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

RE: 2340302 - IC CONST. - SUZIE HALL

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

Site Information:

Customer Info: IC Construction Project Name: Suzie Hall Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: TBD, TBD
City: Columbia Cty State: FL

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

Name: License #:
Address:
City: State:

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

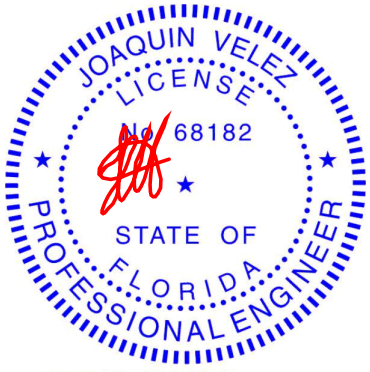
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 46 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	T20177731	CJ01	5/11/20	23	T20177753	T08	5/11/20
2	T20177732	CJ03	5/11/20	24	T20177754	T09	5/11/20
3	T20177733	CJ05	5/11/20	25	T20177755	T10	5/11/20
4	T20177734	EJ01	5/11/20	26	T20177756	T11	5/11/20
5	T20177735	EJ02	5/11/20	27	T20177757	T12	5/11/20
6	T20177736	HJ08	5/11/20	28	T20177758	T13	5/11/20
7	T20177737	HJ10	5/11/20	29	T20177759	T14	5/11/20
8	T20177738	PB01	5/11/20	30	T20177760	T15	5/11/20
9	T20177739	PB01G	5/11/20	31	T20177761	T15G	5/11/20
10	T20177740	PB02	5/11/20	32	T20177762	T16	5/11/20
11	T20177741	PB02G	5/11/20	33	T20177763	T16G	5/11/20
12	T20177742	PB03	5/11/20	34	T20177764	T17	5/11/20
13	T20177743	T01	5/11/20	35	T20177765	T18	5/11/20
14	T20177744	T01G	5/11/20	36	T20177766	T19	5/11/20
15	T20177745	T02	5/11/20	37	T20177767	T19G	5/11/20
16	T20177746	T02G	5/11/20	38	T20177768	T20	5/11/20
17	T20177747	T03	5/11/20	39	T20177769	T21	5/11/20
18	T20177748	T04	5/11/20	40	T20177770	T22	5/11/20
19	T20177749	T05	5/11/20	41	T20177771	T23	5/11/20
20	T20177750	T06	5/11/20	42	T20177772	T24	5/11/20
21	T20177751	T07	5/11/20	43	T20177773	T25	5/11/20
22	T20177752	T07G	5/11/20	44	T20177774	T26	5/11/20

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

Truss Design Engineer's Name: Velez, Joaquin
My license renewal date for the state of Florida is February 28, 2021.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

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

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

RE: 2340302 - IC CONST. - SUZIE HALL

Site Information:

Customer Info: IC Construction Project Name: Suzie Hall Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: TBD, TBD
City: Columbia Cty State: FL

No.	Seal#	Truss Name	Date
45	T20177775	T27	5/11/20
46	T20177776	T28	5/11/20

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	CJ01	Jack-Open	6	1	T20177731
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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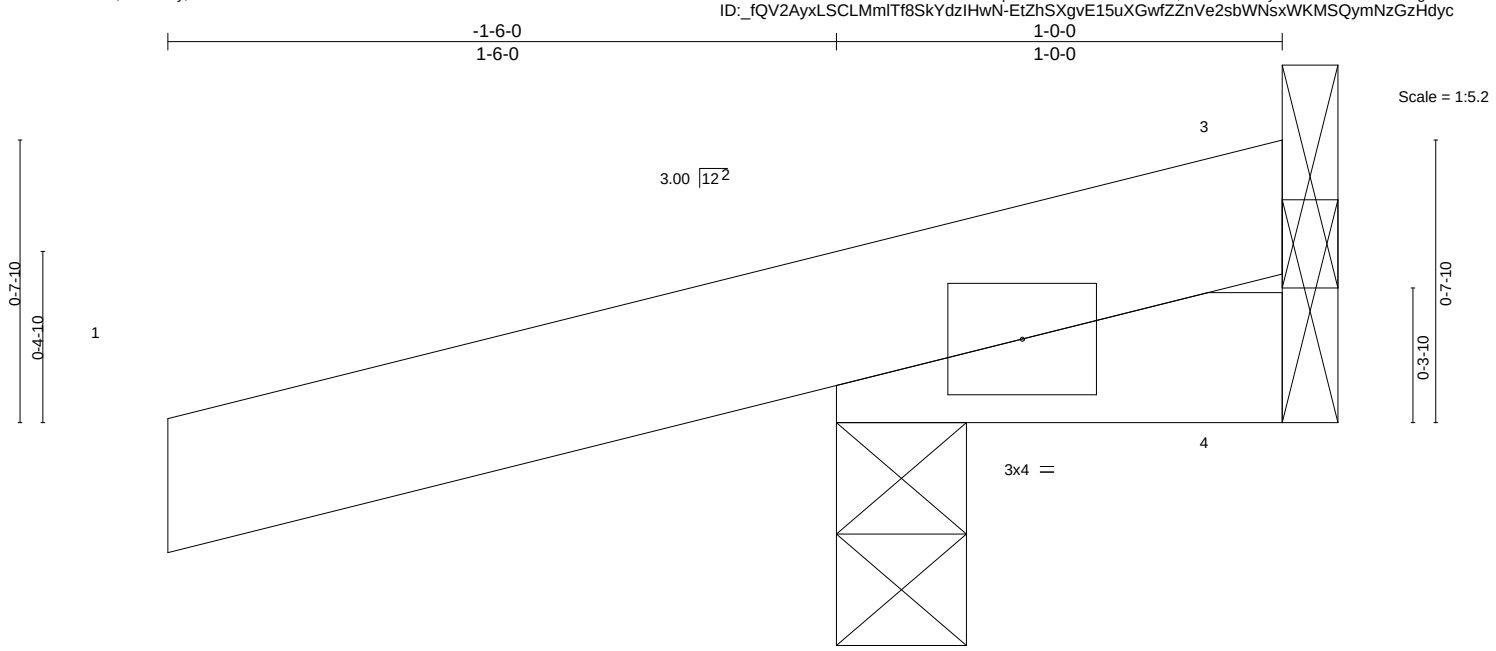

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TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	0.00	5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	0.00	5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 5 lb	FT = 20%

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

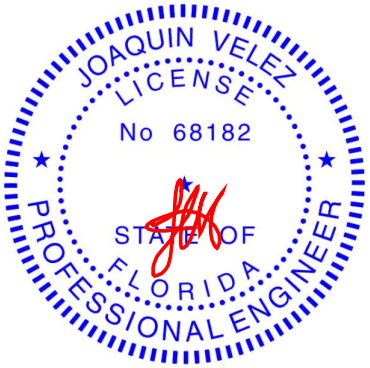
BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=-3/Mechanical, 2=179/0-3-8, 4=-22/Mechanical
Max Horz 2=37(LC 8)
Max Uplift 3=-4(LC 9), 2=-182(LC 8), 4=-22(LC 1)
Max Grav 3=10(LC 16), 2=179(LC 1), 4=28(LC 8)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4 lb uplift at joint 3, 182 lb uplift at joint 2 and 22 lb uplift at joint 4.

LOAD CASE(S) Standard



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6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	CJ03	Jack-Open	6	1	T20177732
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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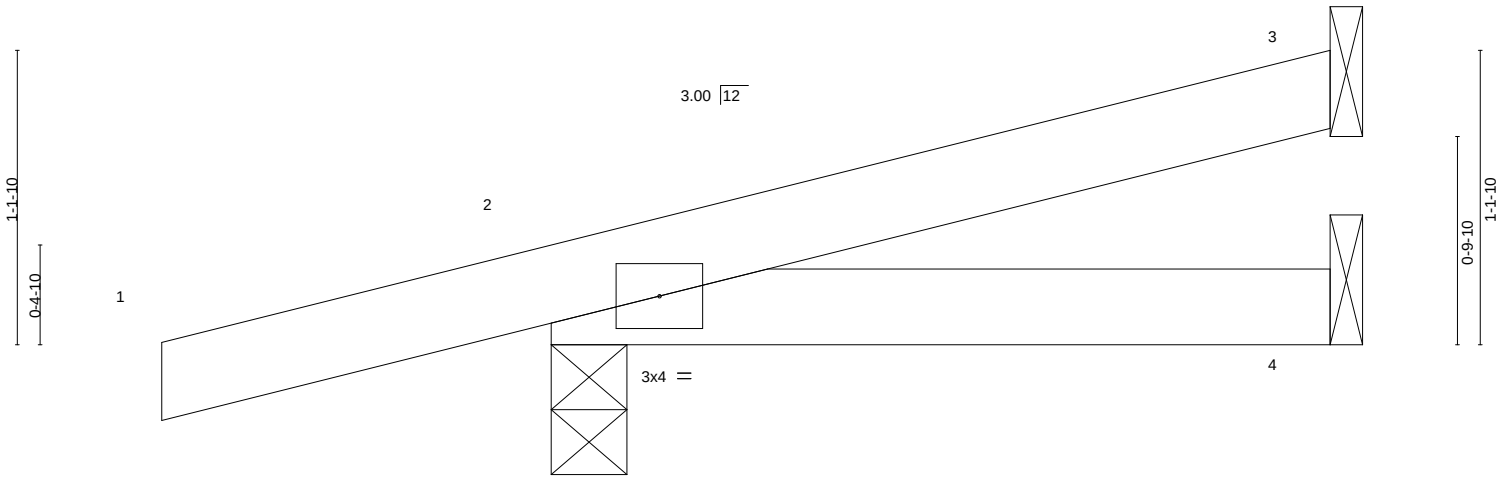


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 11 lb	FT = 20%

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

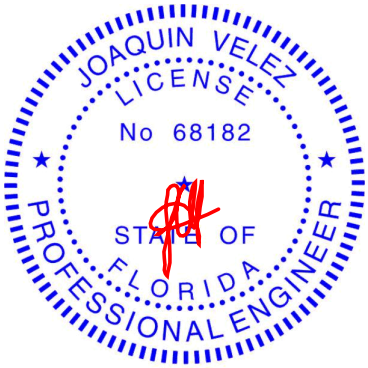
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=58/Mechanical, 2=210/0-3-8, 4=30/Mechanical
Max Horz 2=61(LC 8)
Max Uplift 3=-46(LC 8), 2=-191(LC 8), 4=-26(LC 9)
Max Grav 3=58(LC 1), 2=210(LC 1), 4=48(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 46 lb uplift at joint 3, 191 lb uplift at joint 2 and 26 lb uplift at joint 4.

LOAD CASE(S) Standard



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Date:
May 11,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	CJ05	Jack-Open	2	1	T20177733
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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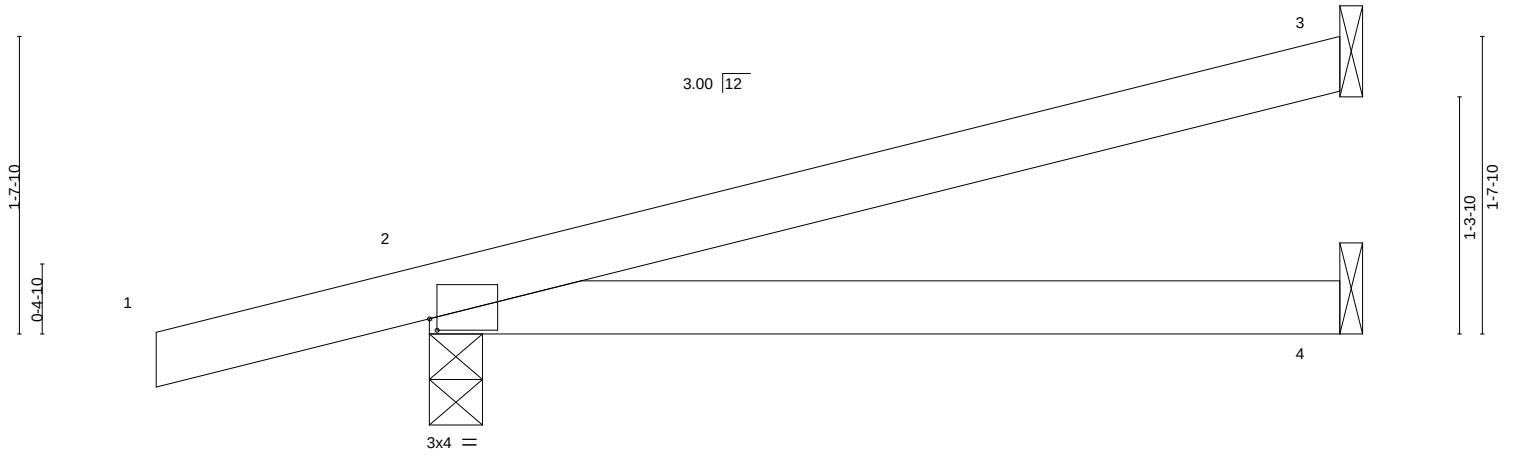


Plate Offsets (X,Y)-- [2:0-0-8,0-0-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	0.08	4-7	>725	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	0.07	4-7	>836	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 18 lb	FT = 20%

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

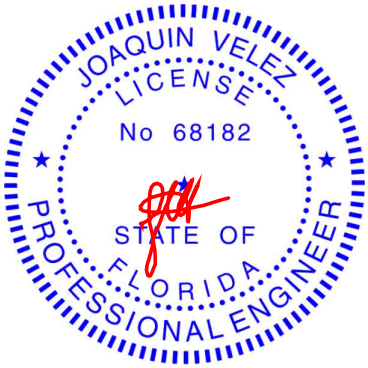
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=111/Mechanical, 2=276/0-3-8, 4=59/Mechanical
Max Horz 2=86(LC 8)
Max Uplift 3=-91(LC 8), 2=-237(LC 8), 4=-50(LC 8)
Max Grav 3=111(LC 1), 2=276(LC 1), 4=86(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 91 lb uplift at joint 3, 237 lb uplift at joint 2 and 50 lb uplift at joint 4.

LOAD CASE(S) Standard



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Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	EJ01	Jack-Open	1	1	T20177734
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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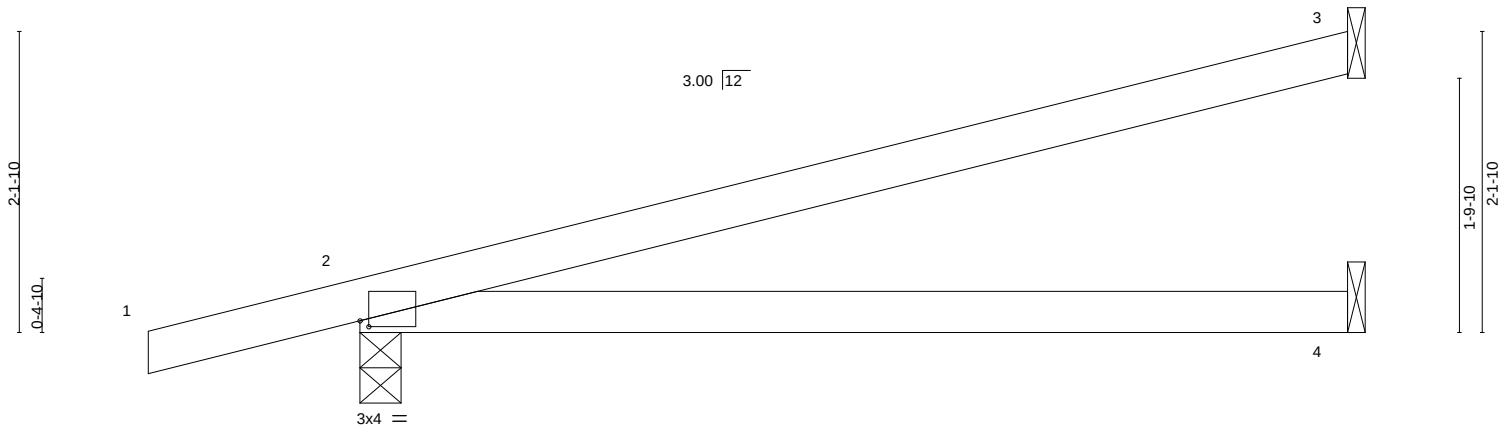


Plate Offsets (X,Y)-- [2:0-0-12,0-0-8]

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	0.75	Vert(LL)	0.33	4-7	>255	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	0.28	4-7	>296	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 24 lb	FT = 20%

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

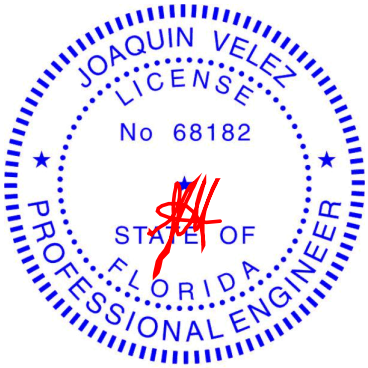
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=163/Mechanical, 2=346/0-3-8, 4=85/Mechanical
Max Horz 2=111(LC 8)
Max Uplift 3=-134(LC 8), 2=-289(LC 8), 4=-73(LC 8)
Max Grav 3=163(LC 1), 2=346(LC 1), 4=123(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 134 lb uplift at joint 3, 289 lb uplift at joint 2 and 73 lb uplift at joint 4.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	EJ02	Jack-Open	10	1	T20177735
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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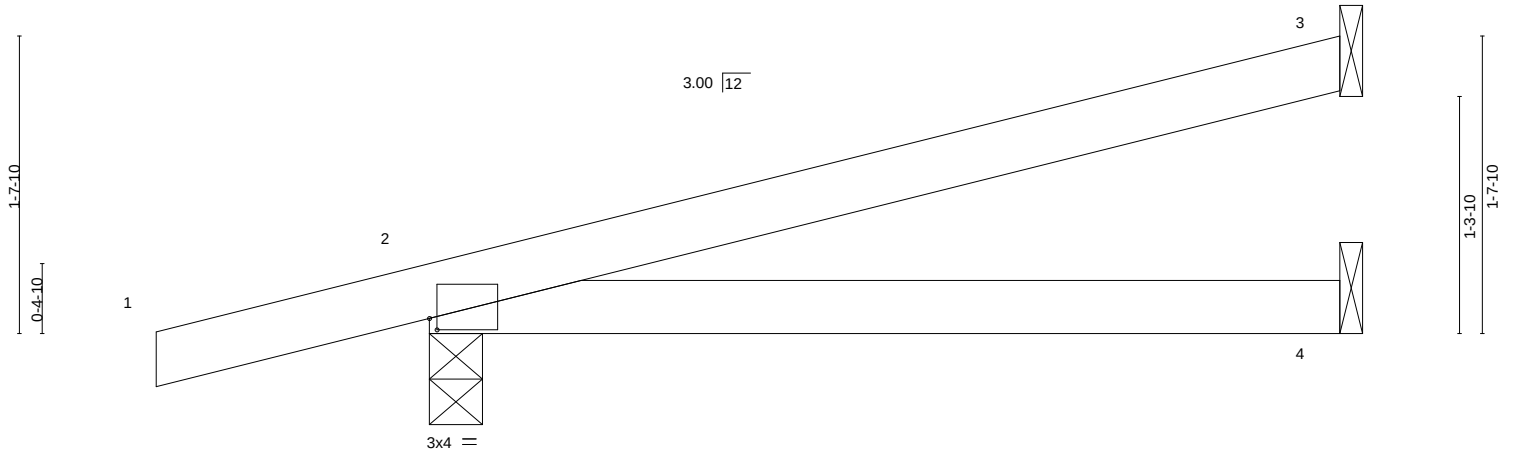


Plate Offsets (X,Y)-- [2:0-0-8,0-0-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	0.08	4-7	>725	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	0.07	4-7	>836	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 18 lb	FT = 20%

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

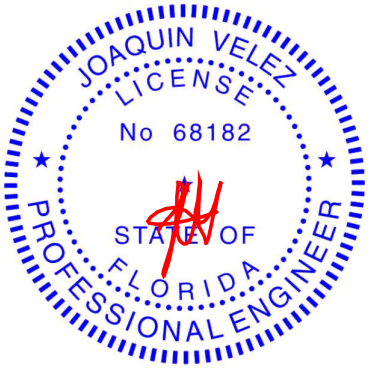
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=111/Mechanical, 2=276/0-3-8, 4=59/Mechanical
Max Horz 2=86(LC 8)
Max Uplift 3=-91(LC 8), 2=-237(LC 8), 4=-50(LC 8)
Max Grav 3=111(LC 1), 2=276(LC 1), 4=86(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 91 lb uplift at joint 3, 237 lb uplift at joint 2 and 50 lb uplift at joint 4.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	HJ08	Diagonal Hip Girder	2	1	T20177736
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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2-1-7 7-0-2

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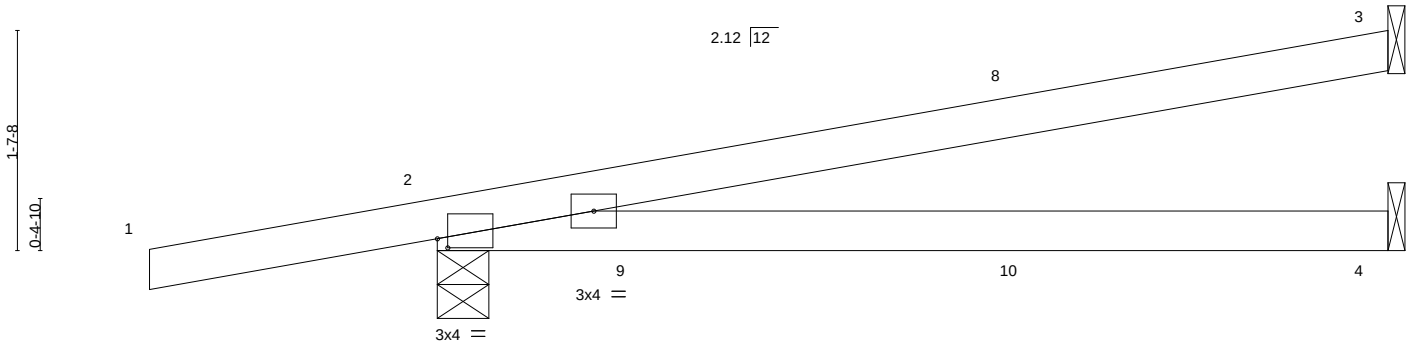


Plate Offsets (X,Y)-- [2:0-0-15,0-0-13]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	0.20	4-7	>413	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.20	4-7	>407	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 24 lb	FT = 20%

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

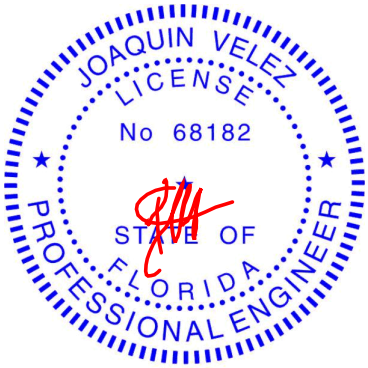
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=158/Mechanical, 2=393/0-4-9, 4=88/Mechanical
Max Horz 2=86(LC 4)
Max Uplift 3=-125(LC 4), 2=-346(LC 4), 4=-72(LC 4)
Max Grav 3=158(LC 1), 2=393(LC 1), 4=122(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 125 lb uplift at joint 3, 346 lb uplift at joint 2 and 72 lb uplift at joint 4.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 27 lb down and 40 lb up at 4-4-0 , and 27 lb down and 40 lb up at 4-4-0 on top chord, and 46 lb down and 6 lb up at 1-6-1, 46 lb down and 6 lb up at 1-6-1, and 19 lb down and 37 lb up at 4-4-0, and 19 lb down and 37 lb up at 4-4-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 4-5=-20
Concentrated Loads (lb)
Vert: 10=-11(F=-5, B=-5)



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Date:
May 11,2020

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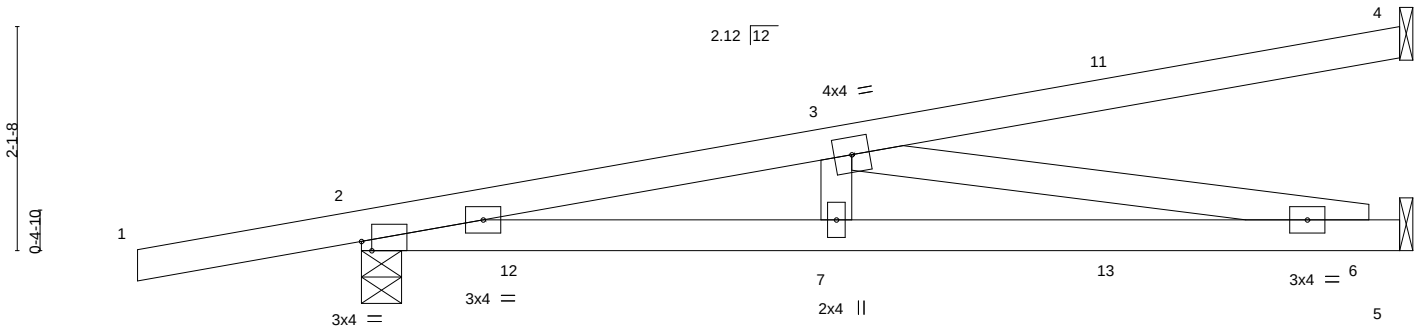
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	HJ10	Diagonal Hip Girder	1	1	T20177737
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:18 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-fSFp4ZjoXyTTOkeEEhKCGgU?FbjQjW5u6v_1aazHdyZ

-2-1-7 | 4-6-0 | 9-10-1
2-1-7 | 4-6-0 | 5-4-1

Scale = 1:21.8



4-6-0 | 9-10-1
4-6-0 | 5-4-1

Plate Offsets (X,Y)-- [2:0-1-3,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	0.63	Vert(LL)	0.17	6-7	>694	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.16	6-7	>739	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.71	Horz(CT)	-0.02	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 41 lb	FT = 20%

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

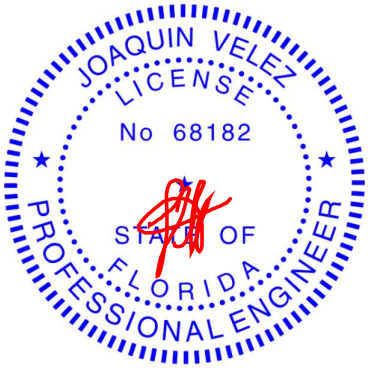
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-2-14 oc bracing.

REACTIONS. (lb/size) 4=157/Mechanical, 2=530/0-4-9, 5=294/Mechanical
Max Horz 2=111(LC 22)
Max Uplift 4=-131(LC 8), 2=-457(LC 4), 5=-248(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1316/1017
BOT CHORD 2-12=-1063/1284, 7-12=-1063/1284, 7-13=-1063/1284, 6-13=-1063/1284
WEBS 3-7=-125/256, 3-6=-1304/1079

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 131 lb uplift at joint 4, 457 lb uplift at joint 2 and 248 lb uplift at joint 5.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 27 lb down and 40 lb up at 4-4-0 , 27 lb down and 40 lb up at 4-4-0, and 49 lb down and 93 lb up at 7-1-15, and 49 lb down and 93 lb up at 7-1-15 on top chord, and 46 lb down and 6 lb up at 1-6-1, 46 lb down and 6 lb up at 1-6-1, 19 lb down and 37 lb up at 4-4-0, 19 lb down and 37 lb up at 4-4-0, and 40 lb down and 68 lb up at 7-1-15, and 40 lb down and 68 lb up at 7-1-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 7=-11(F=-5, B=-5) 11=-70(F=-35, B=-35) 13=-61(F=-31, B=-31)



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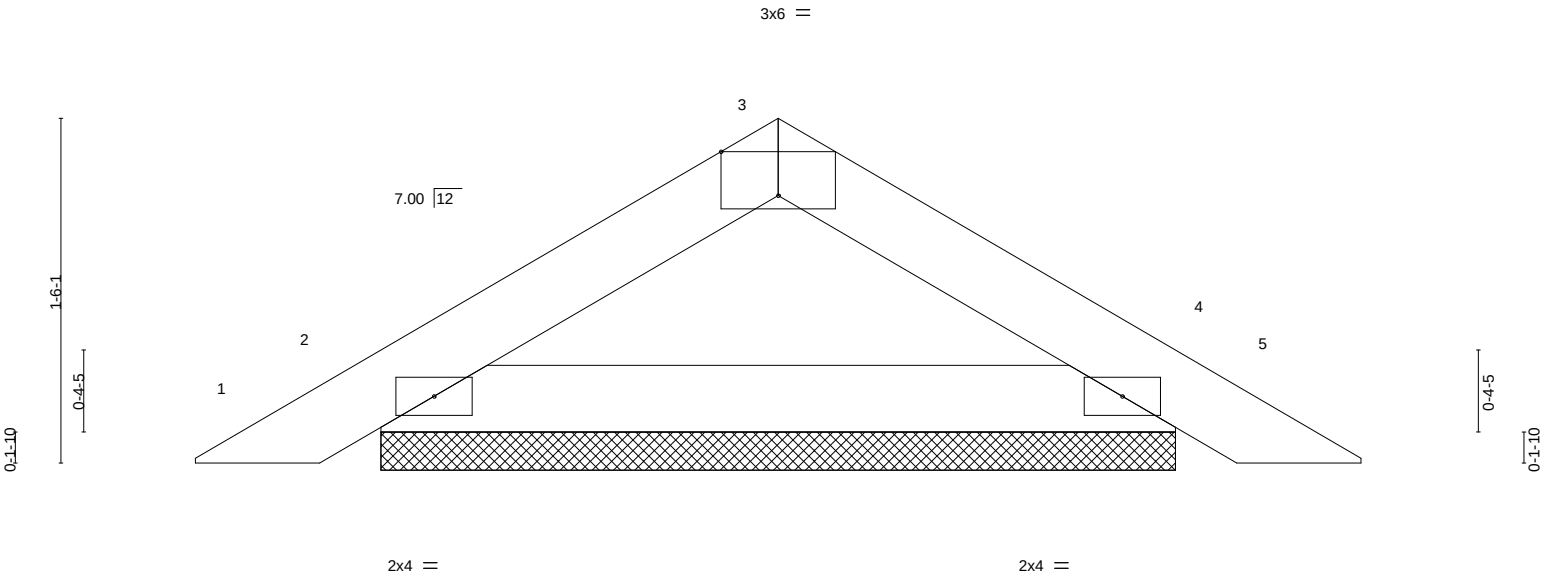
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	PB01	Piggyback	8	1	T20177738
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:18 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-fSFp4ZjoXyTTOkeEEhKCGgU8Jbsmjh6u6v_1aazHdyZ

2-7-0 | 5-2-0
2-7-0 | 2-7-0

Scale = 1:10.1



5-2-0
5-2-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.05	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.15	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 14 lb	FT = 20%

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

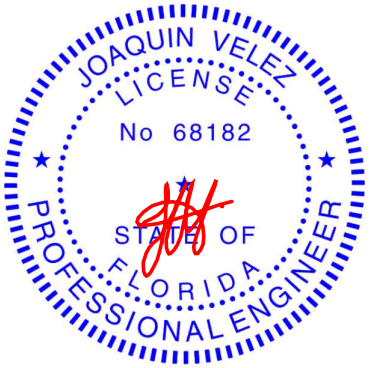
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=158/3-5-11, 4=158/3-5-11
Max Horz 2=-42(LC 10)
Max Uplift 2=-68(LC 12), 4=-68(LC 13)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 68 lb uplift at joint 2 and 68 lb uplift at joint 4.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	PB01G	PIGGYBACK	1	1	T20177739
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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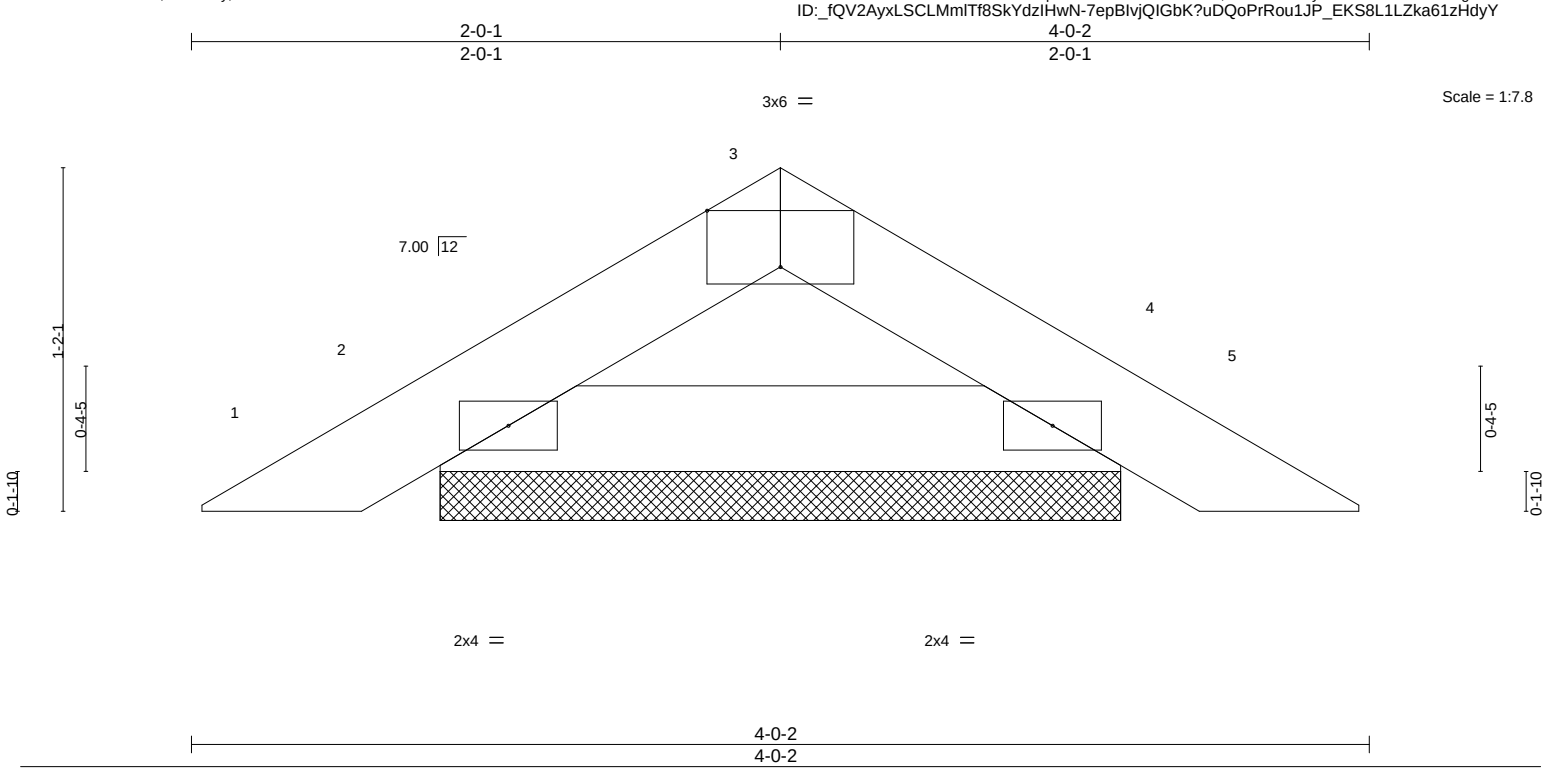


Plate Offsets (X,Y)-- [3:0-3-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.03	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 10 lb	FT = 20%

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

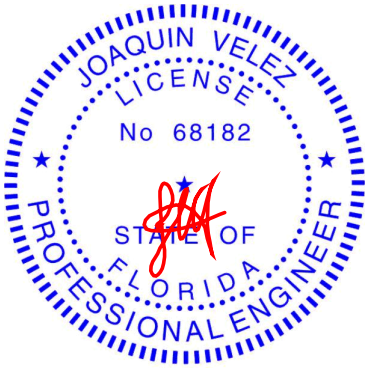
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=115/2-3-13, 4=115/2-3-13
Max Horz 2=32(LC 11)
Max Uplift 2=-52(LC 12), 4=-52(LC 13)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 52 lb uplift at joint 2 and 52 lb uplift at joint 4.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard



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May 11,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	PB02	Piggyback	16	1	Job Reference (optional)	T20177740

Builders FirstSource, Lake City, FL 32055 — 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:25:29 2020 Page 1

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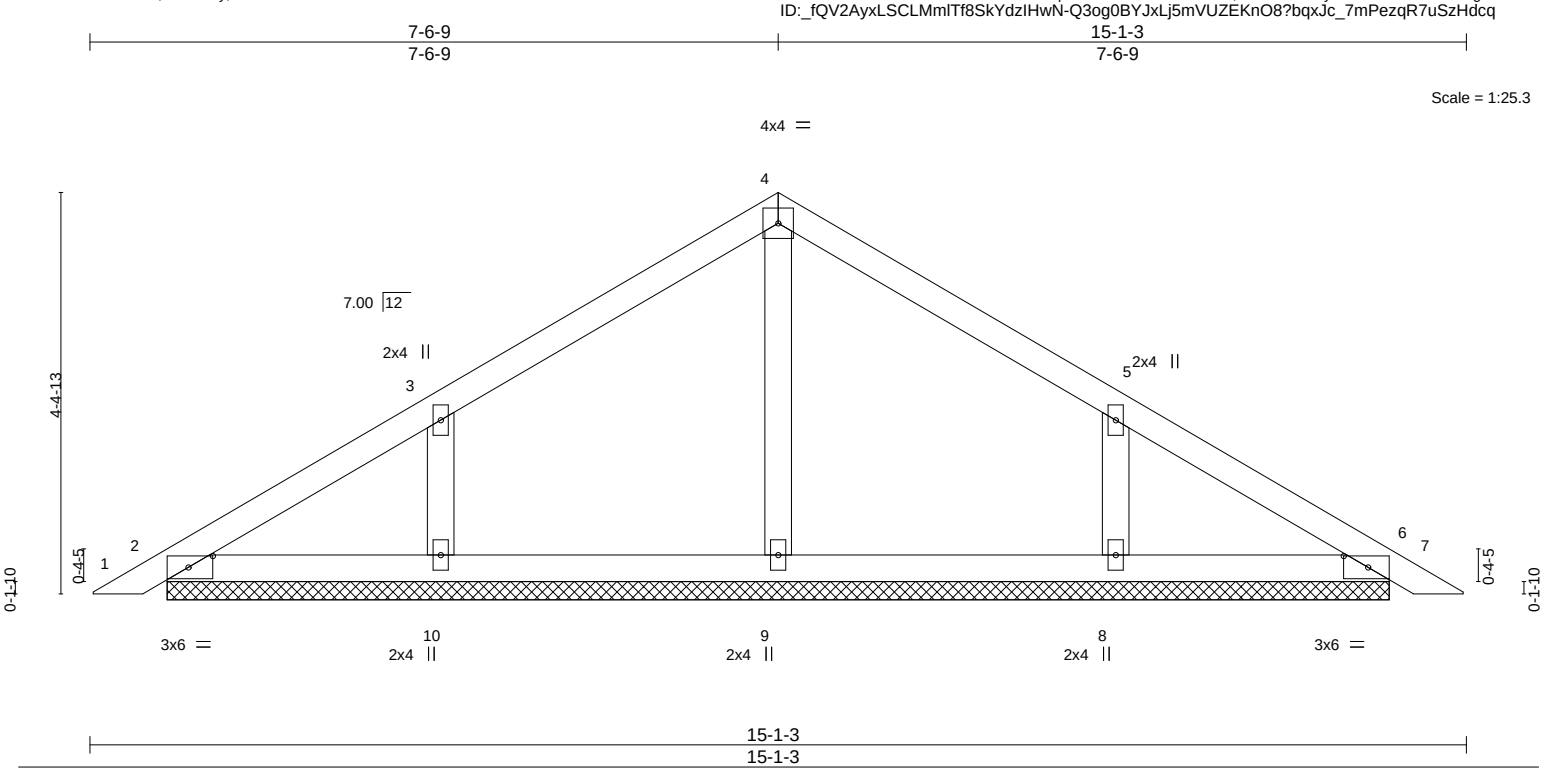


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [6:0-3-3,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.13	Vert(LL)	0.00	6	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	0.00	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 56 lb	FT = 20%

LUMBER-

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

BRACING-

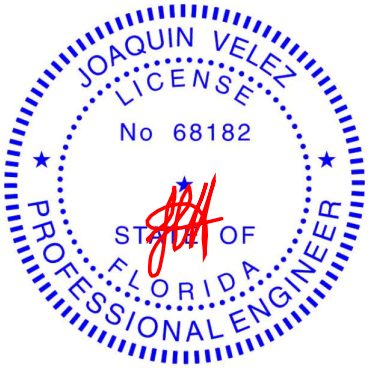
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 13-4-13.
(lb) - Max Horz 2=-134(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6, 9 except 10=-210(LC 12), 8=-210(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9 except 10=321(LC 19), 8=320(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-10=-263/227, 5-8=-263/226

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6, 9 except (jt=lb) 10=210, 8=210.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard



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Date:
May 11,2020

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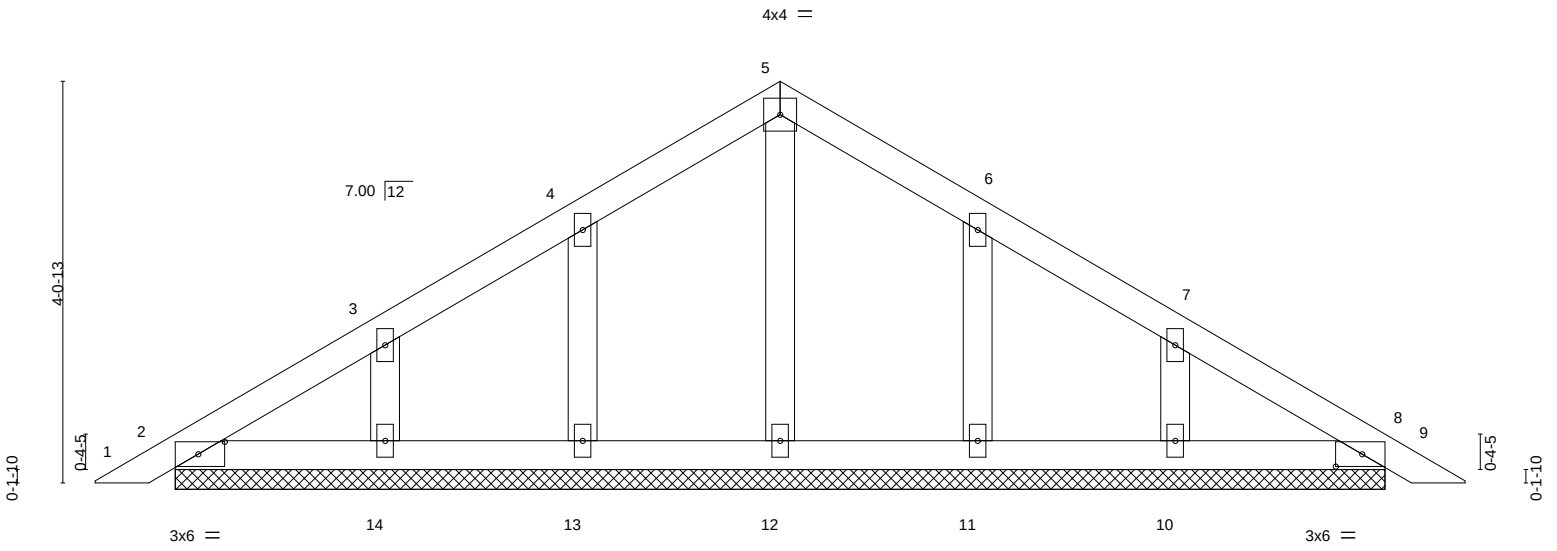
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	PB02G	GABLE	2	1	T20177741
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:20 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-brNaVEk23ajBd2ocM6MgL5aUmOZyBb0BZDT8eTzHdyX

6-11-10 | 13-11-5
6-11-10 | 6-11-11

Scale = 1:23.3



13-11-5
13-11-5

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	0.05	Vert(LL)	0.00	8	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	0.00	8	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 57 lb	FT = 20%

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

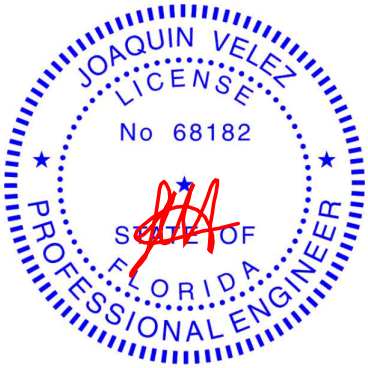
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 12-3-0.
(lb) - Max Horz 2=124(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8 except 13=-107(LC 12), 14=-119(LC 12), 11=-106(LC 13), 10=-119(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 8, 12, 13, 14, 11, 10

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8 except (jt=lb) 13=107, 14=119, 11=106, 10=119.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

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6904 Parke East Blvd.
Tampa, FL 36610

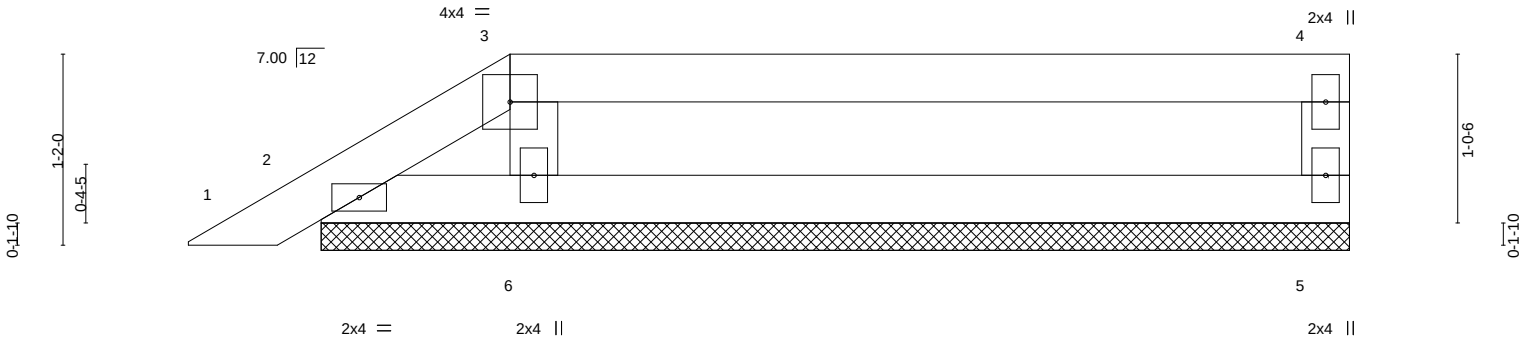
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	PB03	Piggyback	1	1	T20177742
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:20 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-brNaVEk23ajBd2ocM6MgL5aOJOWUBbmBZDT8eTzHdyX

7-1-8
7-1-8

Scale = 1:14.1



7-1-8
7-1-8

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	0.40	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 22 lb	FT = 20%

LUMBER-

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

BRACING-

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

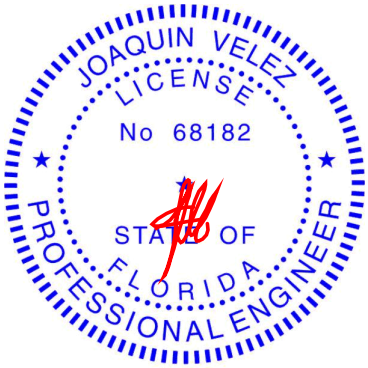
REACTIONS. (lb/size) 5=173/6-3-6, 2=62/6-3-6, 6=248/6-3-6
Max Horz 2=48(LC 12)
Max Uplift 5=-91(LC 8), 2=-52(LC 12), 6=-73(LC 9)
Max Grav 5=173(LC 1), 2=62(LC 1), 6=251(LC 3)

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

NOTES-

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 2, 6.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard



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May 11,2020

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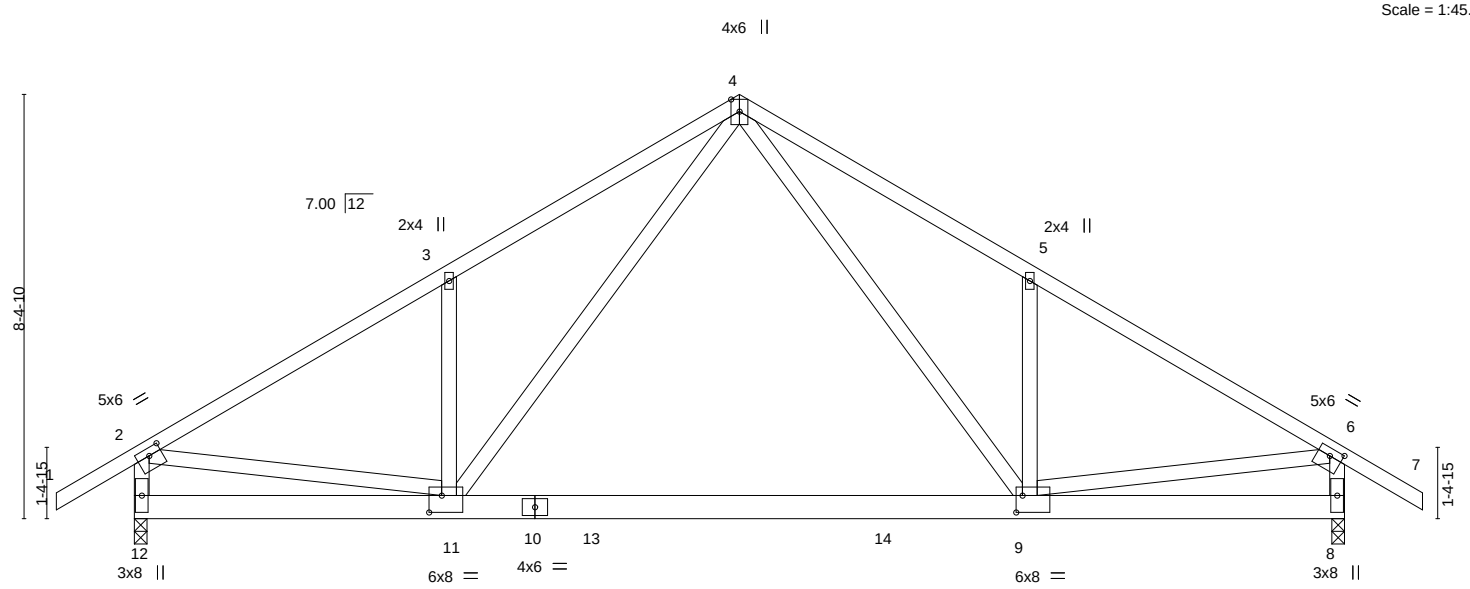
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T01	Common	4	1	T20177743
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:20 2020 Page 1
ID:_fQV2AyxLSCLMmITf8SkYdzIHwN-brNaVEk23ajBd2ocM6MgL5aLjOTvBMbBZDT8eTzHdyX

-1-6-8	6-2-10	11-11-8	17-8-6	23-11-0	25-5-8
1-6-8	6-2-10	5-8-14	5-8-14	6-2-10	1-6-8

Scale = 1:45.5



6-2-10	17-8-6	23-11-0
6-2-10	11-5-12	6-2-10

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

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	0.63	Vert(LL)	-0.23	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.45	9-11	>627	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.96	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 163 lb	FT = 20%

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

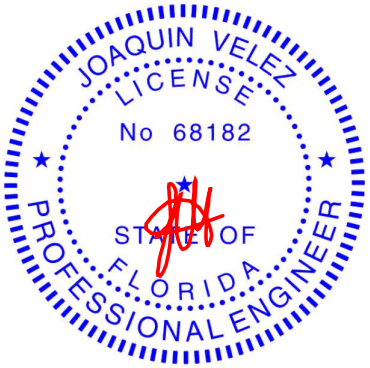
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 12=1304/0-3-0, 8=1304/0-3-0
Max Horz 12=-302(LC 10)
Max Uplift 12=-547(LC 12), 8=-547(LC 13)
Max Grav 12=1399(LC 19), 8=1341(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1952/766, 3-4=-2002/955, 4-5=-1896/955, 5-6=-1910/766, 2-12=-1481/683, 6-8=-1409/683
BOT CHORD 11-12=-289/328, 10-11=-288/1131, 10-13=-288/1131, 13-14=-288/1131, 9-14=-288/1131
WEBS 4-9=-526/1070, 5-9=-410/367, 4-11=-526/1135, 3-11=-410/367, 2-11=-478/1534, 6-9=-478/1609

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=547, 8=547.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-4=-54, 4-6=-54, 6-7=-54, 11-12=-20, 9-11=-80(F=-60), 8-9=-20



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May 11,2020

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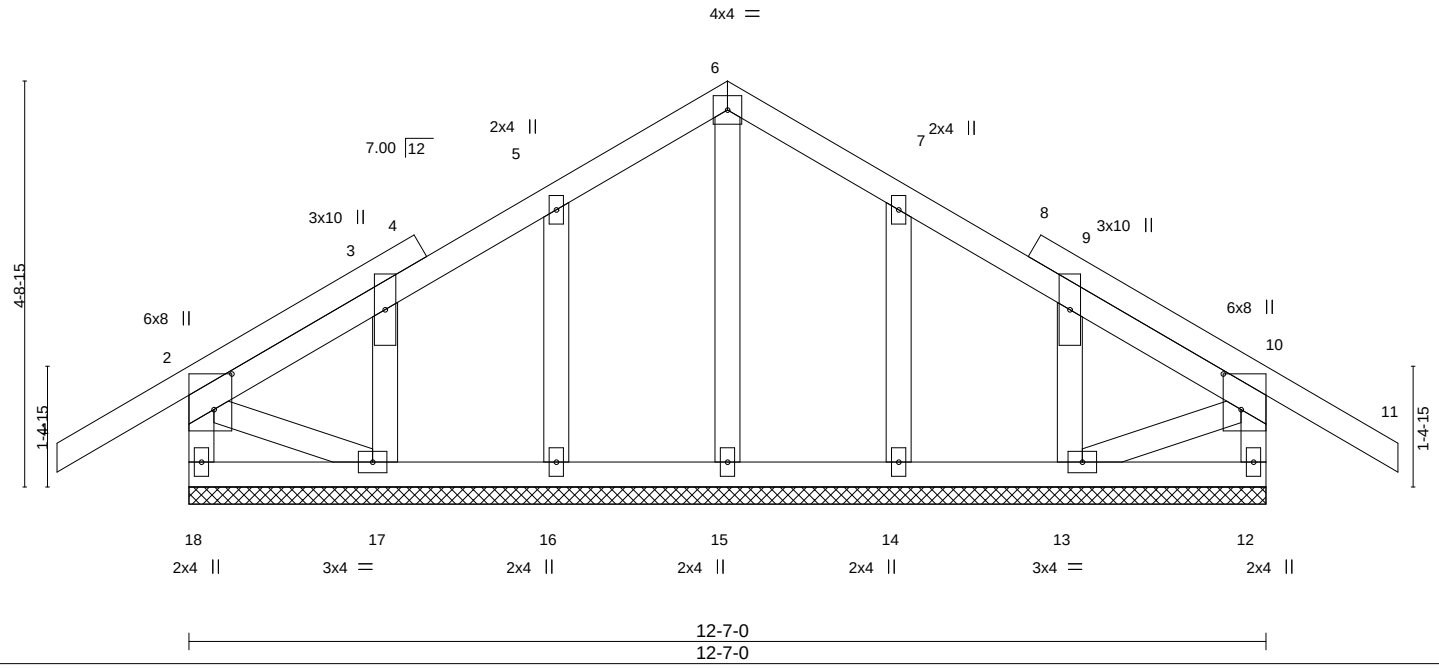
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T01G	Common Supported Gable	1	1	Job Reference (optional)	T20177744

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:21 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-31xyialgptr2FBNowquvtJ6dNov6w2DKotDhAvzHdyW

-1-6-8	6-3-8	12-7-0	14-1-8
1-6-8	6-3-8	6-3-8	1-6-8

Scale = 1:26.9



12-7-0
12-7-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	-0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 84 lb	FT = 20%

LUMBER-

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

BRACING-

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

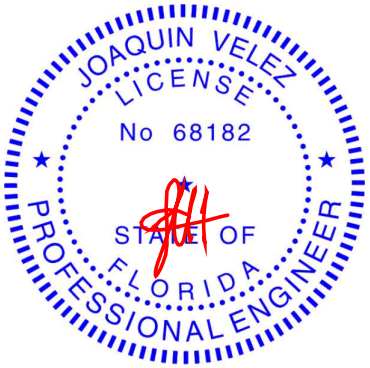
REACTIONS. All bearings 12-7-0.
(lb) - Max Horz 18=182(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 18, 12 except 16=-108(LC 12), 17=-134(LC 12), 14=-108(LC 13), 13=-129(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 18, 12, 15, 16, 17, 14, 13

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

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 12 except (jt=lb) 16=108, 17=134, 14=108, 13=129.

LOAD CASE(S) Standard



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Date:
May 11,2020

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Tampa, FL 36610

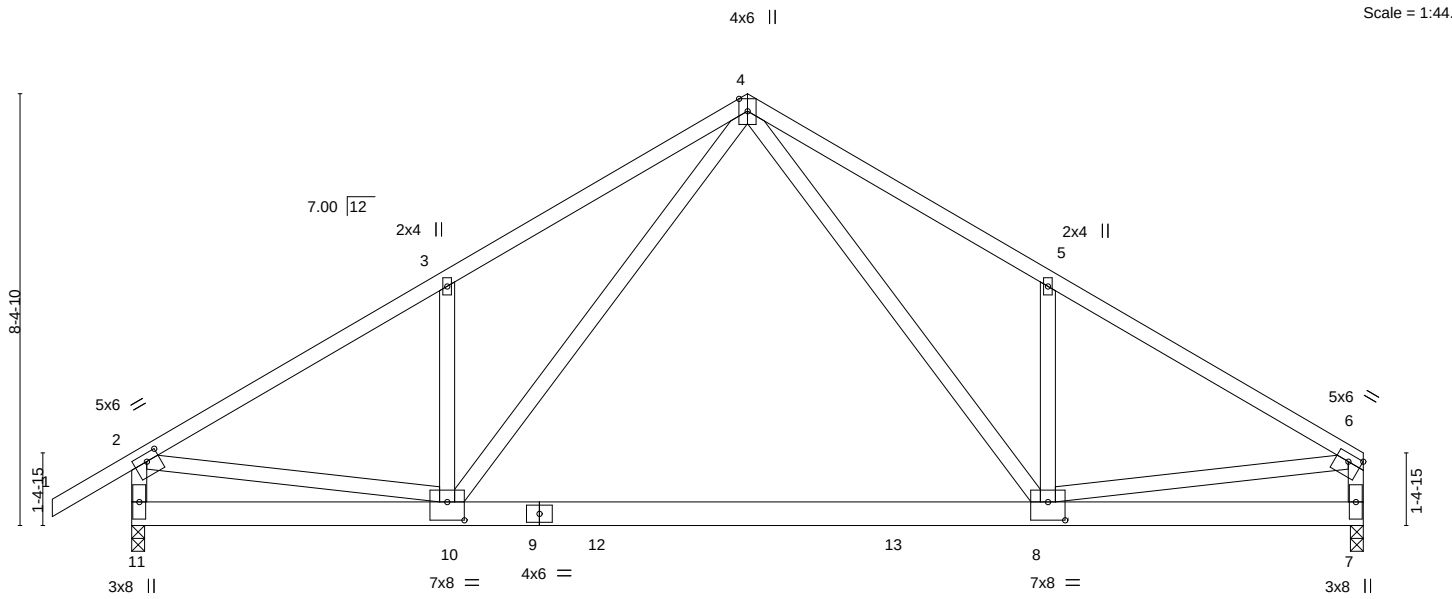
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T02	Common	6	1	Job Reference (optional)	T20177745

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:22 2020 Page 1
ID:_fQV2AyxLSCLMmITf8SkYdzIHwN-XDVKwwmIaBzvsLy?TXP8QWfhbC9DfGSU1XyEjMzHdyV

-1-6-8	6-1-8	11-11-8	17-9-8	23-11-0
1-6-8	6-1-8	5-10-0	5-10-0	6-1-8

Scale = 1:44.7



6-1-8	17-9-8	23-11-0
6-1-8	11-8-0	6-1-8

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

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	0.60	Vert(LL)	-0.24	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.47	8-10	>599	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	1.00	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 161 lb	FT = 20%

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

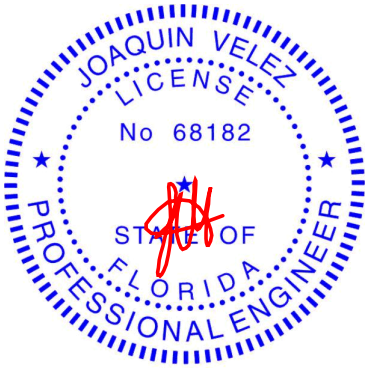
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 11=1313/0-3-0, 7=1215/0-3-0
Max Horz 11=269(LC 9)
Max Uplift 11=-549(LC 12), 7=-491(LC 13)
Max Grav 11=1408(LC 19), 7=1257(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1975/776, 3-4=-2028/965, 4-5=-1933/969, 5-6=-1936/772, 2-11=-1499/687, 6-7=-1333/576
BOT CHORD 10-11=-279/288, 9-10=-337/1112, 9-12=-337/1112, 12-13=-337/1112, 8-13=-337/1112
WEBS 4-8=-542/1100, 5-8=-425/385, 4-10=-531/1150, 3-10=-411/368, 2-10=-493/1567, 6-8=-518/1639

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=549, 7=491.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-4=-54, 4-6=-54, 10-11=-20, 8-10=-80(F=-60), 7-8=-20



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May 11,2020

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Tampa, FL 36610

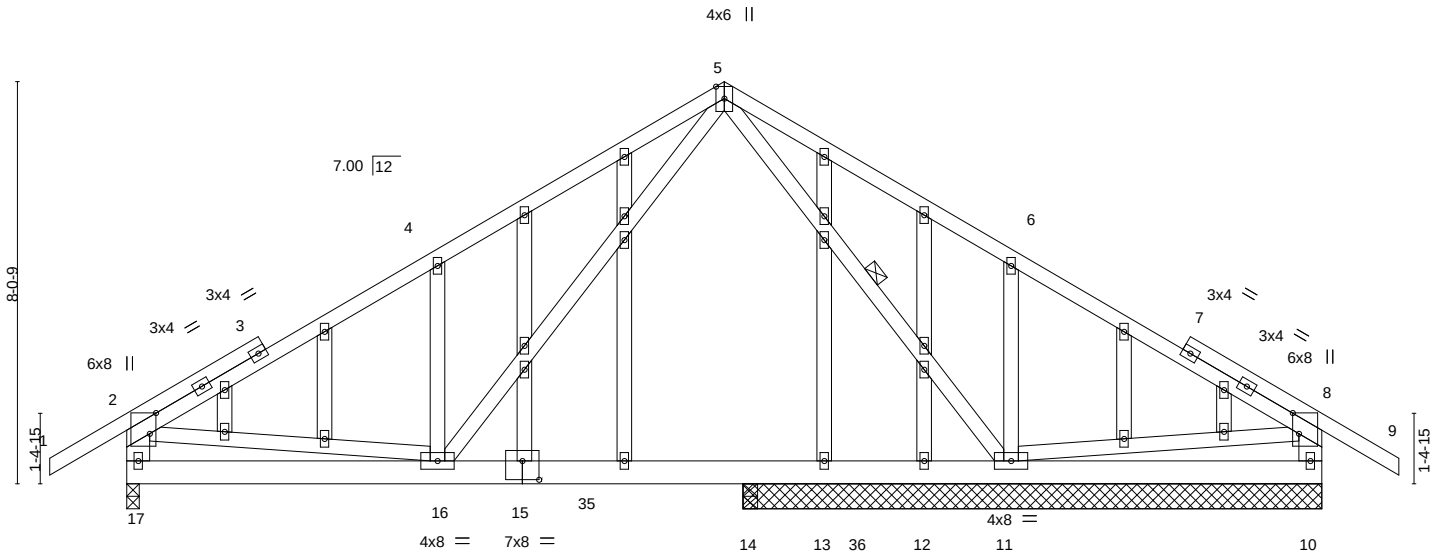
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T02G	GABLE	1	1	Job Reference (optional)	T20177746

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:22 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-XDVKwwmIaBzvsLy?TXP8QWflcCDCfL2U1XyEjMzHdyV

-1-6-8	6-2-10	11-11-8	17-8-6	23-11-0	25-5-8
1-6-8	6-2-10	5-8-14	5-8-14	6-2-10	1-6-8

Scale = 1:46.1



6-2-10	12-5-12	17-8-6	23-11-0
6-2-10	6-3-2	5-2-10	6-2-10

Plate Offsets (X,Y)-- [2:0-5-0,0-1-8], [8:0-5-0,0-1-8], [15:0-4-0,0-4-8]

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	0.35	Vert(LL)	-0.02	16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.18	Vert(CT)	-0.03	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 213 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* 2-17,8-10: 2x6 SP No.2
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 5-11

REACTIONS. All bearings 11-7-0 except (jt=length) 17=0-3-0, 14=0-3-8.
(lb) - Max Horz 17=286(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 10, 13, 12, 14 except 17=-308(LC 12), 11=-432(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 13, 12 except 17=687(LC 1), 11=828(LC 1), 10=295(LC 24), 14=337(LC 18)

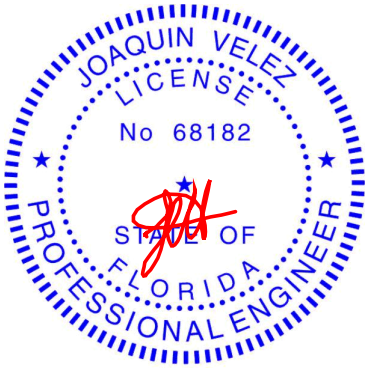
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-694/295, 3-4=-621/318, 4-5=-796/501, 2-17=-619/386
BOT CHORD	16-17=-293/436, 15-16=-101/335, 15-35=-101/335, 14-35=-101/335, 13-14=-101/335, 13-36=-101/335, 12-36=-101/335, 11-12=-101/335
WEBS	5-11=-479/226, 6-11=-405/356, 5-16=-374/593, 4-16=-403/357, 2-16=-28/301, 8-11=-318/264

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10, 13, 12, 14 except (jt=lb) 17=308, 11=432.

LOAD CASE(S) Standard



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Date:
May 11,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T03	Half Hip	1	1	Job Reference (optional)	T20177747

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:23 2020 Page 1
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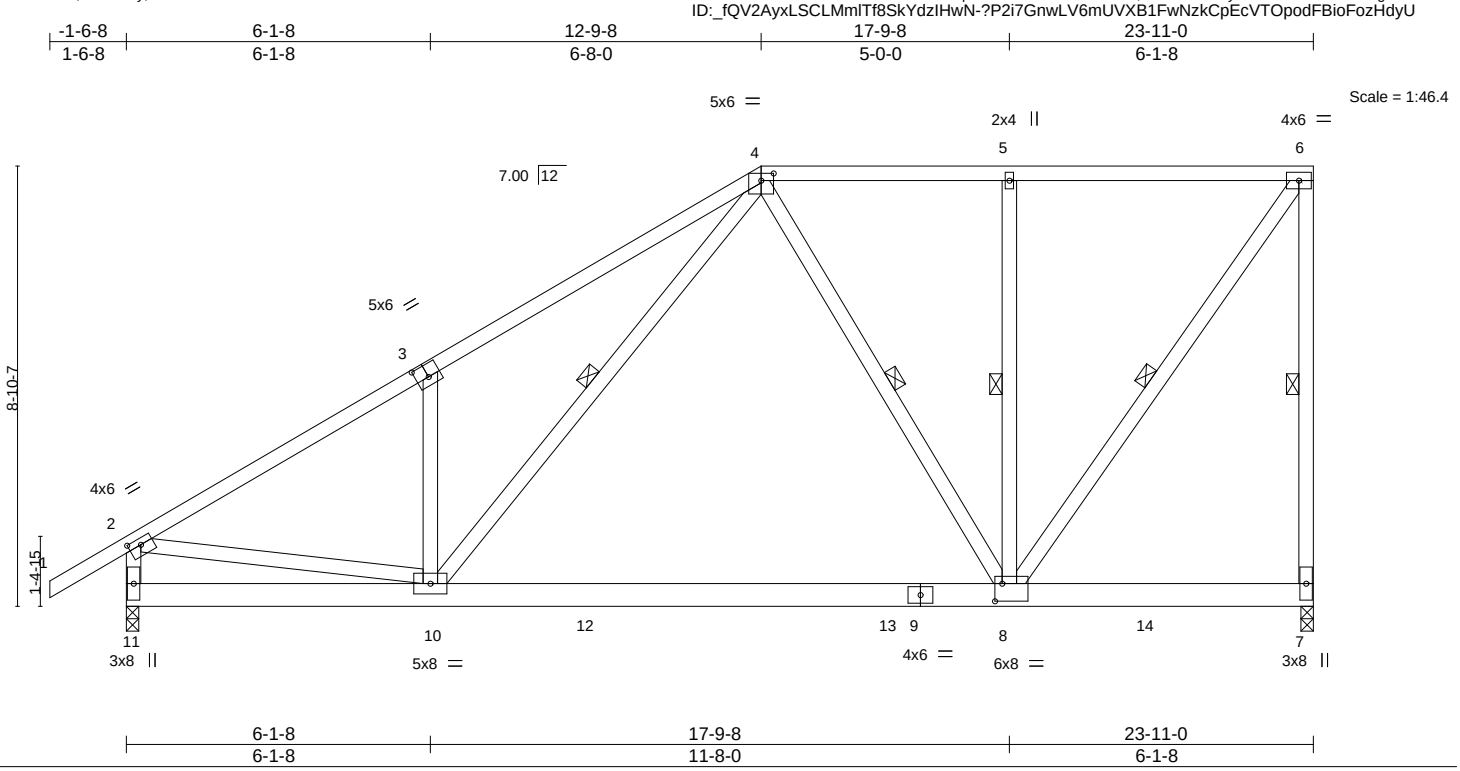


Plate Offsets (X,Y)-- [2:0-3-0,0-1-8], [3:0-3-0,0-3-0], [4:0-3-0,0-1-12], [8:0-1-12,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.80	Vert(LL)	-0.24	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.46	8-10	>612	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.55	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 182 lb	FT = 20%

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

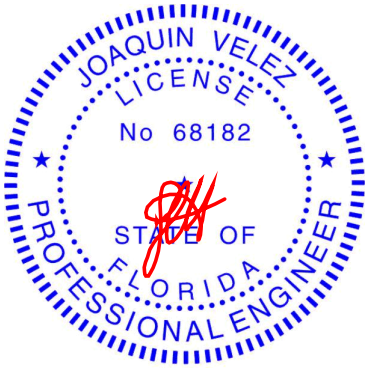
BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-7, 4-10, 4-8, 5-8, 6-8

REACTIONS. (lb/size) 7=1219/0-3-0, 11=1314/0-3-0
Max Horz 11=391(LC 12)
Max Uplift 7=-554(LC 9), 11=-512(LC 12)
Max Grav 7=1239(LC 2), 11=1398(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1965/726, 3-4=-2030/929, 4-5=-840/425, 5-6=-840/425, 6-7=-1273/709, 2-11=-1486/650
BOT CHORD 10-11=-445/395, 10-12=-536/962, 12-13=-536/962, 9-13=-536/962, 8-9=-536/962
WEBS 3-10=-460/403, 4-10=-588/1213, 4-8=-275/251, 5-8=-348/277, 6-8=-732/1459, 2-10=-491/1587

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=554, 11=512.
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: 1-2=-54, 2-4=-54, 4-6=-54, 10-11=-20, 8-10=-80(F=-60), 7-8=-20



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T04	Half Hip	1	1	Job Reference (optional)	T20177748

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:23 2020 Page 1
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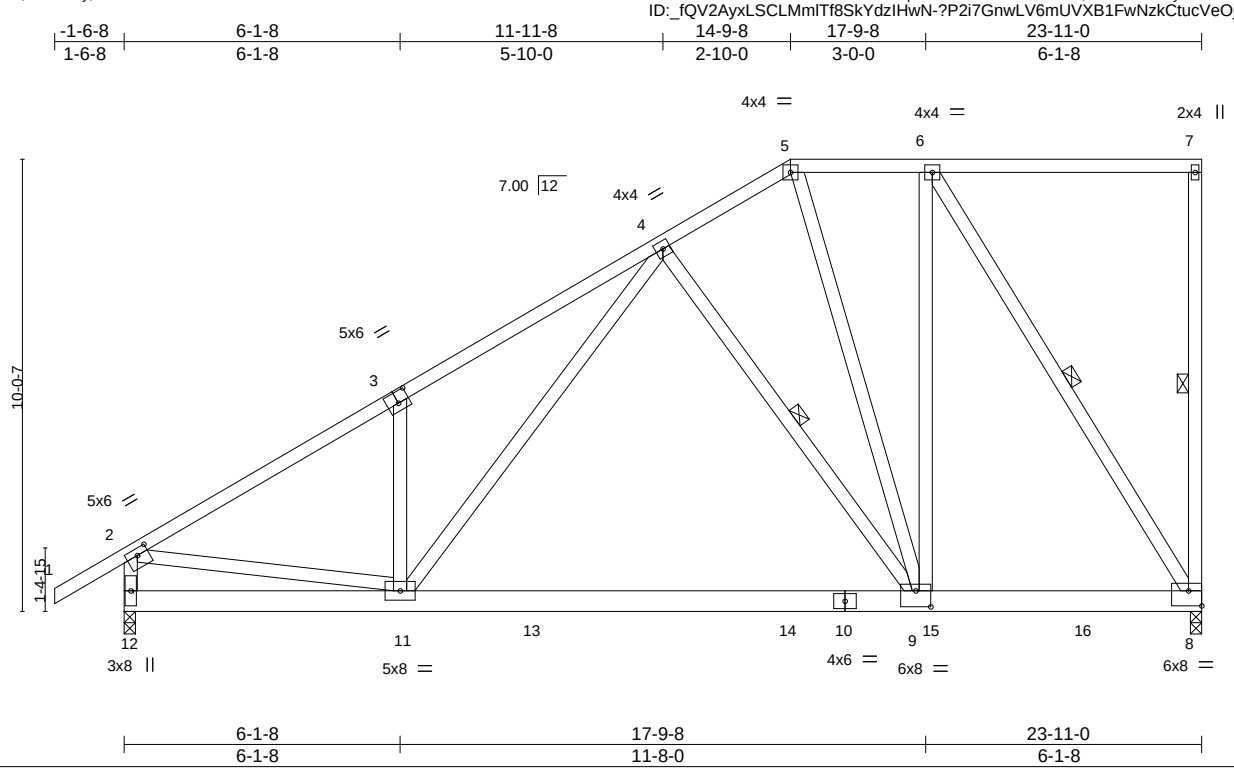


Plate Offsets (X,Y)-- [2:0-3-0,0-1-12], [3:0-3-0,0-3-0], [8:Edge,0-4-0], [9:0-4-0,0-4-4]

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	0.57	Vert(LL)	-0.22	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.43	9-11	>653	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.95	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 200 lb	FT = 20%

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

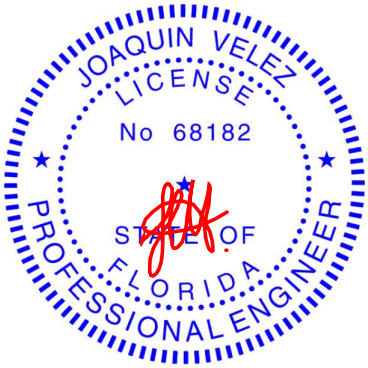
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-8, 4-9, 6-8

REACTIONS. (lb/size) 8=1212/0-3-0, 12=1312/0-3-0
Max Horz 12=449(LC 12)
Max Uplift 8=-539(LC 9), 12=-507(LC 12)
Max Grav 8=1231(LC 19), 12=1431(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1998/679, 3-4=-2035/856, 4-5=-843/380, 5-6=-793/387, 2-12=-1512/624
BOT CHORD 11-12=-517/466, 11-13=-599/1108, 13-14=-599/1108, 10-14=-599/1108, 9-10=-599/1108, 9-15=-381/773, 15-16=-381/773, 8-16=-381/773
WEBS 3-11=-398/349, 4-11=-514/1090, 4-9=-729/468, 5-9=-158/378, 6-9=-397/1146, 6-8=-1469/718, 2-11=-427/1581

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=539, 12=507.
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: 1-2=-54, 2-5=-54, 5-7=-54, 11-12=-20, 9-11=-80(F=-60), 8-9=-20



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Date:
May 11,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T05	Half Hip	1	1	T20177749
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:24 2020 Page 1
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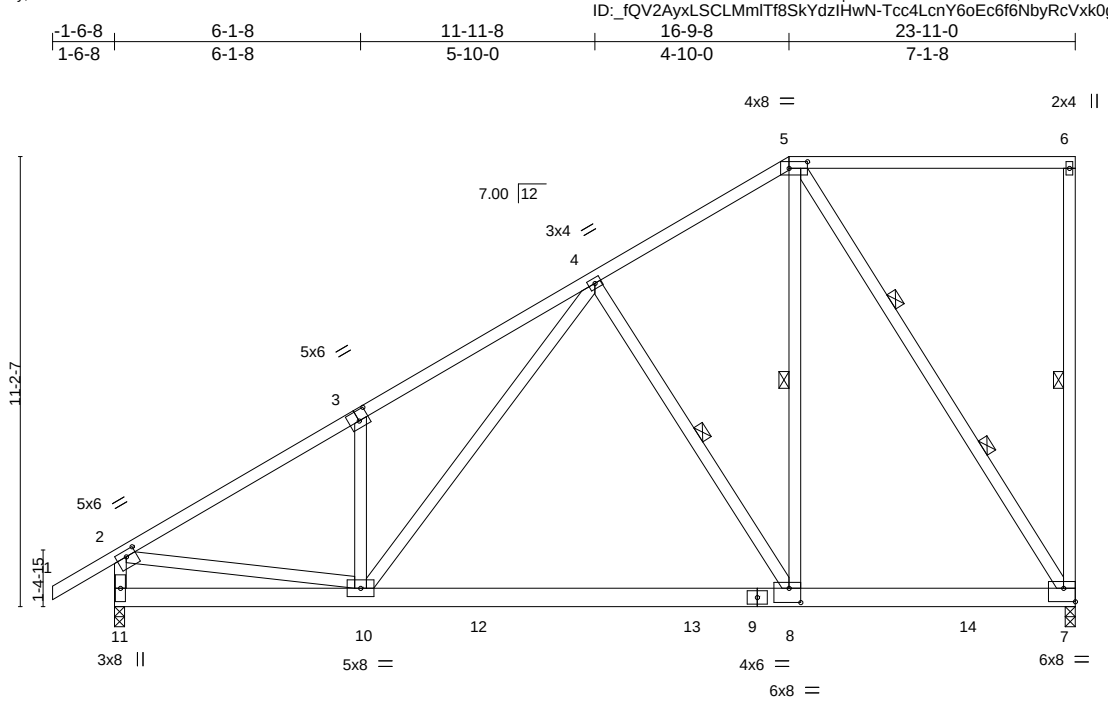


Plate Offsets (X,Y)-- [2:0-3-0,0-1-12], [3:0-3-0,0-3-0], [5:0-5-8,0-2-0], [7:Edge,0-4-0], [8:0-3-8,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.70	Vert(LL)	0.20	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.37	8-10	>769	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.92	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 191 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP M 26
WEBS 2x4 SP No.3 *Except*
5-7: 2x4 SP No.2

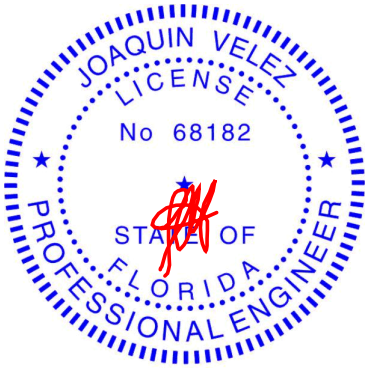
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-7, 4-8, 5-8
2 Rows at 1/3 pts 5-7

REACTIONS. (lb/size) 7=1182/0-3-0, 11=1301/0-3-0
Max Horz 11=507(LC 12)
Max Uplift 7=-559(LC 12), 11=-491(LC 12)
Max Grav 7=1268(LC 19), 11=1441(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1982/625, 3-4=-2016/800, 4-5=-938/365, 2-11=-1500/589
BOT CHORD 10-11=-577/521, 10-12=-610/1155, 12-13=-610/1155, 9-13=-610/1155, 8-9=-610/1155, 8-14=-376/791, 7-14=-376/791
WEBS 3-10=-392/343, 4-10=-501/1012, 4-8=-726/492, 5-8=-538/1486, 5-7=-1457/685, 2-10=-378/1549

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=559, 11=491.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-5=-54, 5-6=-54, 10-11=-20, 8-10=-80(F=-60), 7-8=-20



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May 11,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	T20177750
2340302	T06	Piggyback Base	1	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:24 2020 Page 1
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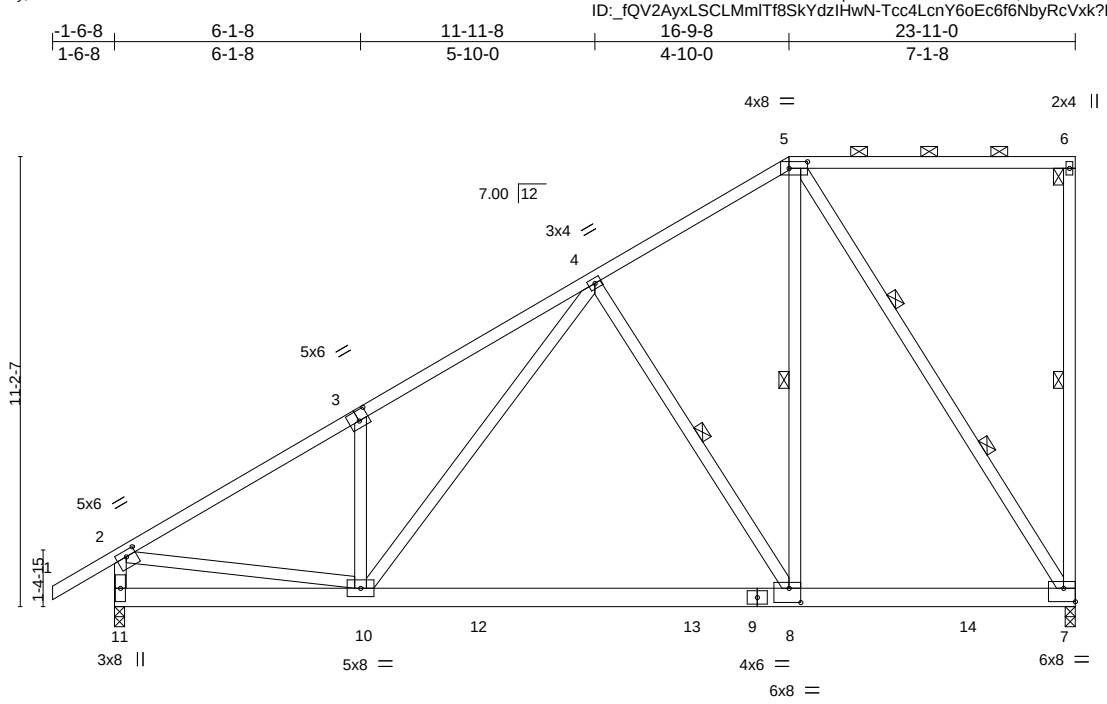


Plate Offsets (X,Y)-- [2:0-3-0,0-1-12], [3:0-3-0,0-3-0], [5:0-5-8,0-2-0], [7:Edge,0-4-0], [8:0-3-8,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	0.20	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.37	8-10	>769	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.92	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 191 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP M 26
WEBS 2x4 SP No.3 *Except*
5-7: 2x4 SP No.2

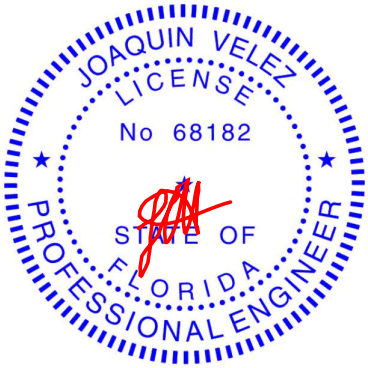
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-1 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-7, 4-8, 5-8
2 Rows at 1/3 pts 5-7

REACTIONS. (lb/size) 7=1182/0-3-0, 11=1301/0-3-0
Max Horz 11=507(LC 12)
Max Uplift 7=-559(LC 12), 11=-491(LC 12)
Max Grav 7=1268(LC 19), 11=1441(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1982/625, 3-4=-2016/800, 4-5=-938/365, 2-11=-1500/589
BOT CHORD 10-11=-577/521, 10-12=-610/1155, 12-13=-610/1155, 9-13=-610/1155, 8-9=-610/1155, 8-14=-376/791, 7-14=-376/791
WEBS 3-10=-392/343, 4-10=-501/1012, 4-8=-726/492, 5-8=-538/1486, 5-7=-1457/685, 2-10=-378/1549

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=559, 11=491.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-5=-54, 5-6=-54, 10-11=-20, 8-10=-80(F=-60), 7-8=-20



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Date:
May 11,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T07	Common	1	1	Job Reference (optional)	T20177751

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:25 2020 Page 1
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1-6-0	6-2-8	5-9-8	5-9-8	6-2-8	1-6-0

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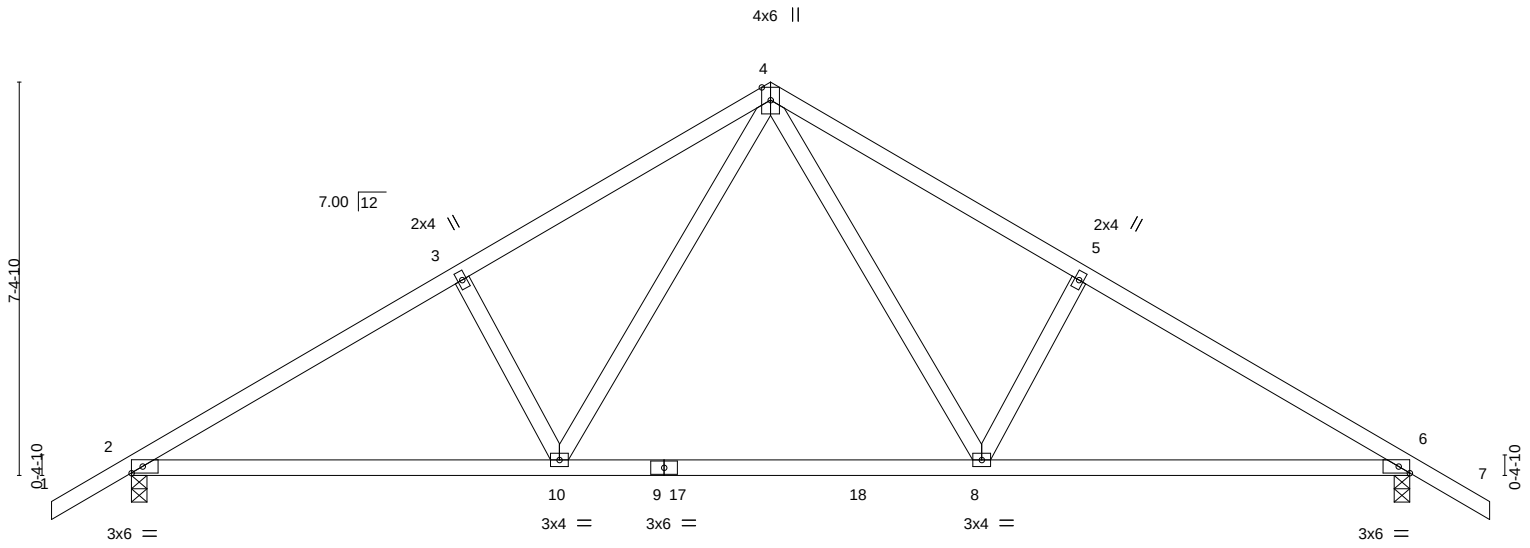


8-0-7	15-11-9	24-0-0
8-0-7	7-11-2	8-0-7

Plate Offsets (X,Y)-- [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	0.39	Vert(LL)	-0.17	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.24	8-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 117 lb	FT = 20%

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

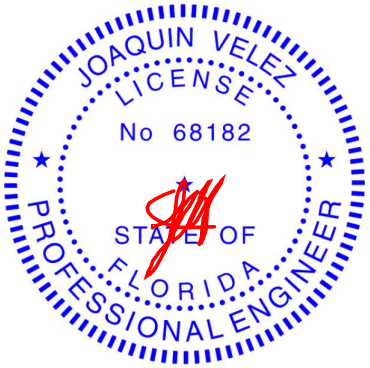
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-5-6 oc bracing.

REACTIONS. (lb/size) 2=969/0-3-8, 6=969/0-3-8
Max Horz 2=251(LC 11)
Max Uplift 2=-390(LC 12), 6=-390(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1384/616, 3-4=-1326/656, 4-5=-1326/656, 5-6=-1385/616
BOT CHORD 2-10=-471/1293, 9-10=-179/823, 9-17=-179/823, 17-18=-179/823, 8-18=-179/823, 6-8=-404/1140
WEBS 4-8=-289/629, 5-8=-391/328, 4-10=-289/628, 3-10=-391/328

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=390, 6=390.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T07G	Common Supported Gable	1	1	T20177752
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:25 2020 Page 1
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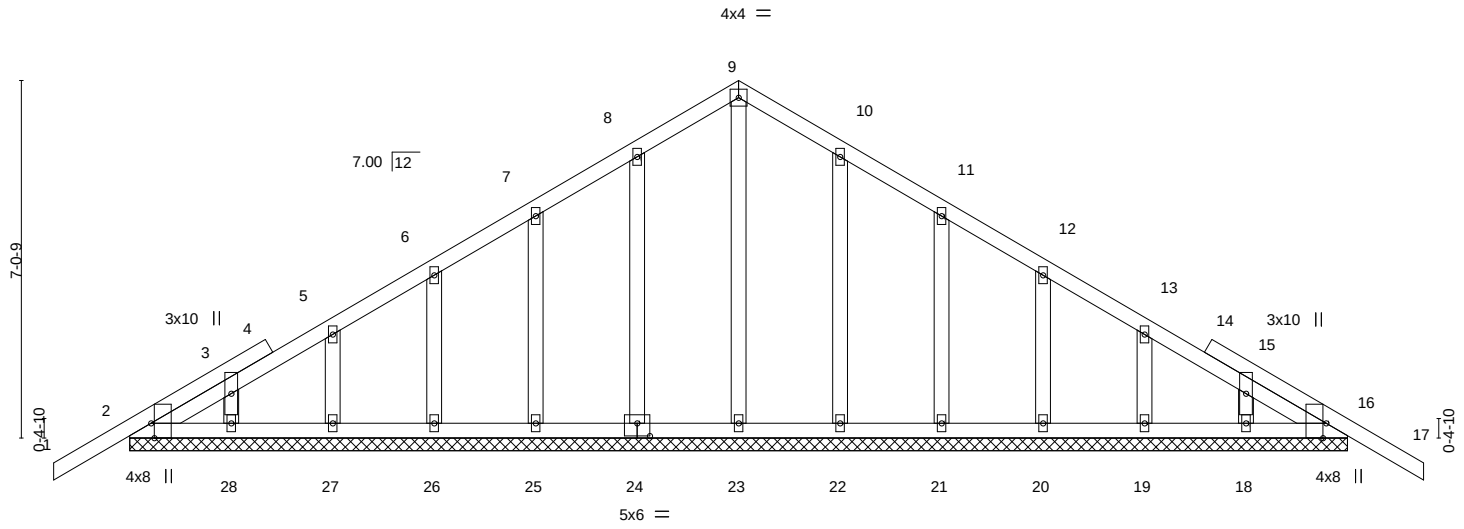
-1-6-0 | 12-0-0 | 24-0-0 | 25-6-0
1-6-0 | 12-0-0 | 12-0-0 | 1-6-0

Scale = 1:45.4



24-0-0
24-0-0

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [16:0-3-8,Edge], [24:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	-0.01	17	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	-0.01	17	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.01	16	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 145 lb	FT = 20%

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

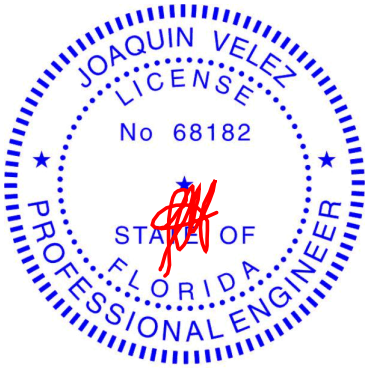
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 24-0-0.
(lb) - Max Horz 2=240(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 16, 27, 28, 18 except 24=-106(LC 12), 25=-106(LC 12), 26=-106(LC 12), 22=-104(LC 13), 21=-107(LC 13), 20=-105(LC 13), 19=-100(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 16, 23, 24, 25, 26, 27, 28, 22, 21, 20, 19, 18

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 16, 27, 28, 18 except (jt=lb) 24=106, 25=106, 26=106, 22=104, 21=107, 20=105, 19=100.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

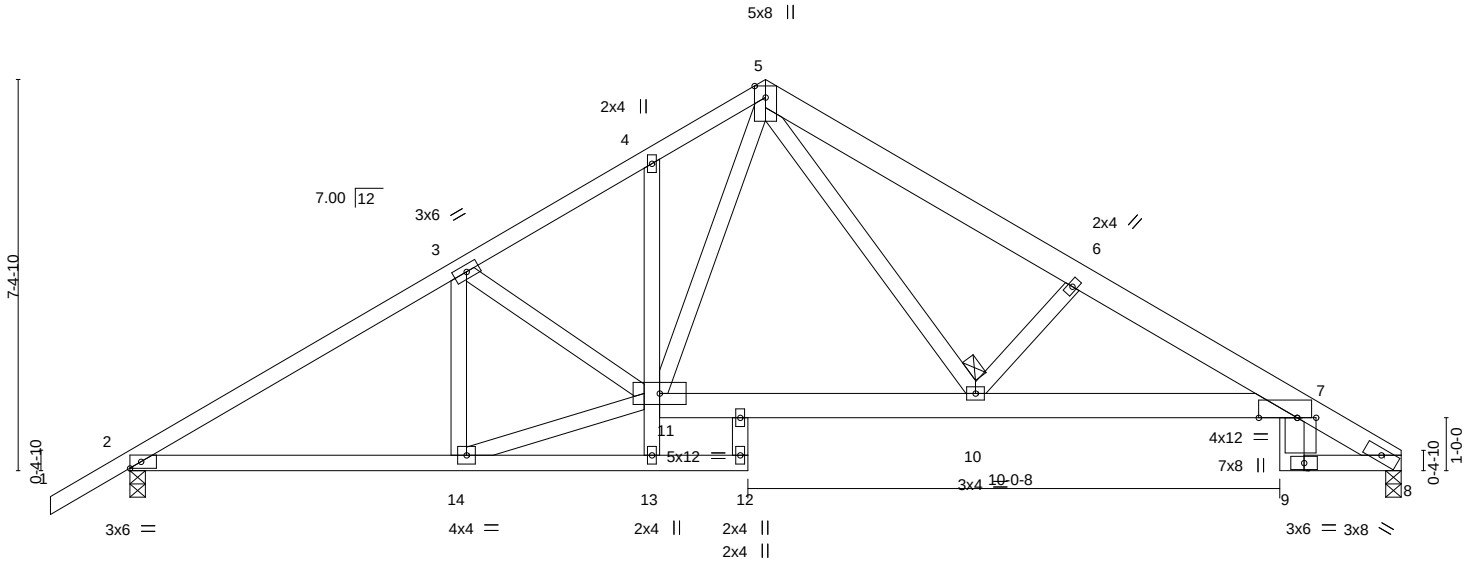
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T08	Roof Special	6	1	Job Reference (optional)	T20177753

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:26 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-Q_krmIppeQUKLzFmiNT4aMqQ3pP?bC63y9xSs7zHdyR

-1-6-0	6-2-8	10-0-0	12-0-0	17-9-8	21-8-8	24-0-0	25-6-0
1-6-0	6-2-8	3-9-8	2-0-0	5-9-8	3-11-0	2-3-8	1-6-0

Scale = 1:43.5



6-2-8	10-0-0	11-8-0	15-11-9	21-8-8	24-0-0
6-2-8	3-9-8	1-8-0	4-3-9	5-8-15	2-3-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.45	Vert(LL)	-0.14	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.27	7-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.16	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 155 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
5-8: 2x6 SP M 26
BOT CHORD 2x4 SP No.2 *Except*
4-13: 2x4 SP No.3, 7-11,7-9: 2x6 SP No.2
WEBS 2x4 SP No.3

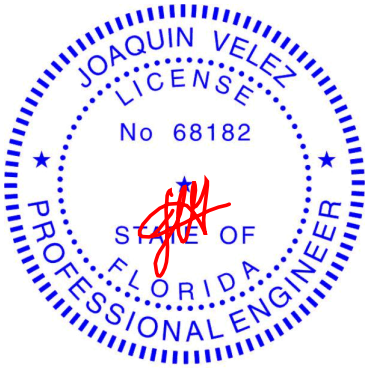
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
10-0-0 oc bracing: 11-13
JOINTS 1 Brace at Jt(s): 10

REACTIONS. (lb/size) 8=902/0-3-8, 2=986/0-3-8
Max Horz 2=242(LC 11)
Max Uplift 8=-327(LC 13), 2=-383(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1431/599, 3-4=-1374/611, 4-5=-1403/670, 5-6=-1726/782, 6-7=-1901/817, 7-18=-565/260
BOT CHORD 2-14=-464/1215, 10-11=-214/907, 7-10=-652/1722
WEBS 11-14=-448/1220, 5-11=-317/669, 5-10=-384/895, 6-10=-614/399

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=327, 2=383.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

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6904 Parke East Blvd.
Tampa, FL 36610

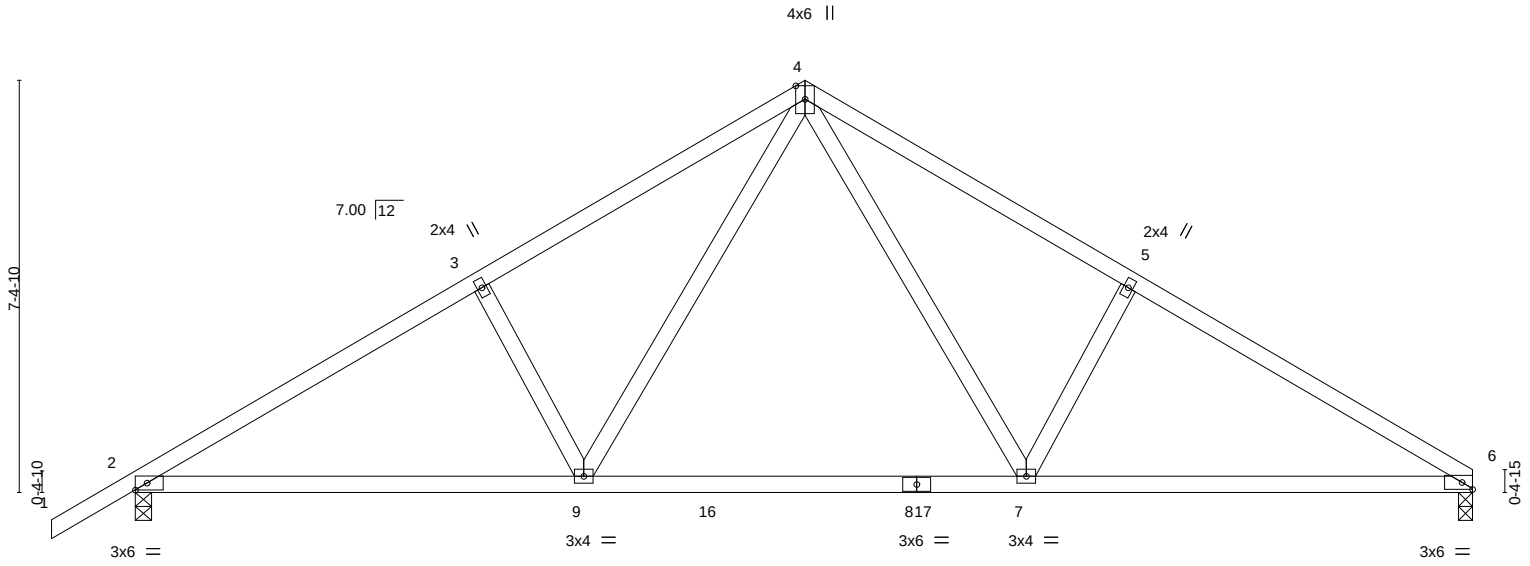
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T09	Common	9	1	T20177754
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:26 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-Q_krmIppeQUKLzFmiNT4aMqQqpTBbDB3y9xSs7zHdyR

-1-6-0	6-2-8	12-0-0	17-9-8	23-11-8
1-6-0	6-2-8	5-9-8	5-9-8	6-2-0

Scale = 1:41.3



8-0-7	15-11-9	23-11-8
8-0-7	7-11-2	7-11-15

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.40	Vert(LL)	-0.17	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.24	7-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.38	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 115 lb	FT = 20%

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

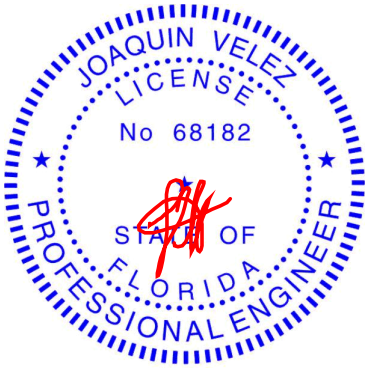
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-3-6 oc bracing.

REACTIONS. (lb/size) 6=884/0-3-0, 2=970/0-3-8
Max Horz 2=241(LC 9)
Max Uplift 6=-336(LC 13), 2=-390(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1386/622, 3-4=-1328/662, 4-5=-1318/667, 5-6=-1374/627
BOT CHORD 2-9=-491/1279, 9-16=-199/808, 16-17=-199/808, 8-17=-199/808, 7-8=-199/808, 6-7=-451/1146
WEBS 4-7=-297/634, 5-7=-384/333, 4-9=-288/628, 3-9=-391/328

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=336, 2=390.

LOAD CASE(S) Standard



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6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

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6904 Parke East Blvd.
Tampa, FL 36610

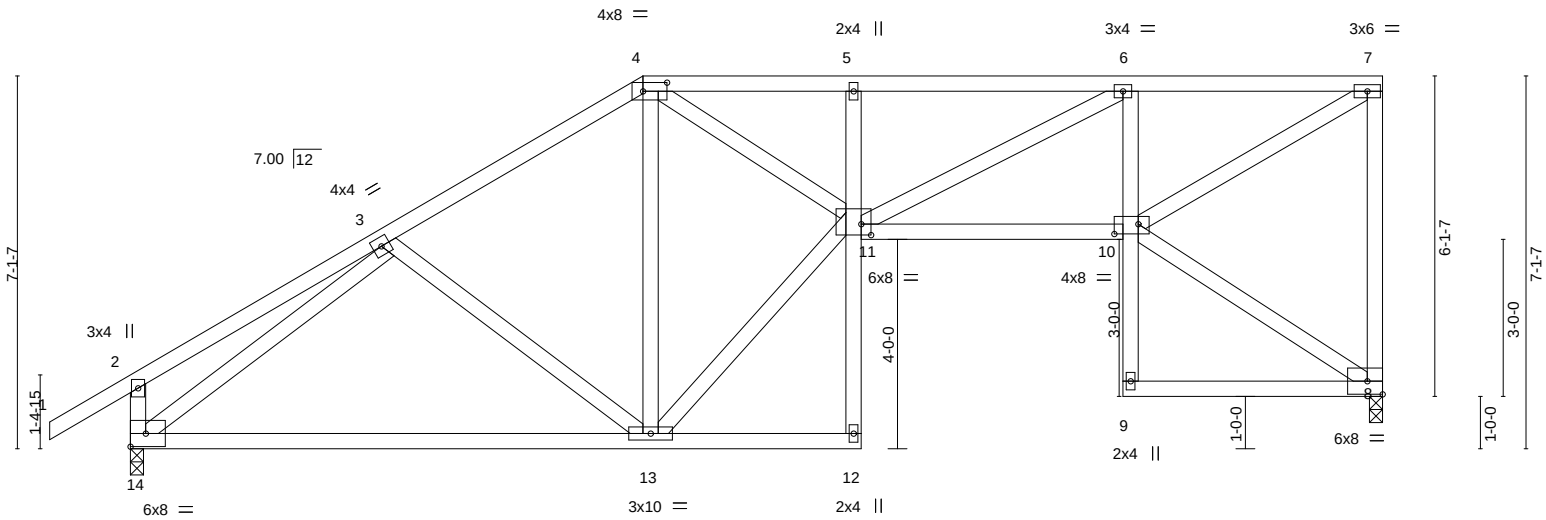
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T10	Half Hip	1	1	T20177755
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:27 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-uBIDzeqRPjcBz6qyG4_J7aMYvDmHKbqDApg?OZzHdyQ

-1-6-8	4-11-3	9-9-8	13-11-8	18-11-8	23-11-0
1-6-8	4-11-3	4-10-5	4-2-0	5-0-0	4-11-8

Scale = 1:44.0



9-9-8	13-11-8	18-11-8	23-11-0
9-9-8	4-2-0	5-0-0	4-11-8

Plate Offsets (X,Y)-- [4:0-5-8,0-2-0], [10:0-5-8,0-2-4], [11:0-2-4,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.24	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.82	Vert(CT)	-0.49	13-14	>574	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.14	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 170 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
5-12,6-9: 2x4 SP No.3
WEBS 2x4 SP No.3

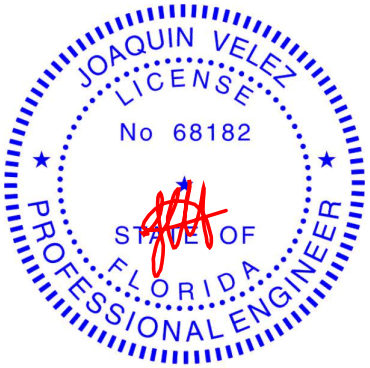
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 8=871/0-3-0, 14=969/0-3-0
Max Horz 14=303(LC 12)
Max Uplift 8=-403(LC 9), 14=-340(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-256/151, 3-4=-944/444, 4-5=-1784/1022, 5-6=-1804/1031, 6-7=-1214/678, 7-8=-821/481, 2-14=-317/242
BOT CHORD 13-14=-598/853, 5-11=-258/209, 10-11=-684/1238, 6-10=-600/421
WEBS 4-13=-523/368, 11-13=-601/1054, 4-11=-727/1278, 6-11=-393/643, 7-10=-784/1402, 3-14=-932/390

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=403, 14=340.

LOAD CASE(S) Standard



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T11	Half Hip	1	1	Job Reference (optional)	T20177756

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:28 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-MNsbAzq3A1k2aGP9qoWYgnvkfdCZ367MPTQZw?zHdyP

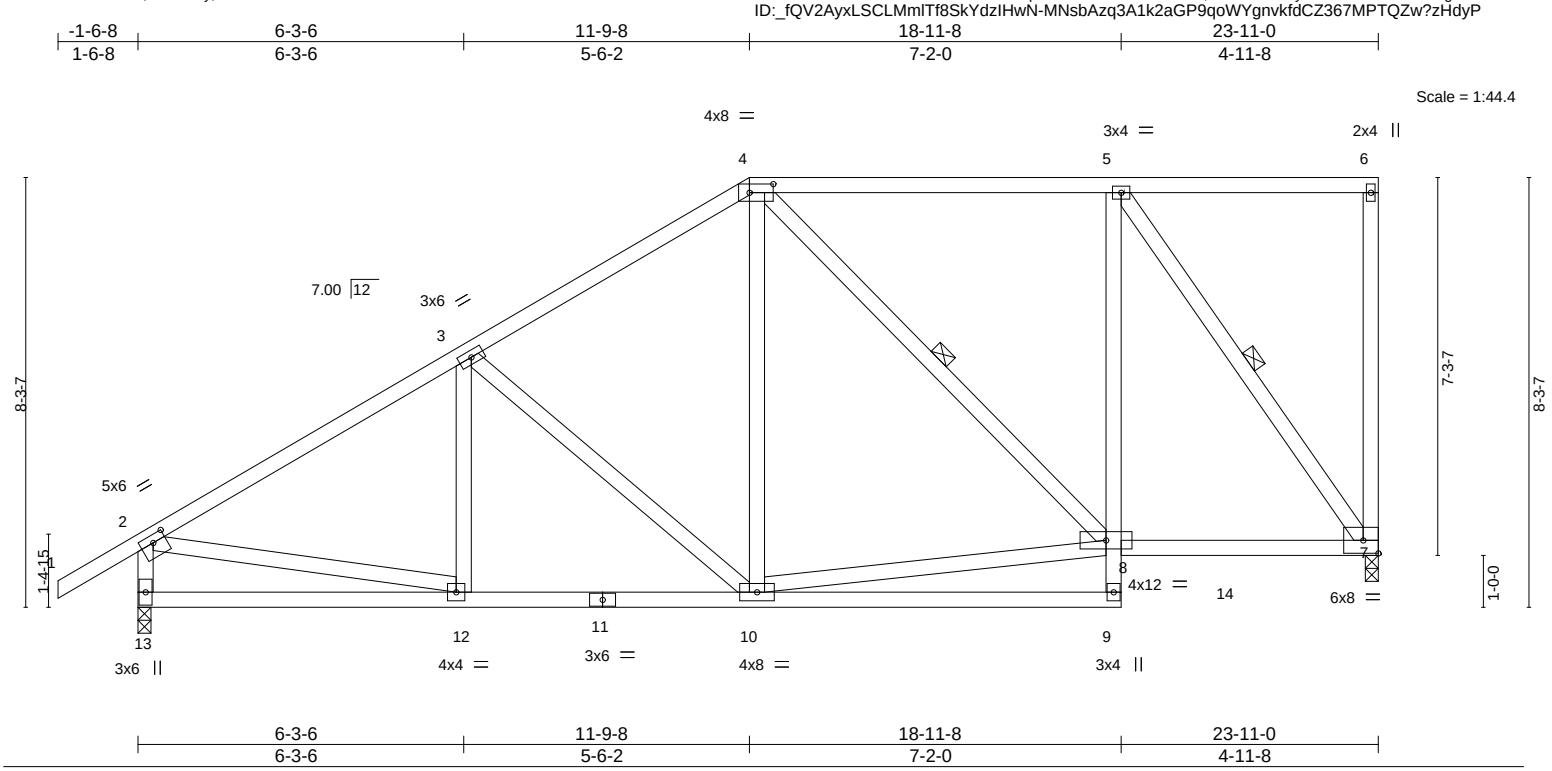


Plate Offsets (X,Y)-- [2:0-3-0,0-1-12], [4:0-5-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.50	Vert(LL)	-0.07	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.15	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 173 lb	FT = 20%

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

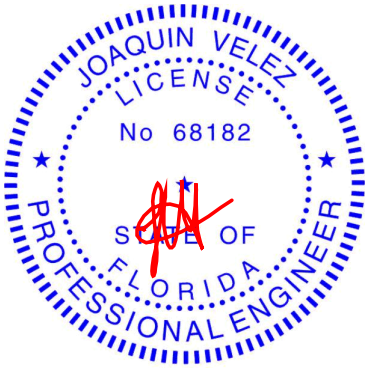
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-4-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-8-4 oc bracing.
WEBS 1 Row at midpt 4-8, 5-7

REACTIONS. (lb/size) 7=871/0-3-0, 13=969/0-3-0
Max Horz 13=361(LC 12)
Max Uplift 7=-394(LC 9), 13=-345(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1086/424, 3-4=-848/398, 4-5=-523/303, 2-13=-908/460
BOT CHORD 12-13=-444/436, 11-12=-593/930, 10-11=-593/930, 5-8=-131/419, 8-14=-300/520, 7-14=-300/520
WEBS 3-10=-403/289, 4-10=-103/329, 8-10=-398/625, 4-8=-279/173, 5-7=-890/515, 2-12=-187/770

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=394, 13=345.

LOAD CASE(S) Standard



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6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T12	Half Hip	1	1	Job Reference (optional)	T20177757

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:28 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-MNsbAzq3A1k2aGP9qoWYgnvjldA43zHMPTQZw?zHdyP

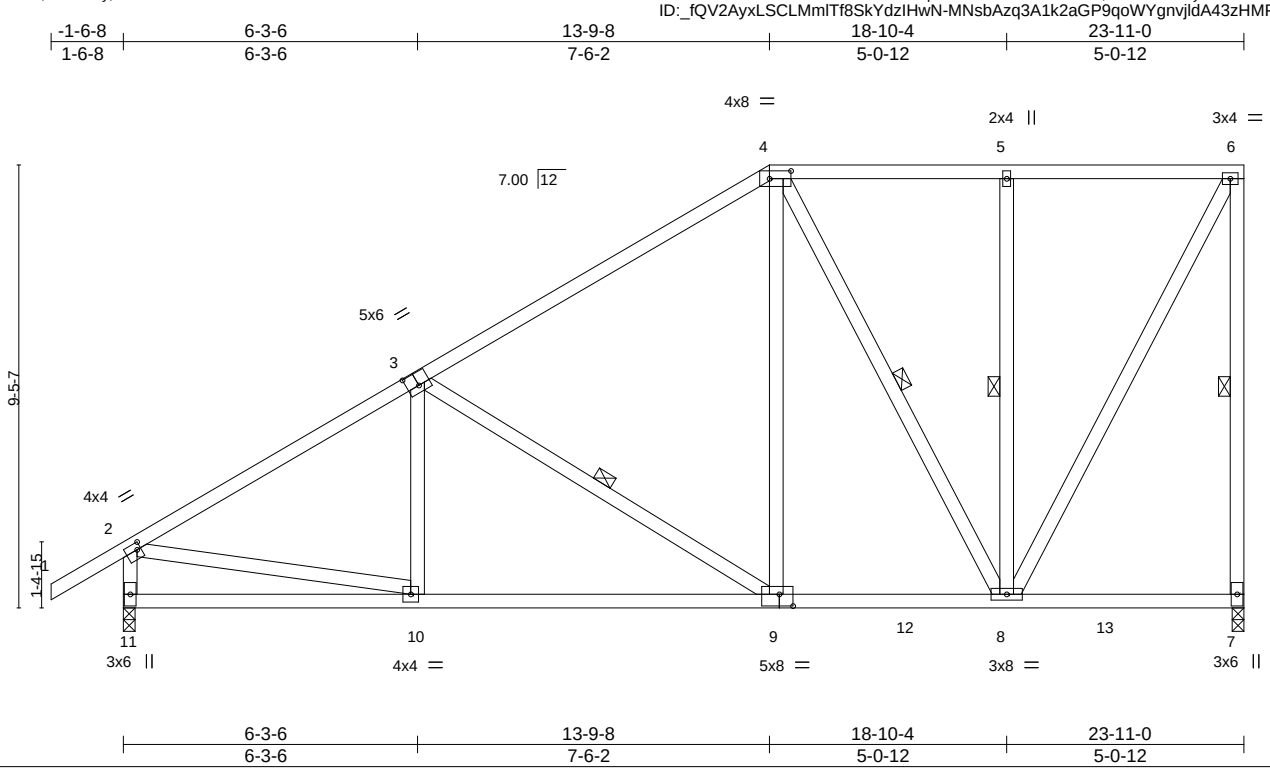


Plate Offsets (X,Y)-- [2:0-1-0,0-1-12], [3:0-3-0,0-3-4], [4:0-5-8,0-2-0], [9:0-3-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	-0.08	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.18	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.98	Horz(CT)	-0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 176 lb	FT = 20%

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

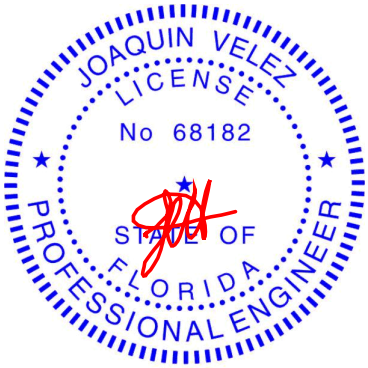
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-5-0 oc bracing.
WEBS 1 Row at midpt 6-7, 3-9, 4-8, 5-8

REACTIONS. (lb/size) 7=871/0-3-0, 11=969/0-3-0
Max Horz 11=419(LC 12)
Max Uplift 7=-383(LC 9), 11=-344(LC 12)
Max Grav 7=884(LC 2), 11=969(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1110/399, 3-4=-763/313, 4-5=-387/228, 5-6=-387/228, 6-7=-825/509, 2-11=-916/434
BOT CHORD 10-11=-465/433, 9-10=-637/1018, 9-12=-354/569, 8-12=-354/569
WEBS 3-9=-542/370, 4-9=-154/435, 4-8=-459/278, 5-8=-314/254, 6-8=-478/809, 2-10=-211/845

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=383, 11=344.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	T20177758
2340302	T13	Half Hip	1	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:28 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-MNsbAzq3A1k2aGP9qoWYgnvlmd7H3?JMPTQZw?zHdyP

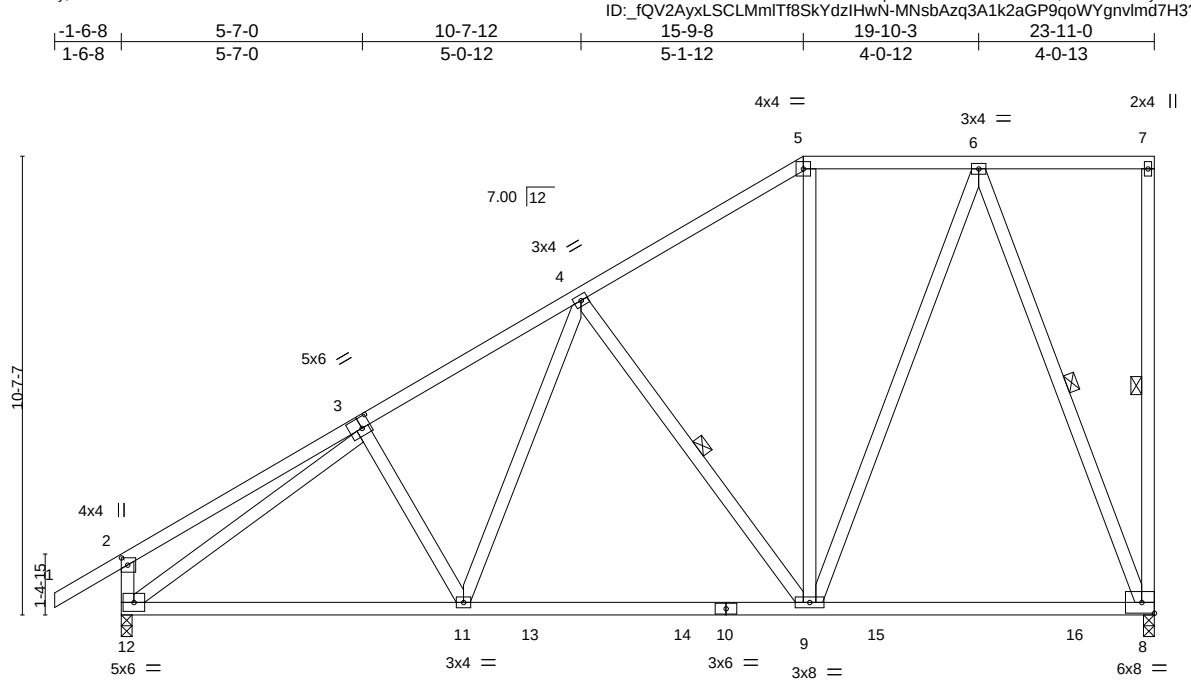


Plate Offsets (X,Y)-- [2:0-2-0,0-1-12], [3:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.43	Vert(LL)	-0.17	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.28	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 182 lb	FT = 20%

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

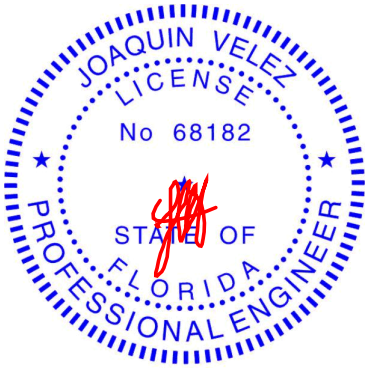
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-3-8 oc bracing.
WEBS 1 Row at midpt 7-8, 4-9, 6-8

REACTIONS. (lb/size) 8=871/0-3-0, 12=969/0-3-0
Max Horz 12=477(LC 12)
Max Uplift 8=-385(LC 12), 12=-337(LC 12)
Max Grav 8=918(LC 2), 12=1000(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-282/208, 3-4=-1066/396, 4-5=-629/266, 5-6=-505/283, 2-12=-355/287
BOT CHORD 11-12=-655/1016, 11-13=-494/813, 13-14=-494/813, 10-14=-494/813, 9-10=-494/813, 9-15=-178/282, 15-16=-178/282, 8-16=-178/282
WEBS 4-11=-166/360, 4-9=-550/387, 6-9=-311/670, 6-8=-775/500, 3-12=-954/204

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=385, 12=337.

LOAD CASE(S) Standard



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Date:
May 11,2020

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T14	Half Hip	1	1	Job Reference (optional)	T20177759

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:29 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-qZQzOJrhxLsvCQ_LOV1nC?Ssr0R_oSsWe796SSzHdyO

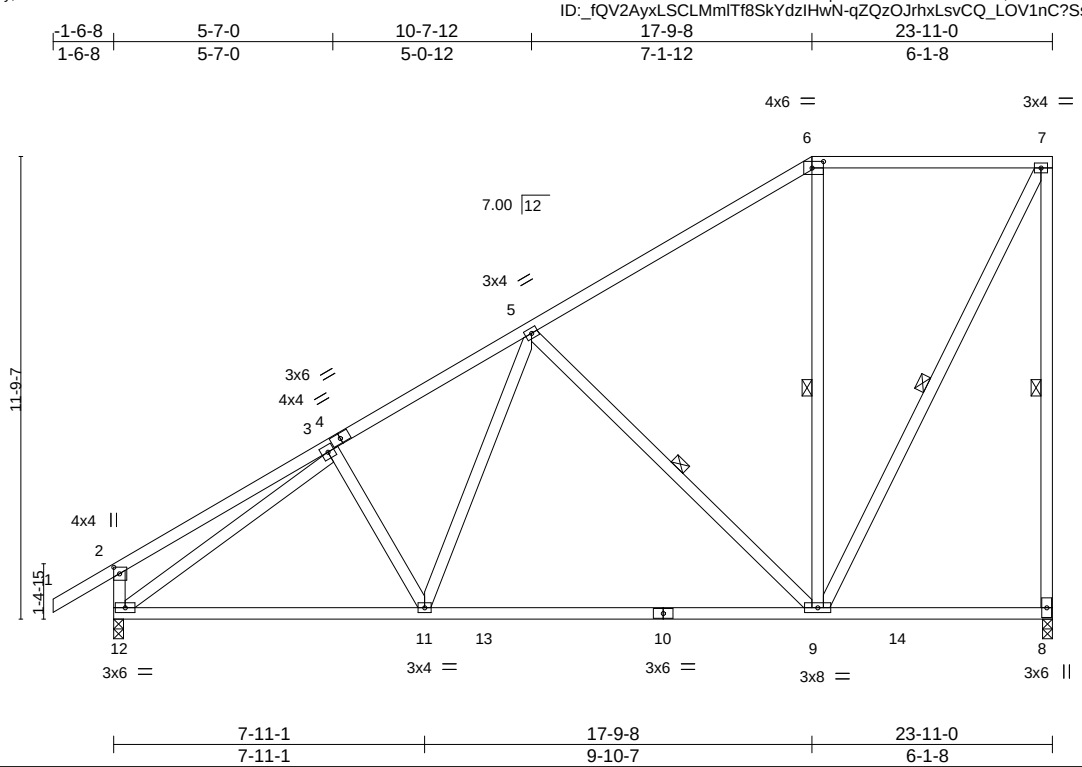


Plate Offsets (X,Y)-- [2:0-2-0,0-1-12], [6:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.67	Vert(LL)	-0.31	9-11	>914	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.87	Vert(CT)	-0.51	9-11	>554	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 174 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
7-9: 2x4 SP No.2

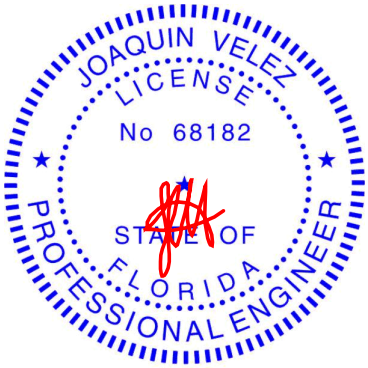
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-1-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-1-0 oc bracing.
WEBS 1 Row at midpt 7-8, 5-9, 6-9, 7-9

REACTIONS. (lb/size) 8=871/0-3-0, 12=969/0-3-0
Max Horz 12=535(LC 12)
Max Uplift 8=-442(LC 12), 12=-323(LC 12)
Max Grav 8=925(LC 2), 12=1016(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-280/217, 3-4=-1107/322, 4-5=-1100/344, 5-6=-522/169, 6-7=-400/223, 7-8=-833/545, 2-12=-357/295
BOT CHORD 11-12=-687/1054, 11-13=-530/860, 10-13=-530/860, 9-10=-530/860
WEBS 5-11=-137/395, 5-9=-653/454, 7-9=-486/879, 3-12=-1012/144

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=442, 12=323.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

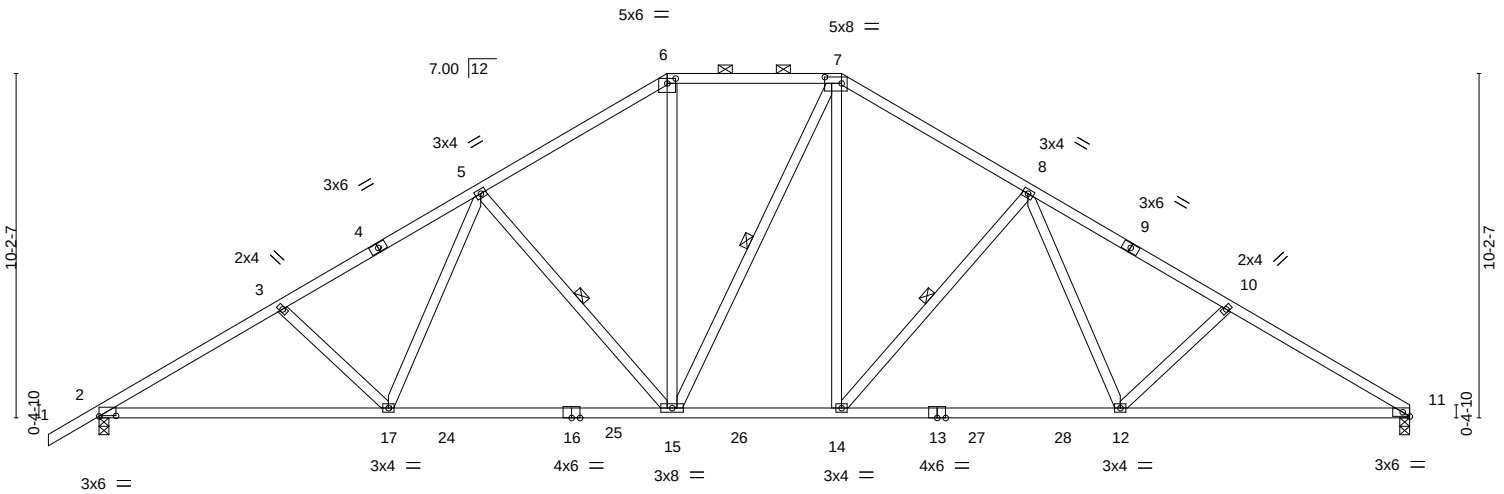
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T15	Piggyback Base	2	1	T20177760
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:29 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-qZQzOJrhxLsvCQ_LOV1nC?SwW0RSoXKWe796SSzHdyO

1-6-0	5-5-4	11-3-12	16-10-0	22-0-0	27-6-4	33-4-12	38-10-0
1-6-0	5-5-4	5-10-8	5-6-4	5-2-0	5-6-4	5-10-8	5-5-4

Scale = 1:68.3



8-6-14	16-10-0	22-0-0	30-3-2	38-10-0
8-6-14	8-3-2	5-2-0	8-3-2	8-6-14

Plate Offsets (X,Y)-- [2:0-6-0,0-0-3], [6:0-3-0,0-1-12], [7:0-6-0,0-2-4], [11:0-2-8,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	0.43	Vert(LL)	-0.25	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.44	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.11	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 229 lb	FT = 20%

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

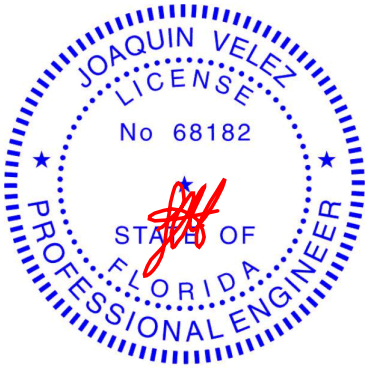
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-2 oc purlins, except 2-0-0 oc purlins (4-6-6 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 6-2-4 oc bracing.
WEBS 1 Row at midpt 5-15, 7-15, 8-14

REACTIONS. (lb/size) 2=1519/0-3-8, 11=1435/0-3-8
Max Horz 2=332(LC 9)
Max Uplift 2=-578(LC 12), 11=-525(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2471/1129, 3-4=-2265/1070, 4-5=-2185/1084, 5-6=-1693/926, 6-7=-1469/860, 7-8=-1699/926, 8-9=-2203/1092, 9-10=-2276/1079, 10-11=-2471/1140
BOT CHORD 2-17=-891/2276, 17-24=-646/1867, 24-25=-646/1867, 16-25=-646/1867, 15-16=-646/1867, 15-26=-398/1415, 14-26=-398/1415, 13-14=-650/1742, 13-27=-650/1742, 27-28=-650/1742, 12-28=-650/1742, 11-12=-903/2099
WEBS 3-17=-353/287, 5-17=-160/500, 5-15=-657/424, 6-15=-261/640, 7-14=-287/733, 8-14=-663/429, 8-12=-171/512, 10-12=-348/295

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=578, 11=525.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

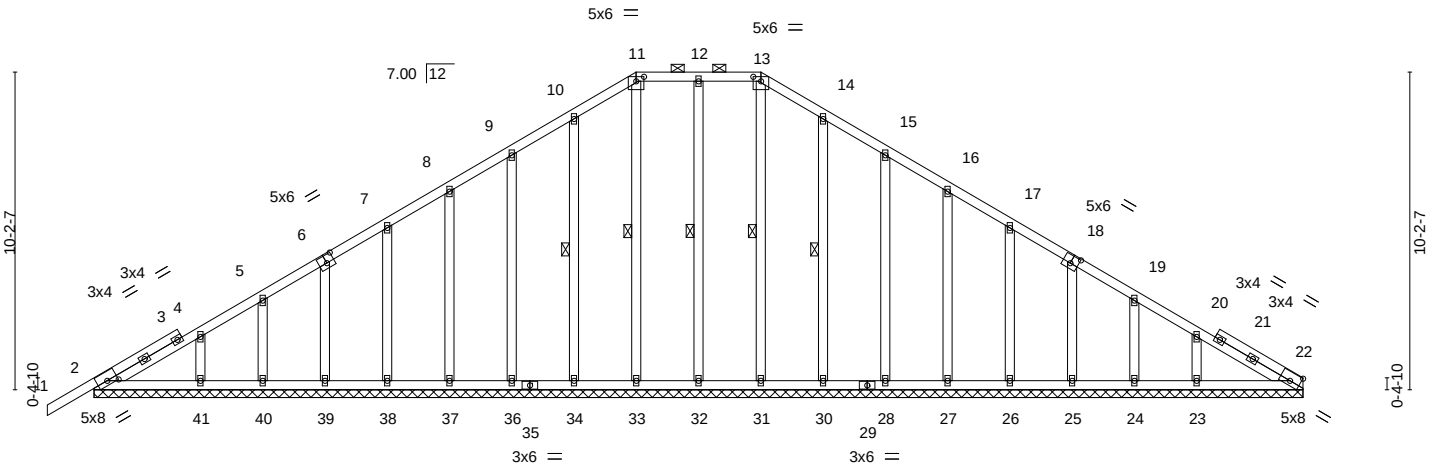
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T15G	GABLE	1	1	Job Reference (optional)	T20177761

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:30 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-ImzMbfsJie_mqaZXxDY0lC_9jQzeX4nfsnvg?uzHdyN

-1-6-0 | 17-4-15 | 21-5-1 | 38-10-0
1-6-0 | 17-4-15 | 4-0-2 | 17-4-15

Scale = 1:74.0



38-10-0
38-10-0

Plate Offsets (X,Y)-- [2:0-4-1,0-1-12], [6:0-3-0,0-3-0], [11:0-3-0,0-1-12], [13:0-3-0,0-1-12], [18:0-3-0,0-3-0], [22:Edge,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	0.15	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	-0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.01	22	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 281 lb	FT = 20%

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

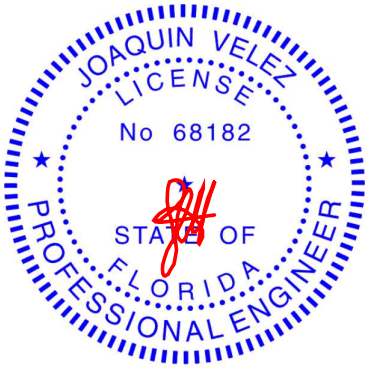
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 11-13.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 12-32, 11-33, 10-34, 13-31, 14-30

REACTIONS. All bearings 38-10-0.
(lb) - Max Horz 2=332(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 2, 32, 33, 31, 24 except 34=-106(LC 12), 36=-106(LC 12), 37=-104(LC 12), 38=-105(LC 12), 39=-104(LC 12), 40=-104(LC 12), 41=-109(LC 12), 30=-104(LC 13), 28=-107(LC 13), 27=-104(LC 13), 26=-105(LC 13), 25=-106(LC 13), 23=-138(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 32, 33, 34, 36, 37, 38, 39, 40, 41, 31, 30, 28, 27, 26, 25, 24, 22 except 23=251(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-275/238, 3-4=-267/251, 9-10=-219/284, 10-11=-273/322, 11-12=-251/302, 12-13=-251/302, 13-14=-273/322, 14-15=-219/259

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 32, 33, 31, 24 except (jt=lb) 34=106, 36=106, 37=104, 38=105, 39=104, 40=104, 41=109, 30=104, 28=107, 27=104, 26=105, 25=106, 23=138.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

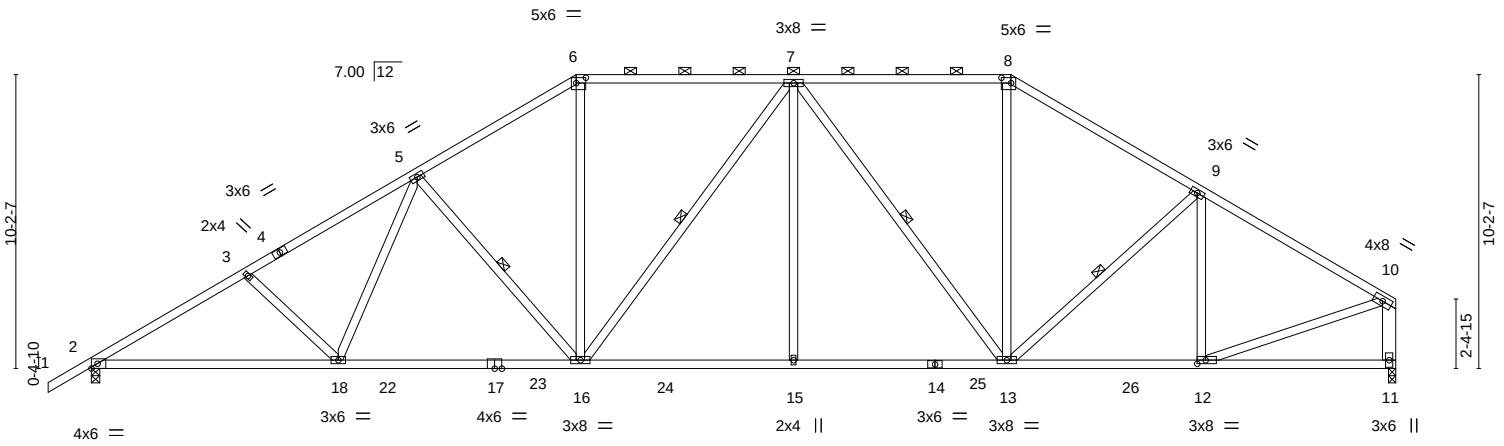
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T16	Piggyback Base	6	1	T20177762
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:31 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-myXkp?txTy6dRk8jVw3FHQXBwq75GP8o5ReDXKzHdyM

-1-6-0	5-5-4	11-3-12	16-10-0	24-4-9	31-11-3	38-6-8	45-3-8
1-6-0	5-5-4	5-10-8	5-6-4	7-6-9	7-6-9	6-7-5	6-9-0

Scale = 1:80.0



8-6-14	16-10-0	24-4-9	31-11-3	38-6-8	45-3-8
8-6-14	8-3-2	7-6-9	7-6-9	6-7-5	6-9-0

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

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	0.76	Vert(LL)	-0.27	16-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.46	16-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.13	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 289 lb	FT = 20%

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

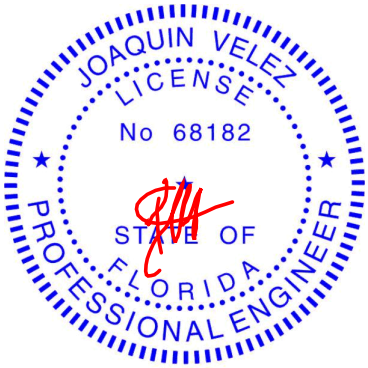
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-3-3 oc purlins, except end verticals, and 2-0-0 oc purlins (3-3-12 max.): 6-8.
BOT CHORD Rigid ceiling directly applied or 5-5-1 oc bracing.
WEBS 1 Row at midpt 5-16, 7-16, 7-13, 9-13

REACTIONS. (lb/size) 2=1750/0-3-8, 11=1666/0-3-0
Max Horz 2=324(LC 9)
Max Uplift 2=-634(LC 12), 11=-532(LC 13)
Max Grav 2=1750(LC 1), 11=1675(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2934/1354, 3-4=-2769/1287, 4-5=-2706/1310, 5-6=-2222/1154, 6-7=-1872/1060, 7-8=-1655/966, 8-9=-1987/1034, 9-10=-1951/909, 10-11=-1616/783
BOT CHORD 2-18=-1186/2555, 18-22=-943/2181, 22-23=-943/2181, 17-23=-943/2181, 16-17=-943/2181, 16-24=-770/2032, 15-24=-770/2032, 15-25=-770/2032, 14-25=-770/2032, 13-14=-770/2032, 13-26=-693/1629, 12-26=-693/1629
WEBS 3-18=-351/286, 5-18=-160/488, 5-16=-649/423, 6-16=-344/836, 7-16=-388/321, 7-15=0/409, 7-13=-707/371, 8-13=-264/688, 9-13=-255/238, 9-12=-388/268, 10-12=-690/1660

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=634, 11=532.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

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6904 Parke East Blvd.
Tampa, FL 36610

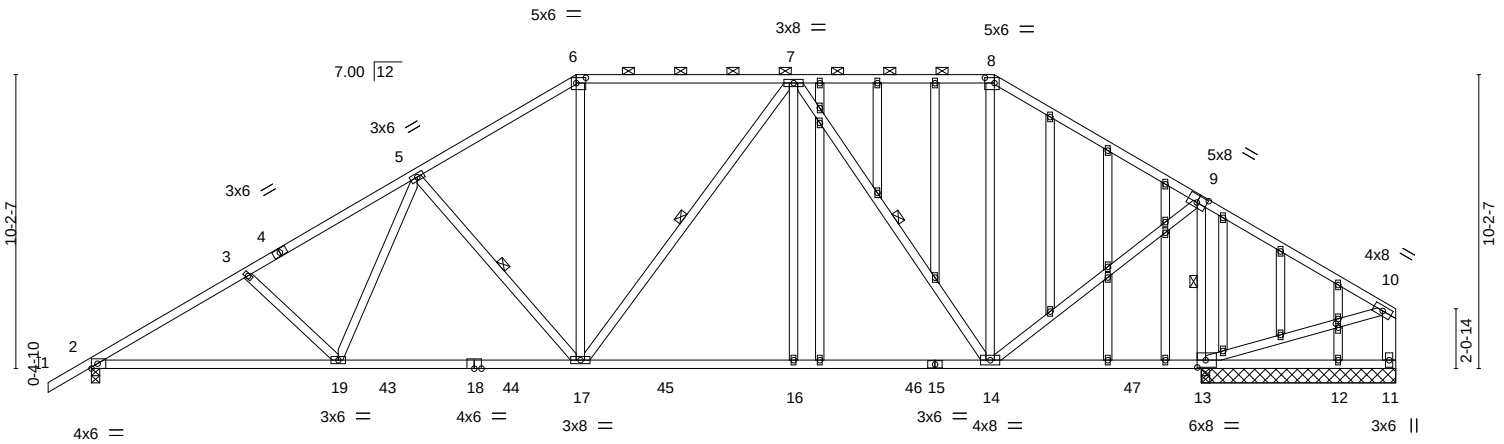
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T16G	Piggyback Base	1	1	Job Reference (optional)	T20177763

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:32 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-E8560LuaEGEU3ujw3eaUqd3NLEUy?pNyK5Om3mzHdyL

-1-6-0	5-5-4	11-3-12	16-10-0	24-4-9	31-4-4	38-6-8	45-3-8
1-6-0	5-5-4	5-10-8	5-6-4	7-6-9	6-11-11	7-2-4	6-9-0

Scale = 1:80.0



8-6-14	16-10-0	24-4-9	31-4-4	38-6-8	45-3-8
8-6-14	8-3-2	7-6-9	6-11-11	7-2-4	6-9-0

Plate Offsets (X,Y)-- [6:0-4-0,0-2-4], [8:0-4-0,0-2-4], [9:0-4-0,0-3-0], [13:0-3-8,0-3-0], [21:0-1-10,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.21	17-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.79	Vert(CT)	-0.36	17-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.07	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 363 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-8-4 oc purlins, except end verticals, and 2-0-0 oc purlins (4-2-11 max.): 6-8.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-17, 7-17, 7-14, 9-13

REACTIONS. All bearings 6-9-0 except (jt=length) 2=0-3-8.
(lb) - Max Horz 2=325(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-543(LC 12), 13=-639(LC 13), 11=-390(LC 25)
Max Grav All reactions 250 lb or less at joint(s) 11, 12 except 2=1433(LC 1), 13=2243(LC 2), 13=2170(LC 1)

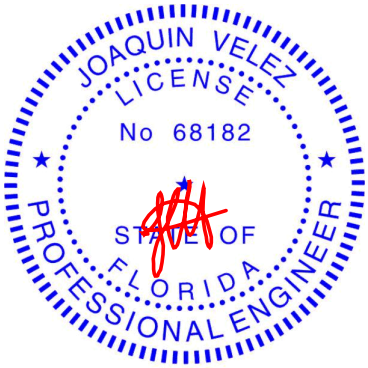
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-2303/1060, 3-4=-2126/991, 4-5=-2062/1014, 5-6=-1571/854, 6-7=-1306/799, 7-8=-665/505, 8-9=-849/500, 9-10=-261/641, 10-11=-178/402
BOT CHORD	2-19=-917/2083, 19-43=-670/1672, 18-43=-670/1672, 18-44=-670/1672, 17-44=-670/1672, 17-45=-449/1215, 16-45=-449/1215, 16-46=-449/1215, 15-46=-449/1215, 14-15=-449/1215, 14-47=-479/276, 13-47=-479/276
WEBS	3-19=-358/288, 5-19=-163/495, 5-17=-651/424, 6-17=-189/503, 7-17=-185/339, 7-16=0/391, 7-14=-1015/442, 9-14=-517/1414, 9-13=-1889/996, 10-13=-535/349

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 543 lb uplift at joint 2, 639 lb uplift at joint 13 and 390 lb uplift at joint 11.

Continued on page 2



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Date:
May 11,2020

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NOTES-

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

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T17	Piggyback Base	4	1	Job Reference (optional)	T20177764

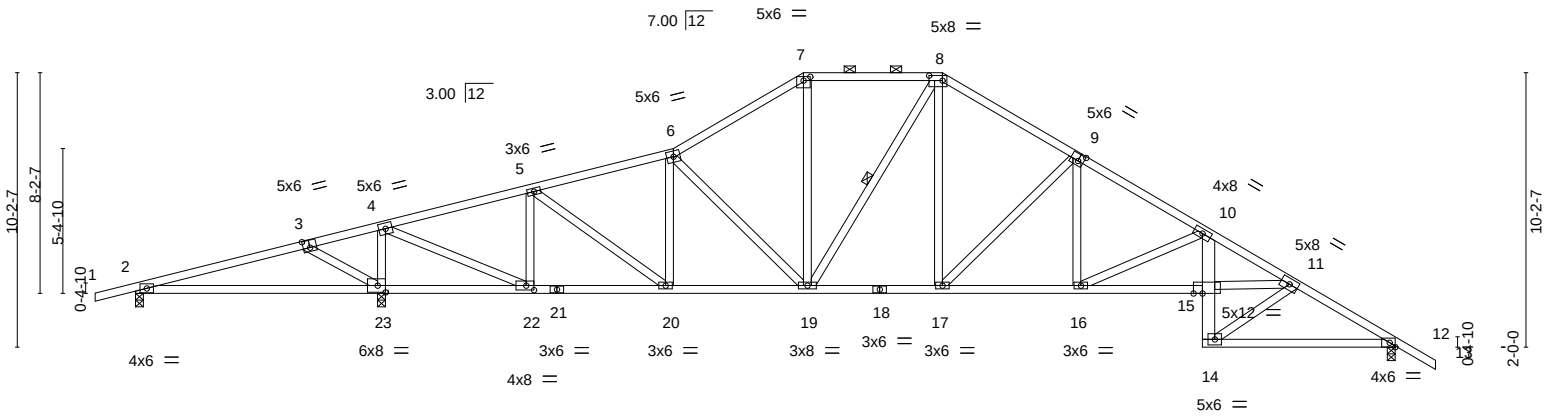
Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:33 2020 Page 1

ID:_fQV2AyxLSCLMmITf8SkYdzIHwN-jLfUEhuC?ZMLh1I6dL5jMrcYgeodkF95ZI7KcDzHdyK

-1-6-0	6-5-0	9-1-12	14-8-0	20-0-0	24-10-0	30-0-0	35-0-0	39-8-0	43-0-8	46-10-0	48-4-0
1-6-0	6-5-0	2-8-12	5-6-4	5-4-0	4-10-0	5-2-0	5-0-0	4-8-0	3-4-8	3-9-8	1-6-0

Scale = 1:85.7



9-1-12	14-8-0	20-0-0	24-10-0	30-0-0	35-0-0	39-8-0	46-10-0
9-1-12	5-6-4	5-4-0	4-10-0	5-2-0	5-0-0	4-8-0	7-2-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [7:0-3-0,0-1-12], [8:0-6-0,0-2-4], [9:0-2-8,0-3-0], [15:0-4-0,0-0-0], [22:0-3-8,0-2-0], [23:0-3-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.68	Vert(LL)	0.27	23-26	>400	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.46	15-16	>978	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.21	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 277 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 10-14: 2x6 SP No.2
WEBS	2x4 SP No.3 *Except* 11-15: 2x4 SP No.2

BRACING-

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

REACTIONS. (lb/size) 2=90/0-3-8, 12=1395/0-3-8, 23=2142/0-3-8
Max Horz 2=323(LC 11)
Max Uplift 2=-286(LC 8), 12=-568(LC 13), 23=-817(LC 12)
Max Grav 2=165(LC 23), 12=1395(LC 1), 23=2142(LC 1)

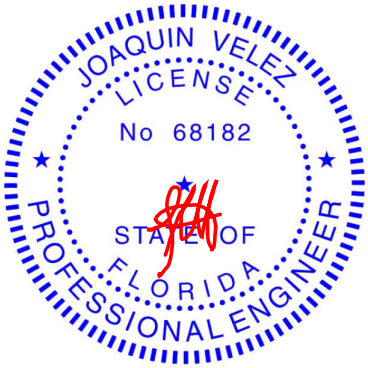
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-221/877, 3-4=-409/1218, 4-5=-1155/657, 5-6=-1785/965, 6-7=-1676/917, 7-8=-1402/855, 8-9=-1774/946, 9-10=-2503/1187, 10-11=-3854/1723, 11-12=-2266/1075
BOT CHORD	2-23=-906/422, 22-23=-1176/605, 21-22=-377/1088, 20-21=-377/1088, 19-20=-600/1703, 18-19=-379/1478, 17-18=-379/1478, 16-17=-737/2128, 15-16=-1416/3559, 14-15=-465/1163, 10-15=-418/1122, 12-14=-822/1913
WEBS	3-23=-443/465, 4-23=-1705/796, 4-22=-1061/2465, 5-22=-908/519, 5-20=-278/747, 6-20=-327/176, 6-19=-478/359, 7-19=-252/554, 8-19=-279/138, 8-17=-310/785, 9-17=-968/497, 9-16=-249/697, 10-16=-1575/745, 11-15=-1200/3017, 11-14=-1967/864

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 2, 568 lb uplift at joint 12 and 817 lb uplift at joint 23.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard



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Date:
May 11,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T18	Piggyback Base	2	1	Job Reference (optional)	T20177765

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:34 2020 Page 1

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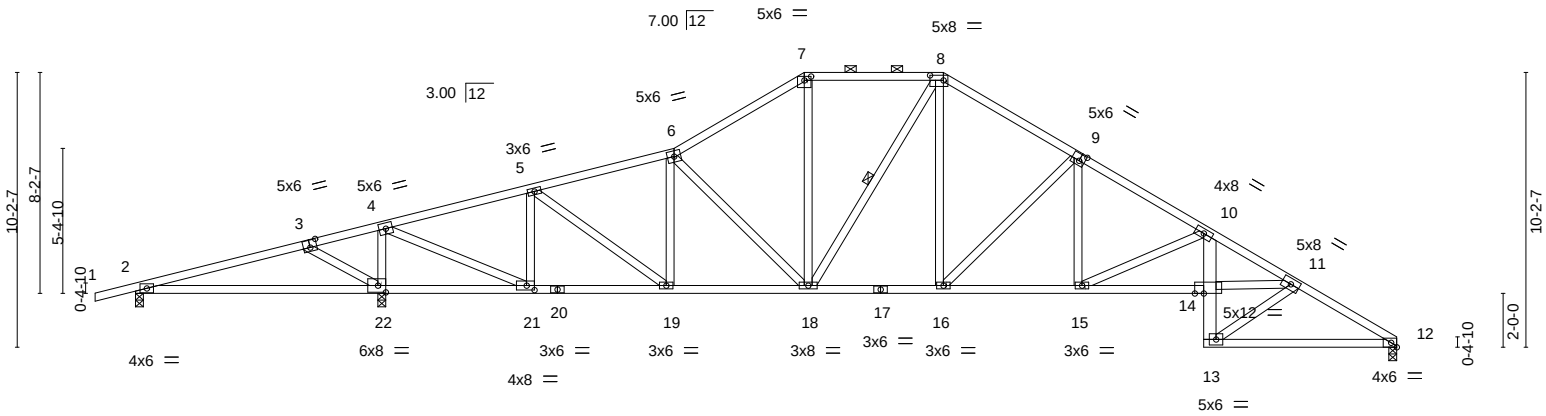
-1-6-0	6-5-0	9-1-12	14-8-0	20-0-0	24-10-0	30-0-0	35-0-0	39-8-0	43-0-8	46-10-0
1-6-0	6-5-0	2-8-12	5-6-4	5-4-0	4-10-0	5-2-0	5-0-0	4-8-0	3-4-8	3-9-8

Scale = 1:85.6



9-1-12	14-8-0	20-0-0	24-10-0	30-0-0	35-0-0	39-8-0	46-10-0
9-1-12	5-6-4	5-4-0	4-10-0	5-2-0	5-0-0	4-8-0	7-2-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [7:0-3-0,0-1-12], [8:0-6-0,0-2-4], [9:0-2-8,0-3-0], [14:0-4-0,0-0-0], [21:0-3-8,0-2-0], [22:0-3-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.68	Vert(LL)	0.27	22-25	>400	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.90	Vert(CT)	-0.46	14-15	>973	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.21	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 275 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 10-13: 2x6 SP No.2
WEBS	2x4 SP No.3 *Except* 11-14: 2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-9-1 oc purlins, except 2-0-0 oc purlins (4-6-3 max.): 7-8.
BOT CHORD	Rigid ceiling directly applied or 4-10-2 oc bracing.
WEBS	1 Row at midpt 8-18

REACTIONS. (lb/size) 2=89/0-3-8, 12=1313/0-3-8, 22=2145/0-3-8
Max Horz 2=314(LC 11)
Max Uplift 2=-282(LC 8), 12=-511(LC 13), 22=-824(LC 12)
Max Grav 2=164(LC 23), 12=1313(LC 1), 22=2145(LC 1)

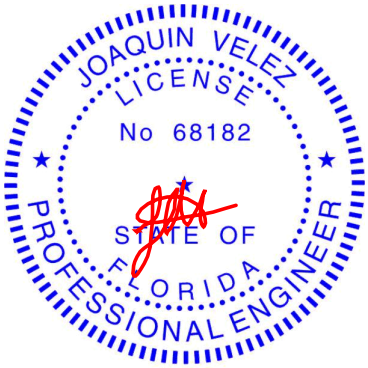
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-238/881, 3-4=-441/1223, 4-5=-1156/633, 5-6=-1787/957, 6-7=-1679/919, 7-8=-1405/856, 8-9=-1779/951, 9-10=-2512/1201, 10-11=-3886/1765, 11-12=-2290/1087
BOT CHORD	2-22=-909/418, 21-22=-1180/601, 20-21=-394/1088, 19-20=-394/1088, 18-19=-632/1705, 17-18=-419/1482, 16-17=-419/1482, 15-16=-784/2136, 14-15=-1492/3582, 13-14=-496/1181, 10-14=-448/1139, 12-13=-872/1939
WEBS	3-22=-443/467, 4-22=-1708/808, 4-21=-1081/2469, 5-21=-910/528, 5-19=-288/750, 6-19=-328/182, 6-18=-478/347, 7-18=-253/555, 8-18=-282/144, 8-16=-318/790, 9-16=-960/508, 9-15=-261/703, 10-15=-1591/777, 11-14=-1261/3030, 11-13=-1993/915

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 282 lb uplift at joint 2, 511 lb uplift at joint 12 and 824 lb uplift at joint 22.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard



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Date:
May 11,2020

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6904 Parke East Blvd.
Tampa, FL 36610

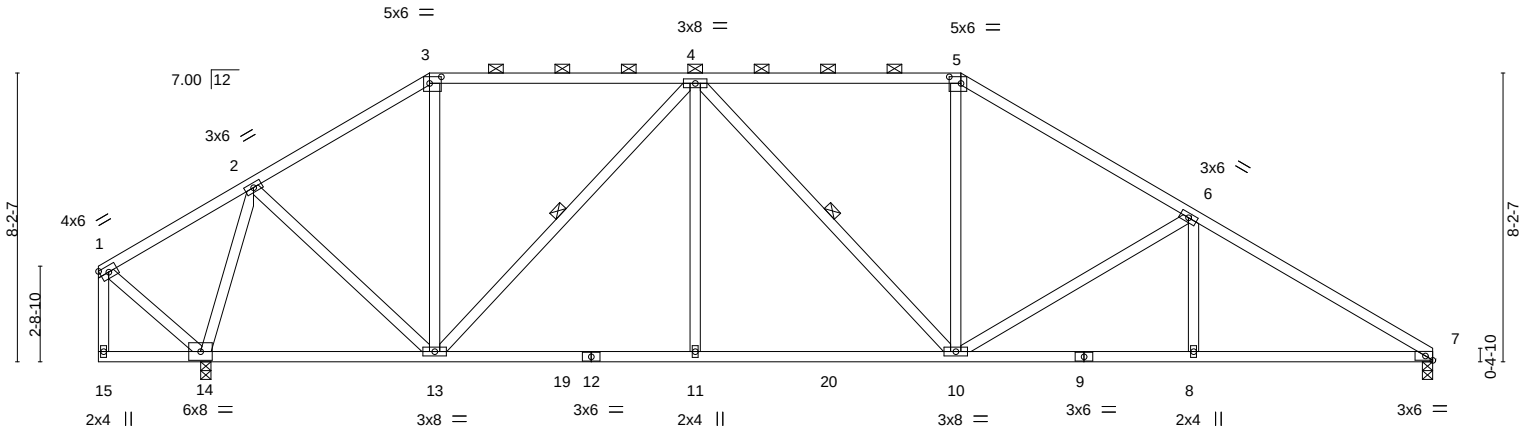
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T19	Piggyback Base	10	1	T20177766
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:34 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-BXDsR1vqmtUCIBtIA3dyv29ij1B5TkmFnPtt8fzHdyJ

4-4-14	9-4-14	16-11-7	24-6-1	31-1-6	37-10-14
4-4-14	5-0-0	7-6-9	7-6-9	6-7-5	6-9-8

Scale = 1:65.5



3-0-10	9-4-14	16-11-7	24-6-1	31-1-6	37-10-14
3-0-10	6-4-4	7-6-9	7-6-9	6-7-5	6-9-8

Plate Offsets (X,Y)-- [3:0-4-0,0-2-4], [5:0-4-0,0-2-4], [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	0.72	Vert(LL)	0.20	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.68	Vert(CT)	-0.24	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.79	Horz(CT)	0.07	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 226 lb	FT = 20%

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

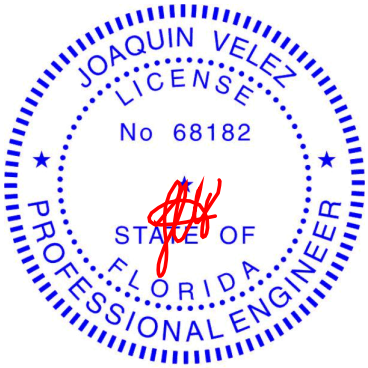
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-6 oc purlins, except end verticals, and 2-0-0 oc purlins (4-1-14 max.): 3-5.
BOT CHORD Rigid ceiling directly applied or 4-0-0 oc bracing.
WEBS 1 Row at midpt 4-13, 4-10

REACTIONS. (lb/size) 7=1282/0-3-8, 14=1512/0-3-8
Max Horz 14=-241(LC 8)
Max Uplift 7=-737(LC 8), 14=-710(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1059/1200, 3-4=-857/1099, 4-5=-1359/1640, 5-6=-1665/1807, 6-7=-2173/2248
BOT CHORD 13-14=-255/400, 13-19=-1306/1433, 12-19=-1306/1433, 11-12=-1306/1433, 11-20=-1306/1433, 10-20=-1306/1433, 9-10=-1845/1812, 8-9=-1845/1812, 7-8=-1845/1812
WEBS 2-14=-1386/1383, 2-13=-743/761, 3-13=-372/289, 4-13=-865/842, 4-11=-289/405, 4-10=-255/258, 5-10=-654/502, 6-10=-611/681, 6-8=-279/275

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 737 lb uplift at joint 7 and 710 lb uplift at joint 14.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard



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MiTek USA, Inc. FL Cert 6634
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Date:
May 11,2020

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Tampa, FL 36610

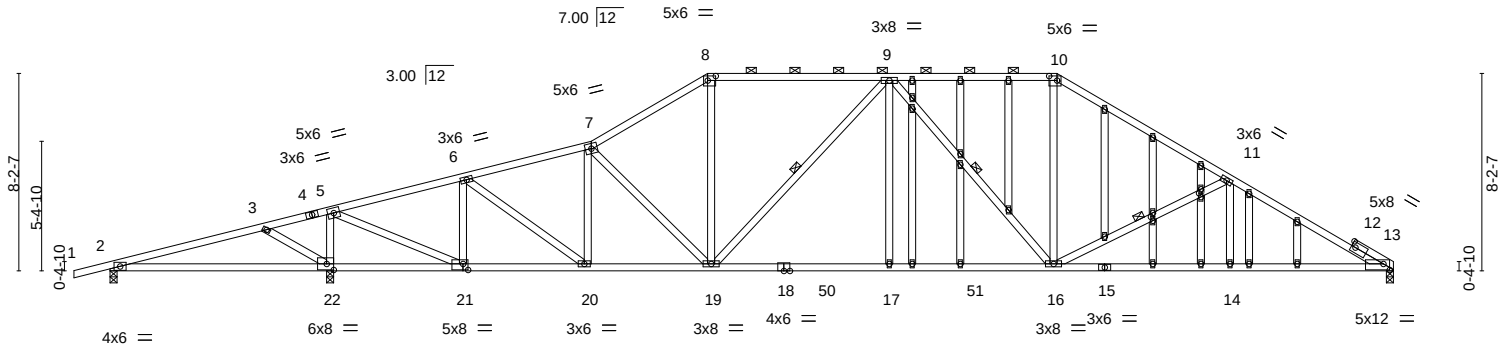
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T19G	GABLE	1	1	T20177767
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:36 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-fjnFeNwSWBc3wLRVkm8BSGhqeRUXCBoO03cQg4zHdyl

-1-6-0	6-6-0	9-1-12	14-8-0	20-0-0	24-10-0	32-4-9	39-4-4	46-6-8	53-4-0
1-6-0	6-6-0	2-7-12	5-6-4	5-4-0	4-10-0	7-6-9	6-11-11	7-2-4	6-9-8

Scale: 1/8"=1'



9-1-12	14-8-0	20-0-0	24-10-0	32-4-9	39-4-4	46-6-8	53-4-0
9-1-12	5-6-4	5-4-0	4-10-0	7-6-9	6-11-11	7-2-4	6-9-8

Plate Offsets (X,Y)-- [8:0-4-0,0-2-4], [10:0-4-0,0-2-4], [13:0-3-2,0-3-0], [21:0-2-8,0-3-0], [22:0-3-8,0-3-0], [29:0-1-15,0-1-0], [32:0-1-15,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.90	Vert(LL)	0.27	22-49	>407	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.86	Vert(CT)	-0.45	17-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.80	Horz(CT)	0.10	13	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 357 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 10-13: 2x4 SP M 31
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 5-21: 2x4 SP No.2
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (3-0-12 max.): 8-10.
BOT CHORD	Rigid ceiling directly applied or 4-11-6 oc bracing.
WEBS	1 Row at midpt 9-19, 9-16, 11-16

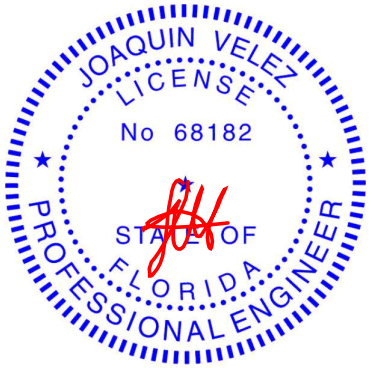
REACTIONS. (lb/size) 13=1560/0-3-8, 2=90/0-3-8, 22=2367/0-3-8
Max Horz 2=277(LC 9)
Max Uplift 13=-528(LC 13), 2=-248(LC 8), 22=-962(LC 8)
Max Grav 13=1560(LC 1), 2=124(LC 23), 22=2367(LC 1)

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

TOP CHORD	2-3=-272/864, 3-4=-532/1187, 4-5=-528/1221, 5-6=-1497/765, 6-7=-2273/1187, 7-8=-2197/1173, 8-9=-1860/1080, 9-10=-1863/1068, 10-11=-2257/1145, 11-12=-2862/1350, 12-13=-2681/1228
BOT CHORD	2-22=-806/302, 21-22=-1176/589, 20-21=-619/1419, 19-20=-954/2180, 18-19=-845/2124, 18-50=-845/2124, 17-50=-845/2124, 17-51=-845/2124, 16-51=-845/2124, 15-16=-1102/2476, 14-15=-1102/2476, 13-14=-1102/2476
WEBS	3-22=-448/476, 5-22=-1940/963, 5-21=-1313/2825, 6-21=-1048/620, 6-20=-405/923, 7-20=-440/247, 7-19=-490/349, 8-19=-345/781, 9-19=-556/244, 9-17=0/389, 9-16=-569/338, 10-16=-323/786, 11-16=-799/477, 11-14=0/301

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.



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NOTES-

9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 528 lb uplift at joint 13, 248 lb uplift at joint 2 and 962 lb uplift at joint 22.

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

LOAD CASE(S) Standard

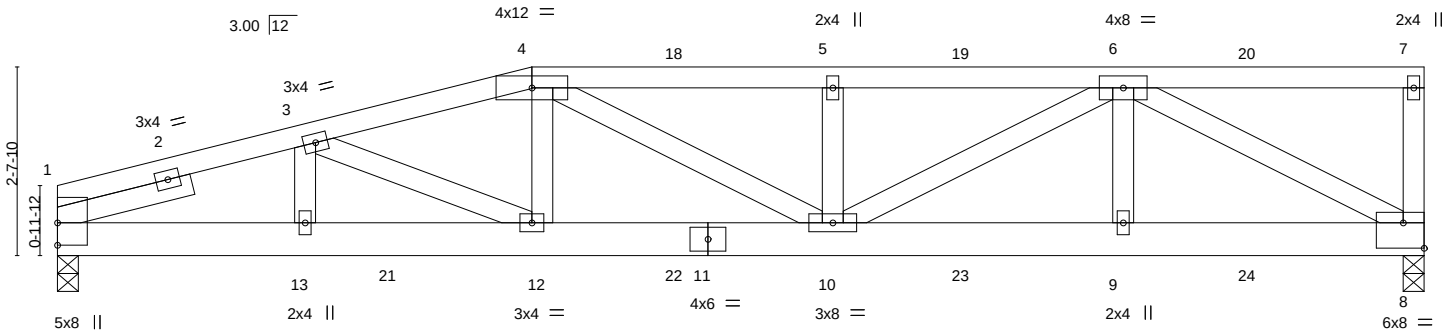
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T20	Half Hip Girder	1	2	Job Reference (optional)	T20177768

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:37 2020 Page 1
ID:_fQV2AyxLSCLMmITf8SkYdzIHwN-b6v?32xi2osm9fbtsBAfXhnGjFBxgBDhTN5Xl_zHdyG

3-5-8	6-7-8	10-9-15	14-10-9	19-1-0
3-5-8	3-2-0	4-2-7	4-0-11	4-2-7

Scale: 3/8"=1'



3-5-8	6-7-8	10-9-15	14-10-9	19-1-0
3-5-8	3-2-0	4-2-7	4-0-11	4-2-7

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	0.17	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.16	10-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.42	Horz(CT)	-0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 225 lb	FT = 20%

LUMBER-

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

BRACING-

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

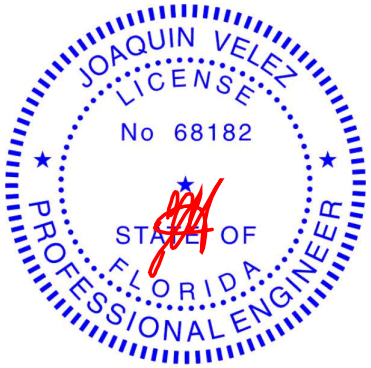
REACTIONS. (lb/size) 1=1823/0-3-8, 8=2189/0-3-8
Max Horz 1=83(LC 30)
Max Uplift 1=-1524(LC 4), 8=-1864(LC 4)

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

TOP CHORD	1-2=-1217/1026, 2-3=-3704/3120, 3-4=-4320/3652, 4-18=-4268/3638, 5-18=-4268/3638, 5-19=-4268/3638, 6-19=-4268/3638, 7-8=-498/418
BOT CHORD	1-13=-3017/3512, 13-21=-3017/3512, 12-21=-3017/3512, 12-22=-3599/4216, 11-22=-3599/4216, 10-11=-3599/4216, 10-23=-2538/2980, 9-23=-2538/2980, 9-24=-2538/2980, 8-24=-2538/2980
WEBS	3-12=-667/839, 4-12=-289/346, 5-10=-805/670, 6-10=-1259/1474, 6-8=-3334/2841

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; 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
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 1524 lb uplift at joint 1 and 1864 lb uplift at joint 8.



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NOTES-

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 295 lb down and 280 lb up at 6-7-8, 276 lb down and 280 lb up at 8-8-4, 276 lb down and 280 lb up at 10-8-4, 276 lb down and 280 lb up at 12-8-4, 276 lb down and 280 lb up at 14-8-4, and 276 lb down and 280 lb up at 16-8-4, and 297 lb down and 280 lb up at 18-11-4 on top chord, and 654 lb down and 592 lb up at 4-8-4, 62 lb down and 25 lb up at 6-8-4, 62 lb down and 25 lb up at 8-8-4, 62 lb down and 25 lb up at 10-8-4, 62 lb down and 25 lb up at 12-8-4, 62 lb down and 25 lb up at 14-8-4, and 62 lb down and 25 lb up at 16-8-4, and 56 lb down and 25 lb up at 18-11-4 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, 4-7=-54, 8-14=-20
   Concentrated Loads (lb)
   Vert: 4=-276(F) 7=-297(F) 8=-3(F) 5=-276(F) 6=-276(F) 18=-276(F) 19=-276(F) 20=-276(F) 21=-654(F)

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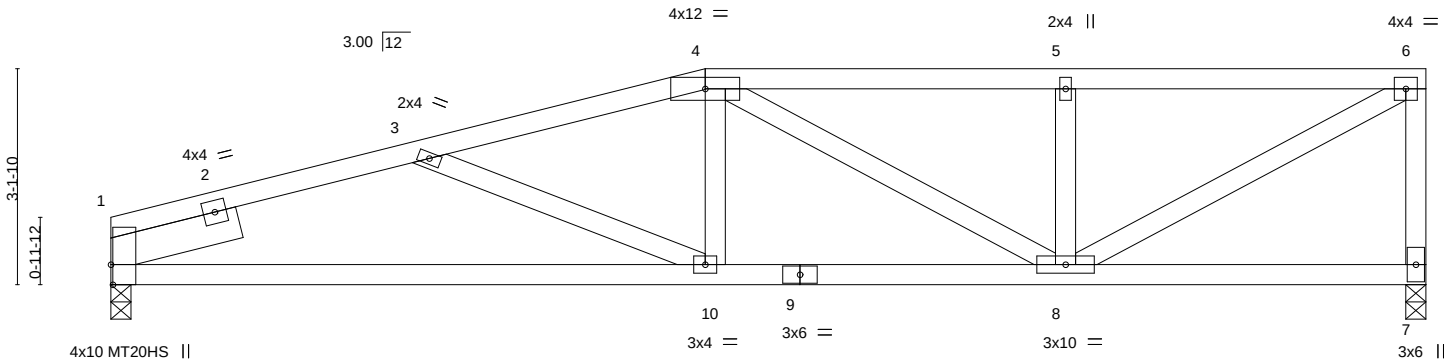
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T21	Half Hip	1	1	T20177769
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:38 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-3ISNHOyKp6_dnpA4Puhu3uJPCfY1PWeqi1r5HQzHdyF

4-7-7	8-7-8	13-10-4	19-1-0
4-7-7	4-0-1	5-2-12	5-2-12

Scale = 1:33.4



8-7-8	13-10-4	19-1-0
8-7-8	5-2-12	5-2-12

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.69	Vert(LL)	0.24	10-13	>950	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.75	Vert(CT)	-0.21	10-13	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.92	Horz(CT)	-0.03	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 96 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-9-14 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 3-9-2 oc bracing.

REACTIONS. (lb/size) 1=701/0-3-8, 7=701/0-3-8
Max Horz 1=107(LC 8)
Max Uplift 1=-549(LC 8), 7=-569(LC 8)

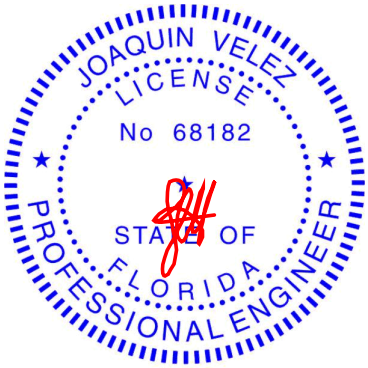
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-1343/1734, 3-4=-1244/1697, 4-5=-978/1316, 5-6=-978/1316, 6-7=-652/813
BOT CHORD	1-10=-1731/1259, 9-10=-1699/1201, 8-9=-1699/1201
WEBS	4-10=-388/258, 4-8=-254/435, 5-8=-317/240, 6-8=-1468/1092

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 549 lb uplift at joint 1 and 569 lb uplift at joint 7.

LOAD CASE(S) Standard



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Tampa, FL 36610

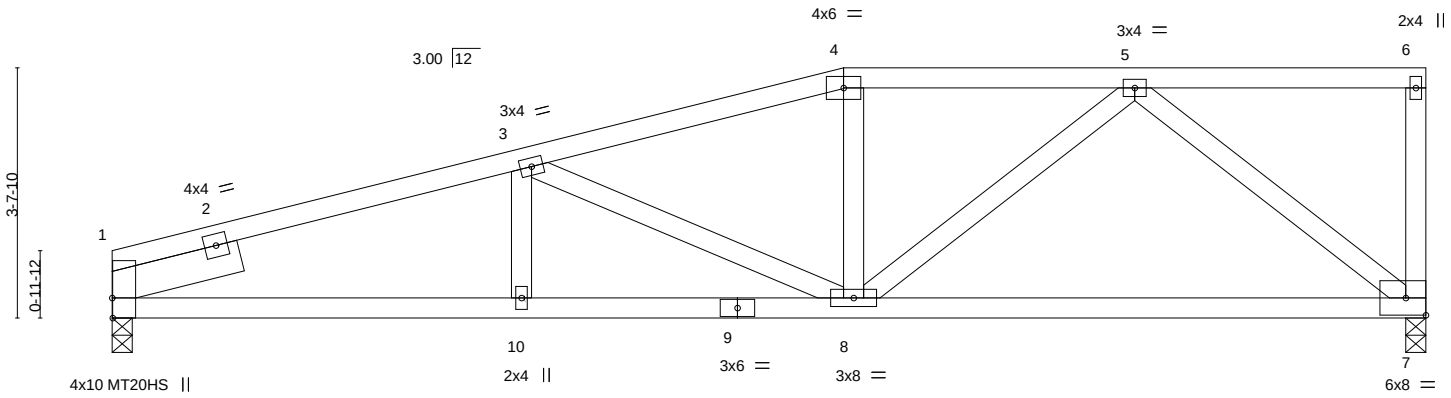
Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T22	Half Hip	1	1	T20177770
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:38 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-3ISNHOyKp6_dnpA4Puhu3uJMhfYDPdsqi1r5HQzHdyF

5-11-6	10-7-8	14-10-4	19-1-0
5-11-6	4-8-2	4-2-12	4-2-12

Scale = 1:33.5



5-11-6	10-7-8	19-1-0
5-11-6	4-8-2	8-5-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.85	Vert(LL)	0.31	7-8	>726	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.28	7-8	>817	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.46	Horz(CT)	-0.03	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 96 lb	FT = 20%

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

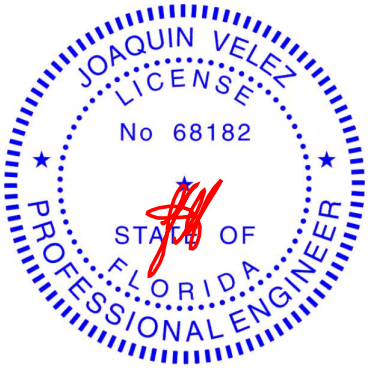
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-7-12 oc bracing.

REACTIONS. (lb/size) 1=701/0-3-8, 7=701/0-3-8
Max Horz 1=132(LC 12)
Max Uplift 1=-545(LC 8), 7=-573(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1366/1807, 3-4=-1075/1466, 4-5=-1023/1461
BOT CHORD 1-10=-1825/1284, 9-10=-1825/1284, 8-9=-1825/1284, 7-8=-866/672
WEBS 3-8=-287/405, 5-8=-769/453, 5-7=-839/1056

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 545 lb uplift at joint 1 and 573 lb uplift at joint 7.

LOAD CASE(S) Standard



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T23	Half Hip	1	1	Job Reference (optional)	T20177771

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:39 2020 Page 1
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6-11-11	12-7-8	19-1-0
6-11-11	5-7-13	6-5-8

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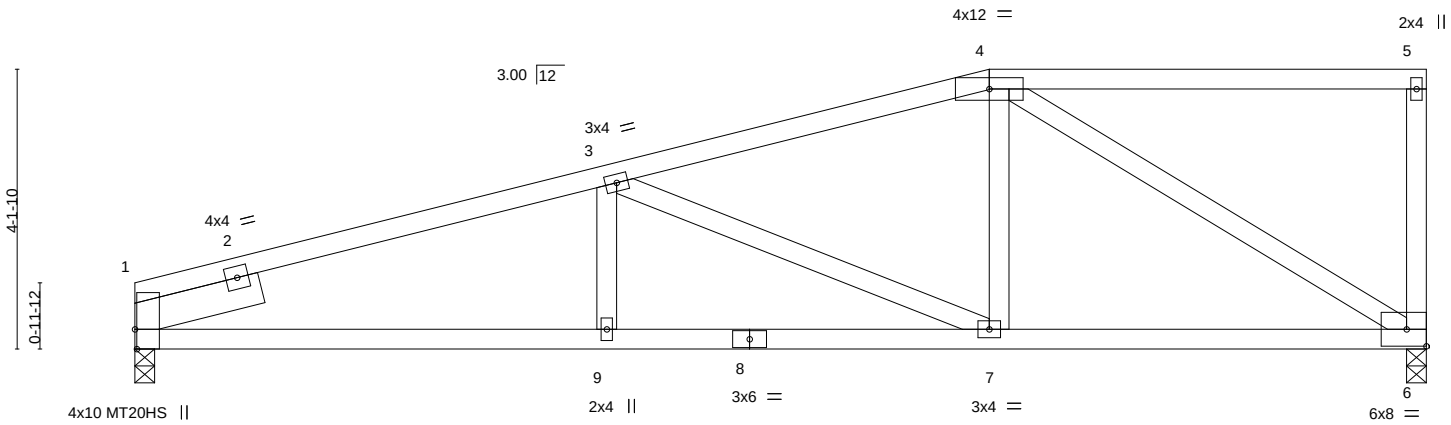


6-11-11	12-7-8	19-1-0
6-11-11	5-7-13	6-5-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.86	Vert(LL)	0.20	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.18	7-9	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.92	Horz(CT)	-0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 95 lb	FT = 20%

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

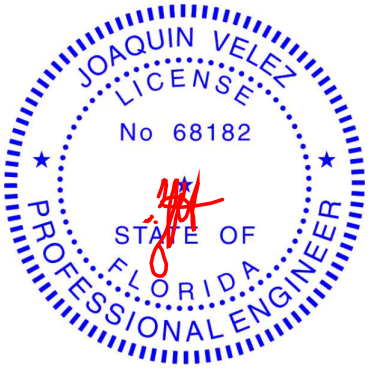
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-1-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-7-2 oc bracing.

REACTIONS. (lb/size) 1=701/0-3-8, 6=701/0-3-8
Max Horz 1=157(LC 8)
Max Uplift 1=-540(LC 8), 6=-578(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1372/1809, 3-4=-867/1135
BOT CHORD 1-9=-1853/1289, 8-9=-1853/1289, 7-8=-1853/1289, 6-7=-1164/821
WEBS 3-9=-268/200, 3-7=-522/776, 4-7=-677/413, 4-6=-928/1321

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 540 lb uplift at joint 1 and 578 lb uplift at joint 6.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
May 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T24	Half Hip Girder	1	1	Job Reference (optional)	T20177772

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:39 2020 Page 1
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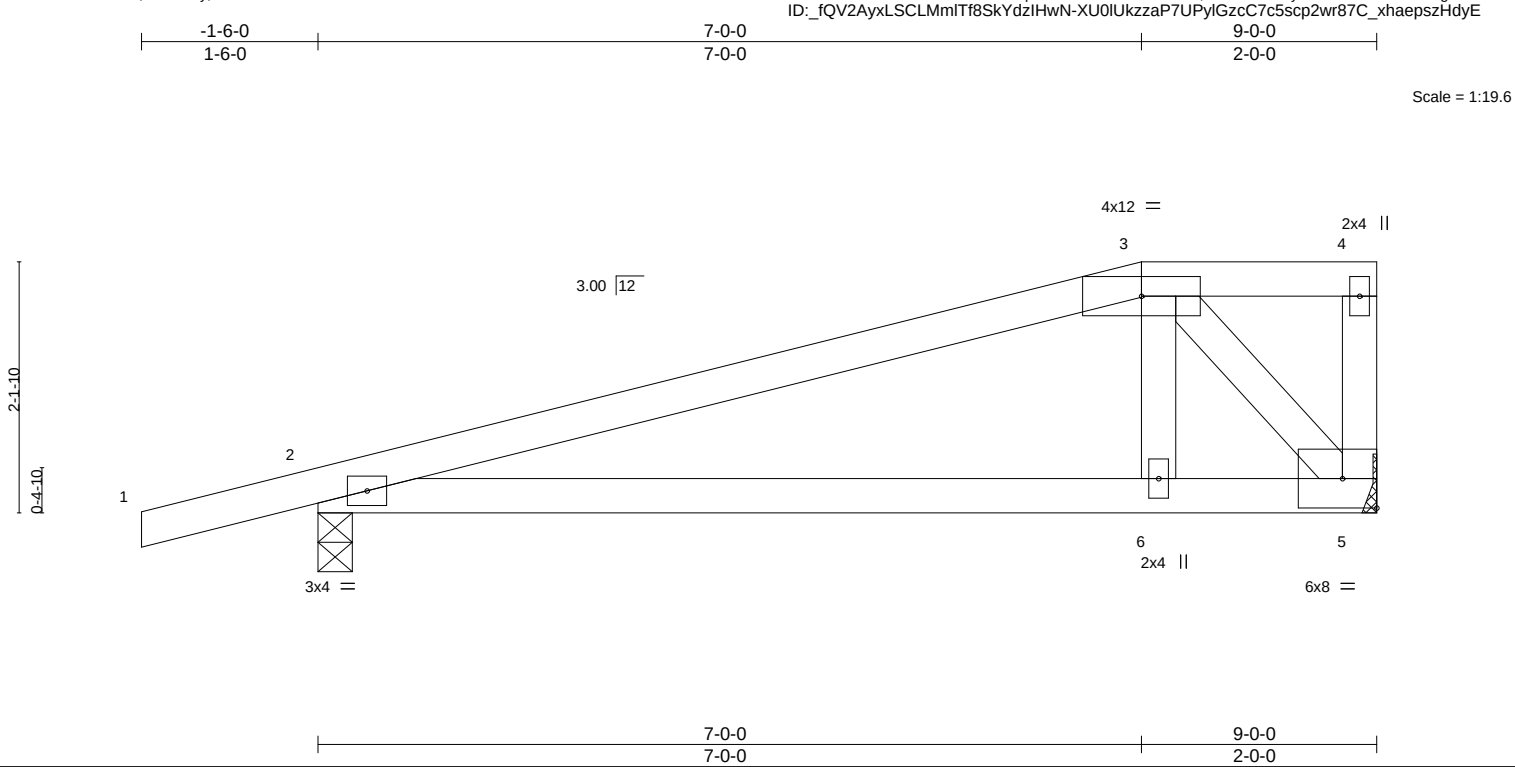


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	0.14	6-9	>757	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.13	6-9	>789	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.26	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 37 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-6-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 7-2-7 oc bracing.

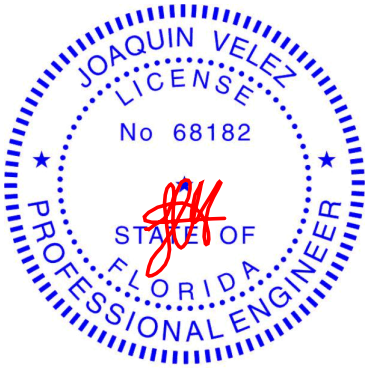
REACTIONS. (lb/size) 2=502/0-3-8, 5=674/Mechanical
Max Horz 2=112(LC 23)
Max Uplift 2=-421(LC 4), 5=-569(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-756/572
BOT CHORD 2-6=-589/696, 5-6=-624/737
WEBS 3-6=-448/591, 3-5=-1043/883

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; 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
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 421 lb uplift at joint 2 and 569 lb uplift at joint 5.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 127 lb down and 136 lb up at 7-0-0 on top chord, and 331 lb down and 377 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-54, 5-7=-20
Concentrated Loads (lb)
Vert: 6=-331(B) 3=-109(B)



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T25	Jack-Partial	7	1	T20177773
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:39 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-XU0lUkzzaP7UPylGzcC7c5sVe2q988N_xhaepszHdyE

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1-6-0 9-0-0

Scale = 1:19.9

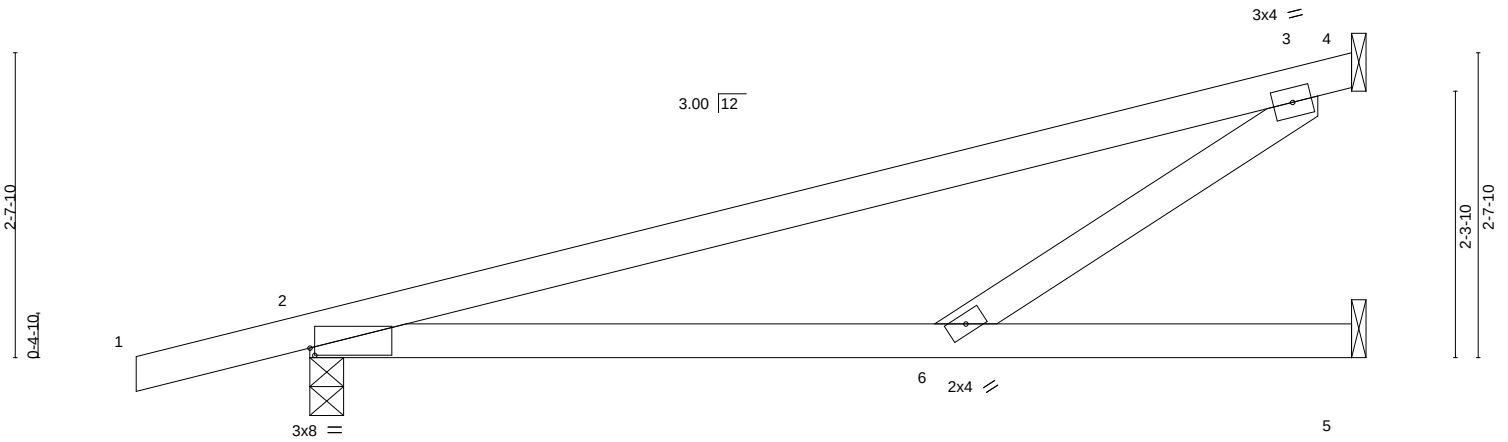


Plate Offsets (X,Y)-- [2:0-0-8,0-0-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.97	Vert(LL)	0.20	6-9	>541	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.17	6-9	>617	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 35 lb	FT = 20%

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

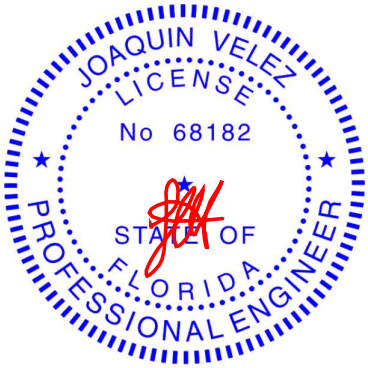
BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS. (lb/size) 4=330/Mechanical, 2=418/0-3-8, 5=-6/Mechanical
Max Horz 2=136(LC 8)
Max Uplift 4=-275(LC 8), 2=-343(LC 8), 5=-14(LC 20)
Max Grav 4=330(LC 1), 2=418(LC 1), 5=38(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-404/634
BOT CHORD 2-6=-666/347
WEBS 3-6=-812/423

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 275 lb uplift at joint 4, 343 lb uplift at joint 2 and 14 lb uplift at joint 5.

LOAD CASE(S) Standard



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May 11,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T26	Half Hip Girder	2	1	Job Reference (optional)	T20177774

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:40 2020 Page 1
ID:_fQV2AyxLSCLMmlTf8SkYdzIHwN-?ha8i4_bLjFL06KSXJjM9JPmsSFxtSk7ALKBLJzHdyD

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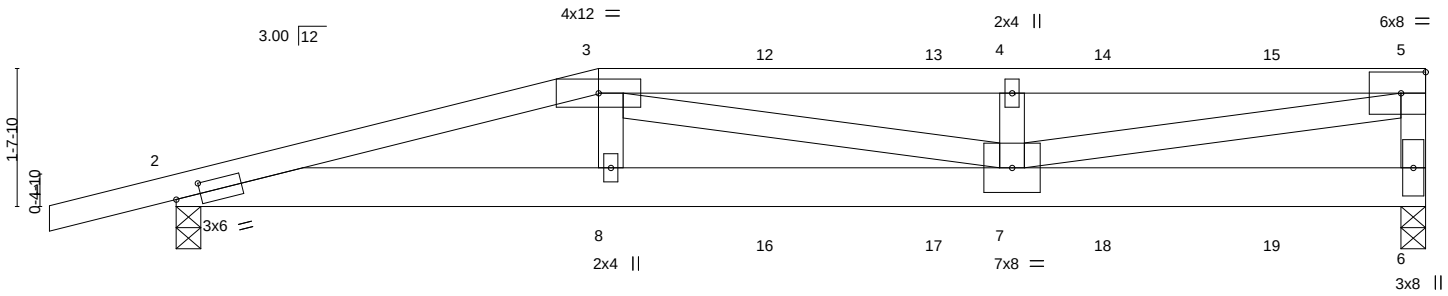
1-6-0	5-0-0	4-10-12	4-10-12

Scale = 1:27.3



5-0-0	9-10-12	14-9-8
5-0-0	4-10-12	4-10-12

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

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	0.62	Vert(LL)	0.22	7-8	>807	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.21	7-8	>838	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.82	Horz(CT)	-0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 77 lb	FT = 20%

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

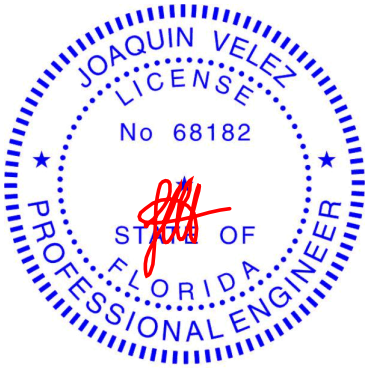
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-1-10 oc bracing.

REACTIONS. (lb/size) 6=857/0-3-8, 2=850/0-3-8
Max Horz 2=87(LC 4)
Max Uplift 6=-718(LC 4), 2=-721(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2385/1969, 3-12=-2244/1886, 12-13=-2244/1886, 4-13=-2244/1886, 4-14=-2244/1886, 14-15=-2244/1886, 5-15=-2244/1886, 5-6=-722/602
BOT CHORD 2-8=-1930/2298, 8-16=-1958/2331, 16-17=-1958/2331, 7-17=-1958/2331
WEBS 3-8=-241/364, 4-7=-429/348, 5-7=-1811/2154

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; 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
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 718 lb uplift at joint 6 and 721 lb uplift at joint 2.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 76 lb down and 94 lb up at 5-0-0 , 57 lb down and 94 lb up at 7-0-12, 57 lb down and 94 lb up at 9-0-12, and 57 lb down and 94 lb up at 11-0-12, and 57 lb down and 94 lb up at 13-0-12 on top chord, and 111 lb down and 165 lb up at 5-0-0, 46 lb down and 68 lb up at 7-0-12, 46 lb down and 68 lb up at 9-0-12, and 46 lb down and 68 lb up at 11-0-12, and 46 lb down and 68 lb up at 13-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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



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Continued on page 2

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Tampa, FL 36610

LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 3=-57(B) 8=-99(B) 12=-57(B) 13=-57(B) 14=-57(B) 15=-57(B) 16=-39(B) 17=-39(B) 18=-39(B) 19=-39(B)

MiTek

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL
2340302	T27	Half Hip	2	1	T20177775
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:40 2020 Page 1
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-1-6-0 | 7-0-0 | 7-11-8
1-6-0 | 7-0-0 | 0-11-8

Scale = 1:18.1

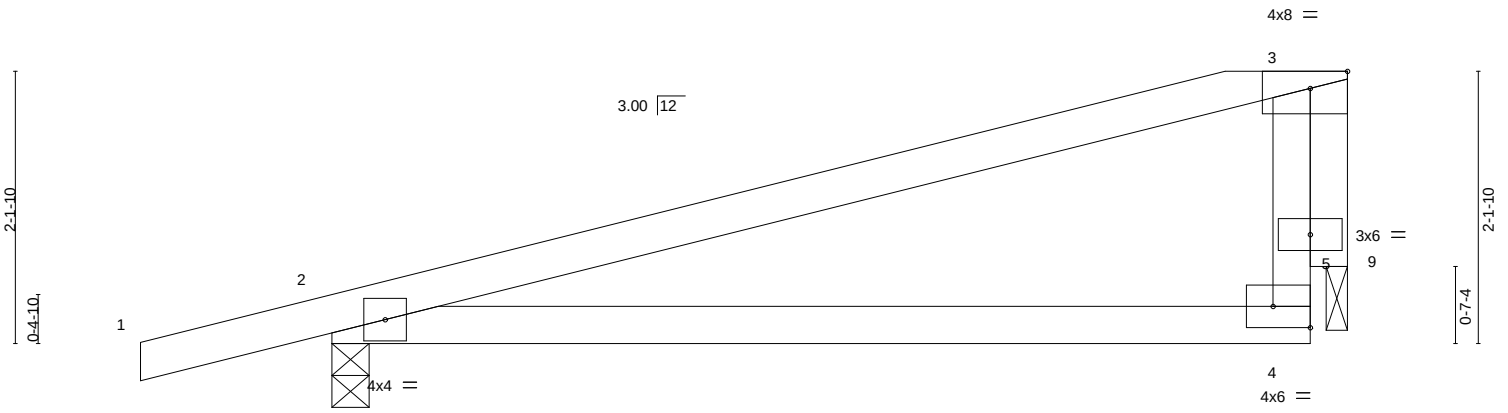


Plate Offsets (X,Y)-- [3:0-3-8,Edge], [4:Edge,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	0.29	4-8	>323	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	0.25	4-8	>375	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MR							Weight: 31 lb	FT = 20%

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

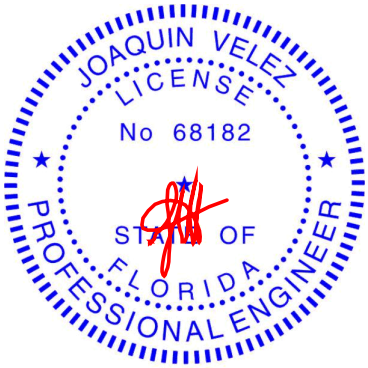
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-2-6 oc bracing.

REACTIONS. (lb/size) 2=379/0-3-8, 9=258/0-2-0
Max Horz 2=118(LC 8)
Max Uplift 2=-315(LC 8), 9=-216(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-219/261, 4-5=-255/151, 3-5=-255/151
BOT CHORD 2-4=-316/183
WEBS 3-9=-276/469

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 315 lb uplift at joint 2 and 216 lb uplift at joint 9.

LOAD CASE(S) Standard



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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - SUZIE HALL	
2340302	T28	MONO TRUSS	14	1	Job Reference (optional)	T20177776

Builders FirstSource, Lake City, FL 32055

Run: 8.240 s Feb 11 2019 Print: 8.240 s Apr 4 2020 MiTek Industries, Inc. Mon May 11 09:02:41 2020 Page 1
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1-6-0 7-11-8

Scale = 1:18.1

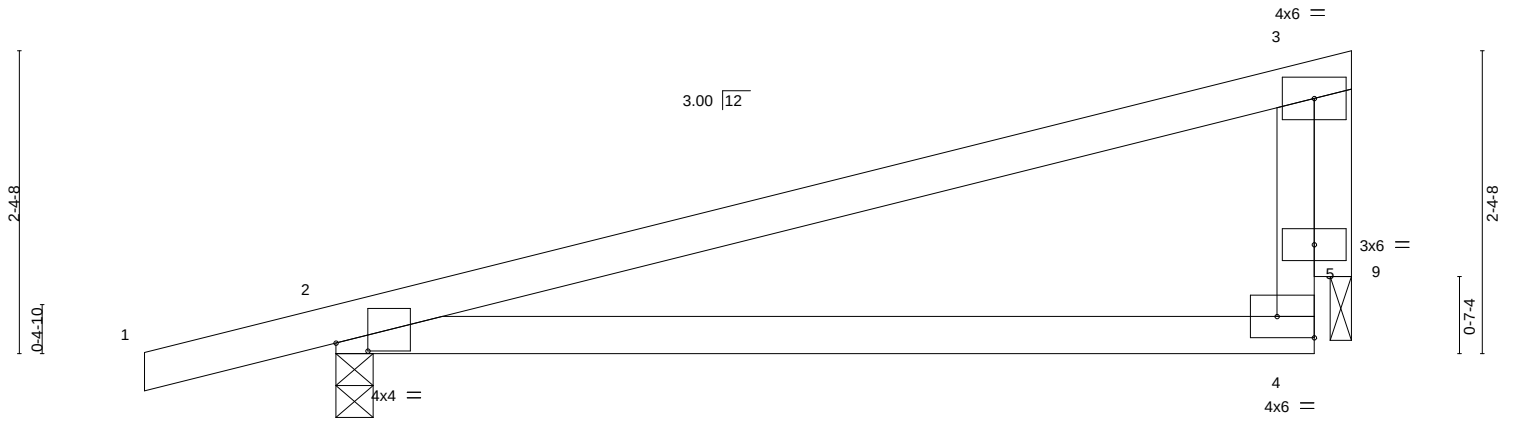


Plate Offsets (X,Y)-- [2:0-3-0,0-0-12], [4:Edge,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	0.29	4-8	>323	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	0.25	4-8	>375	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MR							Weight: 31 lb	FT = 20%

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

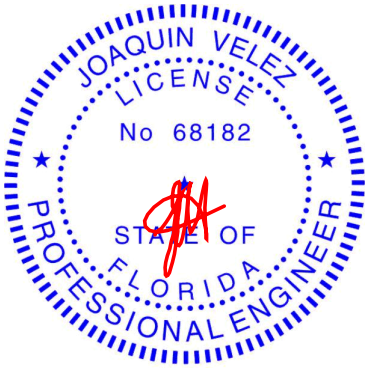
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-2-6 oc bracing.

REACTIONS. (lb/size) 2=379/0-3-8, 9=258/0-2-0
Max Horz 2=118(LC 8)
Max Uplift 2=-315(LC 8), 9=-216(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-219/261, 4-5=-255/151, 3-5=-255/151
BOT CHORD 2-4=-316/183
WEBS 3-9=-276/469

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 315 lb uplift at joint 2 and 216 lb uplift at joint 9.

LOAD CASE(S) Standard



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May 11,2020

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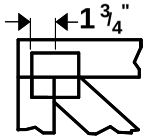
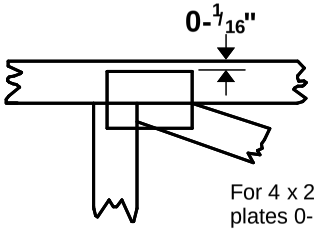
Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

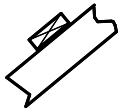
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

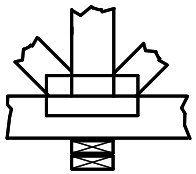
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

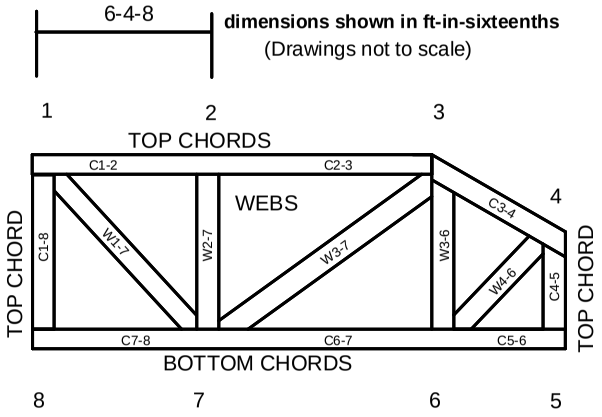


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

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

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

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

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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