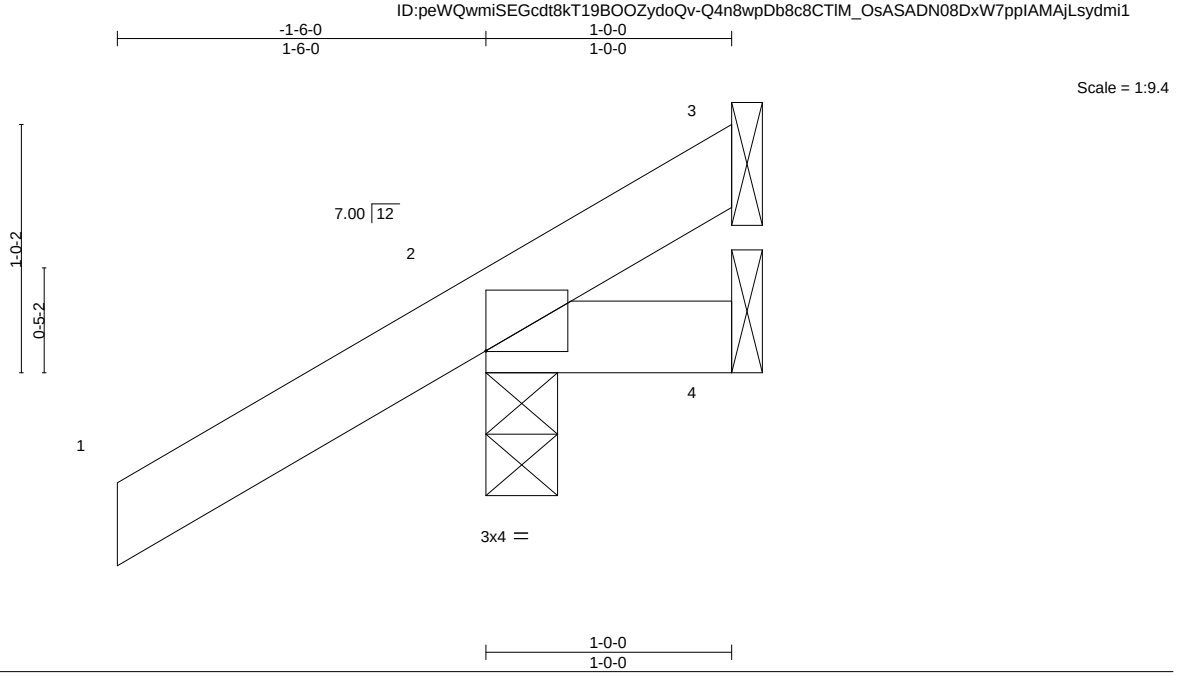


Plate Offsets (X,Y)-- [2:0-0-0,0-0-1]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 6 lb	FT = 20%

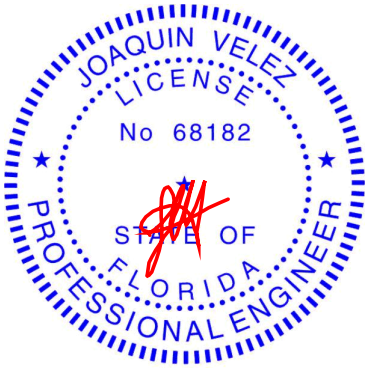
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-0-0 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=67(LC 12)
Max Uplift 3=-5(LC 1), 2=-111(LC 12), 4=-25(LC 19)
Max Grav 3=9(LC 16), 2=179(LC 1), 4=28(LC 16)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 5 lb uplift at joint 3, 111 lb uplift at joint 2 and 25 lb uplift at joint 4.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	CJ03	Jack-Open	10	1	T25336320
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:21 2021 Page 1
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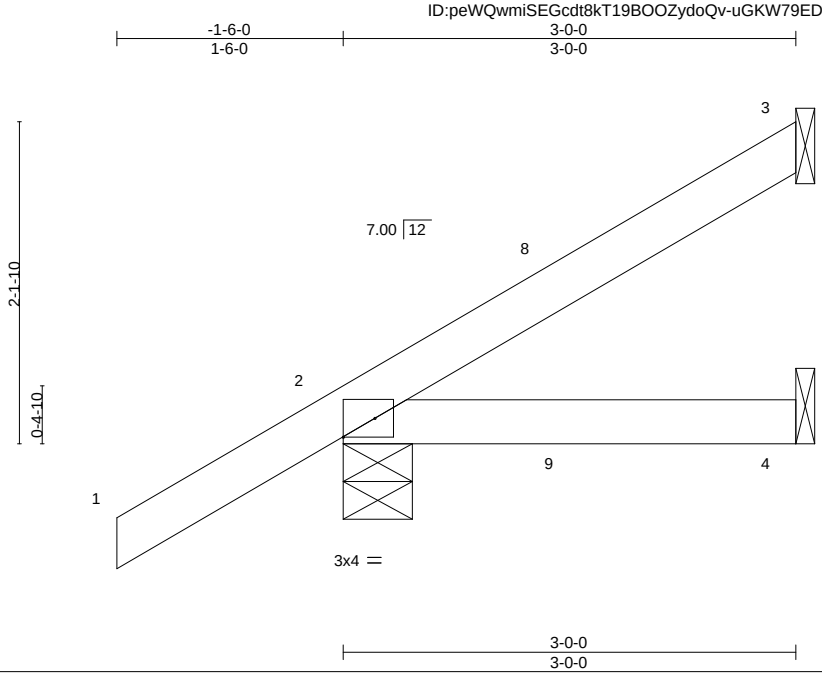


Plate Offsets (X,Y)-- [2:Edge,0-1-8]

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	0.21	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 12 lb	FT = 20%

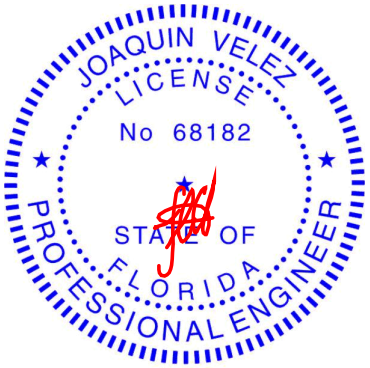
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=125(LC 12)
Max Uplift 3=-63(LC 12), 2=-97(LC 12), 4=-27(LC 9)
Max Grav 3=66(LC 19), 2=210(LC 1), 4=50(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 2-11-4 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 3, 97 lb uplift at joint 2 and 27 lb uplift at joint 4.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	CJ03A	Jack-Open	2	1	T25336321
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:21 2021 Page 1
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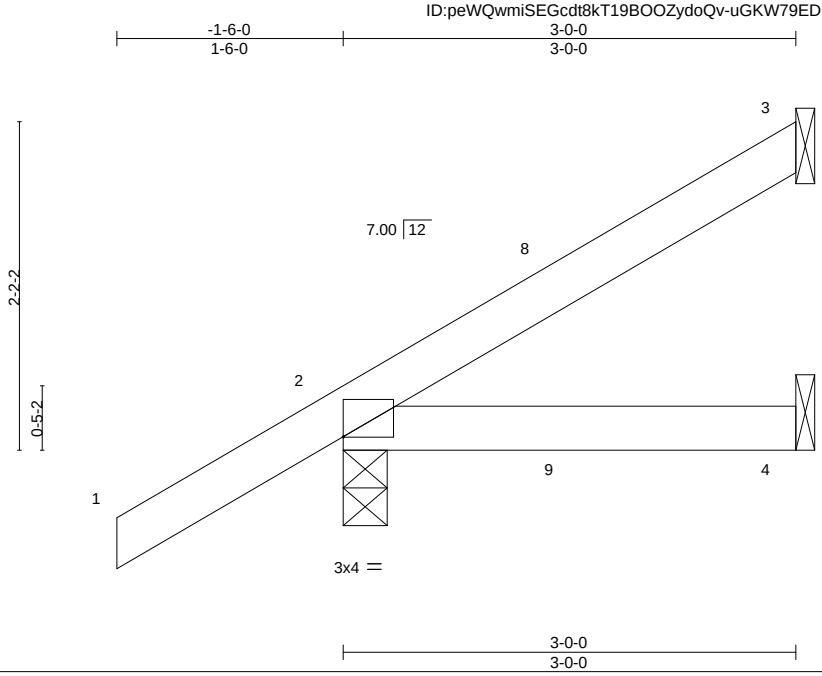


Plate Offsets (X,Y)-- [2:0-0-0,0-0-1]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.21	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 12 lb	FT = 20%

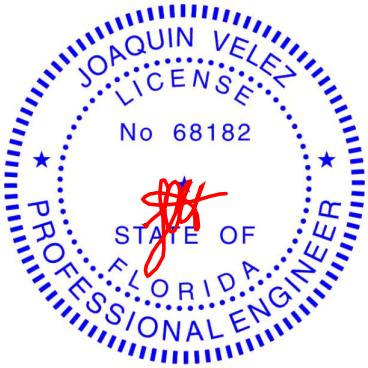
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=125(LC 12)
Max Uplift 3=-64(LC 12), 2=-95(LC 12), 4=-28(LC 9)
Max Grav 3=67(LC 19), 2=210(LC 1), 4=51(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 2-11-4 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 3, 95 lb uplift at joint 2 and 28 lb uplift at joint 4.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	CJ05	Jack-Open	10	1	T25336322
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:22 2021 Page 1
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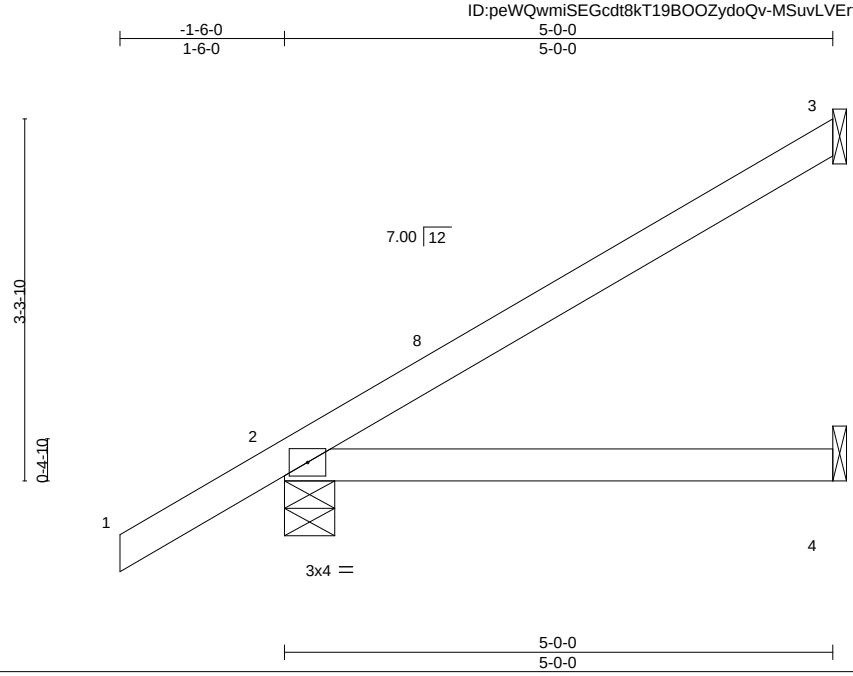


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.29	Vert(LL)	0.04	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	-0.06	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 19 lb	FT = 20%

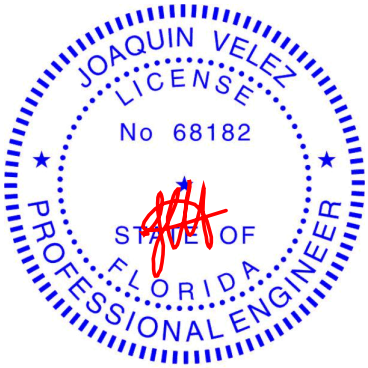
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-5-8, 4=Mechanical
Max Horz 2=184(LC 12)
Max Uplift 3=-117(LC 12), 2=-108(LC 12), 4=-7(LC 12)
Max Grav 3=130(LC 19), 2=276(LC 1), 4=89(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 4-11-4 zone; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 117 lb uplift at joint 3, 108 lb uplift at joint 2 and 7 lb uplift at joint 4.



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Date:
September 14,2021

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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	EJ01	Jack-Partial	48	1	T25336323
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:23 2021 Page 1
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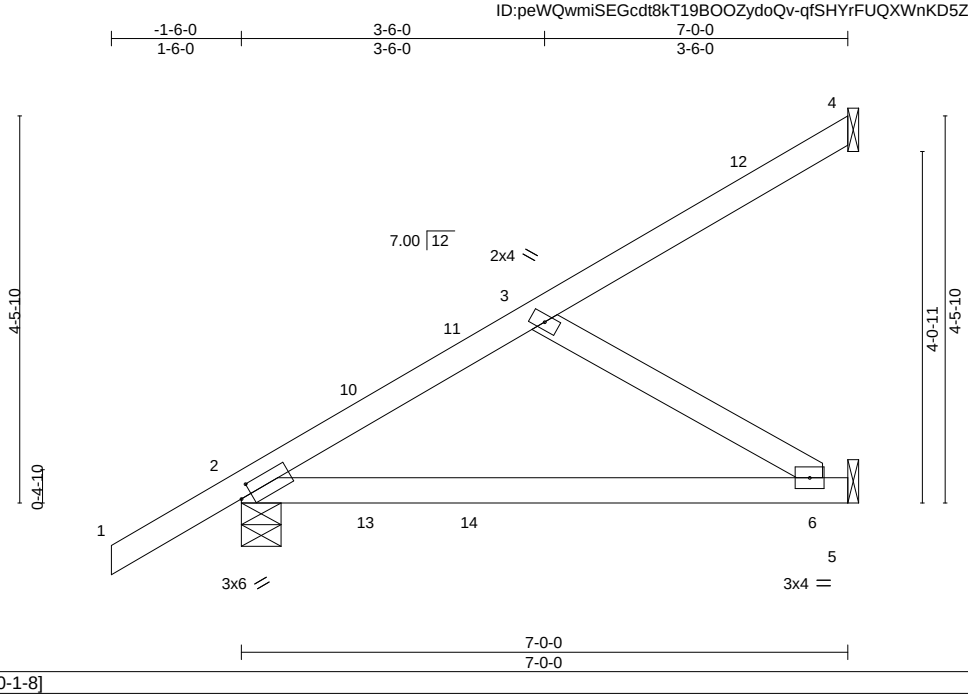


Plate Offsets (X,Y)-- [2:0-1-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.47	Vert(LL)	0.23	6-9	>362	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	0.21	6-9	>404	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 31 lb	FT = 20%

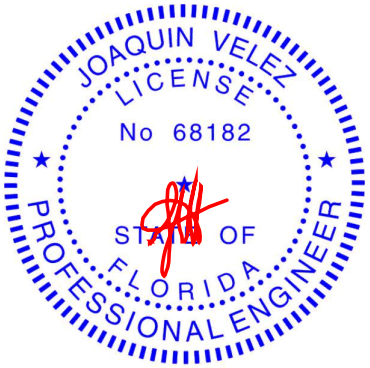
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 4=Mechanical, 2=0-5-8, 5=Mechanical
Max Horz 2=235(LC 12)
Max Uplift 4=-71(LC 12), 2=-128(LC 12), 5=-127(LC 9)
Max Grav 4=90(LC 19), 2=346(LC 1), 5=175(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 2-6=-359/207
WEBS 3-6=-242/420

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-11-4 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 71 lb uplift at joint 4, 128 lb uplift at joint 2 and 127 lb uplift at joint 5.



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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	EJ02	Jack-Open	14	1	T25336324
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:23 2021 Page 1
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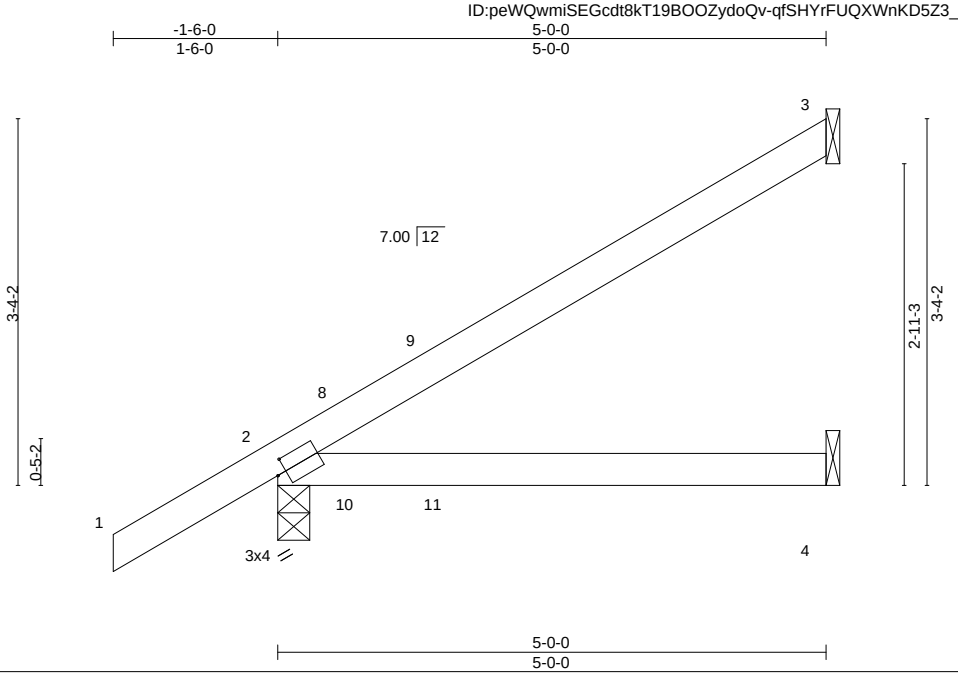


Plate Offsets (X,Y)-- [2:0-1-0,0-1-8]

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	0.43	Vert(LL)	0.11	4-7	>555	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	0.10	4-7	>619	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 19 lb	FT = 20%

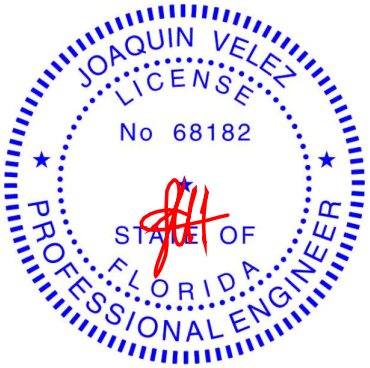
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=184(LC 12)
Max Uplift 3=-119(LC 12), 2=-107(LC 12), 4=-49(LC 9)
Max Grav 3=125(LC 19), 2=276(LC 1), 4=89(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 4-11-4 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 119 lb uplift at joint 3, 107 lb uplift at joint 2 and 49 lb uplift at joint 4.



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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	EJ03	Jack-Open Girder	1	1	T25336325
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:24 2021 Page 1
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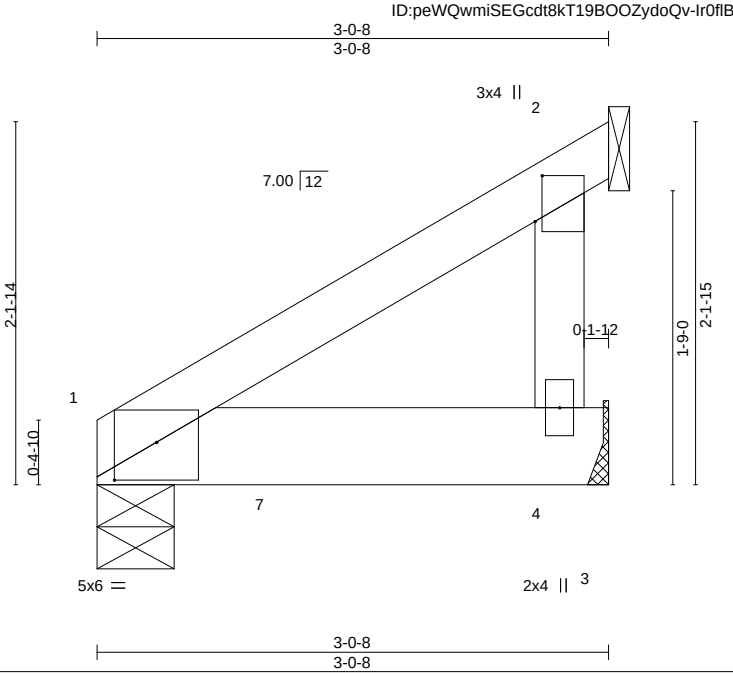


Plate Offsets (X,Y)-- [1:0-3-0,0-2-11], [2:0-3-4,0-0-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	0.02	4-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.02	4-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 14 lb	FT = 20%

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

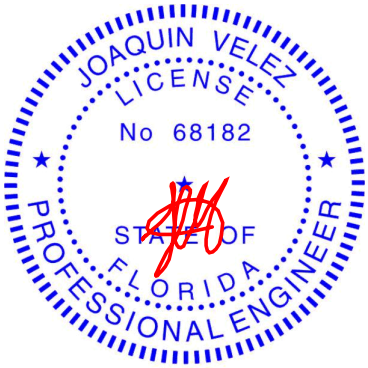
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-5-8, 4=Mechanical, 2=Mechanical
Max Horz 1=81(LC 8)
Max Uplift 1=-296(LC 8), 4=-187(LC 8), 2=-135(LC 8)
Max Grav 1=752(LC 2), 4=458(LC 29), 2=156(LC 1)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 296 lb uplift at joint 1, 187 lb uplift at joint 4 and 135 lb uplift at joint 2.
8) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 44 lb down and 99 lb up at 2-9-0 on top chord, and 1109 lb down and 465 lb up at 1-1-4, and 67 lb down and 23 lb up at 3-0-8 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: 1-2=-54, 1-3=-20
Concentrated Loads (lb)
Vert: 4=-20(B) 2=-44(B) 7=-1059(F)



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September 14,2021

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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	HJ05	Diagonal Hip Girder	1	1	T25336326
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:25 2021 Page 1
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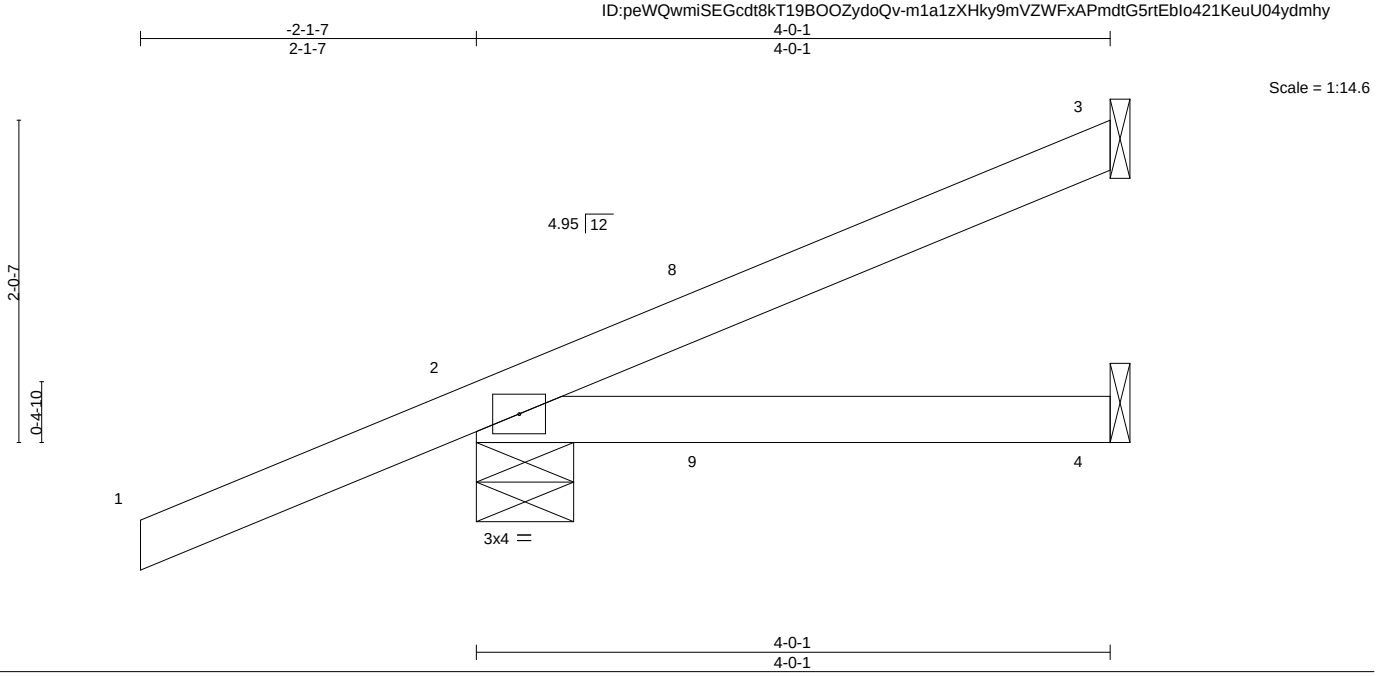


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.03	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.21	Vert(CT)	-0.03	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 16 lb	FT = 20%

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

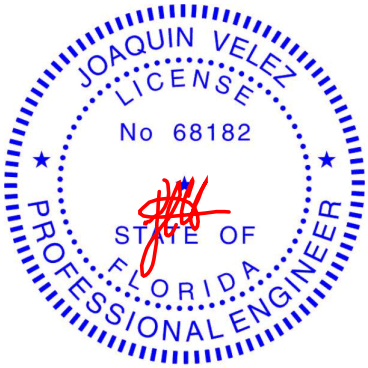
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-7-6, 4=Mechanical
Max Horz 2=121(LC 8)
Max Uplift 3=-83(LC 8), 2=-207(LC 4), 4=-13(LC 17)
Max Grav 3=79(LC 1), 2=291(LC 1), 4=67(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 83 lb uplift at joint 3, 207 lb uplift at joint 2 and 13 lb uplift at joint 4.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 86 lb down and 76 lb up at 1-6-1, and 86 lb down and 76 lb up at 1-6-1 on top chord, and 28 lb down and 52 lb up at 1-6-1, and 28 lb down and 52 lb up at 1-6-1 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 4-5=-20



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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	HJ08	Diagonal Hip Girder	1	1	T25336327
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:25 2021 Page 1
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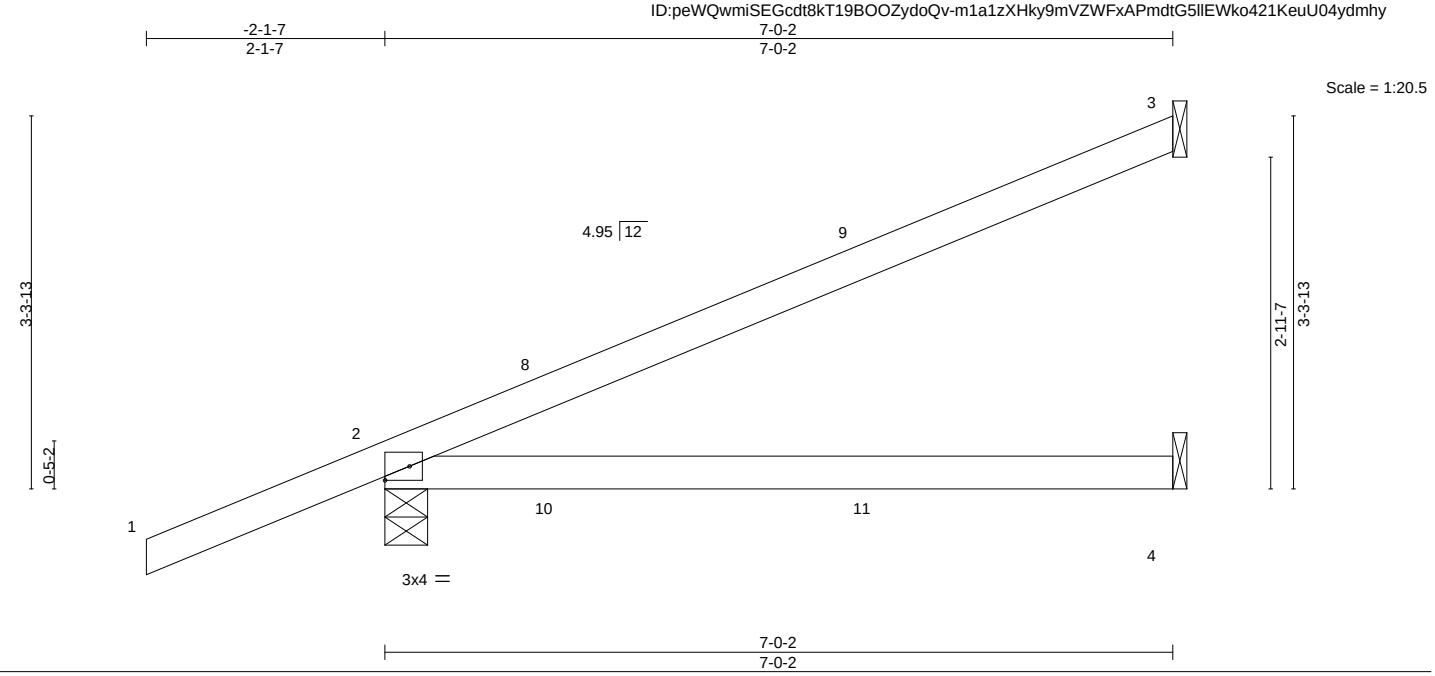


Plate Offsets (X,Y)-- [2:Edge,0-1-8]

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	0.69	Vert(LL)	0.22	4-7	>371	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.22	4-7	>383	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 25 lb	FT = 20%

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

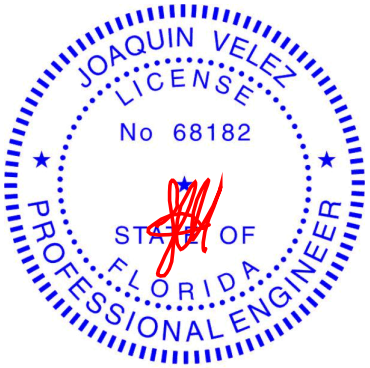
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-4-9, 4=Mechanical
Max Horz 2=183(LC 8)
Max Uplift 3=-159(LC 8), 2=-311(LC 4), 4=-82(LC 5)
Max Grav 3=161(LC 1), 2=391(LC 1), 4=126(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 159 lb uplift at joint 3, 311 lb uplift at joint 2 and 82 lb uplift at joint 4.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 87 lb down and 77 lb up at 1-6-1, 87 lb down and 77 lb up at 1-6-1, and 107 lb down and 63 lb up at 4-4-0, and 107 lb down and 63 lb up at 4-4-0 on top chord , and 61 lb down and 55 lb up at 1-6-1, 61 lb down and 55 lb up at 1-6-1, and 20 lb down and 36 lb up at 4-4-0, and 20 lb down and 36 lb up at 4-4-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 4-5=-20
Concentrated Loads (lb)
Vert: 11=-4(F=-2, B=-2)



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	HJ10	Diagonal Hip Girder	4	1	T25336328
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:27 2021 Page 1
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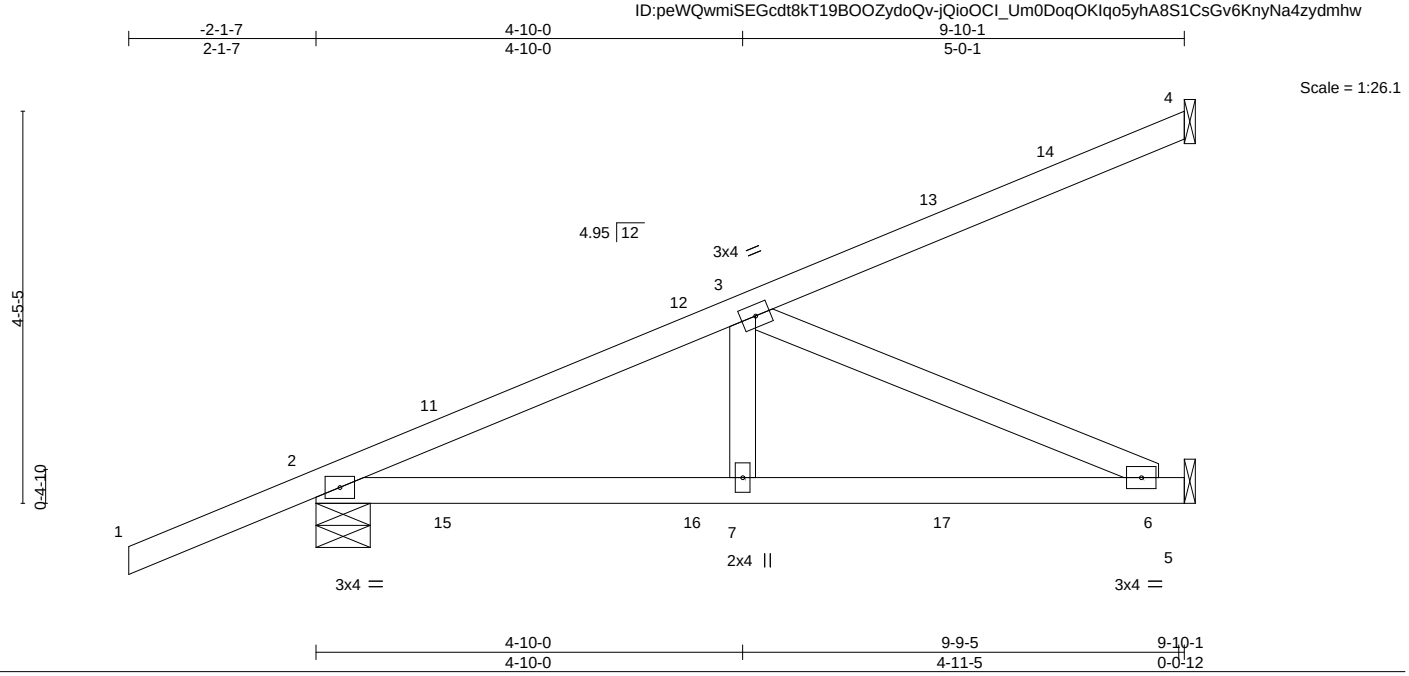


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.49	Vert(LL)	0.07	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.09	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.35	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 44 lb	FT = 20%

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

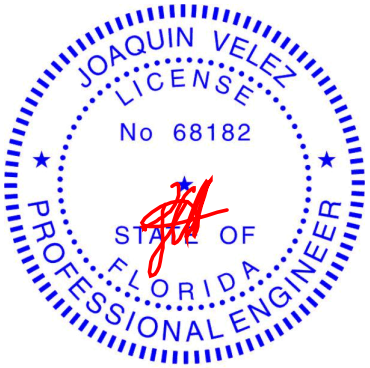
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-8-7 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-7-6, 5=Mechanical
Max Horz 2=234(LC 8)
Max Uplift 4=-124(LC 8), 2=-411(LC 4), 5=-263(LC 5)
Max Grav 4=137(LC 1), 2=527(LC 1), 5=316(LC 35)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-754/482
BOT CHORD 2-7=-549/598, 6-7=-549/598
WEBS 3-7=-119/284, 3-6=-653/600

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 124 lb uplift at joint 4, 411 lb uplift at joint 2 and 263 lb uplift at joint 5.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 86 lb down and 76 lb up at 1-6-1, 86 lb down and 76 lb up at 1-6-1, 106 lb down and 62 lb up at 4-4-0, 106 lb down and 62 lb up at 4-4-0, and 146 lb down and 125 lb up at 7-1-15, and 146 lb down and 125 lb up at 7-1-15 on top chord, and 62 lb down and 52 lb up at 1-6-1, 62 lb down and 52 lb up at 1-6-1, 20 lb down and 35 lb up at 4-4-0, 20 lb down and 35 lb up at 4-4-0, and 84 lb down and 22 lb up at 7-1-15, and 84 lb down and 22 lb up at 7-1-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 13=-73(F=-36, B=-36) 16=-5(F=-3, B=-3) 17=-59(F=-29, B=-29)



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September 14,2021

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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	HJ10A	Diagonal Hip Girder	1	1	T25336329
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:28 2021 Page 1
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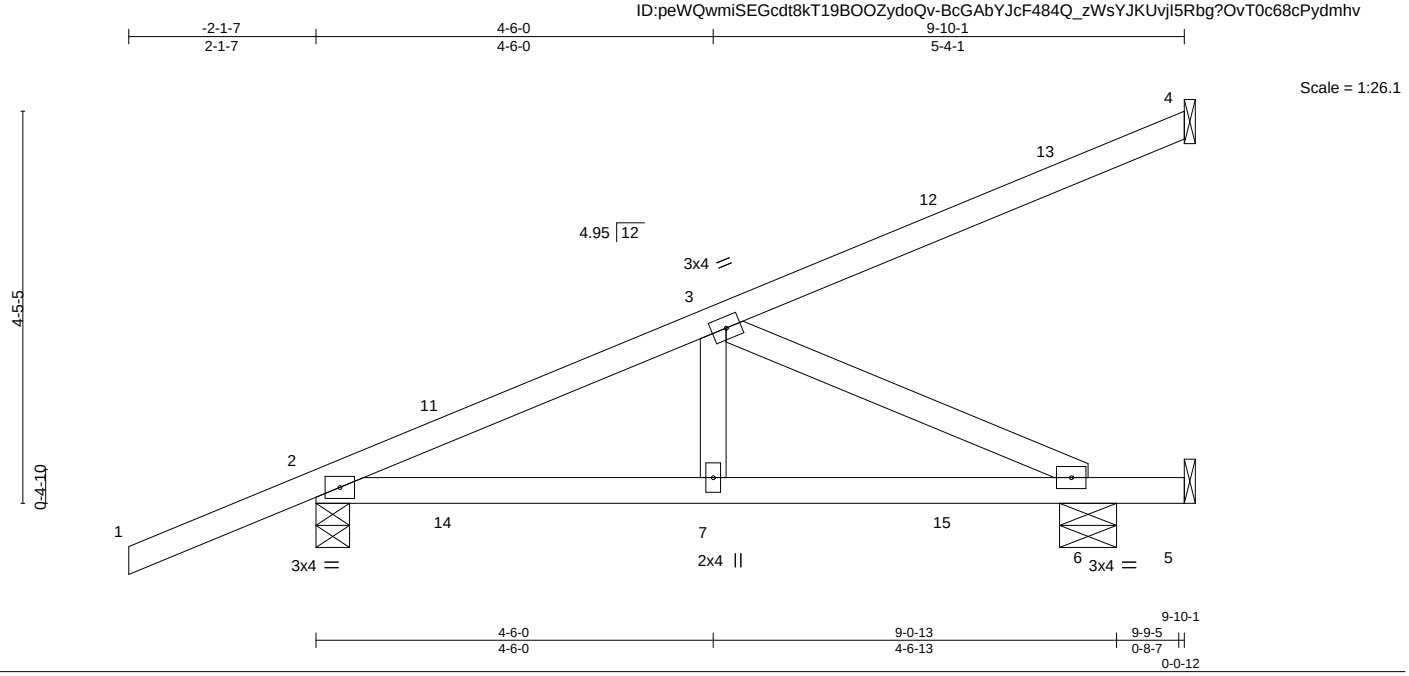


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	0.02	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	-0.03	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.25	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 43 lb	FT = 20%

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

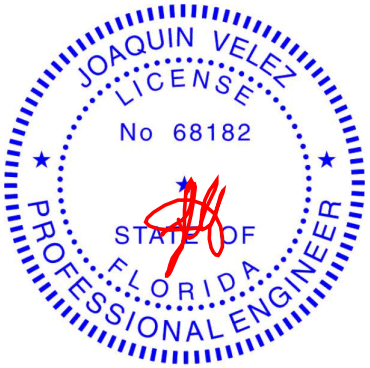
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-4-8 oc bracing.

REACTIONS. All bearings Mechanical except (jt=length) 2=0-4-9, 6=0-7-12.
(lb) - Max Horz 2=234(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 5 except 4=-135(LC 8), 2=-378(LC 4), 6=-299(LC 5)
Max Grav All reactions 250 lb or less at joint(s) 4, 5 except 2=483(LC 1), 6=426(LC 35)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-647/417
BOT CHORD 2-7=-496/506, 6-7=-496/506
WEBS 3-6=-556/545

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; 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
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 4=135, 2=378, 6=299.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 86 lb down and 76 lb up at 1-6-1, 86 lb down and 76 lb up at 1-6-1, 106 lb down and 62 lb up at 4-4-0, 106 lb down and 62 lb up at 4-4-0, and 146 lb down and 125 lb up at 7-1-15, and 146 lb down and 125 lb up at 7-1-15 on top chord, and 62 lb down and 52 lb up at 1-6-1, 62 lb down and 52 lb up at 1-6-1, 20 lb down and 35 lb up at 4-4-0, 20 lb down and 35 lb up at 4-4-0, and 84 lb down and 22 lb up at 7-1-15, and 84 lb down and 22 lb up at 7-1-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 7=-5(F=-3, B=-3) 12=-73(F=-36, B=-36) 15=-59(F=-29, B=-29)



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September 14,2021

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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	PB01	GABLE	1	1	T25336330
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:29 2021 Page 1
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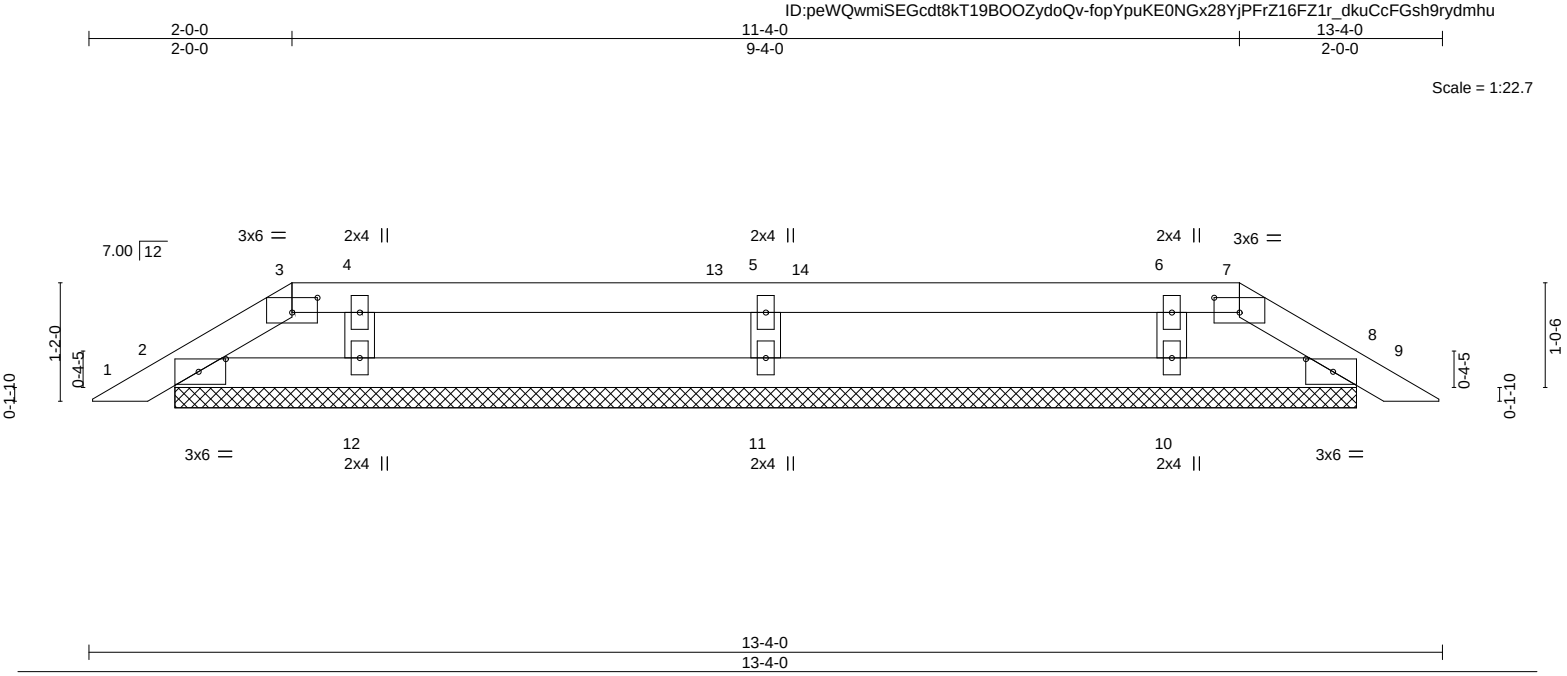


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [3:0-3-0,0-1-12], [7:0-3-0,0-1-12], [8:0-3-3,0-1-8]

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	0.16	Vert(LL)	-0.00	8	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	-0.00	8	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 40 lb	FT = 20%

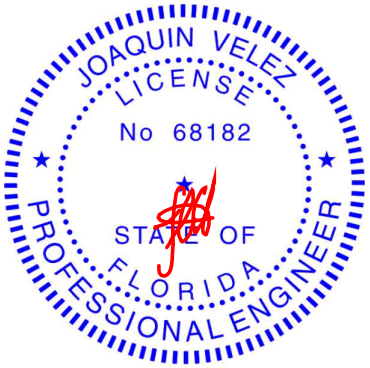
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 11-7-11.
(lb) - Max Horz 2=-33(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8 except 11=-158(LC 8), 12=-132(LC 12), 10=-129(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 8 except 11=317(LC 23), 12=255(LC 23), 10=255(LC 24)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 2-0-0, Exterior(2R) 2-0-0 to 6-2-15, Interior(1) 6-2-15 to 11-4-0, Exterior(2E) 11-4-0 to 13-0-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 4-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8 except (jt=lb) 11=158, 12=132, 10=129.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Date:
September 14,2021

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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	PB02	GABLE	1	1	T25336331
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:30 2021 Page 1
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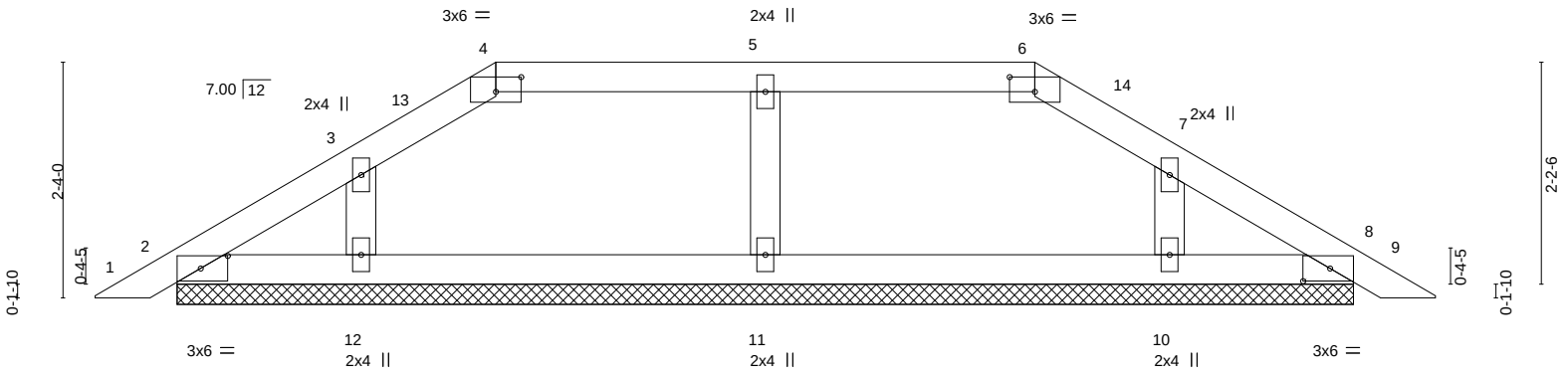
4-0-0 (4-0-0) | 9-4-0 (5-4-0) | 13-4-0 (4-0-0)

Scale = 1:22.7



13-4-0 (13-4-0)

Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [4:0-3-0,0-1-12], [6:0-3-0,0-1-12], [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	0.11	Vert(LL)	-0.00	8	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	-0.00	8	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 44 lb	FT = 20%

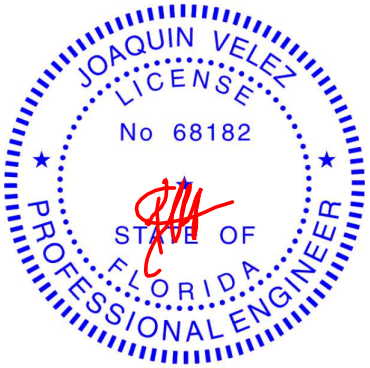
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 11-7-11.
(lb) - Max Horz 2=71(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8 except 11=-117(LC 9), 12=-104(LC 12), 10=-100(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 8, 12, 10 except 11=270(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 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Corner(3E) 0-3-11 to 3-3-11, Exterior(2N) 3-3-11 to 4-0-0, Corner(3R) 4-0-0 to 7-0-0, Exterior(2N) 7-0-0 to 9-4-0, Corner(3R) 9-4-0 to 12-5-13, Exterior(2N) 12-5-13 to 13-0-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 4-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8 except (jt=lb) 11=117, 12=104, 10=100.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Date:
September 14,2021

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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	PB03	Piggyback	1	1	T25336332
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:30 2021 Page 1
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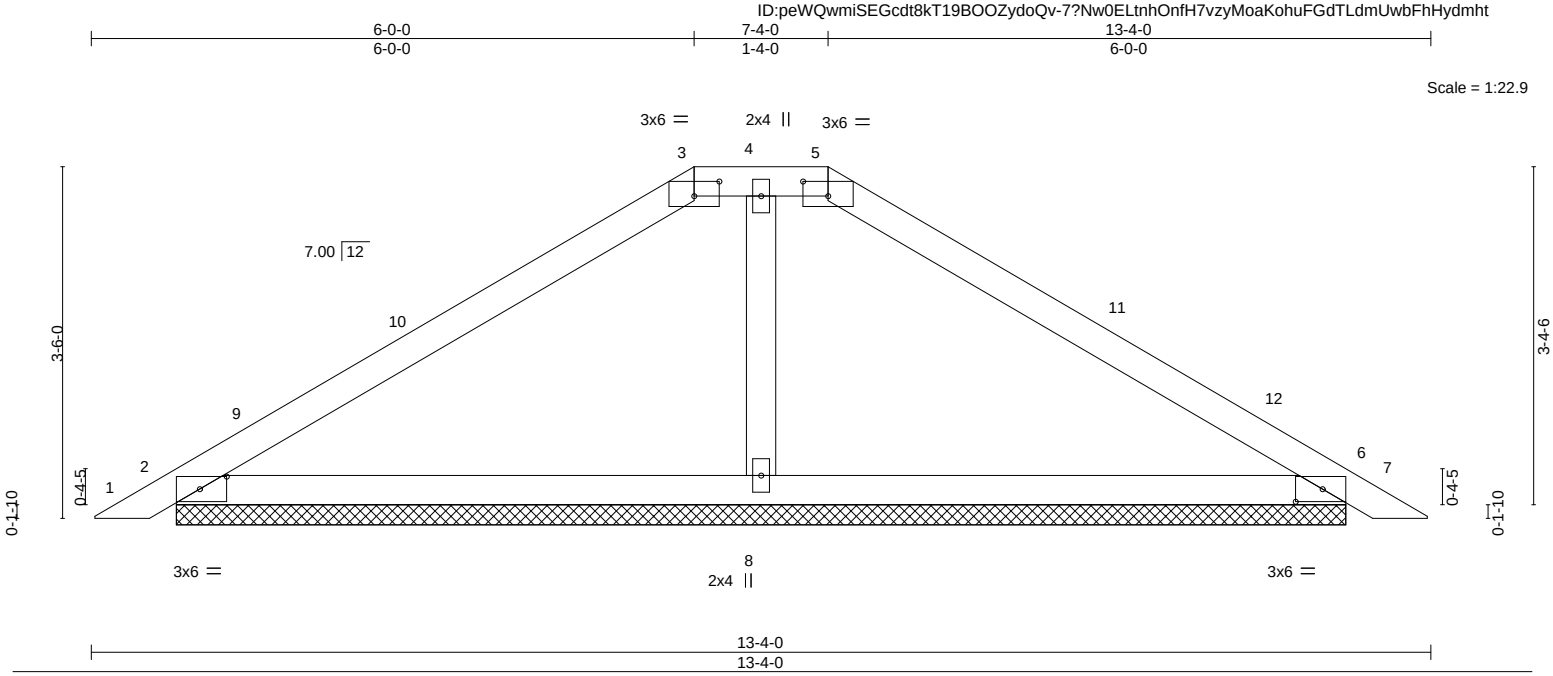


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [3:0-3-0,0-1-12], [5:0-3-0,0-1-12], [6:0-3-3,0-1-8]

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	0.35	Vert(LL)	0.02	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.33	Vert(CT)	0.03	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 44 lb	FT = 20%

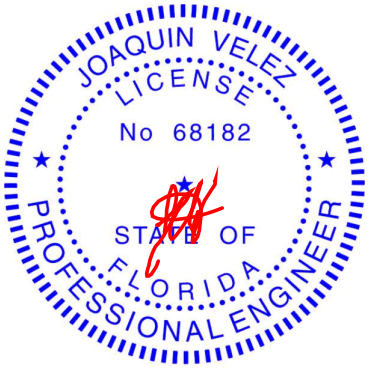
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=11-7-11, 6=11-7-11, 8=11-7-11
Max Horz 2=-109(LC 10)
Max Uplift 2=-159(LC 12), 6=-171(LC 13), 8=-61(LC 12)
Max Grav 2=287(LC 1), 6=287(LC 1), 8=346(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 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 3-3-11, Interior(1) 3-3-11 to 6-0-0, Exterior(2E) 6-0-0 to 7-4-0, Exterior(2R) 7-4-0 to 11-6-15, Interior(1) 11-6-15 to 13-0-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
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) 8 except (jt=lb) 2=159, 6=171.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

MiTek
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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	PB04	GABLE	2	1	T25336333
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:31 2021 Page 1
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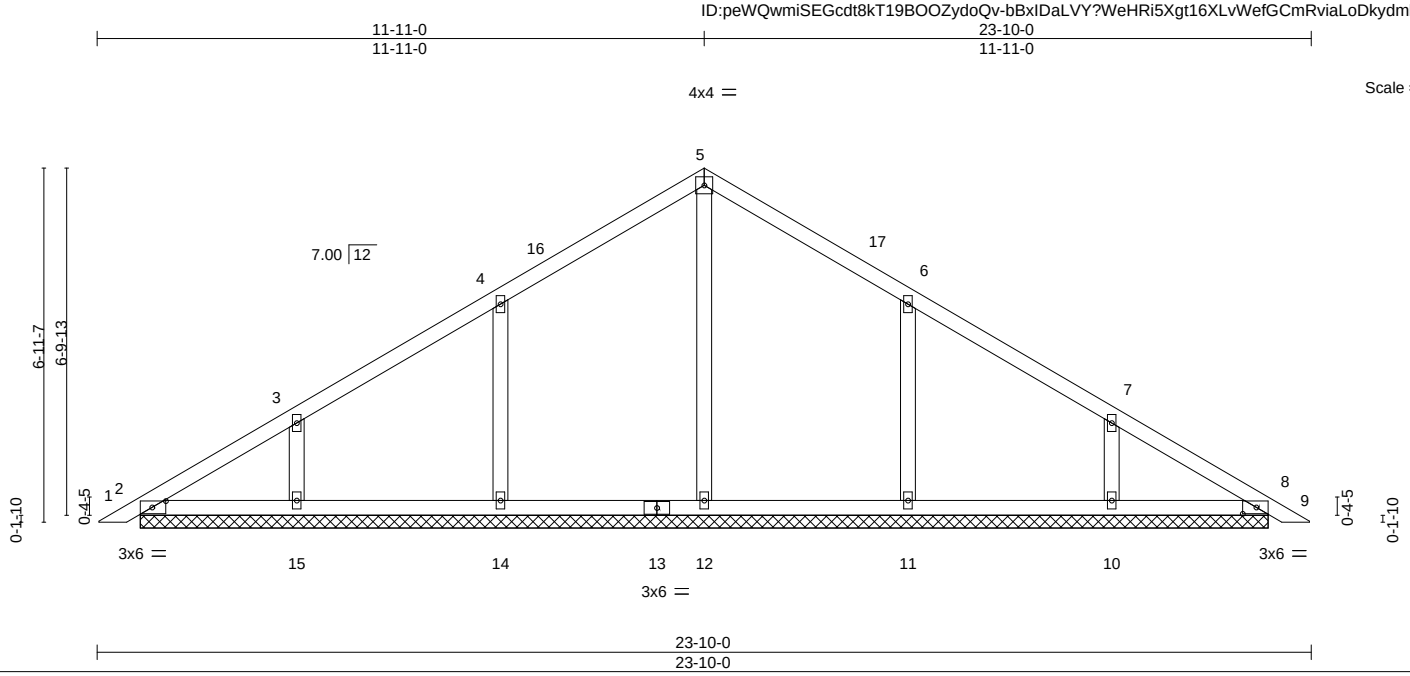


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [8:0-3-3,0-1-8]

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	0.16	Vert(LL)	0.00	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.17	Vert(CT)	0.00	9	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 100 lb	FT = 20%

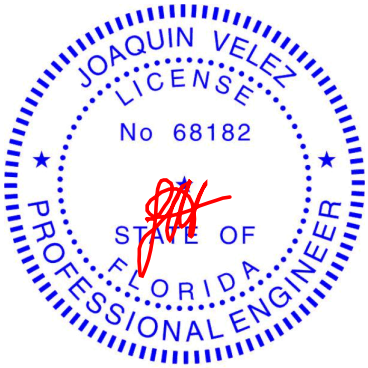
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 22-1-11.
(lb) - Max Horz 2=-220(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8 except 14=-234(LC 12), 15=-205(LC 12), 11=-234(LC 13), 10=-205(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 8 except 12=374(LC 19), 14=442(LC 19), 15=370(LC 19), 11=442(LC 20), 10=370(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-14=-272/260, 6-11=-272/260

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 3-3-11, Interior(1) 3-3-11 to 11-11-0, Exterior(2R) 11-11-0 to 14-11-0, Interior(1) 14-11-0 to 23-6-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 4-0-0 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) 2, 8 except (jt=lb) 14=234, 15=205, 11=234, 10=205.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	PB05	GABLE	2	1	T25336334
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:32 2021 Page 1
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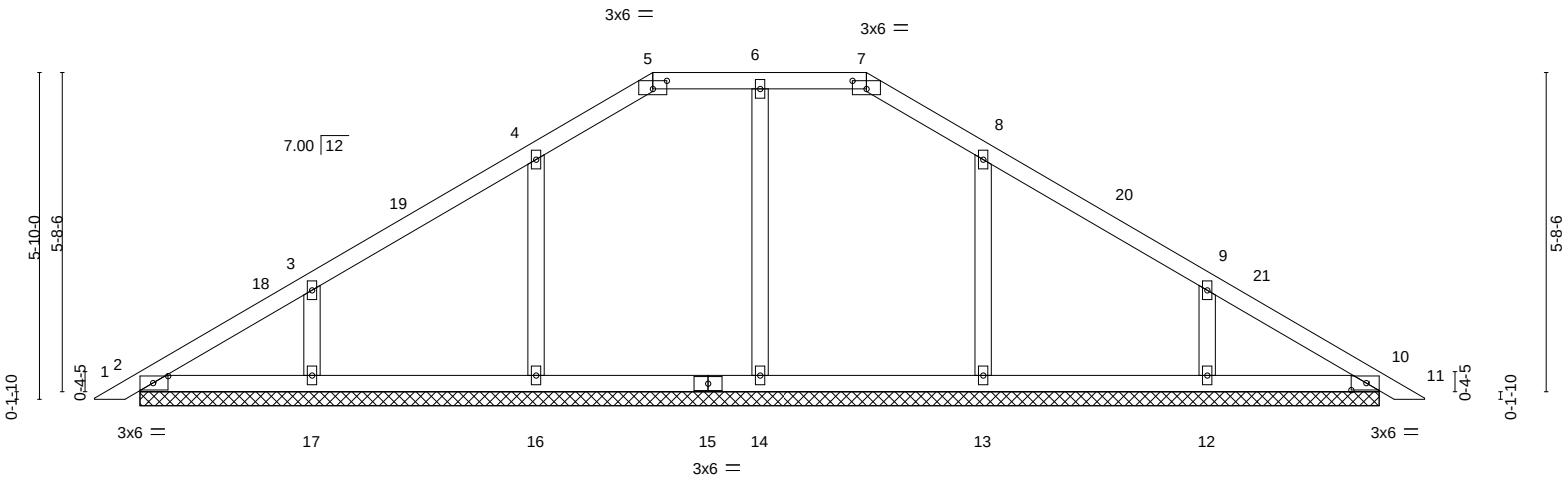
10-0-0 13-10-0 23-10-0
10-0-0 3-10-0 10-0-0

Scale = 1:41.1



23-10-0
23-10-0

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

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	0.13	Vert(LL)	0.00	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.18	Vert(CT)	0.00	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 97 lb	FT = 20%

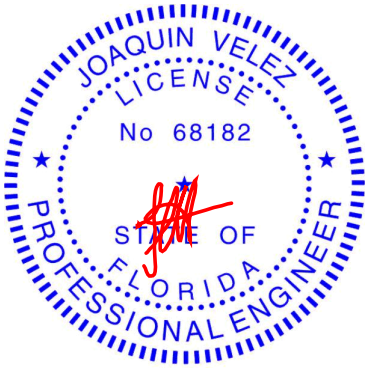
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 22-1-11.
(lb) - Max Horz 2=-184(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 14, 10 except 16=-193(LC 12), 17=-215(LC 12), 13=-188(LC 13), 12=-216(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 10 except 14=336(LC 2), 16=401(LC 19), 17=379(LC 19), 13=396(LC 20), 12=380(LC 20)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 3-3-11, Interior(1) 3-3-11 to 10-0-0, Exterior(2E) 10-0-0 to 13-10-0, Exterior(2R) 13-10-0 to 18-0-15, Interior(1) 18-0-15 to 23-6-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 14, 10 except (jt=lb) 16=193, 17=215, 13=188, 12=216.
12) 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	RJH CONST. - KUTNER RES.
2926651	PB06	GABLE	2	1	T25336335
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:33 2021 Page 1
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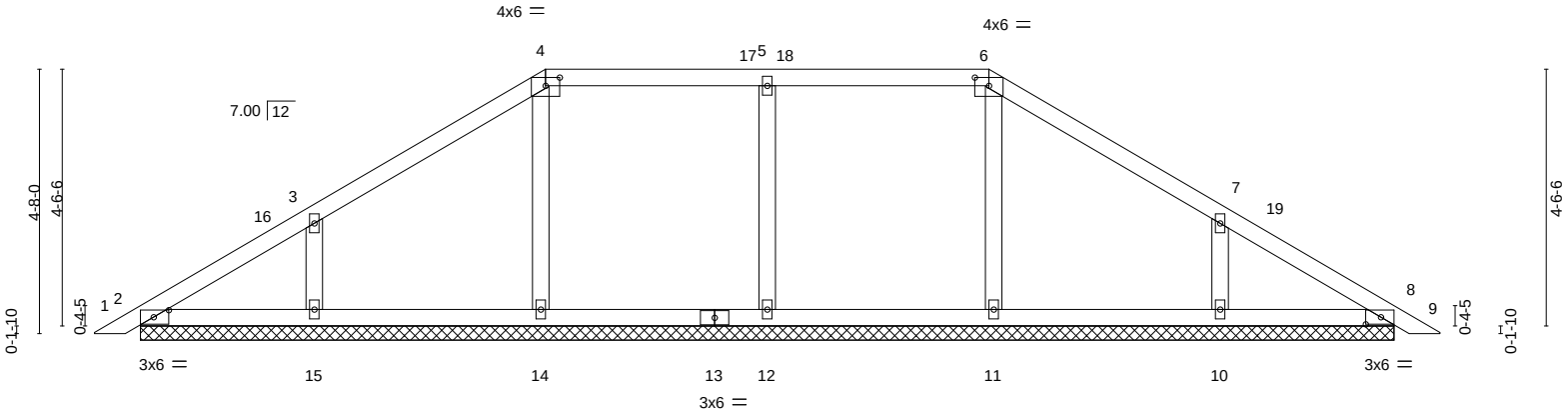
8-0-0 15-10-0 23-10-0
8-0-0 7-10-0 8-0-0

Scale = 1:40.7



23-10-0
23-10-0

Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [4:0-3-0,0-1-12], [6:0-3-0,0-1-12], [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	0.17	Vert(LL)	0.00	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.17	Vert(CT)	0.00	9	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 94 lb	FT = 20%

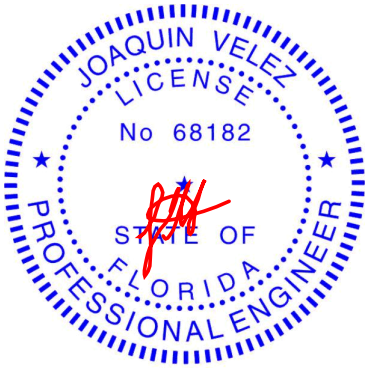
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 22-1-11.
(lb) - Max Horz 2=-146(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 11, 8 except 12=-171(LC 9), 14=-111(LC 12), 15=-230(LC 12), 10=-230(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 8 except 12=403(LC 26), 14=322(LC 19), 15=401(LC 19), 11=321(LC 26), 10=401(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-15=-267/249, 7-10=-267/248

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 3-3-11, Interior(1) 3-3-11 to 8-0-0, Exterior(2R) 8-0-0 to 12-2-15, Interior(1) 12-2-15 to 15-10-0, Exterior(2R) 15-10-0 to 19-11-0, Interior(1) 19-11-0 to 23-6-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 11, 8 except (jt=lb) 12=171, 14=111, 15=230, 10=230.
12) 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	RJH CONST. - KUTNER RES.
2926651	PB07	GABLE	2	1	T25336336
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:34 2021 Page 1
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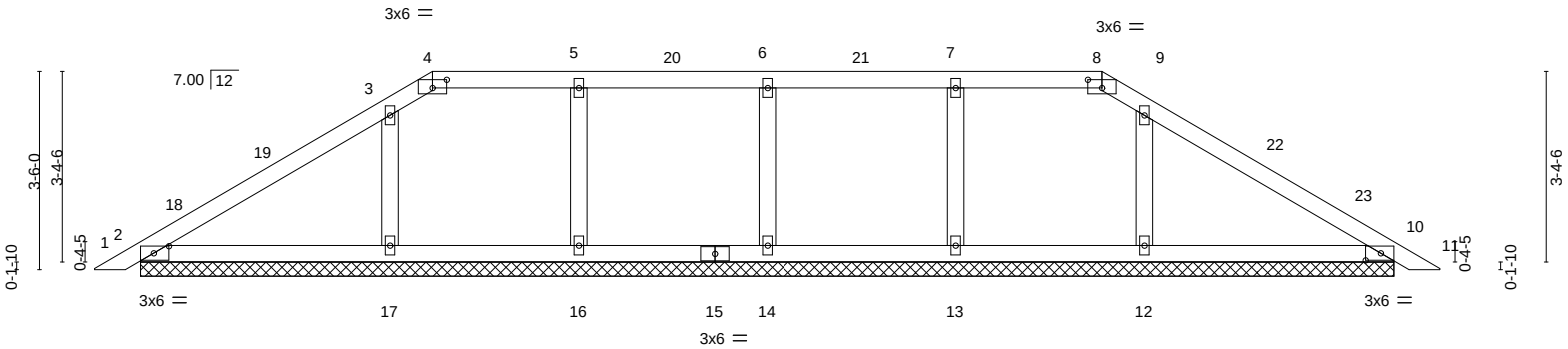
6-0-0 | 17-10-0 | 23-10-0
6-0-0 | 11-10-0 | 6-0-0

Scale = 1:40.7



23-10-0
23-10-0

Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [4:0-3-0,0-1-12], [8:0-3-0,0-1-12], [10:0-3-3,0-1-8]

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	0.20	Vert(LL)	0.01	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 91 lb	FT = 20%

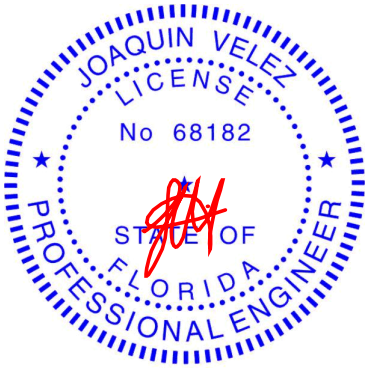
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 22-1-11.
(lb) - Max Horz 2=-109(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10 except 14=-124(LC 8), 16=-129(LC 8), 17=-228(LC 12), 13=-133(LC 9), 12=-218(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 16, 13, 10 except 14=261(LC 1), 17=368(LC 19), 12=357(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-17=-262/237, 9-12=-252/227

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 3-3-11, Interior(1) 3-3-11 to 6-0-0, Exterior(2R) 6-0-0 to 10-2-15, Interior(1) 10-2-15 to 17-10-0, Exterior(2R) 17-10-0 to 22-0-15, Interior(1) 22-0-15 to 23-6-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 3-4-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10 except (jt=lb) 14=124, 16=129, 17=228, 13=133, 12=218.
12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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September 14,2021

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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	PB08	GABLE	1	1	T25336337
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:35 2021 Page 1
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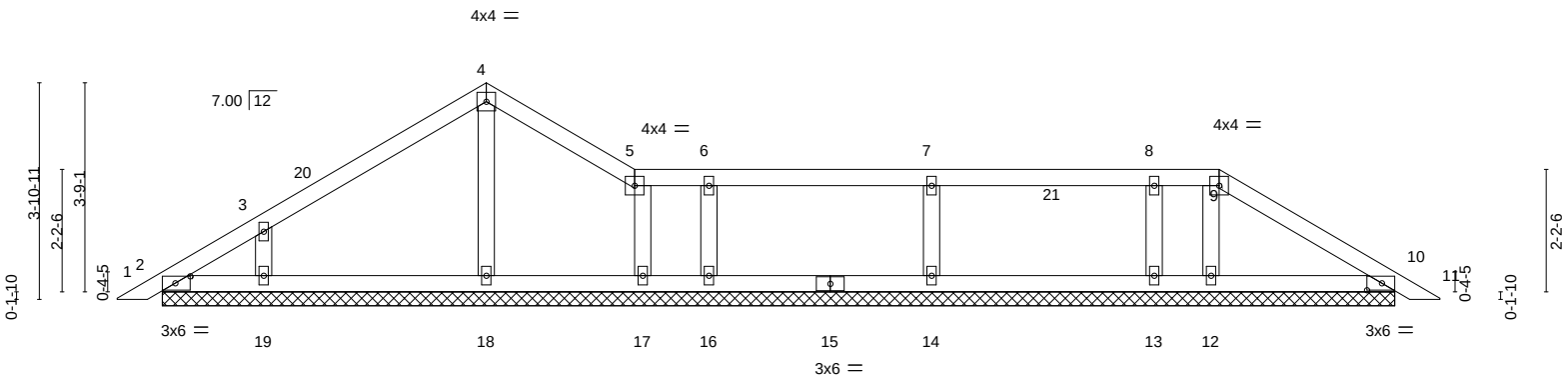
6-8-0 / 6-8-0 | 23-10-0 / 17-2-0

Scale = 1:41.4



23-10-0 / 23-10-0

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

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	0.16	Vert(LL)	0.00	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	0.00	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 90 lb	FT = 20%

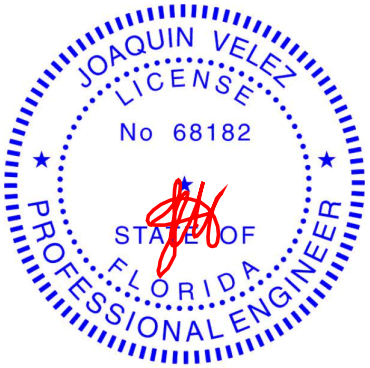
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 22-1-11.
(lb) - Max Horz 2=-121(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 18, 10, 12 except 19=-204(LC 12), 16=-126(LC 9), 14=-157(LC 13), 13=-134(LC 9), 17=-104(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 18, 16, 13, 10, 17, 12 except 19=303(LC 19), 14=318(LC 24)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 3-3-11, Interior(1) 3-3-11 to 6-8-0, Exterior(2E) 6-8-0 to 9-4-0, Interior(1) 9-4-0 to 19-10-0, Exterior(2R) 19-10-0 to 22-11-14, Interior(1) 22-11-14 to 23-6-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 18, 10, 12 except (jt=lb) 19=204, 16=126, 14=157, 13=134, 17=104.
12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	PB09	GABLE	1	1	T25336338
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:36 2021 Page 1
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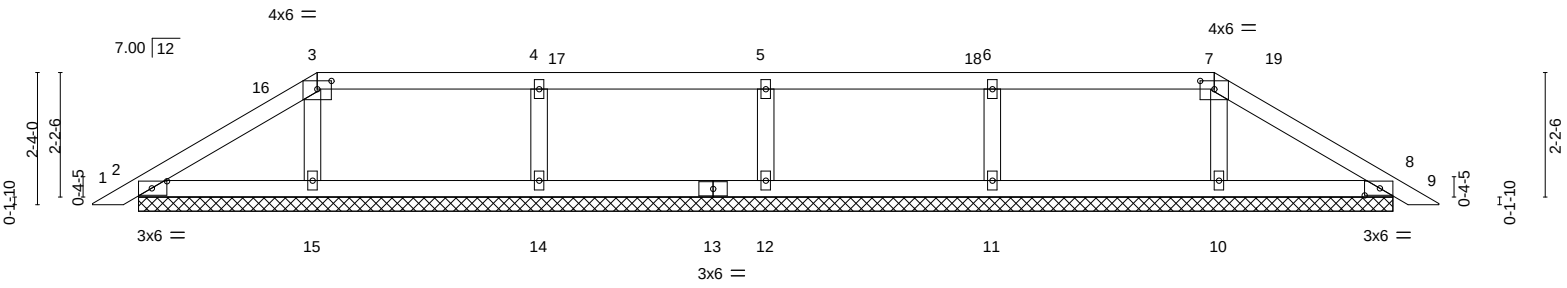
4-0-0 19-10-0 23-10-0
4-0-0 15-10-0 4-0-0

Scale = 1:40.7



23-10-0
23-10-0

Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [3:0-3-0,0-1-12], [7:0-3-0,0-1-12], [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	0.16	Vert(LL)	0.00	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	0.00	9	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 82 lb	FT = 20%

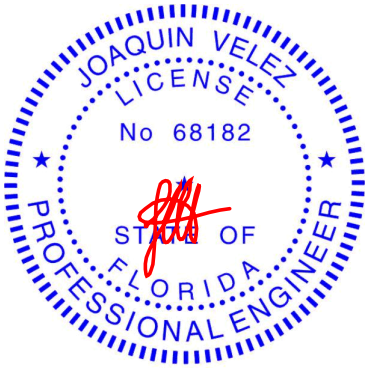
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 22-1-11.
(lb) - Max Horz 2=-70(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8 except 12=-139(LC 8), 14=-162(LC 8), 15=-136(LC 12), 11=-162(LC 9), 10=-123(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 8 except 12=290(LC 1), 14=314(LC 24), 15=267(LC 23), 11=314(LC 23), 10=267(LC 24)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 3-3-11, Interior(1) 3-3-11 to 4-0-0, Exterior(2R) 4-0-0 to 8-2-15, Interior(1) 8-2-15 to 19-10-0, Exterior(2E) 19-10-0 to 23-6-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8 except (jt=lb) 12=139, 14=162, 15=136, 11=162, 10=123.
12) 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:
September 14,2021

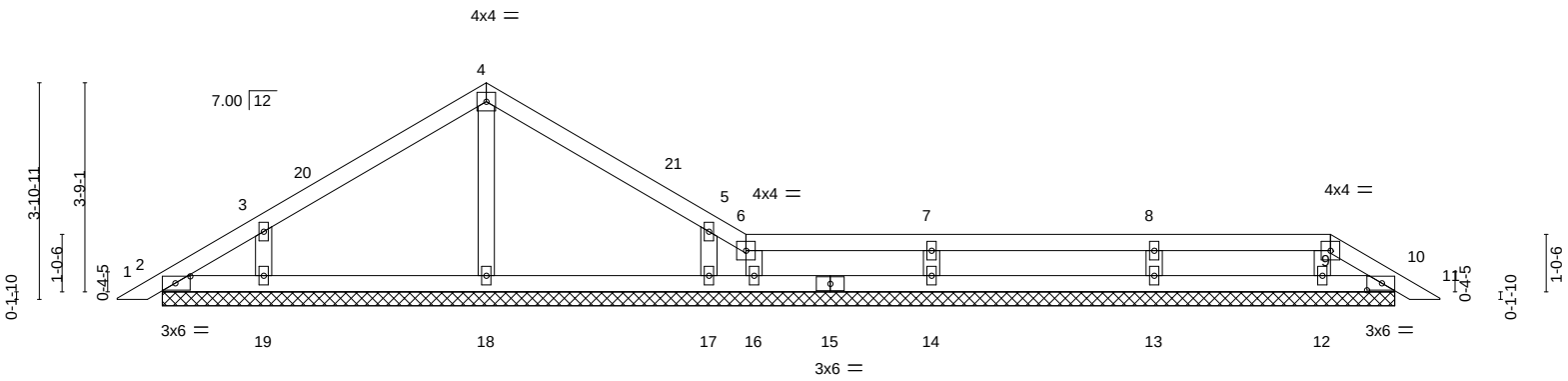
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	PB10	GABLE	1	1	T25336339
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:38 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-uXsyhzRuu8PfdWkRReVgu076qT3jLx2xJAXgzqydmhl

6-8-0 / 6-8-0 — 23-10-0 / 17-2-0

Scale = 1:41.4



23-10-0 / 23-10-0

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

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	0.16	Vert(LL)	-0.00	10	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	-0.00	10	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 82 lb	FT = 20%

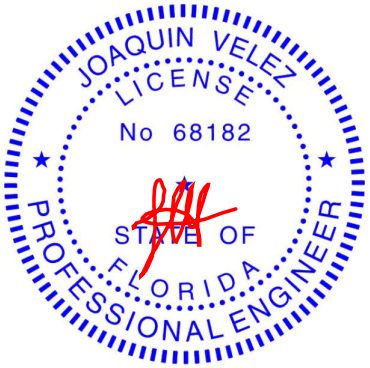
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 22-1-11.
(lb) - Max Horz 2=121(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 18, 10, 12 except 19=-203(LC 12), 17=-244(LC 13), 14=-146(LC 13), 13=-143(LC 9), 16=-122(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 2, 10, 16, 12 except 18=266(LC 1), 19=300(LC 19), 17=348(LC 20), 14=293(LC 24), 13=284(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 5-17=-288/263

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 3-3-11, Interior(1) 3-3-11 to 6-8-0, Exterior(2R) 6-8-0 to 9-8-0, Interior(1) 9-8-0 to 21-10-0, Exterior(2E) 21-10-0 to 23-6-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 18, 10, 12 except (jt=lb) 19=203, 17=244, 14=146, 13=143, 16=122.
12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Date:
September 14,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	PB11	GABLE	1	1	T25336340
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:39 2021 Page 1
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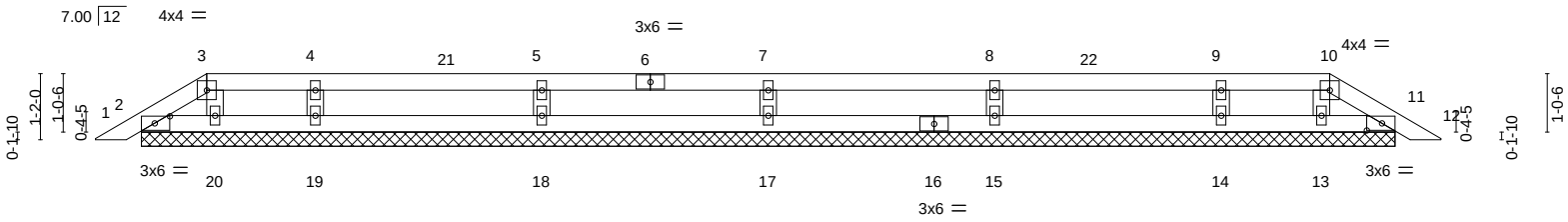
23-10-0

Scale = 1:40.7



23-10-0
23-10-0

Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [11:0-3-3,0-1-8]

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	0.15	Vert(LL)	-0.00	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	0.00	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 74 lb	FT = 20%

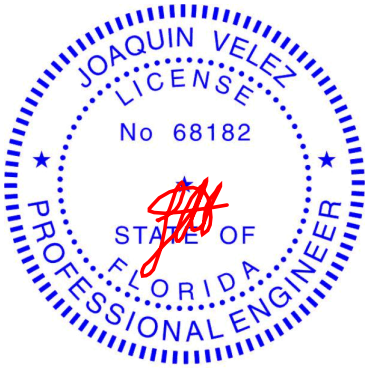
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 2-20,11-13.

REACTIONS. All bearings 22-1-11.
(lb) - Max Horz 2=32(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 11, 2, 20, 13 except 17=-143(LC 9), 18=-156(LC 12), 19=-124(LC 8), 15=-156(LC 13), 14=-124(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 11, 19, 14, 2, 20, 13 except 17=291(LC 23), 18=306(LC 1), 15=306(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 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 2-0-0, Exterior(2R) 2-0-0 to 6-2-15, Interior(1) 6-2-15 to 21-10-0, Exterior(2E) 21-10-0 to 23-6-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11, 2, 20, 13 except (jt=lb) 17=143, 18=156, 19=124, 15=156, 14=124.
12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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September 14,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T01	Hip Girder	1	1	T25336341
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:40 2021 Page 1
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-1-6-0	3-10-4	7-0-0	13-0-0	19-0-0	22-1-12	26-0-0	27-6-0
1-6-0	3-10-4	3-1-12	6-0-0	6-0-0	3-1-12	3-10-4	1-6-0

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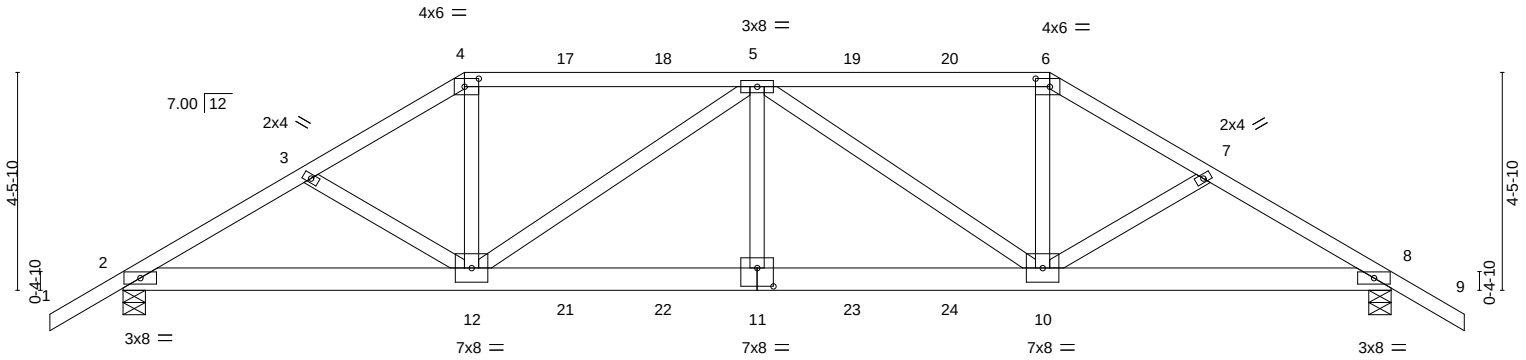


7-0-0	13-0-0	19-0-0	26-0-0
7-0-0	6-0-0	6-0-0	7-0-0

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

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)	0.26	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.29	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.95	Horz(CT)	0.09	8	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 156 lb	FT = 20%

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

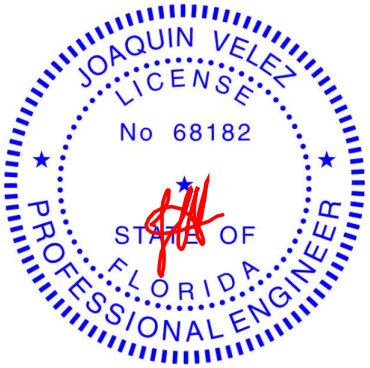
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-5-7 oc bracing.

REACTIONS. (size) 2=0-5-8, 8=0-5-8
Max Horz 2=162(LC 7)
Max Uplift 2=-1345(LC 8), 8=-1366(LC 9)
Max Grav 2=1951(LC 1), 8=1979(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3417/2440, 3-4=-3256/2381, 4-5=-2832/2136, 5-6=-2878/2170, 6-7=-3311/2422, 7-8=-3472/2481
BOT CHORD 2-12=-2102/2912, 11-12=-2574/3605, 10-11=-2574/3605, 8-10=-2028/2959
WEBS 4-12=-964/1355, 5-12=-1000/807, 5-11=-416/656, 5-10=-931/722, 6-10=-921/1322

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=1345, 8=1366.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 99 lb down and 72 lb up at 7-0-0, 99 lb down and 68 lb up at 9-0-12, 99 lb down and 68 lb up at 11-0-12, 99 lb down and 57 lb up at 13-0-0, 99 lb down and 68 lb up at 14-11-4, and 99 lb down and 68 lb up at 16-11-4, and 161 lb down and 202 lb up at 19-0-0 on top chord, and 437 lb down and 441 lb up at 7-0-0, 154 lb down and 147 lb up at 9-0-12, 154 lb down and 147 lb up at 11-0-12, 154 lb down and 147 lb up at 13-0-0, 154 lb down and 147 lb up at 14-11-4, and 154 lb down and 147 lb up at 16-11-4, and 437 lb down and 441 lb up at 18-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 6-9=-54, 2-8=-20



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Date:
September 14,2021

Continued on page 2

MiTek
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Tampa, FL 36610

LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 4=-20(B) 6=-81(B) 12=-437(B) 11=-154(B) 5=-20(B) 10=-437(B) 17=-20(B) 18=-20(B) 19=-20(B) 20=-20(B) 21=-154(B) 22=-154(B) 23=-154(B) 24=-154(B)

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T02	Hip	1	1	T25336342
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:41 2021 Page 1
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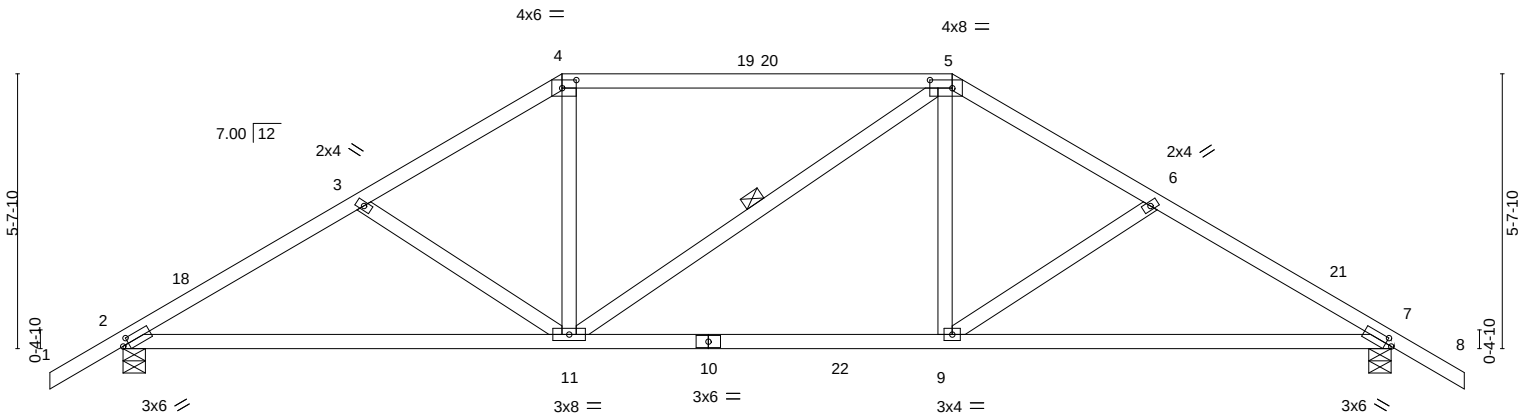
-1-6-0	4-11-4	9-0-0	17-0-0	21-0-12	26-0-0	27-6-0
1-6-0	4-11-4	4-0-12	8-0-0	4-0-12	4-11-4	1-6-0

Scale = 1:47.2



9-0-0	17-0-0	26-0-0
9-0-0	8-0-0	9-0-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.99	Vert(LL)	-0.14	9-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.76	Vert(CT)	-0.30	9-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 130 lb	FT = 20%

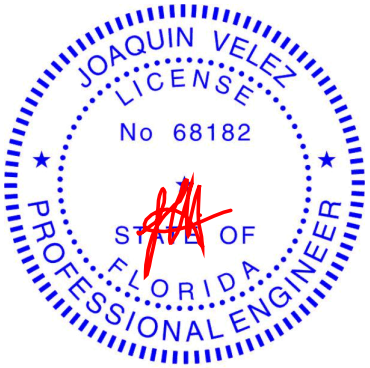
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-5-8, 7=0-5-8
Max Horz 2=-200(LC 10)
Max Uplift 2=-440(LC 12), 7=-446(LC 13)
Max Grav 2=1106(LC 2), 7=1113(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1616/620, 3-4=-1432/529, 4-5=-1209/513, 5-6=-1447/540, 6-7=-1630/630
BOT CHORD 2-11=-547/1404, 9-11=-250/1222, 7-9=-421/1390
WEBS 3-11=-332/247, 4-11=-73/457, 5-9=-88/511, 6-9=-332/245

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 9-0-0, Exterior(2R) 9-0-0 to 13-2-15, Interior(1) 13-2-15 to 17-0-0, Exterior(2R) 17-0-0 to 21-2-6, Interior(1) 21-2-6 to 27-6-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=440, 7=446.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

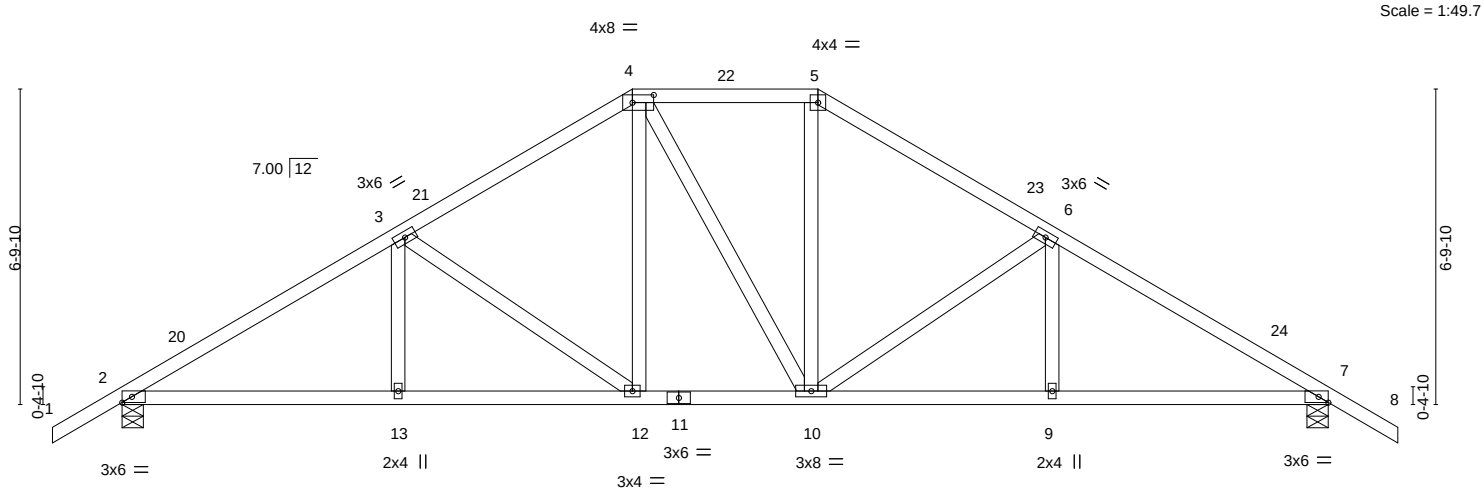
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T03	Hip	1	1	T25336343
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:42 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-mJ6SXLUOyNv5572DgUZc3sIks4L2HhdXEnVt6bydmhh

-1-6-0	5-11-7	11-0-0	15-0-0	20-0-9	26-0-0	27-6-0
1-6-0	5-11-7	5-0-9	4-0-0	5-0-9	5-11-7	1-6-0

Scale = 1:49.7



5-11-7	11-0-0	15-0-0	20-0-9	26-0-0
5-11-7	5-0-9	4-0-0	5-0-9	5-11-7

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	0.06	13-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.11	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.36	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 145 lb	FT = 20%

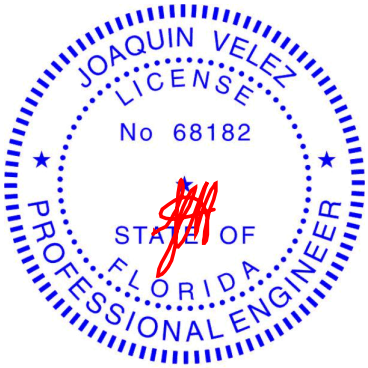
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-11-5 oc bracing.

REACTIONS. (size) 2=0-5-8, 7=0-5-8
Max Horz 2=238(LC 11)
Max Uplift 2=-437(LC 12), 7=-437(LC 13)
Max Grav 2=1043(LC 1), 7=1043(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1558/589, 3-4=-1162/481, 4-5=-942/472, 5-6=-1163/482, 6-7=-1557/589
BOT CHORD 2-13=-532/1286, 12-13=-532/1286, 10-12=-269/941, 9-10=-372/1286, 7-9=-372/1286
WEBS 3-12=-488/322, 4-12=-151/354, 5-10=-136/346, 6-10=-487/323

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 11-0-0, Exterior(2E) 11-0-0 to 15-0-0, Exterior(2R) 15-0-0 to 19-2-15, Interior(1) 19-2-15 to 27-6-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=437, 7=437.



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September 14,2021

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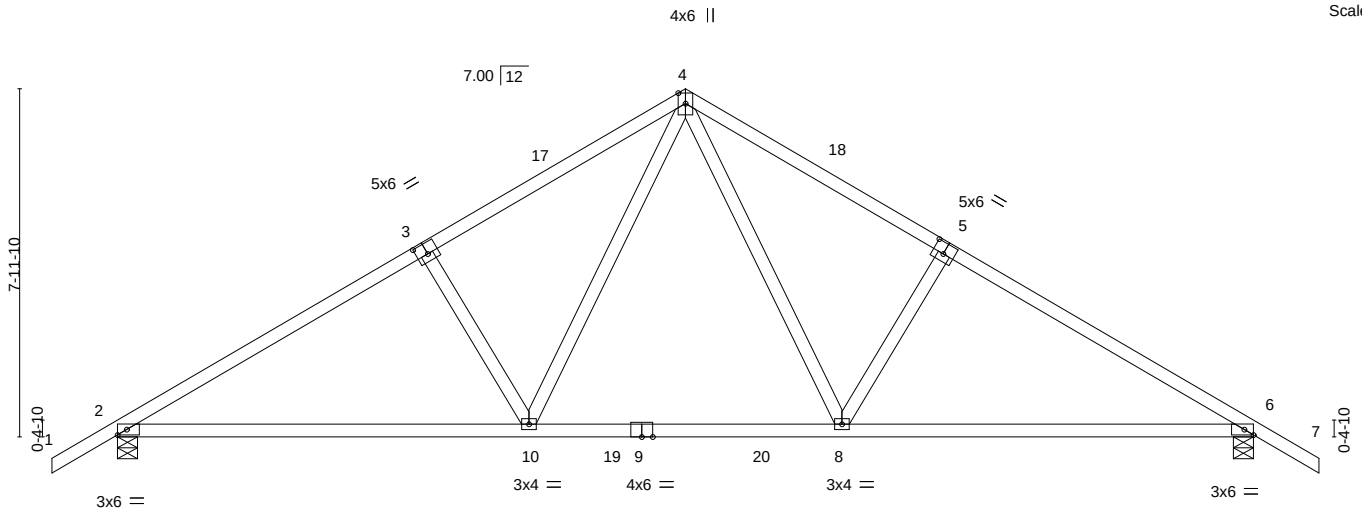
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T04	Common	1	1	T25336344
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:43 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-FVgrlgV0jh1xjHdPEB5rb3qsfUgK04FgTRFRe1ydmhg

-1-6-0	7-1-0	13-0-0	18-11-0	26-0-0	27-6-0
1-6-0	7-1-0	5-11-0	5-11-0	7-1-0	1-6-0

Scale = 1:52.7



9-5-0	16-7-0	26-0-0
9-5-0	7-1-15	9-5-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.54	Vert(LL)	0.19	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.29	8-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.59	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 127 lb	FT = 20%

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

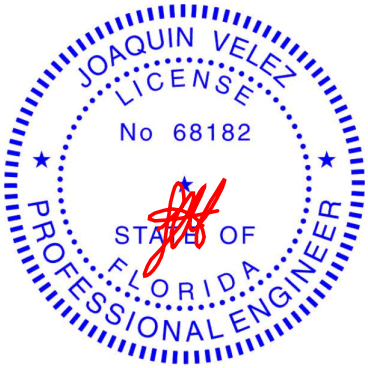
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-1-14 oc bracing.

REACTIONS. (size) 2=0-5-8, 6=0-5-8
Max Horz 2=275(LC 11)
Max Uplift 2=-536(LC 12), 6=-536(LC 13)
Max Grav 2=1430(LC 19), 6=1430(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2124/777, 3-4=-1980/804, 4-5=-1981/805, 5-6=-2124/777
BOT CHORD 2-10=-700/1954, 8-10=-340/1324, 6-8=-523/1757
WEBS 4-8=-431/1022, 5-8=-394/357, 4-10=-431/1022, 3-10=-394/357

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 13-0-0, Exterior(2R) 13-0-0 to 16-0-0, Interior(1) 16-0-0 to 27-6-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=536, 6=536.
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, 4-7=-54, 10-11=-20, 8-10=-80(F=-60), 8-14=-20



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Date:
September 14,2021

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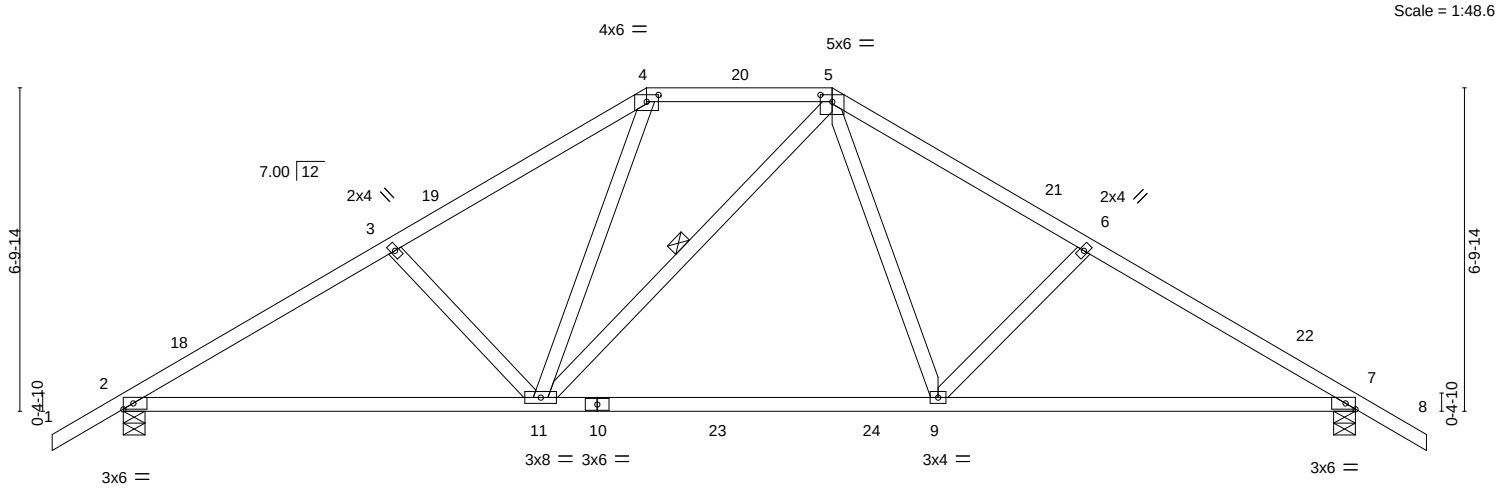
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T05	Hip	1	1	T25336345
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:44 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-jhDDy0VfU_9oLRBbovc48HN3Fu_ilcxqi5__ATydmhf

-1-6-0	5-8-12	11-0-8	14-11-8	20-3-4	26-0-0	27-6-0
1-6-0	5-8-12	5-3-12	3-11-0	5-3-12	5-8-12	1-6-0

Scale = 1:48.6



8-9-11	17-2-5	26-0-0
8-9-11	8-4-10	8-9-11

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.42	Vert(LL)	0.31	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.53	9-11	>591	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.31	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 134 lb	FT = 20%

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

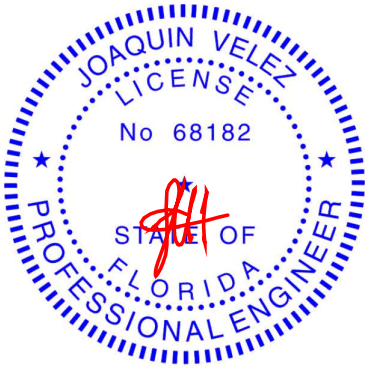
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-8-7 oc bracing.
WEBS 1 Row at midpt 5-11

REACTIONS. (size) 2=0-5-8, 7=0-5-8
Max Horz 2=-238(LC 10)
Max Uplift 2=-562(LC 12), 7=-561(LC 13)
Max Grav 2=1416(LC 19), 7=1420(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2189/866, 3-4=-2000/823, 4-5=-1405/692, 5-6=-2003/819, 6-7=-2195/866
BOT CHORD 2-11=-774/1996, 9-11=-406/1414, 7-9=-613/1823
WEBS 3-11=-334/303, 4-11=-295/883, 5-9=-331/945, 6-9=-337/304

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 11-0-8, Exterior(2E) 11-0-8 to 14-11-8, Exterior(2R) 14-11-8 to 19-2-7, Interior(1) 19-2-7 to 27-6-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=562, 7=561.
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, 5-8=-54, 11-12=-20, 9-11=-80(F=-60), 9-15=-20



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6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

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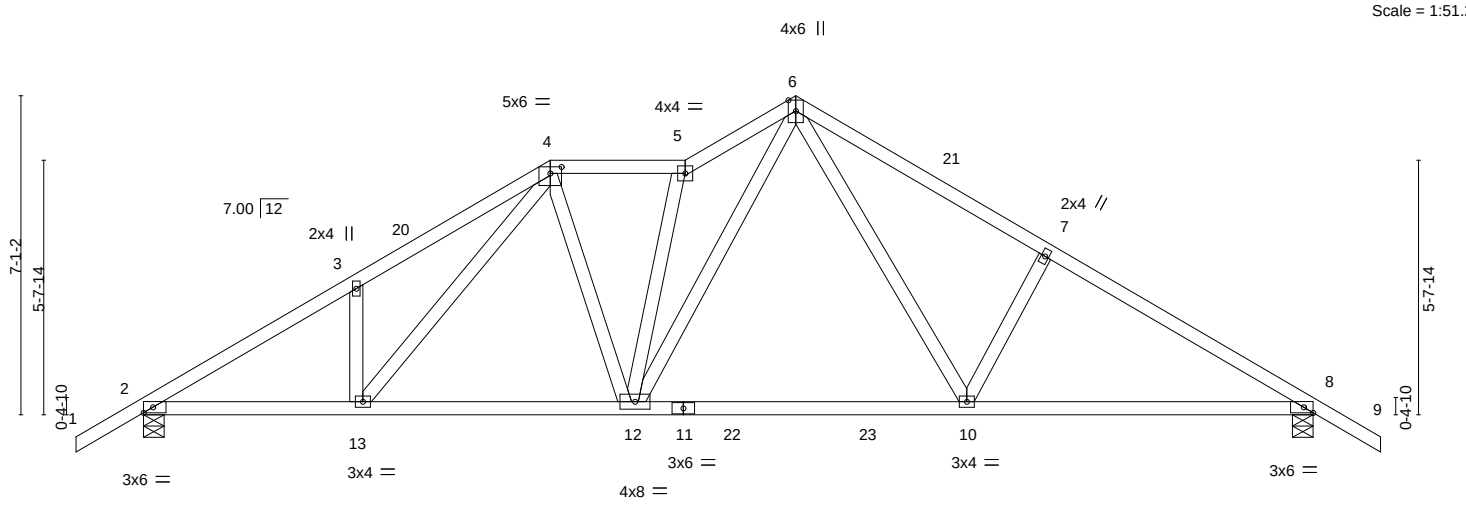
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T06	Roof Special	1	1	T25336346
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:45 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-Btnb9MWHFIHfzbmnLc7JhUwEZIMXUyJzwlkXjwydmhe

-1-6-0	4-8-12	9-0-8	12-0-8	14-6-0	20-0-8	26-0-0	27-6-0
1-6-0	4-8-12	4-3-12	3-0-0	2-5-8	5-6-8	5-11-8	1-6-0

Scale = 1:51.2



4-8-12	10-8-6	18-3-10	26-0-0
4-8-12	5-11-10	7-7-4	7-8-6

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.45	Vert(LL)	0.23	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.41	10-12	>756	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.75	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 146 lb	FT = 20%

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

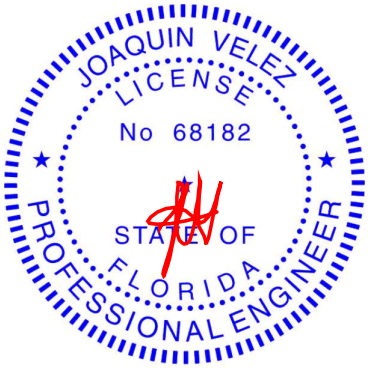
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-0-6 oc bracing.

REACTIONS. (size) 2=0-5-8, 8=0-5-8
Max Horz 2=246(LC 11)
Max Uplift 2=-548(LC 12), 8=-542(LC 13)
Max Grav 2=1355(LC 19), 8=1453(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2098/804, 3-4=-2152/965, 4-5=-1696/735, 5-6=-2236/1035, 6-7=-2168/856, 7-8=-2273/816
BOT CHORD 2-13=-742/1932, 12-13=-562/1605, 10-12=-410/1376, 8-10=-594/1884
WEBS 3-13=-296/282, 4-13=-288/521, 4-12=-206/643, 5-12=-1164/608, 6-12=-667/1362, 6-10=-411/985, 7-10=-324/309

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 9-0-8, Exterior(2E) 9-0-8 to 12-0-8, Interior(1) 12-0-8 to 14-6-0, Exterior(2R) 14-6-0 to 17-6-0, Interior(1) 17-6-0 to 27-6-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=548, 8=542.
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, 5-6=-54, 6-9=-54, 12-14=-20, 10-12=-80(F=-60), 10-17=-20



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September 14,2021

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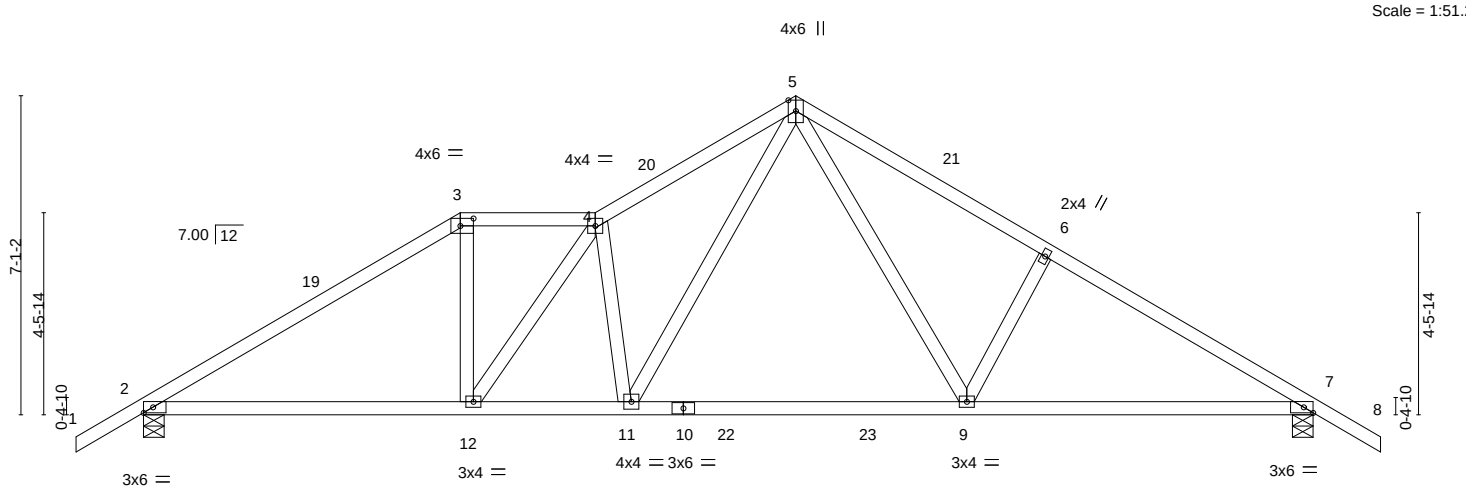
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T07	Roof Special	1	1	T25336347
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:46 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-f4LzNiXv0cPWalL_vKeYDiSInhhJDP379PT5FMydmhd

-1-6-0	7-0-8	10-0-8	14-6-0	20-0-8	26-0-0	27-6-0
1-6-0	7-0-8	3-0-0	4-5-8	5-6-8	5-11-8	1-6-0

Scale = 1:51.2



7-0-8	10-8-6	18-3-10	26-0-0
7-0-8	3-7-14	7-7-4	7-8-6

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.87	Vert(LL)	-0.24	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.44	9-11	>708	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.72	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 135 lb	FT = 20%

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

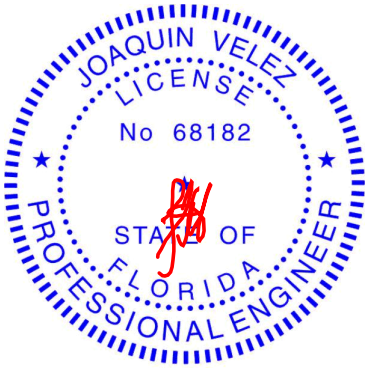
BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 8-7-10 oc bracing.

REACTIONS. (size) 2=0-5-8, 7=0-5-8
Max Horz 2=-246(LC 10)
Max Uplift 2=-550(LC 12), 7=-543(LC 13)
Max Grav 2=1351(LC 19), 7=1458(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1964/765, 3-4=-1673/746, 4-5=-2327/1008, 5-6=-2181/859, 6-7=-2286/819
BOT CHORD 2-12=-659/1770, 11-12=-792/2181, 9-11=-415/1398, 7-9=-595/1895
WEBS 3-12=-204/768, 4-12=-808/309, 4-11=-686/449, 5-11=-626/1383, 5-9=-409/998, 6-9=-326/310

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 7-0-8, Exterior(2E) 7-0-8 to 10-0-8, Interior(1) 10-0-8 to 14-6-0, Exterior(2R) 14-6-0 to 17-6-0, Interior(1) 17-6-0 to 27-6-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=550, 7=543.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-54, 4-5=-54, 5-8=-54, 11-13=-20, 9-11=-80(F=-60), 9-16=-20



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September 14,2021

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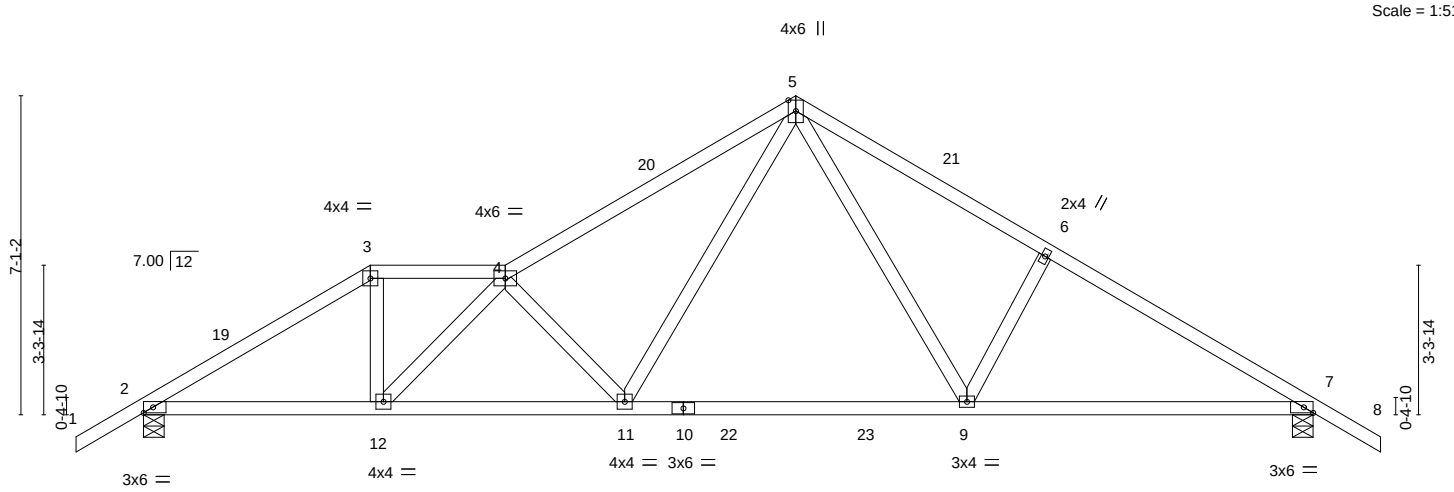
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T08	Roof Special	1	1	T25336348
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:47 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-7GvLa2YXnvXNCvwAT19nmv?aA50dyufGO3Denoydmhc

-1-6-0	5-0-8	8-0-8	14-6-0	20-0-8	26-0-0	27-6-0
1-6-0	5-0-8	3-0-0	6-5-8	5-6-8	5-11-8	1-6-0

Scale = 1:51.2



5-0-8	10-8-6	18-3-10	26-0-0
5-0-8	5-7-14	7-7-5	7-8-6

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.44	Vert(LL)	-0.24	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.45	9-11	>696	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.63	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 132 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 4-5: 2x4 SP M 31
BOT CHORD 2x4 SP M 31
WEBS 2x4 SP No.3

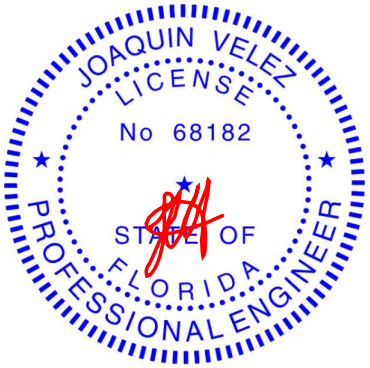
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-7-14 oc bracing.

REACTIONS. (size) 2=0-5-8, 7=0-5-8
Max Horz 2=246(LC 11)
Max Uplift 2=-550(LC 12), 7=-543(LC 13)
Max Grav 2=1342(LC 19), 7=1458(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2029/791, 3-4=-1762/750, 4-5=-2361/941, 5-6=-2181/860, 6-7=-2285/820
BOT CHORD 2-12=-715/1857, 11-12=-1015/2605, 9-11=-420/1419, 7-9=-594/1894
WEBS 3-12=-261/875, 4-12=-1068/427, 4-11=-808/501, 5-11=-541/1337, 5-9=-410/997, 6-9=-322/306

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 5-0-8, Exterior(2E) 5-0-8 to 8-0-8, Interior(1) 8-0-8 to 14-6-0, Exterior(2R) 14-6-0 to 17-6-0, Interior(1) 17-6-0 to 27-6-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=550, 7=543.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-54, 4-5=-54, 5-8=-54, 11-13=-20, 9-11=-80(F=-60), 9-16=-20



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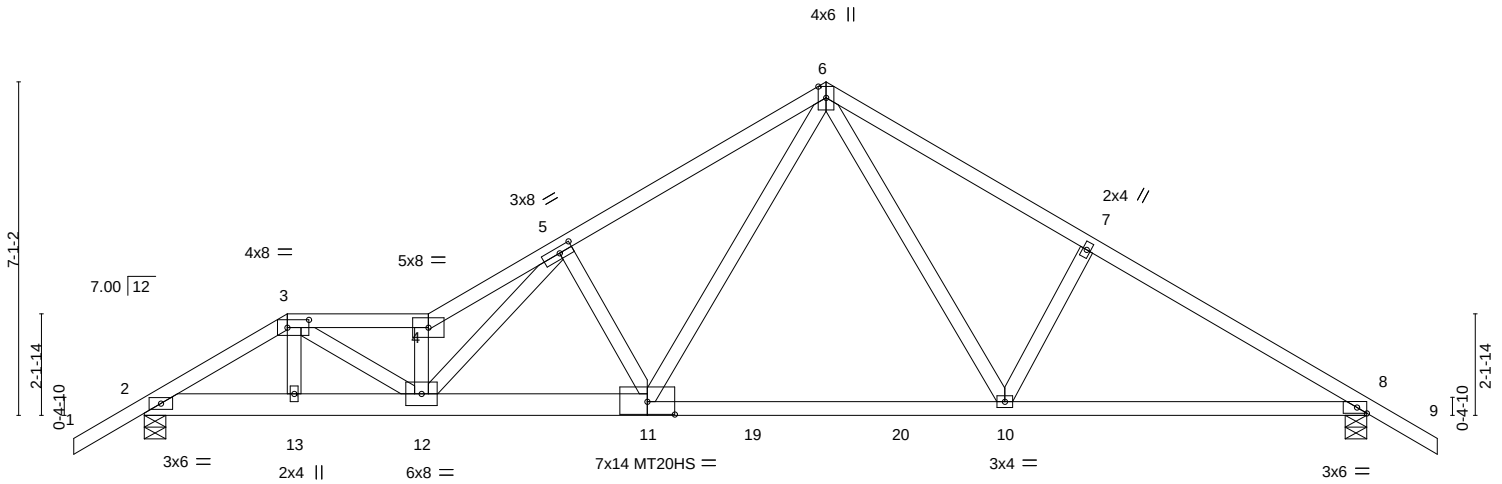
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T09	Roof Special Girder	1	1	T25336349
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:48 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-bSTkoOZ9YDfEq2VM1kg0l7YiLVGDhHBPcjyCKFydmhb

-1-6-0	3-0-8	6-0-8	8-11-8	14-6-0	20-0-8	26-0-0	27-6-0
1-6-0	3-0-8	3-0-0	2-11-0	5-6-8	5-6-8	5-11-8	1-6-0

Scale = 1:49.0



3-0-8	6-0-8	10-8-6	18-3-10	26-0-0
3-0-8	3-0-0	4-7-14	7-7-4	7-8-6

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	0.27	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.94	Vert(CT)	-0.49	10-11	>643	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.87	Horz(CT)	0.06	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 145 lb	FT = 20%

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

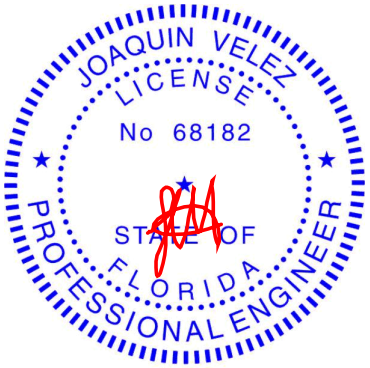
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-6-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-4-14 oc bracing.

REACTIONS. (size) 2=0-5-8, 8=0-5-8
Max Horz 2=246(LC 7)
Max Uplift 2=-802(LC 8), 8=-581(LC 9)
Max Grav 2=1743(LC 2), 8=1516(LC 34)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3075/1358, 3-4=-3695/1573, 4-5=-4478/1934, 5-6=-2683/1143, 6-7=-2286/930, 7-8=-2391/890
BOT CHORD 2-13=-1236/2734, 12-13=-1256/2788, 11-12=-1107/2793, 10-11=-477/1535, 8-10=-650/1986
WEBS 3-13=-249/680, 3-12=-594/1414, 4-12=-2281/1027, 5-12=-890/1988, 5-11=-936/581, 6-11=-744/1697, 6-10=-405/970, 7-10=-329/311

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=802, 8=581.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 142 lb down and 143 lb up at 3-0-8 on top chord, and 422 lb down and 207 lb up at 2-11-4 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



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September 14,2021

Continued on page 2

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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-3=-54, 3-4=-54, 4-6=-54, 6-9=-54, 2-11=-20, 10-11=-80(F=-60), 10-16=-20

Concentrated Loads (lb)

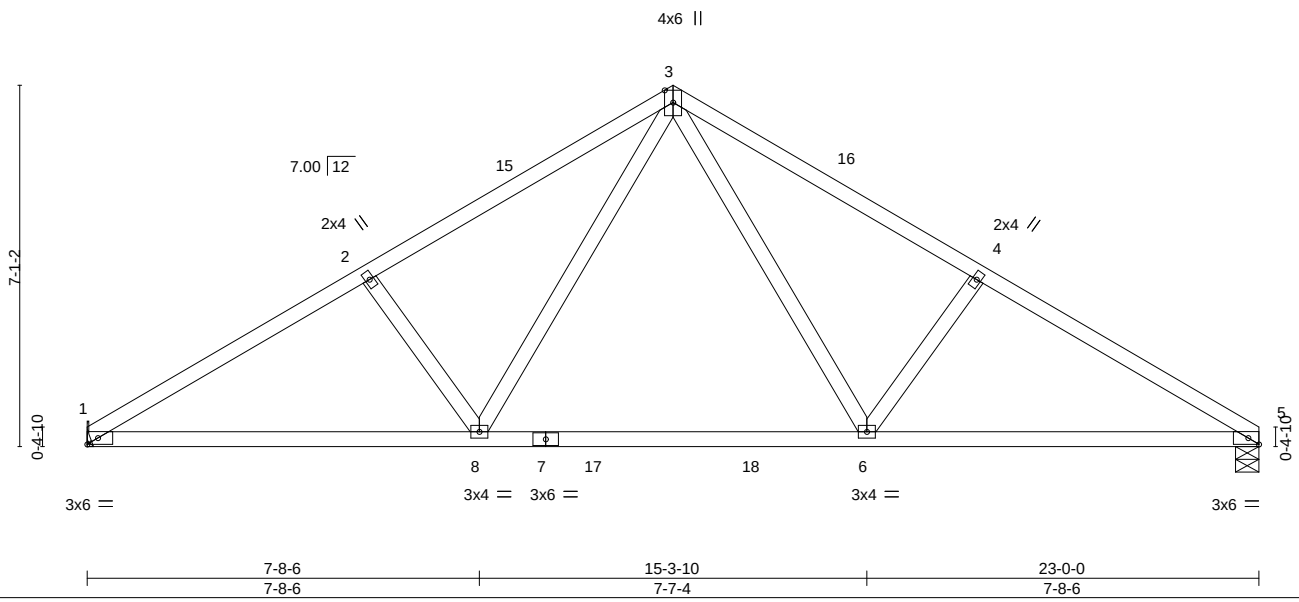
Vert: 3=-102(F) 13=-422(F)

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T10	Common	1	1	T25336350
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:48 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-bSTkoOZ9YDfEq2VM1kg0I7YkqVNPhNPPcjyCKFydmhb

5-6-8	11-6-0	17-5-8	23-0-0
5-6-8	5-11-8	5-11-8	5-6-8

Scale = 1:45.2



7-8-6	15-3-10	23-0-0
7-8-6	7-7-4	7-8-6

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	0.22	6-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.38	6-8	>723	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.47	Horz(CT)	0.04	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 108 lb	FT = 20%

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

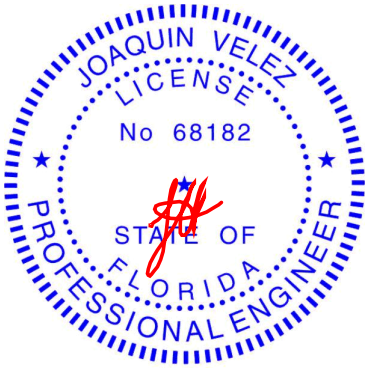
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-1-1 oc bracing.

REACTIONS. (size) 1=Mechanical, 5=0-5-8
Max Horz 1=218(LC 9)
Max Uplift 1=-445(LC 12), 5=-445(LC 13)
Max Grav 1=1235(LC 19), 5=1235(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2044/767, 2-3=-1907/768, 3-4=-1907/769, 4-5=-2044/767
BOT CHORD 1-8=-722/1869, 6-8=-344/1193, 5-6=-575/1706
WEBS 3-6=-404/988, 4-6=-339/319, 3-8=-403/988, 2-8=-339/319

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 11-6-0, Exterior(2R) 11-6-0 to 14-6-0, Interior(1) 14-6-0 to 23-0-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) 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=445, 5=445.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-54, 8-9=-20, 6-8=-80(F=-60), 6-12=-20



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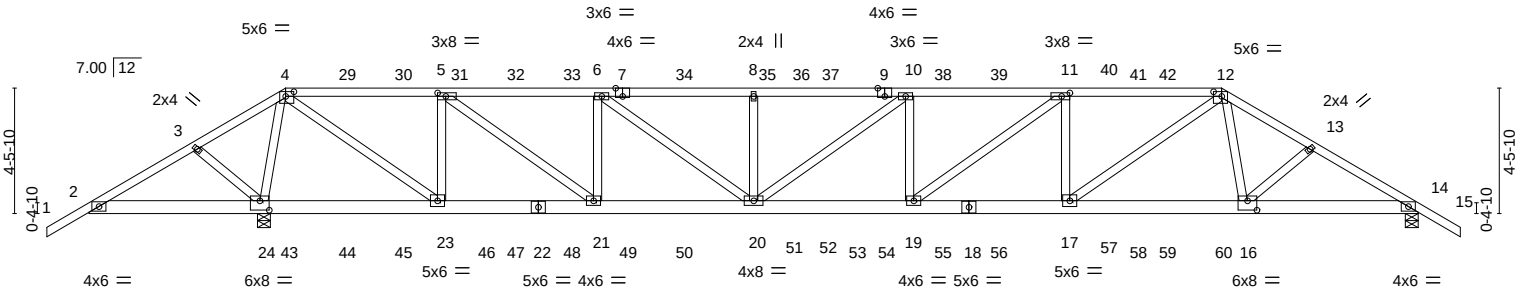
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T11	Hip Girder	1	2	T25336351
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:57 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-qBW7hTgoQ_oyPRh527L7A0PD07MqIKakhdeA8DydmhS

1-6-0	3-10-4	7-0-0	12-6-11	18-1-5	23-8-0	29-2-11	34-9-5	40-4-0	43-5-12	47-4-0	48-10-0
1-6-0	3-10-4	3-1-12	5-6-11	5-6-11	5-6-11	5-6-11	5-6-11	5-6-11	3-1-12	3-10-4	1-6-0

Scale = 1:82.0



6-0-0	6-2-12	12-6-11	18-1-5	23-8-0	29-2-11	34-9-5	41-1-4	47-4-0
6-0-0	0-2-12	6-3-15	5-6-11	5-6-11	5-6-11	5-6-11	6-3-15	6-2-12

Plate Offsets (X,Y)-- [4:0-3-8,0-2-0], [5:0-3-8,0-1-8], [7:0-3-0,Edge], [9:0-3-0,Edge], [11:0-3-8,0-1-8], [12:0-3-8,0-2-0], [16:0-4-0,0-4-0], [24:0-4-0,0-4-0]

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	0.67	Vert(LL)	0.61	19-20	>806	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.66	19-20	>748	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.92	Horz(CT)	0.11	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 591 lb	FT = 20%

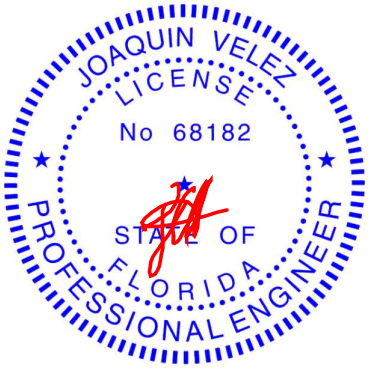
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 24=0-5-8, 14=0-5-8
Max Horz 24=162(LC 33)
Max Uplift 24=-2793(LC 8), 14=-2272(LC 9)
Max Grav 24=3900(LC 1), 14=3198(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-269/465, 3-4=-322/605, 4-5=-4362/3309, 5-6=-6942/5191, 6-8=-8321/6200, 8-10=-8321/6200, 10-11=-8406/6245, 11-12=-7323/5441, 12-13=-5816/4285, 13-14=-5942/4311
BOT CHORD 2-24=-369/321, 23-24=-612/569, 21-23=-3290/4362, 20-21=-5143/6942, 19-20=-6143/8406, 17-19=-5314/7323, 16-17=-3460/4845, 14-16=-3599/5078
WEBS 4-24=-3466/2418, 4-23=-3521/4836, 5-23=-2307/1725, 5-21=-2338/3255, 6-21=-1396/1055, 6-20=-1300/1760, 8-20=-361/326, 10-19=-291/301, 11-19=-1030/1345, 11-17=-1168/945, 12-17=-2330/3078, 12-16=-563/774

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 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 24=2793, 14=2272.



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Date:
September 14,2021

Continued on page 2

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NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 99 lb down and 72 lb up at 7-0-0, 99 lb down and 68 lb up at 9-0-12, 99 lb down and 68 lb up at 11-0-12, 99 lb down and 68 lb up at 13-0-12, 99 lb down and 68 lb up at 15-0-12, 99 lb down and 68 lb up at 17-0-12, 99 lb down and 68 lb up at 19-0-12, 99 lb down and 68 lb up at 21-0-12, 99 lb down and 64 lb up at 23-0-12, 99 lb down and 64 lb up at 24-3-4, 99 lb down and 68 lb up at 26-3-4, 99 lb down and 68 lb up at 28-3-4, 99 lb down and 68 lb up at 30-3-4, 99 lb down and 68 lb up at 32-3-4, 99 lb down and 68 lb up at 34-3-4, 99 lb down and 68 lb up at 36-3-4, and 99 lb down and 68 lb up at 38-3-4, and 161 lb down and 202 lb up at 40-4-0 on top chord, and 128 lb down and 246 lb up at 7-0-0, 154 lb down and 147 lb up at 9-0-12, 154 lb down and 147 lb up at 11-0-12, 154 lb down and 147 lb up at 13-0-12, 154 lb down and 147 lb up at 15-0-12, 154 lb down and 147 lb up at 17-0-12, 154 lb down and 147 lb up at 19-0-12, 154 lb down and 147 lb up at 21-0-12, 154 lb down and 147 lb up at 23-0-12, 154 lb down and 147 lb up at 24-3-4, 154 lb down and 147 lb up at 26-3-4, 154 lb down and 147 lb up at 28-3-4, 154 lb down and 147 lb up at 30-3-4, 154 lb down and 147 lb up at 32-3-4, 154 lb down and 147 lb up at 34-3-4, 154 lb down and 147 lb up at 36-3-4, and 154 lb down and 147 lb up at 38-3-4, and 437 lb down and 441 lb up at 40-3-4 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, 4-12=-54, 12-15=-54, 2-14=-20

Concentrated Loads (lb)

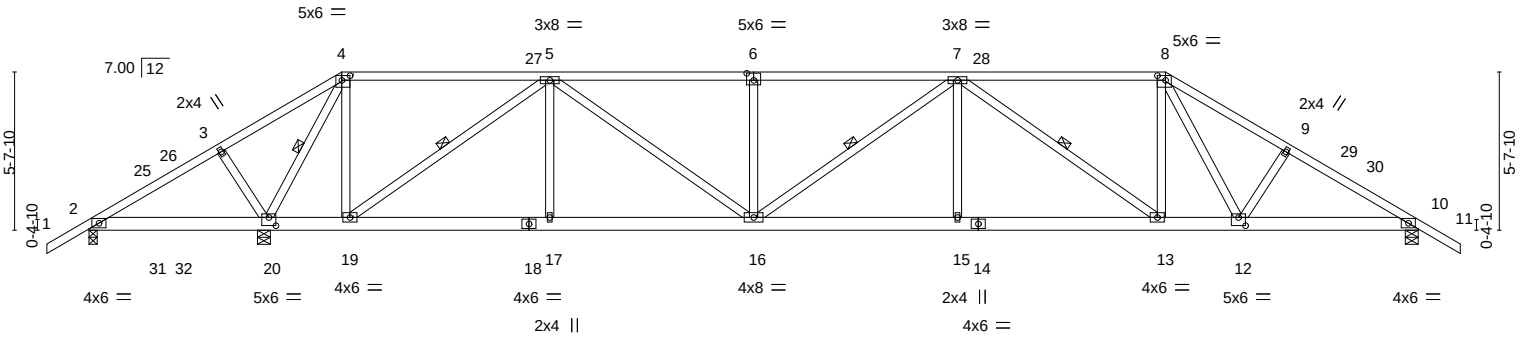
Vert: 4=-20(F) 7=-20(F) 12=-81(F) 9=-20(F) 29=-20(F) 30=-20(F) 31=-20(F) 32=-20(F) 33=-20(F) 34=-20(F) 35=-20(F) 36=-20(F) 37=-20(F) 38=-20(F) 39=-20(F) 40=-20(F) 41=-20(F) 42=-20(F) 43=-85(F) 44=-154(F) 45=-154(F) 46=-154(F) 47=-154(F) 48=-154(F) 49=-154(F) 50=-154(F) 51=-154(F) 52=-154(F) 53=-154(F) 54=-154(F) 55=-154(F) 56=-154(F) 57=-154(F) 58=-154(F) 59=-154(F) 60=-437(F)

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T12	Hip	1	1	T25336352
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:26:59 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-nadu69h3yb2gelrUAYNbFRVZnx8PmF318x7HC6ydmhQ

1-6-0	4-8-8	9-0-0	16-4-14	23-8-0	30-11-2	38-4-0	42-7-8	47-4-0	48-10-0
1-6-0	4-8-8	4-3-8	7-4-14	7-3-2	7-3-2	7-4-14	4-3-8	4-8-8	1-6-0

Scale = 1:82.0



6-2-12	9-0-0	16-4-14	23-8-0	30-11-2	38-4-0	41-1-4	47-4-0
6-2-12	2-9-4	7-4-14	7-3-2	7-3-2	7-4-14	2-9-4	6-2-12

Plate Offsets (X,Y)-- [4:0-3-8,0-2-0], [6:0-3-0,0-3-0], [8:0-3-8,0-2-0], [12:0-3-0,0-3-8], [20:0-3-0,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.66	Vert(LL)	0.22	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.35	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.07	10	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 303 lb	FT = 20%

LUMBER-

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

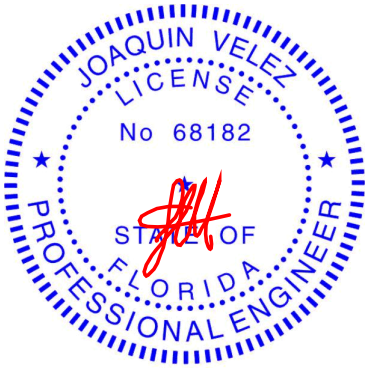
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-1-11 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 4-20, 5-19, 7-16, 7-13

REACTIONS. (size) 2=0-3-8, 20=0-5-8, 10=0-5-8
Max Horz 2=200(LC 11)
Max Uplift 2=-593(LC 24), 20=-1148(LC 9), 10=-672(LC 13)
Max Grav 2=258(LC 8), 20=2599(LC 1), 10=1482(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-606/1356, 3-4=-595/1468, 5-6=-2400/1168, 6-7=-2400/1168, 7-8=-1863/919, 8-9=-2343/1092, 9-10=-2460/1084
BOT CHORD 2-20=-1156/673, 19-20=-149/299, 17-19=-737/1569, 16-17=-737/1569, 15-16=-1040/2531, 13-15=-1040/2531, 12-13=-672/1846, 10-12=-817/2083
WEBS 3-20=-254/241, 4-20=-2463/1015, 4-19=-487/1209, 5-19=-2043/986, 5-17=0/311, 5-16=-502/1027, 6-16=-371/290, 7-15=0/300, 7-13=-907/530, 8-13=-291/650, 8-12=-187/344, 9-12=-259/228

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-2-13, Interior(1) 3-2-13 to 9-0-0, Exterior(2R) 9-0-0 to 15-8-5, Interior(1) 15-8-5 to 38-4-0, Exterior(2R) 38-4-0 to 45-0-5, Interior(1) 45-0-5 to 48-10-0 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=593, 20=1148, 10=672.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

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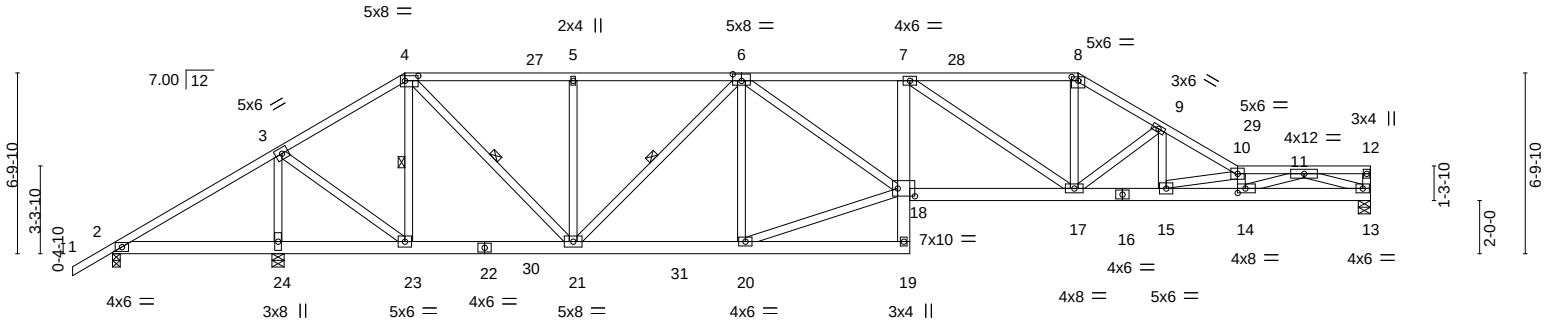
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T13	Roof Special	1	1	T25336353
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:02 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-B9J0kAjxFWQFVCa3rhwIt373T87YzavTruLxpRydmhN

1-6-0	6-2-12	11-0-0	17-4-0	23-8-0	30-0-0	36-4-0	39-6-0	42-4-0	44-10-0	47-4-0
1-6-0	6-2-12	4-9-4	6-4-0	6-4-0	6-4-0	6-4-0	3-2-0	2-10-0	2-6-0	2-6-0

Scale = 1:86.7



FASTEN TRUSS TO BEARING FOR THE UPLIFT REACTION SHOWN WHILE PERMITTING NO UPWARD MOVEMENT OF THE BEARING.

6-2-12	11-0-0	17-4-0	23-8-0	30-0-0	36-4-0	39-6-0	42-4-0	47-4-0
6-2-12	4-9-4	6-4-0	6-4-0	6-4-0	6-4-0	3-2-0	2-10-0	5-0-0

Plate Offsets (X,Y)-- [4:0-6-0,0-2-4], [6:0-4-0,0-3-0], [8:0-3-0,0-1-12], [14:0-3-8,0-2-0], [18:0-7-12,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.75	Vert(LL)	-0.35	17-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.61	17-18	>800	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.98	Horz(CT)	0.11	13	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 326 lb	FT = 20%

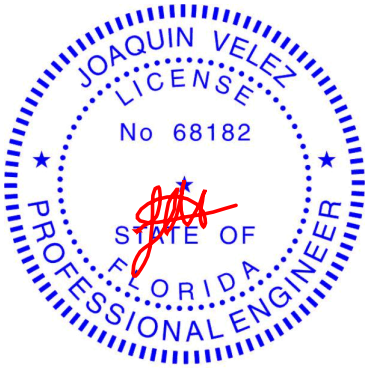
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
13-16: 2x6 SP M 26
WEBS 2x4 SP No.3 *Except*
11-14,11-13: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-11-14 oc bracing.
WEBS 1 Row at midpt 4-23, 4-21, 6-21

REACTIONS. (size) 13=0-5-8, 2=0-3-8, 24=0-5-8
Max Horz 2=264(LC 12)
Max Uplift 13=-451(LC 13), 2=-1012(LC 26), 24=-1198(LC 9)
Max Grav 13=1455(LC 2), 2=372(LC 8), 24=3296(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-831/2325, 3-4=-281/108, 4-5=-1296/572, 5-6=-1296/572, 6-7=-3093/1267, 7-8=-2574/985, 8-9=-2970/1097, 9-10=-3998/1378, 10-11=-5679/1894
BOT CHORD 2-24=-1955/795, 23-24=-1955/795, 20-21=-797/1965, 17-18=-1200/3162, 15-17=-1169/3459, 14-15=-1970/5876, 13-14=-1082/3091
WEBS 3-24=-2995/1101, 3-23=-924/2574, 4-23=-1356/600, 4-21=-749/1722, 5-21=-373/296, 6-21=-964/390, 6-20=-454/303, 18-20=-774/1913, 6-18=-526/1378, 7-17=-810/490, 8-17=-393/1289, 9-17=-1171/490, 10-14=-1267/489, 11-14=-880/2782, 11-13=-3087/1090, 9-15=-325/1055, 10-15=-2544/847

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-2-13, Interior(1) 3-2-13 to 11-0-0, Exterior(2R) 11-0-0 to 15-8-13, Interior(1) 15-8-13 to 36-4-0, Exterior(2R) 36-4-0 to 41-0-13, Interior(1) 41-0-13 to 47-2-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=451, 2=1012, 24=1198.
8) This truss has large uplift reaction(s) from gravity load case(s). Proper connection is required to secure truss against upward movement at the bearings. Building designer must provide for uplift reactions indicated.



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Date:
September 14,2021

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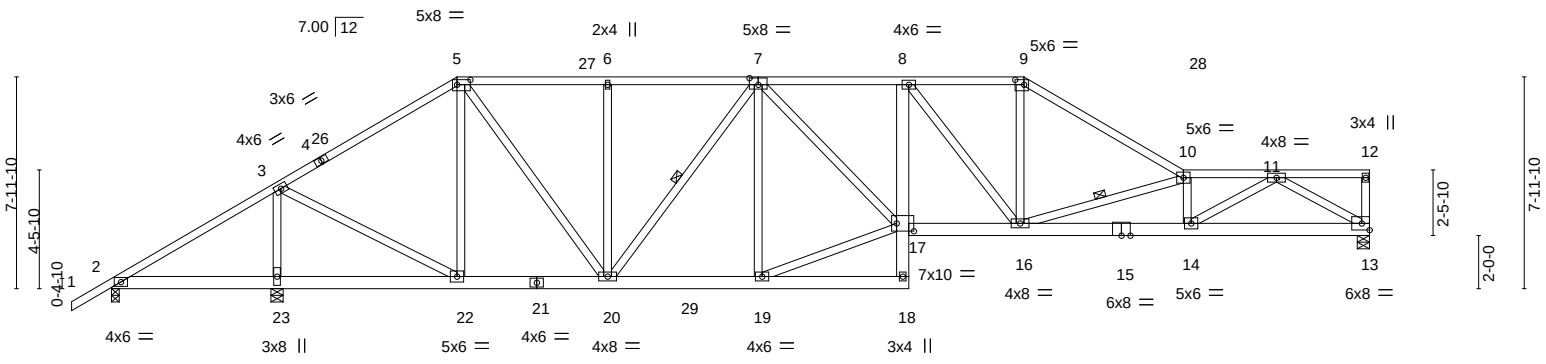
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T14	Roof Special	1	1	T25336354
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:03 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-fLtPxWkZ?qY67M8FPOSXPHfChYRmi20d3Y5ULtydmhM

1-6-0	6-2-12	13-0-0	18-8-0	24-4-0	30-0-0	34-4-0	40-4-0	43-10-0	47-4-0
1-6-0	6-2-12	6-9-4	5-8-0	5-8-0	5-8-0	4-4-0	6-0-0	3-6-0	3-6-0

Scale = 1:86.7



6-2-12	13-0-0	18-8-0	24-4-0	30-0-0	34-4-0	40-4-0	47-4-0
6-2-12	6-9-4	5-8-0	5-8-0	5-8-0	4-4-0	6-0-0	7-0-0

Plate Offsets (X,Y)-- [5:0-6-0,0-2-4], [7:0-4-0,0-3-0], [9:0-4-0,0-2-4], [17:0-7-12,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.85	Vert(LL)	-0.25	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.75	Vert(CT)	-0.43	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.10	13	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 342 lb	FT = 20%

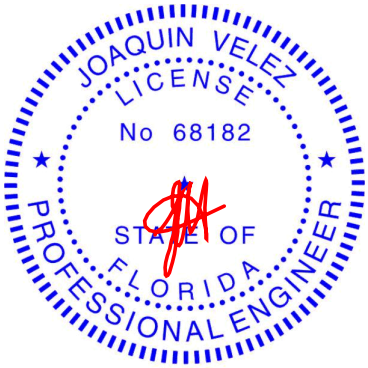
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-20, 10-16

REACTIONS. (size) 13=0-5-8, 2=0-3-8, 23=0-5-8
Max Horz 2=323(LC 12)
Max Uplift 13=-495(LC 13), 2=-568(LC 26), 23=-967(LC 9)
Max Grav 13=1527(LC 2), 2=175(LC 8), 23=2795(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-569/1447, 3-5=-984/344, 5-6=-1506/610, 6-7=-1506/610, 7-8=-2664/1000, 8-9=-2393/917, 9-10=-2799/968, 10-11=-4034/1354
BOT CHORD 2-23=-1191/475, 22-23=-1191/475, 20-22=-330/762, 19-20=-711/1908, 16-17=-933/2686, 14-16=-1384/4103, 13-14=-757/2161
WEBS 3-23=-2487/993, 3-22=-697/2210, 5-22=-816/386, 5-20=-566/1277, 6-20=-330/268, 7-20=-686/273, 7-19=-524/303, 17-19=-715/1908, 7-17=-371/1069, 8-16=-573/361, 9-16=-364/1137, 10-16=-1837/695, 10-14=-991/444, 11-14=-703/2208, 11-13=-2487/877

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-2-13, Interior(1) 3-2-13 to 13-0-0, Exterior(2R) 13-0-0 to 17-8-13, Interior(1) 17-8-13 to 34-4-0, Exterior(2R) 34-4-0 to 39-0-13, Interior(1) 39-0-13 to 47-2-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=495, 2=568, 23=967.



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Date:
September 14,2021

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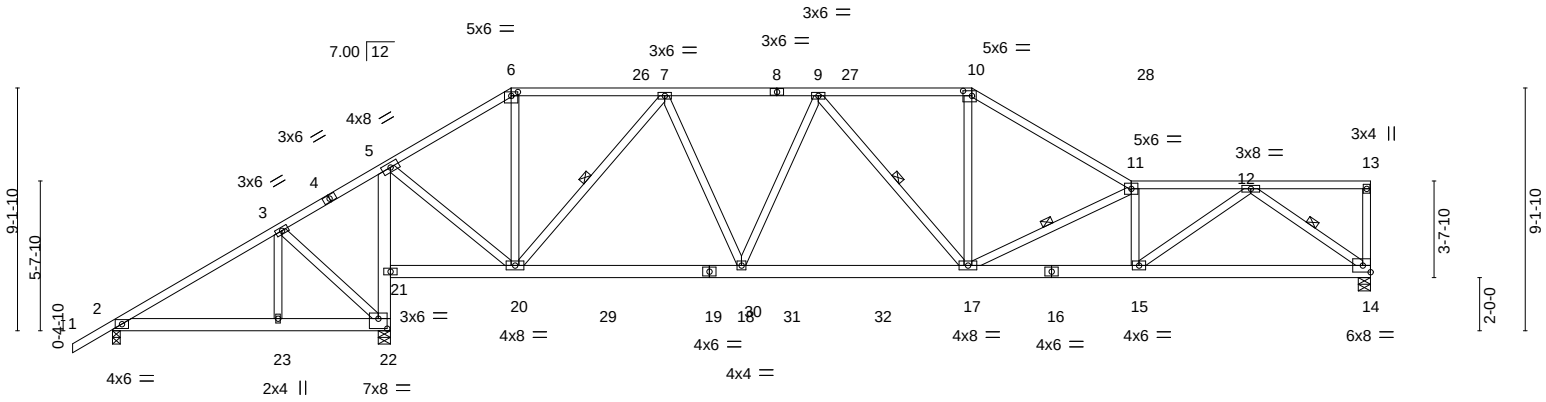
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T15	Roof Special	1	1	T25336355
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:04 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-7XRn9slCm8gzkWjRz5zmyUCQ_ypSRZfmICq2uJydmhL

1-6-0	6-2-12	10-5-8	15-0-0	20-9-5	26-6-11	32-4-0	38-4-0	42-9-15	47-4-0
1-6-0	6-2-12	4-2-12	4-6-8	5-9-5	5-9-5	5-9-5	6-0-0	4-6-0	4-6-1

Scale = 1:86.7



6-2-12	10-0-0	10-5-8	15-0-0	23-8-0	32-4-0	38-4-0	47-4-0
6-2-12	3-9-4	0-5-8	4-6-8	8-8-0	8-8-0	6-0-0	9-0-0

Plate Offsets (X,Y)-- [6:0-3-0,0-1-12], [10:0-4-0,0-2-4], [22:0-4-0,0-4-8]

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	0.69	Vert(LL)	-0.17	17-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.30	17-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.03	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 322 lb	FT = 20%

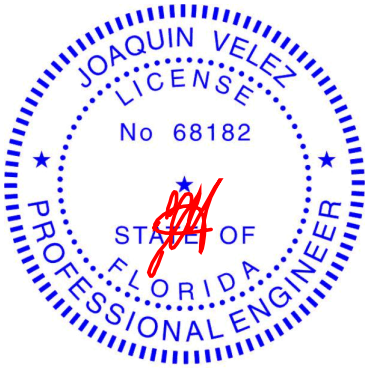
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-11-13 oc bracing.
WEBS 1 Row at midpt 7-20, 9-17, 11-17, 12-14

REACTIONS. (size) 14=0-5-8, 2=0-3-8, 22=0-5-8
Max Horz 2=382(LC 12)
Max Uplift 14=-511(LC 13), 2=-101(LC 12), 22=-812(LC 9)
Max Grav 14=1456(LC 2), 2=357(LC 23), 22=2113(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-222/265, 3-5=-222/369, 5-6=-980/370, 6-7=-802/363, 7-9=-1843/691, 9-10=-1951/766, 10-11=-2301/797, 11-12=-3020/996
BOT CHORD 2-23=-346/145, 22-23=-346/145, 21-22=-1804/673, 5-21=-1714/666, 20-21=-319/125, 18-20=-556/1566, 17-18=-639/1953, 15-17=-1012/3054, 14-15=-607/1668
WEBS 3-23=-424/299, 3-22=-470/597, 5-20=-458/1432, 6-20=-82/298, 7-20=-1207/505, 7-18=-146/711, 9-18=-354/205, 10-17=-226/868, 11-17=-1270/532, 11-15=-752/361, 12-15=-501/1689, 12-14=-2042/748

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-2-13, Interior(1) 3-2-13 to 15-0-0, Exterior(2R) 15-0-0 to 19-8-13, Interior(1) 19-8-13 to 32-4-0, Exterior(2R) 32-4-0 to 37-0-13, Interior(1) 37-0-13 to 47-2-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, 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) 14=511, 2=101, 22=812.



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Date:
September 14,2021

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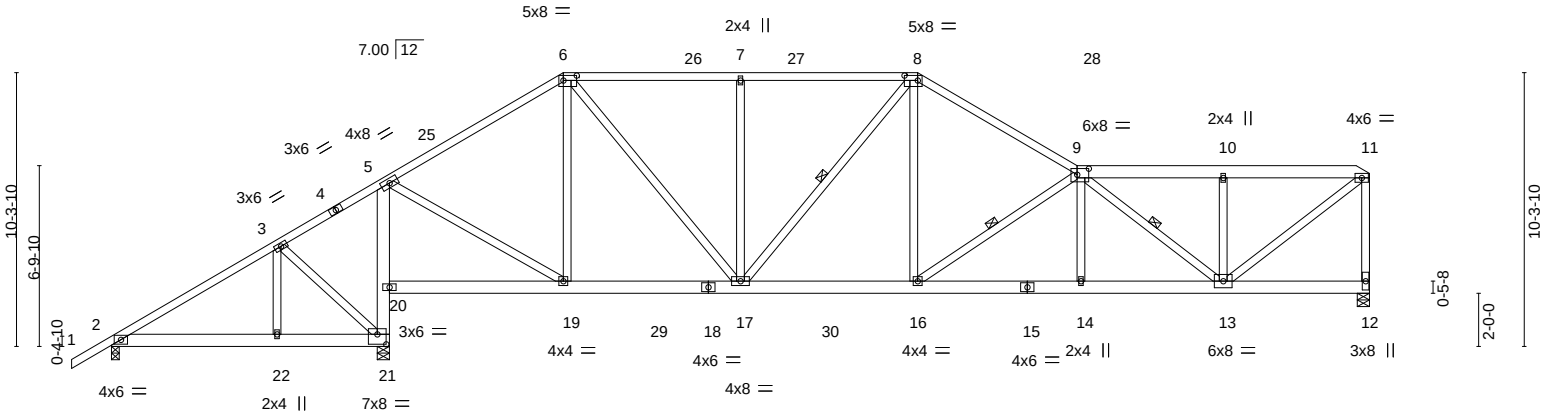
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T16	Roof Special	1	1	T25336356
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:06 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-3wZXaYnSIlwh_ptq4W?E1vHnBlWIvR?3lWJ9yCydmhJ

1-6-0	6-2-12	10-5-8	17-0-0	23-8-0	30-4-0	36-4-0	41-9-15	46-10-0	47-4-0
1-6-0	6-2-12	4-2-12	6-6-8	6-8-0	6-8-0	6-0-0	5-6-0	5-0-1	0-6-0

Scale = 1:86.7



6-2-12	10-2-12	10-5-8	17-0-0	23-8-0	30-4-0	36-4-0	41-9-15	47-4-0
6-2-12	4-0-0	0-2-12	6-6-8	6-8-0	6-8-0	6-0-0	5-6-0	5-6-1

Plate Offsets (X,Y)-- [6:0-6-0,0-2-4], [8:0-6-0,0-2-4], [9:0-5-4,0-2-12], [21:0-4-0,0-4-8]

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	0.58	Vert(LL)	-0.14	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.24	14-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.03	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 345 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except*
	9-11: 2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-4-15 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 5-3-11 oc bracing.
WEBS	1 Row at midpt 8-17, 9-16, 9-13

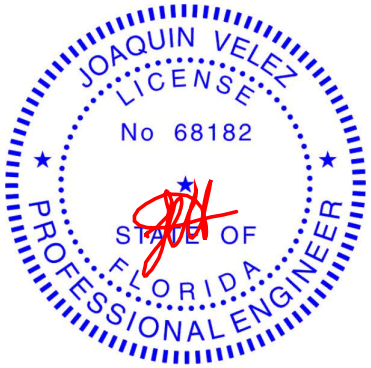
REACTIONS. (size) 2=0-3-8, 21=0-5-8, 12=0-5-8
Max Horz 2=439(LC 12)
Max Uplift 2=-88(LC 8), 21=-745(LC 9), 12=-539(LC 13)
Max Grav 2=397(LC 23), 21=2050(LC 2), 12=1468(LC 2)

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

TOP CHORD	2-3=-299/263, 3-5=-211/314, 5-6=-1249/462, 6-7=-1609/668, 7-8=-1609/668, 8-9=-2061/738, 9-10=-1595/566, 10-11=-1593/564
BOT CHORD	2-22=-386/199, 21-22=-386/199, 20-21=-1738/670, 5-20=-1615/681, 17-19=-329/998, 16-17=-551/1738, 14-16=-883/2579, 13-14=-881/2585
WEBS	3-22=-419/283, 3-21=-450/583, 5-19=-388/1357, 6-19=-460/243, 6-17=-386/978, 7-17=-409/331, 8-17=-272/160, 8-16=-254/896, 9-16=-1056/497, 9-13=-1271/447, 10-13=-346/295, 11-13=-726/2051, 11-12=-1389/550

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-2-13, Interior(1) 3-2-13 to 17-0-0, Exterior(2R) 17-0-0 to 21-8-13, Interior(1) 21-8-13 to 30-4-0, Exterior(2R) 30-4-0 to 35-0-13, Interior(1) 35-0-13 to 47-2-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 21=745, 12=539.



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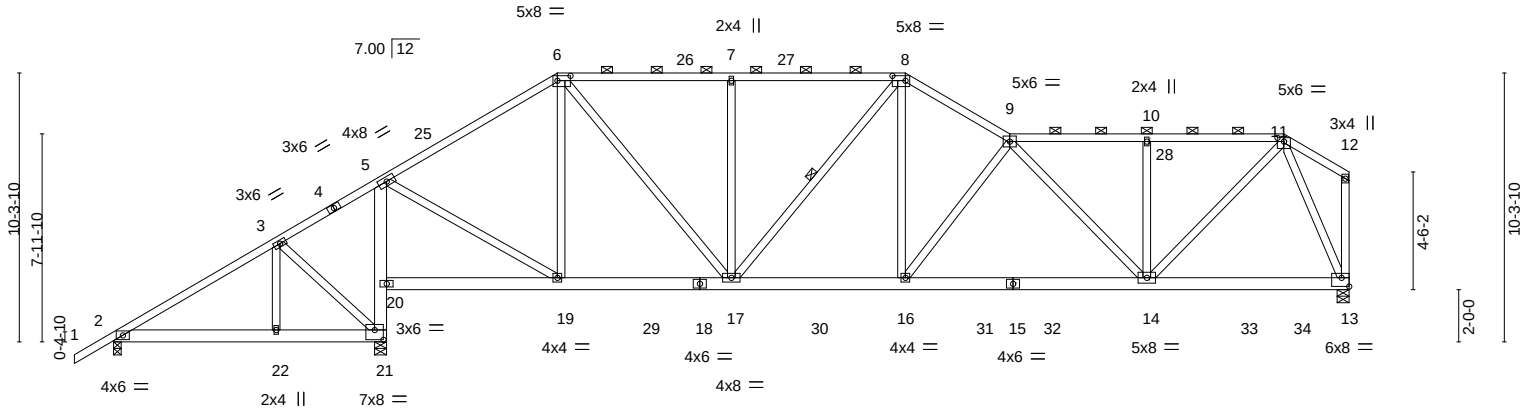
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T17	Piggyback Base	1	1	T25336357
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:07 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-Y66vnun4332YbzS0eEWTa7qzf9qEerpC_A3iVeydmhI

1-6-0	6-2-12	10-5-8	17-0-0	23-8-0	30-4-0	34-4-0	39-7-0	44-10-0	47-4-0
1-6-0	6-2-12	4-2-12	6-6-8	6-8-0	6-8-0	4-0-0	5-3-0	5-3-0	2-6-0

Scale = 1:88.3



6-2-12	10-2-12	10-5-8	17-0-0	23-8-0	30-4-0	39-7-0	47-4-0
6-2-12	4-0-0	0-2-12	6-6-8	6-8-0	6-8-0	9-3-0	7-9-0

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

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	0.53	Vert(LL)	-0.15	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.26	14-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	1.00	Horz(CT)	0.02	13	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 343 lb	FT = 20%

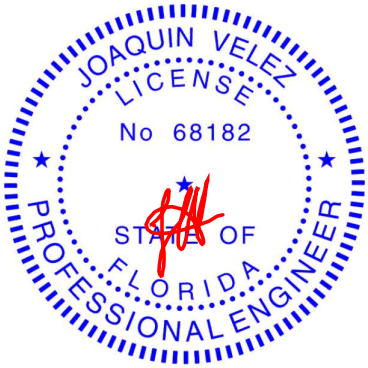
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-14 oc purlins, except end verticals, and 2-0-0 oc purlins (4-1-13 max.): 6-8, 9-11.
BOT CHORD Rigid ceiling directly applied or 5-4-3 oc bracing.
WEBS 1 Row at midpt 8-17

REACTIONS. (size) 2=0-3-8, 21=0-5-8, 13=0-5-8
Max Horz 2=435(LC 12)
Max Uplift 2=-93(LC 8), 21=-777(LC 9), 13=-540(LC 13)
Max Grav 2=405(LC 23), 21=2052(LC 2), 13=1525(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-312/256, 3-5=-214/296, 5-6=-1279/453, 6-7=-1643/670, 7-8=-1643/670, 8-9=-2094/761, 9-10=-1708/619, 10-11=-1708/619
BOT CHORD 2-22=-390/214, 21-22=-390/214, 20-21=-1738/668, 5-20=-1617/679, 17-19=-357/1024, 16-17=-557/1792, 14-16=-762/2247, 13-14=-211/582
WEBS 3-22=-418/279, 3-21=-448/583, 5-19=-420/1356, 6-19=-448/256, 6-17=-387/990, 7-17=-416/334, 8-17=-272/145, 8-16=-301/989, 9-16=-794/436, 9-14=-787/303, 10-14=-326/266, 11-14=-505/1645, 11-13=-1464/537

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-2-13, Interior(1) 3-2-13 to 17-0-0, Exterior(2R) 17-0-0 to 21-8-13, Interior(1) 21-8-13 to 30-4-0, Exterior(2E) 30-4-0 to 34-4-0, Interior(1) 34-4-0 to 44-10-0, Exterior(2E) 44-10-0 to 47-2-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 21=777, 13=540.
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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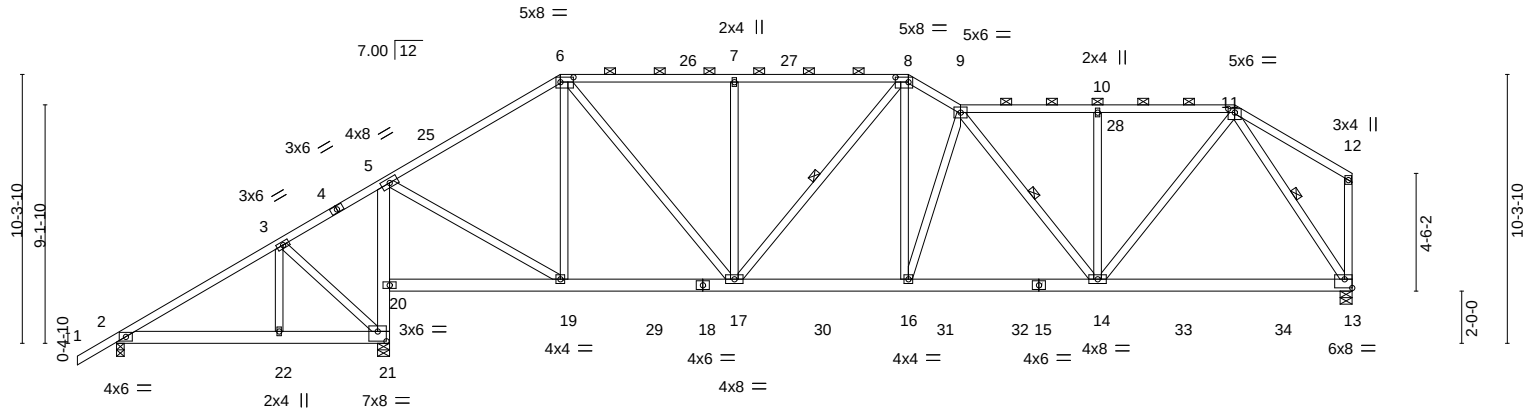
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T18	Piggyback Base	1	1	T25336358
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:08 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-0JgI_EoiqMBOD71CCx1i6KN8QZATNMuMDqoF14ydmhH

1-6-0	6-2-12	10-5-8	17-0-0	23-8-0	30-4-0	32-4-0	37-7-0	42-10-0	47-4-0
1-6-0	6-2-12	4-2-12	6-6-8	6-8-0	6-8-0	2-0-0	5-3-0	5-3-0	4-6-0

Scale = 1:88.3



6-2-12	10-2-12	10-5-8	17-0-0	23-8-0	30-4-0	37-7-0	47-4-0
6-2-12	4-0-0	0-2-12	6-6-8	6-8-0	6-8-0	7-3-0	9-9-0

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

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	0.53	Vert(LL)	-0.13	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.23	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.02	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 350 lb	FT = 20%

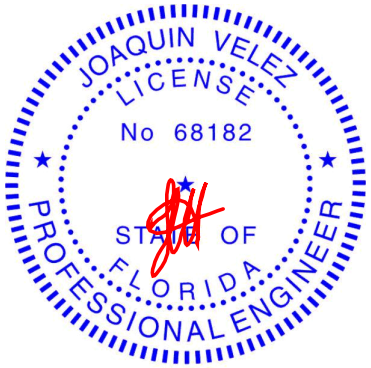
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-12 oc purlins, except end verticals, and 2-0-0 oc purlins (4-1-9 max.): 6-8, 9-11.
BOT CHORD Rigid ceiling directly applied or 5-4-10 oc bracing.
WEBS 1 Row at midpt 8-17, 9-14, 11-13

REACTIONS. (size) 2=0-3-8, 21=0-5-8, 13=0-5-8
Max Horz 2=435(LC 12)
Max Uplift 2=-95(LC 8), 21=-807(LC 9), 13=-541(LC 13)
Max Grav 2=410(LC 23), 21=2050(LC 2), 13=1550(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-322/262, 3-5=-213/282, 5-6=-1295/459, 6-7=-1666/676, 7-8=-1666/676, 8-9=-2074/786, 9-10=-1687/634, 10-11=-1687/634
BOT CHORD 2-22=-396/225, 21-22=-396/225, 20-21=-1735/665, 5-20=-1614/677, 17-19=-385/1038, 16-17=-608/1803, 14-16=-683/2016, 13-14=-292/845
WEBS 3-22=-417/277, 3-21=-446/582, 5-19=-450/1350, 6-19=-444/270, 6-17=-385/1004, 7-17=-415/333, 8-16=-362/1004, 9-16=-764/417, 9-14=-536/210, 10-14=-326/266, 11-14=-460/1373, 11-13=-1504/527

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-2-13, Interior(1) 3-2-13 to 17-0-0, Exterior(2R) 17-0-0 to 21-8-13, Interior(1) 21-8-13 to 30-4-0, Exterior(2E) 30-4-0 to 32-4-0, Interior(1) 32-4-0 to 42-10-0, Exterior(2E) 42-10-0 to 47-2-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 21=807, 13=541.
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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September 14,2021

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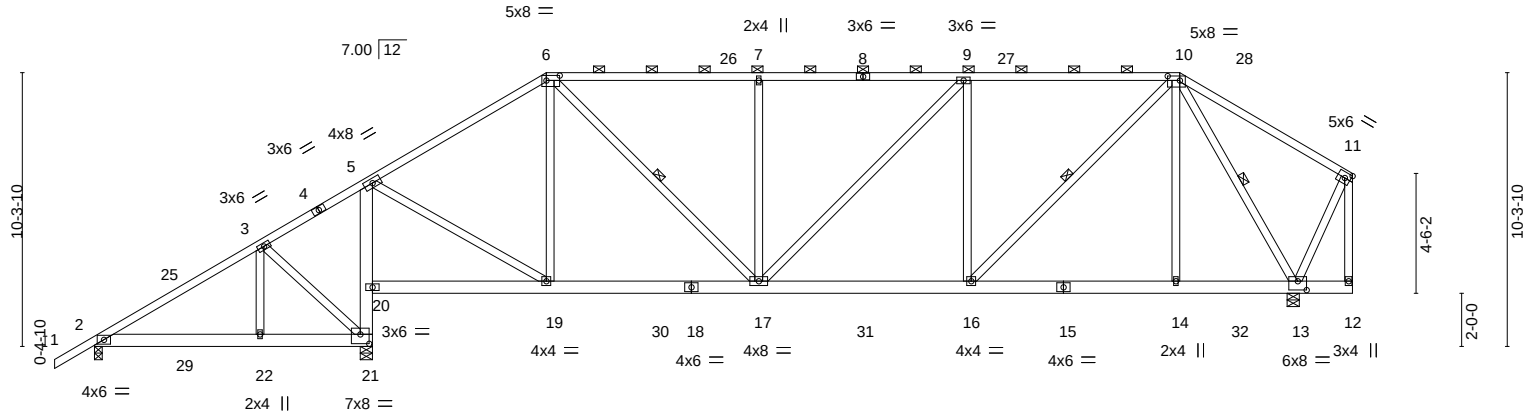
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T19	Piggyback Base	4	1	T25336359
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:10 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-yho2PvqyM_R6SRBbJM4ABlSPyNvPrHWfg8HM5zydmhF

1-6-0	6-2-12	10-5-8	17-0-0	24-11-15	32-10-2	40-10-0	47-4-0
1-6-0	6-2-12	4-2-12	6-6-8	7-11-15	7-10-3	7-11-15	6-6-0

Scale = 1:86.7



6-2-12	10-2-12	10-5-8	17-0-0	24-11-15	32-10-2	40-10-0	45-1-4	47-4-0
6-2-12	4-0-0	0-2-12	6-6-8	7-11-15	7-10-3	7-11-15	4-3-4	0-2-12

2-0-0

Plate Offsets (X,Y)-- [6:0-6-0,0-2-4], [10:0-5-8,0-2-0], [13:0-4-0,0-4-0], [21:0-4-0,0-4-4]

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	0.85	Vert(LL)	-0.10	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.16	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.02	13	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 344 lb	FT = 20%

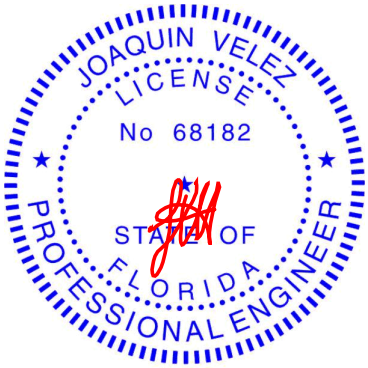
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-15 oc purlins, except end verticals, and 2-0-0 oc purlins (3-2-6 max.): 6-10.
BOT CHORD Rigid ceiling directly applied or 5-7-6 oc bracing.
WEBS 1 Row at midpt 6-17, 10-16, 10-13

REACTIONS. (size) 2=0-3-8, 21=0-5-8, 13=0-5-8
Max Horz 2=435(LC 12)
Max Uplift 2=-93(LC 8), 21=-888(LC 12), 13=-589(LC 13)
Max Grav 2=409(LC 23), 21=1949(LC 2), 13=1654(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-352/271, 5-6=-1238/449, 6-7=-1599/654, 7-9=-1599/654, 9-10=-1536/653
BOT CHORD 2-22=-302/251, 21-22=-302/251, 20-21=-1632/726, 5-20=-1520/739, 17-19=-398/992, 16-17=-613/1536, 14-16=-249/749, 13-14=-250/744
WEBS 3-22=-337/273, 3-21=-444/451, 5-19=-465/1262, 6-19=-386/280, 6-17=-443/886, 7-17=-457/363, 9-16=-536/408, 10-16=-513/1125, 10-14=0/352, 10-13=-1590/529

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-2-13, Interior(1) 3-2-13 to 17-0-0, Exterior(2R) 17-0-0 to 23-8-5, Interior(1) 23-8-5 to 40-10-0, Exterior(2E) 40-10-0 to 47-2-4 zone; cantilever right exposed ; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 21=888, 13=589.
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:
September 14,2021

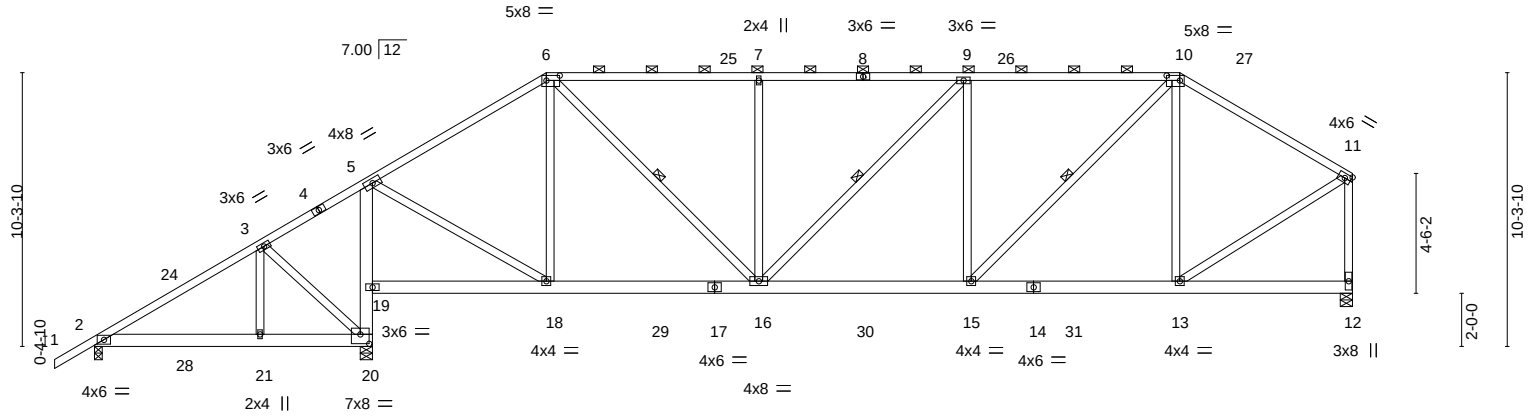
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T20	Piggyback Base	4	1	T25336360
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:11 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-QuMQdFqb7HZz4bmnt4bPkz?ZmmFQamUovo1vePydmhE

1-6-0	6-2-12	10-5-8	17-0-0	24-11-15	32-10-2	40-10-0	47-4-0
1-6-0	6-2-12	4-2-12	6-6-8	7-11-15	7-10-3	7-11-15	6-6-0

Scale = 1:86.7



6-2-12	10-2-12	10-5-8	17-0-0	24-11-15	32-10-2	40-10-0	47-4-0
6-2-12	4-0-0	0-2-12	6-6-8	7-11-15	7-10-3	7-11-15	6-6-0

Plate Offsets (X,Y)-- [6:0-6-0,0-2-4], [10:0-6-0,0-2-4], [20:0-4-0,0-4-4]

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	0.91	Vert(LL)	-0.11	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.19	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.01	12	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 335 lb	FT = 20%

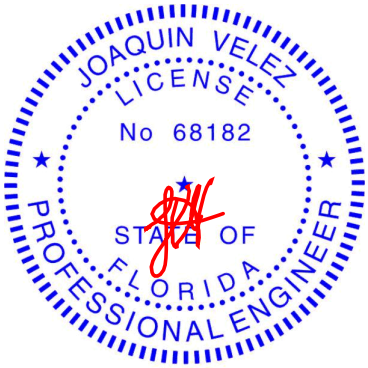
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 20=0-5-8, 12=0-5-8
Max Horz 2=435(LC 12)
Max Uplift 2=-90(LC 8), 20=-912(LC 12), 12=-557(LC 13)
Max Grav 2=402(LC 23), 20=2041(LC 2), 12=1533(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-340/267, 3-5=-216/261, 5-6=-1309/467, 6-7=-1745/703, 7-9=-1745/703, 9-10=-1762/730, 10-11=-1315/497, 11-12=-1444/568
BOT CHORD 2-21=-299/241, 20-21=-299/241, 19-20=-1725/750, 5-19=-1612/763, 16-18=-412/1053, 15-16=-670/1762, 13-15=-344/1070
WEBS 3-21=-338/275, 3-20=-446/451, 5-18=-490/1355, 6-18=-431/293, 6-16=-484/1004, 7-16=-457/363, 9-15=-474/387, 10-15=-482/1005, 10-13=-432/267, 11-13=-407/1254

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-2-13, Interior(1) 3-2-13 to 17-0-0, Exterior(2R) 17-0-0 to 23-8-5, Interior(1) 23-8-5 to 40-10-0, Exterior(2E) 40-10-0 to 47-2-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 20=912, 12=557.
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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6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T21	Half Hip Girder	1	2	T25336361

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:19 2021 Page 1
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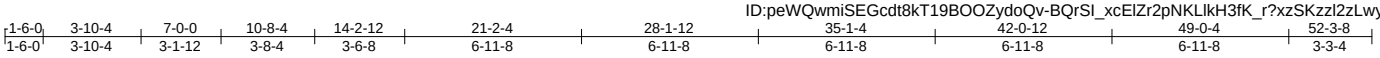

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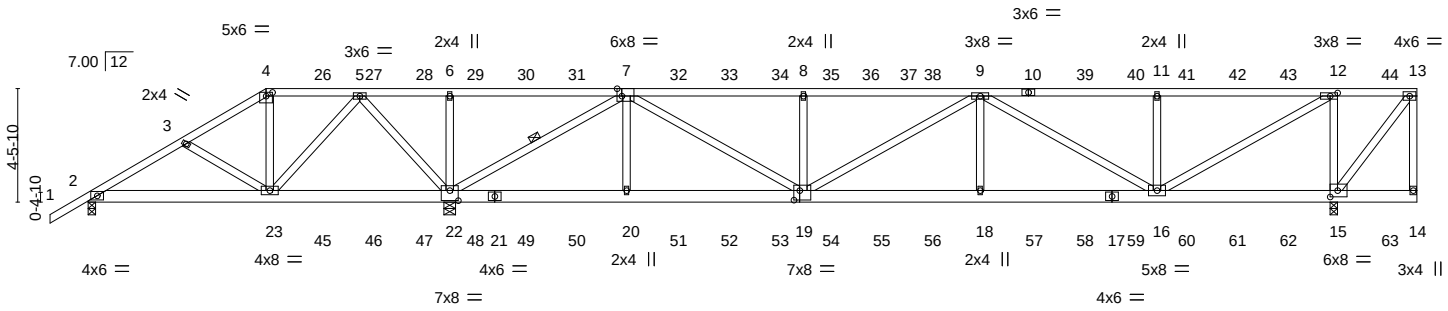


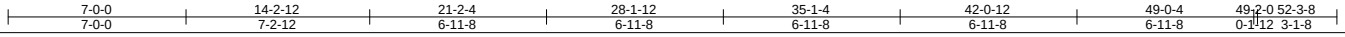


Plate Offsets (X,Y)-- [4:0-3-0,0-1-12], [7:0-2-4,Edge], [12:0-3-8,0-1-8], [15:0-3-8,0-3-0], [19:0-2-12,0-4-8], [22:0-4-0,0-4-12]

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	0.65	Vert(LL)	0.27	18-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.29	18-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.73	Horz(CT)	0.03	15	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 666 lb	FT = 20%

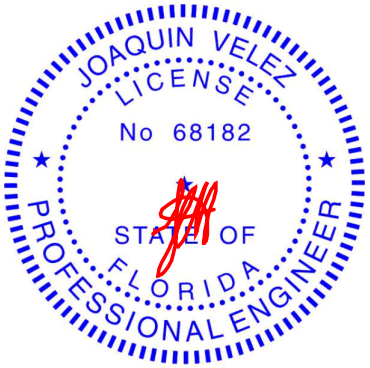
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-22

REACTIONS. (size) 2=0-3-8, 22=0-5-8, 15=0-3-8
Max Horz 2=246(LC 23)
Max Uplift 2=-318(LC 23), 22=-4011(LC 5), 15=-1990(LC 4)
Max Grav 2=400(LC 6), 22=5374(LC 1), 15=2751(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-626/607, 3-4=-591/788, 4-5=-519/666, 5-6=-2416/3299, 6-7=-2416/3299, 7-8=-3631/2670, 8-9=-3647/2684, 9-11=-3094/2268, 11-12=-3094/2268
BOT CHORD 2-23=-535/574, 22-23=-1906/1378, 20-22=-823/1094, 19-20=-823/1094, 18-19=-3188/4346, 16-18=-3188/4346
WEBS 4-23=-582/427, 5-23=-1420/1896, 5-22=-2129/1632, 6-22=-393/344, 7-22=-5098/3723, 7-20=-379/694, 7-19=-2164/2959, 8-19=-441/393, 9-19=-807/636, 9-18=-435/762, 9-16=-1453/1068, 11-16=-449/401, 12-16=-2648/3616, 12-15=-2225/1689

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; 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
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) 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=318, 22=4011, 15=1990.



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Date:
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Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 99 lb down and 72 lb up at 7-0-0, 99 lb down and 68 lb up at 9-0-12, 99 lb down and 68 lb up at 11-0-12, 99 lb down and 68 lb up at 13-0-12, 99 lb down and 68 lb up at 15-0-12, 99 lb down and 68 lb up at 17-0-12, 99 lb down and 68 lb up at 19-0-12, 99 lb down and 68 lb up at 21-0-12, 99 lb down and 68 lb up at 23-0-12, 99 lb down and 68 lb up at 25-0-12, 99 lb down and 68 lb up at 27-0-12, 99 lb down and 63 lb up at 29-0-12, 99 lb down and 68 lb up at 31-0-12, 99 lb down and 68 lb up at 33-0-12, 99 lb down and 68 lb up at 35-0-12, 99 lb down and 68 lb up at 37-0-12, 99 lb down and 68 lb up at 39-0-12, 99 lb down and 68 lb up at 41-0-12, 99 lb down and 68 lb up at 43-0-12, 99 lb down and 68 lb up at 45-0-12, 99 lb down and 68 lb up at 47-0-12, and 99 lb down and 68 lb up at 49-0-12, and 99 lb down and 68 lb up at 51-0-12 on top chord, and 437 lb down and 441 lb up at 7-0-0, 154 lb down and 147 lb up at 9-0-12, 154 lb down and 147 lb up at 11-0-12, 154 lb down and 147 lb up at 13-0-12, 154 lb down and 147 lb up at 15-0-12, 154 lb down and 147 lb up at 17-0-12, 154 lb down and 147 lb up at 19-0-12, 154 lb down and 147 lb up at 21-0-12, 154 lb down and 147 lb up at 23-0-12, 154 lb down and 147 lb up at 25-0-12, 154 lb down and 147 lb up at 27-0-12, 154 lb down and 147 lb up at 29-0-12, 154 lb down and 147 lb up at 31-0-12, 154 lb down and 147 lb up at 33-0-12, 154 lb down and 147 lb up at 35-0-12, 154 lb down and 147 lb up at 37-0-12, 154 lb down and 147 lb up at 39-0-12, 154 lb down and 147 lb up at 41-0-12, 154 lb down and 147 lb up at 43-0-12, 154 lb down and 147 lb up at 45-0-12, and 154 lb down and 147 lb up at 47-0-12, and 154 lb down and 147 lb up at 51-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

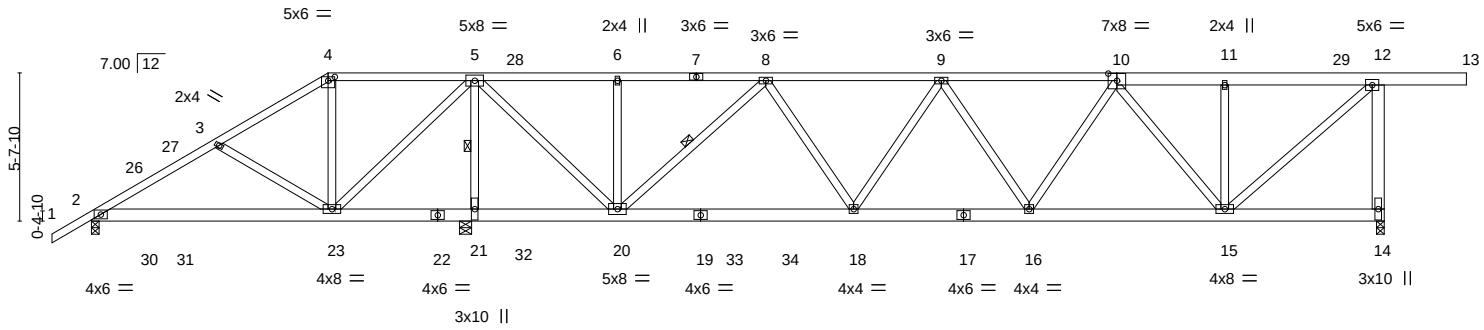
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-13=-54, 2-14=-20
   Concentrated Loads (lb)
   Vert: 4=-20(B) 23=-437(B) 7=-20(B) 20=-154(B) 18=-154(B) 9=-20(B) 12=-20(B) 10=-20(B) 26=-20(B) 27=-20(B) 28=-20(B) 29=-20(B) 30=-20(B) 31=-20(B) 32=-20(B) 33=-20(B) 34=-20(B) 35=-20(B) 37=-20(B) 38=-20(B) 39=-20(B) 40=-20(B) 41=-20(B) 42=-20(B) 43=-20(B) 44=-20(B) 45=-154(B) 46=-154(B) 47=-154(B) 48=-154(B) 49=-154(B) 50=-154(B) 51=-154(B) 52=-154(B) 53=-154(B) 54=-154(B) 55=-154(B) 56=-154(B) 57=-154(B) 58=-154(B) 59=-154(B) 60=-154(B) 61=-154(B) 62=-154(B) 63=-154(B)

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T22	Half Hip	1	1	T25336362
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:20 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-fcPqWKxE?2hhfzyWvTFWbssDAOJVBkx7ziiuSOydmh5

1-6-0	4-10-4	9-0-0	14-6-14	20-0-1	25-7-12	32-3-14	39-0-0	43-1-3	49-2-0	52-3-8
1-6-0	4-10-4	4-1-12	5-6-14	5-5-2	5-7-12	6-8-1	6-8-3	4-1-3	6-0-13	3-1-8

Scale = 1:87.6



9-0-0	14-0-0	14-6-14	20-0-1	28-11-13	35-7-15	43-1-3	49-2-0
9-0-0	5-0-0	0-6-14	5-5-2	8-11-13	6-8-2	7-5-4	6-0-13

Plate Offsets (X,Y)-- [4:0-3-0,0-1-12], [10:0-4-0,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.42	Vert(LL)	0.15	23-25	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.22	18-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.02	14	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 343 lb	FT = 20%

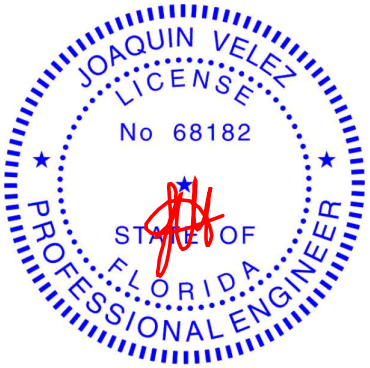
LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 10-13: 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except* 12-14: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-21, 8-20

REACTIONS. (size) 14=0-3-8, 2=0-3-8, 21=0-5-8
Max Horz 2=303(LC 12)
Max Uplift 14=-755(LC 9), 2=-169(LC 12), 21=-1280(LC 9)
Max Grav 14=1356(LC 26), 2=289(LC 19), 21=2532(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-218/504, 3-4=-175/419, 4-5=-148/361, 5-6=-330/153, 6-8=-330/153, 8-9=-1570/694, 9-10=-1683/758, 10-11=-1110/499, 11-12=-1109/496, 12-14=-1270/767
BOT CHORD 2-23=-632/197, 21-23=-1080/471, 20-21=-1080/471, 18-20=-595/1219, 16-18=-814/1721, 15-16=-719/1507
WEBS 3-23=-312/324, 4-23=-389/180, 5-23=-902/1089, 5-21=-2364/1236, 5-20=-814/1916, 6-20=-277/219, 8-20=-1233/609, 8-18=-178/669, 9-18=-348/232, 10-16=-66/342, 10-15=-673/381, 11-15=-253/196, 12-15=-650/1453

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-5-0, Interior(1) 3-5-0 to 9-0-0, Exterior(2R) 9-0-0 to 15-11-7, Interior(1) 15-11-7 to 52-3-8 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 14=755, 2=169, 21=1280.



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
September 14,2021

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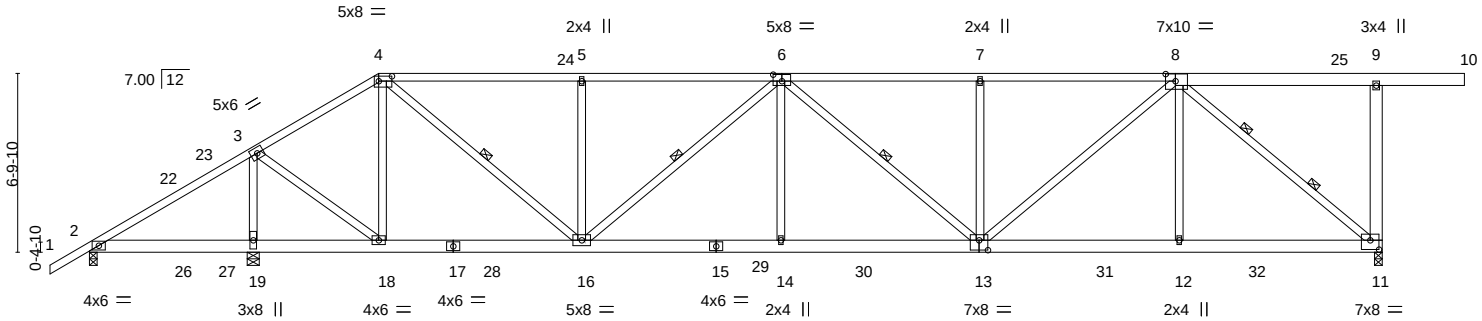
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T23	HALF HIP	1	1	T25336363
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:21 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-7pzCjgysmMpYH7XiSAml84PJbodzwBDGCMSR_qydmh4

1-6-0	6-2-12	11-0-0	18-8-10	26-3-9	33-10-7	41-5-6	49-2-0	52-3-8
1-6-0	6-2-12	4-9-4	7-8-10	7-6-14	7-6-14	7-6-14	7-8-10	3-1-8

Scale = 1:87.6



6-2-12	11-0-0	18-8-10	26-3-9	33-10-7	41-5-6	49-2-0
6-2-12	4-9-4	7-8-10	7-6-14	7-6-14	7-6-14	7-8-10

Plate Offsets (X,Y)-- [4:0-6-0,0-2-4], [6:0-4-0,0-3-0], [8:0-4-8,0-3-4], [11:0-4-0,0-4-4], [13:0-4-0,0-4-8]

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	0.76	Vert(LL)	-0.21	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.35	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.06	11	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 349 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 8-10: 2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* 9-11: 2x6 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 4-16, 6-16, 6-13 2 Rows at 1/3 pts 8-11

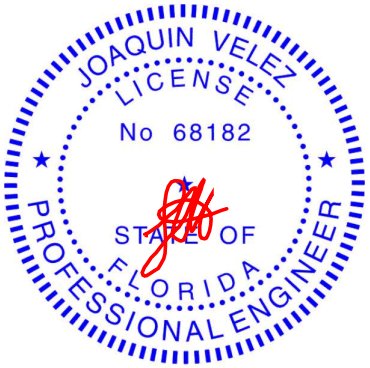
REACTIONS. (size) 11=0-3-8, 2=0-3-8, 19=0-5-8
Max Horz 2=362(LC 12)
Max Uplift 11=-944(LC 9), 2=-463(LC 26), 19=-1138(LC 9)
Max Grav 11=1866(LC 2), 2=219(LC 8), 19=2773(LC 25)

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

TOP CHORD	2-3=-580/1252, 3-4=-850/310, 4-5=-2086/904, 5-6=-2086/904, 6-7=-2564/1082, 7-8=-2566/1084, 9-11=-398/375
BOT CHORD	2-19=-1030/440, 18-19=-1030/440, 16-18=-282/659, 14-16=-1149/2721, 13-14=-1149/2719, 12-13=-710/1715, 11-12=-709/1723
WEBS	3-19=-2502/1034, 3-18=-819/2118, 4-18=-1030/553, 4-16=-836/1860, 5-16=-450/355, 6-16=-835/357, 6-14=0/403, 7-13=-406/319, 8-13=-511/1132, 8-12=0/427, 8-11=-2215/912

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-5-0, Interior(1) 3-5-0 to 11-0-0, Exterior(2R) 11-0-0 to 17-11-7, Interior(1) 17-11-7 to 52-3-8 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=944, 2=463, 19=1138.



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September 14,2021

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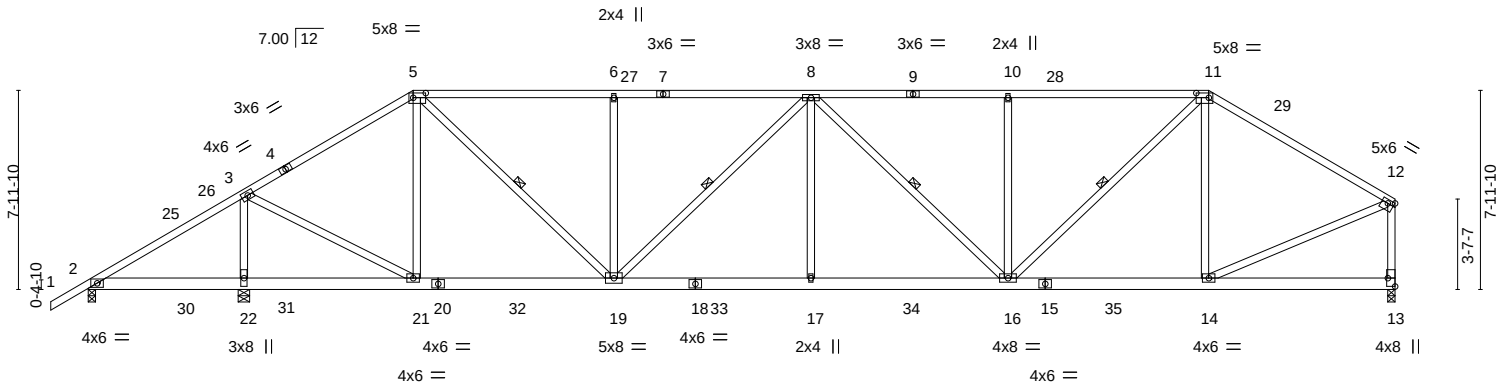
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T24	Hip	1	1	T25336364
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:23 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-4B4y8M_6Iz4GWRg5abpDDVUblcIoO6SZggxY3jydmh2

1-6-0	6-2-12	13-0-0	21-0-6	28-11-0	36-9-10	44-10-0	52-3-8
1-6-0	6-2-12	6-9-4	8-0-6	7-10-10	7-10-10	8-0-6	7-5-8

Scale = 1:92.2



6-2-12	13-0-0	21-0-6	28-11-0	36-9-10	44-10-0	52-3-8
6-2-12	6-9-4	8-0-6	7-10-10	7-10-10	8-0-6	7-5-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.97	Vert(LL)	-0.20	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.34	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.06	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 356 lb	FT = 20%

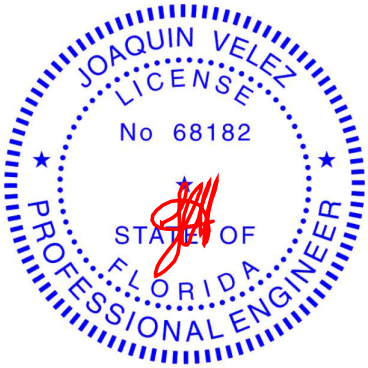
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
9-11: 2x4 SP M 31
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-19, 8-19, 8-16, 11-16

REACTIONS. (size) 2=0-3-8, 22=0-5-8, 13=0-3-8
Max Horz 2=300(LC 12)
Max Uplift 2=-321(LC 26), 22=-1063(LC 12), 13=-683(LC 13)
Max Grav 2=115(LC 9), 22=2753(LC 2), 13=1858(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-462/960, 3-5=-1445/542, 5-6=-2352/952, 6-8=-2352/952, 8-10=-2542/1061, 10-11=-2542/1061, 11-12=-1896/705, 12-13=-1748/696
BOT CHORD 2-22=-776/391, 21-22=-776/391, 19-21=-482/1162, 17-19=-1113/2811, 16-17=-1113/2811, 14-16=-524/1561
WEBS 3-22=-2462/1064, 3-21=-785/2191, 5-21=-745/428, 5-19=-757/1661, 6-19=-470/374, 8-19=-655/325, 8-17=0/437, 8-16=-407/242, 10-16=-472/380, 11-16=-668/1390, 11-14=-417/277, 12-14=-561/1661

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-8-12, Interior(1) 3-8-12 to 13-0-0, Exterior(2R) 13-0-0 to 20-4-12, Interior(1) 20-4-12 to 44-10-0, Exterior(2E) 44-10-0 to 52-1-12 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=321, 22=1063, 13=683.



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September 14,2021

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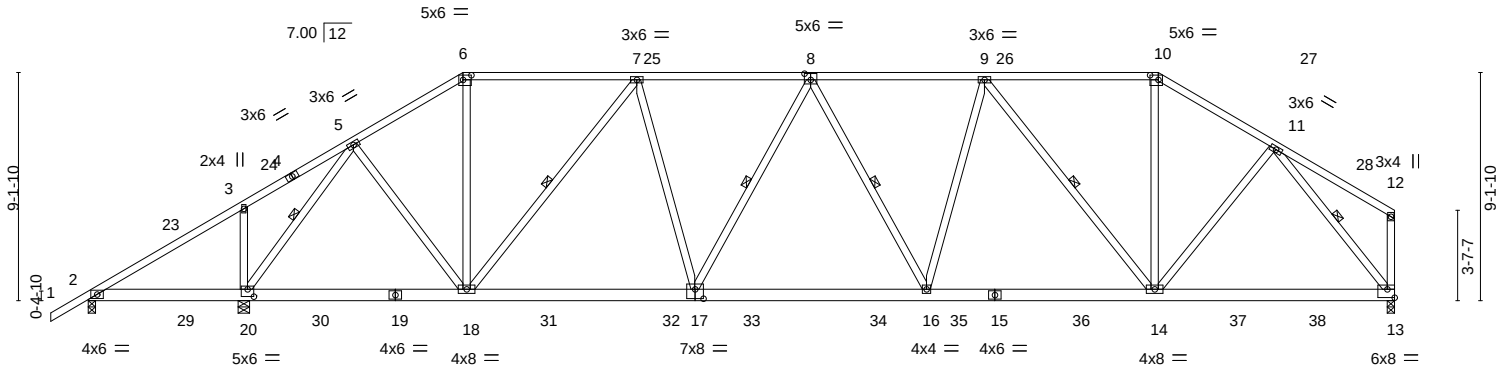
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T25	Hip	1	1	T25336365
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:24 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-YOeLLi_k3HC78aFH8IKSmi1te0d77a0juKg5b9ydmh1

1-6-0	6-2-12	10-7-6	15-0-0	21-11-8	28-11-0	35-10-8	42-10-0	47-5-0	52-3-8
1-6-0	6-2-12	4-4-10	4-4-10	6-11-8	6-11-8	6-11-8	6-11-8	4-7-0	4-10-8

Scale = 1:92.2



6-2-12	15-0-0	24-3-5	33-6-11	42-10-0	52-3-8
6-2-12	8-9-4	9-3-5	9-3-5	9-3-5	9-5-8

Plate Offsets (X,Y)-- [6:0-4-0,0-2-4], [8:0-3-0,0-3-0], [10:0-4-0,0-2-4], [13:Edge,0-4-0], [17:0-4-0,0-4-8], [20:0-3-0,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.52	Vert(LL)	-0.19	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.32	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.08	13	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 372 lb	FT = 20%

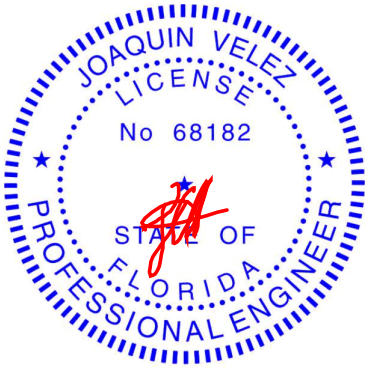
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-20, 7-18, 8-17, 8-16, 9-14, 11-13

REACTIONS. (size) 2=0-3-8, 20=0-5-8, 13=0-3-8
Max Horz 2=326(LC 12)
Max Uplift 2=-192(LC 26), 20=-1023(LC 12), 13=-683(LC 13)
Max Grav 2=55(LC 9), 20=2652(LC 2), 13=1919(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-358/693, 3-5=-247/662, 5-6=-1707/668, 6-7=-1443/635, 7-8=-2360/856, 8-9=-2436/919, 9-10=-1690/742, 10-11=-1998/792
BOT CHORD 2-20=-540/312, 18-20=-407/906, 17-18=-858/2191, 16-17=-937/2476, 14-16=-822/2311, 13-14=-459/1304
WEBS 3-20=-336/317, 5-20=-2499/867, 5-18=-346/922, 6-18=-143/605, 7-18=-1249/606, 7-17=-190/676, 8-17=-307/269, 9-16=-139/522, 9-14=-1053/548, 10-14=-180/748, 11-14=-275/650, 11-13=-2067/732

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-8-12, Interior(1) 3-8-12 to 15-0-0, Exterior(2R) 15-0-0 to 22-4-12, Interior(1) 22-4-12 to 42-10-0, Exterior(2R) 42-10-0 to 50-2-12, Interior(1) 50-2-12 to 52-1-12 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=192, 20=1023, 13=683.



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Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T26	Hip	1	1	T25336366

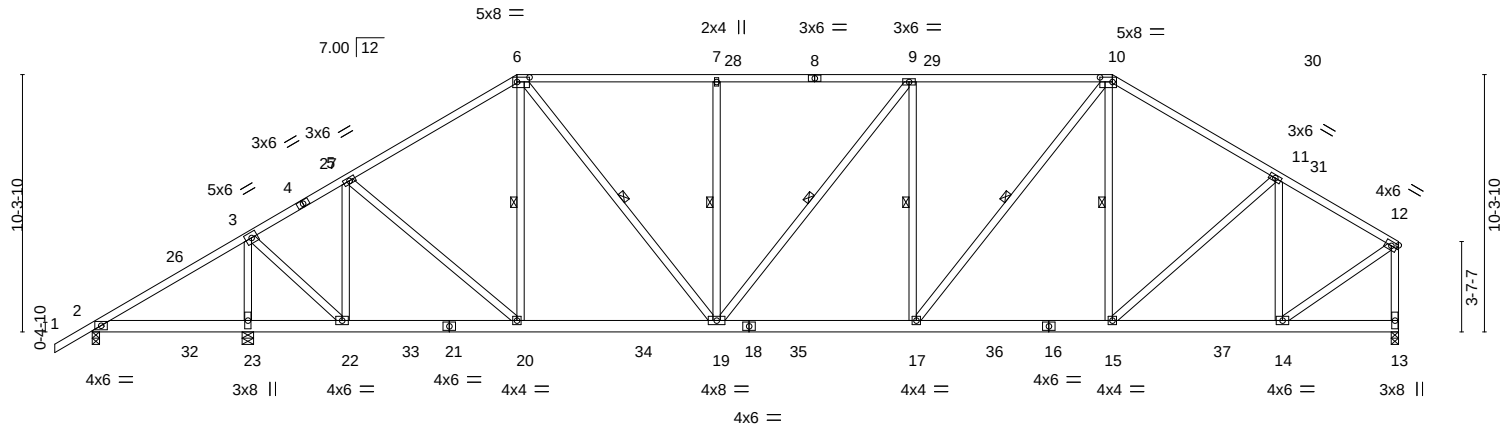
Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:25 2021 Page 1

ID:peWQwmiSEGcdt8kT19BOOZydoQv-0aCjZ2?NqbK_mkqUh0rhIwazJP_Us2_s7_Qf7bydmh0

1-6-0	6-2-12	10-1-12	17-0-0	24-11-15	32-10-2	40-10-0	47-6-0	52-3-8
1-6-0	6-2-12	3-11-0	6-10-4	7-11-15	7-10-3	7-11-15	6-8-0	4-9-8

Scale = 1:92.2



6-2-12	10-1-12	17-0-0	24-11-15	32-10-2	40-10-0	47-6-0	52-3-8
6-2-12	3-11-0	6-10-4	7-11-15	7-10-3	7-11-15	6-8-0	4-9-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	-0.16	17-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.26	17-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.05	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 388 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* 6-19,9-19,10-17: 2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 6-20, 6-19, 7-19, 9-19, 9-17, 10-17, 10-15

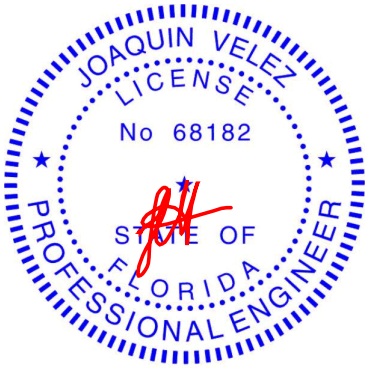
REACTIONS. (size) 2=0-3-8, 23=0-5-8, 13=0-3-8
Max Horz 2=352(LC 12)
Max Uplift 2=-174(LC 26), 23=-1021(LC 12), 13=-680(LC 13)
Max Grav 2=57(LC 9), 23=2618(LC 2), 13=1907(LC 2)

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

TOP CHORD	2-3=-353/697, 3-5=-1041/366, 5-6=-1818/699, 6-7=-2114/831, 7-9=-2114/831, 9-10=-2185/884, 10-11=-2022/804, 11-12=-1624/600, 12-13=-1838/685
BOT CHORD	2-23=-548/290, 22-23=-548/290, 20-22=-391/893, 19-20=-555/1499, 17-19=-728/2185, 15-17=-440/1678, 14-15=-460/1369
WEBS	3-23=-2334/972, 3-22=-650/1924, 5-22=-1160/509, 5-20=-352/856, 6-20=-305/268, 6-19=-510/1033, 7-19=-456/363, 9-17=-449/406, 10-17=-460/870, 10-15=-125/257, 11-15=-283/474, 11-14=-738/365, 12-14=-553/1662

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-8-12, Interior(1) 3-8-12 to 17-0-0, Exterior(2R) 17-0-0 to 24-4-12, Interior(1) 24-4-12 to 40-10-0, Exterior(2R) 40-10-0 to 48-2-12, Interior(1) 48-2-12 to 52-1-12 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=174, 23=1021, 13=680.



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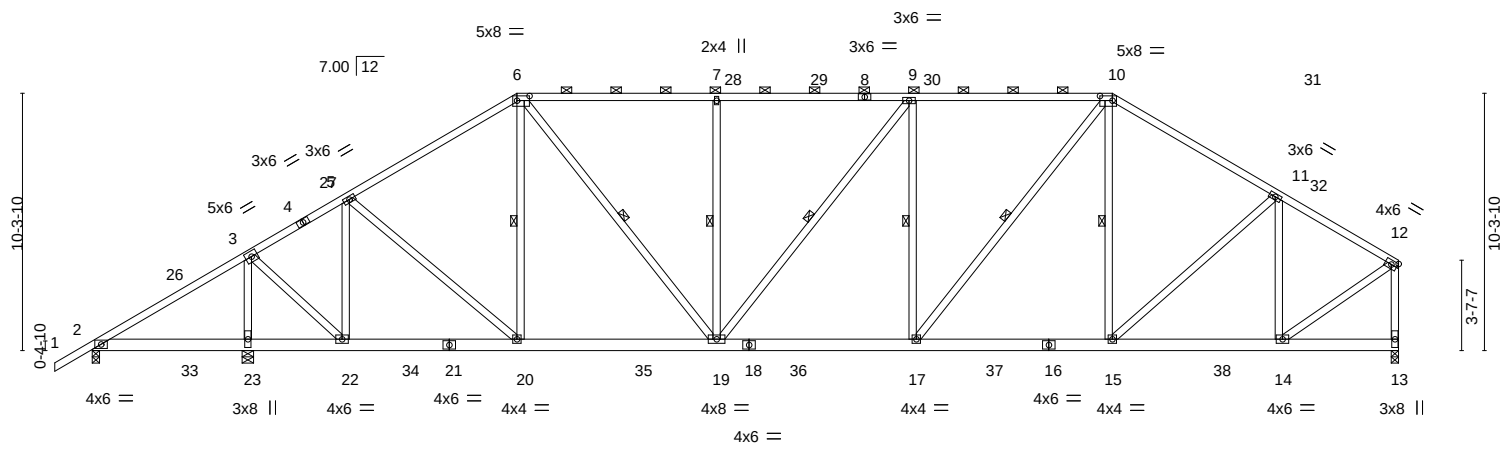
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T27	Piggyback Base	1	1	T25336367
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:27 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-yzKT_j1dMCai?2_spRt9OLfN?DgvKys9aHvmCUydmh_

1-6-0	6-2-12	10-1-12	17-0-0	24-11-15	32-10-2	40-10-0	47-6-0	52-3-8
1-6-0	6-2-12	3-11-0	6-10-4	7-11-15	7-10-3	7-11-15	6-8-0	4-9-8

Scale = 1:92.2



6-2-12	10-1-12	17-0-0	24-11-15	32-10-2	40-10-0	47-6-0	52-3-8
6-2-12	3-11-0	6-10-4	7-11-15	7-10-3	7-11-15	6-8-0	4-9-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	-0.14	17-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.24	17-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.06	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 388 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 6-8,8-10: 2x4 SP M 31
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* 6-19,9-19,10-17: 2x4 SP No.2

BRACING-

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

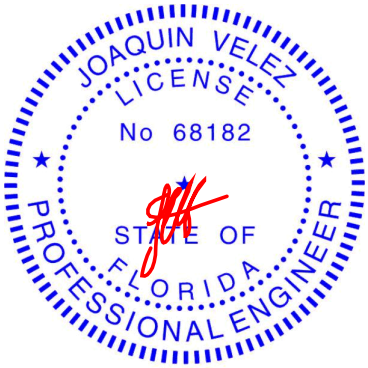
REACTIONS. (size) 2=0-3-8, 23=0-5-8, 13=0-3-8
Max Horz 2=352(LC 12)
Max Uplift 2=-123(LC 26), 23=-998(LC 12), 13=-683(LC 13)
Max Grav 2=72(LC 23), 23=2558(LC 2), 13=1914(LC 2)

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

TOP CHORD	2-3=-314/593, 3-5=-1100/388, 5-6=-1847/710, 6-7=-2134/839, 7-9=-2134/839, 9-10=-2199/889, 10-11=-2031/808, 11-12=-1630/603, 12-13=-1845/688
BOT CHORD	2-23=-458/259, 22-23=-458/259, 20-22=-410/932, 19-20=-563/1524, 17-19=-733/2199, 15-17=-441/1686, 14-15=-462/1375
WEBS	3-23=-2276/950, 3-22=-630/1872, 5-22=-1123/495, 5-20=-338/822, 6-20=-287/259, 6-19=-509/1026, 7-19=-458/365, 9-17=-457/410, 10-17=-466/880, 10-15=-126/256, 11-15=-282/476, 11-14=-742/366, 12-14=-555/1669

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-8-12, Interior(1) 3-8-12 to 17-0-0, Exterior(2R) 17-0-0 to 24-4-12, Interior(1) 24-4-12 to 40-10-0, Exterior(2R) 40-10-0 to 48-2-12, Interior(1) 48-2-12 to 52-1-12 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=123, 23=998, 13=683.
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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MiTek USA, Inc. FL Cert 6634
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Date:
September 14,2021

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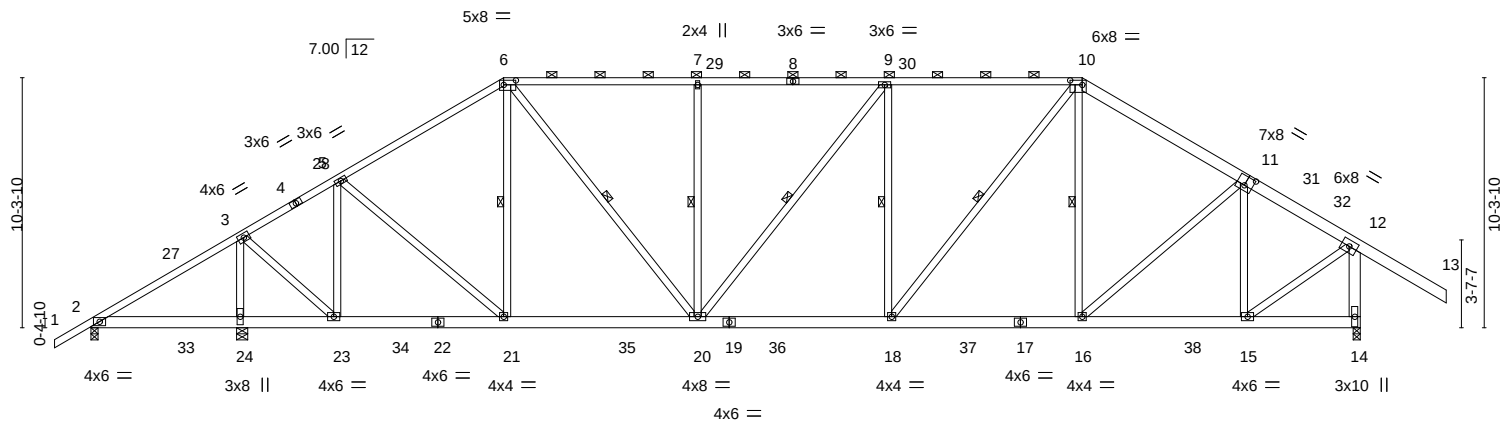
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T28	Piggyback Base	1	1	T25336368
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:28 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-Q9urB32F7ViZdCZ2N8OOwYCXod0B3PUIpxeJjwydmgz

1-6-0	6-1-12	10-1-12	17-0-0	24-11-15	32-10-2	40-10-0	47-6-0	52-3-8	55-10-0
1-6-0	6-1-12	4-0-0	6-10-4	7-11-15	7-10-3	7-11-15	6-8-0	4-9-8	3-6-8

Scale = 1:94.9



6-2-12	10-1-12	17-0-0	24-11-15	32-10-2	40-10-0	47-6-0	52-3-8
6-2-12	3-11-0	6-10-4	7-11-15	7-10-3	7-11-15	6-8-0	4-9-8

Plate Offsets (X,Y)-- [6:0-6-0,0-2-4], [10:0-6-0,0-2-4], [11:0-4-0,0-4-8]

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	0.63	Vert(LL)	-0.14	18-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.22	18-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.06	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 411 lb	FT = 20%

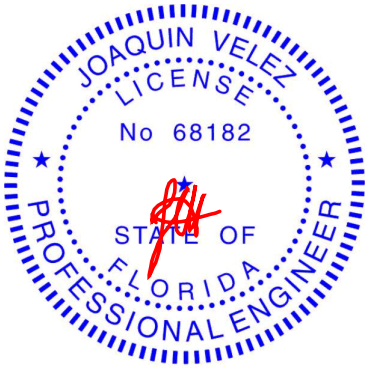
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
6-8,8-10: 2x4 SP M 31, 10-11,11-13: 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
6-20,9-20,10-18: 2x4 SP No.2, 12-14: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-6 oc purlins, except end verticals, and 2-0-0 oc purlins (4-11-14 max.): 6-10.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-21, 6-20, 7-20, 9-20, 9-18, 10-18, 10-16

REACTIONS. (size) 2=0-3-8, 24=0-5-8, 14=0-3-8
Max Horz 2=-333(LC 10)
Max Uplift 2=-108(LC 26), 24=-980(LC 12), 14=-819(LC 13)
Max Grav 2=80(LC 23), 24=2527(LC 2), 14=2089(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-292/568, 3-5=-1147/418, 5-6=-1860/725, 6-7=-2132/848, 7-9=-2132/848, 9-10=-2182/894, 10-11=-2008/804, 11-12=-1595/619, 12-14=-2020/829
BOT CHORD 2-24=-442/277, 23-24=-442/277, 21-23=-388/992, 20-21=-544/1535, 18-20=-709/2182, 16-18=-421/1659, 15-16=-353/1305
WEBS 3-24=-2248/934, 3-23=-618/1858, 5-23=-1085/478, 5-21=-323/787, 6-21=-268/249, 6-20=-504/1006, 7-20=-459/366, 9-18=-460/405, 10-18=-459/887, 11-16=-291/499, 11-15=-731/325, 12-15=-495/1641

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-8-12, Interior(1) 3-8-12 to 17-0-0, Exterior(2R) 17-0-0 to 24-4-12, Interior(1) 24-4-12 to 40-10-0, Exterior(2R) 40-10-0 to 48-2-12, Interior(1) 48-2-12 to 55-10-0 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, 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=108, 24=980, 14=819.
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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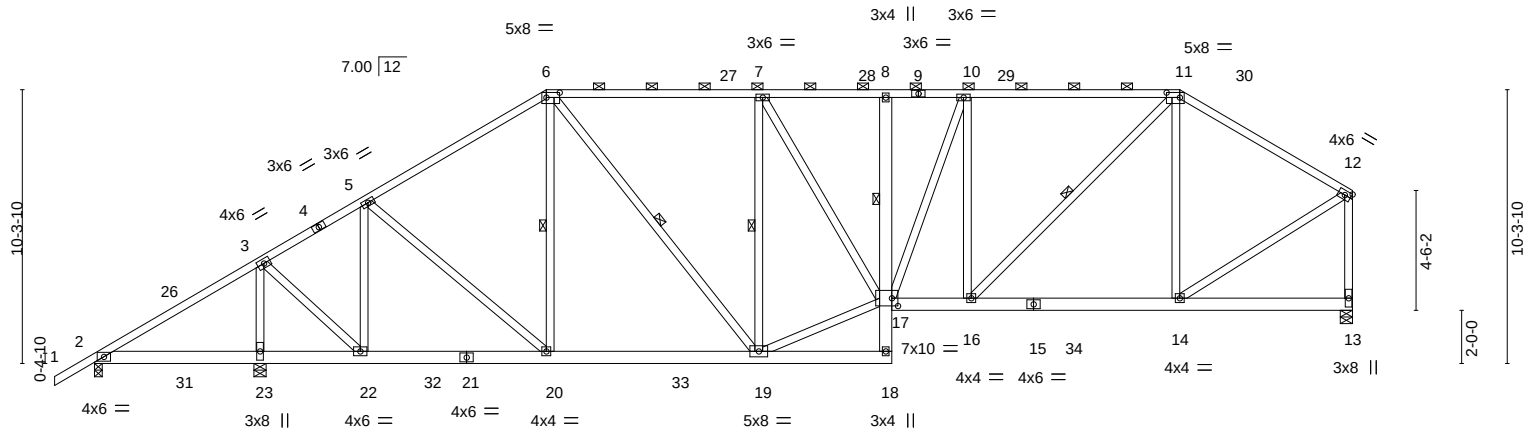
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T29	Piggyback Base	3	1	T25336369
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:30 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-MY?ccl3Ve7yHsVjRUZRs?zHozQkoXKSbHF7Qopydmgx

1-6-0	6-2-12	10-1-12	17-0-0	24-11-15	30-0-0	32-10-2	40-10-0	47-4-0
1-6-0	6-2-12	3-11-0	6-10-4	7-11-15	5-0-1	2-10-2	7-11-14	6-6-0

Scale = 1:86.7



6-2-12	10-1-12	17-0-0	24-11-15	30-0-0	32-10-2	40-10-0	47-4-0
6-2-12	3-11-0	6-10-4	7-11-15	5-0-1	2-10-2	7-11-14	6-6-0

Plate Offsets (X,Y)-- [6:0-6-0,0-2-4], [11:0-6-0,0-2-4], [17:0-2-12,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.91	Vert(LL)	-0.12	17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.21	18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.05	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 379 lb	FT = 20%

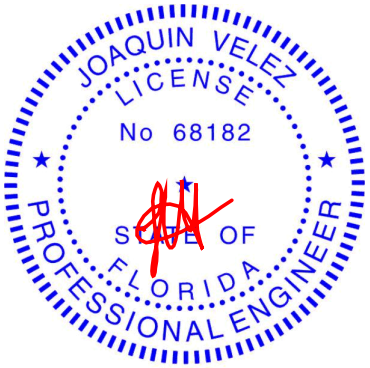
LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 9-11: 2x4 SP M 31
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except* 6-19: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-3 oc purlins, except end verticals, and 2-0-0 oc purlins (2-2-0 max.): 6-11.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except: 1 Row at midpt 8-17
WEBS 1 Row at midpt 6-20, 6-19, 7-19, 11-16

REACTIONS. (size) 2=0-3-8, 23=0-5-8, 13=0-5-8
Max Horz 2=435(LC 12)
Max Uplift 2=-124(LC 26), 23=-966(LC 12), 13=-586(LC 13)
Max Grav 2=54(LC 23), 23=2319(LC 2), 13=1644(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-363/600, 3-5=-913/315, 5-6=-1543/621, 6-7=-1672/715, 7-8=-2006/787, 8-10=-2012/787, 10-11=-1954/761, 11-12=-1421/525, 12-13=-1556/597
BOT CHORD 2-23=-463/218, 22-23=-463/218, 20-22=-430/781, 19-20=-512/1263, 16-17=-774/1954, 14-16=-372/1161
WEBS 3-23=-2040/918, 3-22=-601/1659, 5-22=-978/475, 5-20=-318/694, 6-19=-424/710, 7-19=-940/570, 17-19=-685/1672, 7-17=-277/649, 10-16=-575/418, 11-16=-566/1149, 11-14=-497/297, 12-14=-460/1363

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 3-2-13, Interior(1) 3-2-13 to 17-0-0, Exterior(2R) 17-0-0 to 23-8-5, Interior(1) 23-8-5 to 40-10-0, Exterior(2E) 40-10-0 to 47-2-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, 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=124, 23=966, 13=586.
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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Date:
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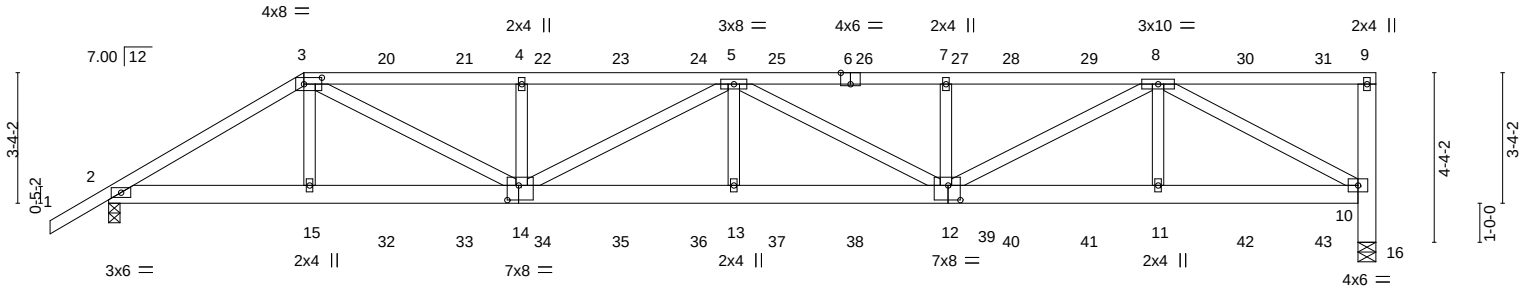
Job	Truss	Truss Type	Qty	Ply	RJH CONST. - KUTNER RES.
2926651	T30	Half Hip Girder	1	2	T25336370

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Sep 14 08:27:33 2021 Page 1
ID:peWQwmiSEGcdt8kT19BOOZydoQv-n6hkEn5Ox2KrjzR09h_ZdcvO7ejAki91zDM4O8ydmgu

-1-6-0	5-0-0	10-6-15	16-0-2	21-5-6	26-10-9	32-5-8
1-6-0	5-0-0	5-6-15	5-5-3	5-5-3	5-5-3	5-6-15

Scale = 1:59.0



5-0-0	10-6-15	16-0-2	21-5-6	26-10-9	32-5-8
5-0-0	5-6-15	5-5-3	5-5-3	5-5-3	5-6-15

Plate Offsets (X,Y)-- [3:0-5-8,0-2-0], [6:0-3-0,Edge], [12:0-3-12,0-4-8], [14:0-3-8,0-4-8]

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	0.60	Vert(LL)	0.38	13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.33	13	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.56	Horz(CT)	-0.11	16	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 397 lb	FT = 20%

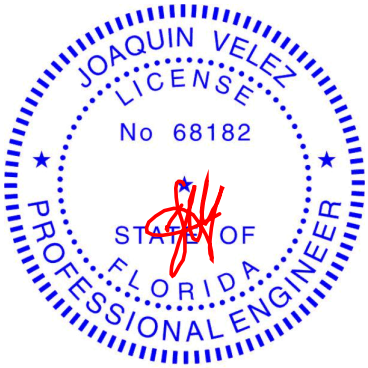
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
9-16: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-0-10 oc bracing.

REACTIONS. (size) 2=0-3-8, 16=0-5-8
Max Horz 2=187(LC 23)
Max Uplift 2=-1705(LC 5), 16=-1839(LC 5)
Max Grav 2=1985(LC 1), 16=1968(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3443/3147, 3-4=-4802/4507, 4-5=-4815/4520, 5-7=-4830/4523, 7-8=-4822/4516, 10-16=-1968/1839
BOT CHORD 2-15=-2745/2917, 14-15=-2756/2930, 13-14=-5121/5465, 12-13=-5121/5465, 11-12=-2864/3060, 10-11=-2864/3060
WEBS 3-15=-230/391, 3-14=-2038/2128, 4-14=-484/474, 5-14=-738/698, 5-13=-210/373, 5-12=-721/682, 7-12=-444/428, 8-12=-1886/2013, 8-11=-176/357, 8-10=-3406/3188

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, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=22ft; 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
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) 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) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=1705, 16=1839.



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Continued on page 2

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Tampa, FL 36610

NOTES-

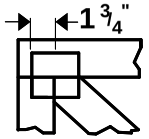
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 260 lb down and 288 lb up at 5-0-0, 122 lb down and 118 lb up at 7-0-12, 122 lb down and 118 lb up at 9-0-12, 122 lb down and 118 lb up at 11-0-12, 122 lb down and 118 lb up at 13-0-12, 122 lb down and 118 lb up at 15-0-12, 122 lb down and 118 lb up at 17-0-12, 122 lb down and 112 lb up at 19-0-12, 122 lb down and 118 lb up at 21-0-12, 122 lb down and 118 lb up at 23-0-12, 122 lb down and 118 lb up at 25-0-12, 122 lb down and 118 lb up at 27-0-12, and 122 lb down and 118 lb up at 29-0-12, and 122 lb down and 118 lb up at 31-0-12 on top chord, and 157 lb down and 162 lb up at 5-0-0, 49 lb down and 64 lb up at 7-0-12, 49 lb down and 64 lb up at 9-0-12, 49 lb down and 64 lb up at 11-0-12, 49 lb down and 64 lb up at 13-0-12, 49 lb down and 64 lb up at 15-0-12, 49 lb down and 64 lb up at 17-0-12, 49 lb down and 64 lb up at 19-0-12, 49 lb down and 64 lb up at 21-0-12, 49 lb down and 64 lb up at 23-0-12, 49 lb down and 64 lb up at 25-0-12, 49 lb down and 64 lb up at 27-0-12, and 49 lb down and 64 lb up at 29-0-12, and 49 lb down and 64 lb up at 31-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

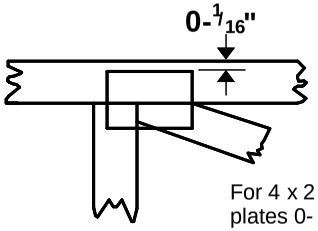
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-9=-54, 10-17=-20
   Concentrated Loads (lb)
   Vert: 3=-144(F) 6=-59(F) 15=-90(F) 11=-37(F) 8=-59(F) 20=-59(F) 21=-59(F) 22=-59(F) 23=-59(F) 24=-59(F) 25=-59(F) 27=-59(F) 28=-59(F) 29=-59(F) 30=-59(F) 31=-59(F) 32=-37(F) 33=-37(F) 34=-37(F) 35=-37(F) 36=-37(F) 37=-37(F) 38=-37(F) 39=-37(F) 40=-37(F) 41=-37(F) 42=-37(F) 43=-37(F)

Symbols

PLATE LOCATION AND ORIENTATION



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



For 4 x 2 orientation, locate plates 0- 1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

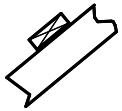
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

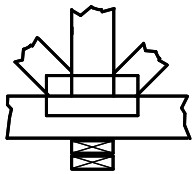
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

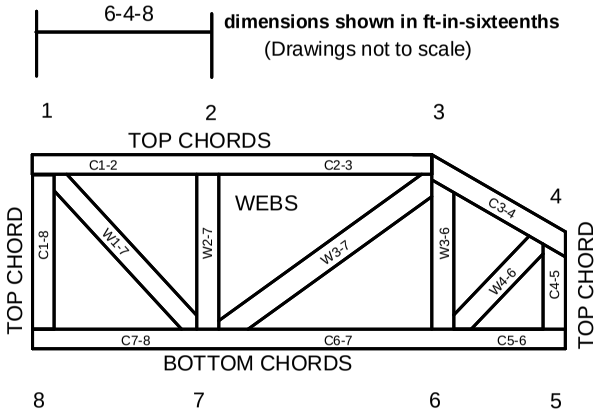


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

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

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

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

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.

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