9.11.20

COLUMBIA COUNTY BUILDING DEPARTMENT
Received for FILE COPY
Code Compliance
PLANS EXAMINER

RE: 2435649
LIPSCOMB-EAGLE - LOT 30 TC

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

Site Information:

Customer: Lipscomb Eagle Project Name: 2435649
Lot/Block: 30 Model: Custom
Address: N/A Subdivision: Turkey Creek
City: Columbia Cty State: FL

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 40 individual, dated 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	T20988768	CJ01	9/11/2020	21	T20988788	T11	9/11/2020
2	T20988769	CJ02	9/11/2020	22	T20988789	T12	9/11/2020
3	T20988770	CJ03	9/11/2020	23	T20988790	T13	9/11/2020
4	T20988771	CJ04	9/11/2020	24	T20988791	T14	9/11/2020
5	T20988772	CJ05	9/11/2020	25	T20988792	T15	9/11/2020
6	T20988773	EJ01	9/11/2020	26	T20988793	T16	9/11/2020
7	T20988774	EJ02	9/11/2020	27	T20988794	T16G	9/11/2020
8	T20988775	HJ01	9/11/2020	28	T20988795	V01	9/11/2020
9	T20988776	HJ02	9/11/2020	29	T20988796	V02	9/11/2020
10	T20988777	T01	9/11/2020	30	T20988797	V03	9/11/2020
11	T20988778	T01G	9/11/2020	31	T20988798	V04	9/11/2020
12	T20988779	T02	9/11/2020	32	T20988799	V05	9/11/2020
13	T20988780	T03	9/11/2020	33	T20988800	V06	9/11/2020
14	T20988781	T04	9/11/2020	34	T20988801	V07	9/11/2020
15	T20988782	T05	9/11/2020	35	T20988802	V08	9/11/2020
16	T20988783	T06	9/11/2020	36	T20988803	V09	9/11/2020
17	T20988784	T07	9/11/2020	37	T20988804	V10	9/11/2020
18	T20988785	T08	9/11/2020	38	T20988805	V11	9/11/2020
19	T20988786	T09	9/11/2020	39	T20988806	V12	9/11/2020
20	T20988787	T10	9/11/2020	40	T20988807	V13	9/11/2020

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: Albani, Thomas
My license renewal date for the state of Florida is February 28, 2021.
Florida COA: 6634

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. Any project specific information included is for MiTek customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek 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.

Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 11, 2020

Albani, Thomas

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988768
2435649	CJ01	Jack-Open	10	1	Job Reference (optiona)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:02 2020 Page 1
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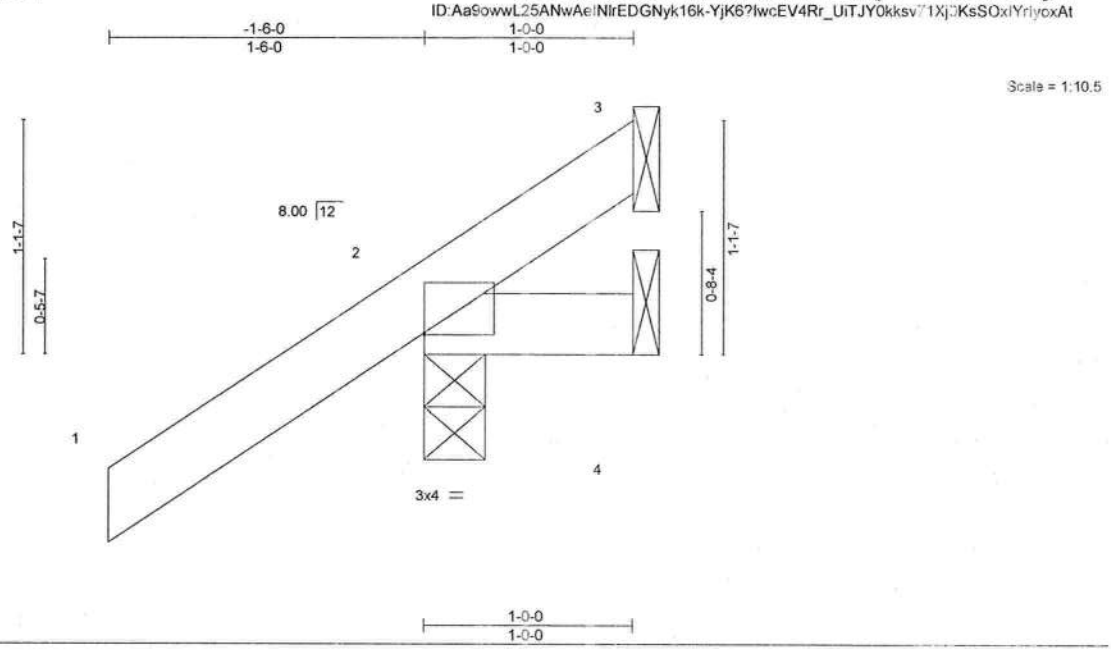

Plate Offsets (X,Y)-- [2:0-0-0,0-0-2]

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 9), 2=-105(LC 12), 4=-26(LC 19)
Max Grav 3=8(LC 8), 2=179(LC 1), 4=28(LC 16)

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

NOTES- (6)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=105.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988769
2435649	CJ02	Jack-Open	8	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:02 2020 Page 1
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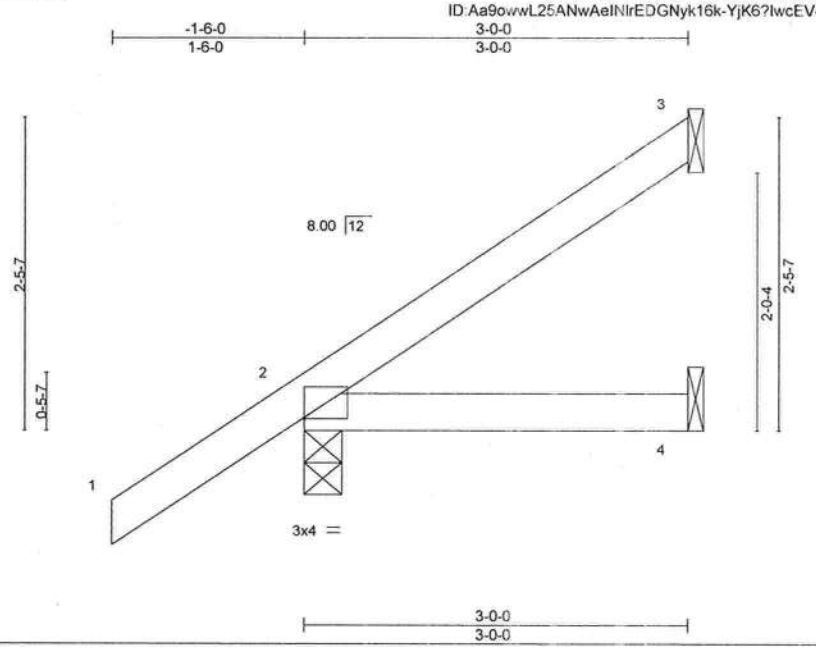

Plate Offsets (X,Y)-- [2:0-0-0,0-0-2]

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	0.13	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code 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=-68(LC 12), 2=-82(LC 12), 4=-27(LC 9)
Max Grav 3=68(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- (6)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 4.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988770
2435649	CJ03	Jack-Open	8	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:03 2020 Page 1
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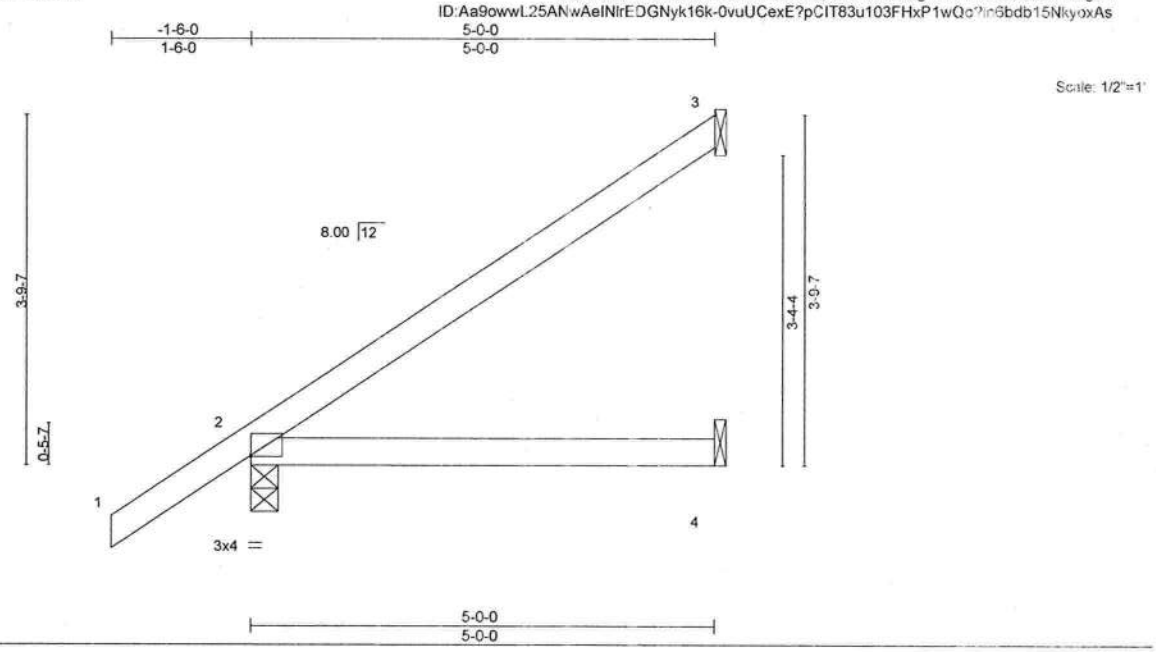

Plate Offsets (X,Y)-- [2:0-0-0,0-0-2]

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)	0.09	4-7	>883	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	0.08	4-7	>783	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 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=-124(LC 12), 2=-87(LC 12), 4=-48(LC 9)
Max Grav 3=127(LC 19), 2=276(LC 1), 4=90(LC 3)

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

NOTES- (6)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4 except (jt=lb) 3=124.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988771
2435649	CJ04	Jack-Open	2	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:04 2020 Page 1
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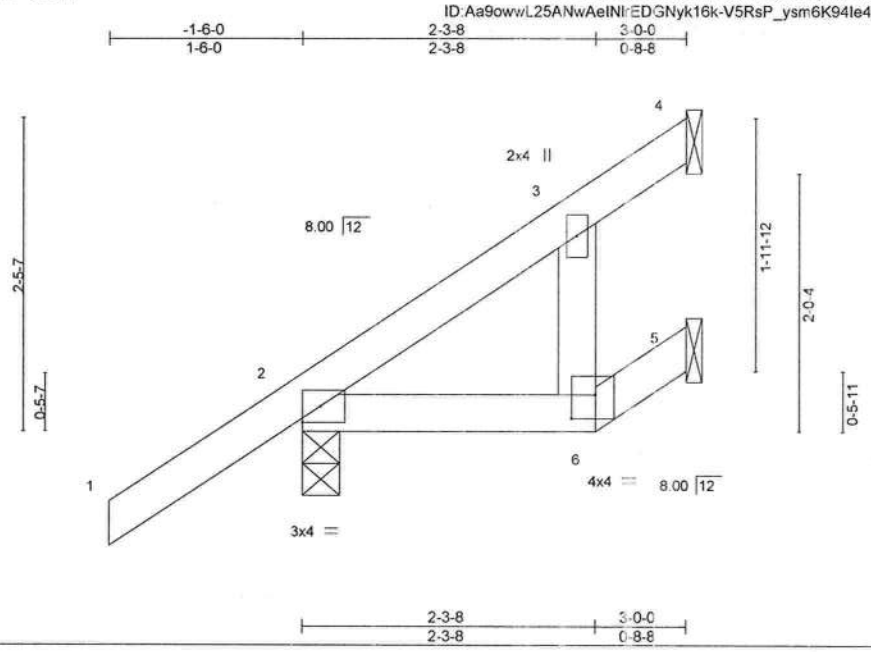

Plate Offsets (X,Y)-- [6:0-2-4,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	-0.01	6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	-0.02	6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 15 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 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical
Max Horz 2=137(LC 12)
Max Uplift 4=-70(LC 12), 2=-82(LC 12)
Max Grav 4=96(LC 19), 2=210(LC 1), 5=13(LC 3)

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

NOTES- (6)
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.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988772
2435649	CJ05	Jack-Open	2	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:04 2020 Page 1
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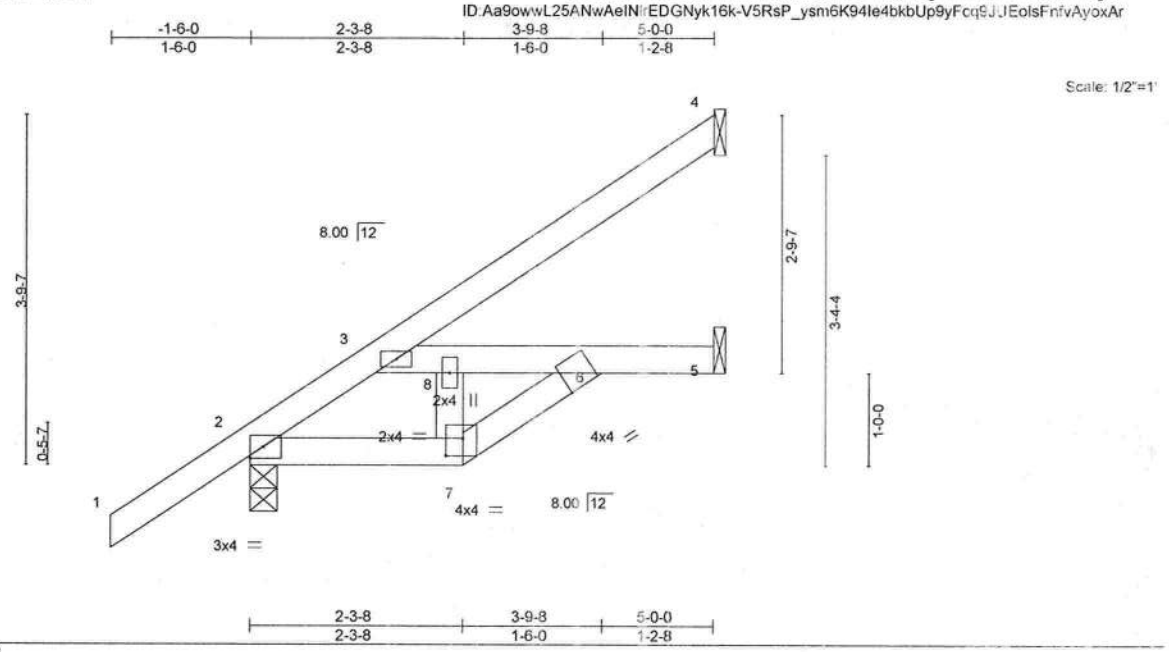

Plate Offsets (X,Y)-- [7:0-2-4,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	-0.02	6-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.30	Vert(CT)	-0.03	6-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 24 lb	FT = 20%

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

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

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical
Max Horz 2=202(LC 12)
Max Uplift 4=-84(LC 12), 2=-80(LC 12), 5=-40(LC 12)
Max Grav 4=96(LC 19), 2=299(LC 1), 5=144(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-10=-259/9
BOT CHORD 2-7=-157/349, 6-7=-171/396, 3-8=-349/157, 6-8=-321/140

NOTES- (6)
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, 5.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

August 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC
2435649	EJ01	Jack-Partial	24	1	T20988773
					Job Reference (optiona)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:05 2020 Page 1
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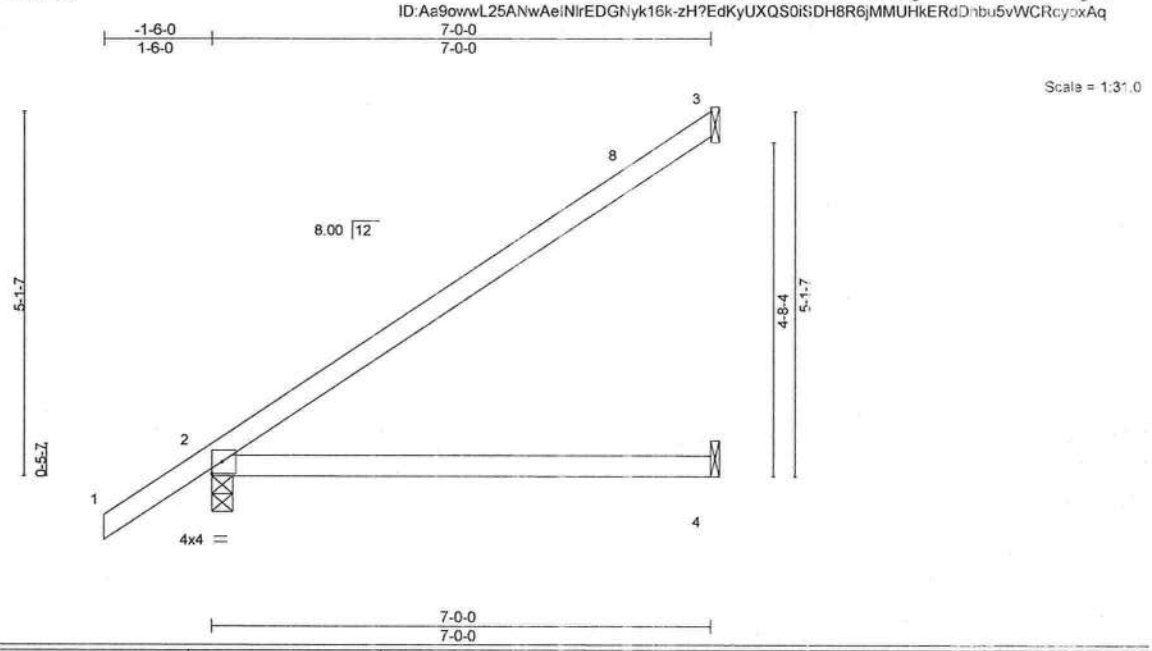

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.74	Vert(LL)	0.16	4-7	>505	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.25	4-7	>331	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.02	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 26 lb	FT = 20%

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

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=257(LC 12)
Max Uplift 3=-160(LC 12), 2=-102(LC 12), 4=-12(LC 12)
Max Grav 3=191(LC 19), 2=346(LC 1), 4=127(LC 3)

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

NOTES- (6)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 3=160, 2=102.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988774
2435649	EJ02	Jack-Partial	3	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:06 2020 Page 1
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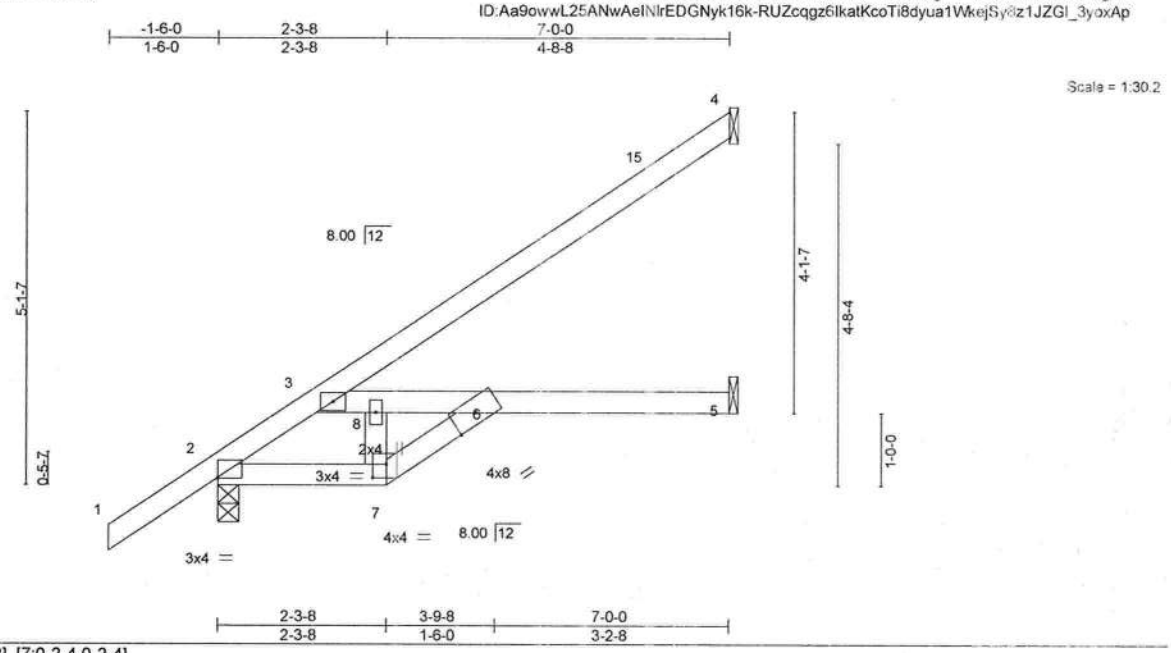

Plate Offsets (X,Y)-- [2:0-0-0,0-0-2], [7:0-2-4,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.46	Vert(LL)	0.15	5-6	>570	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.77	Vert(CT)	-0.22	5-6	>377	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.06	5	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 9-5-7 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical
Max Horz 2=257(LC 12)
Max Uplift 4=-122(LC 12), 2=-93(LC 12), 5=-44(LC 12)
Max Grav 4=158(LC 19), 2=377(LC 1), 5=162(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-10=-407/59
BOT CHORD 2-7=-290/542, 6-7=-300/568, 3-8=-542/290, 6-8=-507/263

NOTES- (6)
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, 5 except (jt=lb) 4=122.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Date:

August 11,2020

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Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC
2435649	HJ01	Diagonal Hip Girder	4	1	T20988775
					Job Reference (optional)

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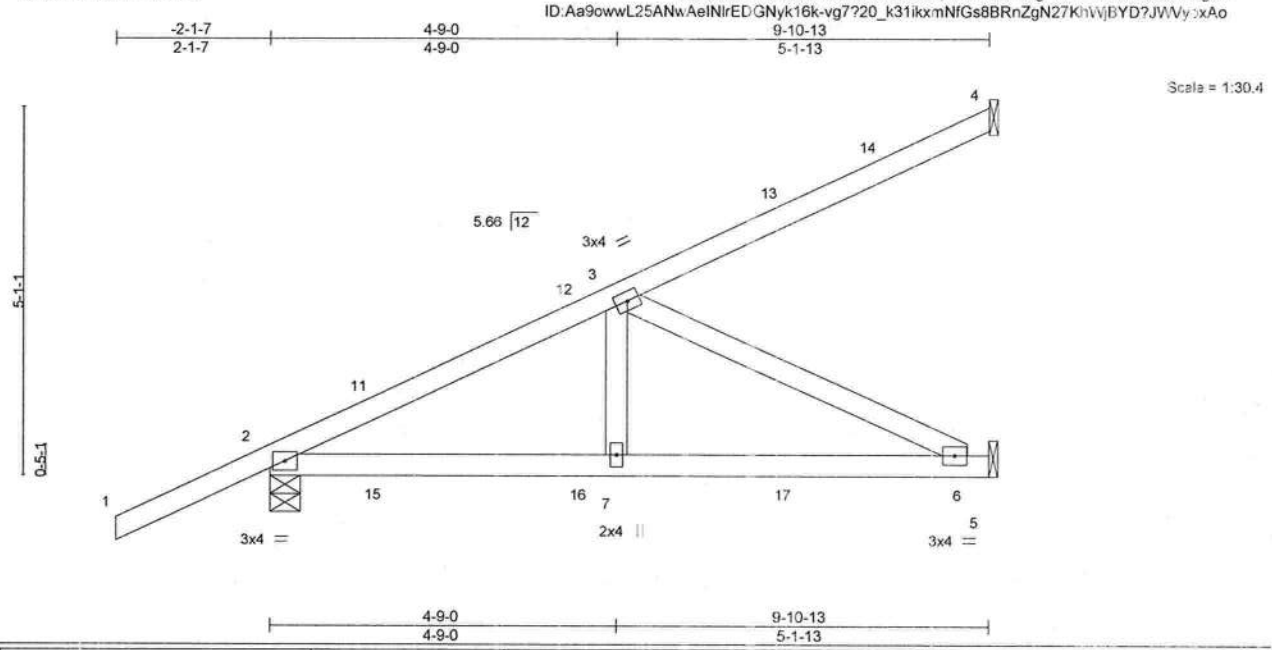
ID:Aa9owwL25ANwAeINlrEDGNyk16k-vg7?20_k31ikxmNfGs8BRnZgN27KhWjBYD?JWVyoxAo



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.54	Vert(LL)	0.10	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.10	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.34	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 46 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-3-6 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-15, 5=Mechanical
Max Horz 2=258(LC 8)
Max Uplift 4=-134(LC 8), 2=-377(LC 8), 5=-306(LC 5)
Max Grav 4=141(LC 1), 2=529(LC 1), 5=308(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-686/489
BOT CHORD 2-7=-567/528, 6-7=-567/528
WEBS 3-7=-153/287, 3-6=-587/631

NOTES- (8)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=134, 2=377, 5=306.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 85 lb down and 76 lb up at 1-5-12, 85 lb down and 76 lb up at 1-5-12, 105 lb down and 68 lb up at 4-3-11, 105 lb down and 68 lb up at 4-3-11, and 138 lb down and 132 lb up at 7-1-10, and 138 lb down and 132 lb up at 7-1-10 on top chord, and 60 lb down and 53 lb up at 1-5-12, 60 lb down and 53 lb up at 1-5-12, 20 lb down and 35 lb up at 4-3-11, 20 lb down and 35 lb up at 4-3-11, and 42 lb down and 63 lb up at 7-1-10, and 42 lb down and 63 lb up at 7-1-10 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).
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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=-74(F=-37, B=-37) 16=-3(F=-2, B=-2) 17=-58(F=-29, B=-29)

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC
2435649	HJ02	Diagonal Hip Girder	1	1	T2 0988776 Job Reference (optional)

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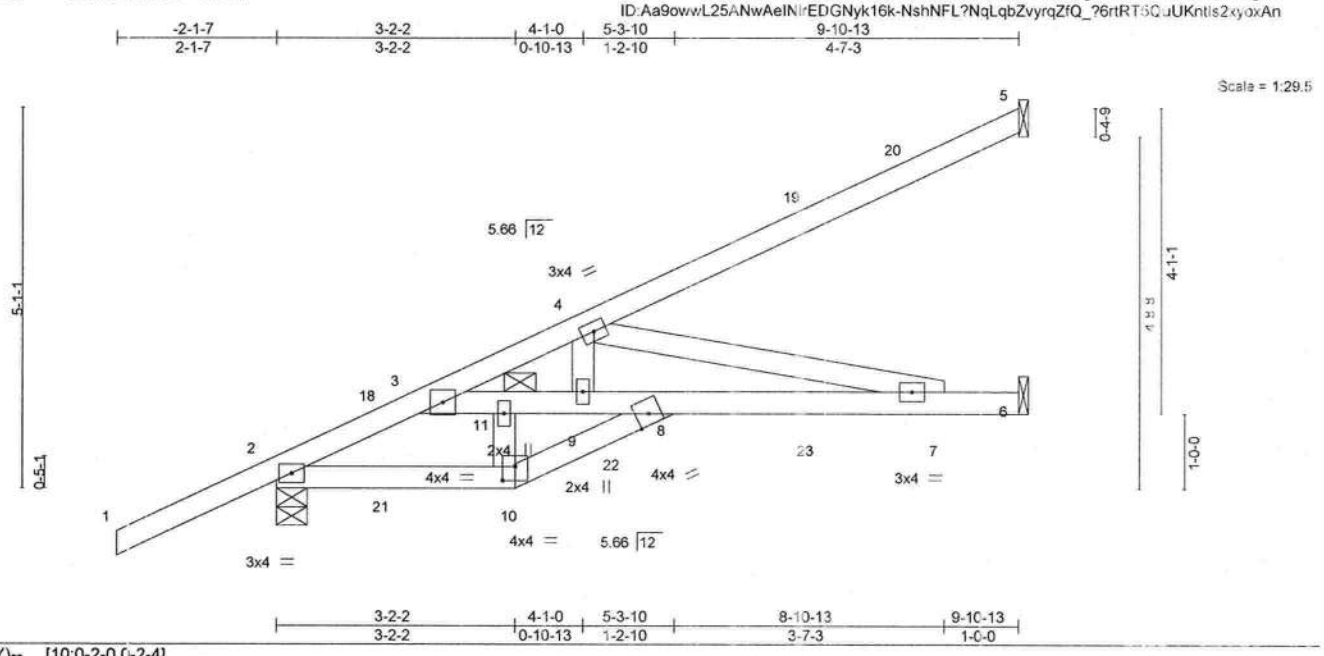

Plate Offsets (X,Y)-- [10:0-2-0,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	0.21	7-8	>553	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.30	7-8	>392	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.70	Horz(CT)	0.06	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 49 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
7-9-8 oc bracing: 7-8.
JOINTS 1 Brace at Jt(s): 11

REACTIONS. (size) 5=Mechanical, 2=0-4-15, 6=Mechanical
Max Horz 2=258(LC 8)
Max Uplift 5=-127(LC 8), 2=-317(LC 8), 6=-198(LC 8)
Max Grav 5=144(LC 1), 2=562(LC 1), 6=388(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-13=-675/240, 3-4=-1558/789
BOT CHORD 2-10=-312/411, 8-10=-328/452, 3-11=-580/1042, 9-11=-596/1053, 8-9=-596/1053, 7-8=-892/1386
WEBS 4-7=-1418/912, 4-9=-244/706

NOTES- (8)
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) 5=127, 2=317, 6=198.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 85 lb down and 76 lb up at 1-5-12, 85 lb down and 76 lb up at 1-5-12, 140 lb down and 76 lb up at 4-3-11, 140 lb down and 76 lb up at 4-3-11, and 119 lb down and 88 lb up at 7-1-10, and 119 lb down and 88 lb up at 7-1-10 on top chord, and 28 lb down and 53 lb up at 1-5-12, 28 lb down and 53 lb up at 1-5-12, at 4-3-11, at 4-3-11, and 102 lb down and 67 lb up at 7-1-10, and 102 lb down and 67 lb up at 7-1-10 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).
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-54, 10-12=-20, 8-10=-20, 6-8=-20

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Continued on page 2

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 4=-37(F=-18, B=-18) 19=-15(F=-8, B=-8) 23=-167(F=-83, B=-83)

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988777
2435649	T01	Common	10	1	Job Reference (optional)	

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ID:Aa9owwL25ANwAeINlrEDGNyk16k-r3FITh??bfySE3X2NHAfWCf2Orhx9HkL0XUQaOycxAm

-1-6-0	6-2-9	11-4-0	16-5-7	22-8-0	24-2-0
1-6-0	6-2-9	5-1-7	5-1-7	6-2-9	1-6-0

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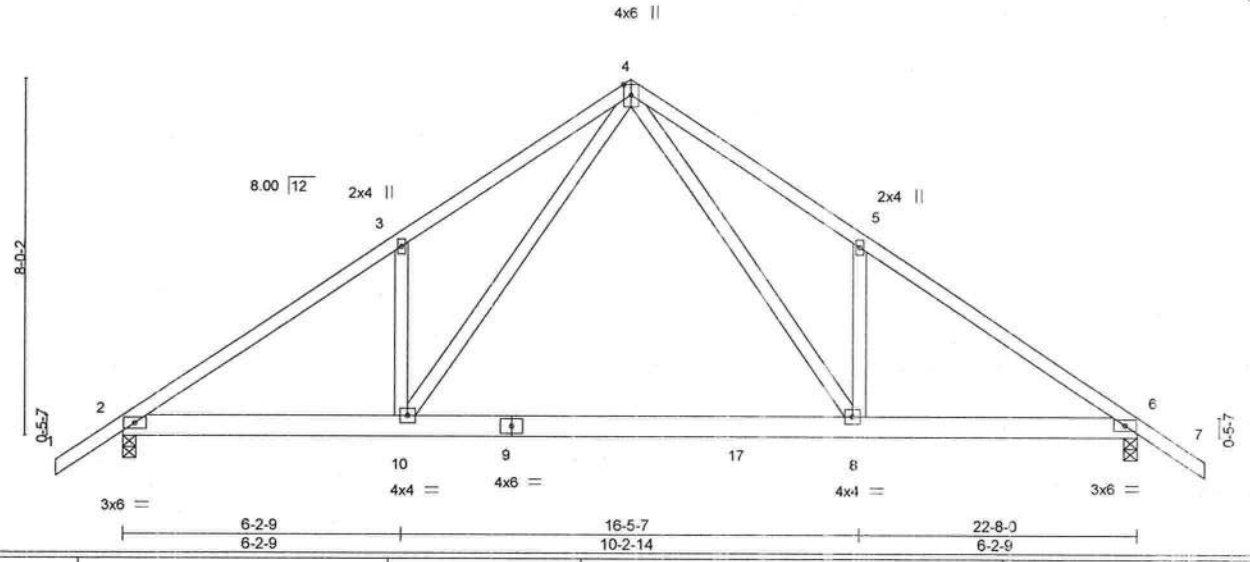

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.44	Vert(LL)	-0.23	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.97	Vert(CT)	-0.44	8-10	>614	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.95	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 137 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- 1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-3-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=-266(LC 10)
Max Uplift 2=-495(LC 12), 6=-495(LC 13)
Max Grav 2=1255(LC 19), 6=1253(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1957/778, 3-4=-2008/984, 4-5=-2004/984, 5-6=-1953/778
BOT CHORD 2-10=-599/1728, 8-10=-262/1028, 6-8=-494/1572
WEBS 4-8=-604/1247, 5-8=-384/357, 4-10=-604/1253, 3-10=-385/357

NOTES- (7)
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=495, 6=495.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 10-11=-20, 8-10=-80(F=-60), 8-14=-20

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August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988778
2435649	T01G	Common Supported Gable	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:10 2020 Page 1
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1-6-0 | 11-4-0 | 11-4-0 | 1-6-0

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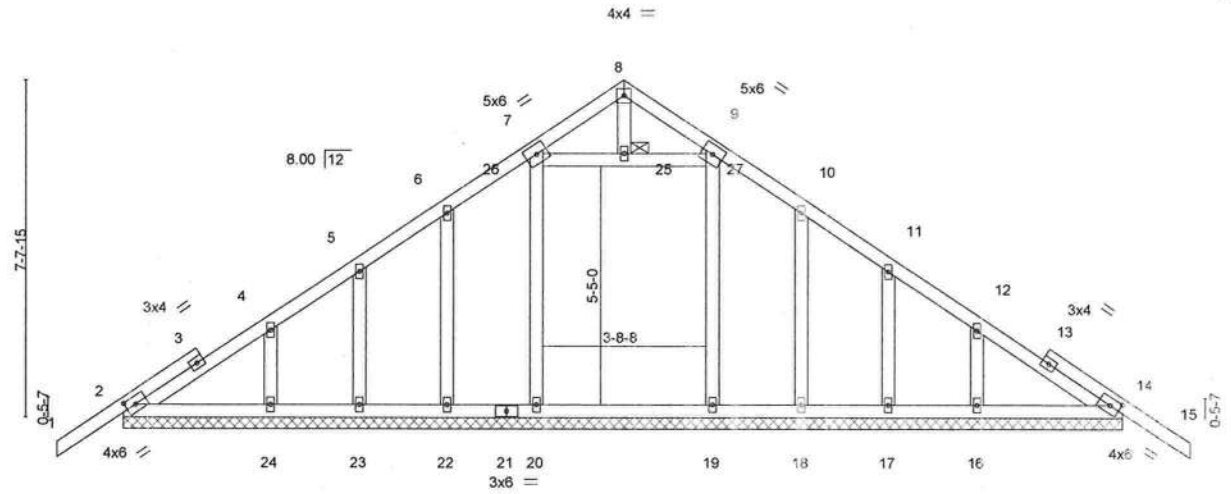

22-8-0
22-8-0

Plate Offsets (X,Y)-- [2:0-2-12,0-2-0], [14:0-2-12,0-2-0], [26:0-1-0,0-1-7], [27:0-1-0,0-1-7]

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	0.15	Vert(LL)	-0.00	15	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	-0.00	15	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.01	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 138 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.
JOINTS 1 Brace at Jt(s): 25

REACTIONS. All bearings 22-8-0.
(lb) - Max Horz 2=-256(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 14, 20, 19 except 22=-118(LC 12), 23=-106(LC 12), 24=-130(LC 12), 18=-121(LC 13), 17=-104(LC 13), 16=-134(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 14, 22, 23, 24, 18, 17, 16 except 20=318(LC 19), 19=287(LC 20)

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

NOTES- (11)
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) Vertical gable studs spaced at 2-0-0 oc and horizontal gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 14, 20, 19 except (jt=lb) 22=118, 23=106, 24=130, 18=121, 17=104, 16=134.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 14.
11) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T2 0988779
2435649	T02	HIP GIRDER	1	1	Job Reference (optiona)	

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ID:Aa9owwL25ANwAeINrEDGNyk16k-Gewt5j2tuaL02XFd3PkM8qHSn3prMeOwiVj4BiyoxAj

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1-6-0 | 7-0-0 | 5-7-0 | 5-7-0 | 7-0-0 | 1-6-0

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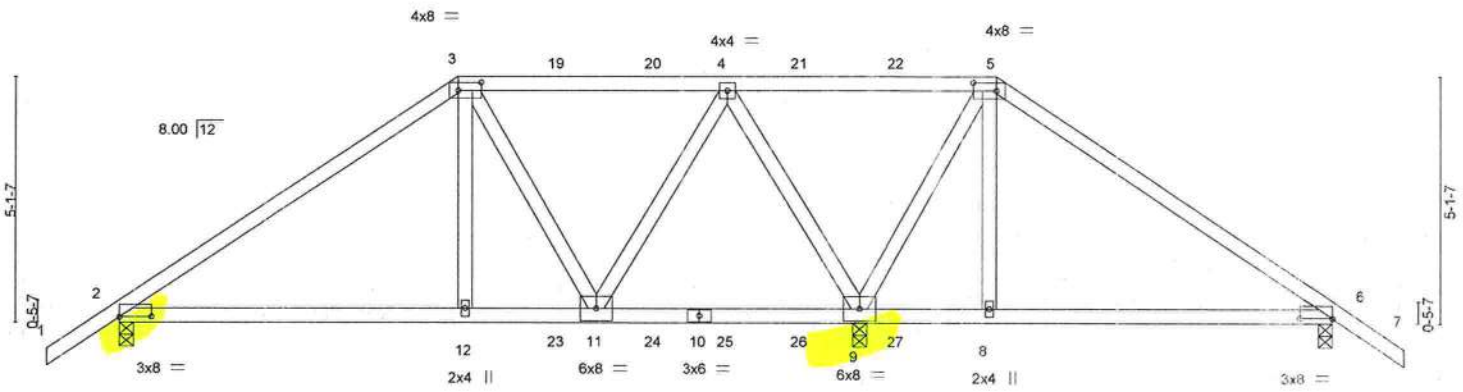

7-0-0 | 9-10-4 | 15-3-12 | 18-2-0 | 25-2-0
7-0-0 | 2-10-4 | 5-5-8 | 2-10-4 | 7-0-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.88	Vert(LL)	0.13	12-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.58	Vert(CT)	-0.16	8-18	>758	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.96	Horz(CT)	-0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 130 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-7-8 oc bracing.

REACTIONS. (size) 2=0-3-8, 9=0-3-8, 6=0-3-8
Max Horz 2=-177(LC 6)
Max Uplift 2=-635(LC 8), 9=-1890(LC 5), 6=-289(LC 28)
Max Grav 2=994(LC 1), 9=2479(LC 1), 6=471(LC 34)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1278/867, 3-4=-770/607, 4-5=-528/592, 5-6=-346/265
BOT CHORD 2-12=-730/976, 11-12=-742/990, 9-11=-251/430
WEBS 3-12=-394/534, 3-11=-453/479, 4-11=-502/706, 4-9=-1560/1318, 5-9=-1070/837, 5-8=-340/541

NOTES- (9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=635, 9=1890, 6=289.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 230 lb down and 305 lb up at 7-0-0, 166 lb down and 160 lb up at 9-0-12, 166 lb down and 160 lb up at 11-0-12, 166 lb down and 150 lb up at 12-7-0, 166 lb down and 160 lb up at 14-1-4, and 166 lb down and 160 lb up at 16-1-4, and 230 lb down and 305 lb up at 18-2-0 on top chord, and 374 lb down and 367 lb up at 7-0-0, 99 lb down and 32 lb up at 9-0-12, 99 lb down and 32 lb up at 11-0-12, 99 lb down and 32 lb up at 12-7-0, 99 lb down and 32 lb up at 14-1-4, and 87 lb down and 32 lb up at 16-1-4, and 343 lb down and 367 lb up at 18-1-4 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).
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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, 5-7=-54, 13-16=-20

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 3=-174(B) 5=-174(B) 12=-343(B) 4=-110(B) 8=-343(B) 19=-110(B) 20=-110(B) 21=-110(B) 22=-110(B) 23=-64(B) 24=-64(B) 25=-64(B) 26=-64(B) 27=-64(B)

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC
2435649	T03	Half Hip Girder	1	1	T20988780
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:13 2020 Page 1
ID:Aa9owwL25ANwAeINlrEDGNyk16k-kqUGI33VetTtfhqpc6Fbh2plgSDT55D3w9Sdk9yoxAi

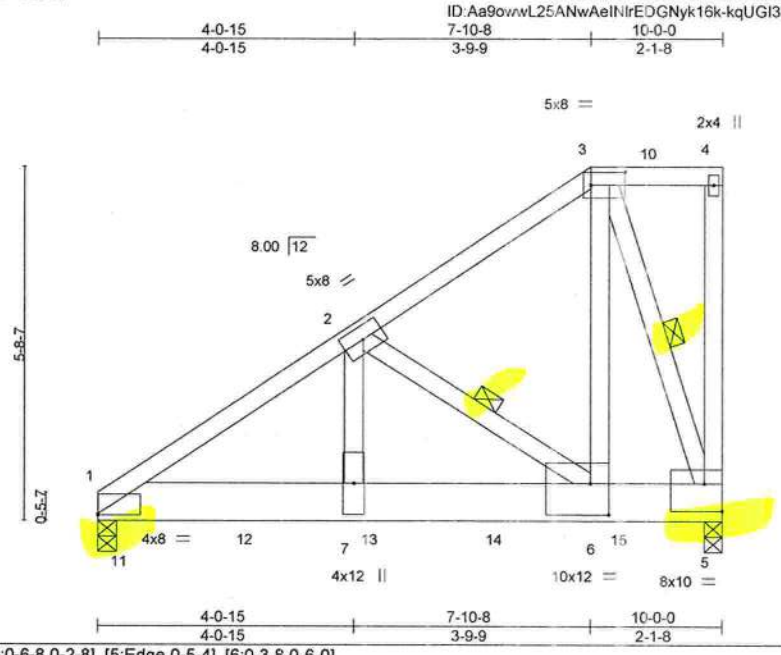


Plate Offsets (X,Y)-- [1:Edge,0-0-3], [3:0-6-8,0-2-8], [5:Edge,0-5-4], [6:0-3-8,0-6-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.36	Vert(LL)	-0.06	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.36	Vert(CT)	-0.10	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.92	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 80 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
3-6: 2x4 SP No.2

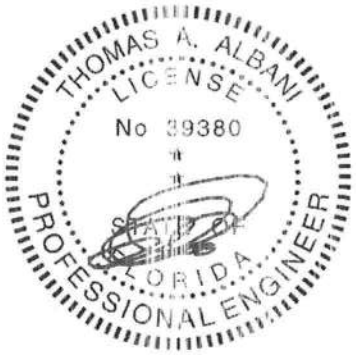
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-6, 3-5

REACTIONS. (size) 1=0-3-8 (req. 0-3-13), 5=0-3-8
Max Horz 1=257(LC 8)
Max Uplift 1=-1168(LC 8), 5=-1075(LC 8)
Max Grav 1=3214(LC 1), 5=2655(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3348/1186, 2-3=-1032/342
BOT CHORD 1-7=-1168/2764, 6-7=-1168/2764, 5-6=-361/880
WEBS 2-7=-873/2414, 2-6=-2374/1012, 3-6=-1020/2696, 3-5=-2459/1010

NOTES- (10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) WARNING: Required bearing size at joint(s) 1 greater than input bearing size.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=1168, 5=1075.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1033 lb down and 400 lb up at 0-4-12, 1027 lb down and 398 lb up at 2-4-12, 1027 lb down and 398 lb up at 4-4-12, and 1027 lb down and 398 lb up at 6-4-12, and 1027 lb down and 398 lb up at 8-4-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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



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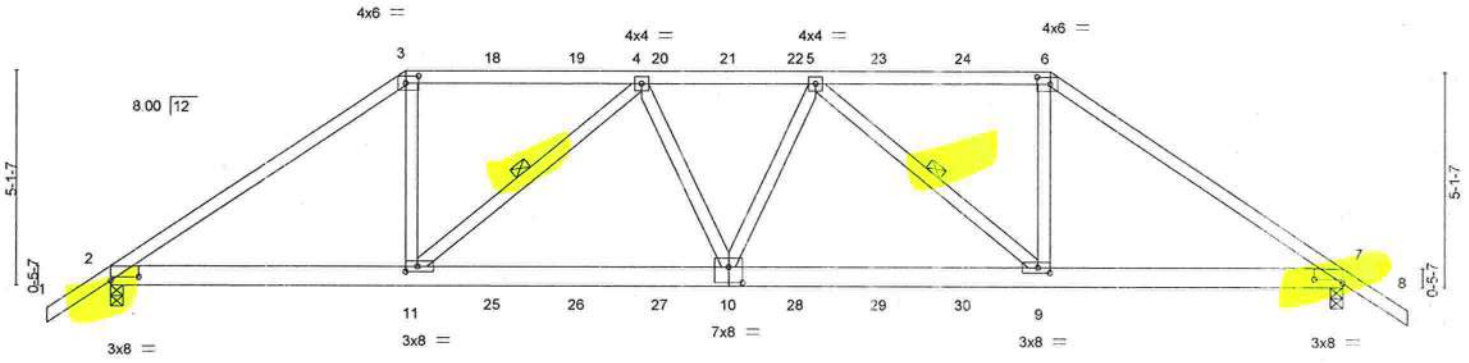
LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 11=-1033(B) 12=-1027(B) 13=-1027(B) 14=-1027(B) 15=-1027(B)

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988781
2435649	T04	Hip Girder	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:15 2020 Page 1
ID:Aa9owwL25ANwAeINlrEDGNyk16k-gDc0jl4mAVjbv__CkXH3mTv46Gm8Z5pMOTxko1yoxAg

-1-6-0	7-0-0	12-7-4	16-8-12	22-4-0	29-4-0	30-10-0
1-6-0	7-0-0	5-7-4	4-1-7	5-7-4	7-0-0	1-6-0

Scale = 1:52.7



7-0-0	14-8-0	22-4-0	29-4-0
7-0-0	7-8-0	7-8-0	7-0-0

Plate Offsets (X,Y)-- [2:0-8-0,0-1-2], [3:0-3-12,0-2-0], [6:0-3-12,0-2-0], [7:0-8-0,0-1-2], [9:0-3-8,0-1-8], [10:0-4-0,0-4-8], [11:0-3-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.42	Vert(LL)	0.24	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.86	Vert(CT)	-0.28	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.53	Horz(CT)	0.10	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 170 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP M 31
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 7=0-3-8
Max Horz 2=-177(LC 25)
Max Uplift 2=-1520(LC 8), 7=-1520(LC 9)
Max Grav 2=2293(LC 1), 7=2293(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3622/2451, 3-4=-2967/2148, 4-5=-3962/2700, 5-6=-2967/2149, 6-7=-3622/2451
BOT CHORD 2-11=-2018/2924, 10-11=-2642/3868, 9-10=-2619/3868, 7-9=-1903/2924
WEBS 3-11=-864/1391, 4-11=-1253/914, 4-10=-65/382, 5-10=-65/382, 5-9=-1253/913, 6-9=-864/1391

NOTES- (9)
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=1520, 7=1520.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 230 lb down and 305 lb up at 7-0-0, 166 lb down and 160 lb up at 9-0-12, 166 lb down and 160 lb up at 11-0-12, 166 lb down and 160 lb up at 13-0-12, 166 lb down and 150 lb up at 14-8-0, 166 lb down and 160 lb up at 16-3-4, 166 lb down and 160 lb up at 18-3-4, and 166 lb down and 160 lb up at 20-3-4, and 230 lb down and 305 lb up at 22-4-0 on top chord, and 343 lb down and 367 lb up at 7-0-0, 87 lb down and 32 lb up at 9-0-12, 87 lb down and 32 lb up at 11-0-12, 87 lb down and 32 lb up at 13-0-12, 87 lb down and 32 lb up at 14-8-0, 87 lb down and 32 lb up at 16-3-4, 87 lb down and 32 lb up at 18-3-4, and 87 lb down and 32 lb up at 20-3-4, and 343 lb down and 367 lb up at 22-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-3=-54, 3-6=-54, 6-8=-54, 12-15=-20

Concentrated Loads (lb)

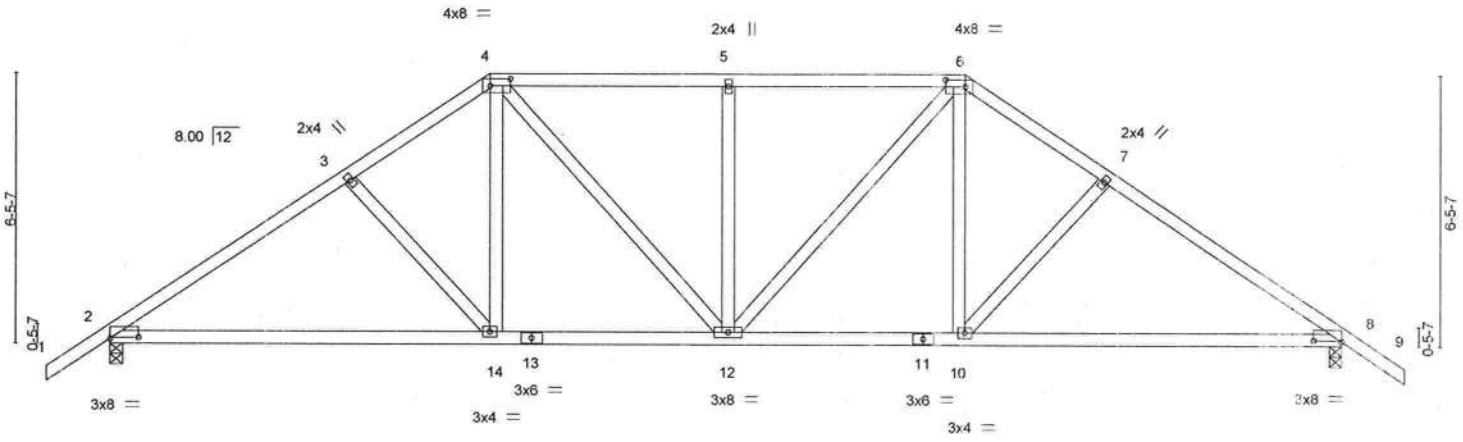
Vert: 3=-174(F) 6=-174(F) 10=-64(F) 11=-343(F) 9=-343(F) 18=-110(F) 19=-110(F) 20=-110(F) 21=-110(F) 22=-110(F) 23=-110(F) 24=-110(F) 25=-64(F) 26=-64(F) 27=-64(F) 28=-64(F) 29=-64(F) 30=-64(F)

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988782
2435649	T05	Hip	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:16 2020 Page 1
ID:Aa9owwL25ANwAeINlrEDCNyk16k-8PAOx55OxorSX8ZOIFoIlgRGkg8flbGWd7hHKUoxAf

-1-6-0	5-8-3	9-0-0	14-8-0	20-4-0	23-7-13	29-4-0	30-10-0
1-6-0	5-8-3	3-3-13	5-8-0	5-8-0	3-3-13	5-8-3	1-6-0

Scale = 1:52.7



9-0-0	14-8-0	20-4-0	29-4-0
9-0-0	5-8-0	5-8-0	9-0-0

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

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)	-0.15	14-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.31	10-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.05	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 163 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-3-2 oc bracing.

REACTIONS. (size) 8=0-3-8, 2=0-3-8
Max Horz 2=-219(LC 10)
Max Uplift 8=-463(LC 13), 2=-463(LC 12)
Max Grav 8=1166(LC 1), 2=1166(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1593/734, 3-4=-1399/715, 4-5=-1314/744, 5-6=-1314/744, 6-7=-1399/715, 7-8=-1593/734
BOT CHORD 2-14=-498/1262, 12-14=-369/1117, 10-12=-317/1117, 8-10=-469/1262
WEBS 3-14=-323/246, 4-14=-139/418, 4-12=-253/367, 5-12=-355/270, 6-12=-254/367, 6-10=-139/418, 7-10=-323/246

NOTES- (7)
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) 8=463, 2=463.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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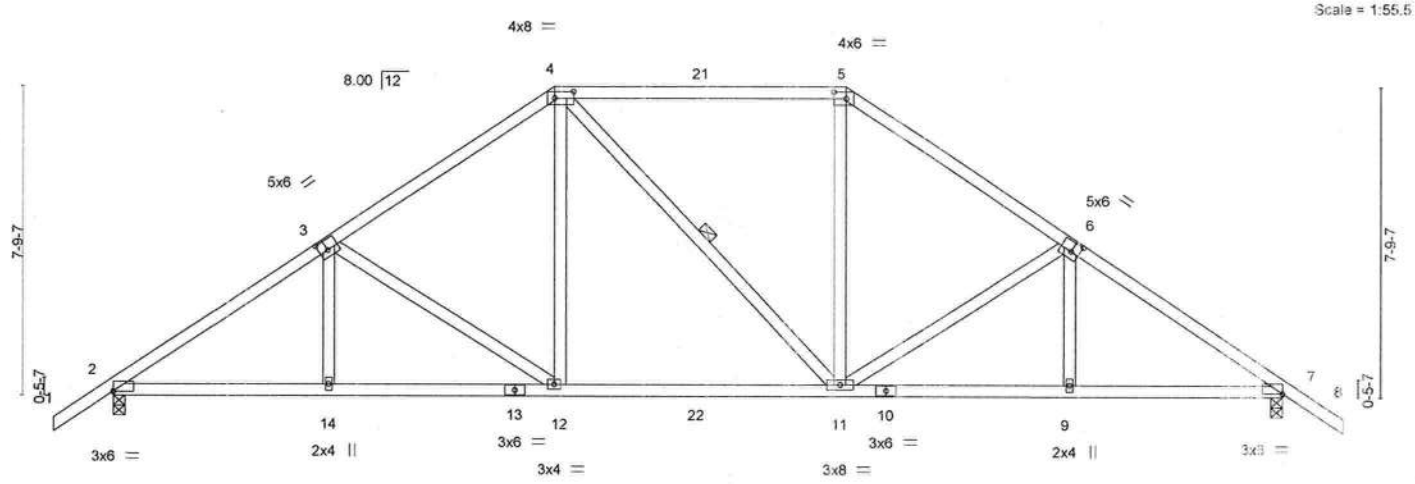
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988763
2435649	T06	HIP	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:17 2020 Page 1
ID:Aa9owwL25ANwAeINlrEDGNyk16k-cbkm8Q80i6zJ8I8aryJXru_KI4YE?1nfrnQrtwyoxAe

-1-6-0	5-4-7	11-0-0	18-4-0	23-11-9	29-4-0	30-10-0
1-6-0	5-4-7	5-7-9	7-4-0	5-7-9	5-4-7	1-6-0

Scale = 1:55.5



5-4-7	11-0-0	18-4-0	23-11-9	29-4-0
5-4-7	5-7-9	7-4-0	5-7-9	5-4-7

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.76	Vert(LL)	-0.10	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.19	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.06	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 166 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 3-4-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-0-14 oc bracing.
WEBS 1 Row at midpt 4-11

REACTIONS. (size) 7=0-3-8, 2=0-3-8
Max Horz 2=-260(LC 10)
Max Uplift 7=-456(LC 13), 2=-456(LC 12)
Max Grav 7=1166(LC 1), 2=1166(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1647/724, 3-4=-1302/655, 4-5=-1017/620, 5-6=-1303/655, 6-7=-1647/724
BOT CHORD 2-14=-538/1317, 12-14=-537/1319, 11-12=-281/1016, 9-11=-474/1312, 7-9=-475/1310
WEBS 3-12=-491/304, 4-12=-120/447, 5-11=-111/407, 6-11=-490/305

NOTES- (7)
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) 7=456, 2=456.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC
2435649	T07	Hip	1	1	T20988764
					Job Reference (optiona)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:19 2020 Page 1
ID:Aa9owwL25ANwAeINrEDGNyk16k-Y_rXZ67GEjD1OclzzNM?wJ3k3tEbVrnyJ5vyxpyoxAc

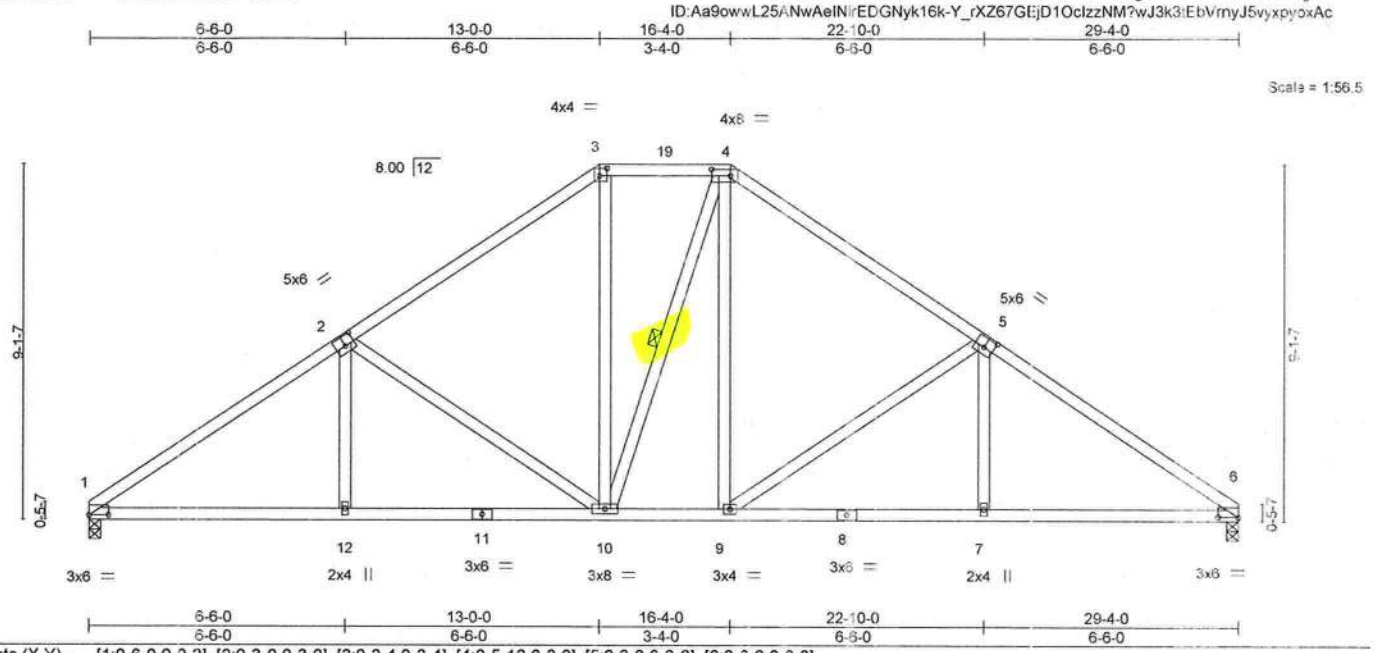

Plate Offsets (X,Y)-- [1:0-6-0,0-0-2], [2:0-3-0,0-3-0], [3:0-2-4,0-2-4], [4:0-5-12,0-2-0], [5:0-3-0,0-3-0], [6:0-6-0,0-0-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.49	Vert(LL)	-0.07	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.15	7-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.05	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 170 lb	FT = 20%

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

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

REACTIONS. (size) 1=0-3-8, 6=0-3-8
Max Horz 1=-271(LC 8)
Max Uplift 1=-397(LC 12), 6=-397(LC 13)
Max Grav 1=1085(LC 1), 6=1085(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1642/717, 2-3=-1194/625, 3-4=-995/598, 4-5=-1193/624, 5-6=-1643/717
BOT CHORD 1-12=-558/1302, 10-12=-558/1304, 9-10=-199/904, 7-9=-492/1302, 6-7=-493/1299
WEBS 2-12=0/278, 2-10=-595/385, 3-10=-175/417, 4-9=-177/415, 5-9=-597/386, 5-7=0/279

NOTES- (7)
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) 1=397, 6=397.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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6904 Parke East Blvd. Tampa FL 33610
Date:

August 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC
2435649	T08	Roof Special	2	1	T20988785 Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:20 2020 Page 1
ID:Aa9owwL25ANwAeINlrEDGNyk16k-1APvmS8u?1Lu?ls9X5tETWcwcHVnEJI5XIfVTFyoxAb

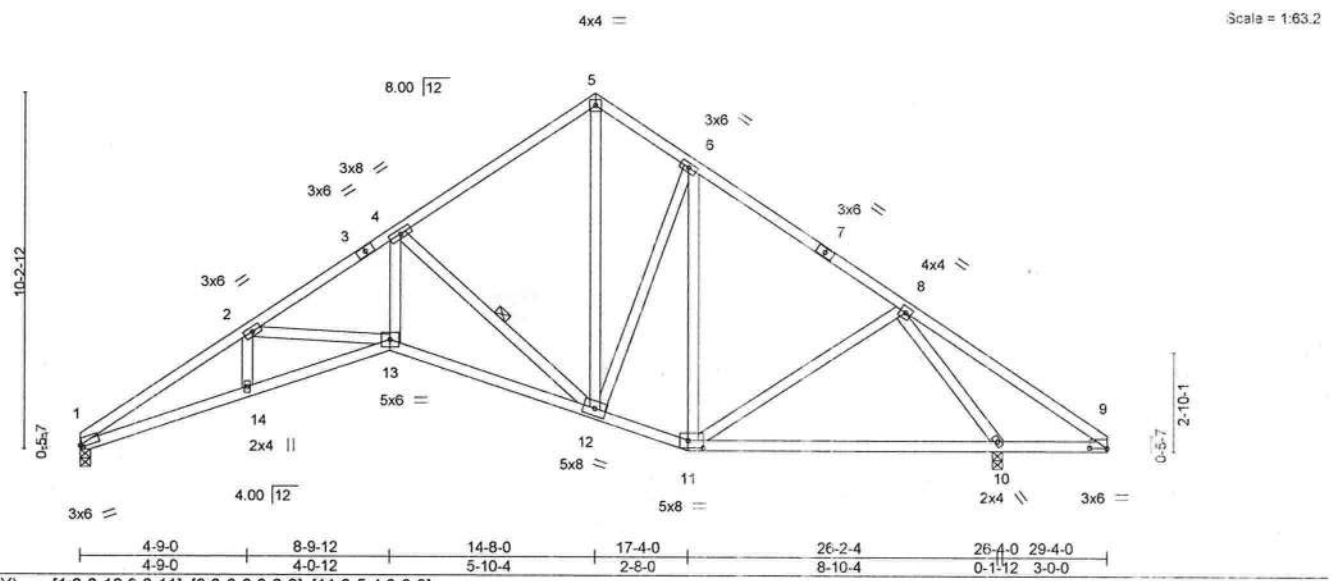

Plate Offsets (X,Y)-- [1:0-0-12,0-0-11], [9:0-6-0,0-0-2], [11:0-5-4,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.44	Vert(LL)	-0.19	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.39	10-11	>819	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.19	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 175 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 3-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-9-8 oc bracing.
WEBS 1 Row at midpt 4-12

REACTIONS. (size) 1=0-3-8, 10=0-3-8
Max Horz 1=-304(LC 8)
Max Uplift 1=-354(LC 12), 10=-435(LC 13)
Max Grav 1=960(LC 1), 10=1211(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2535/1048, 2-4=-2209/902, 4-5=-966/502, 5-6=-1001/550, 6-8=-953/472
BOT CHORD 1-14=-1033/2371, 13-14=-1038/2390, 12-13=-756/2033, 11-12=-168/745, 10-11=-163/559, 9-10=-139/259
WEBS 2-13=-325/244, 4-13=-566/1531, 4-12=-1585/769, 5-12=-435/876, 6-12=-210/286, 6-11=-253/87, 8-10=-1185/717

NOTES- (7)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever right exposed ;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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=354, 10=435.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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August 11,2020

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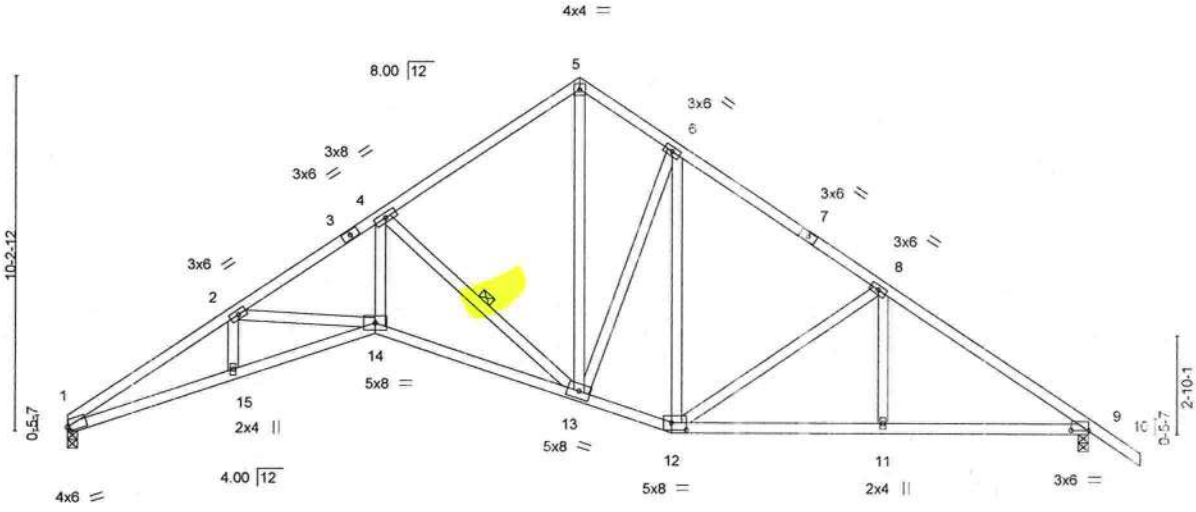
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC
2435649	T09	Roof Special	3	1	T2 3988786 Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8 240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:21 2020 Page 1
ID:Aa9owwL25ANwAeINlrEDGNyk16k-VMzH_o9WmLTldvRL4oOT?k94FhrjzjPmPO20hycxAa

4-9-0	8-9-12	14-8-0	17-4-0	23-5-0	29-4-0	30-10-0
4-9-0	4-0-12	5-10-4	2-8-0	6-1-0	5-11-0	1-6-0

Scale: 3/16"=1'



4-9-0	8-9-12	14-8-0	17-4-0	23-5-0	29-4-0
4-9-0	4-0-12	5-10-4	2-8-0	6-1-0	5-11-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	0.20	14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.35	13-14	>996	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.24	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 176 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-11-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 4-13

REACTIONS. (size) 1=0-3-8, 9=0-3-8
Max Horz 1=-325(LC 10)
Max Uplift 1=-389(LC 12), 9=-441(LC 13)
Max Grav 1=1083(LC 1), 9=1168(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown
TOP CHORD 1-2=-2902/1146, 2-4=-2618/1028, 4-5=-1209/615, 5-6=-1241/662, 6-8=-1260/629, 8-9=-1641/696
BOT CHORD 1-15=-1084/2671, 14-15=-1090/2694, 13-14=-815/2361, 12-13=-226/1025, 11-12=-440/1298, 9-11=-440/1298
WEBS 2-14=-293/236, 4-14=-601/1729, 4-13=-1752/799, 5-13=-559/1141, 6-13=-338/365, 8-12=-526/320, 8-11=0/259

NOTES- (7)
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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=389, 9=441.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Date:

August 11,2020

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Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T2 0988787
2435649	T10	Roof Special	3	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:22 2020 Page 1
ID:Aa9owwL25ANwAeINrEDGNyk16k-zZXfB8A9XebcF30YeVviYxhA657xiAfO?38cY7yoxAZ

4-9-0	8-9-12	14-8-0	17-4-0	19-7-8	23-8-0	27-0-8	29-4-0	30-10-0
4-9-0	4-0-12	5-10-4	2-8-0	2-3-8	4-0-8	3-4-8	2-3-8	1-6-0

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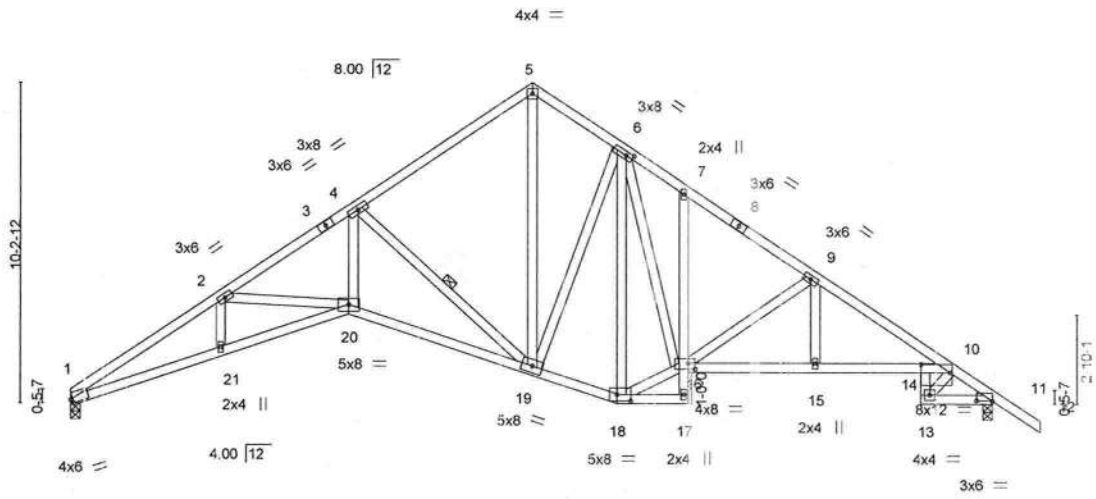

4-9-0	8-9-12	14-8-0	17-4-0	19-7-8	23-8-0	27-0-8	29-4-0
4-9-0	4-0-12	5-10-4	2-8-0	2-3-8	4-0-8	3-4-8	2-3-8

Plate Offsets (X,Y)-- [1:0-0-13,Edge], [6:0-2-10,0-1-8], [10:0-11-4,0-3-3], [11:0-6-0,0-0-2], [14:0-1-12,0-0-0], [16:0-2-12,0-2-4], [18:0-5-4,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.23	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.44	19-20	>791	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.39	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 198 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
7-17: 2x4 SP No.3, 10-16: 2x4 SP M 31
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 4-19

REACTIONS. (size) 1=0-3-8, 11=0-3-8
Max Horz 1=-325(LC 8)
Max Uplift 1=-389(LC 12), 11=-441(LC 13)
Max Grav 1=1083(LC 1), 11=1168(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2902/1146, 2-4=-2618/1027, 4-5=-1208/614, 5-6=-1219/642, 6-7=-1610/816, 7-9=-1564/722, 9-10=-2211/905, 10-11=-1587/661
BOT CHORD 1-21=-1084/2671, 20-21=-1090/2695, 19-20=-814/2361, 18-19=-218/1013, 15-16=-619/1840, 14-15=-619/1840, 10-14=-519/1579, 13-14=-389/1173, 11-13=-435/1233
WEBS 2-20=-295/236, 4-20=-602/1729, 4-19=-1751/798, 5-19=-520/1097, 6-19=-296/333, 6-18=-678/157, 16-18=-190/924, 6-16=-412/977, 9-16=-834/380, 9-15=-114/480, 10-13=-1473/518

NOTES- (7)
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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=389, 11=441.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Date:

August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988788
2435649	T11	Roof Special	4	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:23 2020 Page 1
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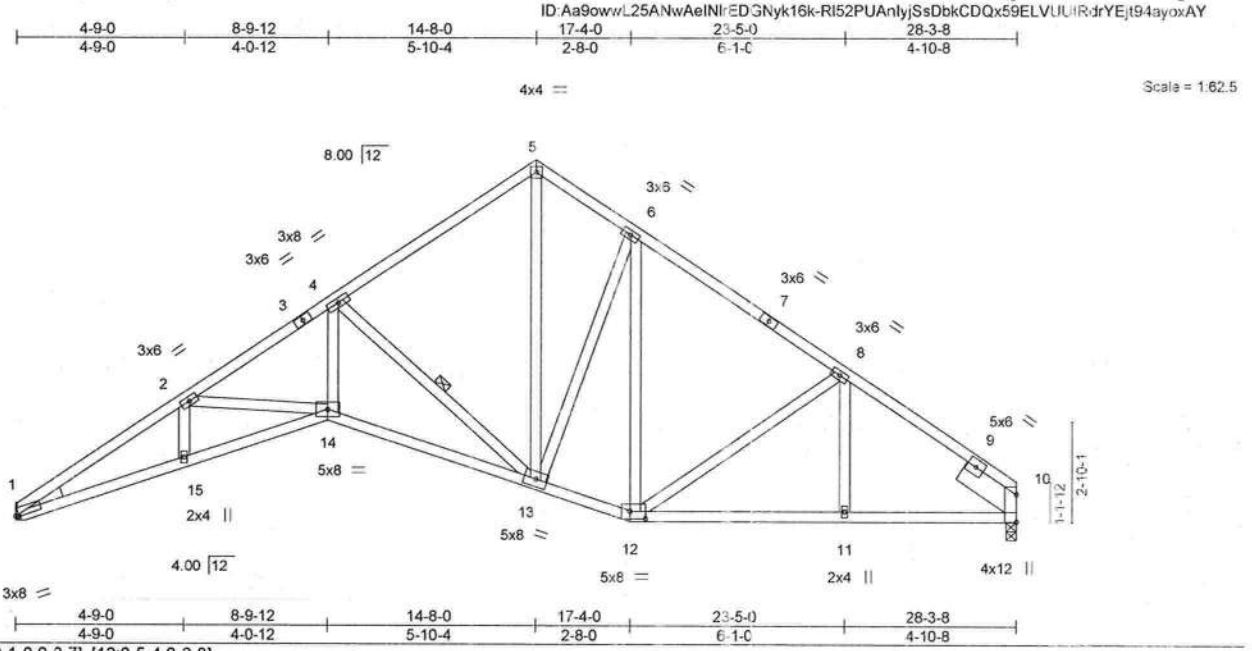

Plate Offsets (X,Y)-- [1:0-1-0,0-0-7], [12:0-5-4,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.78	Vert(LL)	0.20	14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.35	13-14	>964	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.26	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 178 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3
SLIDER Right 2x8 SP 2400F 2.0E 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 4-13

REACTIONS. (size) 1=Mechanical, 10=0-3-8
Max Horz 1=302(LC 9)
Max Uplift 1=-378(LC 12), 10=-368(LC 13)
Max Grav 1=1047(LC 1), 10=1047(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2791/1169, 2-4=-2497/1054, 4-5=-1131/594, 5-6=-1174/646, 6-8=-1153/587, 8-10=-1339/597
BOT CHORD 1-15=-1132/2546, 14-15=-1138/2568, 13-14=-863/2227, 12-13=-252/948, 11-12=-400/1035, 10-11=-400/1035
WEBS 2-14=-297/234, 4-14=-632/1647, 4-13=-1684/825, 5-13=-544/1074, 6-13=-293/334, 8-12=-274/240

NOTES- (7)
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=378, 10=368.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Date:

August 11,2020

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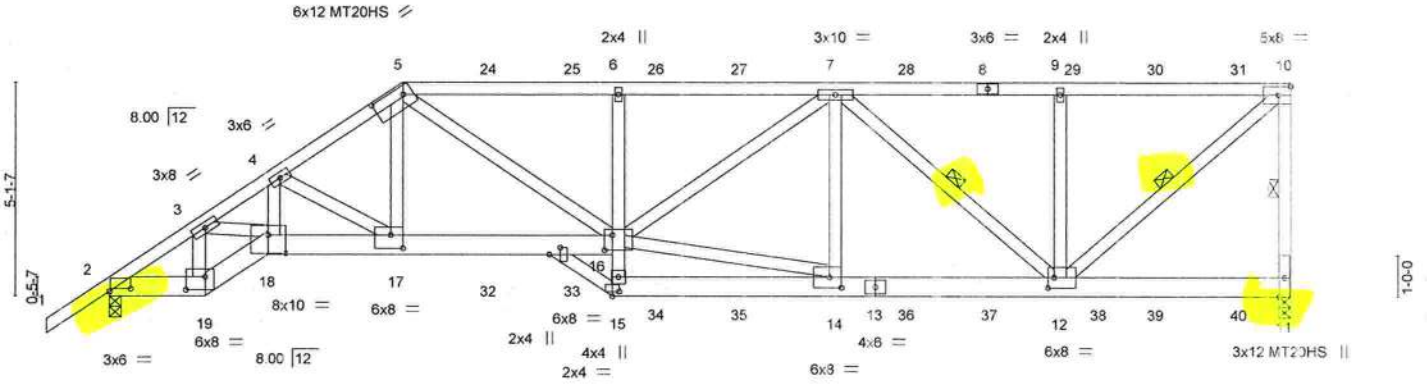
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T2 0988789
2435649	T12	HALF HIP GIRDER	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:25 2020 Page 1
ID:Aa9owwL25ANwAeINlrEDGNyx16k-N8Doq9C1qZ_A6XI7JeTPAaJenI9dvWNqn0MG9SycxAW

-1-6-0	2-3-8	3-9-8	7-0-0	12-0-0	17-4-1	22-8-14	28-3-8
1-6-0	2-3-8	1-6-0	3-2-8	5-0-0	5-4-0	5-4-14	5-6-10

Scale = 1:53.0



2-3-8	3-9-8	7-0-0	10-6-0	12-0-0	17-4-1	22-8-14	28-3-8
2-3-8	1-6-0	3-2-8	3-6-0	1-6-0	5-4-0	5-4-14	5-6-10

Plate Offsets (X,Y)-- [2:0-6-4,0-0-14], [5:0-9-4,0-2-4], [12:0-1-12,0-3-0], [14:0-3-8,0-3-0], [15:0-2-0,0-1-5], [16:0-2-4,0-4-4], [17:0-3-8,0-3-12], [18:0-5-0,0-5-4], [19:0-5-8,0-3-12], [20:0-2-0,0-3-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.99	Vert(LL)	0.34	16-17	>992	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.42	16-17	>803	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.91	Horz(CT)	0.17	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 204 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
6-15,15-20: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
14-16,7-12,10-12: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-3-6 oc bracing.
WEBS 1 Row at midpt 10-11, 7-12, 10-12

REACTIONS. (size) 11=0-3-8, 2=0-3-8
Max Horz 2=270(LC 27)
Max Uplift 11=-1460(LC 5), 2=-1285(LC 8)
Max Grav 11=2313(LC 1), 2=2211(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3517/2044, 3-4=-5501/3380, 4-5=-4334/2667, 5-6=-4430/2772, 6-7=-4395/2754, 7-9=-2231/1406, 9-10=-2231/1406, 10-11=-2181/1440
BOT CHORD 2-19=-1861/2873, 18-19=-2058/3186, 17-18=-2890/4475, 16-17=-2236/3526, 6-16=-546/487, 14-15=-237/375, 12-14=-2114/3372
WEBS 3-19=-1684/1119, 3-18=-1245/1935, 4-18=-651/1038, 4-17=-1053/721, 5-17=-730/1345, 5-16=-792/1160, 14-16=-1911/3052, 7-16=-841/1261, 7-14=-314/362, 7-12=-1519/964, 9-12=-641/597, 10-12=-1840/2929

NOTES- (11)
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) All plates are MT20 plates unless otherwise indicated.
5) The Fabrication Tolerance at joint 5 = 8%
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=1460, 2=1285.

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Continued on page 2

NOTES- (11)

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 277 lb down and 261 lb up at 7-0-0, 145 lb down and 122 lb up at 9-0-12, 145 lb down and 122 lb up at 11-0-12, 166 lb down and 160 lb up at 13-0-12, 166 lb down and 160 lb up at 15-0-12, 166 lb down and 155 lb up at 17-0-12, 166 lb down and 160 lb up at 19-0-12, 166 lb down and 160 lb up at 21-0-12, 166 lb down and 160 lb up at 23-0-12, and 166 lb down and 160 lb up at 25-0-12, and 166 lb down and 160 lb up at 27-0-12 on top chord, and 455 lb down and 291 lb up at 7-0-0, 122 lb down and 64 lb up at 9-0-12, 122 lb down and 64 lb up at 11-0-12, 87 lb down and 32 lb up at 13-0-12, 87 lb down and 32 lb up at 15-0-12, 87 lb down and 32 lb up at 17-0-12, 87 lb down and 32 lb up at 19-0-12, 87 lb down and 32 lb up at 21-0-12, 87 lb down and 32 lb up at 23-0-12, and 87 lb down and 32 lb up at 25-0-12, and 87 lb down and 32 lb up at 27-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
11) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard

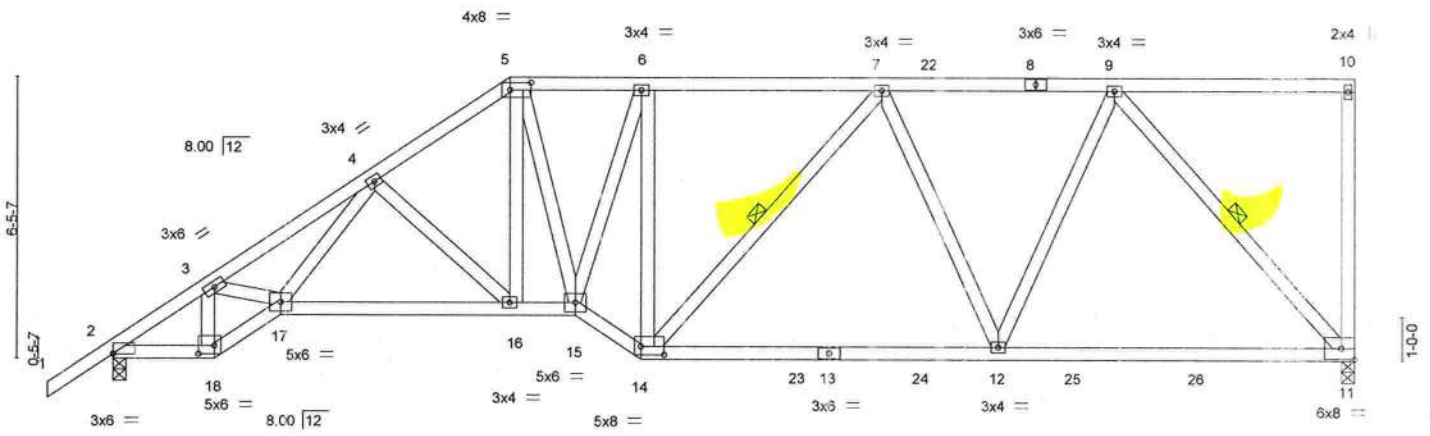
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-10=-54, 19-21=-20, 18-19=-20, 16-18=-20, 11-15=-20
   Concentrated Loads (lb)
   Vert: 8=-110(B) 17=-435(B) 5=-151(B) 14=-64(B) 7=-110(B) 24=-83(B) 25=-83(B) 26=-110(B) 27=-110(B) 28=-110(B) 29=-110(B) 30=-110(B) 31=-110(B) 32=-108(B) 33=-108(B) 34=-64(B) 35=-64(B) 36=-64(B) 37=-64(B) 38=-64(B) 39=-64(B) 40=-64(B)

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988790
2435649	T13	Half Hip	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:27 2020 Page 1
ID:Aa9owwL25ANwAeINlrEDGNyk16k-JWKYErDHLBEuLqvVR3VtF?O9_6vsNW_78KrNDLyoxAU

-1-6-0	2-3-8	5-11-3	9-0-0	12-0-0	17-5-12	22-9-12	28-3-8
1-6-0	2-3-8	3-7-11	3-0-13	3-0-0	5-5-11	5-4-0	5-5-13

Scale = 1:50.5



2-3-8	3-9-8	9-0-0	10-6-0	12-0-0	20-1-12	28-3-8
2-3-8	1-6-0	5-2-8	1-6-0	1-6-0	8-1-11	8-1-12

Plate Offsets (X,Y)-- [2:0-0-0,0-0-2], [5:0-5-12,0-2-0], [14:0-6-4,0-2-4], [18:0-4-4,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.12	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.26	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.09	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 189 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-2-4 oc bracing.
WEBS 1 Row at midpt 7-14, 9-11

REACTIONS. (size) 11=0-3-8, 2=0-3-8
Max Horz 2=335(LC 12)
Max Uplift 11=-470(LC 9), 2=-467(LC 12)
Max Grav 11=1039(LC 1), 2=1125(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1581/665, 3-4=-2415/1196, 4-5=-1539/772, 5-6=-1311/713, 6-7=-1185/632, 7-9=-982/480
BOT CHORD 2-18=-783/1273, 17-18=-882/1451, 16-17=-923/1568, 15-16=-679/1243, 14-15=-747/1381, 12-14=-594/1130, 11-12=-390/746
WEBS 3-18=-830/524, 3-17=-442/834, 4-17=-392/775, 4-16=-532/359, 5-16=-227/504, 5-15=-228/309, 6-15=-305/484, 6-14=-697/481, 7-12=-383/297, 9-12=-233/628, 9-11=-1122/592

NOTES- (7)
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) 11=470, 2=467.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Date:

August 11,2020

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Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988791
2435649	T14	Half Hip	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:28 2020 Page 1
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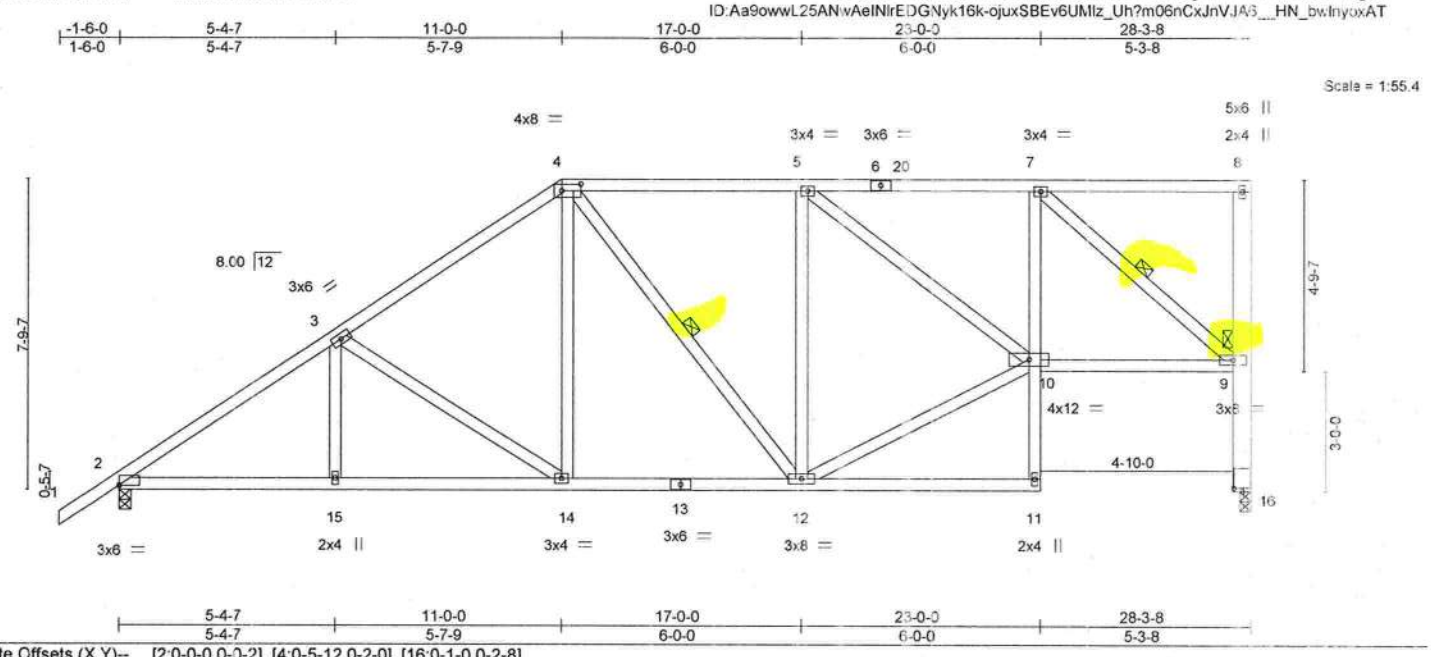

Plate Offsets (X,Y)-- [2:0-0-0,0-0-2], [4:0-5-12,0-2-0], [16:0-1-0,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.36	Vert(LL)	-0.07	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.12	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.08	16	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 197 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
7-11: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
8-16: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-9-5 oc bracing.
WEBS 1 Row at midpt 8-16, 4-12, 7-9

REACTIONS. (size) 2=0-3-8, 16=0-3-8
Max Horz 2=400(LC 12)
Max Uplift 2=-456(LC 12), 16=-462(LC 9)
Max Grav 2=1121(LC 1), 16=1036(LC 1)

VERTICAL LEGS ARE NOT DESIGNED FOR LATERAL LOADS IMPOSED BY SUPPORTS (BEARINGS).

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1571/623, 3-4=-1217/556, 4-5=-957/512, 5-7=-1017/538, 9-16=-1036/533
BOT CHORD 2-15=-767/1246, 14-15=-767/1246, 12-14=-533/942, 7-10=-236/555, 9-10=-538/1023
WEBS 3-14=-499/304, 4-14=-131/423, 5-12=-414/318, 10-12=-572/1065, 7-9=-1320/698

NOTES- (8)
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) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=456, 16=462.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988792
2435649	T15	Hip	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:30 2020 Page 1
ID:Aa9owwL25ANwAeINlrEDGNyk16k-k50httGAe5cTCld46B2atd0YIJtOa36ZrI41qgyoxAR

4-9-0	8-9-12	13-0-0	16-4-0	17-4-0	23-4-14	28-3-8
4-9-0	4-0-12	4-2-4	3-4-0	1-0-0	6-0-14	4-10-10

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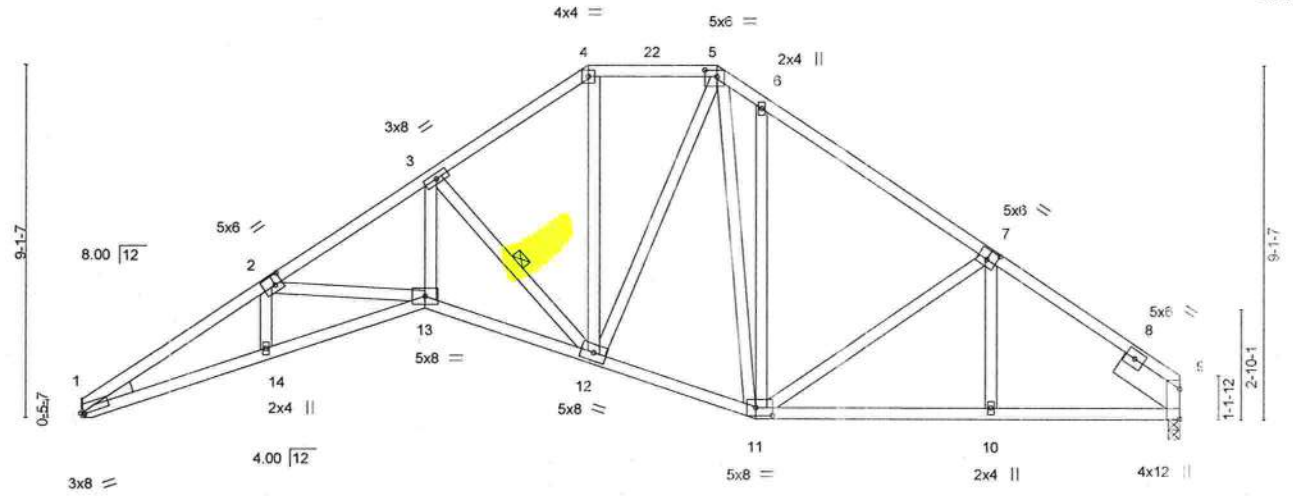

4-9-0	8-9-12	13-0-0	17-4-0	23-4-14	28-3-8
4-9-0	4-0-12	4-2-4	4-4-0	6-0-14	4-10-10

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.78	Vert(LL)	0.19	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.94	Vert(CT)	-0.33	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.24	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 186 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3
SLIDER Right 2x8 SP 2400F 2.0E 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 3-12

REACTIONS. (size) 1=Mechanical, 9=0-3-8
Max Horz 1=268(LC 9)
Max Uplift 1=-386(LC 12), 9=-376(LC 13)
Max Grav 1=1047(LC 1), 9=1047(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2795/1188, 2-3=-2478/1066, 3-4=-1262/667, 4-5=-1053/608, 5-6=-1284/784, 6-7=-1131/598, 7-9=-1338/607
BOT CHORD 1-14=-1108/2406, 13-14=-1118/2421, 12-13=-816/2080, 11-12=-219/914, 10-11=-407/1033, 9-10=-406/1034
WEBS 2-13=-337/259, 3-13=-627/1538, 3-12=-1498/739, 4-12=-224/519, 5-12=-197/443, 5-11=-432/500, 6-11=-441/342, 7-11=-281/238

NOTES- (8)
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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=386, 9=376.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988793
2435649	T16	Common	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 1 31:31 2020 Page 1
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-1-6-0 | 3-4-8 | 6-9-0 | 8-3-0
1-6-0 | 3-4-8 | 3-4-8 | 1-6-0

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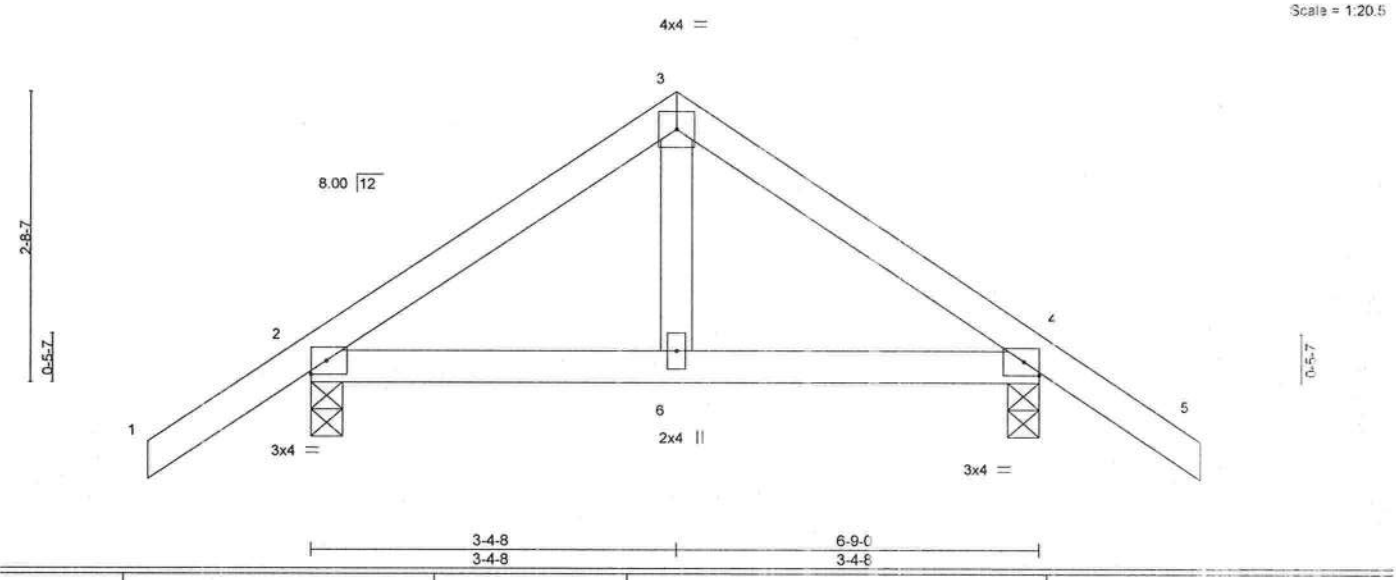

3-4-8 | 6-9-0
3-4-8 | 3-4-8

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	0.01	6-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	-0.01	6-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							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) 2=0-3-8, 4=0-3-8
Max Horz 2=101(LC 11)
Max Uplift 2=-144(LC 12), 4=-144(LC 13)
Max Grav 2=331(LC 1), 4=331(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-249/316, 3-4=-249/317

NOTES- (6)
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=144, 4=144.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Date:

August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988794
2435649	T16G	GABLE	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:32 2020 Page 1
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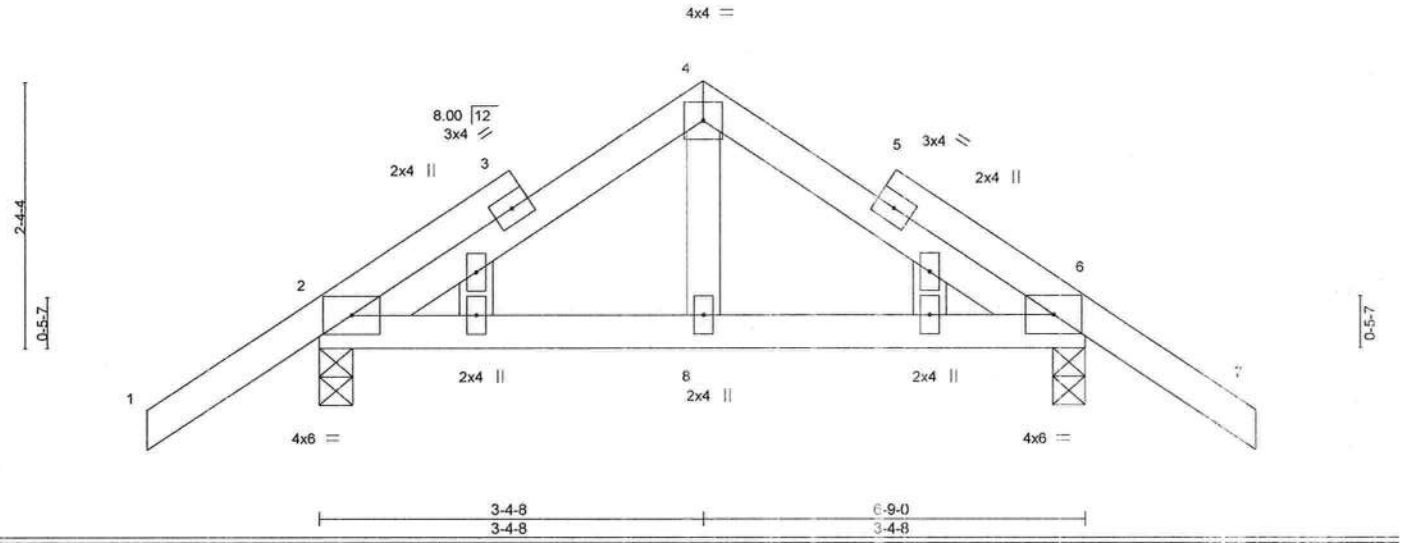
1-6-0 | 3-4-8 | 3-4-8 | 1-6-0

Scale = 1:19.5



3-4-8 | 6-9-0
3-4-8 | 3-4-8

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.22	Vert(LL)	0.01	8-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	-0.01	8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 37 lb	FT = 20%

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

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

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=90(LC 11)
Max Uplift 2=-147(LC 12), 6=-147(LC 13)
Max Grav 2=328(LC 1), 6=328(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-203/281, 4-6=-203/279
BOT CHORD 2-8=-218/256, 6-8=-218/256

NOTES- (8)
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=147, 6=147.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Date:

August 11,2020

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Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988795
2435649	V01	GABLE	1	1	Job Reference (optiona)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:33 2020 Page 1
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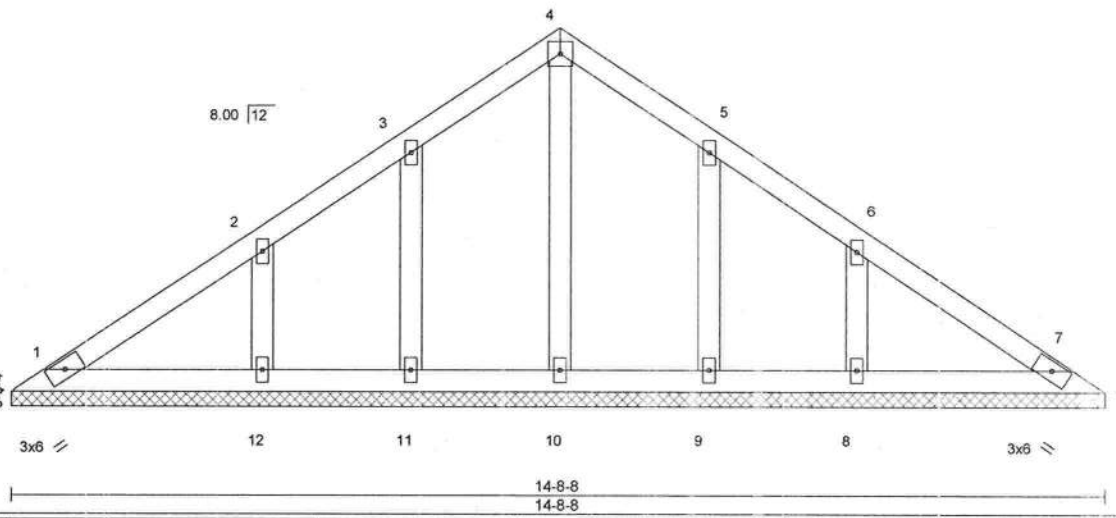

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 67 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.

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.

REACTIONS. All bearings 14-8-8.
(lb) - Max Horz 1=-143(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 11, 9 except 12=-165(LC 12), 8=-165(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 7, 10, 11, 12, 9, 8

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

NOTES- (8)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 11, 9 except (jt=lb) 12=165, 8=165.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	
2435649	V02	Valley	1	1	Job Reference (optional)	T20988796

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:34 2020 Page 1
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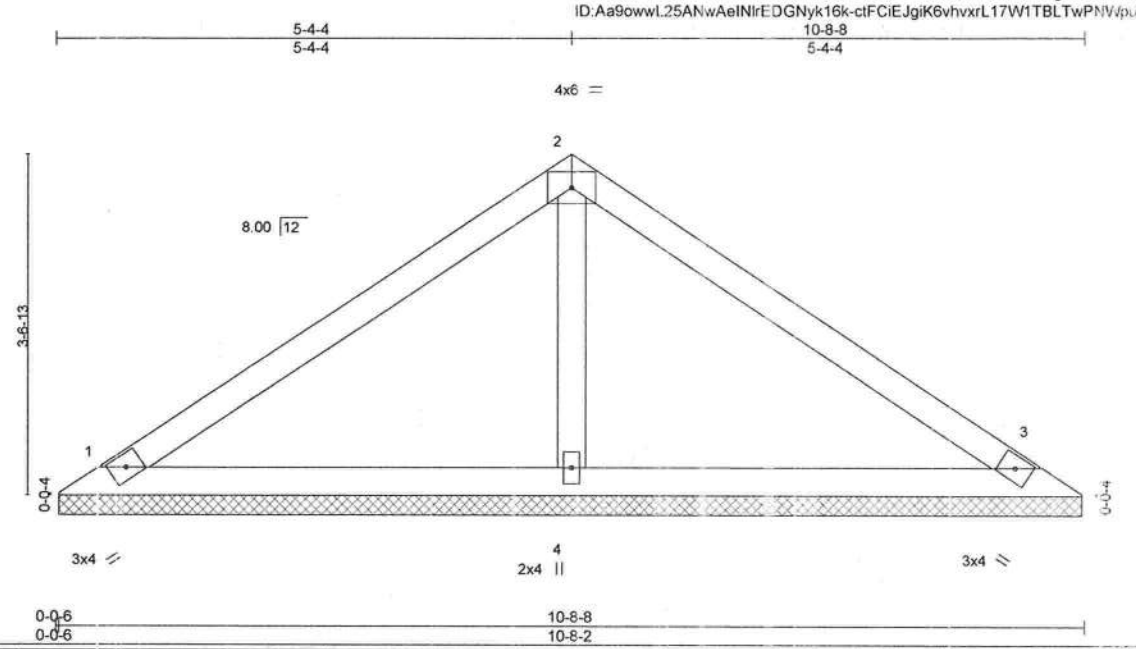

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.29	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 38 lb	FT = 20%

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

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

REACTIONS. (size) 1=10-7-12, 3=10-7-12, 4=10-7-12
Max Horz 1=-101(LC 8)
Max Uplift 1=-79(LC 12), 3=-93(LC 13), 4=-101(LC 12)
Max Grav 1=176(LC 1), 3=178(LC 20), 4=368(LC 1)

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

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988797
2435649	V03	Valley	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:35 2020 Page 1
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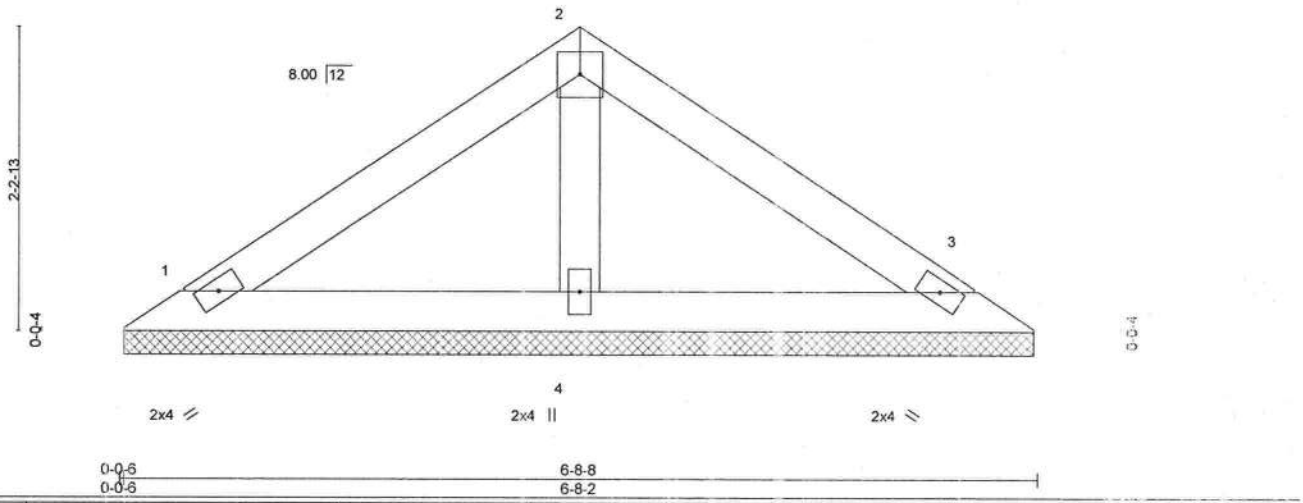

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 23 lb	FT = 20%

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

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

REACTIONS. (size) 1=6-7-12, 3=6-7-12, 4=6-7-12
Max Horz 1=-60(LC 8)
Max Uplift 1=-56(LC 12), 3=-64(LC 13), 4=-41(LC 12)
Max Grav 1=114(LC 1), 3=114(LC 1), 4=198(LC 1)

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

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC
2435649	V04	GABLE	1	1	T20988798
					Job Reference (optiona)

Builders FirstSource, Jacksonville, FL - 32244, 8 240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:36 2020 Page 1
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7-10-8 | 15-0-8 | 22-11-0
7-10-8 | 7-2-0 | 7-10-8

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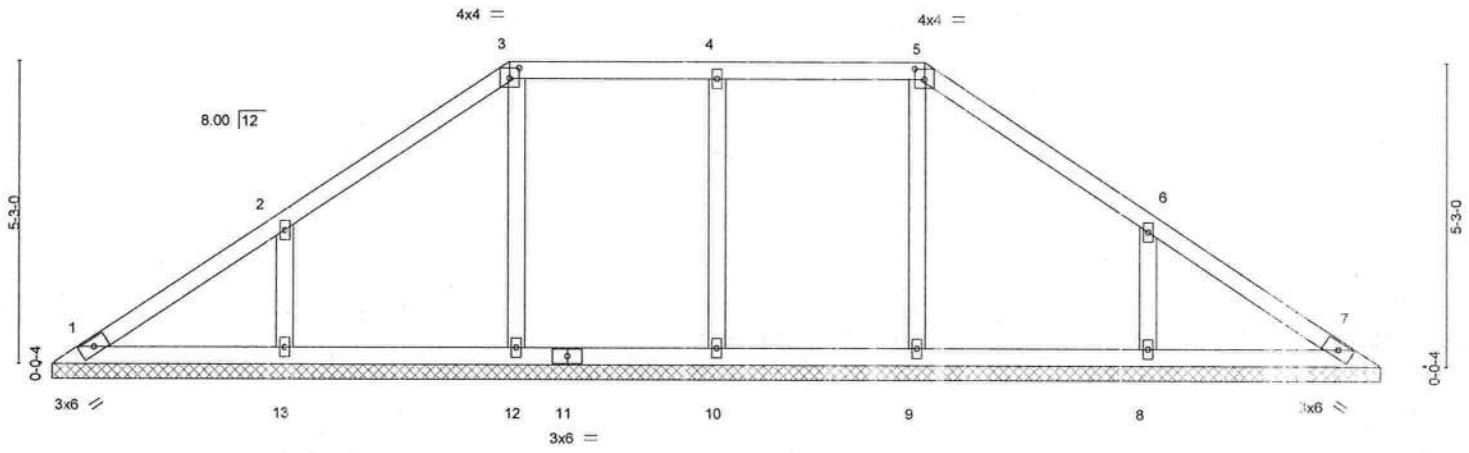

22-11-0
22-11-0

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

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	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 98 lb	FT = 20%

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

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

REACTIONS. All bearings 22-11-0.
(lb) - Max Horz 1=-154(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 9, 12 except 10=-149(LC 9), 8=-248(LC 13), 13=-248(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 10=364(LC 25), 8=361(LC 20), 9=256(LC 26), 13=361(LC 19), 12=266(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 6-8=-301/265, 2-13=-301/265

NOTES- (9)
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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 9, 12 except (jt=lb) 10=149, 8=248, 13=248.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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August 11,2020

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988799
2435649	V05	GABLE	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:37 2020 Page 1
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7-10-8 | 3-2-0 | 7-10-8

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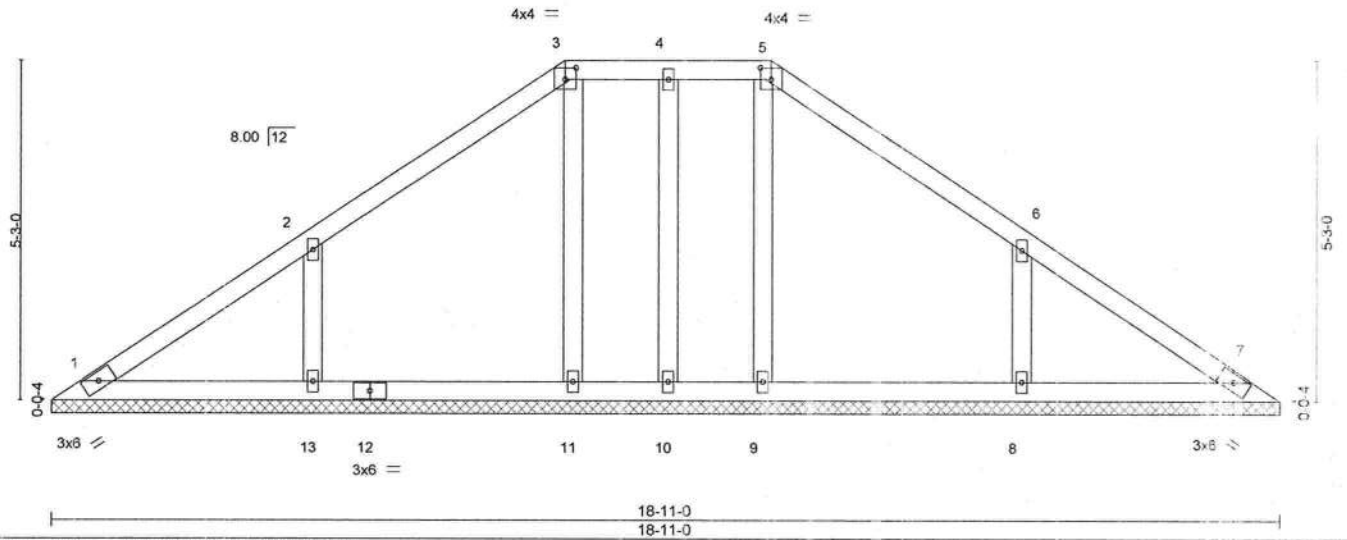

Plate Offsets (X,Y)-- [3:0-2-0,0-2-3], [5:0-2-0,0-2-3]

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	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 86 lb	FT = 20%

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

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

REACTIONS. All bearings 18-11-0.
(lb) - Max Horz 1=-154(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 10, 9, 11 except 8=-249(LC 13), 13=-249(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 7, 10, 9, 11 except 8=366(LC 20), 13=366(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 6-8=-301/267, 2-13=-301/267

NOTES- (9)
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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 10, 9, 11 except (jt=lb) 8=249, 13=249.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988800
2435649	V06	Valley	1	1	Job Reference (optional)	

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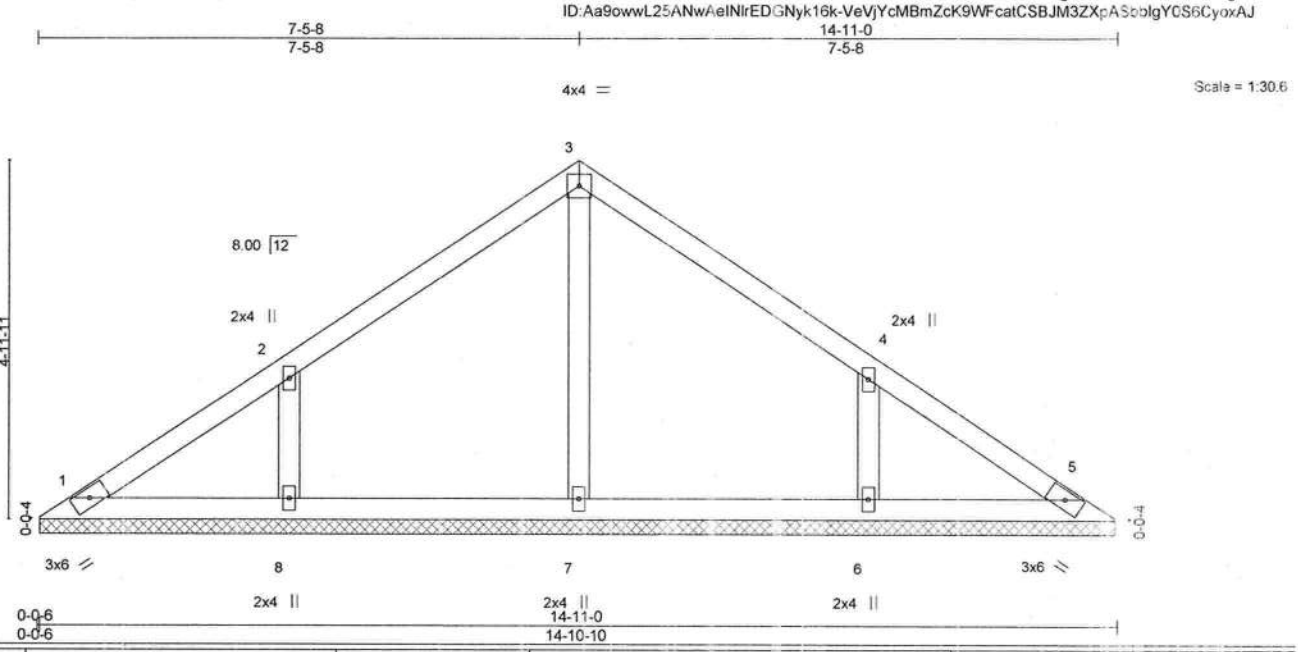


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014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

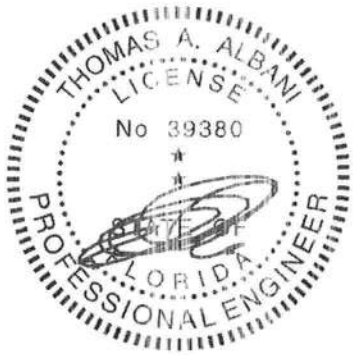
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 14-10-4.
(lb) - Max Horz 1=-145(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 7 except 8=-236(LC 12), 6=-236(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=342(LC 19), 6=342(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-284/255, 4-6=-284/255

NOTES- (7)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 7 except (jt=lb) 8=236, 6=236.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.



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August 11,2020

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	
2435649	V07	Valley	1	1	Job Reference (optional)	T20988801

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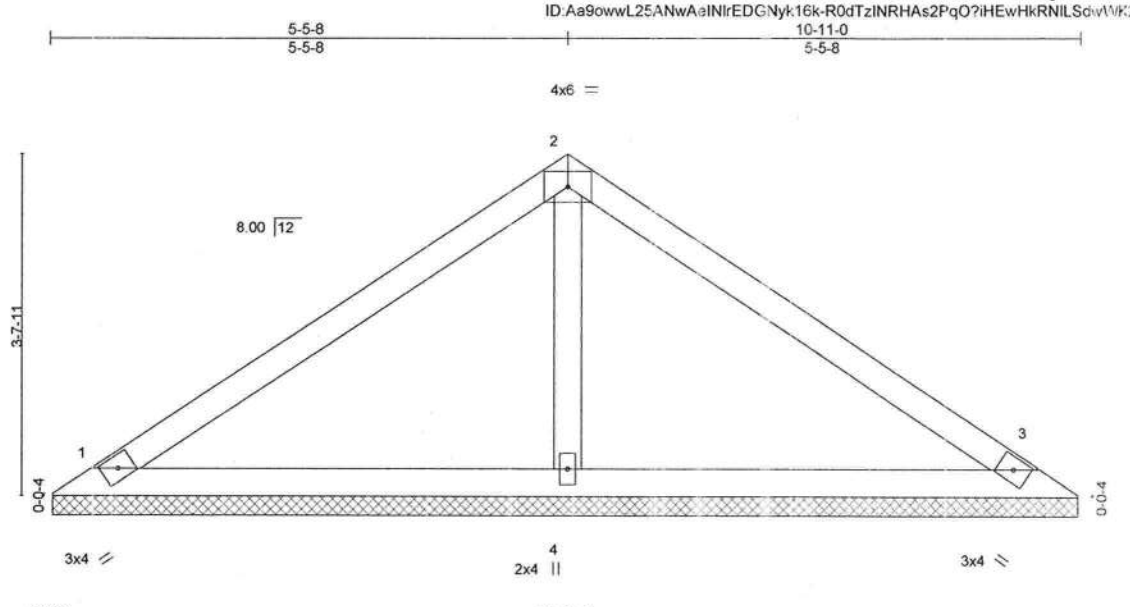

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 38 lb	FT = 20%

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

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

REACTIONS. (size) 1=10-10-4, 3=10-10-4, 4=10-10-4
Max Horz 1=-103(LC 8)
Max Uplift 1=-81(LC 12), 3=-95(LC 13), 4=-103(LC 12)
Max Grav 1=180(LC 1), 3=182(LC 20), 4=376(LC 1)

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

NOTES- (7)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3 except (jt=lb) 4=103.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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August 11,2020

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	
2435649	V08	Valley	1	1	Job Reference (optiona)	T20988802

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:41 2020 Page 1
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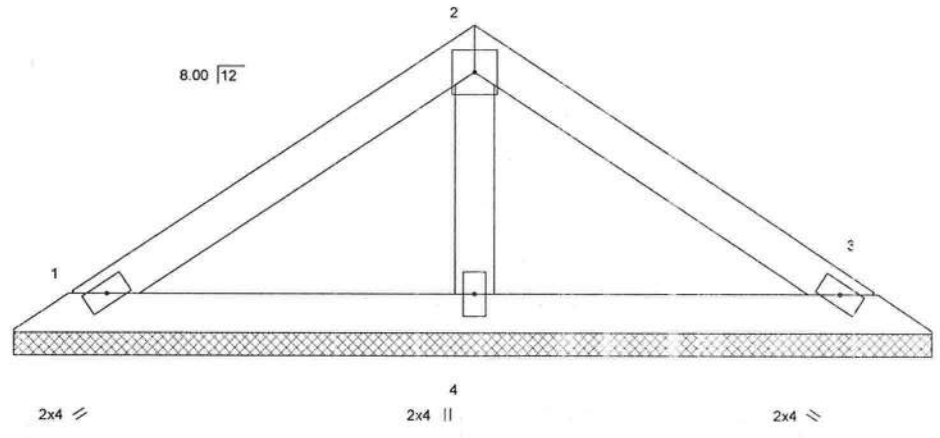

Scale = 1:16.5

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	0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 23 lb	FT = 20%

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

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

REACTIONS. (size) 1=6-10-4, 3=6-10-4, 4=6-10-4
Max Horz 1=62(LC 9)
Max Uplift 1=-58(LC 12), 3=-66(LC 13), 4=-43(LC 12)
Max Grav 1=118(LC 1), 3=118(LC 1), 4=205(LC 1)

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

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	
2435649	V09	Valley	1	1	Job Reference (optional)	T20988803

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:43 2020 Page 1
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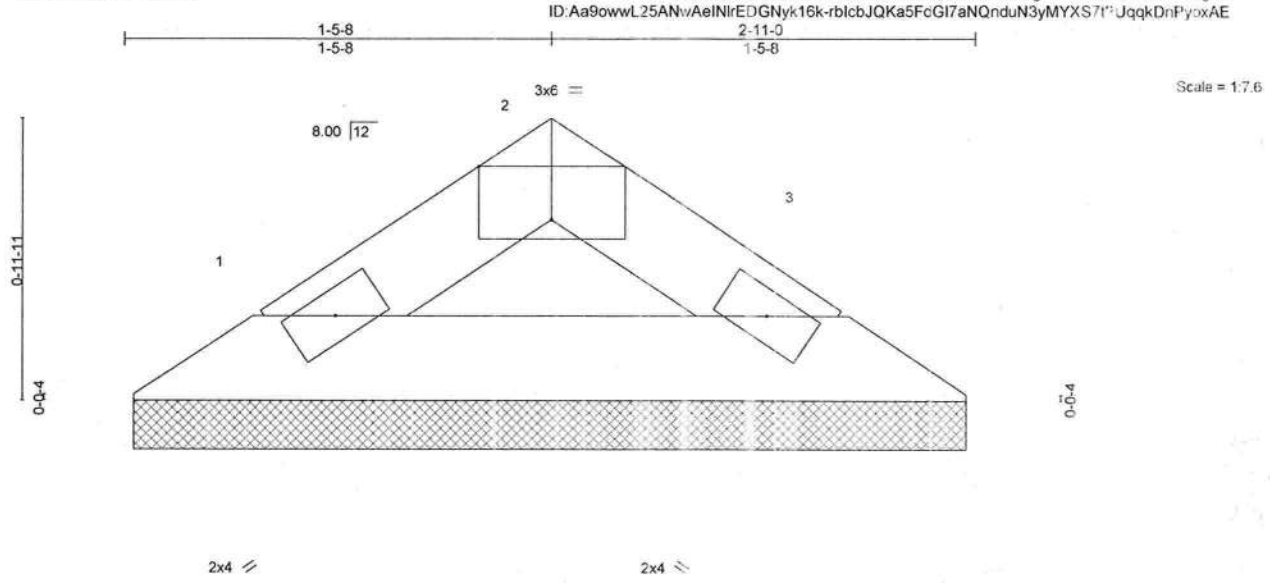

Plate Offsets (X,Y)-- [2:0-3-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	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: 8 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 2-11-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=2-10-4, 3=2-10-4
Max Horz 1=-20(LC 8)
Max Uplift 1=-26(LC 12), 3=-26(LC 13)
Max Grav 1=72(LC 1), 3=72(LC 1)

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

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

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August 11,2020

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988804
2435649	V10	Valley	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:44 2020 Page 1
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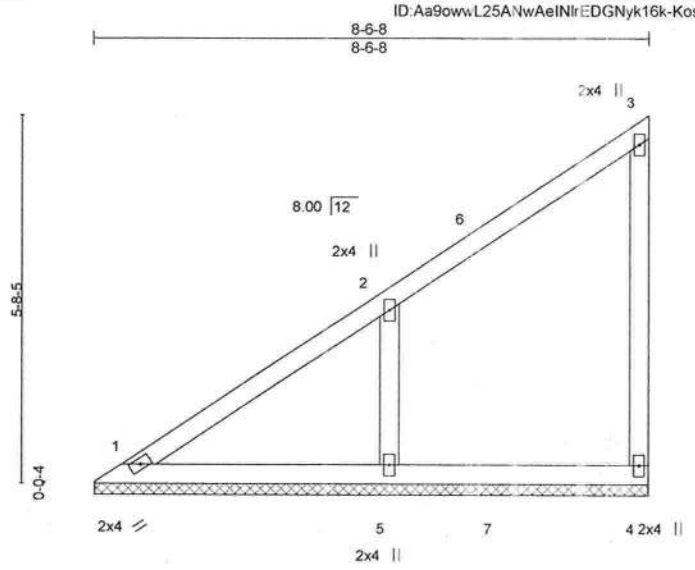

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.15	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 38 lb	FT = 20%

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

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

REACTIONS. (size) 1=8-6-2, 4=8-6-2, 5=8-6-2
Max Horz 1=233(LC 12)
Max Uplift 4=-51(LC 14), 5=-251(LC 12)
Max Grav 1=119(LC 21), 4=167(LC 19), 5=424(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-257/216
WEBS 2-5=-343/304

NOTES- (6)
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) Gable requires continuous bottom chord bearing.
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) 4 except (jt=lb) 5=251.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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August 11,2020

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988805
2435649	V11	Valley	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:45 2020 Page 1
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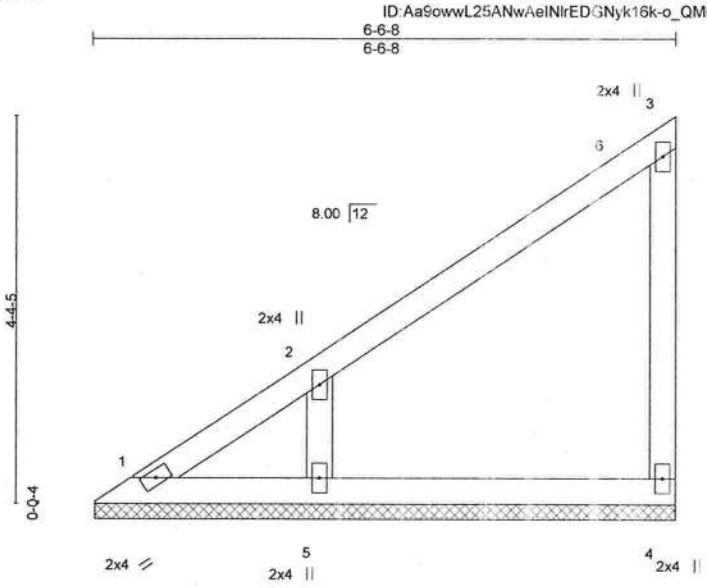

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 28 lb	FT = 20%

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

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

REACTIONS. (size) 1=6-6-2, 4=6-6-2, 5=6-6-2
Max Horz 1=188(LC 12)
Max Uplift 1=-25(LC 10), 4=-80(LC 12), 5=-222(LC 12)
Max Grav 1=105(LC 12), 4=130(LC 19), 5=331(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-295/269

NOTES- (6)
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) Gable requires continuous bottom chord bearing.
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) 1, 4 except (jt=lb) 5=222.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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August 11,2020

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Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988806
2435649	V12	Valley	1	1	Job Reference (optiona)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 1[illegible]:31:45 2020 Page 1
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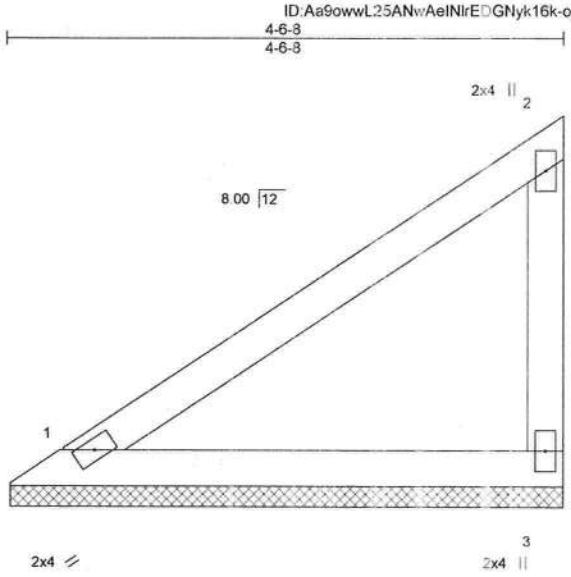

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.27	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.18	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 18 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=4-6-2, 3=4-6-2
Max Horz 1=127(LC 12)
Max Uplift 1=-25(LC 12), 3=-109(LC 12)
Max Grav 1=145(LC 1), 3=162(LC 19)

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

NOTES- (6)
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) Gable requires continuous bottom chord bearing.
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) 1 except (jt=lb) 3=109.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB-EAGLE - LOT 30 TC	T20988807
2435649	V13	Valley	1	1	Job Reference (optional)	

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Tue Aug 11 11:31:46 2020 Page 1
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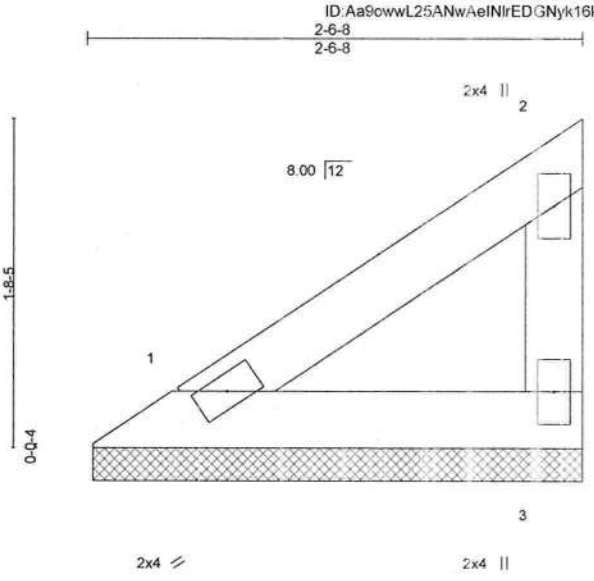

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 9 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 2-6-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=2-6-2, 3=2-6-2
Max Horz 1=62(LC 12)
Max Uplift 1=-12(LC 12), 3=-53(LC 12)
Max Grav 1=71(LC 1), 3=79(LC 19)

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

NOTES- (6)
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) Gable requires continuous bottom chord bearing.
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) 1, 3.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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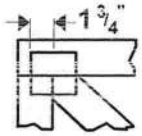
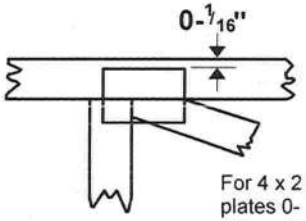
Symbols

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

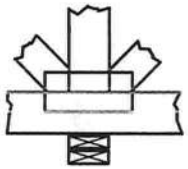
4 x 4

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

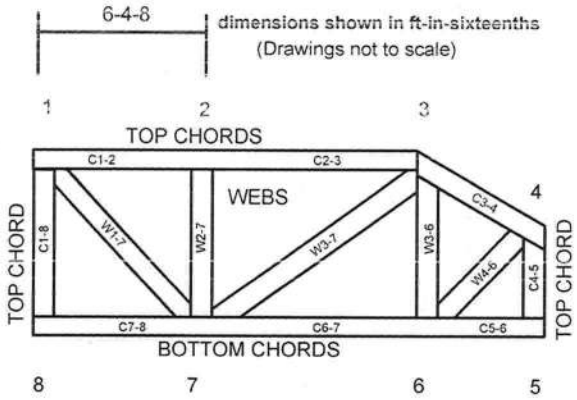


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.

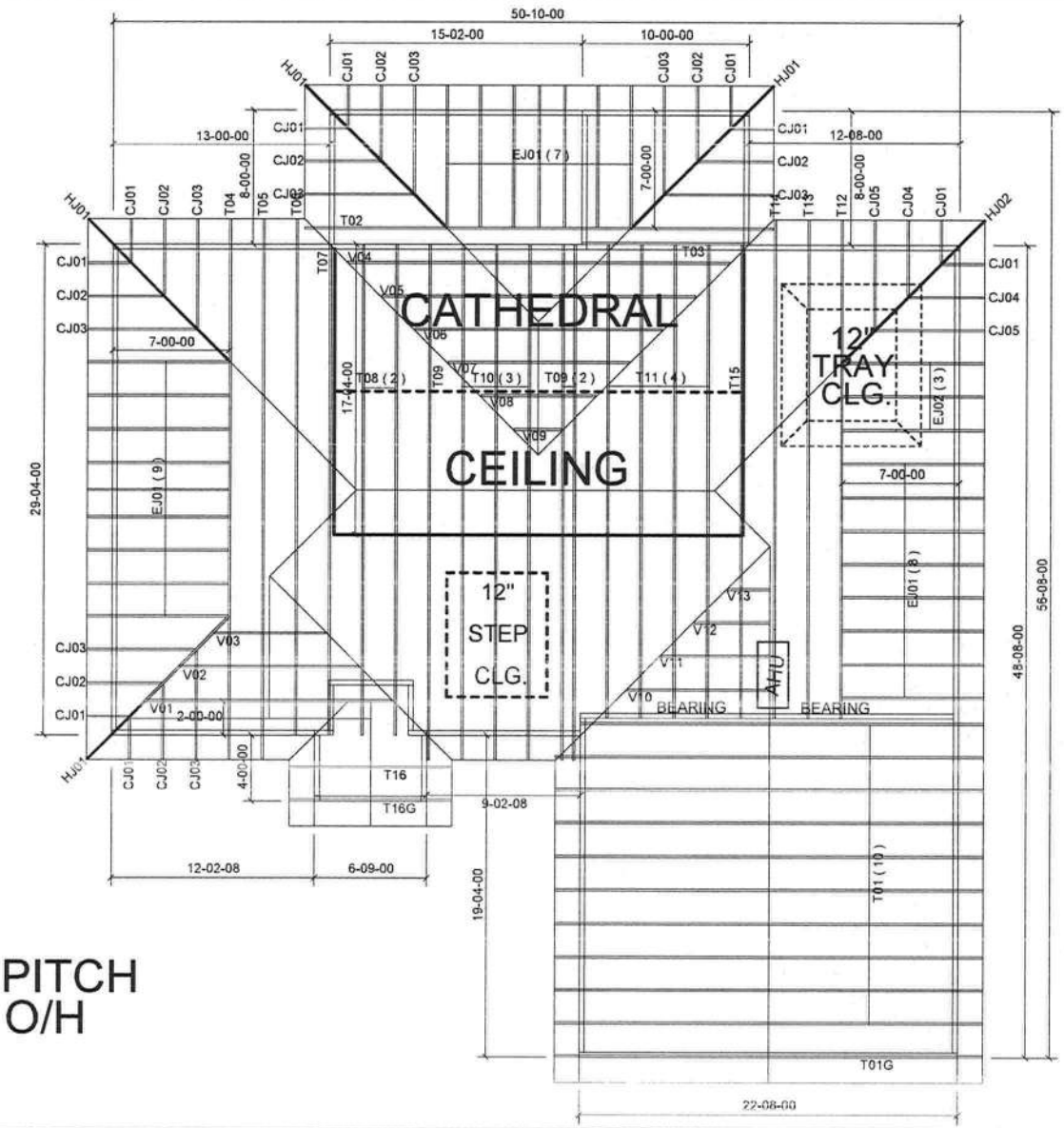
MiTek®

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

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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



8/12 PITCH
18" O/H

BEARING HEIGHT SCHEDULE

9' 1-1/8"

NOTES:

1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.

2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DEGREED OR REFER TO DETAIL YD9 FOR ALTERNATE BRACING REQUIREMENTS.

3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.

4) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING UNLESS OTHERWISE NOTED.

5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING UNLESS OTHERWISE NOTED.

6) ST42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.

7) BEAM/HEADER INTEL (BOM) TO BE FURNISHED BY BUILDER.

Builders FirstSource

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Freeport
PHONE: 850-835-4541 FAX: 850-835-6835

BUILDER: LIPSCOMB EAGLE

LOT 30 TURKEY CREEK

Date:	Designer:	Original Reference #:
8-11-20	KLH	2435649
2nd Level Ref #:	2nd Level Ref #:	Roof Ref #: 2435649

MITEK PLATE APPROVAL #'s 2197.2 - 2197.4, LP PRODUCT #'s LVL #15228-R3 & LPI #15401-R4