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

RE: 2302100 - LIPSCOMB EAGLE - LOT 33 WBN

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

Site Information:

Customer Info: Lipscomb Eagle Project Name: Spec Hse Model: Custom
Lot/Block: 33 Subdivision: Woodborough North
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):

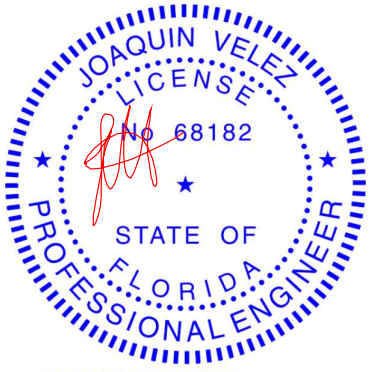
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 30 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	T19767861	CJ01	3/23/20	23	T19767883	T13	3/23/20
2	T19767862	CJ03	3/23/20	24	T19767884	T14G	3/23/20
3	T19767863	CJ05	3/23/20	25	T19767885	T15G	3/23/20
4	T19767864	EJ01	3/23/20	26	T19767886	T16	3/23/20
5	T19767865	HJ08	3/23/20	27	T19767887	T17	3/23/20
6	T19767866	PB01	3/23/20	28	T19767888	T17G	3/23/20
7	T19767867	PB01G	3/23/20	29	T19767889	T18	3/23/20
8	T19767868	T01	3/23/20	30	T19767890	T18G	3/23/20
9	T19767869	T01G	3/23/20				
10	T19767870	T02	3/23/20				
11	T19767871	T03	3/23/20				
12	T19767872	T04	3/23/20				
13	T19767873	T05	3/23/20				
14	T19767874	T06	3/23/20				
15	T19767875	T07	3/23/20				
16	T19767876	T07A	3/23/20				
17	T19767877	T08	3/23/20				
18	T19767878	T09	3/23/20				
19	T19767879	T10	3/23/20				
20	T19767880	T11	3/23/20				
21	T19767881	T11G	3/23/20				
22	T19767882	T12G	3/23/20				

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: March 23,2020

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.

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	CJ01	Jack-Open	2	1	T19767861
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:01 2020 Page 1
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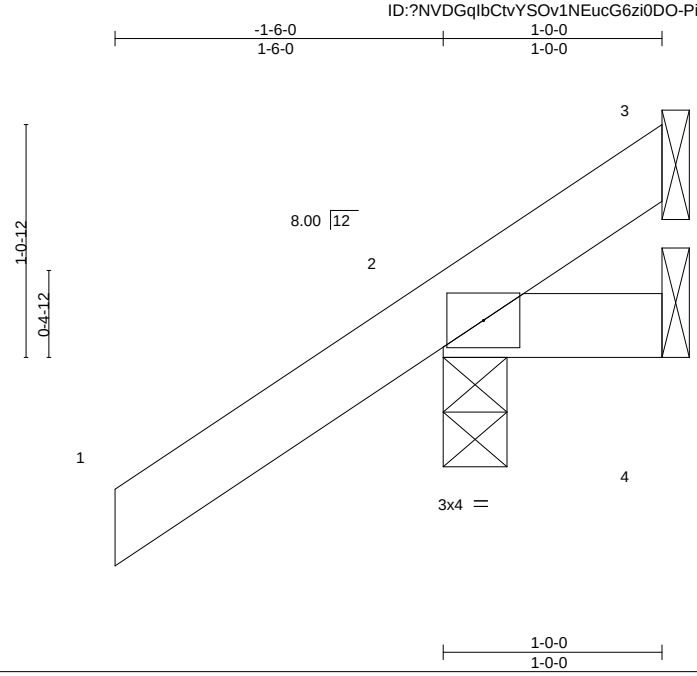


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 6 lb	FT = 20%

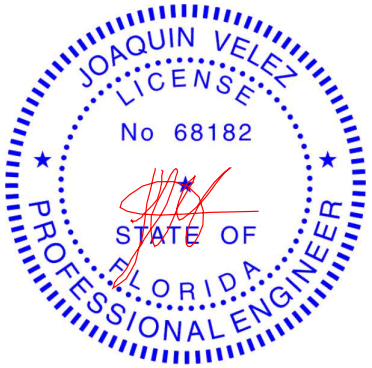
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=74(LC 12)
Max Uplift 3=-5(LC 1), 2=-109(LC 12), 4=-20(LC 1)
Max Grav 3=10(LC 8), 2=179(LC 1), 4=30(LC 16)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=109.



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March 23,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	CJ03	Jack-Open	2	1	T19767862
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:02 2020 Page 1
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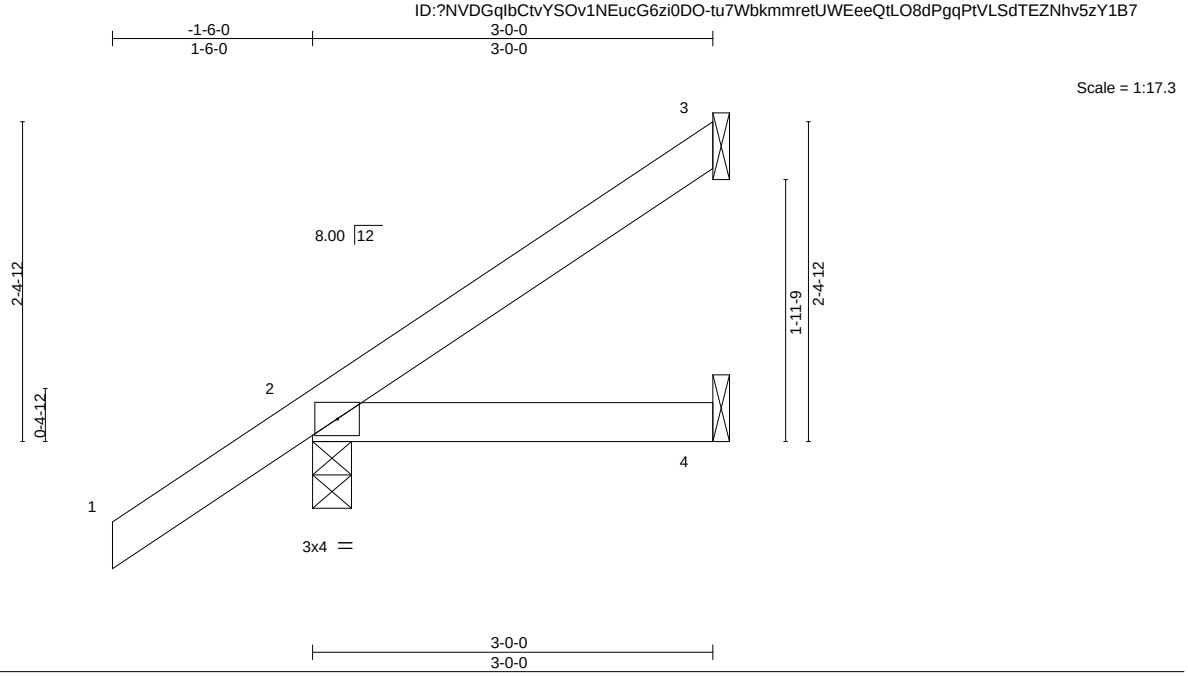


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	-0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 13 lb	FT = 20%

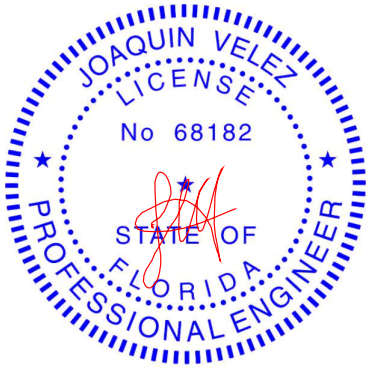
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=137(LC 12)
Max Uplift 3=-66(LC 12), 2=-85(LC 12)
Max Grav 3=71(LC 19), 2=210(LC 1), 4=51(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	CJ05	Jack-Open	2	1	T19767863
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:03 2020 Page 1
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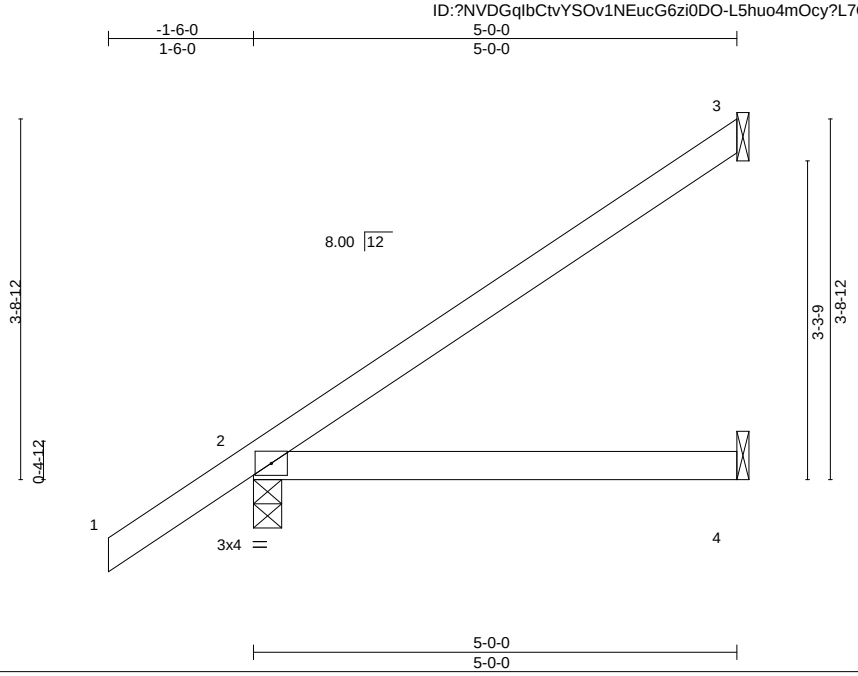


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.36	Vert(LL)	0.04	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	-0.07	4-7	>860	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 19 lb	FT = 20%

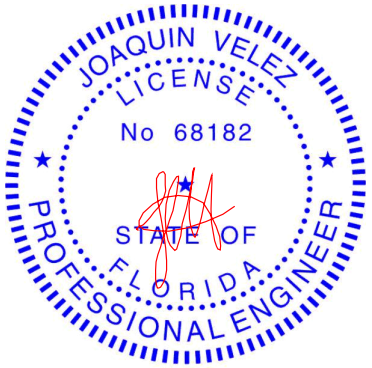
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=202(LC 12)
Max Uplift 3=-122(LC 12), 2=-90(LC 12), 4=-7(LC 12)
Max Grav 3=131(LC 19), 2=276(LC 1), 4=89(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4 except (jt=lb) 3=122.



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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	EJ01	JACK-OPEN	9	1	T19767864
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:04 2020 Page 1
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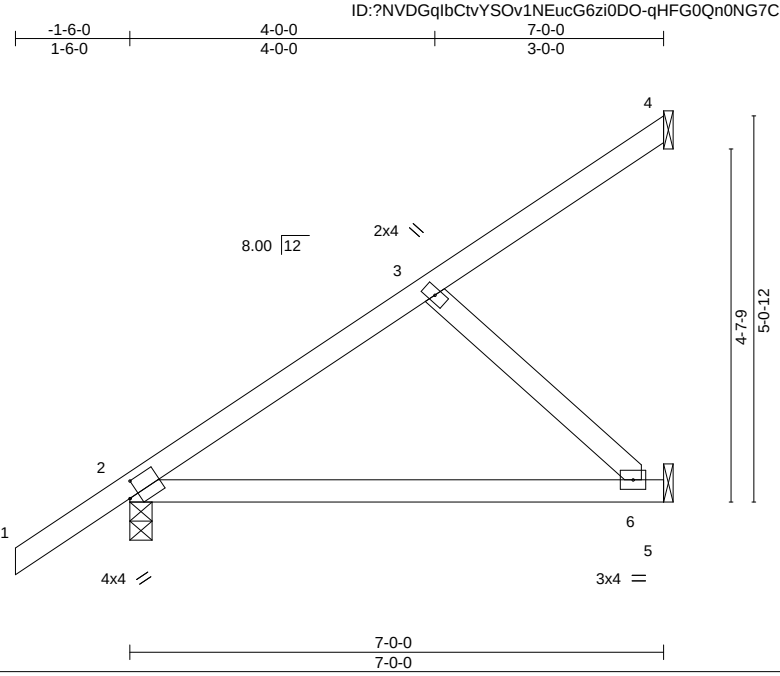


Plate Offsets (X,Y)-- [2:0-1-9,0-2-5]

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	0.35	Vert(LL)	-0.08	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.17	6-9	>501	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 31 lb	FT = 20%

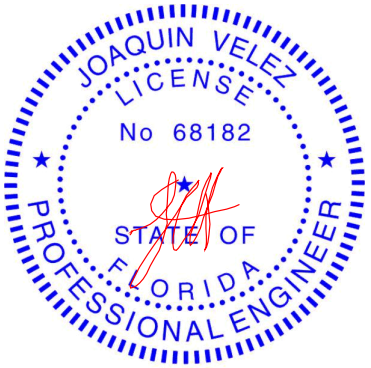
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical
Max Horz 2=267(LC 12)
Max Uplift 4=-71(LC 12), 2=-99(LC 12), 5=-118(LC 12)
Max Grav 4=65(LC 19), 2=346(LC 1), 5=215(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-6=-301/217

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2 except (jt=lb) 5=118.



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Date:
March 23,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	HJ08	Diagonal Hip Girder	1	1	T19767865
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:05 2020 Page 1
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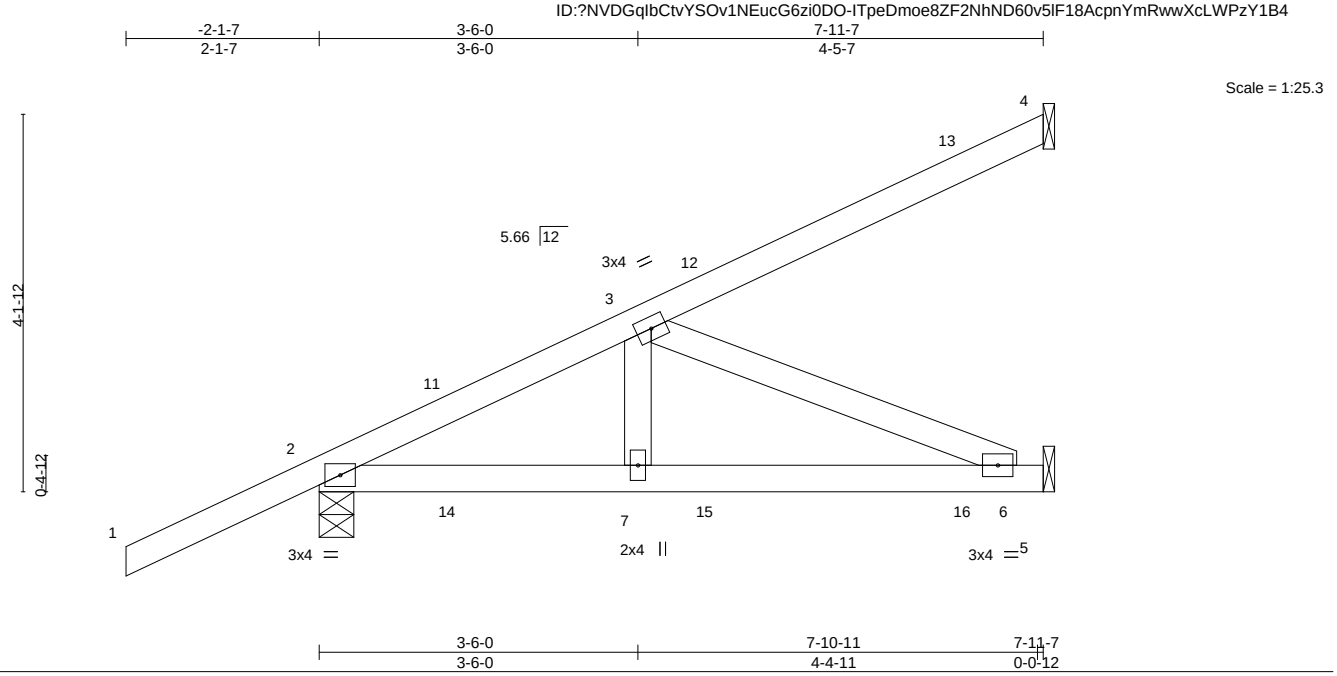


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.37	Vert(LL)	-0.03	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.06	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.19	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	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

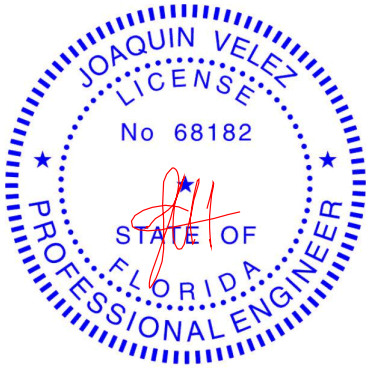
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-9, 5=Mechanical
Max Horz 2=223(LC 26)
Max Uplift 4=-218(LC 8), 2=-242(LC 8), 5=-137(LC 8)
Max Grav 4=202(LC 32), 2=441(LC 1), 5=276(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-579/207
BOT CHORD 2-7=-317/426, 6-7=-317/426
WEBS 3-6=-461/344

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=218, 2=242, 5=137.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 87 lb down and 76 lb up at 1-6-1, 87 lb down and 76 lb up at 1-6-1, 110 lb down and 65 lb up at 4-4-0, 110 lb down and 65 lb up at 4-4-0, and 132 lb down and 129 lb up at 7-1-15, and 132 lb down and 129 lb up at 7-1-15 on top chord, and 29 lb down and 46 lb up at 1-6-1, 29 lb down and 46 lb up at 1-6-1, 28 lb down at 4-4-0, 28 lb down at 4-4-0, and 53 lb down and 22 lb up at 7-1-15, and 53 lb down and 22 lb up at 7-1-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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: 13=-110(F=-55, B=-55) 15=-4(F=-2, B=-2) 16=-72(F=-36, B=-36)



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Date:
March 23,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	PB01	Piggyback	10	1	T19767866
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:06 2020 Page 1
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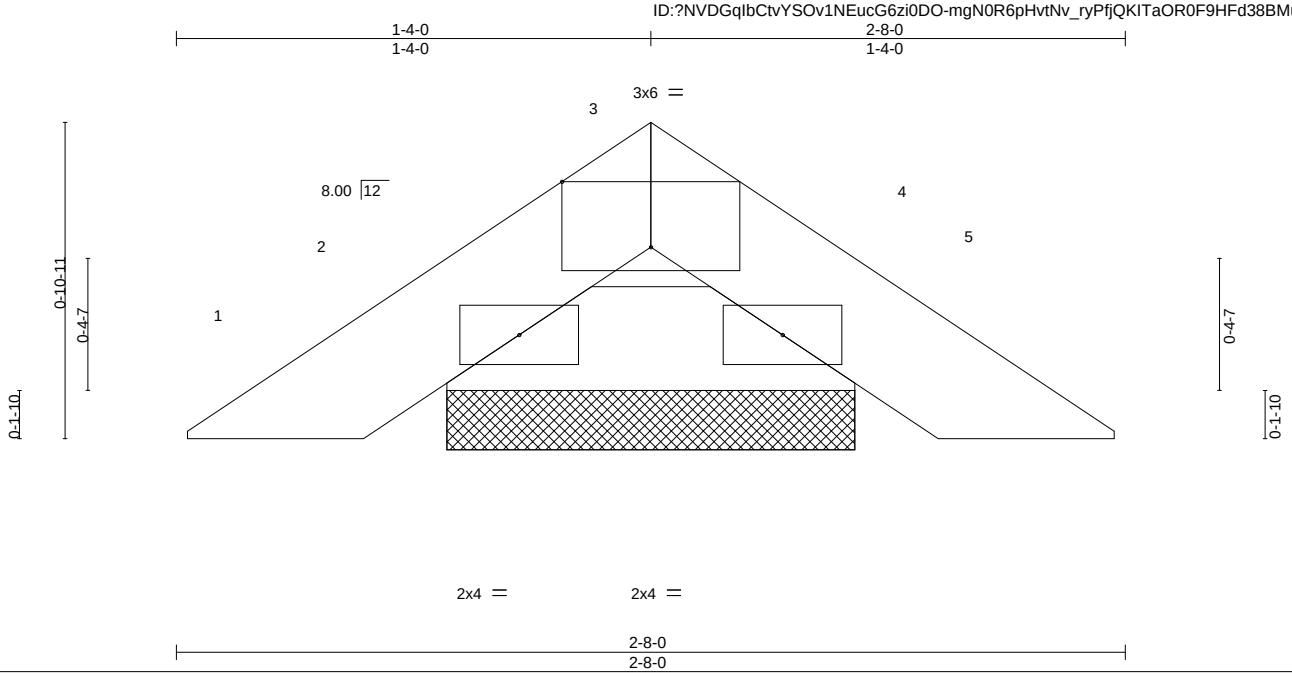


Plate Offsets (X,Y)-- [3:0-3-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.02	Vert(LL)	-0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.01	Vert(CT)	-0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 6 lb	FT = 20%

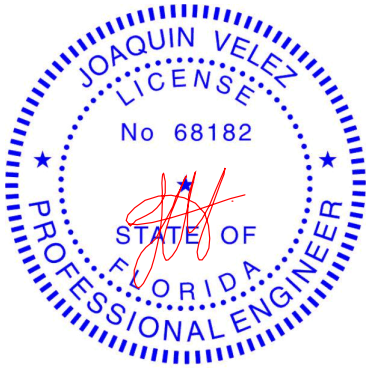
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 2=1-1-12, 4=1-1-12
Max Horz 2=-22(LC 10)
Max Uplift 2=-34(LC 12), 4=-34(LC 13)
Max Grav 2=68(LC 1), 4=68(LC 1)

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

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



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
March 23,2020

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	PB01G	PIGGYBACK	2	1	T19767867
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:07 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-EsxPeSqvgBVmc?XbDQxZrg7ZDQbb0isCNr5SaIzY1B2

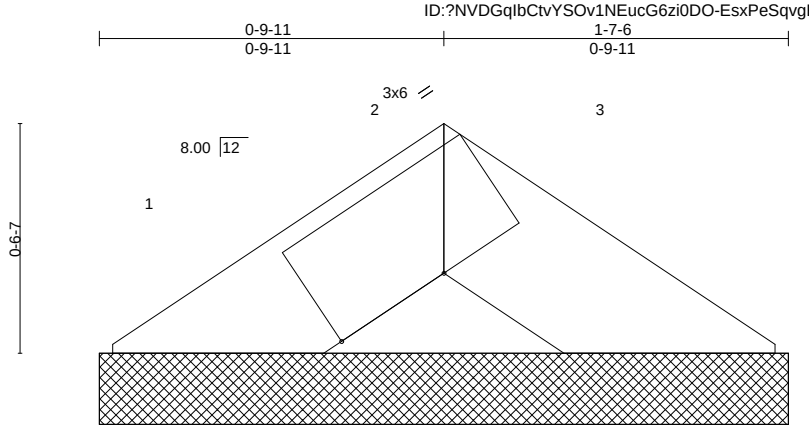


Plate Offsets (X,Y)-- [2:0-3-7,Edge]

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

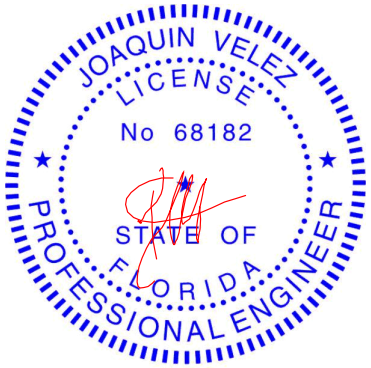
LUMBER-
TOP CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-7-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=1-7-6, 3=1-7-6
Max Horz 1=-11(LC 10)
Max Uplift 1=-17(LC 12), 3=-17(LC 13)
Max Grav 1=29(LC 1), 3=29(LC 1)

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

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



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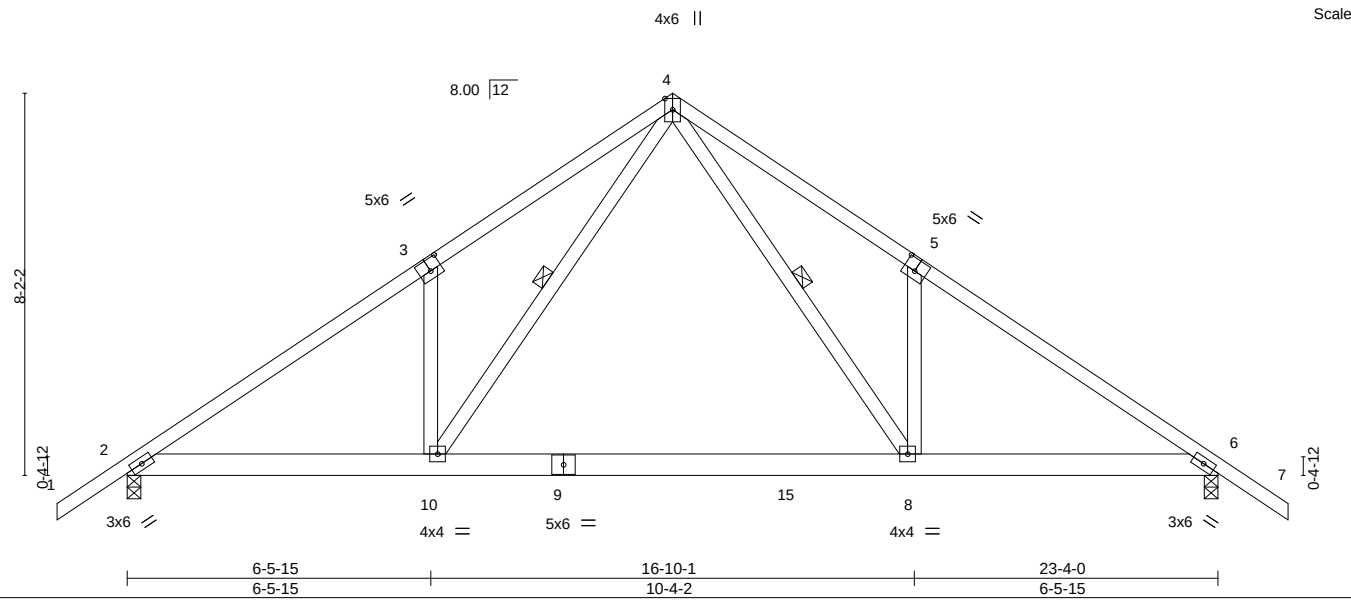
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T01	Common	7	1	T19767868
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:08 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-i2UnsoqXRUddE96on8SoNufdyqiWl3gMcVr?6kzY1B1

-1-6-0	6-5-15	11-8-0	16-10-1	23-4-0	24-10-0
1-6-0	6-5-15	5-2-1	5-2-1	6-5-15	1-6-0

Scale = 1:49.3



6-5-15	16-10-1	23-4-0
6-5-15	10-4-2	6-5-15

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

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	0.46	Vert(LL)	-0.23	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.46	8-10	>614	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.41	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 141 lb	FT = 20%

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

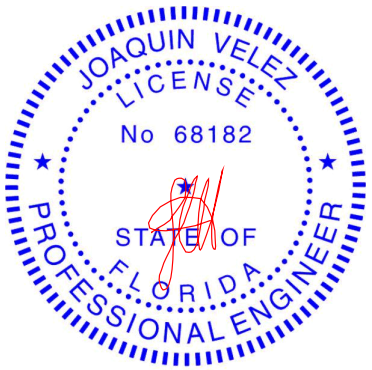
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-0-15 oc bracing.
WEBS 1 Row at midpt 4-8, 4-10

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=273(LC 11)
Max Uplift 2=-506(LC 12), 6=-506(LC 13)
Max Grav 2=1276(LC 19), 6=1277(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2002/804, 3-4=-2052/1009, 4-5=-2054/1009, 5-6=-2004/804
BOT CHORD 2-10=-620/1772, 8-10=-271/1058, 6-8=-513/1615
WEBS 4-8=-616/1277, 5-8=-397/365, 4-10=-616/1274, 3-10=-397/365

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=506, 6=506.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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



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March 23,2020

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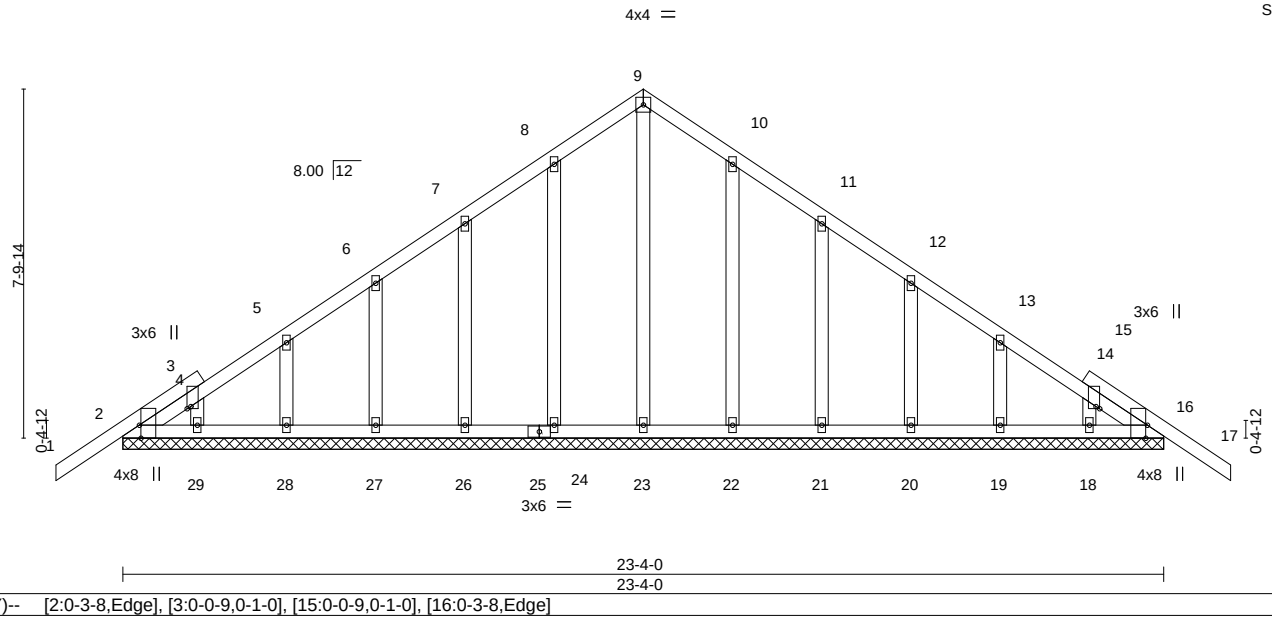
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T01G	Common Supported Gable	1	1	T19767869
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:10 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-eRcXGTsnz6tLTSFAuZUGSJl2FdcbD1ff3oK6BdzY1B?

-1-6-0 | 11-8-0 | 23-4-0 | 24-10-0
1-6-0 | 11-8-0 | 11-8-0 | 1-6-0

Scale = 1:51.7



23-4-0
23-4-0

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [3:0-0-9,0-1-0], [15:0-0-9,0-1-0], [16:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	Vert(LL)	-0.01	17	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	-0.01	17	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.01	16	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 146 lb	FT = 20%

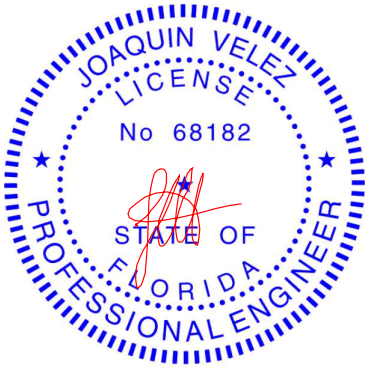
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 23-4-0.
(lb) - Max Horz 2=-262(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 16, 29, 18 except 24=-112(LC 12), 26=-114(LC 12), 27=-112(LC 12), 28=-107(LC 12), 22=-109(LC 13), 21=-115(LC 13), 20=-112(LC 13), 19=-109(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 16, 23, 24, 26, 27, 28, 29, 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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 16, 29, 18 except (jt=lb) 24=112, 26=114, 27=112, 28=107, 22=109, 21=115, 20=112, 19=109.



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6904 Parke East Blvd. Tampa FL 33610
Date:

March 23,2020

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T02	Common	4	1	T19767870
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:11 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-6dAvUptPkP?C5cqNSG0V?WH841jHyQIoIS3fj3zY1B_

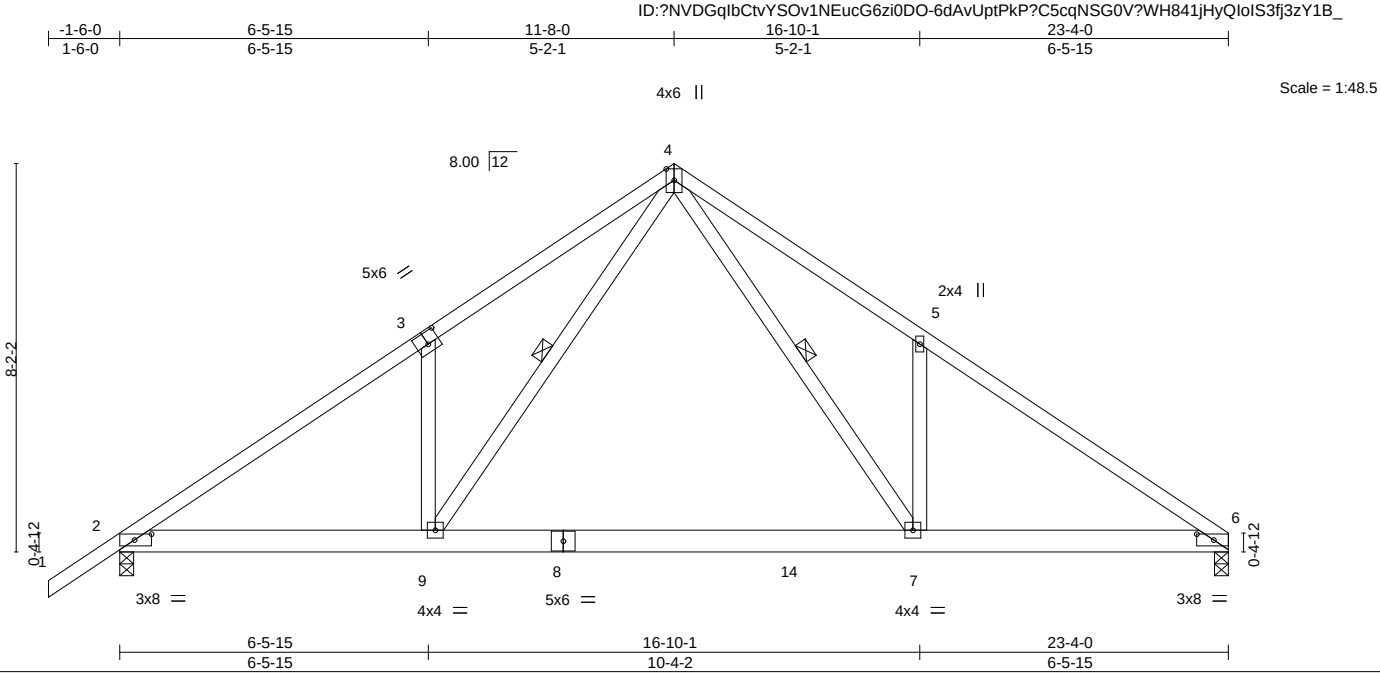


Plate Offsets (X,Y)-- [2:0-4-5,0-1-8], [3:0-3-0,0-3-0], [6:0-4-5,0-1-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.47	Vert(LL)	-0.23	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.45	7-9	>617	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.42	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 138 lb	FT = 20%

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

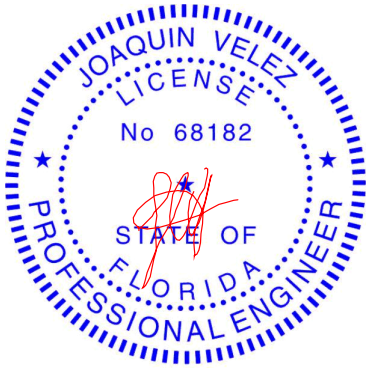
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-11-3 oc bracing.
WEBS 1 Row at midpt 4-7, 4-9

REACTIONS. (size) 6=0-3-8, 2=0-3-8
Max Horz 2=263(LC 9)
Max Uplift 6=-454(LC 13), 2=-507(LC 12)
Max Grav 6=1196(LC 20), 2=1277(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2003/810, 3-4=-2053/1016, 4-5=-2074/1033, 5-6=-2017/818
BOT CHORD 2-9=-641/1757, 7-9=-293/1044, 6-7=-563/1603
WEBS 4-7=-639/1300, 5-7=-400/372, 4-9=-615/1273, 3-9=-398/365

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=454, 2=507.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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



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March 23,2020

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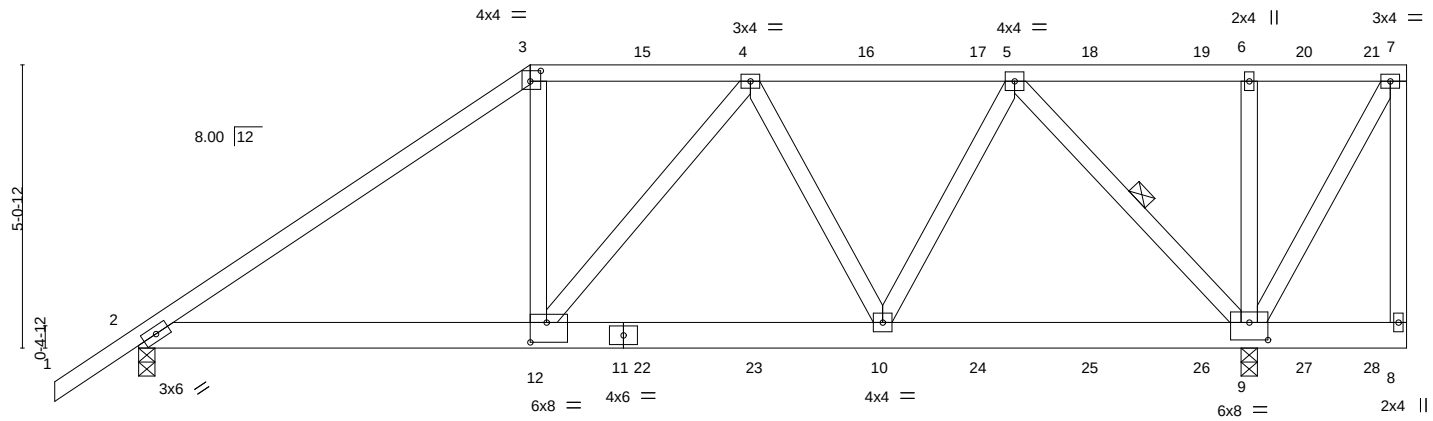
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T03	Half Hip Girder	1	1	T19767871
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:13 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-30lgvVugG1GwKw_lah2z4xNQHrW9QKu5lmYmnyzY1Ay

-1-6-0	7-0-0	10-11-4	15-7-15	19-10-4	22-8-0
1-6-0	7-0-0	3-11-4	4-8-11	4-2-5	2-9-12

Scale = 1:41.2



7-0-0	13-3-10	19-10-4	20-0-0	22-8-0
7-0-0	6-3-10	6-6-10	0-1-12	2-8-0

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

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	0.75	Vert(LL)	0.09	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.11	10-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.41	Horz(CT)	0.03	9	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 150 lb	FT = 20%

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

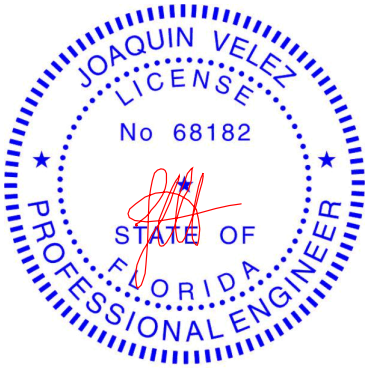
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-1-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-9

REACTIONS. (size) 2=0-3-8, 9=0-3-8
Max Horz 2=270(LC 27)
Max Uplift 2=-750(LC 8), 9=-1534(LC 5)
Max Grav 2=1345(LC 1), 9=2255(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1967/1113, 3-4=-1571/1019, 4-5=-1448/930
BOT CHORD 2-12=-1007/1548, 10-12=-1025/1570, 9-10=-648/977
WEBS 3-12=-459/809, 4-10=-272/226, 5-10=-632/1064, 5-9=-1606/1090

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=750, 9=1534.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 68 lb down and 68 lb up at 7-0-0, 78 lb down and 65 lb up at 9-0-12, 78 lb down and 65 lb up at 11-0-12, 78 lb down and 65 lb up at 13-0-12, 78 lb down and 65 lb up at 15-0-12, 78 lb down and 65 lb up at 17-0-12, 78 lb down and 65 lb up at 19-0-12, and 78 lb down and 65 lb up at 20-10-12, and 66 lb down and 69 lb up at 22-1-4 on top chord, and 426 lb down and 303 lb up at 7-0-0, 184 lb down and 138 lb up at 9-0-12, 184 lb down and 138 lb up at 11-0-12, 184 lb down and 138 lb up at 13-0-12, 184 lb down and 138 lb up at 15-0-12, 184 lb down and 138 lb up at 17-0-12, 184 lb down and 138 lb up at 19-0-12, and 184 lb down and 138 lb up at 20-10-12, and 190 lb down and 132 lb up at 22-1-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-7=-54, 2-8=-20



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: March 23,2020

Continued on page 2

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LOAD CASE(S) Standard

Concentrated Loads (lb)

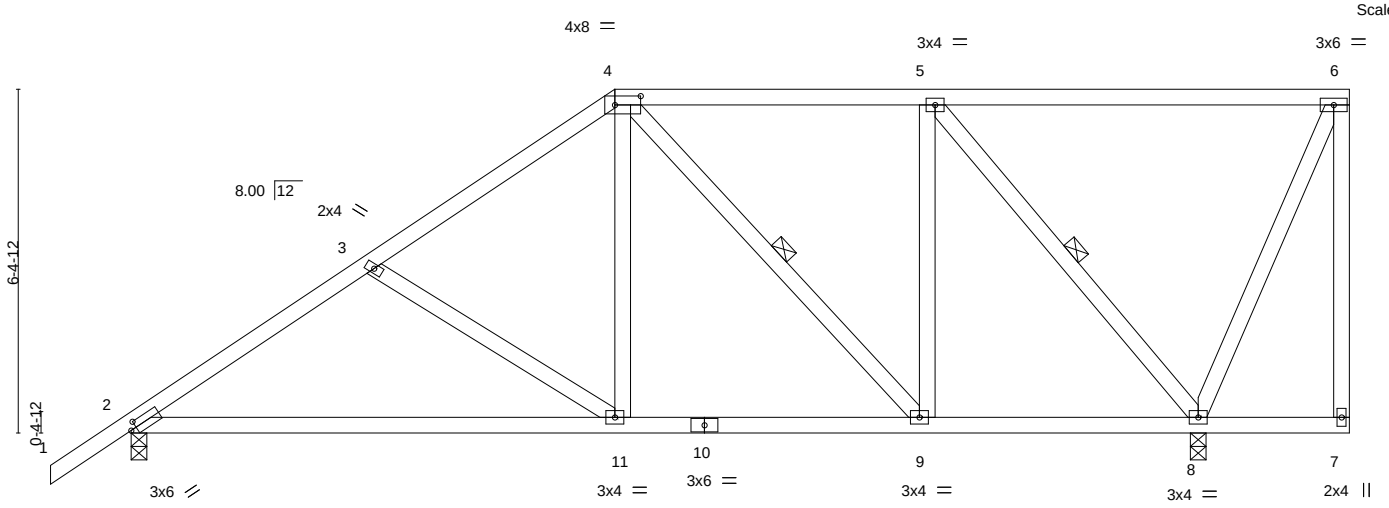
Vert: 3=-6(F) 12=-401(F) 4=-6(F) 10=-173(F) 15=-6(F) 16=-6(F) 17=-6(F) 18=-6(F) 19=-6(F) 20=-6(F) 21=-18(F) 22=-173(F) 23=-173(F) 24=-173(F) 25=-173(F) 26=-173(F) 27=-173(F) 28=-178(F)

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T04	Half Hip	1	1	T19767872
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:14 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-XCs26rvl0KOny4Zx7PZCd9vdvFrJ9pxE_QIJJOzY1Ax

-1-6-0 | 4-6-4 | 9-0-0 | 14-9-12 | 22-8-0
1-6-0 | 4-6-4 | 4-5-12 | 5-9-12 | 7-10-4

Scale = 1:42.9



9-0-0 | 14-9-12 | 19-10-4 | 20-0-0 | 22-8-0
9-0-0 | 5-9-12 | 5-0-8 | 0-1-12 | 2-8-0

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

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	0.63	Vert(LL)	-0.14	11-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.29	11-14	>822	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 139 lb	FT = 20%

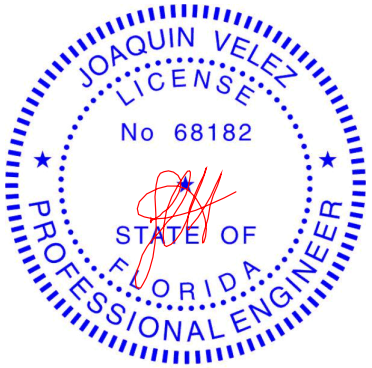
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-8-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 8-0-3 oc bracing: 2-11.
WEBS 1 Row at midpt 4-9, 5-8

REACTIONS. (size) 2=0-3-8, 8=0-3-8
Max Horz 2=335(LC 12)
Max Uplift 2=-282(LC 12), 8=-419(LC 9)
Max Grav 2=805(LC 1), 8=942(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1001/410, 3-4=-786/331, 4-5=-470/262
BOT CHORD 2-11=-540/854, 9-11=-334/595, 8-9=-262/470
WEBS 4-11=-97/392, 4-9=-263/138, 5-9=-71/317, 5-8=-849/488, 3-11=-361/269

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=282, 8=419.



Joaquin Velez PE No.68182
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Date:

March 23,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T05	Half Hip	1	1	T19767873
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:15 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-?OQQKBwwneWeZE88h64R9MSsHeFCuD_OD41trqzY1Aw

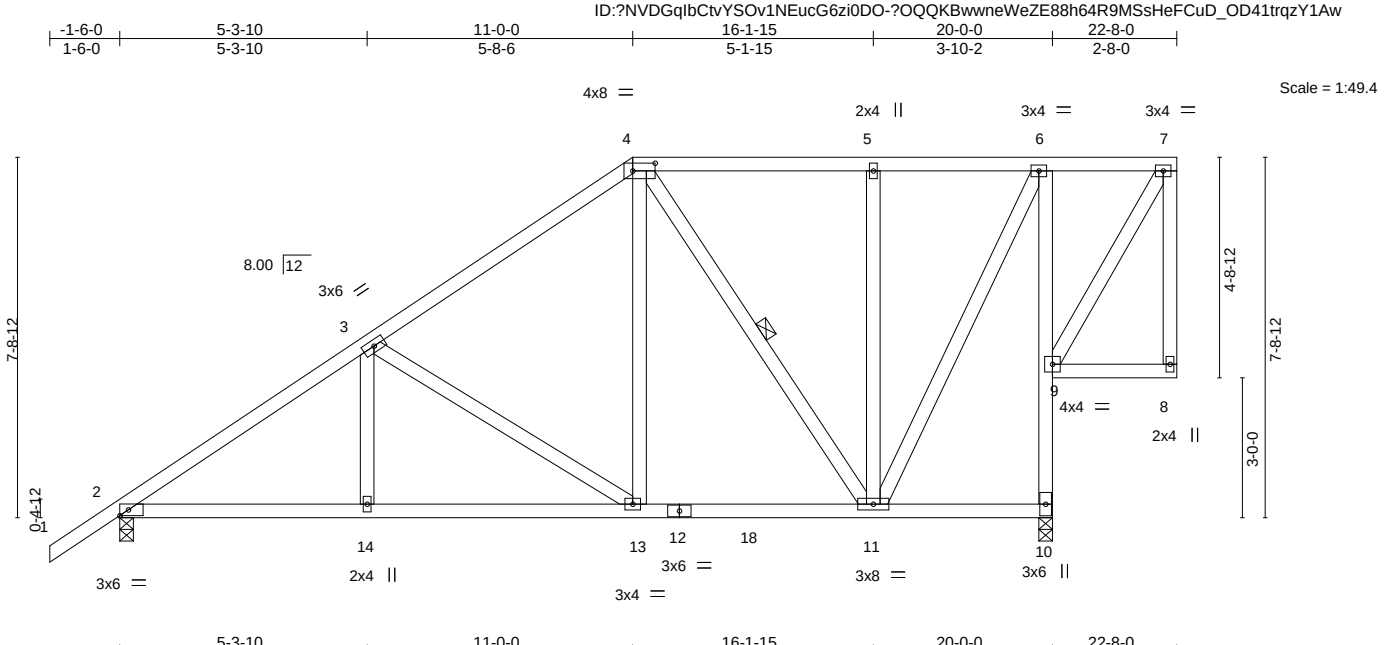


Plate Offsets (X,Y)-- [4:0-5-12,0-2-0]

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	0.33	Vert(LL)	-0.03	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.07	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 158 lb	FT = 20%

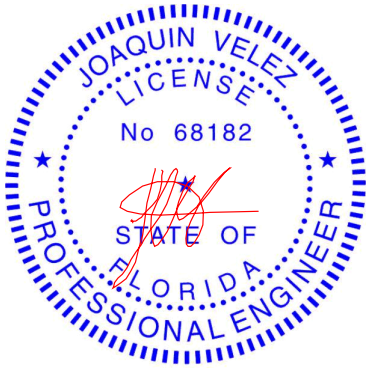
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-10: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-5-10 oc bracing.
WEBS 1 Row at midpt 4-11

REACTIONS. (size) 2=0-3-8, 10=0-3-8
Max Horz 2=400(LC 12)
Max Uplift 2=-281(LC 12), 10=-411(LC 9)
Max Grav 2=805(LC 1), 10=942(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1042/343, 3-4=-663/262, 4-5=-284/161, 5-6=-284/161
BOT CHORD 2-14=-537/913, 13-14=-537/913, 11-13=-289/480, 9-10=-917/512, 6-9=-811/486
WEBS 3-13=-525/321, 4-13=-134/411, 4-11=-393/226, 5-11=-262/207, 6-11=-389/700

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=281, 10=411.



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Date:

March 23,2020

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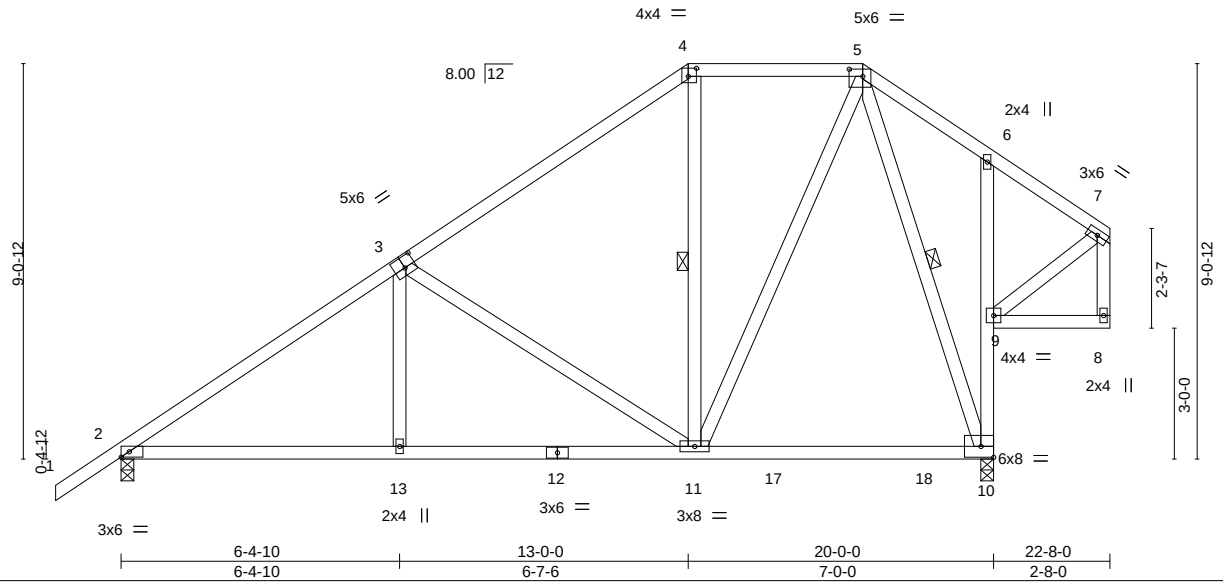
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T06	Hip	1	1	T19767874
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:16 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-TbzoXXxYYyeVBNjKFpbgia??o2Z7dcQXSknQNHzY1Av

-1-6-0 | 6-4-10 | 13-0-0 | 17-0-0 | 20-0-0 | 22-8-0
1-6-0 | 6-4-10 | 6-7-6 | 4-0-0 | 3-0-0 | 2-8-0

Scale = 1:52.8



6-4-10 | 13-0-0 | 20-0-0 | 22-8-0
6-4-10 | 6-7-6 | 7-0-0 | 2-8-0

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

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	0.47	Vert(LL)	-0.10	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.17	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.75	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 150 lb	FT = 20%

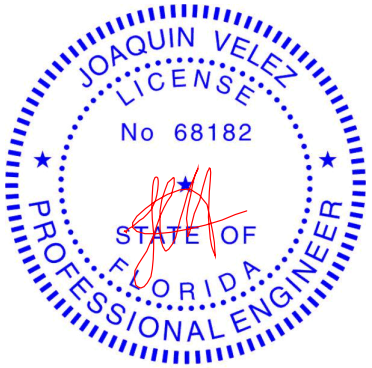
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-10: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-4-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-11, 5-10

REACTIONS. (size) 2=0-3-8, 10=0-3-8
Max Horz 2=362(LC 12)
Max Uplift 2=-307(LC 12), 10=-314(LC 12)
Max Grav 2=805(LC 1), 10=942(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1007/384, 3-4=-554/288, 4-5=-460/316
BOT CHORD 2-13=-481/847, 11-13=-481/845, 9-10=-348/241, 6-9=-266/216
WEBS 3-13=0/268, 3-11=-615/385, 5-11=-243/545, 5-10=-641/249

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=307, 10=314.



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Date:
March 23,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T07	Common	1	1	T19767875
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:17 2020 Page 1
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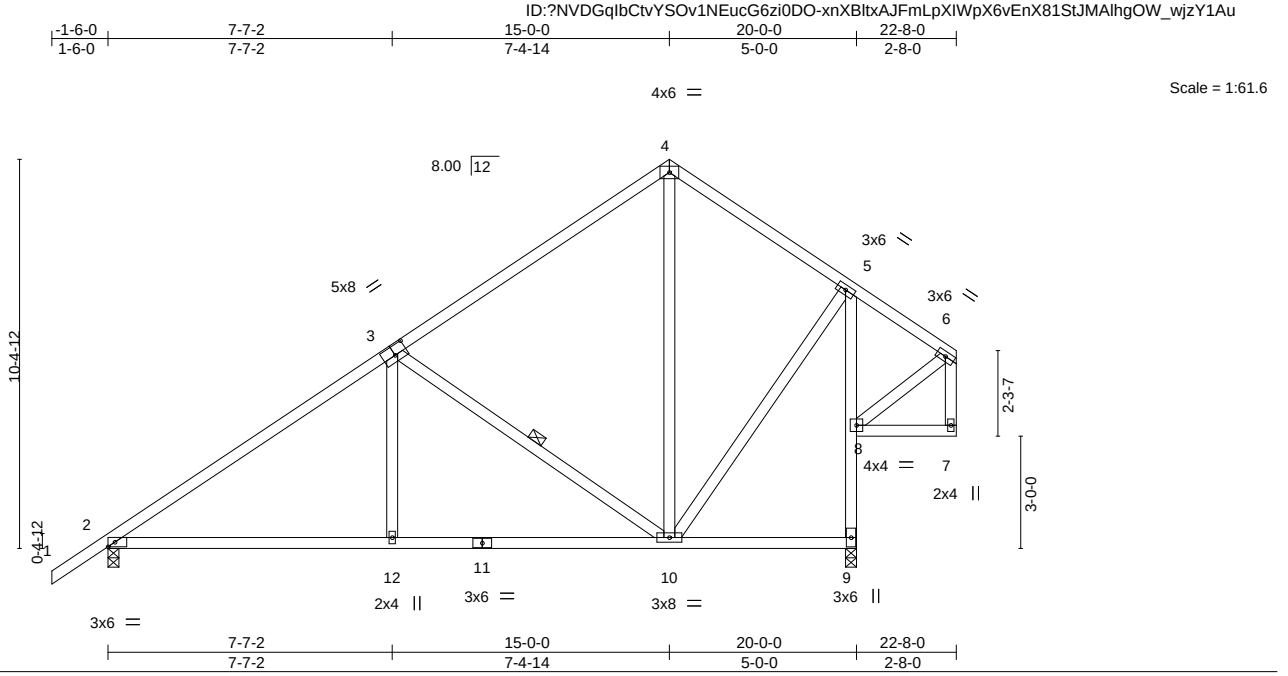


Plate Offsets (X,Y)-- [3:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	0.11	12-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.17	12-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.29	Horz(CT)	0.02	9	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 141 lb	FT = 20%

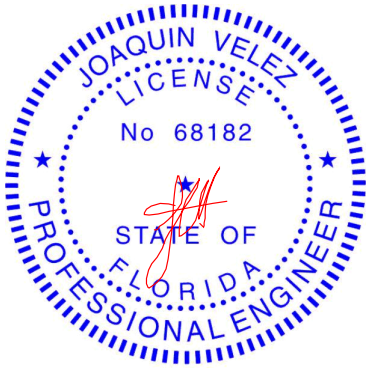
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
5-9: 2x4 SP No.3
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 9=0-3-8
Max Horz 2=390(LC 12)
Max Uplift 2=-306(LC 12), 9=-357(LC 12)
Max Grav 2=805(LC 1), 9=942(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-967/360, 3-4=-442/257, 4-5=-446/281
BOT CHORD 2-12=-471/826, 10-12=-471/826, 8-9=-913/440, 5-8=-838/424
WEBS 3-12=0/326, 3-10=-709/443, 5-10=-198/545

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=306, 9=357.



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March 23,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T07A	Common	1	1	T19767876
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:18 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-Pz5ZyCyo4ZuCQhtjMEe8n?4FRsDV5duqv2GXS9zY1At

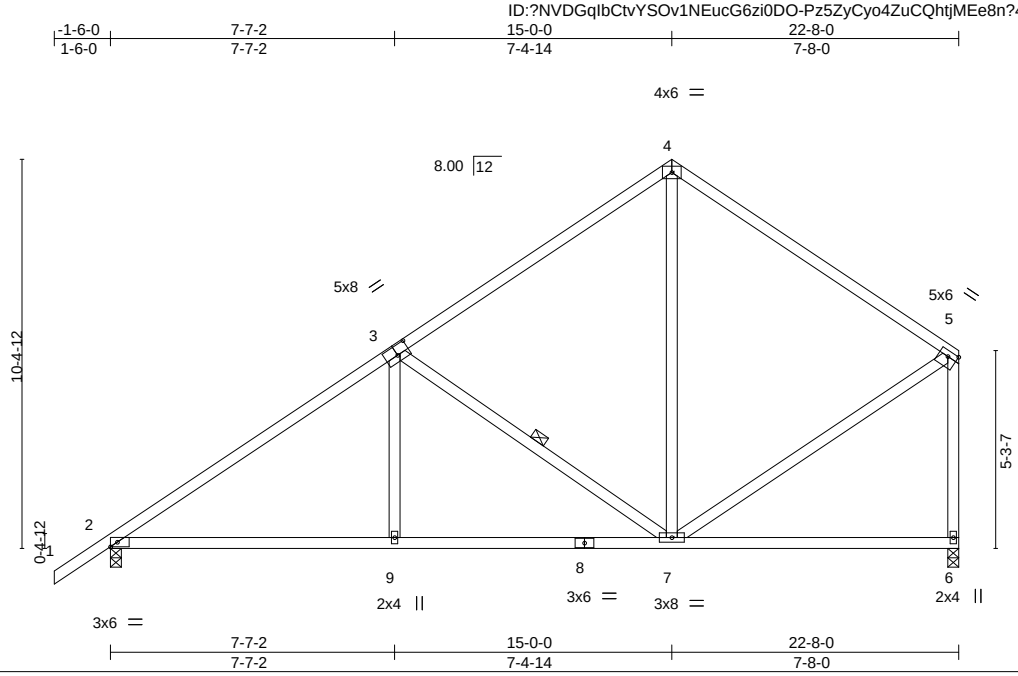


Plate Offsets (X,Y)-- [3:0-4-0,0-3-0], [5:Edge,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.78	Vert(LL)	0.11	9-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.18	9-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 132 lb	FT = 20%

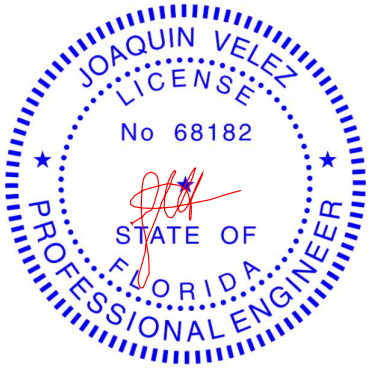
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=390(LC 12)
Max Uplift 2=-349(LC 12), 6=-315(LC 12)
Max Grav 2=917(LC 1), 6=831(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1161/449, 3-4=-647/348, 4-5=-635/332, 5-6=-765/394
BOT CHORD 2-9=-533/974, 7-9=-533/974
WEBS 3-9=0/311, 3-7=-688/440, 4-7=-86/338, 5-7=-193/526

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=349, 6=315.



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Date:

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T08	Roof Special	3	1	T19767877
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:19 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-tAfx9YzQrt032rSvwy9NKCdRQGSqq2o_8i?4_czY1As

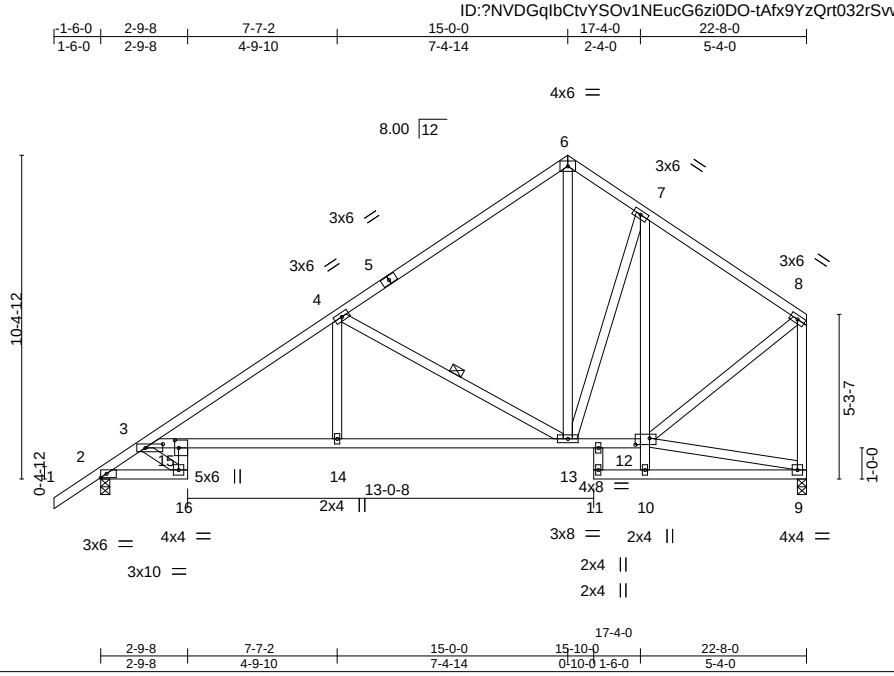


Plate Offsets (X,Y)-- [3:0-6-12,0-1-8], [12:0-5-8,0-2-8], [15:0-3-0,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.70	Vert(LL)	0.41	14-15	>665	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-0.51	14-15	>535	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.20	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 164 lb	FT = 20%

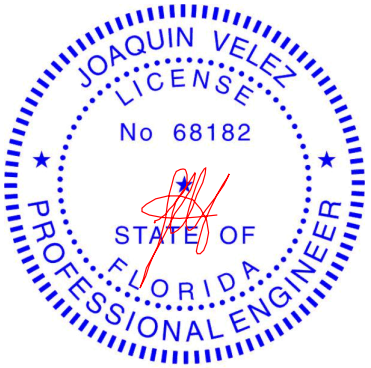
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
15-16,7-10: 2x4 SP No.3, 3-12: 2x4 SP M 31
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 9=0-3-8
Max Horz 2=390(LC 12)
Max Uplift 2=-346(LC 12), 9=-307(LC 12)
Max Grav 2=926(LC 1), 9=855(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-19=-1261/485, 3-4=-1430/607, 4-6=-708/357, 6-7=-726/416, 7-8=-639/313, 8-9=-815/389
BOT CHORD 2-16=-639/1176, 15-16=-375/736, 3-15=-511/983, 14-15=-680/1274, 13-14=-680/1274, 12-13=-177/471
WEBS 4-14=-95/449, 4-13=-946/572, 6-13=-246/533, 8-12=-220/591, 3-16=-1097/600

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=346, 9=307.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
March 23,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T09	Roof Special	2	1	T19767878
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:20 2020 Page 1

ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-MMDJNu_3cA8wg?05UfgcsQ9dDfprZQ77MMleX2zY1Ar

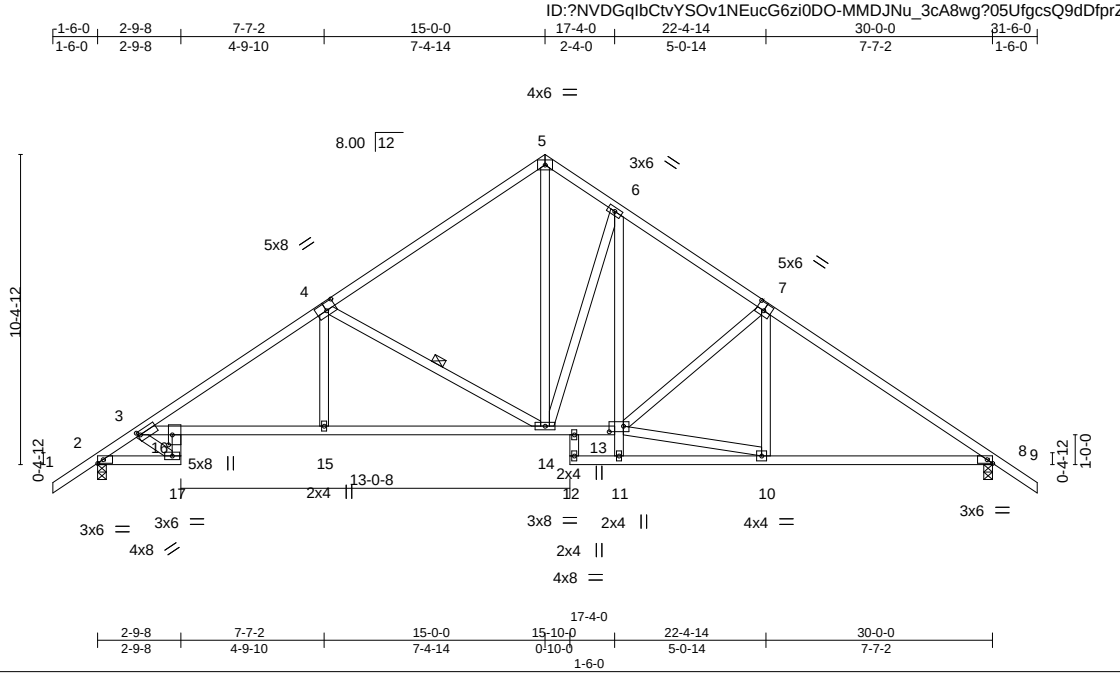


Plate Offsets (X,Y)-- [3:0-1-0,0-1-8], [4:0-4-0,0-3-0], [7:0-3-0,0-3-0], [8:0-2-3,Edge], [13:0-5-12,0-2-4], [16:0-4-0,0-1-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.70	Vert(LL)	0.42	15-16	>867	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.64	15-16	>559	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.77	Horz(CT)	0.27	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 190 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 1-4,7-9: 2x4 SP M 31

BOT CHORD 2x4 SP No.2 *Except* 3-13: 2x4 SP M 31, 6-11: 2x4 SP No.3

WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-11-2 oc purlins.

BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing. Except: 10-0-0 oc bracing: 13-14, 11-13

WEBS 1 Row at midpt 4-14

REACTIONS. (size) 2=0-3-8, 8=0-3-8
Max Horz 2=343(LC 11)
Max Uplift 2=-446(LC 12), 8=-445(LC 13)
Max Grav 2=1206(LC 1), 8=1209(LC 1)

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

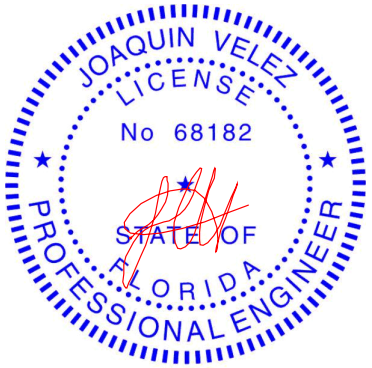
TOP CHORD 3-20=-1701/709, 3-4=-2048/818, 4-5=-1266/599, 5-6=-1274/642, 6-7=-1464/677, 7-8=-1665/679

BOT CHORD 2-17=-593/1377, 16-17=-350/862, 3-16=-509/1454, 15-16=-666/1818, 14-15=-666/1818, 13-14=-220/1115, 6-13=-232/565, 8-10=-395/1303

WEBS 4-15=-79/483, 4-14=-978/566, 5-14=-485/1127, 6-14=-618/346, 10-13=-394/1258, 7-13=-380/318, 3-17=-1294/557

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=446, 8=445.



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6904 Parke East Blvd. Tampa FL 33610
Date:

March 23,2020

MiTek

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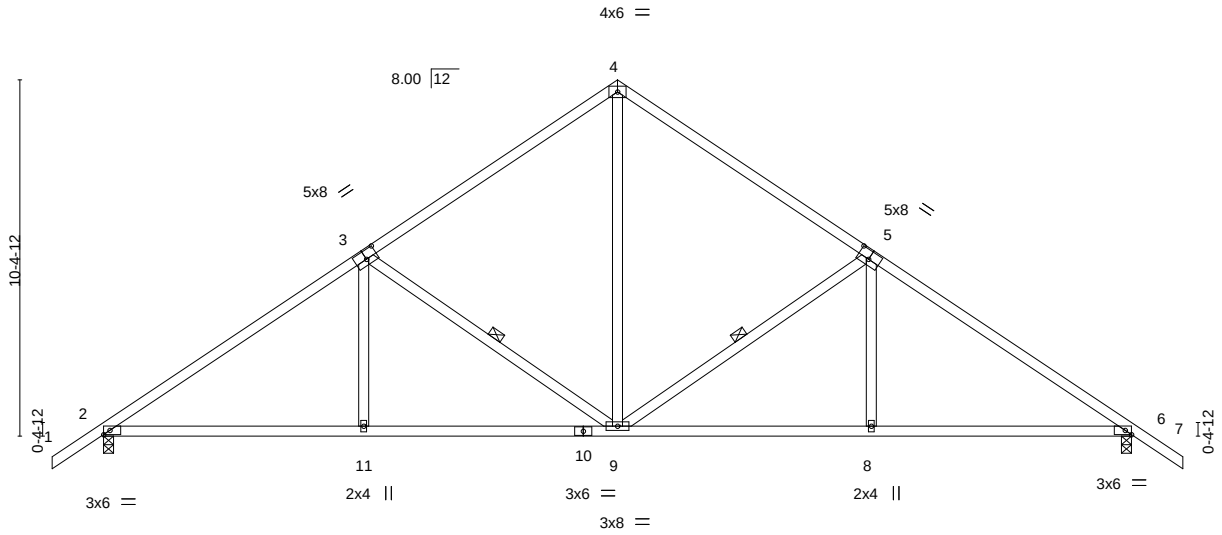
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T10	Common	1	1	T19767879
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:22 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-IlL4oa?J8oOevIAUb4i4xrE_vTaY1JRQqgElbwzY1Ap

1-6-0	7-7-2	15-0-0	22-4-14	30-0-0	31-6-0
1-6-0	7-7-2	7-4-14	7-4-14	7-7-2	1-6-0

Scale = 1:67.2



7-7-2	15-0-0	22-4-14	30-0-0
7-7-2	7-4-14	7-4-14	7-7-2

Plate Offsets (X,Y)-- [3:0-4-0,0-3-0], [5:0-4-0,0-3-0], [6:0-2-3,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	0.62	Vert(LL)	0.12	11-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.19	8-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.06	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 159 lb	FT = 20%

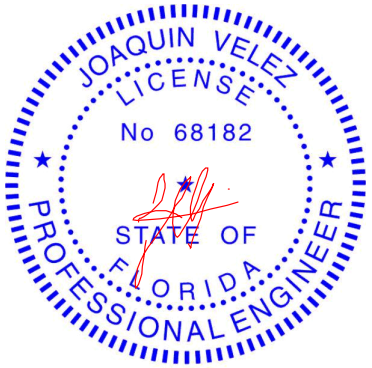
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-9-4 oc bracing.
WEBS 1 Row at midpt 5-9, 3-9

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=-343(LC 10)
Max Uplift 2=-450(LC 12), 6=-450(LC 13)
Max Grav 2=1191(LC 1), 6=1191(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1648/698, 3-4=-1157/598, 4-5=-1157/598, 5-6=-1648/698
BOT CHORD 2-11=-525/1388, 9-11=-525/1388, 8-9=-417/1293, 6-8=-417/1293
WEBS 4-9=-398/907, 5-9=-691/440, 5-8=0/317, 3-9=-691/439, 3-11=0/317

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=450, 6=450.



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Date:

March 23,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T11	Common	6	1	T19767880
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:23 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-mxuS?w0xv5WVXSlg9oDJU2n9VtvgmlSZ3KzI7NzY1Ao

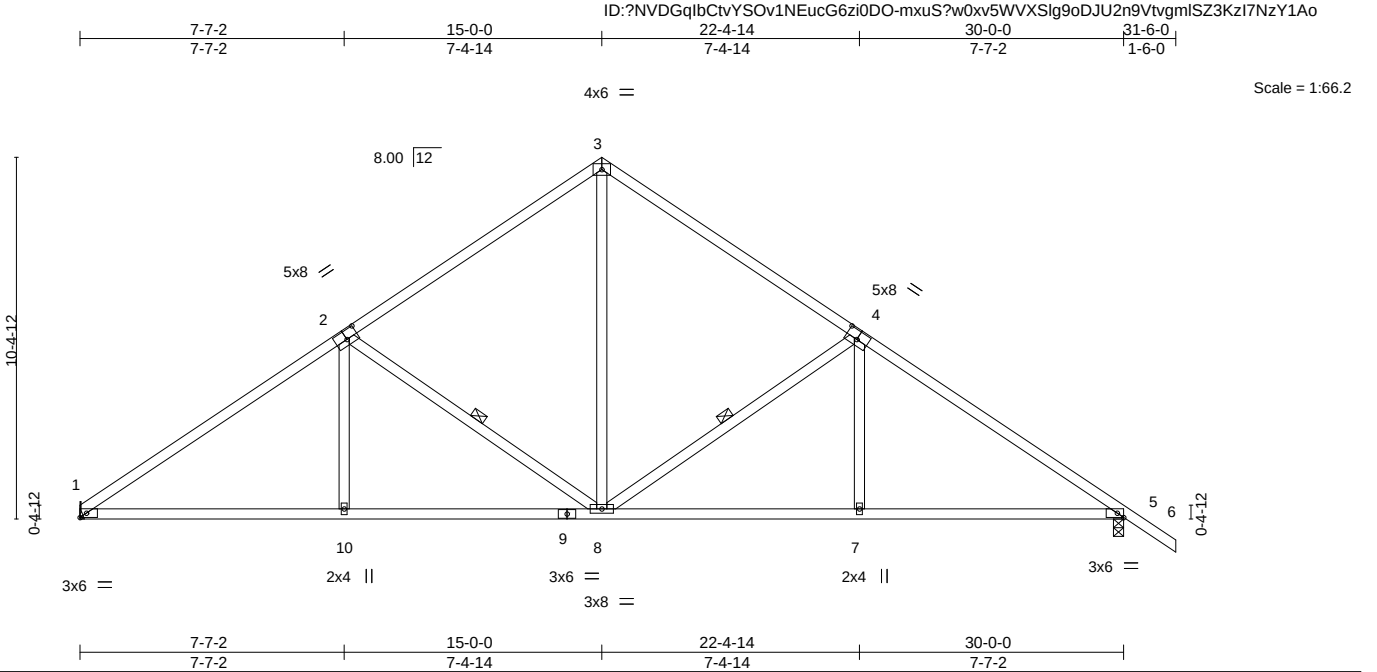


Plate Offsets (X,Y)-- [2:0-4-0,0-3-0], [4:0-4-0,0-3-0], [5:0-2-3,Edge]

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)	0.14	10-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.19	10-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.79	Horz(CT)	0.06	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 156 lb	FT = 20%

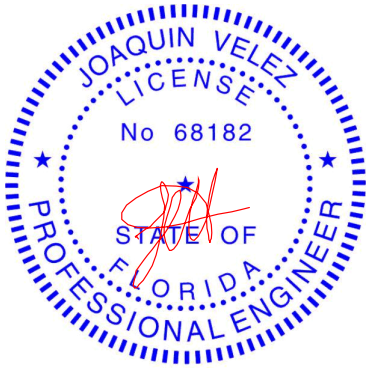
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-4-7 oc bracing.
WEBS 1 Row at midpt 4-8, 2-8

REACTIONS. (size) 1=Mechanical, 5=0-3-8
Max Horz 1=-332(LC 10)
Max Uplift 1=-399(LC 12), 5=-451(LC 13)
Max Grav 1=1108(LC 1), 5=1193(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1660/711, 2-3=-1161/604, 3-4=-1161/604, 4-5=-1652/704
BOT CHORD 1-10=-535/1401, 8-10=-535/1401, 7-8=-422/1296, 5-7=-422/1296
WEBS 3-8=-406/912, 4-8=-691/440, 4-7=0/317, 2-8=-686/449, 2-10=0/318

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=399, 5=451.



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Date:

March 23,2020

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T11G	Common Supported Gable	1	1	T19767881
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:24 2020 Page 1
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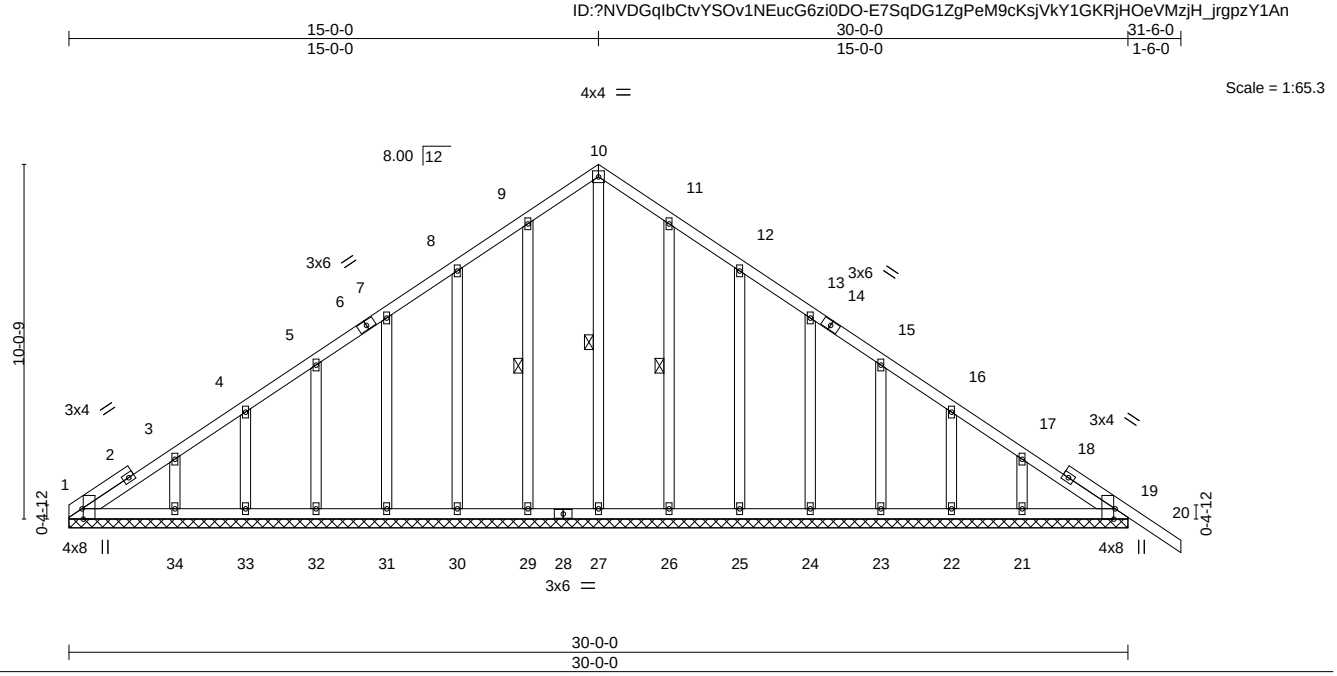


Plate Offsets (X,Y)-- [1:0-3-8,Edge], [19:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	Vert(LL)	-0.01	20	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.01	20	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	19	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 206 lb	FT = 20%

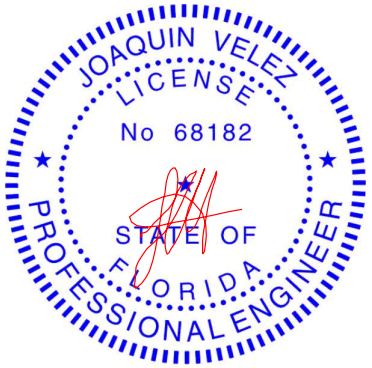
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 10-27, 9-29, 11-26

REACTIONS. All bearings 30-0-0.
(lb) - Max Horz 1=-322(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 27, 19 except 29=-107(LC 12), 30=-116(LC 12), 31=-111(LC 12), 32=-113(LC 12), 33=-108(LC 12), 34=-124(LC 12), 26=-102(LC 13), 25=-118(LC 13), 24=-111(LC 13), 23=-111(LC 13), 22=-114(LC 13), 21=-105(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 29, 30, 31, 32, 33, 34, 26, 25, 24, 23, 22, 21, 19 except 27=251(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-289/243, 8-9=-193/253, 9-10=-250/302, 10-11=-250/302
BOT CHORD 1-34=-172/252, 33-34=-172/252, 32-33=-172/252, 31-32=-172/252, 30-31=-172/252, 29-30=-172/252, 27-29=-172/252, 26-27=-172/252, 25-26=-172/252, 24-25=-172/252, 23-24=-172/252, 22-23=-172/252, 21-22=-172/252, 19-21=-172/252

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 27, 19 except (jt=lb) 29=107, 30=116, 31=111, 32=113, 33=108, 34=124, 26=102, 25=118, 24=111, 23=111, 22=114, 21=105.



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Date:

March 23,2020

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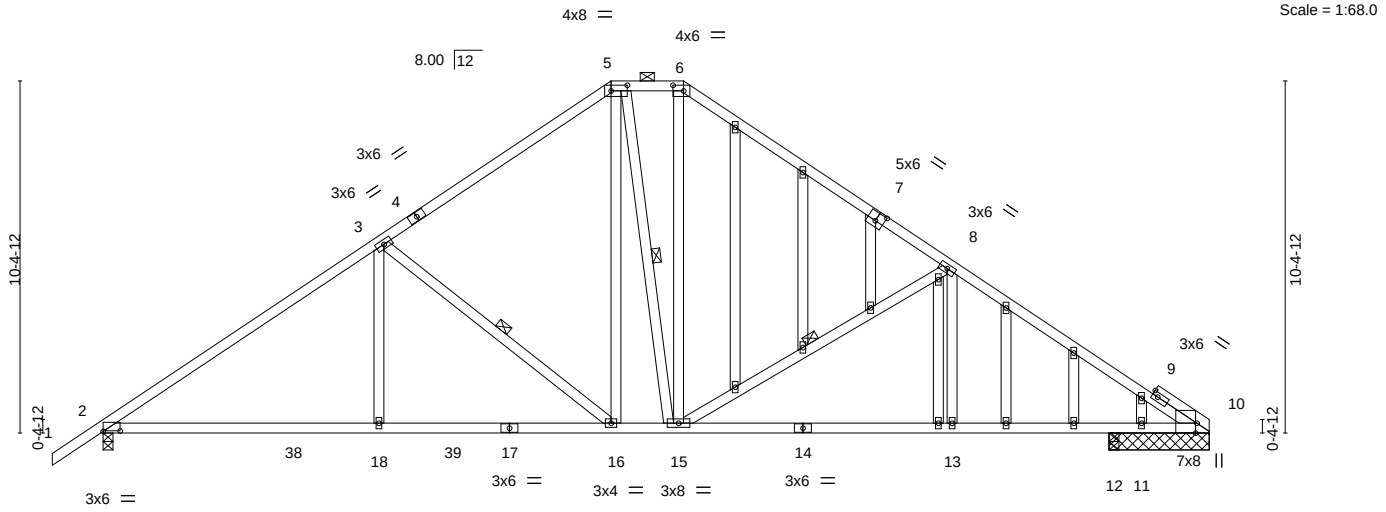
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T12G	GABLE Gable I Gable COMMON	1	1	T19767882
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:26 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-AWaadx2pC0u4OwUFqwn06hPeE4tzzCb?lICykizY1Al

1-6-0	8-1-12	15-0-0	17-1-11	25-0-14	32-8-0
1-6-0	8-1-12	6-10-4	2-1-11	7-11-3	7-7-2

Scale = 1:68.0



8-1-12	15-0-0	17-1-11	25-0-14	30-0-0	32-8-0
8-1-12	6-10-4	2-1-11	7-11-3	4-11-2	2-8-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.73	Vert(LL)	0.17	18-33	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.28	13-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.07	34	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 236 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 9-10: 2x4 SP M 31
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 2-2-0 oc purlins, except 2-0-0 oc purlins (5-2-10 max.): 5-6.
BOT CHORD	Rigid ceiling directly applied or 7-4-14 oc bracing.
WEBS	1 Row at midpt 3-16, 5-15, 8-15

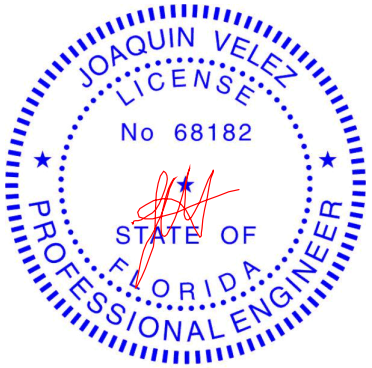
REACTIONS. All bearings 2-11-8 except (jt=length) 2=0-3-8, 12=0-3-8.
(lb) - Max Horz 2=333(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 12 except 2=-470(LC 12), 10=-178(LC 13), 11=-391(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 12 except 2=1262(LC 1), 10=746(LC 1), 11=556(LC 20), 10=746(LC 1)

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

TOP CHORD	2-3=-1753/750, 3-5=-1239/667, 5-6=-1083/639, 6-8=-1264/651, 8-10=-1611/747
BOT CHORD	2-18=-551/1555, 16-18=-551/1555, 15-16=-210/967, 13-15=-507/1388, 12-13=-507/1388, 11-12=-507/1388, 10-11=-507/1388
WEBS	3-18=0/347, 3-16=-757/439, 5-16=-226/489, 6-15=-182/443, 8-15=-633/417, 8-13=0/265

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12 except (jt=lb) 2=470, 10=178, 11=391, 10=178.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

March 23,2020

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T13	Piggyback Base	10	1	T19767883 Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:28 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-7uiL2d44je9odDeeyLpUB6U?aud1R3YICch3pazY1Aj

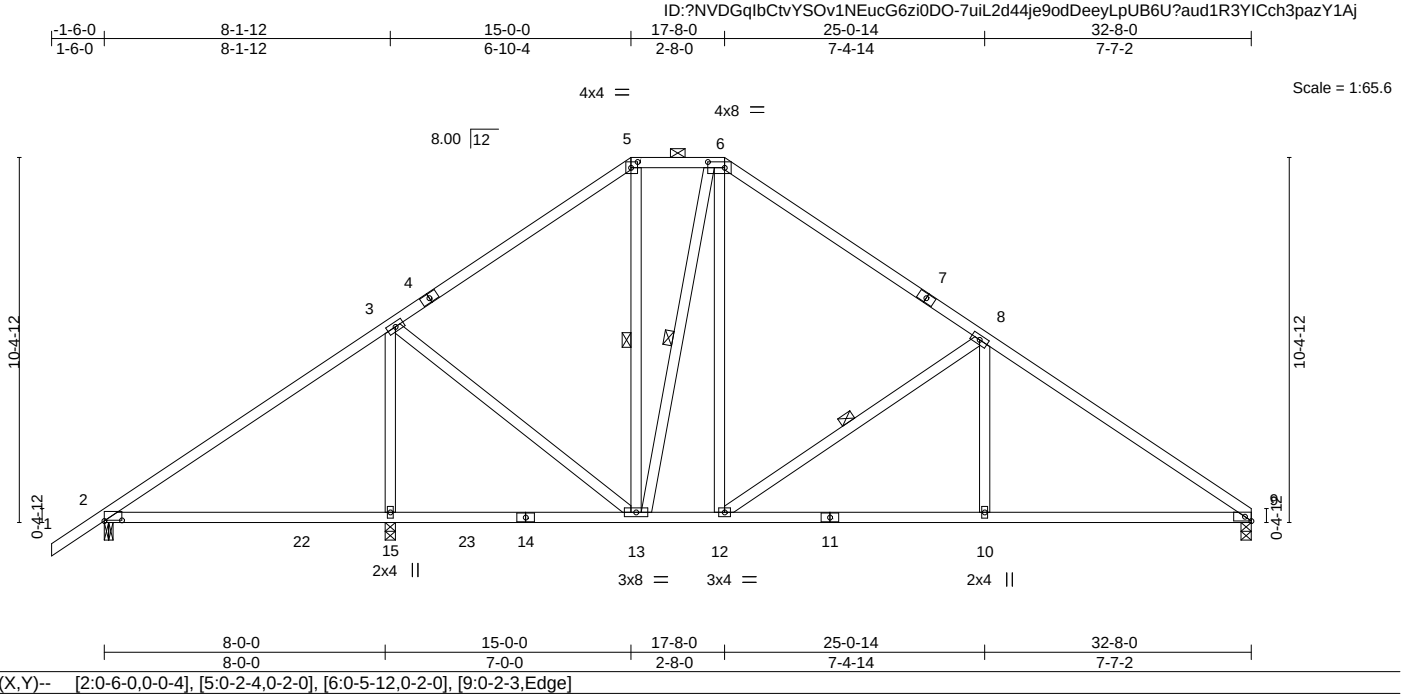


Plate Offsets (X,Y)-- [2:0-6-0,0-0-4], [5:0-2-4,0-2-0], [6:0-5-12,0-2-0], [9:0-2-3,Edge]

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	0.68	Vert(LL)	0.30	15-18	>330	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	0.25	15-18	>388	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.02	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 194 lb	FT = 20%

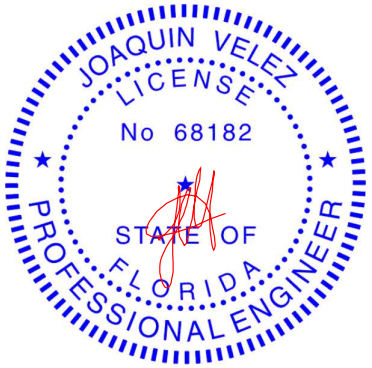
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-0, 15=0-3-8, 9=0-3-8
Max Horz 15=333(LC 9)
Max Uplift 2=-181(LC 12), 15=-395(LC 12), 9=-347(LC 13)
Max Grav 2=401(LC 23), 15=1237(LC 1), 9=898(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-5=-671/455, 5-6=-603/450, 6-8=-751/483, 8-9=-1292/593
BOT CHORD 13-15=-281/228, 12-13=-94/524, 10-12=-371/1001, 9-10=-371/1001
WEBS 3-15=-1033/437, 3-13=-72/521, 6-13=-402/209, 6-12=-231/489, 8-12=-711/454, 8-10=0/336

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=181, 15=395, 9=347.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T14G	GABLE I I	1	1	T19767884
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:29 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-b5GjGz5iUxHfFNCqV2KjkJ19TlufAYGSRGQcL0zY1Ai

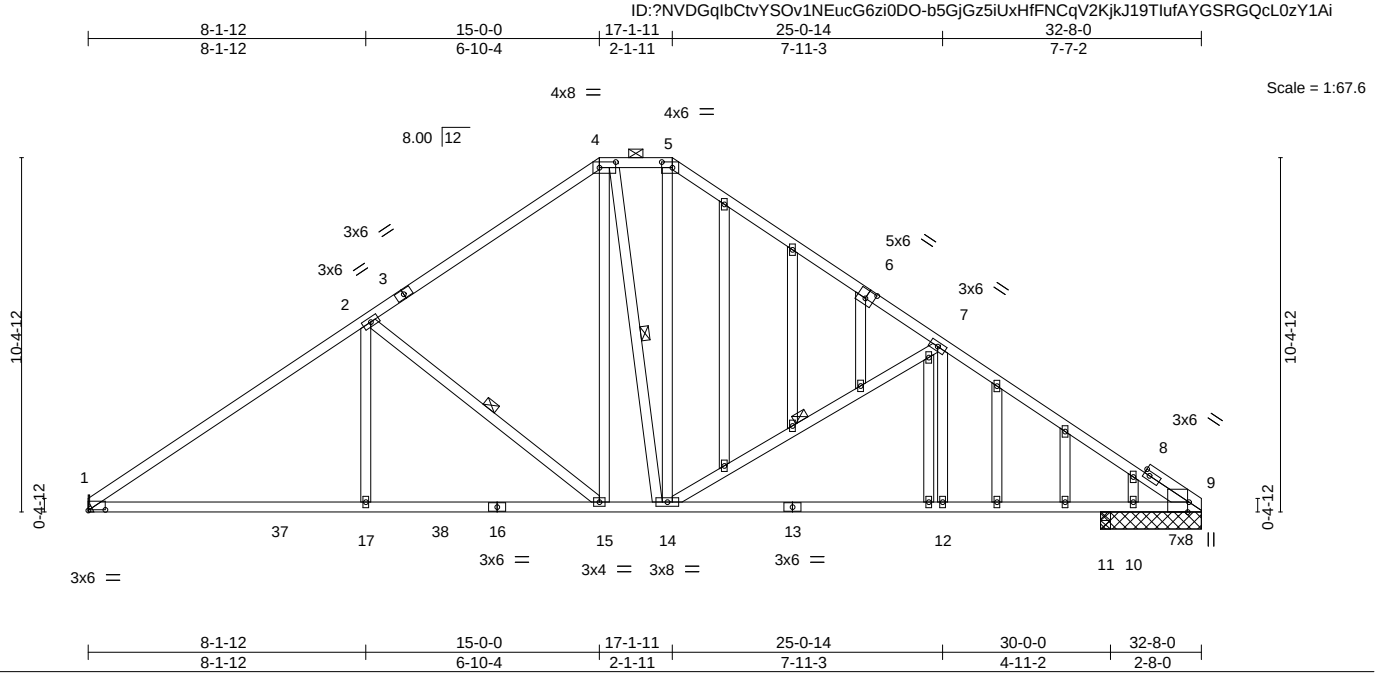


Plate Offsets (X,Y)-- [1:0-6-0,0-0-4], [4:0-5-12,0-2-0], [5:0-3-12,0-2-0], [6:0-3-0,0-3-0], [9:0-3-8,Edge]

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	0.73	Vert(LL)	0.19	17-32	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.28	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.07	33	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 234 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 8-9: 2x4 SP M 31
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 2-2-0 oc purlins, except 2-0-0 oc purlins (5-2-11 max.): 4-5.
BOT CHORD	Rigid ceiling directly applied or 7-2-11 oc bracing.
WEBS	1 Row at midpt 2-15, 4-14, 7-14

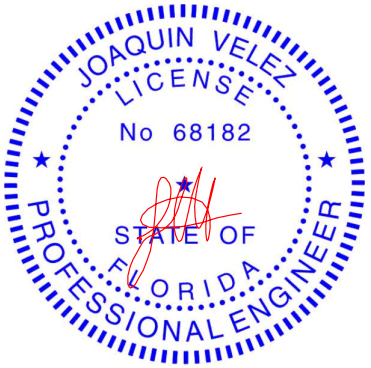
REACTIONS. All bearings 2-11-8 except (jt=length) 1=Mechanical, 11=0-3-8.
(lb) - Max Horz 1=312(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 11 except 1=-418(LC 12), 9=-179(LC 13), 10=-391(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 11 except 1=1180(LC 1), 9=747(LC 1), 10=557(LC 20), 9=747(LC 1)

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

TOP CHORD	1-2=-1764/760, 2-4=-1243/670, 4-5=-1081/641, 5-7=-1268/654, 7-9=-1614/750
BOT CHORD	1-17=-562/1566, 15-17=-562/1566, 14-15=-212/970, 12-14=-510/1391, 11-12=-510/1391, 10-11=-510/1391, 9-10=-510/1391
WEBS	2-17=0/348, 2-15=-768/449, 4-15=-228/491, 5-14=-183/444, 7-14=-633/417, 7-12=0/265

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11 except (jt=lb) 1=418, 9=179, 10=391, 9=179.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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March 23,2020

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T15G	Common Supported Gable	1	1	T19767885
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:30 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-3Hq5TJ5KFFPVtXn03mryGXaT7hROv6ybgwAAtTzY1Ah

-1-6-0 | 6-4-0 | 12-8-0 | 14-2-0
1-6-0 | 6-4-0 | 6-4-0 | 1-6-0

Scale = 1:27.9

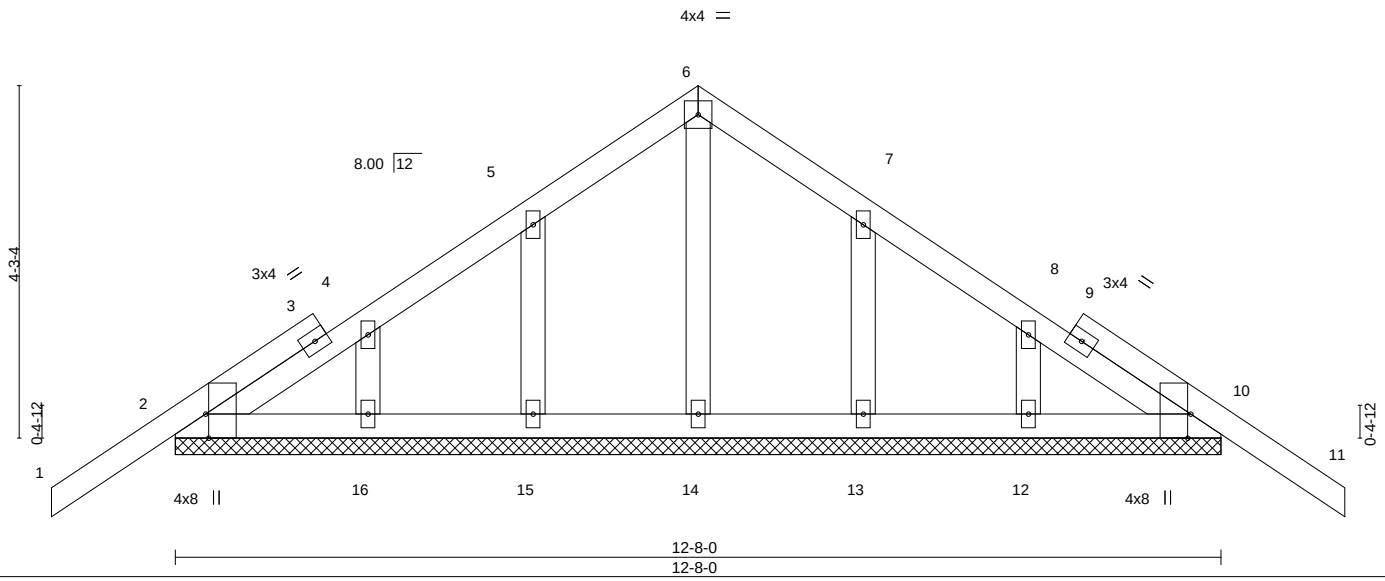


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [10:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	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	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 68 lb	FT = 20%

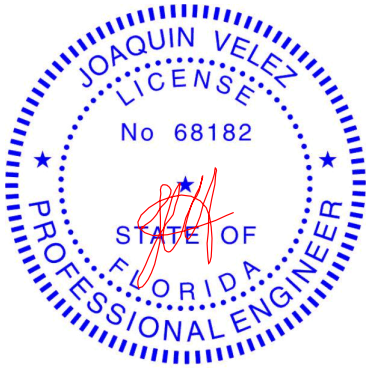
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 12-8-0.
(lb) - Max Horz 2=-152(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10, 16, 12 except 15=-124(LC 12), 13=-122(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 10, 14, 15, 16, 13, 12

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10, 16, 12 except (jt=lb) 15=124, 13=122.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.



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March 23,2020

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T16	Common Girder	1	2	T19767886
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:32 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-?gxru?7ansfD6rxPBBuQLxfnoVymNrbu7DfGyLzY1Af

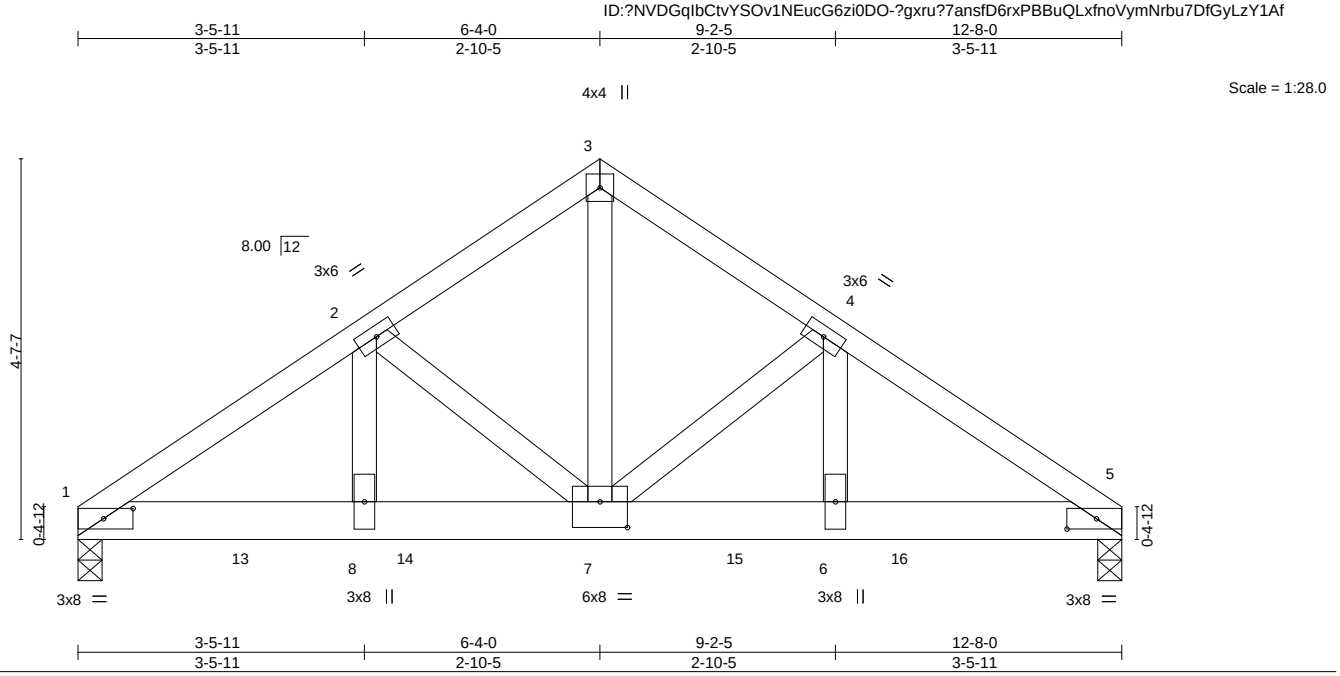


Plate Offsets (X,Y)-- [1:0-4-5,0-1-8], [5:0-4-5,0-1-8], [7:0-4-0,0-3-12]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	-0.05	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.75	Vert(CT)	-0.09	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.73	Horz(CT)	0.03	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 148 lb	FT = 20%

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

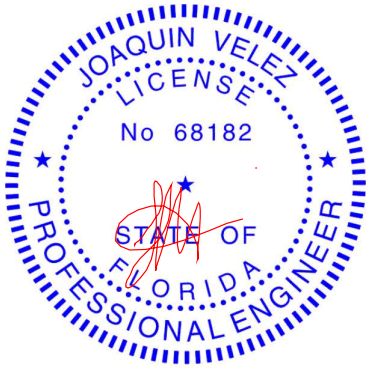
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-3-8, 5=0-3-8
Max Horz 1=-131(LC 23)
Max Uplift 1=-1235(LC 8), 5=-1530(LC 9)
Max Grav 1=3335(LC 1), 5=4134(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-5149/1904, 2-3=-3661/1398, 3-4=-3663/1399, 4-5=-5350/1979
BOT CHORD 1-8=-1609/4269, 7-8=-1609/4269, 6-7=-1595/4445, 5-6=-1595/4445
WEBS 3-7=-1447/3849, 4-7=-1832/778, 4-6=-685/1906, 2-7=-1605/693, 2-8=-597/1670

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=1235, 5=1530.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1088 lb down and 419 lb up at 2-0-12, 1088 lb down and 419 lb up at 4-0-12, 1088 lb down and 419 lb up at 6-0-12, 1088 lb down and 419 lb up at 8-0-12, and 1088 lb down and 419 lb up at 10-0-12, and 1092 lb down and 415 lb up at 12-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

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



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Continued on page 2

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 7=-1088(B) 12=-1092(B) 13=-1088(B) 14=-1088(B) 15=-1088(B) 16=-1088(B)

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T17	Common	1	1	T19767887
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:33 2020 Page 1
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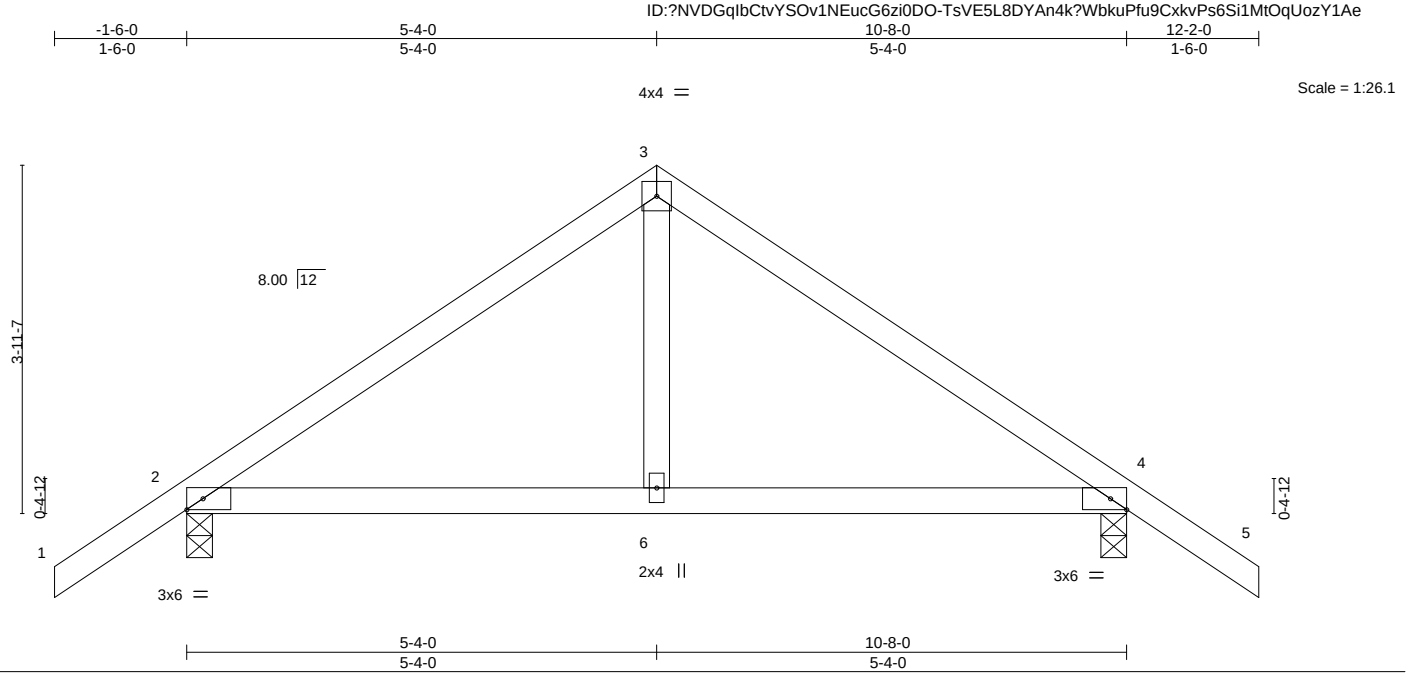


Plate Offsets (X,Y)-- [4:0-2-3,Edge]

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	0.33	Vert(LL)	0.05	6-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	0.05	6-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 46 lb	FT = 20%

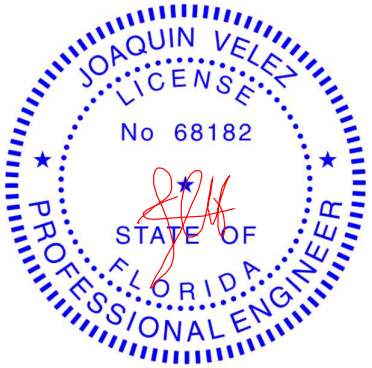
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-9-7 oc bracing.

REACTIONS. (size) 2=0-3-8, 4=0-3-8
Max Horz 2=-142(LC 10)
Max Uplift 2=-195(LC 12), 4=-195(LC 13)
Max Grav 2=476(LC 1), 4=476(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-455/553, 3-4=-455/553
BOT CHORD 2-6=-319/318, 4-6=-319/318
WEBS 3-6=-381/242

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=195, 4=195.



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Date:

March 23,2020

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T17G	GABLE	1	1	T19767888
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:34 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-x23cJh8rJUvxL85nIbwuRMk5cJlprvHBaX8N0EzY1Ad

-1-6-0 | 5-4-0 | 10-8-0 | 12-2-0
1-6-0 | 5-4-0 | 5-4-0 | 1-6-0

Scale = 1:24.8

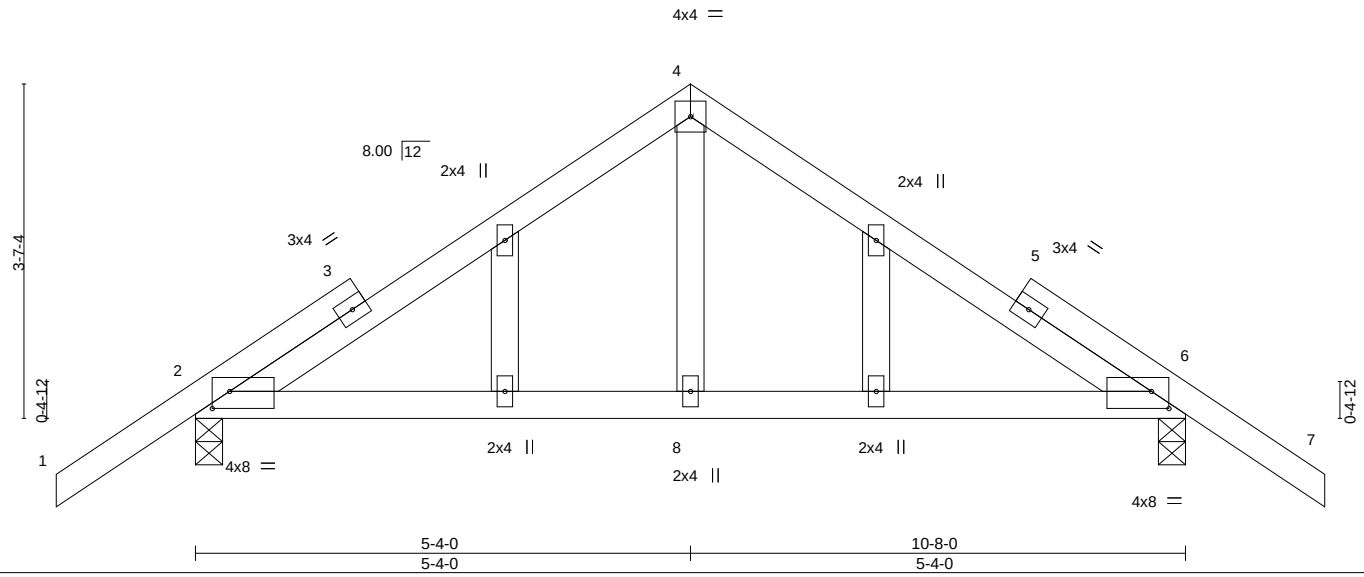


Plate Offsets (X,Y)-- [2:0-2-4,0-2-3], [6:0-2-4,0-2-3]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	0.05	8-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.26	Vert(CT)	-0.04	8-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	-0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 55 lb	FT = 20%

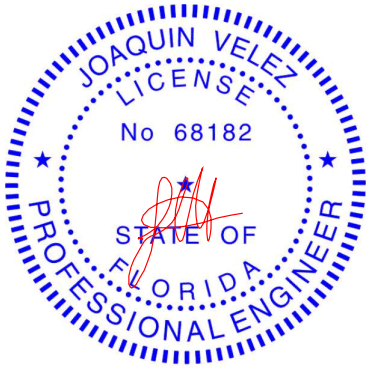
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-9-12 oc bracing.

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=-131(LC 10)
Max Uplift 2=-198(LC 12), 6=-198(LC 13)
Max Grav 2=473(LC 1), 6=473(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-377/497, 4-6=-377/496
BOT CHORD 2-8=-699/613, 6-8=-699/613
WEBS 4-8=-324/214

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=198, 6=198.



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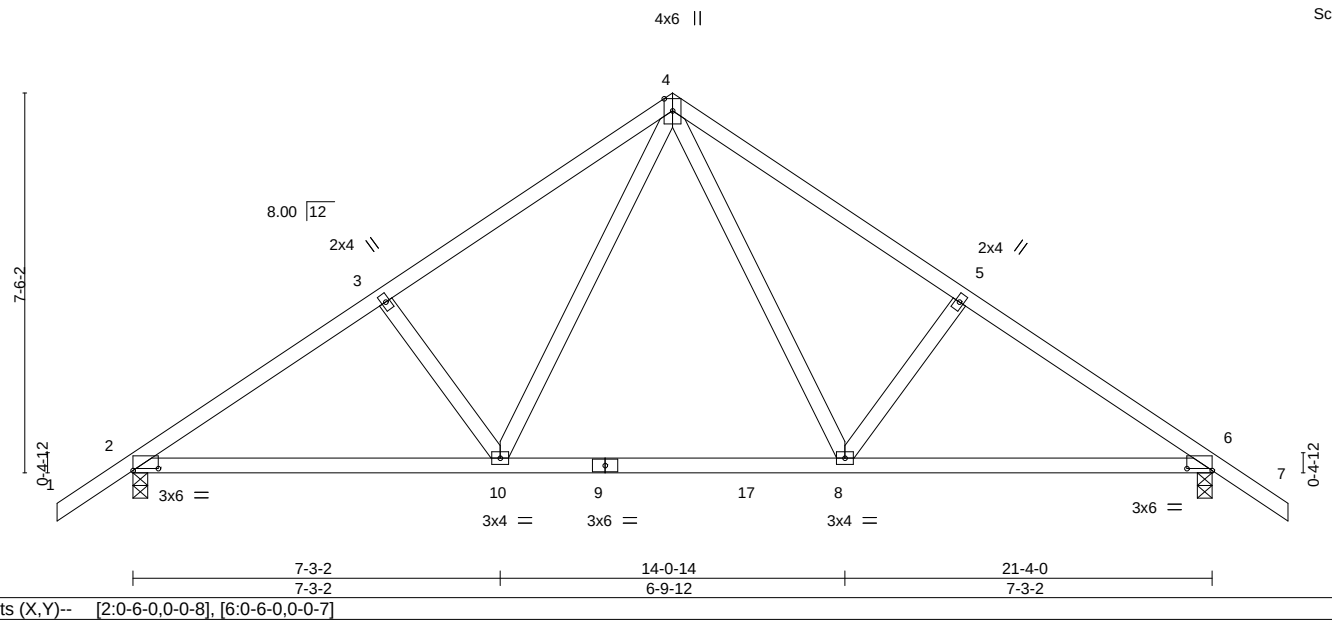
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T18	Common	2	1	T19767889
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:35 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-QFd_W09T4n1ozIg_sJR7zaHEyi2kaAkKpBtxYgzY1Ac

-1-6-0	4-11-15	10-8-0	16-4-1	21-4-0	22-10-0
1-6-0	4-11-15	5-8-1	5-8-1	4-11-15	1-6-0

Scale = 1:45.5



7-3-2	14-0-14	21-4-0
7-3-2	6-9-12	7-3-2

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.48	Vert(LL)	0.14	8-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.14	8-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 110 lb	FT = 20%

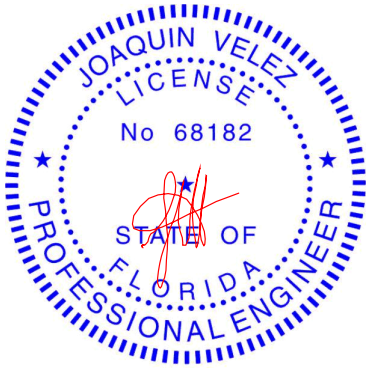
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-6-10 oc bracing.

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=-253(LC 10)
Max Uplift 2=-335(LC 12), 6=-335(LC 13)
Max Grav 2=870(LC 1), 6=870(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1141/1282, 3-4=-998/1302, 4-5=-998/1302, 5-6=-1141/1282
BOT CHORD 2-10=-954/905, 8-10=-493/584, 6-8=-963/905
WEBS 4-8=-687/424, 5-8=-348/306, 4-10=-688/424, 3-10=-348/307

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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=335, 6=335.



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March 23,2020

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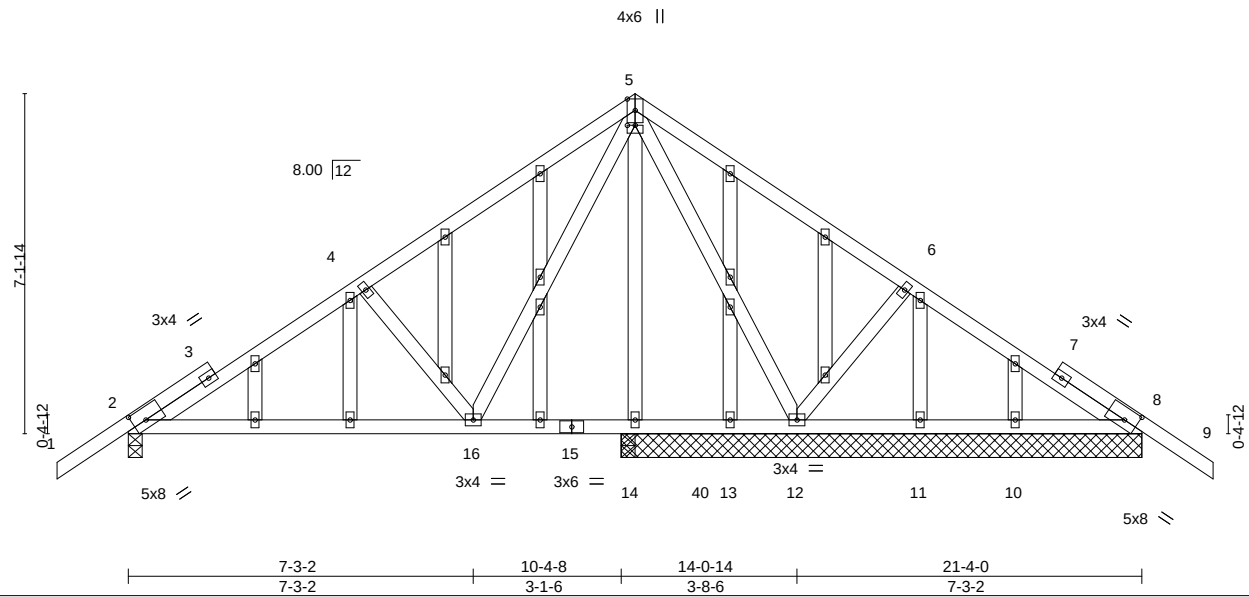
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - LOT 33 WBN
2302100	T18G	GABLE	1	1	T19767890
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Mon Mar 23 14:15:36 2020 Page 1
ID:?NVDGqIbCtvYSOv1NEucG6zi0DO-uRBMkMA5r59fbSFAQ0yMWnqPQ6P0JfoU2rdU56zY1Ab

-1-6-0	4-11-15	10-8-0	16-4-1	21-4-0	22-10-0
1-6-0	4-11-15	5-8-1	5-8-1	4-11-15	1-6-0

Scale = 1:48.5



7-3-2	10-4-8	14-0-14	21-4-0
7-3-2	3-1-6	3-8-6	7-3-2

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.49	Vert(LL)	0.12	16-34	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.11	16-34	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.01	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 159 lb	FT = 20%

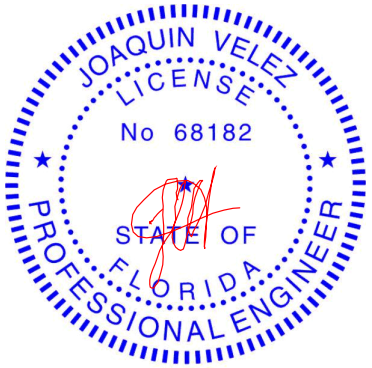
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 10-11-8 except (jt=length) 2=0-3-8, 14=0-3-8, 14=0-3-8.
(lb) - Max Horz 2=242(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 10, 14 except 2=-232(LC 12), 8=-123(LC 13), 12=-350(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 8, 13, 11, 10, 14, 14, 8 except 2=545(LC 1), 12=806(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-540/587, 4-5=-435/586, 5-6=-91/281
BOT CHORD 2-16=-401/494
WEBS 5-12=-616/548, 6-12=-336/300, 5-16=-642/415, 4-16=-376/347

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) 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, 14 except (jt=lb) 2=232, 8=123, 12=350, 8=123.



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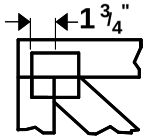
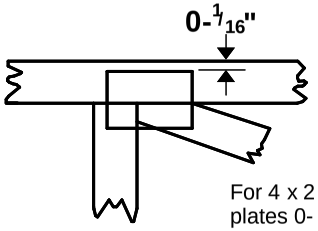
Symbols

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.

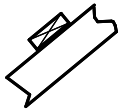
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

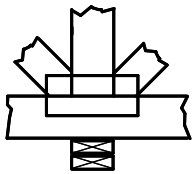
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

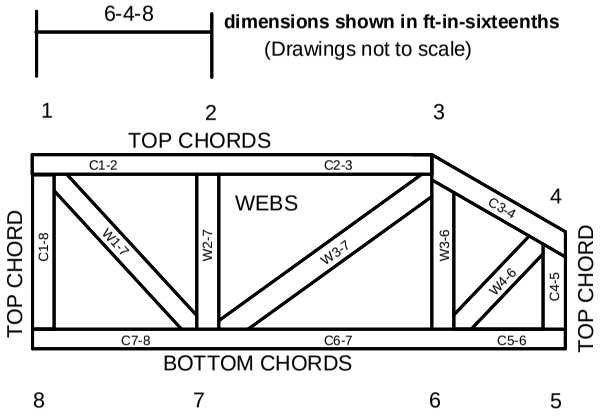


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.