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

RE: 932704 -

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

Site Information:
Customer Info: Starr Custom Homes Project Name: 932704 Model: Custom
Lot/Block: 97 Subdivision: Pablo Creek Reserve
Address: 14303 Cottage Lake Rd.
City: DUval State: Florida

Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name: Pontigo, Luis Antonio, PE License #: 53311
Address: 420 Osceola Ave.
City: Jacksonville Beach State: Florida

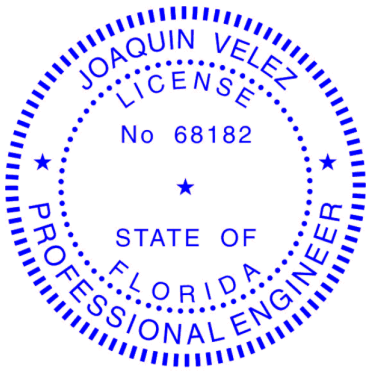
General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2014/TPI2007 Design Program: MiTek 20/20 7.6
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 32.0 psf Floor Load: 55.0 psf

This package includes 87 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	T10033703	CJ01	12/12/16	18	T10033720	F14	12/12/16
2	T10033704	CJ02	12/12/16	19	T10033721	F16	12/12/16
3	T10033705	EJ01	12/12/16	20	T10033722	F17	12/12/16
4	T10033706	EJ02	12/12/16	21	T10033723	F18	12/12/16
5	T10033707	F01	12/12/16	22	T10033724	F19	12/12/16
6	T10033708	F02	12/12/16	23	T10033725	F20	12/12/16
7	T10033709	F03	12/12/16	24	T10033726	F21	12/12/16
8	T10033710	F04	12/12/16	25	T10033727	F22	12/12/16
9	T10033711	F05	12/12/16	26	T10033728	F23	12/12/16
10	T10033712	F06	12/12/16	27	T10033729	HJ01	12/12/16
11	T10033713	F07	12/12/16	28	T10033730	HJ02	12/12/16
12	T10033714	F08	12/12/16	29	T10033731	T01	12/12/16
13	T10033715	F09	12/12/16	30	T10033732	T02	12/12/16
14	T10033716	F10	12/12/16	31	T10033733	T03	12/12/16
15	T10033717	F11	12/12/16	32	T10033734	T04	12/12/16
16	T10033718	F12	12/12/16	33	T10033735	T06	12/12/16
17	T10033719	F13	12/12/16	34	T10033736	T07	12/12/16

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

Truss Design Engineer's Name: Velez, Joaquin
My license renewal date for the state of Florida is February 28, 2017.



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

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's 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.

December 12,2016

RE: 932704 -

Site Information:

Customer Info: Starr Custom Homes Project Name: 932704 Model: Custom
Lot/Block: 97 Subdivision: Pablo Creek Reserve
Address: 14303 Cottage Lake Rd.
City: DUval State: Florida

No.	Seal#	Truss Name	Date
35	T10033737	T11	12/12/16
36	T10033738	T12	12/12/16
37	T10033739	T13	12/12/16
38	T10033740	T14	12/12/16
39	T10033741	T16	12/12/16
40	T10033742	T17	12/12/16
41	T10033743	T18	12/12/16
42	T10033744	T19	12/12/16
43	T10033745	T20	12/12/16
44	T10033746	T21	12/12/16
45	T10033747	T22	12/12/16
46	T10033748	T24	12/12/16
47	T10033749	T25	12/12/16
48	T10033750	T26	12/12/16
49	T10033751	T28	12/12/16
50	T10033752	T29	12/12/16
51	T10033753	T30	12/12/16
52	T10033754	T31	12/12/16
53	T10033755	T32	12/12/16
54	T10033756	T33	12/12/16
55	T10033757	T34	12/12/16
56	T10033758	T35	12/12/16
57	T10033759	T38	12/12/16
58	T10033760	T39	12/12/16
59	T10033761	T40	12/12/16
60	T10033762	T41	12/12/16
61	T10033763	T42	12/12/16
62	T10033764	T43	12/12/16
63	T10033765	T43A	12/12/16
64	T10033766	T44	12/12/16
65	T10033767	T45	12/12/16
66	T10033768	T46	12/12/16
67	T10033769	T47	12/12/16
68	T10033770	T48	12/12/16
69	T10033771	T49	12/12/16
70	T10033772	TF01	12/12/16
71	T10033773	TF02	12/12/16
72	T10033774	TF03	12/12/16
73	T10033775	TF04	12/12/16
74	T10033776	TG01	12/12/16
75	T10033777	TG02	12/12/16
76	T10033778	TG03	12/12/16
77	T10033779	TG04	12/12/16
78	T10033780	TG05	12/12/16
79	T10033781	V01	12/12/16
80	T10033782	V02	12/12/16
81	T10033783	V03	12/12/16
82	T10033784	V04	12/12/16
83	T10033785	V05	12/12/16
84	T10033786	V06	12/12/16
85	T10033787	V07	12/12/16
86	T10033788	V08	12/12/16
87	T10033789	V09	12/12/16

Job	Truss	Truss Type	Qty	Ply	
932704	CJ01	Jack-Open	2	1	T10033703
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:04 2016 Page 1

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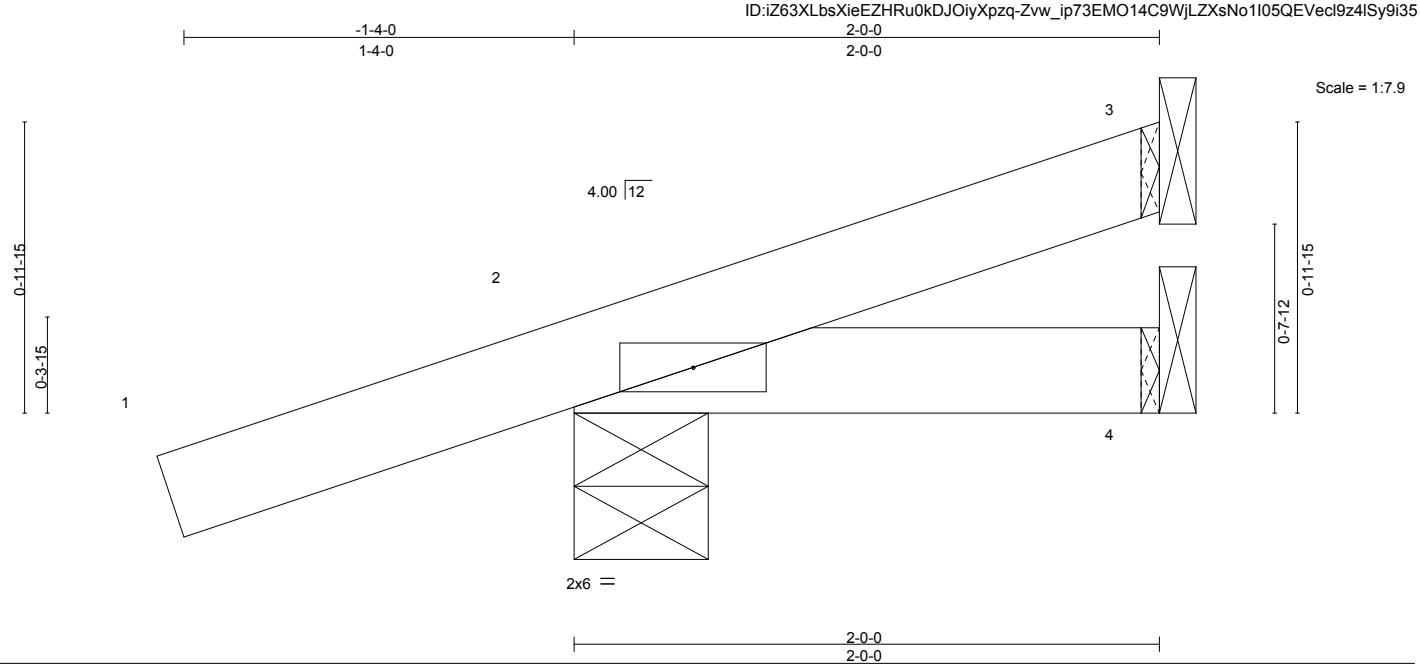

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(TL)	-0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	2	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							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 2-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=31/Mechanical, 2=161/0-5-8, 4=10/Mechanical
Max Horz 2=66(LC 8)
Max Uplift 3=-29(LC 8), 2=-165(LC 8), 4=-17(LC 9)
Max Grav 3=31(LC 1), 2=161(LC 1), 4=21(LC 3)

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

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; 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=165.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	CJ02	Jack-Open	2	1	T10033704
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:05 2016 Page 1

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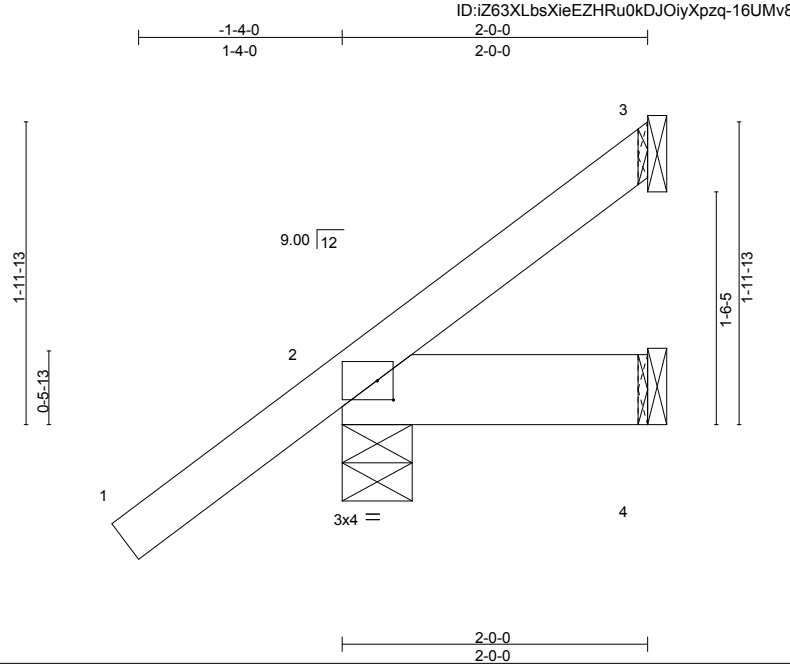

Plate Offsets (X,Y)-- [2:0-1-4,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(TL)	-0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 11 lb	FT = 20%

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

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

REACTIONS. (lb/size) 3=33/Mechanical, 2=164/0-5-8, 4=7/Mechanical
Max Horz 2=125(LC 12)
Max Uplift 3=-45(LC 12), 2=-80(LC 12), 4=-2(LC 12)
Max Grav 3=41(LC 19), 2=164(LC 1), 4=26(LC 3)

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

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	EJ01	Jack-Partial	6	1	T10033705
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:05 2016 Page 1

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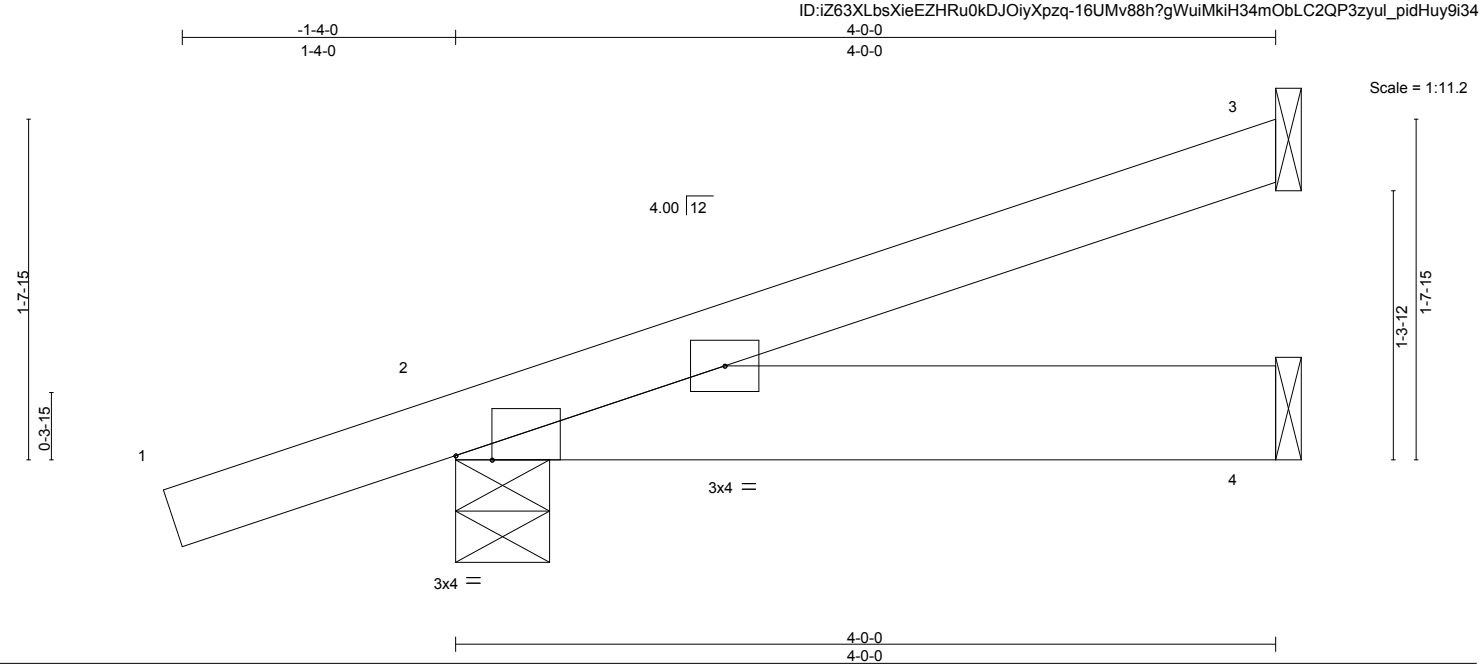

Plate Offsets (X,Y)-- [2:0-2-2,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	0.01	6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(TL)	-0.01	6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 18 lb	FT = 20%

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

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

REACTIONS. (lb/size) 3=69/Mechanical, 2=214/0-5-8, 4=44/Mechanical
Max Horz 2=102(LC 8)
Max Uplift 3=-65(LC 8), 2=-213(LC 8), 4=-53(LC 8)
Max Grav 3=69(LC 1), 2=214(LC 1), 4=60(LC 3)

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

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; 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=213.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	EJ02	Jack-Partial	1	1	T10033706
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:06 2016 Page 1

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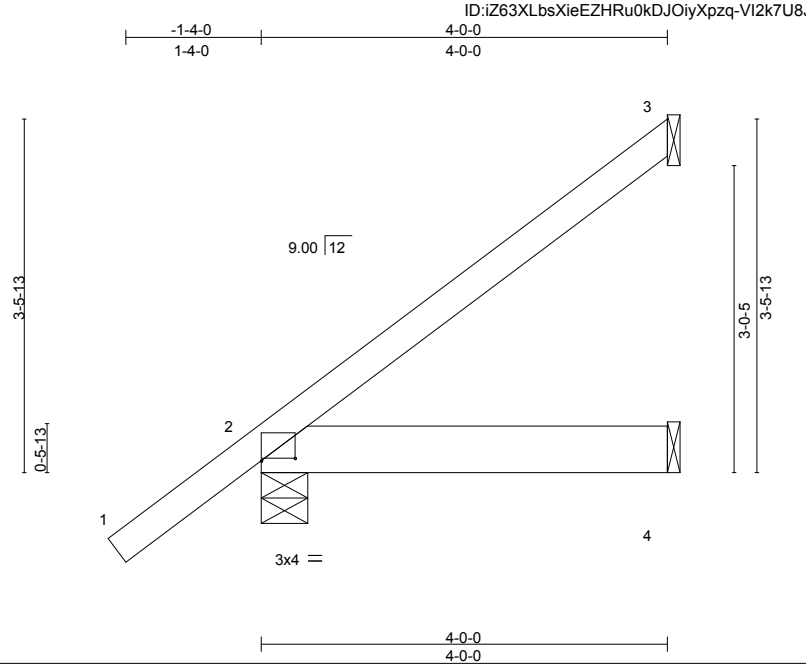

Plate Offsets (X,Y)-- [2:0-4-0,0-0-5]

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	0.19	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(TL)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 20 lb	FT = 20%

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

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

REACTIONS. (lb/size) 3=76/Mechanical, 2=222/0-5-8, 4=31/Mechanical
Max Horz 2=202(LC 12)
Max Uplift 3=-102(LC 12), 2=-84(LC 12), 4=-14(LC 12)
Max Grav 3=93(LC 19), 2=222(LC 1), 4=55(LC 3)

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

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4 except (jt=lb) 3=102.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F01	GABLE	1	1	T10033707

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:06 2016 Page 1

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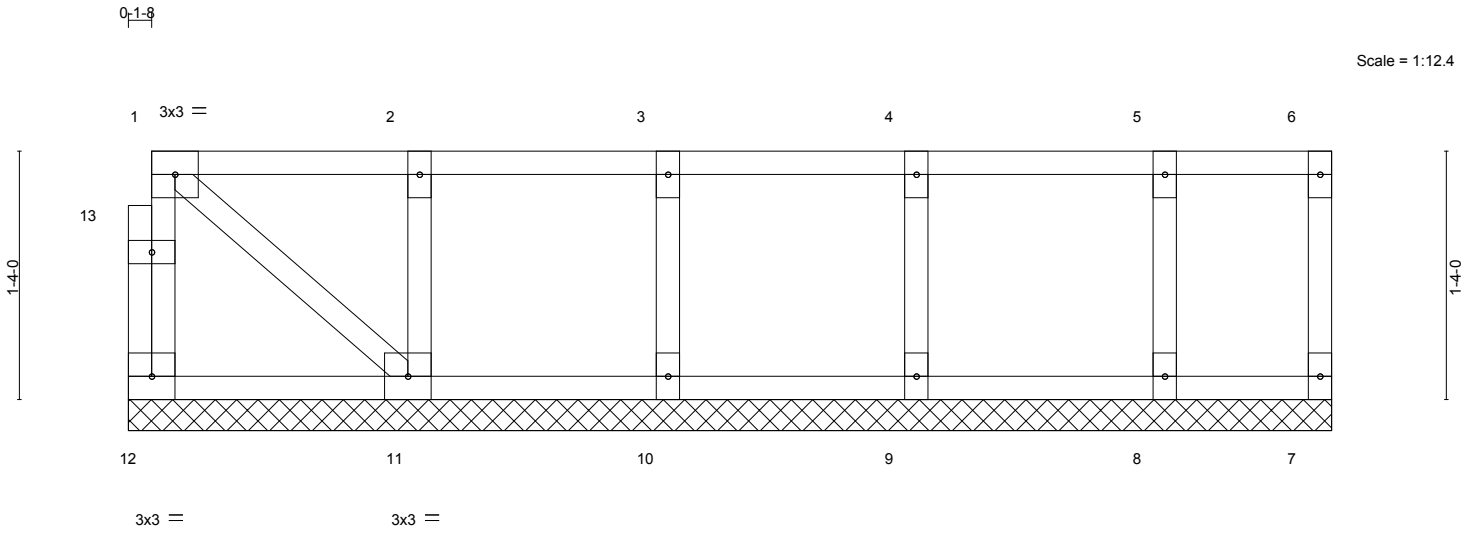

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 33 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.3(flat)

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-5-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 6-5-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 12, 7, 11, 10, 9, 8

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

NOTES- (8)
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F02	Floor	1	1	T10033708

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:07 2016 Page 1

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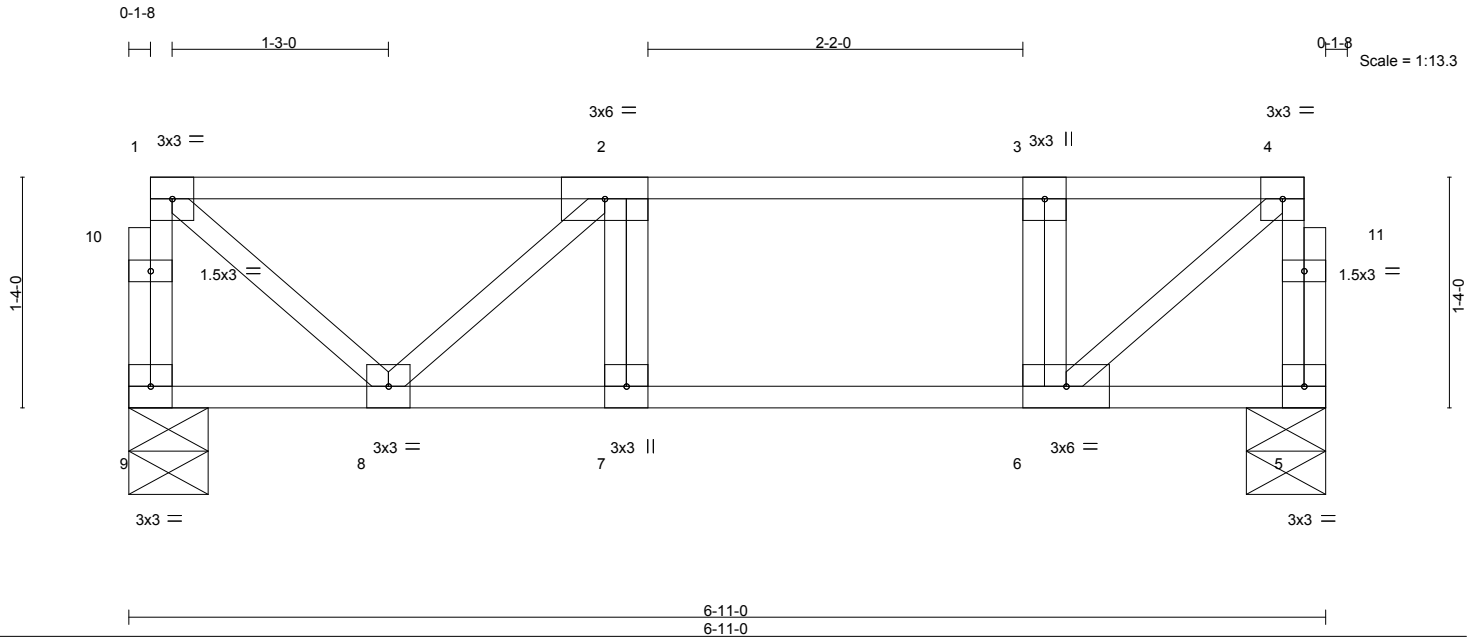

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.53	Vert(LL)	-0.07	7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.58	Vert(TL)	-0.09	7	>857	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.28	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 40 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 9=360/0-5-8, 5=360/0-5-8

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

TOP CHORD	9-10=-365/0, 1-10=-365/0, 5-11=-393/0, 4-11=-392/0, 1-2=-282/0, 2-3=-469/0, 3-4=-469/0
BOT CHORD	7-8=0/469, 6-7=0/469
WEBS	1-8=0/357, 4-6=0/586, 3-6=-270/0

NOTES- (4)

1) Unbalanced floor live loads have been considered for this design.
2) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) 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.

MiTek®

6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F03	Floor	3	1	T10033709

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:07 2016 Page 1

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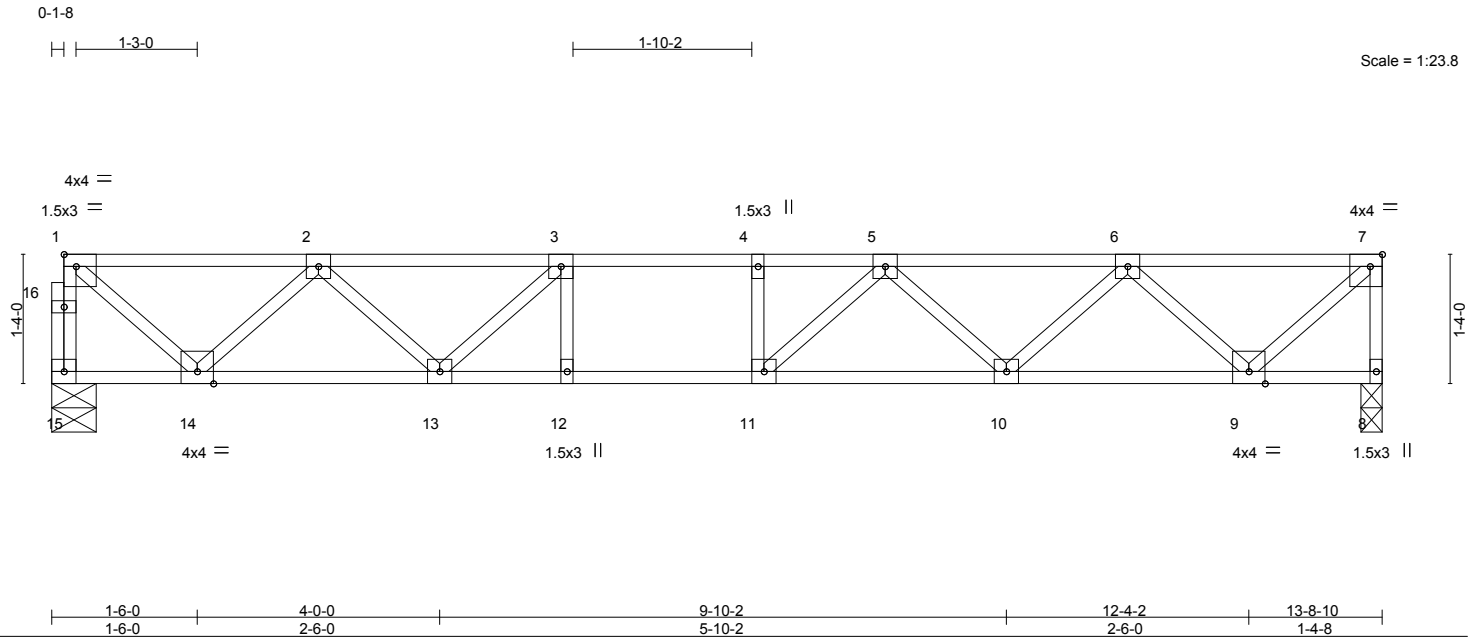

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [7:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.56	Vert(LL)	-0.14	10-11	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.91	Vert(TL)	-0.21	10-11	>784	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.45	Horz(TL)	0.03	8	n/a	n/a		
BCDL	5.0	Code FBC2014/TPI2007		(Matrix)							Weight: 71 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 15=738/0-5-8, 8=744/0-2-10

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

TOP CHORD	15-16=-735/0, 1-16=-734/0, 7-8=-737/0, 1-2=-722/0, 2-3=-1682/0, 3-4=-2043/0, 4-5=-2043/0, 5-6=-1670/0, 6-7=-690/0
BOT CHORD	13-14=0/1347, 12-13=0/2043, 11-12=0/2043, 10-11=0/1966, 9-10=0/1331
WEBS	7-9=0/937, 1-14=0/930, 6-9=-893/0, 2-14=-869/0, 6-10=0/471, 2-13=0/476, 5-10=-411/0, 3-13=-576/0, 5-11=-101/360

NOTES- (7)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x3 MT20 unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 8.
4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F04	Floor	1	1	T10033710

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:08 2016 Page 1

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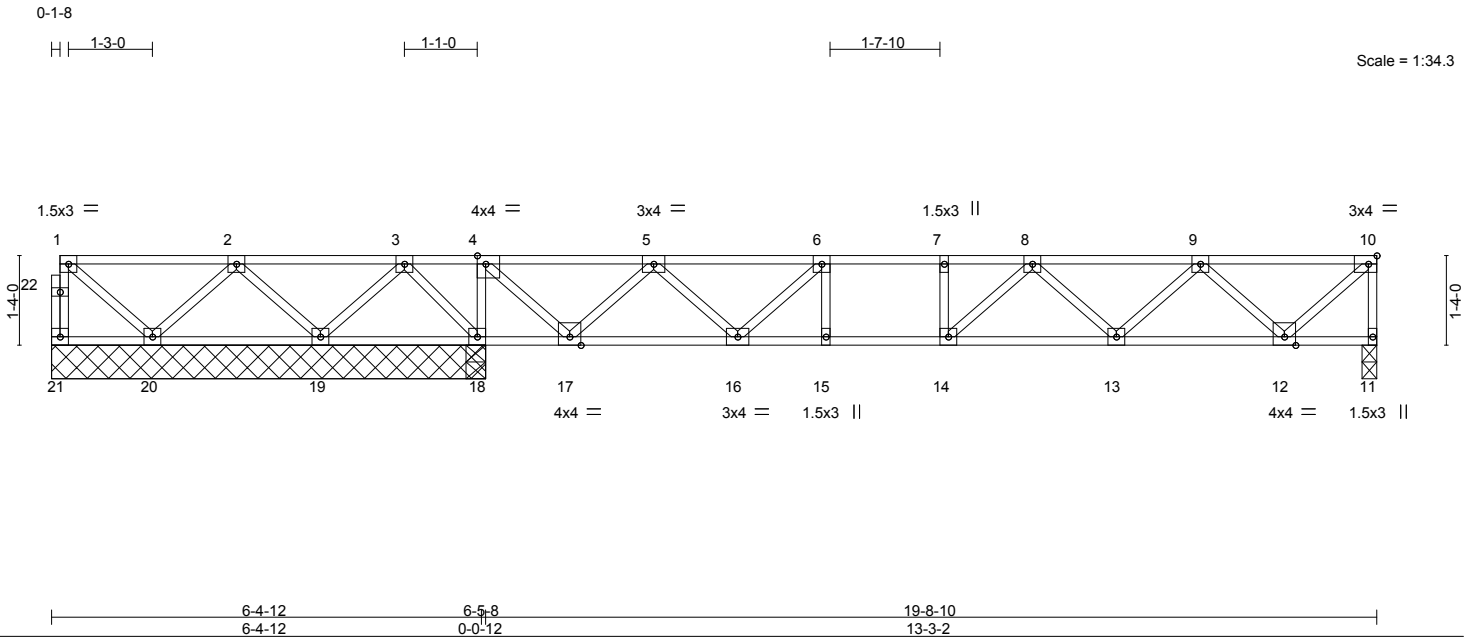

Plate Offsets (X,Y)-- [4:0-1-8,Edge], [10:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.57	Vert(LL)	-0.12	13-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.89	Vert(TL)	-0.19	13-14	>834	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.47	Horz(TL)	0.02	11	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 102 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. All bearings 6-5-8 except (jt=length) 11=0-2-10.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) 21 except 19=-244(LC 4)
Max Grav All reactions 250 lb or less at joint(s) 21, 20, 19 except 11=647(LC 4), 18=1318(LC 1), 18=1318(LC 1)

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

TOP CHORD	10-11=-638/0, 3-4=0/900, 4-5=-90/293, 5-6=-974/0, 6-7=-1470/0, 7-8=-1470/0, 8-9=-1372/0, 9-10=-581/0
BOT CHORD	18-19=-528/0, 17-18=-900/0, 16-17=0/545, 15-16=0/1470, 14-15=0/1470, 13-14=0/1556, 12-13=0/1126
WEBS	4-18=-876/0, 2-19=-316/0, 3-19=-18/517, 10-12=0/790, 4-17=0/996, 9-12=-758/0, 5-17=-939/0, 9-13=0/342, 5-16=0/598, 8-13=-256/0, 6-16=-677/0, 3-18=-597/0

NOTES- (8)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x3 MT20 unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 11.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 21 except (jt=lb) 19=244.
5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.
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.

MiTek
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Job	Truss	Truss Type	Qty	Ply	
932704	F05	Floor	4	1	T10033711

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:09 2016 Page 1

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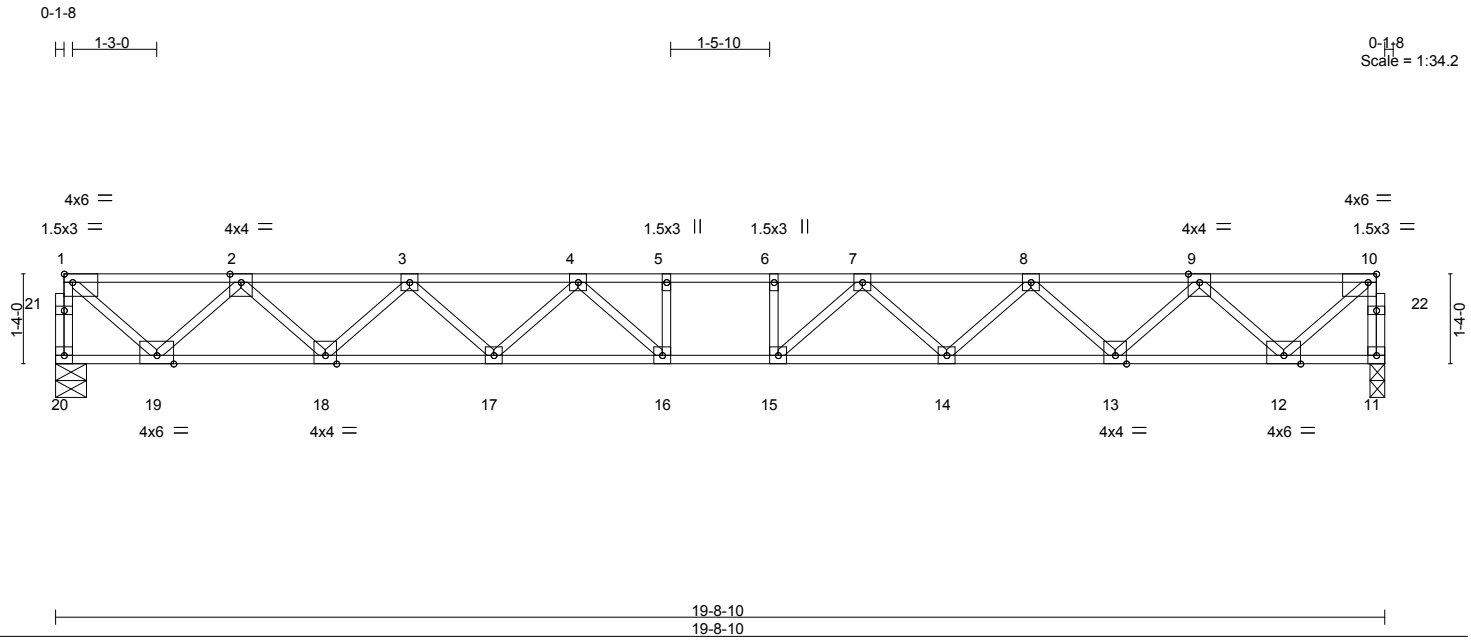

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [10:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.61	Vert(LL)	-0.31	15-16	>749	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.51	Vert(TL)	-0.49	15-16	>480	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.67	Horz(TL)	0.08	11	n/a	n/a		
BCDL	5.0	Code FBC2014/TPI2007		(Matrix)							Weight: 102 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP M 31(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 20=1065/0-5-8, 11=1065/0-2-10

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

TOP CHORD	20-21=-1059/0, 1-21=-1058/0, 11-22=-1059/0, 10-22=-1058/0, 1-2=-1091/0, 2-3=-2728/0, 3-4=-3763/0, 4-5=-4282/0, 5-6=-4282/0, 6-7=-4282/0, 7-8=-3763/0, 8-9=-2728/0, 9-10=-1091/0
BOT CHORD	18-19=0/2057, 17-18=0/3373, 16-17=0/4125, 15-16=0/4282, 14-15=0/4125, 13-14=0/3373, 12-13=0/2057
WEBS	1-19=0/1408, 2-19=-1344/0, 2-18=0/933, 3-18=-898/0, 3-17=0/541, 4-17=-504/0, 4-16=-164/550, 10-12=0/1408, 9-12=-1344/0, 9-13=0/933, 8-13=-898/0, 8-14=0/541, 7-14=-504/0, 7-15=-164/550

NOTES- (6)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x3 MT20 unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 11.
4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
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	
932704	F06	Floor	2	1	T10033712

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:09 2016 Page 1

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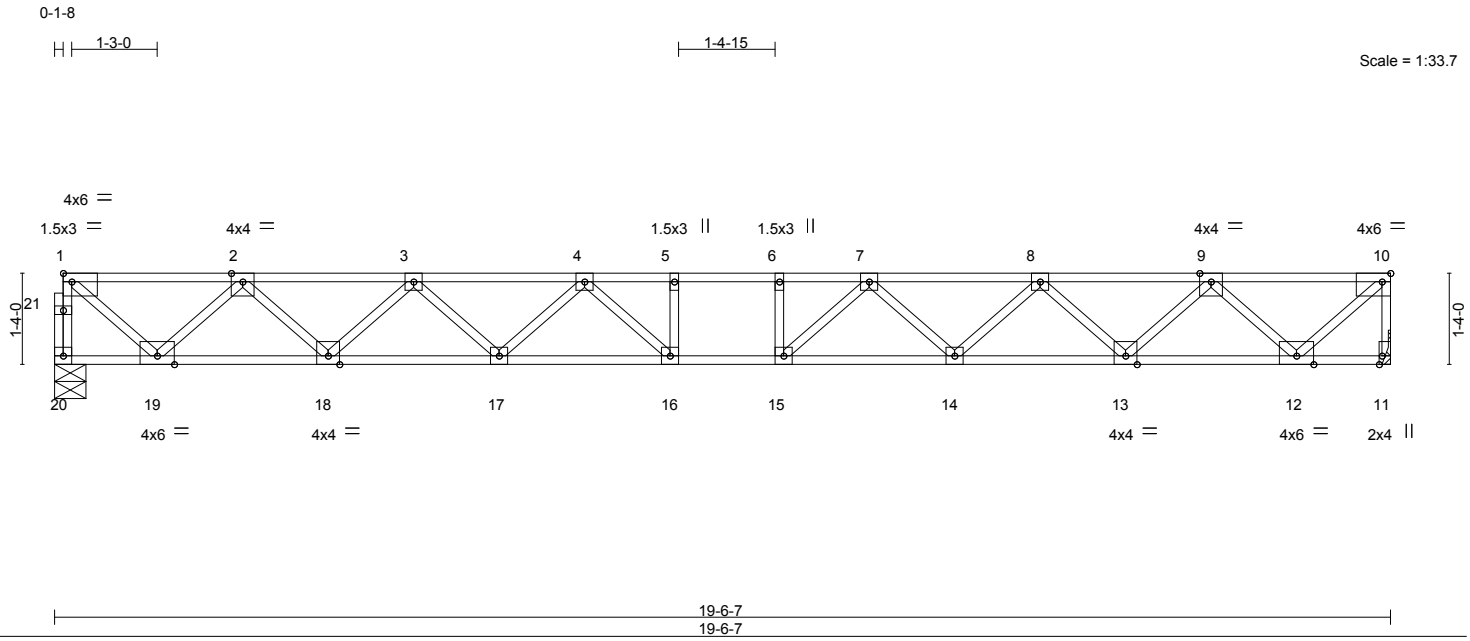

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [10:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.58	Vert(LL)	-0.31	15-16	>761	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.50	Vert(TL)	-0.48	15-16	>487	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.67	Horz(TL)	0.07	11	n/a	n/a		
BCDL	5.0	Code FBC2014/TPI2007		(Matrix)							Weight: 100 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP M 31(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 20=1058/0-5-8, 11=1064/Mechanical

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

TOP CHORD	20-21=-1052/0, 1-21=-1051/0, 10-11=-1057/0, 1-2=-1083/0, 2-3=-2707/0, 3-4=-3728/0, 4-5=-4230/0, 5-6=-4230/0, 6-7=-4230/0, 7-8=-3709/0, 8-9=-2674/0, 9-10=-1036/0
BOT CHORD	18-19=0/2043, 17-18=0/3346, 16-17=0/4084, 15-16=0/4230, 14-15=0/4072, 13-14=0/3320, 12-13=0/2002
WEBS	1-19=0/1399, 2-19=-1334/0, 2-18=0/924, 3-18=-888/0, 3-17=0/532, 4-17=-494/0, 4-16=-170/534, 10-12=0/1408, 9-12=-1345/0, 9-13=0/935, 8-13=-898/0, 8-14=0/541, 7-14=-505/0, 7-15=-160/544

NOTES- (7)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x3 MT20 unless otherwise indicated.
3) Refer to girder(s) for truss to truss connections.
4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.
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.

MiTek®

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F07	GABLE	1	1	T10033713

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:10 2016 Page 1

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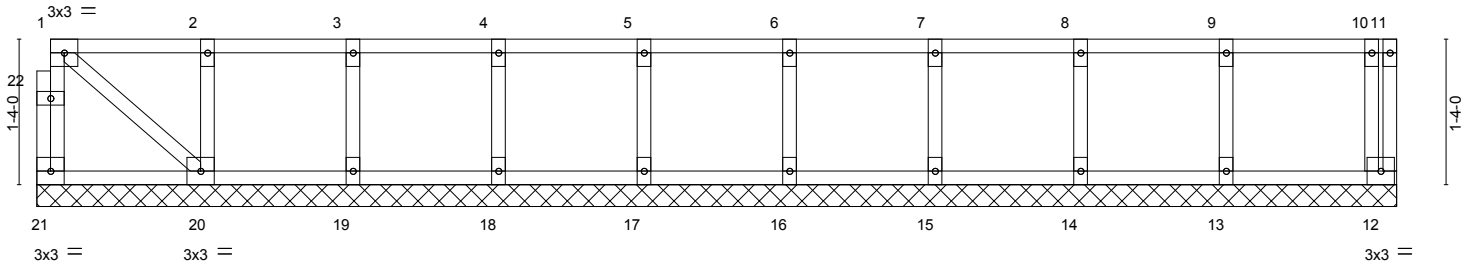

1-6-12	2-10-12	4-2-12	5-6-12	6-10-12	8-2-12	9-6-12	10-10-12	12-2-12	12-5-8
1-6-12	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	0-2-12

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	12	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 58 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.3(flat)

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. All bearings 12-5-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 12, 21, 20, 19, 18, 17, 16, 15, 14, 13

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

NOTES- (8)
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F08	Floor	4	1	T10033714

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:10 2016 Page 1

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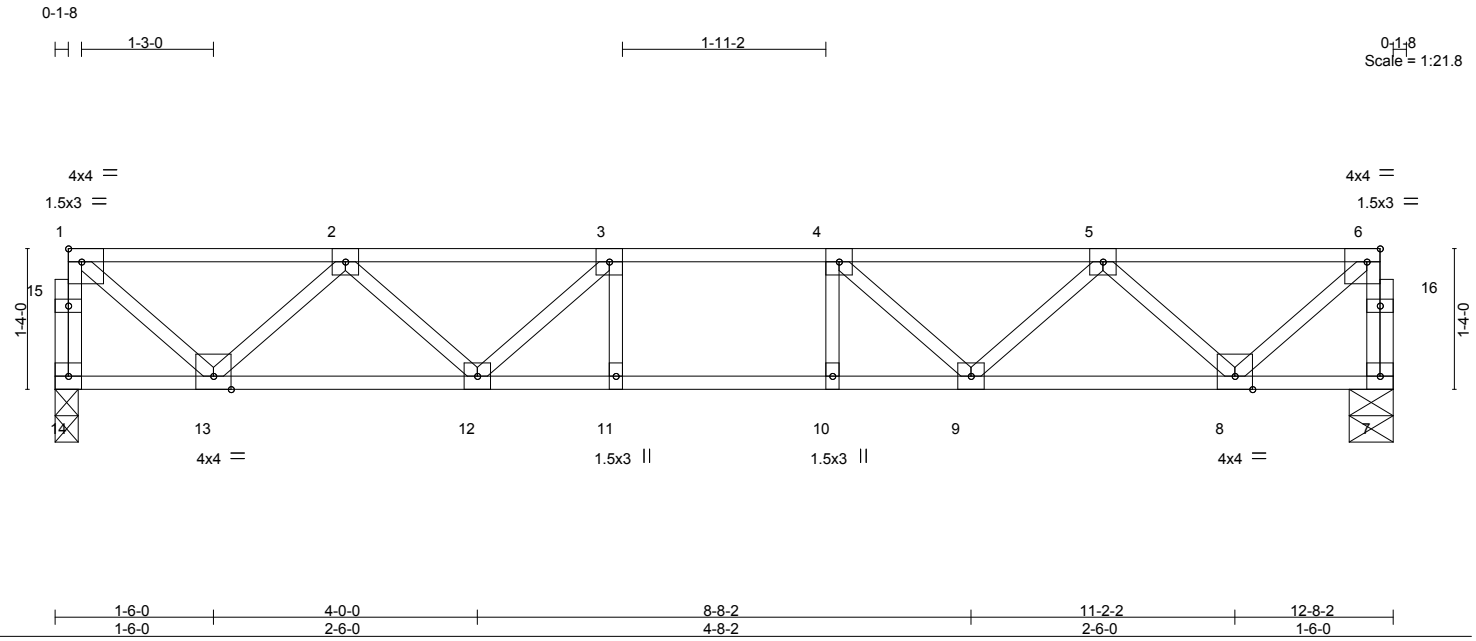

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [6:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.41	Vert(LL)	-0.09	11-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.73	Vert(TL)	-0.13	11-12	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.40	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 66 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 14=677/0-2-10, 7=677/0-5-0

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

TOP CHORD	14-15=-673/0, 1-15=-672/0, 7-16=-673/0, 6-16=-672/0, 1-2=-655/0, 2-3=-1484/0, 3-4=-1737/0, 4-5=-1484/0, 5-6=-655/0
BOT CHORD	12-13=0/1222, 11-12=0/1737, 10-11=0/1737, 9-10=0/1737, 8-9=0/1222
WEBS	6-8=0/842, 1-13=0/842, 5-8=-790/0, 2-13=-790/0, 5-9=0/384, 2-12=0/384, 4-9=-453/0, 3-12=-453/0

NOTES- (6)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x3 MT20 unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 14.
4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F09	Floor	3	1	T10033715
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:11 2016 Page 1

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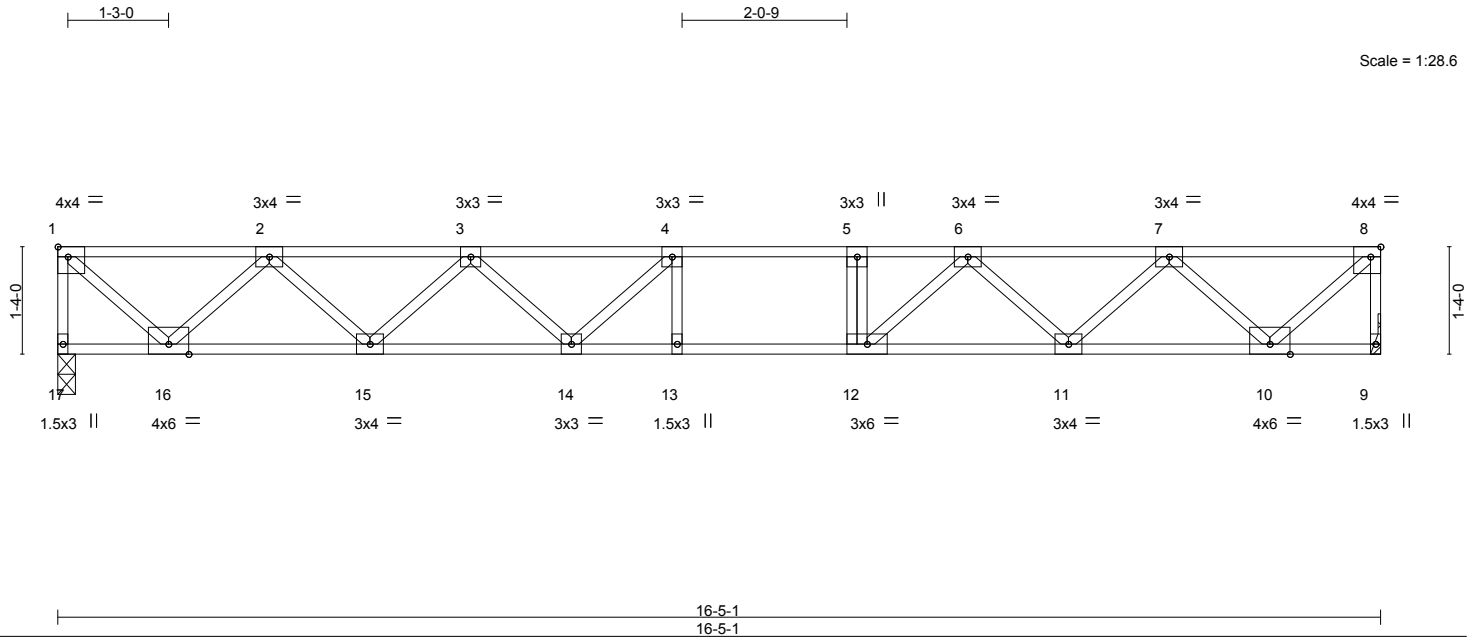

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [8:0-1-8,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.72	Vert(LL)	-0.20	13-14	>957	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.58	Vert(TL)	-0.31	13-14	>631	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.04	9	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 84 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP M 31(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 17=896/0-2-10, 9=896/Mechanical

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

TOP CHORD	1-17=-890/0, 8-9=-892/0, 1-2=-854/0, 2-3=-2147/0, 3-4=-2834/0, 4-5=-2972/0, 5-6=-2972/0, 6-7=-2129/0, 7-8=-860/0
BOT CHORD	15-16=0/1646, 14-15=0/2627, 13-14=0/2972, 12-13=0/2972, 11-12=0/2609, 10-11=0/1650
WEBS	1-16=0/1161, 2-16=-1101/0, 2-15=0/697, 3-15=-668/0, 3-14=0/389, 4-14=-455/90, 8-10=0/1169, 7-10=-1099/0, 7-11=0/666, 6-11=-667/0, 6-12=0/696, 5-12=-281/0

NOTES- (6)

1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 17.
4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
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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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F10	Floor	1	1	T10033716

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:11 2016 Page 1

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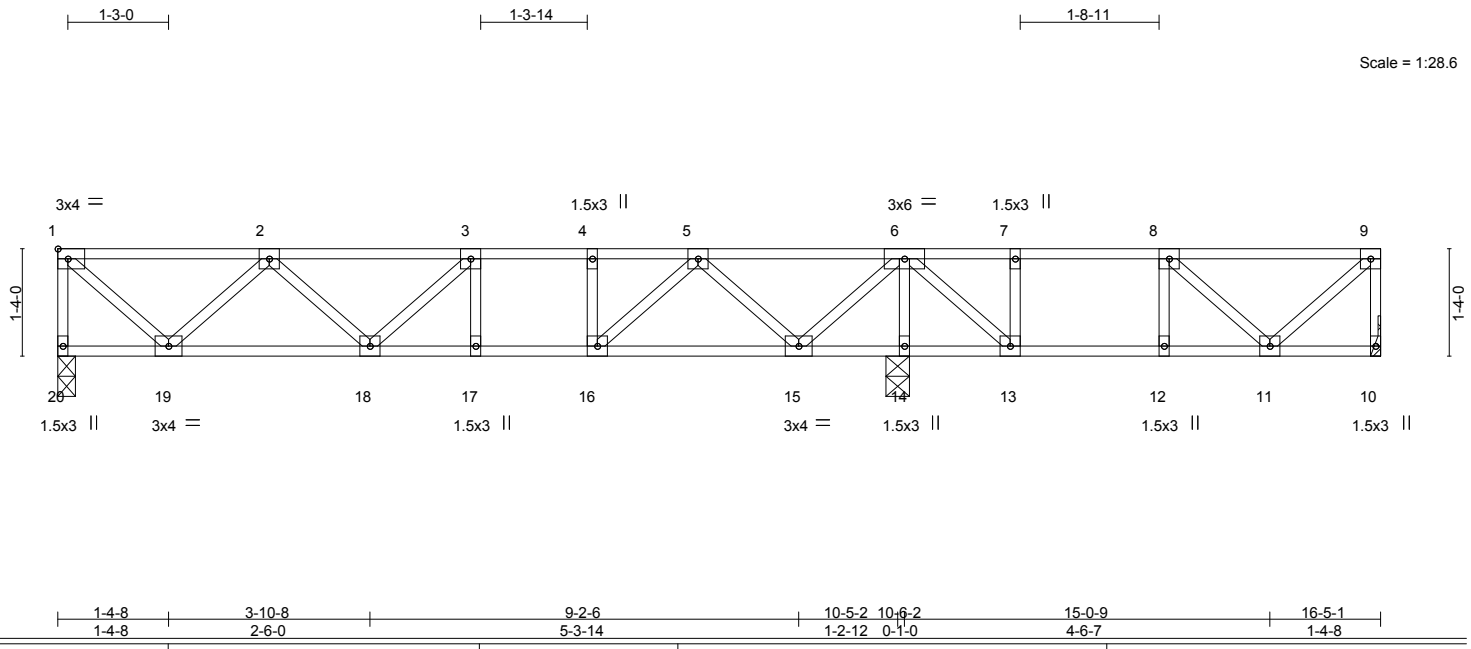

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.47	Vert(LL)	-0.06	17-18	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.60	Vert(TL)	-0.08	17-18	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.34	Horz(TL)	0.02	10	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 85 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

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, Except: 6-0-0 oc bracing: 14-15,13-14.

REACTIONS. (lb/size) 20=589/0-2-10, 10=347/Mechanical, 14=857/0-3-8
Max Grav 20=595(LC 10), 10=367(LC 7), 14=875(LC 9)

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

TOP CHORD 1-20=-588/0, 9-10=-366/0, 1-2=-532/0, 2-3=-1190/0, 3-4=-1311/0, 4-5=-1311/0, 5-6=-658/0, 6-7=-498/0, 7-8=-498/0, 8-9=-274/0
BOT CHORD 18-19=0/1021, 17-18=0/1311, 16-17=0/1311, 15-16=0/1086, 12-13=0/498, 11-12=0/498
WEBS 6-14=-870/0, 1-19=0/723, 6-15=0/644, 2-19=-681/0, 5-15=-638/0, 2-18=0/253, 5-16=0/394, 9-11=0/372, 6-13=0/411, 8-11=-305/0

NOTES- (8)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x3 MT20 unless otherwise indicated.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 20.
5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.
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	
932704	F11	Floor	3	1	T10033717

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:12 2016 Page 1

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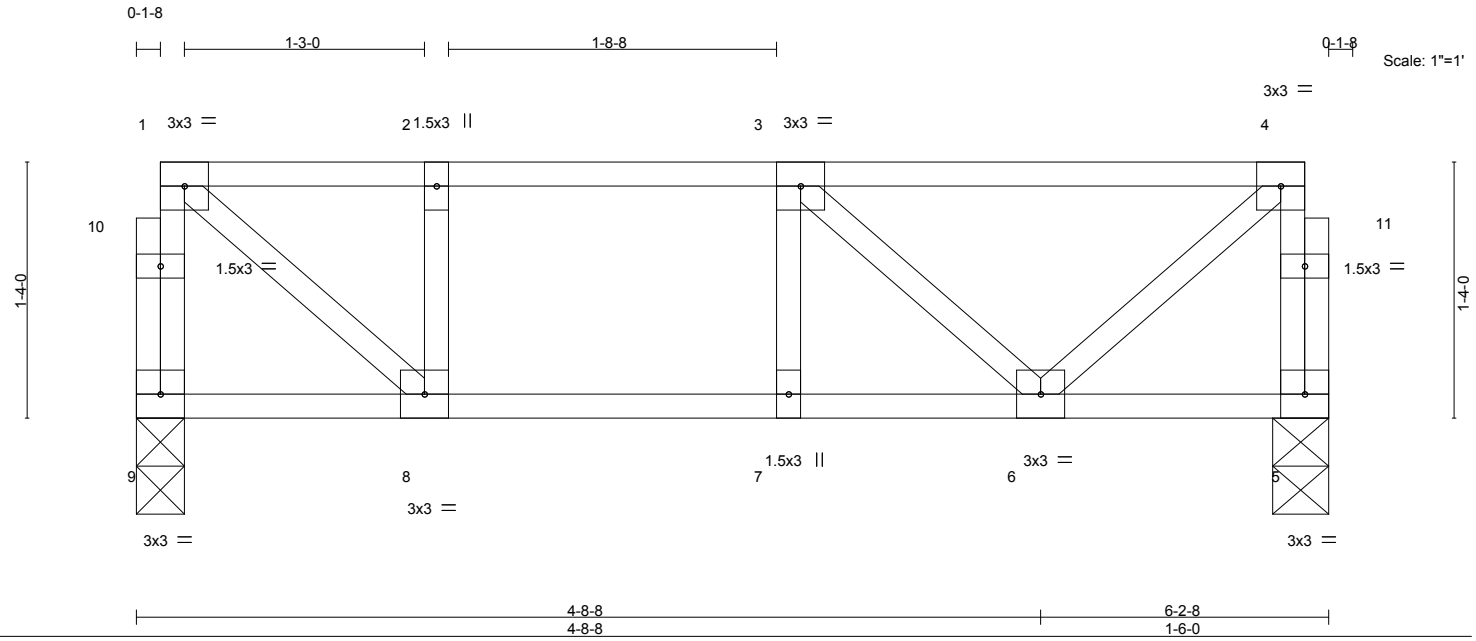

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.50	Vert(LL)	-0.04	7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.48	Vert(TL)	-0.06	6-7	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.23	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 35 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 9=321/0-3-0, 5=321/0-3-8

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

TOP CHORD	9-10=-349/0, 1-10=-348/0, 5-11=-325/0, 4-11=-324/0, 1-2=-383/0, 2-3=-383/0
BOT CHORD	7-8=0/383, 6-7=0/383
WEBS	4-6=0/302, 1-8=0/486

NOTES- (4)

1) Unbalanced floor live loads have been considered for this design.
2) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) 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	
932704	F12	Floor	1	1	T10033718

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:12 2016 Page 1

ID:iZ63XLbsXieEZHRu0kDJOiyXpzq-KSP?OYD4LpOu2Rm2B1iPA38IzEiT6zCnbPvV0_y9i2z

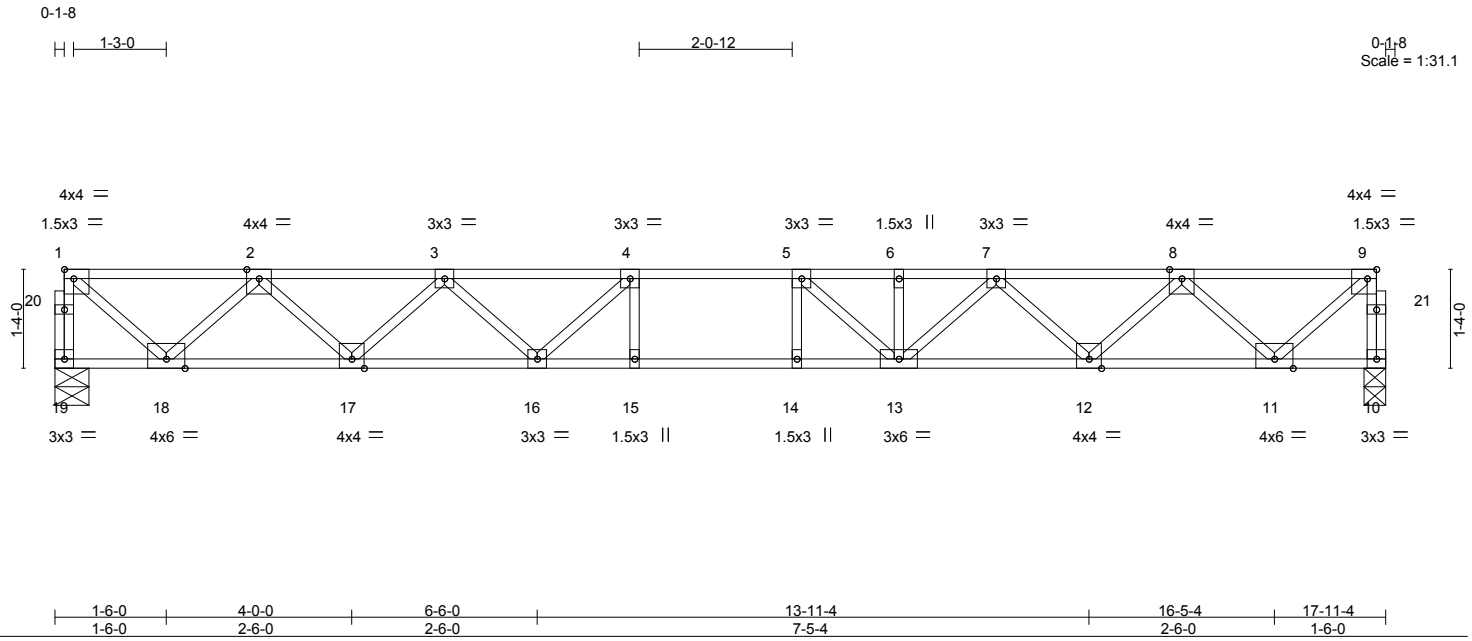

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [9:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.60	Vert(LL)	-0.21	14-15	>988	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.53	Vert(TL)	-0.34	14-15	>629	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.60	Horz(TL)	0.06	10	n/a	n/a		
BCDL	5.0	Code FBC2014/TPI2007		(Matrix)							Weight: 93 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 19=967/0-5-8, 10=967/0-3-8

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

TOP CHORD 19-20=-961/0, 1-20=-960/0, 10-21=-961/0, 9-21=-960/0, 1-2=-980/0, 2-3=-2415/0, 3-4=-3246/0, 4-5=-3528/0, 5-6=-3289/0, 6-7=-3289/0, 7-8=-2411/0, 8-9=-981/0
BOT CHORD 17-18=0/1845, 16-17=0/2958, 15-16=0/3528, 14-15=0/3528, 13-14=0/3528, 12-13=0/2945, 11-12=0/1849
WEBS 9-11=0/1266, 1-18=0/1264, 8-11=-1206/0, 2-18=-1204/0, 8-12=0/782, 2-17=0/793, 7-12=-742/0, 3-17=-755/0, 7-13=0/468, 3-16=0/483, 5-13=-657/97, 4-16=-613/0

NOTES- (4)

1) Unbalanced floor live loads have been considered for this design.
2) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) 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	
932704	F13	Floor	6	1	T10033719
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:13 2016 Page 1

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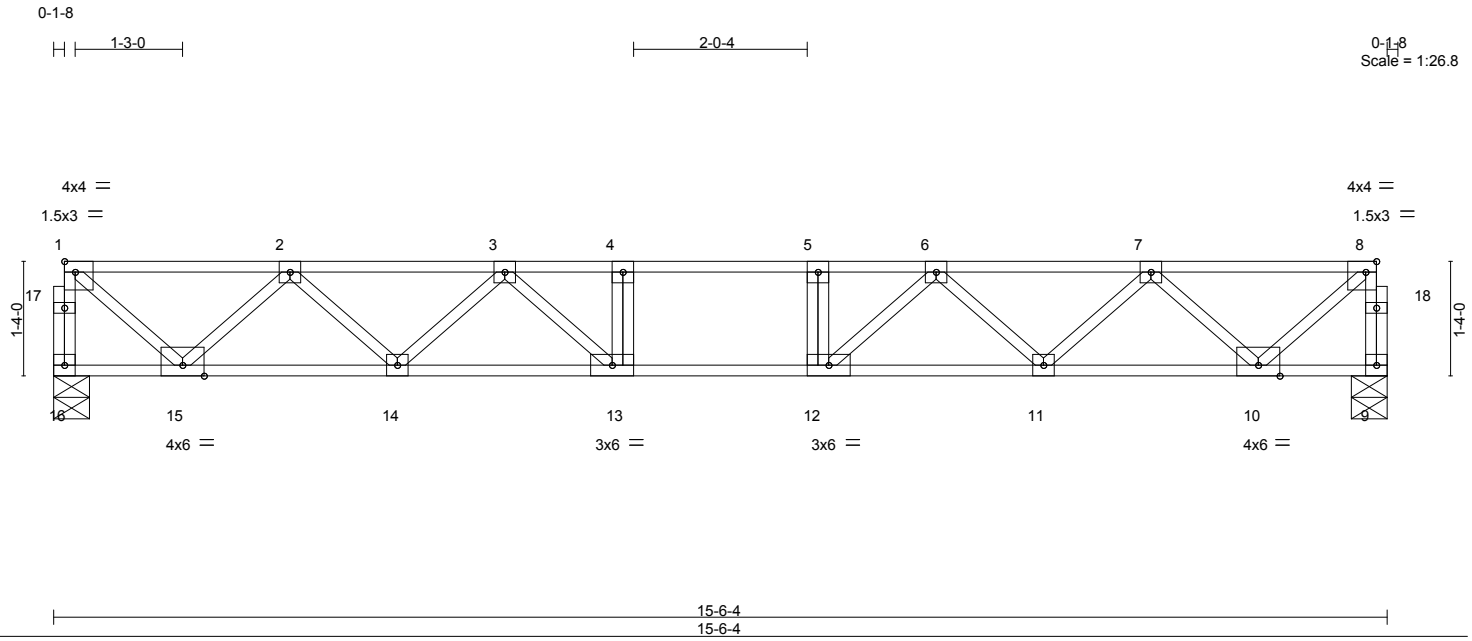

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [8:0-1-8,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.64	Vert(LL)	-0.17	13-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.85	Vert(TL)	-0.25	13-14	>748	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.51	Horz(TL)	0.05	9	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 83 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 16=834/0-5-0, 9=834/0-5-0

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

TOP CHORD	16-17=-829/0, 1-17=-828/0, 9-18=-829/0, 8-18=-828/0, 1-2=-832/0, 2-3=-1985/0, 3-4=-2616/0, 4-5=-2616/0, 5-6=-2616/0, 6-7=-1985/0, 7-8=-832/0
BOT CHORD	14-15=0/1562, 13-14=0/2379, 12-13=0/2616, 11-12=0/2379, 10-11=0/1562
WEBS	1-15=0/1072, 2-15=-1016/0, 2-14=0/588, 3-14=-549/0, 3-13=0/563, 4-13=-276/0, 8-10=0/1072, 7-10=-1016/0, 7-11=0/588, 6-11=-549/0, 6-12=0/563, 5-12=-276/0

NOTES- (5)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x3 MT20 unless otherwise indicated.
3) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) 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 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F14	Floor Supported Gable	1	1	T10033720

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:13 2016 Page 1

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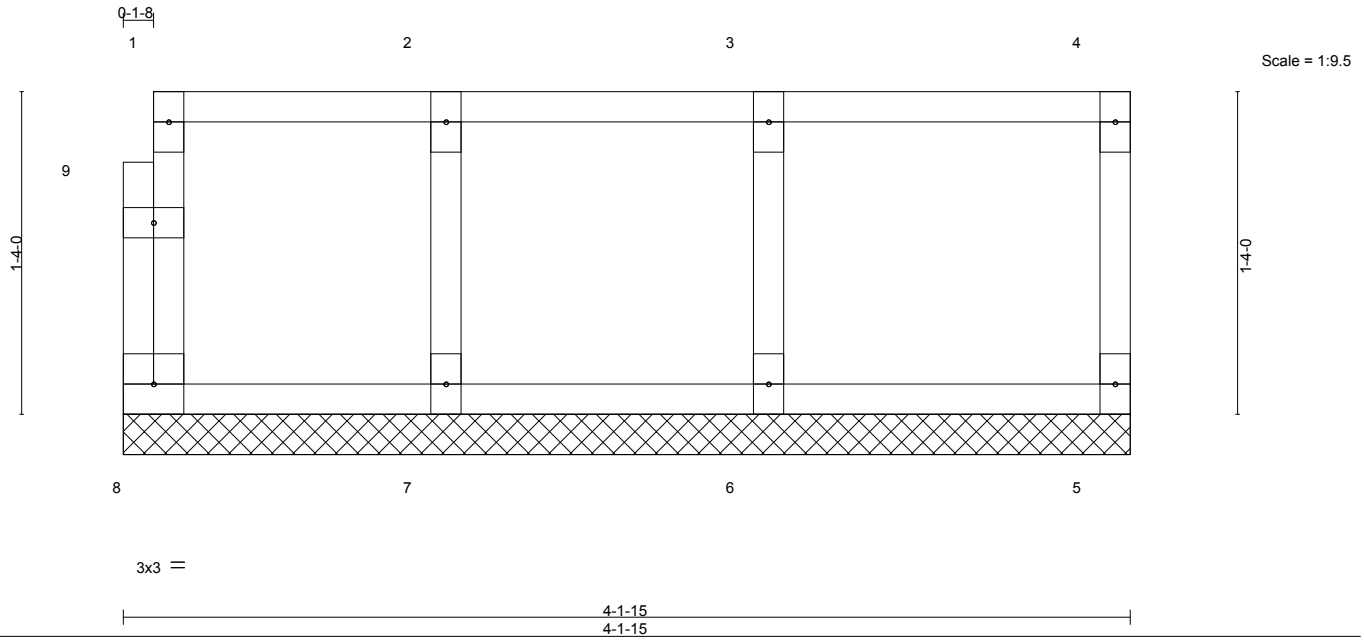

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 20 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.3(flat)

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-1-15 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 4-1-15.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 8, 5, 7, 6

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

NOTES- (8)
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.
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	
932704	F16	GABLE	1	1	T10033721

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:14 2016 Page 1

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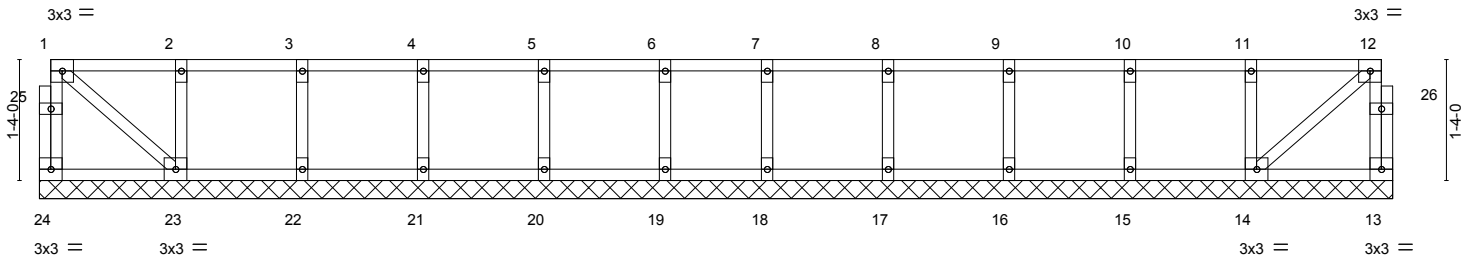

1-6-12	2-10-12	4-2-12	5-6-12	6-10-12	7-5-8	8-0-4	9-4-4	10-8-4	12-0-4	13-4-4	14-11-0
1-6-12	1-4-0	1-4-0	1-4-0	1-4-0	0-6-12	0-6-12	1-4-0	1-4-0	1-4-0	1-4-0	1-6-12

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(TL)	-0.00	14	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 71 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.3(flat)

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 23-24,13-14.

REACTIONS. All bearings 14-11-0.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 14, 15, 16, 17, 18, 22, 21, 20, 19

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

NOTES- (7)
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
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	
932704	F17	Floor	2	1	T10033722

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:14 2016 Page 1

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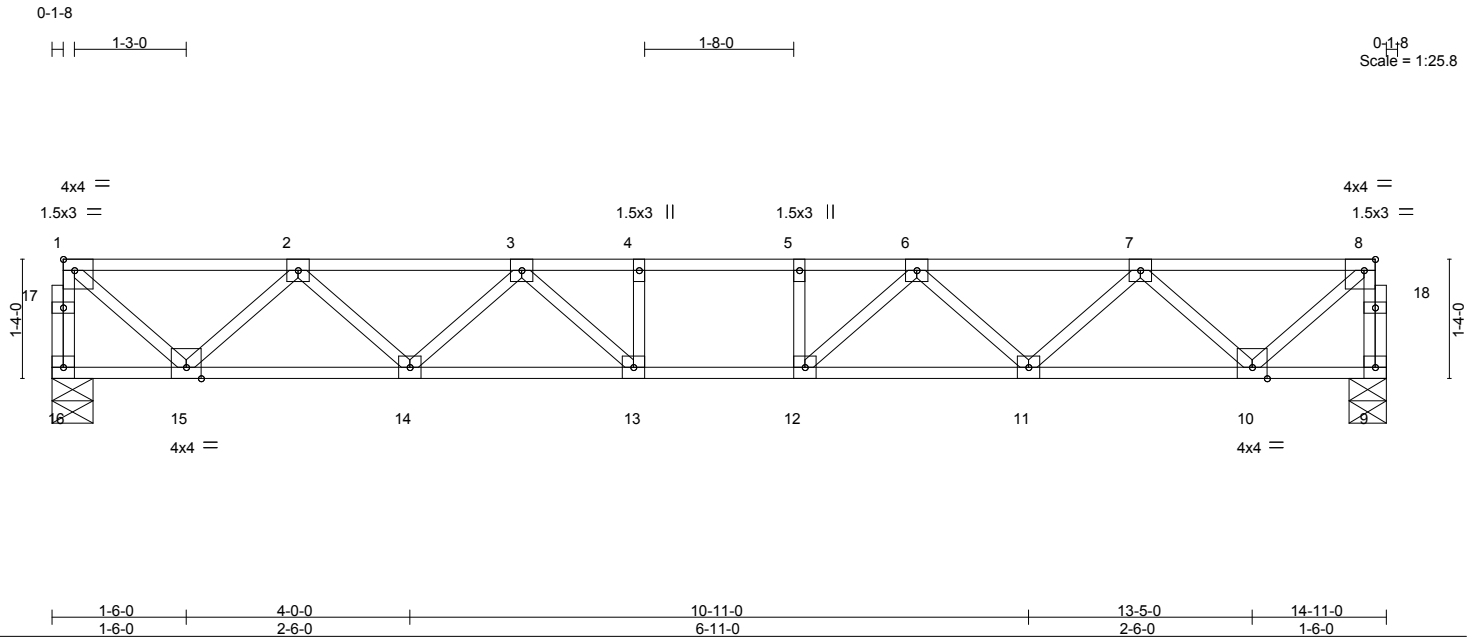

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [8:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.48	Vert(LL)	-0.12	13-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.74	Vert(TL)	-0.19	13-14	>926	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.49	Horz(TL)	0.04	9	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 78 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 16=800/0-5-8, 9=800/0-5-0

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

TOP CHORD	16-17=-795/0, 1-17=-794/0, 9-18=-795/0, 8-18=-794/0, 1-2=-794/0, 2-3=-1879/0, 3-4=-2421/0, 4-5=-2421/0, 5-6=-2421/0, 6-7=-1879/0, 7-8=-794/0
BOT CHORD	14-15=0/1490, 13-14=0/2241, 12-13=0/2421, 11-12=0/2241, 10-11=0/1490
WEBS	8-10=0/1023, 1-15=0/1023, 7-10=-968/0, 2-15=-968/0, 7-11=0/542, 2-14=0/542, 6-11=-503/0, 3-14=-503/0, 6-12=-31/474, 3-13=-31/474

NOTES- (5)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x3 MT20 unless otherwise indicated.
3) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) 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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F18	GABLE	1	1	T10033723

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:15 2016 Page 1

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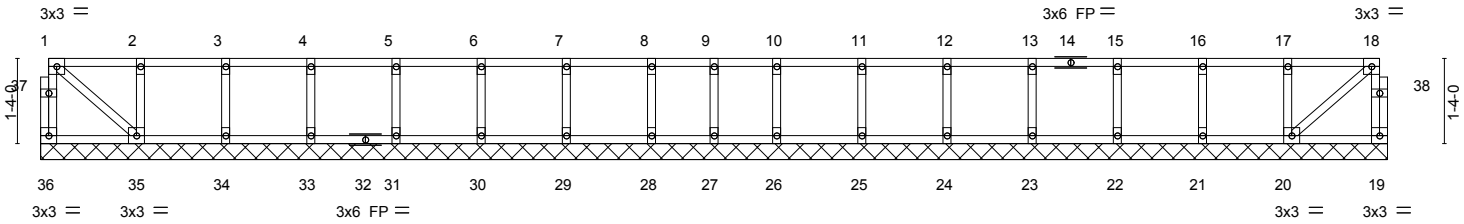

1-6-12	2-10-12	4-2-12	5-6-12	6-10-12	8-2-12	9-6-12	10-6-8	11-6-4	12-10-4	14-2-4	15-6-4	16-10-4	18-2-4	19-6-4	21-1-0
1-6-12	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	0-11-12	0-11-12	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-6-12

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(TL)	-0.00	20	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 97 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.3(flat)

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 35-36,19-20.

REACTIONS. All bearings 21-1-0.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 36, 19, 35, 20, 27, 21, 22, 23, 24, 25, 26, 34, 33, 31, 30, 29, 28

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

NOTES- (7)
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F19	Floor	6	1	T10033724

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:15 2016 Page 1

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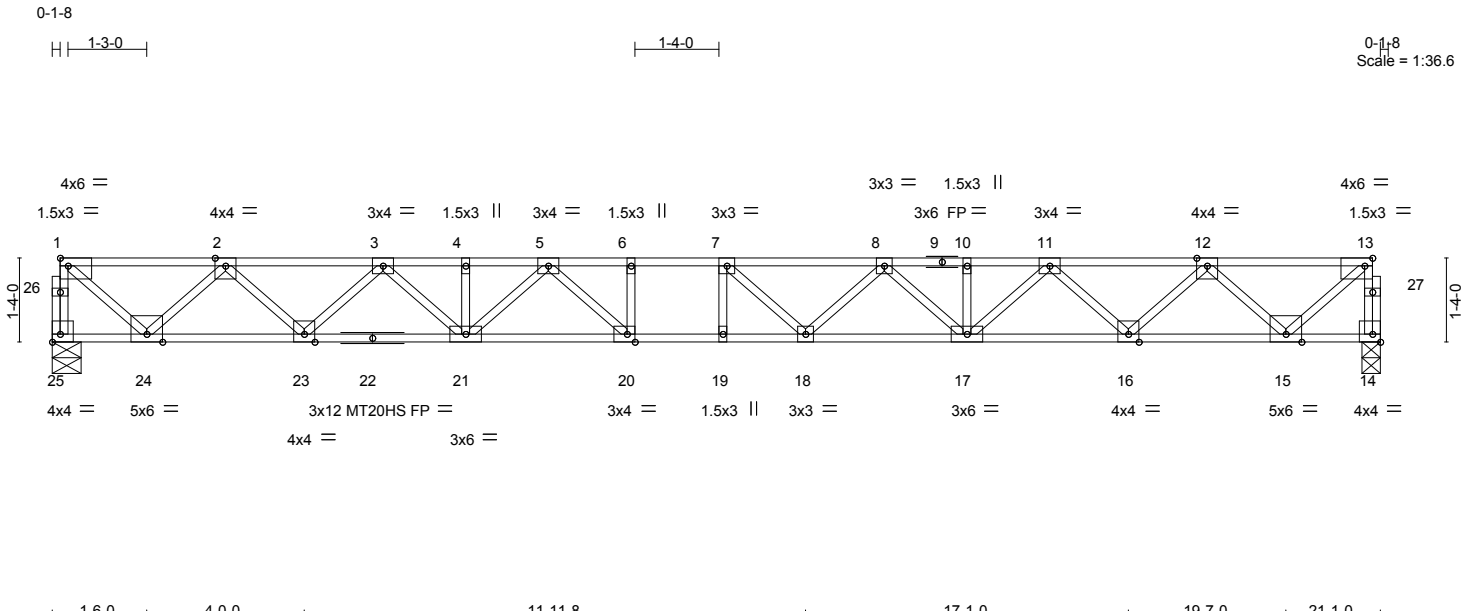

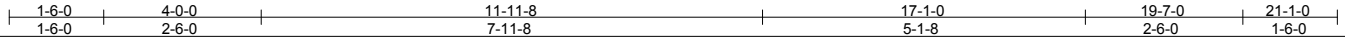

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [13:0-1-8,Edge], [14:Edge,0-1-8], [20:0-1-8,Edge], [25:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.97	Vert(LL)	-0.42	18-19	>592	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.68	Vert(TL)	-0.66	18-19	>380	240	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.72	Horz(TL)	0.09	14	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 112 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP M 31(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 25=1140/0-5-8, 14=1140/0-3-8

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

TOP CHORD	25-26=-1133/0, 1-26=-1132/0, 14-27=-1134/0, 13-27=-1132/0, 1-2=-1177/0, 2-3=-2965/0, 3-4=-4206/0, 4-5=-4206/0, 5-6=-4901/0, 6-7=-4901/0, 7-8=-4802/0, 8-9=-4202/0, 9-10=-4202/0, 10-11=-4202/0, 11-12=-2964/0, 12-13=-1177/0
BOT CHORD	23-24=0/2223, 22-23=0/3674, 21-22=0/3674, 20-21=0/4615, 19-20=0/4901, 18-19=0/4901, 17-18=0/4643, 16-17=0/3678, 15-16=0/2223
WEBS	13-15=0/1521, 1-24=0/1520, 12-15=-1454/0, 2-24=-1456/0, 12-16=0/1031, 2-23=0/1031, 11-16=-992/0, 3-23=-986/0, 11-17=0/713, 3-21=0/722, 8-17=-600/0, 5-21=-565/0, 8-18=-28/406, 5-20=-73/677, 7-18=-479/231

NOTES- (5)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) 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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F20	Floor	4	1	T10033725

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:16 2016 Page 1

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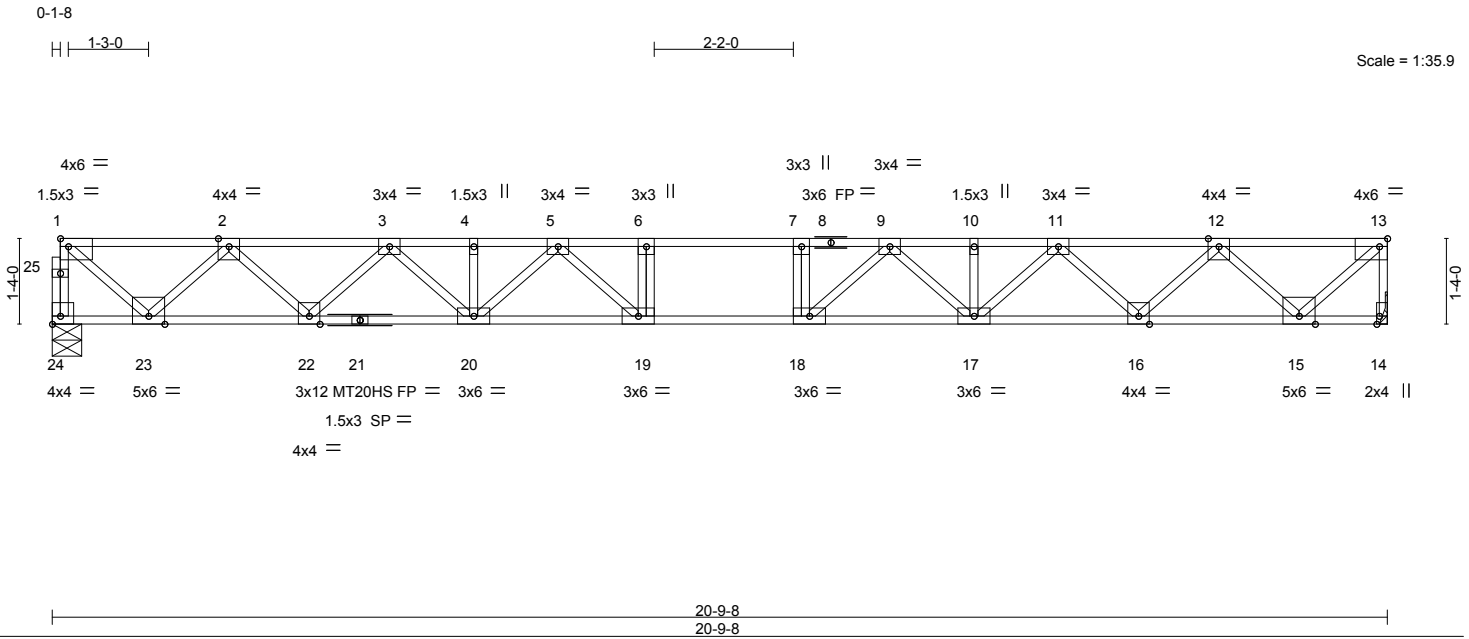

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [13:0-1-8,Edge], [14:0-1-8,Edge], [24:Edge,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.62	Vert(LL)	-0.36	18-19	>696	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.99	Vert(TL)	-0.56	18-19	>445	240	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.72	Horz(TL)	0.09	14	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 110 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat) *Except* 1-8: 2x4 SP M 31(flat)

BOT CHORD 2x4 SP No.2(flat) *Except* 14-21: 2x4 SP M 31(flat)

WEBS 2x4 SP No.3(flat)

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-5-7 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 20-22.

REACTIONS. (lb/size) 24=1127/0-5-8, 14=1133/Mechanical

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

TOP CHORD 24-25=-1122/0, 1-25=-1121/0, 13-14=-1126/0, 1-2=-1164/0, 2-3=-2923/0, 3-4=-4148/0, 4-5=-4148/0, 5-6=-4783/0, 6-7=-4783/0, 7-8=-4783/0, 8-9=-4783/0, 9-10=-4123/0, 10-11=-4123/0, 11-12=-2887/0, 12-13=-1112/0

BOT CHORD 22-23=0/2195, 21-22=0/3623, 20-21=0/3623, 19-20=0/4523, 18-19=0/4783, 17-18=0/4511, 16-17=0/3594, 15-16=0/2152

WEBS 1-23=0/1503, 2-23=-1435/0, 2-22=0/1011, 3-22=-974/0, 3-20=0/714, 5-20=-510/0, 5-19=-111/740, 6-19=-361/0, 13-15=0/1511, 12-15=-1447/0, 12-16=0/1022, 11-16=-983/0, 11-17=0/719, 9-17=-528/0, 9-18=-95/745, 7-18=-359/0

NOTES- (7)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) Refer to girder(s) for truss to truss connections.
4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F21	Floor	1	1	T10033726

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:17 2016 Page 1

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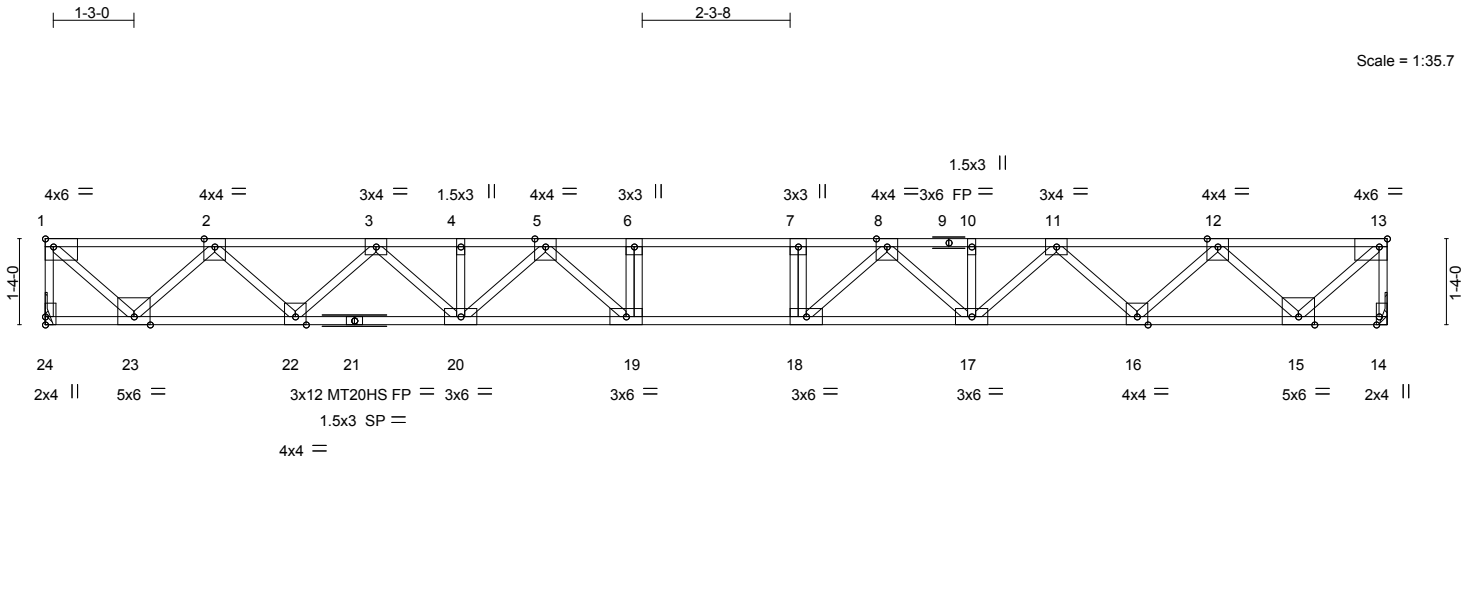

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [13:0-1-8,Edge], [14:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.48	Vert(LL)	-0.35	18-19	>706	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.99	Vert(TL)	-0.55	18-19	>451	240	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.72	Horz(TL)	0.09	14	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 109 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat) *Except* 1-9: 2x4 SP M 31(flat)

BOT CHORD 2x4 SP No.2(flat) *Except* 14-21: 2x4 SP M 31(flat)

WEBS 2x4 SP No.3(flat)

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-11-1 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 20-22.

REACTIONS. (lb/size) 24=1137/Mechanical, 14=1137/Mechanical

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

TOP CHORD 1-24=-1130/0, 13-14=-1129/0, 1-2=-1116/0, 2-3=-2897/0, 3-4=-4144/0, 4-5=-4144/0, 5-6=-4810/0, 6-7=-4810/0, 7-8=-4810/0, 8-9=-4142/0, 9-10=-4142/0, 10-11=-4142/0, 11-12=-2897/0, 12-13=-1116/0

BOT CHORD 22-23=0/2159, 21-22=0/3608, 20-21=0/3608, 19-20=0/4529, 18-19=0/4810, 17-18=0/4530, 16-17=0/3609, 15-16=0/2159

WEBS 1-23=0/1517, 2-23=-1451/0, 2-22=0/1027, 3-22=-988/0, 3-20=0/729, 5-20=-523/0, 5-19=-92/769, 6-19=-377/0, 13-15=0/1516, 12-15=-1451/0, 12-16=0/1027, 11-16=-989/0, 11-17=0/726, 8-17=-526/0, 8-18=-92/769, 7-18=-376/0

NOTES- (6)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) Refer to girder(s) for truss to truss connections.
4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F22	Floor	6	1	T10033727

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:18 2016 Page 1

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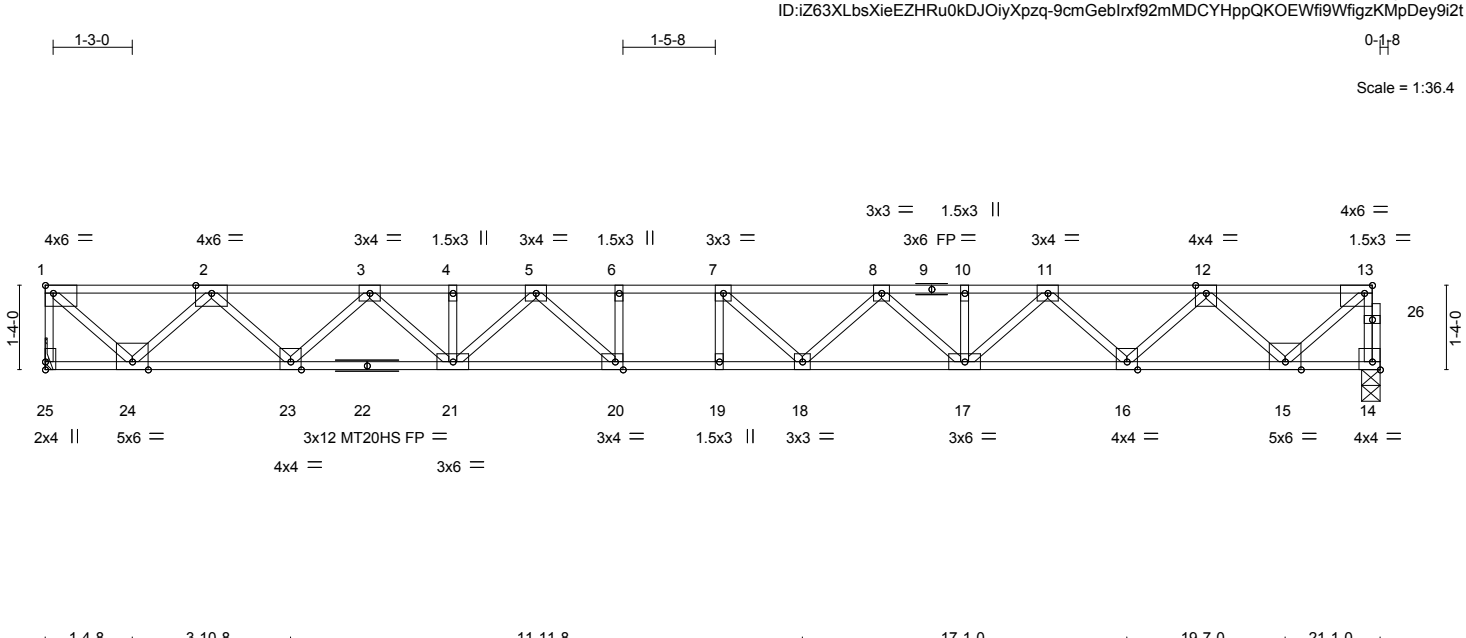

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [13:0-1-8,Edge], [14:Edge,0-1-8], [20:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.98	Vert(LL)	-0.43	18-19	>582	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.71	Vert(TL)	-0.67	18-19	>374	240	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.73	Horz(TL)	0.09	14	n/a	n/a		
BCDL	5.0	Code FBC2014/TPI2007		(Matrix)							Weight: 110 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP M 31(flat)
WEBS	2x4 SP No.3(flat)

BRACING-

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

REACTIONS. (lb/size) 25=1149/Mechanical, 14=1143/0-3-8

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

TOP CHORD	1-25=-1141/0, 14-26=-1137/0, 13-26=-1136/0, 1-2=-1128/0, 2-3=-2939/0, 3-4=-4200/0, 4-5=-4200/0, 5-6=-4925/0, 6-7=-4925/0, 7-8=-4828/0, 8-9=-4220/0, 9-10=-4220/0, 10-11=-4220/0, 11-12=-2975/0, 12-13=-1181/0
BOT CHORD	23-24=0/2186, 22-23=0/3658, 21-22=0/3658, 20-21=0/4621, 19-20=0/4925, 18-19=0/4925, 17-18=0/4666, 16-17=0/3692, 15-16=0/2230
WEBS	13-15=0/1526, 1-24=0/1534, 12-15=-1459/0, 2-24=-1471/0, 12-16=0/1036, 2-23=0/1047, 11-16=-997/0, 3-23=-1000/0, 11-17=0/717, 3-21=0/737, 8-17=-606/0, 5-21=-578/0, 8-18=-22/413, 5-20=-60/706, 7-18=-491/237, 6-20=-266/0

NOTES- (7)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) Refer to girder(s) for truss to truss connections.
4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	F23	Floor	1	1	T10033728

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244

7.640 s Nov 10 2015 MiTek Industries, Inc. Mon Dec 12 14:21:43 2016 Page 1

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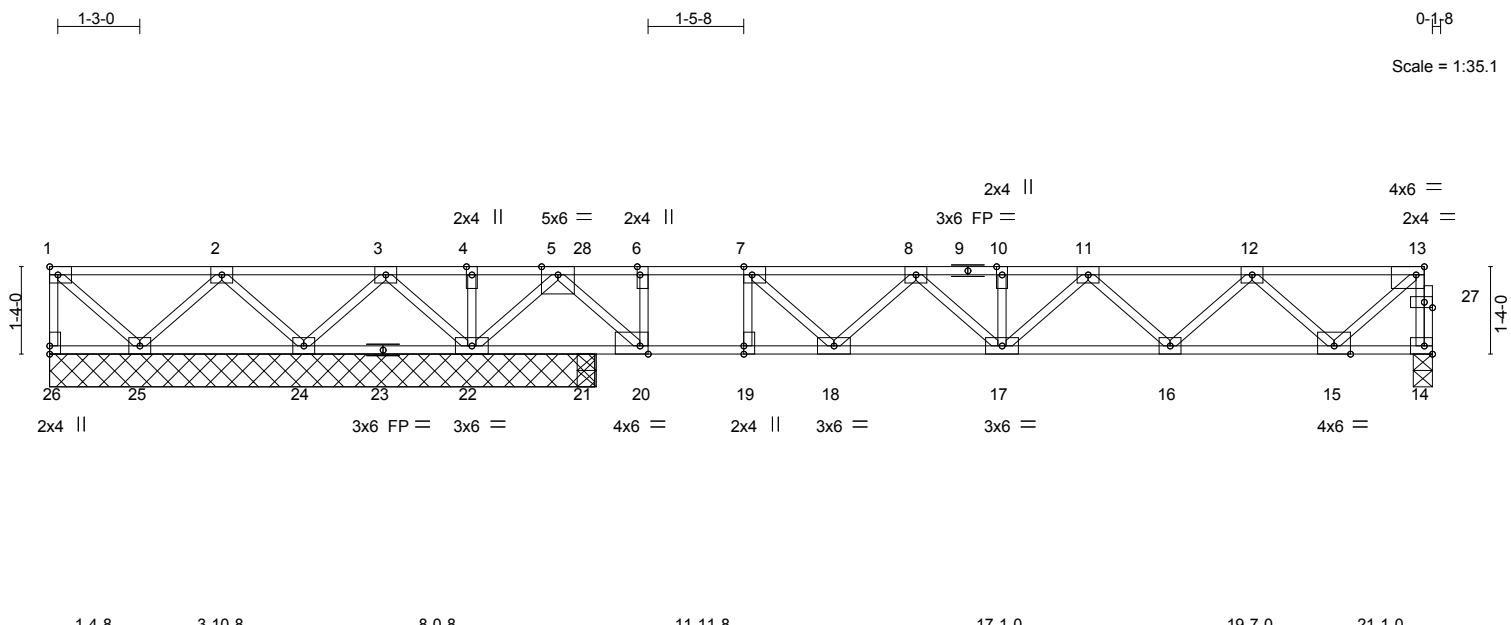

1-4-8	3-10-8	8-0-8	11-11-8	17-1-0	19-7-0	21-1-0
1-4-8	2-6-0	4-2-0	3-11-0	5-1-8	2-6-0	1-6-0

Plate Offsets (X,Y)-- [6:0-1-8,Edge], [7:0-1-8,Edge], [13:0-1-8,Edge], [19:0-1-8,0-0-0], [20:0-1-8,Edge], [27:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.49	Vert(LL)	-0.19	18-19	>821	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.66	Vert(TL)	-0.29	18-19	>528	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.74	Horz(TL)	0.02	14	n/a	n/a		
BCDL	5.0	Code FBC2014/TPI2007		(Matrix)							Weight: 110 lb	FT = 11%F, 11%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat) *Except* 1-9: 2x4 SP M 31(flat)

BOT CHORD 2x4 SP No.2(flat) *Except* 14-23: 2x4 SP M 31(flat)

WEBS 2x4 SP No.3(flat)

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, Except: 6-0-0 oc bracing: 24-25,22-24.

REACTIONS. All bearings 8-3-12 except (jt=length) 14=0-3-8, 21=0-3-8.

(lb) - Max Uplift All uplift 100 lb or less at joint(s) 26 except 24=-186(LC 4), 21=-241(LC 12)

Max Grav All reactions 250 lb or less at joint(s) 26, 25, 24 except 14=748(LC 4), 22=1538(LC 1)

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

TOP CHORD 14-27=-742/0, 13-27=-741/0, 3-4=0/852, 4-5=0/852, 5-28=-1322/0, 6-28=-1322/0, 6-7=-1322/0, 7-8=-1884/0, 8-9=-2109/0, 9-10=-2109/0, 10-11=-2109/0, 11-12=-1713/0, 12-13=-732/0

BOT CHORD 23-24=-490/0, 22-23=-490/0, 19-20=0/1322, 18-19=0/1322, 17-18=0/2182, 16-17=0/2019, 15-16=0/1374

WEBS 13-15=0/943, 12-15=-893/0, 12-16=0/471, 2-24=-320/0, 11-16=-425/0, 3-24=-14/447, 3-22=-566/0, 5-22=-1393/0, 8-18=-421/0, 5-20=0/1564, 7-18=0/774, 6-20=-531/0, 7-19=-452/0

NOTES- (7)

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 26 except (jt=lb) 24=186, 21=241.
4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.
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

MiTek

6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	HJ01	Diagonal Hip Girder	1	1	T10033729
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:19 2016 Page 1

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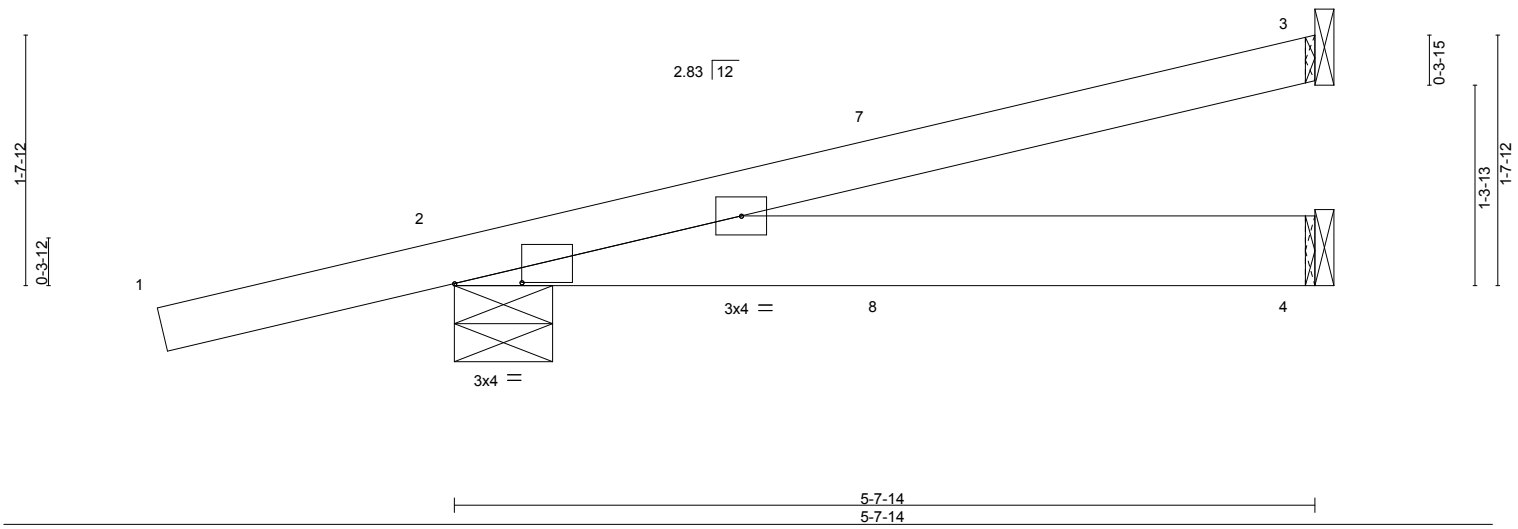
-1-10-10 / 1-10-10 — 5-7-14 / 5-7-14

Scale = 1:15.1



5-7-14 / 5-7-14

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	0.03	4-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.18	Vert(TL)	-0.03	4-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 25 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=98/Mechanical, 2=303/0-7-12, 4=66/Mechanical
Max Horz 2=102(LC 4)
Max Uplift 3=-88(LC 4), 2=-307(LC 4), 4=-76(LC 4)
Max Grav 3=98(LC 1), 2=303(LC 1), 4=88(LC 3)

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

NOTES- (9)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; 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) 3, 4 except (jt=lb) 2=307.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 16 lb down and 18 lb up at 2-10-11, and 16 lb down and 18 lb up at 2-10-11 on top chord, and 3 lb down and 23 lb up at 2-10-11, and 3 lb down and 23 lb up at 2-10-11 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, 2-4=-10
Concentrated Loads (lb)
Vert: 8=-5(F=-3, B=-3)

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	HJ02	Diagonal Hip Girder	1	1	T10033730
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:19 2016 Page 1

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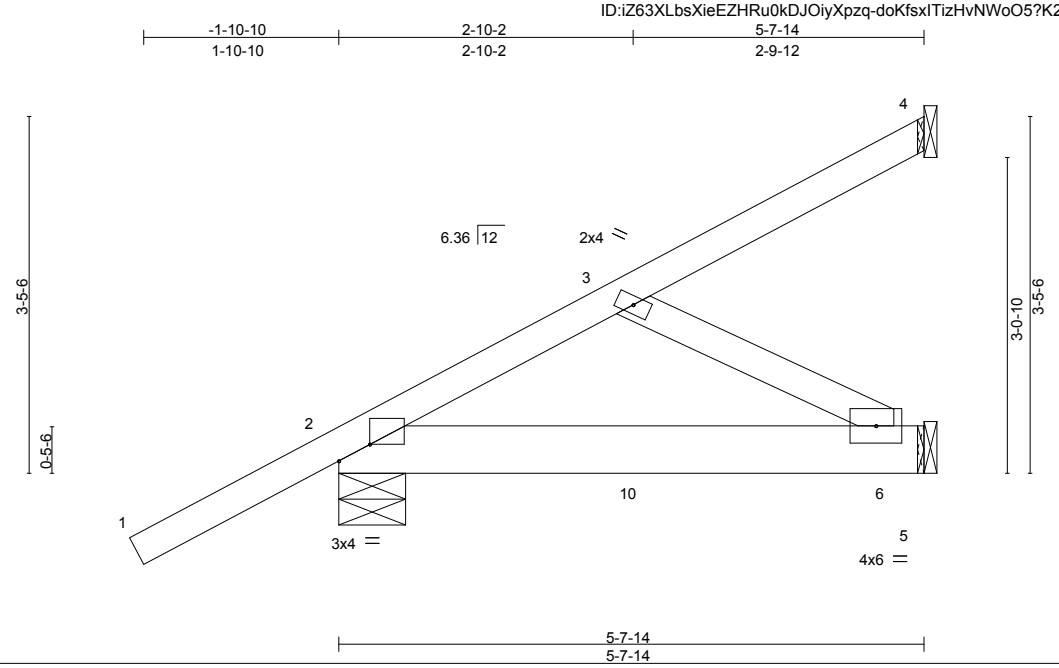

Plate Offsets (X,Y)-- [2:0-3-9,Edge]

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	0.26	Vert(LL)	-0.01	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.10	Vert(TL)	-0.01	6-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.05	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 30 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=65/Mechanical, 2=300/0-7-12, 5=97/Mechanical
Max Horz 2=201(LC 8)
Max Uplift 4=-71(LC 8), 2=-152(LC 8), 5=-73(LC 8)
Max Grav 4=65(LC 1), 2=300(LC 1), 5=115(LC 29)

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

NOTES- (9)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; 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) 4, 5 except (jt=lb) 2=152.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 95 lb down and 61 lb up at 2-10-11, and 95 lb down and 61 lb up at 2-10-11 on top chord, and 15 lb down and 7 lb up at 2-10-11, and 15 lb down and 7 lb up at 2-10-11 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: 1-4=-54, 5-7=-10
Concentrated Loads (lb)
Vert: 10=2(F=1, B=1)

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T01	GABLE	1	1	T10033731

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:21 2016 Page 1

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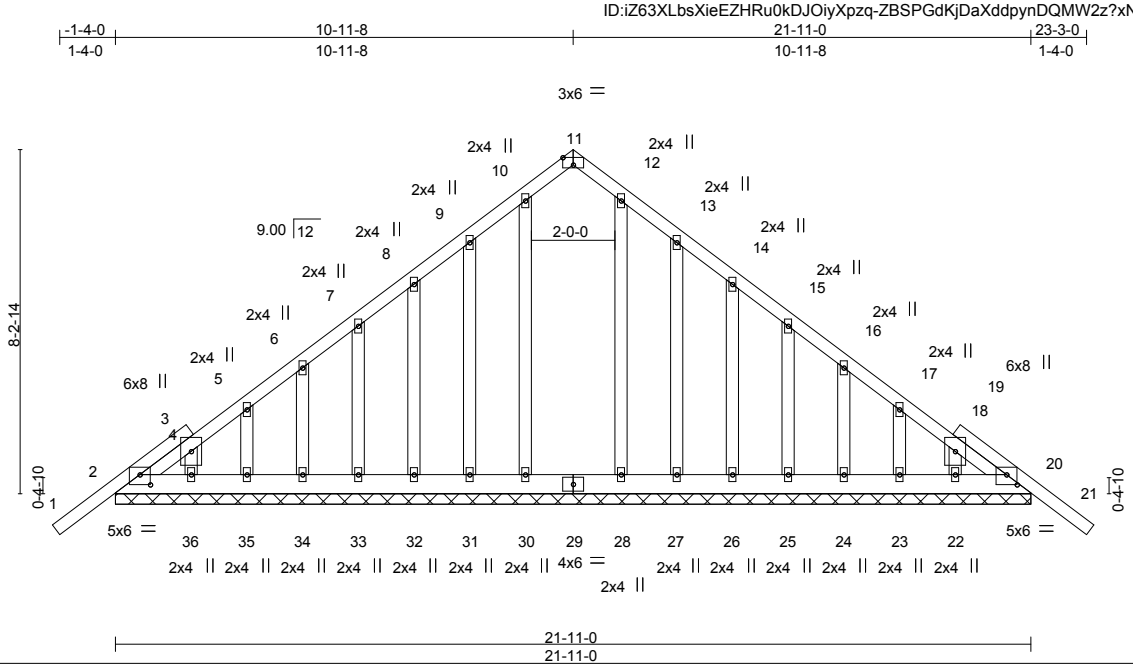

Plate Offsets (X,Y)-- [2:0-3-0,0-2-14], [11:0-3-0,Edge], [20:0-3-0,0-2-14]

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	21	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(TL)	-0.01	21	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(TL)	0.01	20	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 178 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 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 21-11-0.
(lb) - Max Horz 2=-298(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 20, 30, 32, 33, 34, 35, 36, 26, 25, 24, 23, 22 except 31=-112(LC 12), 27=-118(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 20, 30, 31, 32, 33, 34, 35, 36, 28, 27, 26, 25, 24, 23, 22

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-315/218, 4-5=-288/186, 17-18=-264/182, 19-20=-292/226
BOT CHORD 2-36=-235/340, 35-36=-238/341, 34-35=-238/341, 33-34=-238/341, 32-33=-238/341, 31-32=-238/341, 30-31=-238/341, 29-30=-238/341, 28-29=-238/341, 27-28=-238/341, 26-27=-238/341, 25-26=-238/341, 24-25=-238/341, 23-24=-238/341, 22-23=-238/341, 20-22=-236/339

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 1-4-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 20, 30, 32, 33, 34, 35, 36, 26, 25, 24, 23, 22 except (jt=lb) 31=112, 27=118.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T02	Common	8	1	T10033732

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:21 2016 Page 1

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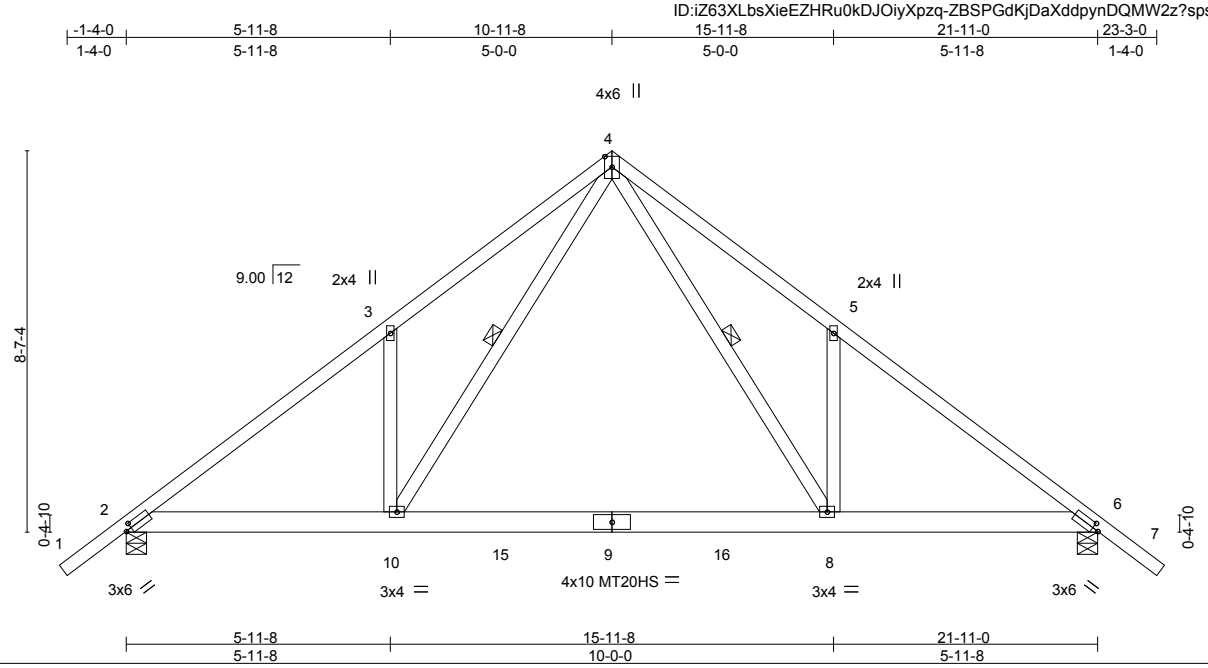

Plate Offsets (X,Y)-- [2:0-1-10,0-1-8], [6:0-1-10,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.47	Vert(LL)	-0.22	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.81	Vert(TL)	-0.42	8-10	>626	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.35	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							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 4-1-11 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-8, 4-10

REACTIONS. (lb/size) 2=1078/0-5-8, 6=1078/0-5-8
Max Horz 2=248(LC 11)
Max Uplift 2=-315(LC 12), 6=-315(LC 13)
Max Grav 2=1098(LC 19), 6=1098(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1649/834, 3-4=-1798/1085, 4-5=-1799/1085, 5-6=-1648/834
BOT CHORD 2-10=-485/1409, 10-15=-154/836, 9-15=-154/836, 9-16=-154/836, 8-16=-154/836, 6-8=-494/1285
WEBS 4-8=-651/1109, 5-8=-426/377, 4-10=-651/1109, 3-10=-426/377

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 MT20 plates unless otherwise indicated.
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 = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=315, 6=315.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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, 4-7=-54, 2-10=-10, 8-10=-70, 6-8=-10

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T03	Common	8	1	T10033733

Builders FirstSource, Jacksonville, Fl 32244

Job Reference (optional)

7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:22 2016 Page 1

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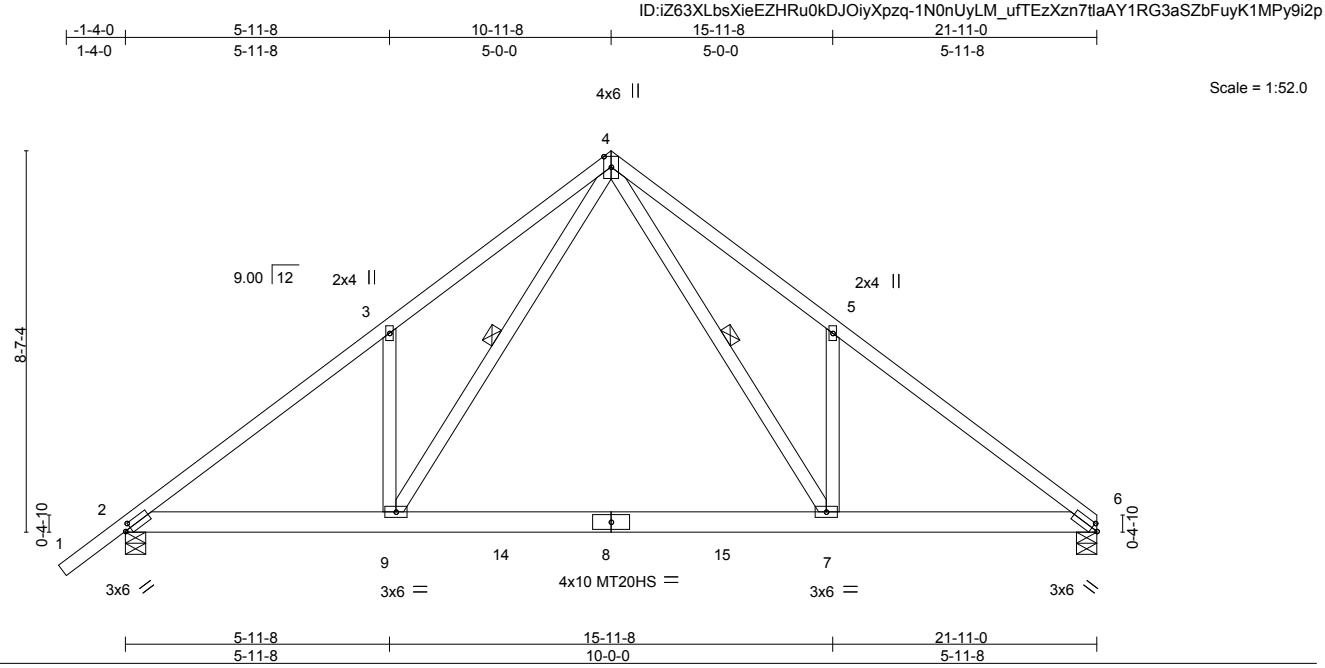

Plate Offsets (X,Y)-- [2:0-1-10,0-1-8], [6:0-1-10,0-1-8]

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	0.48	Vert(LL)	-0.22	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.81	Vert(TL)	-0.42	7-9	>629	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.35	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 135 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 6=999/0-5-8, 2=1081/0-5-8
Max Horz 2=239(LC 11)
Max Uplift 6=-285(LC 13), 2=-316(LC 12)
Max Grav 6=1024(LC 20), 2=1099(LC 19)

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

TOP CHORD	2-3=-1650/841, 3-4=-1803/1093, 4-5=-1795/1104, 5-6=-1661/851
BOT CHORD	2-9=-544/1396, 9-14=-206/823, 8-14=-206/823, 8-15=-206/823, 7-15=-206/823, 6-7=-553/1276
WEBS	4-7=-667/1115, 5-7=-424/380, 4-9=-648/1107, 3-9=-426/377

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 MT20 plates unless otherwise indicated.
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 = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=285, 2=316.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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, 4-6=-54, 2-9=-10, 7-9=-70, 6-7=-10

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T04	Common	3	1	T10033734

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:23 2016 Page 1

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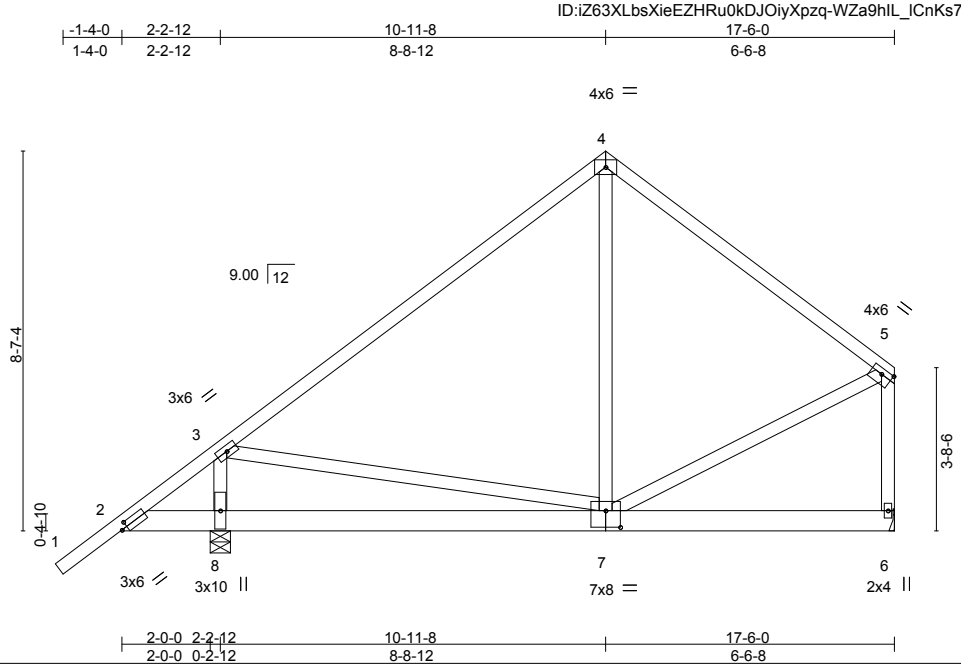

Plate Offsets (X,Y)-- [2:0-1-10,0-1-8], [5:0-3-0,0-1-8], [7:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.88	Vert(LL)	-0.03	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.20	Vert(TL)	-0.05	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(TL)	0.00	6	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 118 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 8=729/0-5-8, 6=459/Mechanical
Max Horz 8=234(LC 9)
Max Uplift 8=-197(LC 12), 6=-126(LC 12)

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

TOP CHORD	2-3=-323/166, 3-4=-436/213, 4-5=-400/233, 5-6=-477/265
BOT CHORD	2-8=-13/304, 7-8=-247/408
WEBS	3-8=-812/766, 5-7=-66/267

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
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) 8=197, 6=126.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	T06	Half Hip Girder	1	1	T10033735

Job Reference (optional)

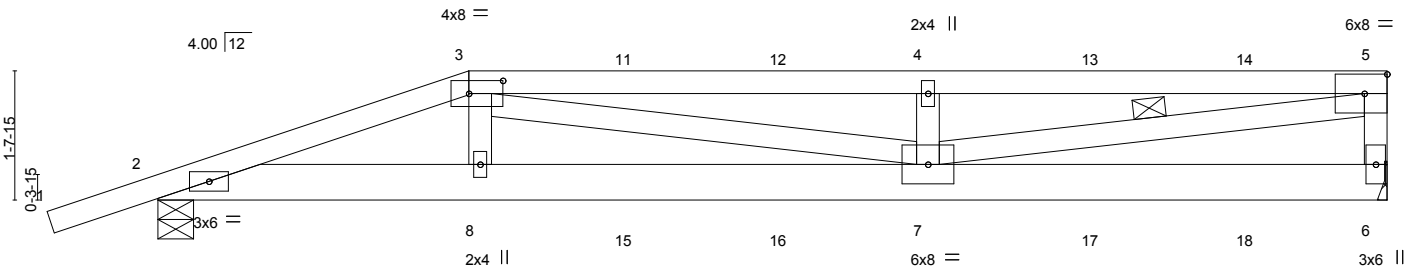
Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:24 2016 Page 1

ID:iZ63XLbsXieEZHRu0kDJOiyXpzq-_l7YveMcWVvBUHhMuYwDgbdLP4pnwNCYLGp8RHy9i2n

-1-4-0 | 4-0-0 | 9-10-14 | 15-9-12

1-4-0 | 4-0-0 | 5-10-14 | 5-10-14

Scale = 1:29.6



4-0-0 | 9-10-14 | 15-9-12

4-0-0 | 5-10-14 | 5-10-14

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	0.27	7-8	>694	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(TL)	-0.26	7-8	>713	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.73	Horz(TL)	-0.03	6	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 84 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 3-4-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-3-12 oc bracing.
WEBS 1 Row at midpt 5-7

REACTIONS. (lb/size) 6=687/Mechanical, 2=757/0-5-8
Max Horz 2=75(LC 4)
Max Uplift 6=-662(LC 4), 2=-706(LC 4)

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

TOP CHORD 2-3=-1852/1828, 3-11=-2029/1994, 11-12=-2029/1994, 4-12=-2029/1994, 4-13=-2029/1994, 13-14=-2029/1994, 5-14=-2029/1994, 5-6=-579/529
BOT CHORD 2-8=-1751/1747, 8-15=-1783/1774, 15-16=-1783/1774, 7-16=-1783/1774
WEBS 3-8=-287/300, 3-7=-218/306, 4-7=-389/286, 5-7=-1889/1915

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=662, 2=706.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 84 lb down and 161 lb up at 4-0-0, 26 lb down and 69 lb up at 6-0-12, 26 lb down and 69 lb up at 8-0-12, 26 lb down and 69 lb up at 10-0-12, and 26 lb down and 69 lb up at 12-0-12, and 26 lb down and 69 lb up at 14-0-12 on top chord, and 85 lb down and 169 lb up at 4-0-0, 34 lb down and 70 lb up at 6-0-12, 34 lb down and 70 lb up at 8-0-12, 34 lb down and 70 lb up at 10-0-12, and 34 lb down and 70 lb up at 12-0-12, and 34 lb down and 70 lb up at 14-0-12 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: 1-3=-54, 3-5=-54, 2-6=-10

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 3=-37(B) 8=-85(B) 7=-34(B) 4=-15(B) 11=-15(B) 12=-15(B) 13=-15(B) 14=-15(B) 15=-34(B) 16=-34(B) 17=-34(B) 18=-34(B)

Job	Truss	Truss Type	Qty	Ply	
932704	T07	Monopitch	17	1	T10033736

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:24 2016 Page 1

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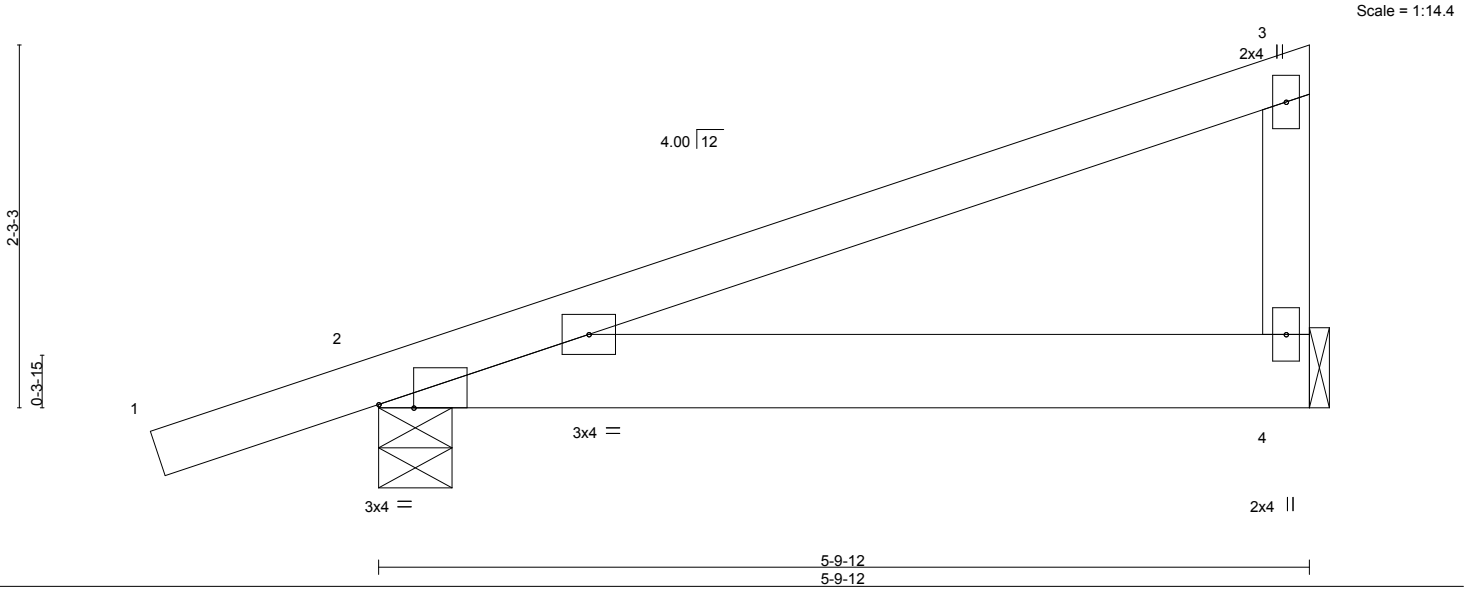

Plate Offsets (X,Y)-- [2:0-2-10,Edge]

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	0.32	Vert(LL)	0.06	4-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.31	Vert(TL)	0.05	4-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 27 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=172/Mechanical, 2=265/0-5-8
Max Horz 2=95(LC 8)
Max Uplift 4=-135(LC 8), 2=-192(LC 8)

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

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) except (jt=lb) 4=135, 2=192.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	T11	GABLE	1	1	T10033737

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:25 2016 Page 1

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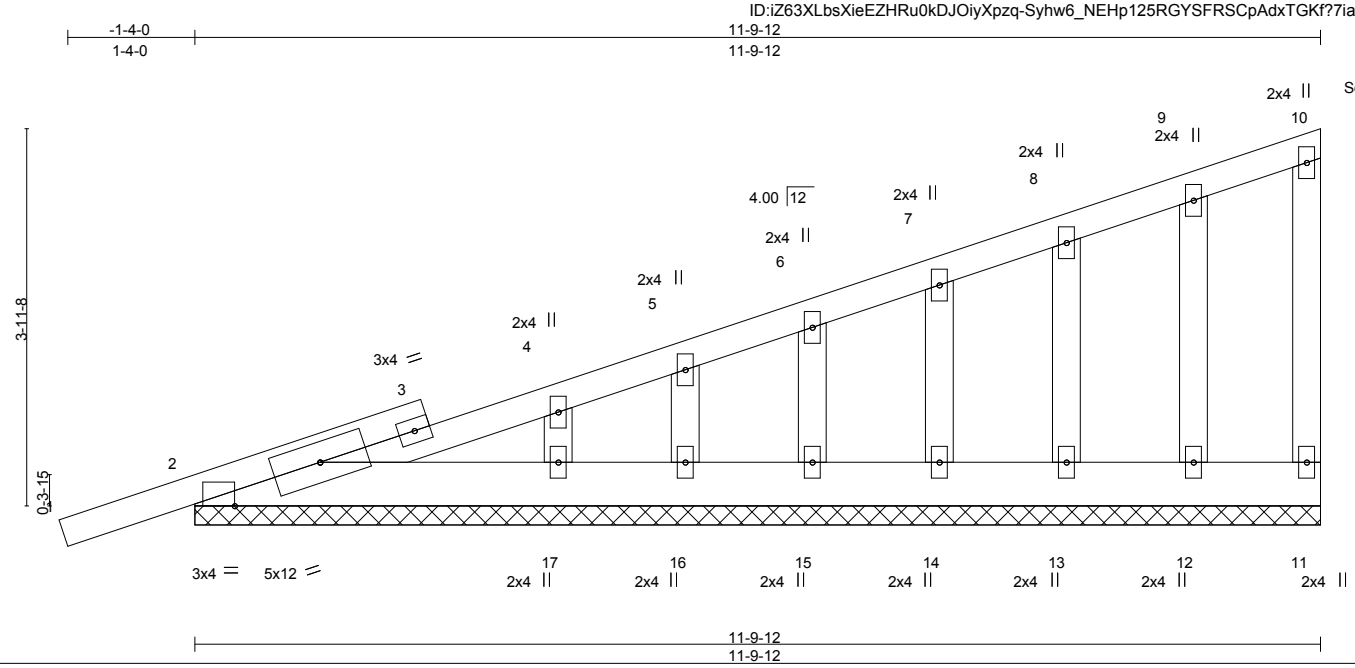

Plate Offsets (X,Y)-- [2:0-10-12,Edge]

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	0.14	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(TL)	0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.00	11	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 70 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. All bearings 11-9-12.

(lb) - Max Horz 2=220(LC 8)

Max Uplift All uplift 100 lb or less at joint(s) 11, 12, 13, 14, 15, 16 except 2=-132(LC 8), 17=-103(LC 12)

Max Grav All reactions 250 lb or less at joint(s) 2, 11, 12, 13, 14, 15, 16, 17

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

NOTES- (9)

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; 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) 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.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 1-4-0 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) 11, 12, 13, 14, 15, 16 except (jt=lb) 2=132, 17=103.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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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Job	Truss	Truss Type	Qty	Ply	
932704	T12	Monopitch	10	1	T10033738

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Job Reference (optional)

7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:25 2016 Page 1

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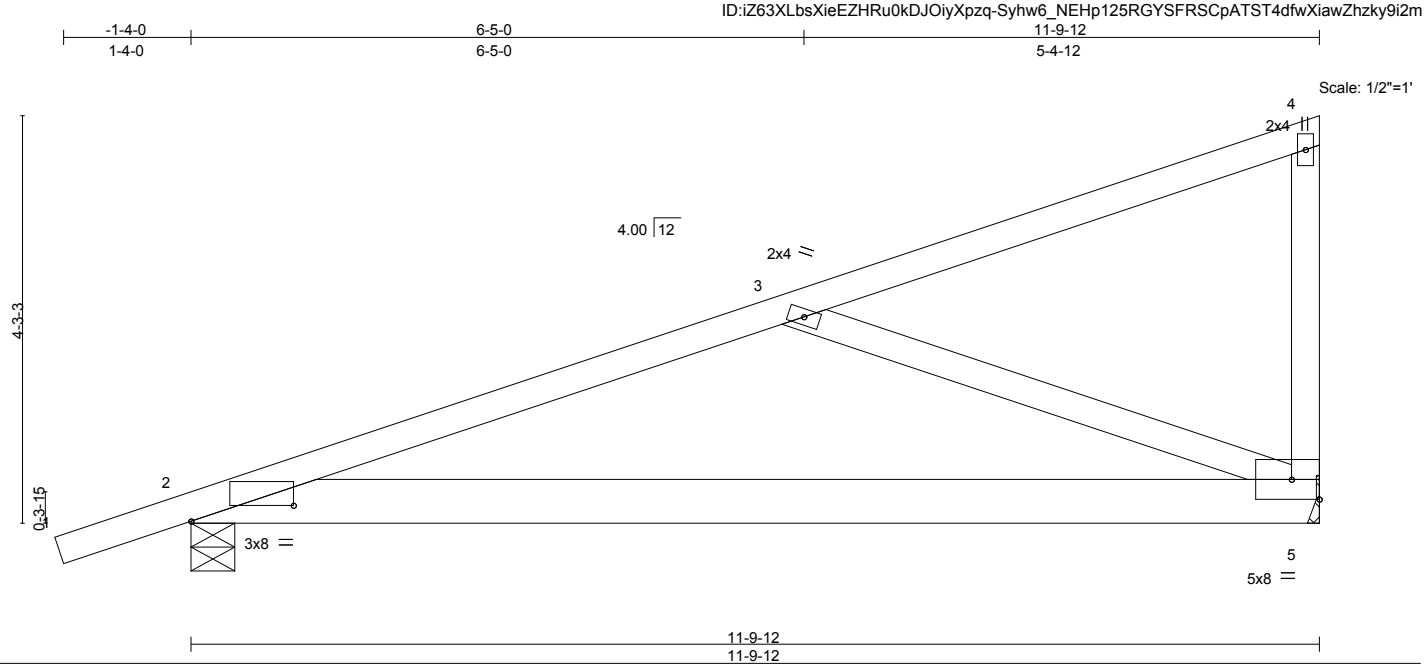

Plate Offsets (X,Y)-- [2:1-0-14,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.81	Vert(LL)	0.48	5-7	>291	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.78	Vert(TL)	0.39	5-7	>362	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(TL)	-0.01	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 62 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 4-5-3 oc bracing.

REACTIONS. (lb/size) 2=452/0-5-8, 5=369/Mechanical
Max Horz 2=167(LC 8)
Max Uplift 2=-315(LC 8), 5=-292(LC 8)

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

TOP CHORD	2-3=-578/636
BOT CHORD	2-5=-810/532
WEBS	3-5=-539/785

NOTES- (7)

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) except (jt=lb) 2=315, 5=292.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	T13	GABLE	1	1	T10033739

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:26 2016 Page 1

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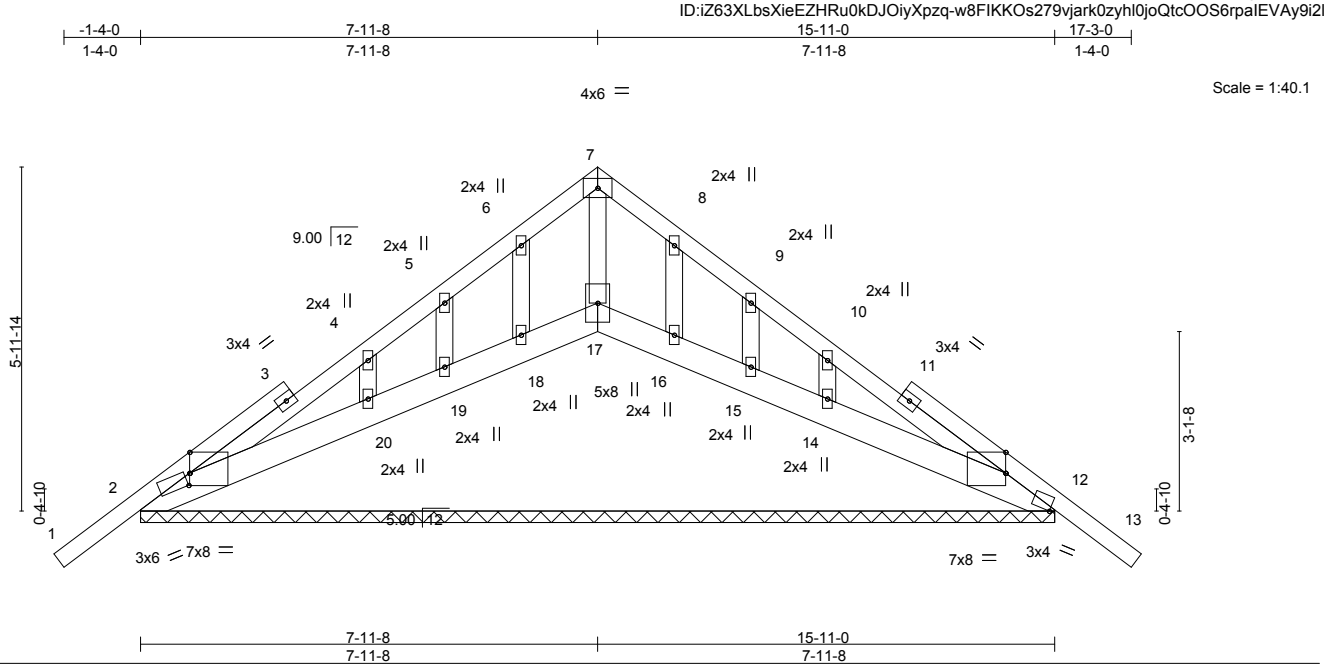

Plate Offsets (X,Y)-- [2:0-1-3,0-2-4], [12:0-11-7,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	Vert(LL)	-0.00	13	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(TL)	-0.00	13	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00	12	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 97 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. All bearings 15-11-0.

(lb) - Max Horz 2=-223(LC 10)

Max Uplift All uplift 100 lb or less at joint(s) 17, 18, 19, 16, 15 except 2=-144(LC 13), 12=-153(LC 13), 20=-201(LC 12), 14=-205(LC 13)

Max Grav All reactions 250 lb or less at joint(s) 2, 12, 18, 19, 16, 15 except 17=311(LC 13), 20=251(LC 19), 14=255(LC 20)

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

WEBS 4-20=-262/207, 10-14=-260/211

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 1-4-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 17, 18, 19, 16, 15 except (jt=lb) 2=144, 12=153, 20=201, 14=205.
9) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 17, 18, 19, 20, 16, 15, 14.
10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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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Job	Truss	Truss Type	Qty	Ply	
932704	T14	Scissor	4	1	T10033740

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:27 2016 Page 1

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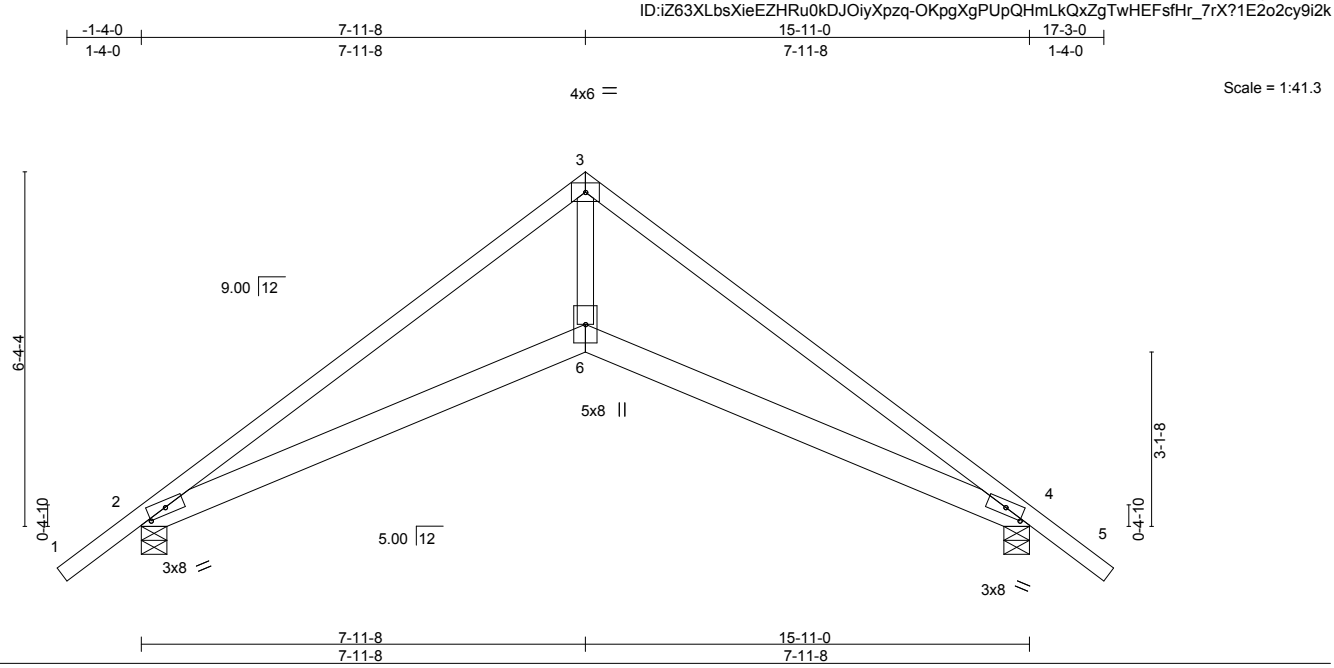

Plate Offsets (X,Y)-- [2:0-3-15,0-1-8], [4:0-3-15,0-1-8]

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	0.64	Vert(LL)	0.08	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(TL)	-0.13	6-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(TL)	0.08	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 80 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-1-8 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=586/0-5-8, 4=586/0-5-8
Max Horz 2=-188(LC 10)
Max Uplift 2=-162(LC 12), 4=-162(LC 13)

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

TOP CHORD	2-3=-1096/357, 3-4=-1096/357
BOT CHORD	2-6=-108/939, 4-6=-100/927
WEBS	3-6=-130/842

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) 2, 4 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) 2=162, 4=162.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T16	Roof Special	3	1	T10033741

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:27 2016 Page 1

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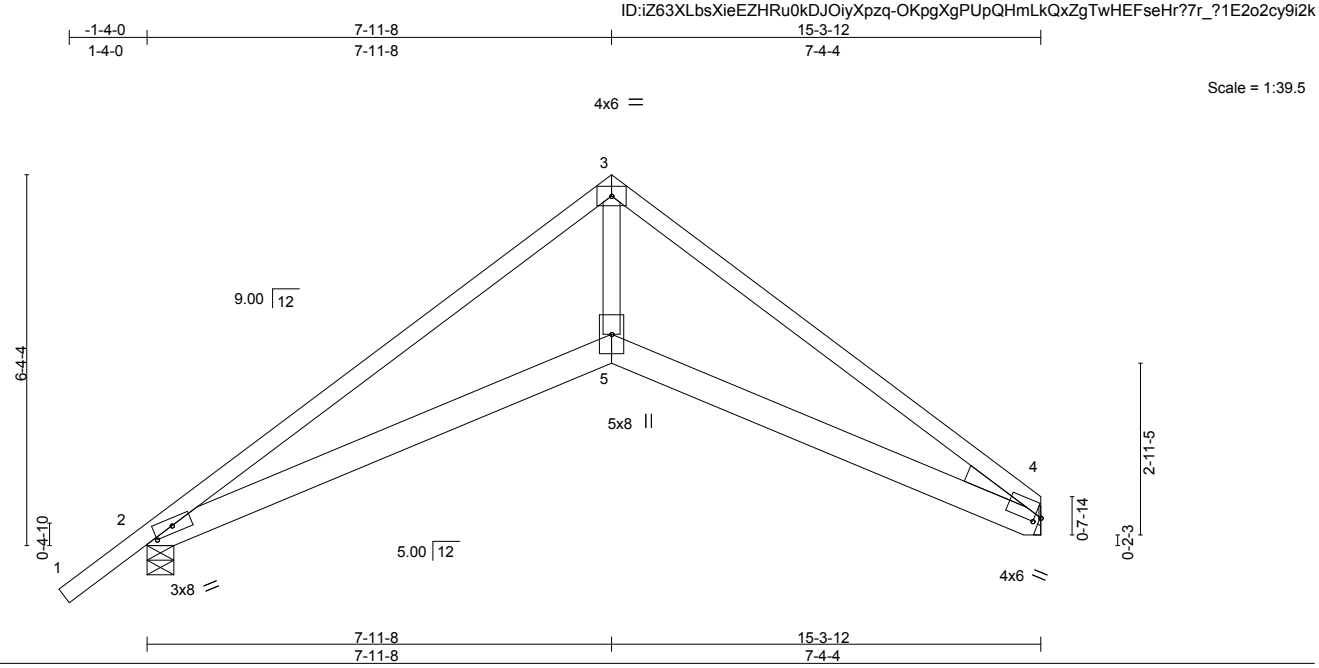

Plate Offsets (X,Y)-- [2:0-3-15,0-1-8], [4:0-1-4,0-1-5]

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	0.64	Vert(LL)	0.09	5-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(TL)	-0.14	5-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.28	Horz(TL)	0.07	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 76 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=486/Mechanical, 2=571/0-5-8
Max Horz 2=178(LC 9)
Max Uplift 4=-123(LC 13), 2=-159(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1027/435, 3-4=-1031/437
BOT CHORD 2-5=-232/841, 4-5=-227/820
WEBS 3-5=-225/741

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) Bearing at joint(s) 2 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) 4=123, 2=159.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T17	Half Hip	1	1	T10033742
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:28 2016 Page 1

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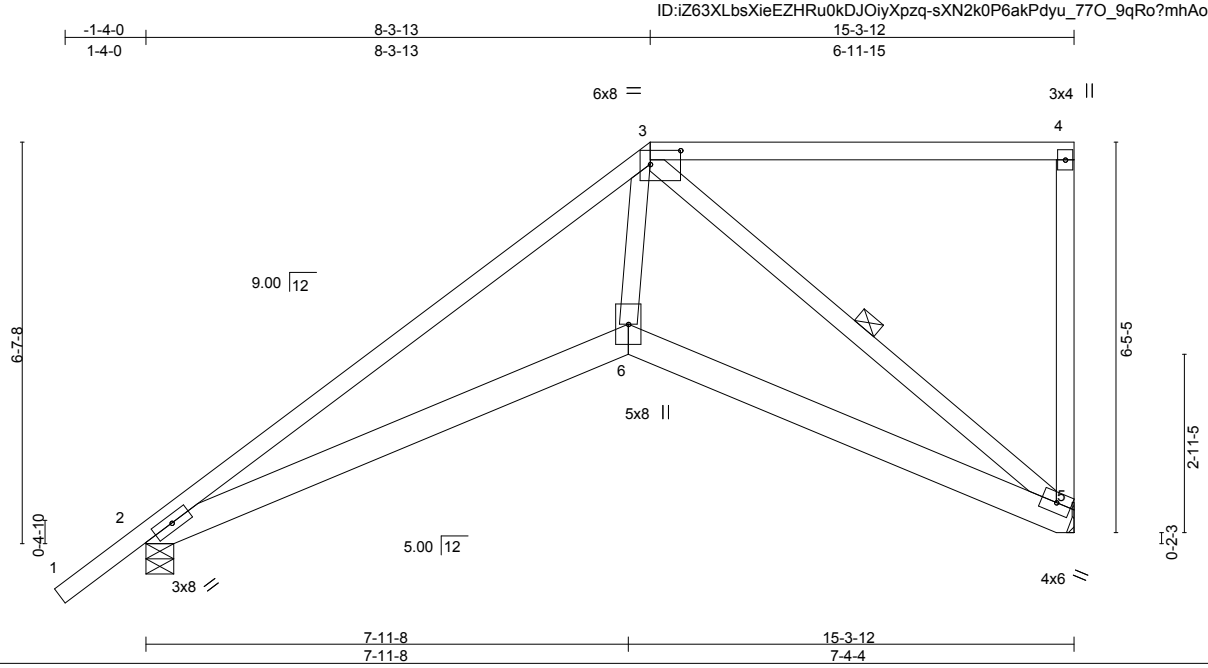

Plate Offsets (X,Y)-- [3:0-6-0,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.74	Vert(LL)	0.10	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.56	Vert(TL)	-0.16	6-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.38	Horz(TL)	0.07	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 94 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 3-6-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-10-7 oc bracing.
WEBS 1 Row at midpt 3-5

REACTIONS. (lb/size) 2=566/0-5-8, 5=481/Mechanical
Max Horz 2=258(LC 12)
Max Uplift 2=-127(LC 12), 5=-175(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-987/595
BOT CHORD 2-6=-673/871, 5-6=-587/744
WEBS 3-6=-494/774, 3-5=-888/702

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=127, 5=175.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T18	Half Hip	1	1	T10033743

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:28 2016 Page 1

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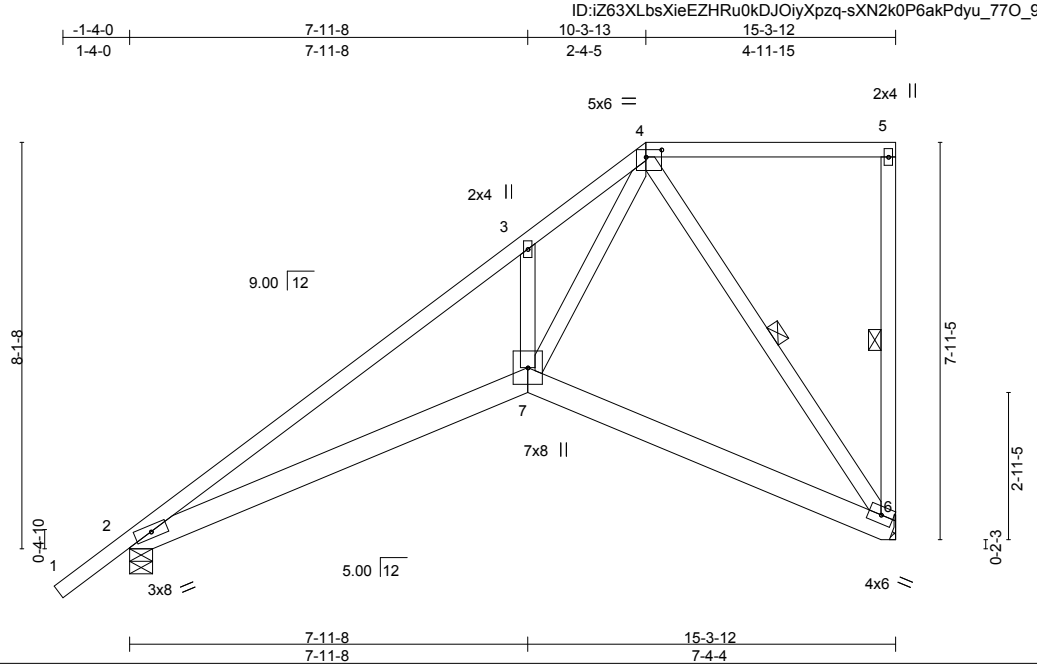

Plate Offsets (X,Y)-- [4:0-3-12,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.54	Vert(LL)	0.09	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(TL)	-0.14	7-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.46	Horz(TL)	0.07	6	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 103 lb	FT = 20%

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

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

REACTIONS. (lb/size) 2=566/0-5-8, 6=481/Mechanical
Max Horz 2=313(LC 12)
Max Uplift 2=-112(LC 12), 6=-184(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1021/609, 3-4=-1216/877
BOT CHORD 2-7=-781/1059, 6-7=-298/379
WEBS 3-7=-504/427, 4-7=-937/1330, 4-6=-613/493

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=112, 6=184.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

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Job	Truss	Truss Type	Qty	Ply	
932704	T19	GABLE	1	1	T10033744
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:29 2016 Page 1

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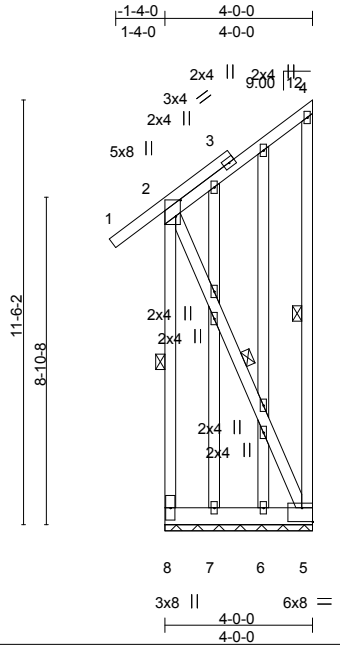

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Plate Offsets (X,Y)-- [2:0-5-4,0-1-8], [5:Edge,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.50	Vert(LL)	0.00	1-2	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(TL)	0.00	1-2	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.37	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 91 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 2-8, 4-5, 2-5

REACTIONS. All bearings 4-0-0.

(lb) - Max Horz 8=-364(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 8=-382(LC 10), 5=-540(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 7, 6 except 8=446(LC 9), 5=551(LC 10)

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

TOP CHORD	2-8=-832/644
BOT CHORD	7-8=-426/363, 6-7=-426/363, 5-6=-426/363
WEBS	2-5=-890/1044

NOTES- (9)

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 1-4-0 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 382 lb uplift at joint 8 and 540 lb uplift at joint 5.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T20	Monopitch	1	1	T10033745
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:29 2016 Page 1

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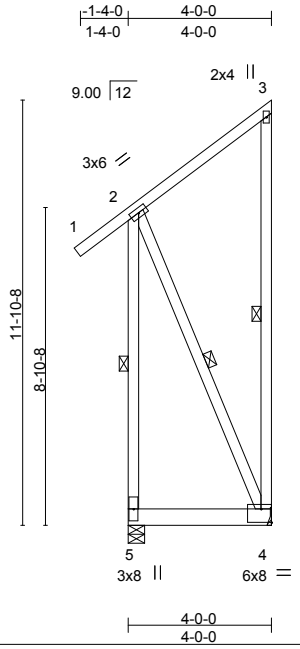

Scale: 3/16"=1'

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	-0.00	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(TL)	-0.01	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.42	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 62 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
2-5: 2x4 SP M 31

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

REACTIONS. (lb/size) 5=221/0-5-8, 4=101/Mechanical
Max Horz 5=-320(LC 10)
Max Uplift 5=-332(LC 10), 4=-480(LC 9)
Max Grav 5=424(LC 9), 4=517(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-916/712
BOT CHORD 4-5=-448/380
WEBS 2-4=-958/1128

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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 332 lb uplift at joint 5 and 480 lb uplift at joint 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T21	Monopitch	3	1	T10033746

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:30 2016 Page 1

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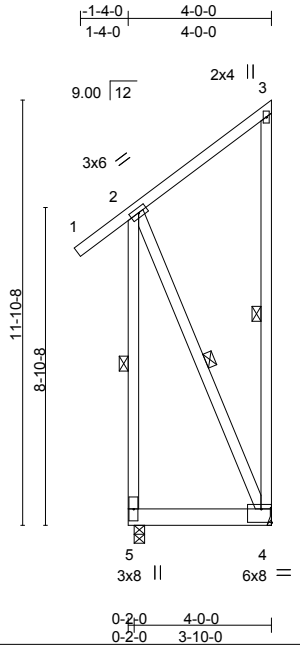

Scale: 3/16"=1'

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	-0.00	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(TL)	-0.01	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.42	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 62 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* 2-5: 2x4 SP M 31

BRACING-

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

REACTIONS. (lb/size) 5=221/0-3-8, 4=101/Mechanical
Max Horz 5=-320(LC 10)
Max Uplift 5=-332(LC 10), 4=-480(LC 9)
Max Grav 5=424(LC 9), 4=517(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-916/712
BOT CHORD 4-5=-448/380
WEBS 2-4=-958/1128

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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 332 lb uplift at joint 5 and 480 lb uplift at joint 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T22	Monopitch	2	1	T10033747
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:30 2016 Page 1

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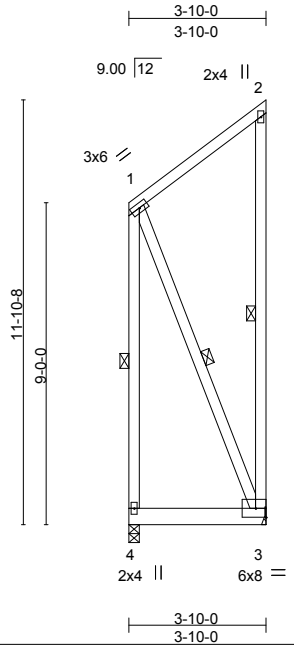

Scale: 3/16"=1'

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	-0.00	3-4	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(TL)	-0.00	3-4	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 59 lb	FT = 20%

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

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

REACTIONS. (lb/size) 4=113/0-3-8, 3=113/Mechanical
Max Horz 4=96(LC 12)
Max Uplift 4=-51(LC 10), 3=-312(LC 12)
Max Grav 4=234(LC 12), 3=209(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-4=-346/234
WEBS 1-3=-317/405

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 51 lb uplift at joint 4 and 312 lb uplift at joint 3.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	T24	Roof Special Structural Gable	1	1	T10033748
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:31 2016 Page 1

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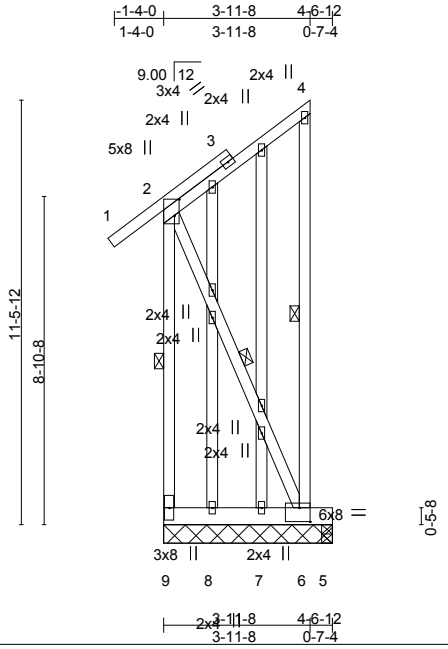

Scale = 1:62.3

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	-0.00	9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(TL)	-0.00	9	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.37	Horz(TL)	-0.00	6	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 92 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-11-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-6, 2-9, 2-6

REACTIONS. All bearings 4-6-12 except (jt=length) 5=0-3-8.
(lb) - Max Horz 9=-364(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 5 except 9=-387(LC 10), 6=-541(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 8, 7 except 9=450(LC 9), 6=561(LC 10), 5=920(LC 19)

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

TOP CHORD	2-9=-840/652
BOT CHORD	8-9=-422/359, 7-8=-422/359, 6-7=-422/359
WEBS	2-6=-898/1053

NOTES- (9)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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.
3) Gable studs spaced at 1-4-0 oc.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 9=387 , 6=541.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 918 lb down and 71 lb up at 4-5-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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: 1-2=-54, 2-4=-54, 5-9=-10

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 5=-781

Job	Truss	Truss Type	Qty	Ply	
932704	T25	Roof Special	1	1	T10033749

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:31 2016 Page 1

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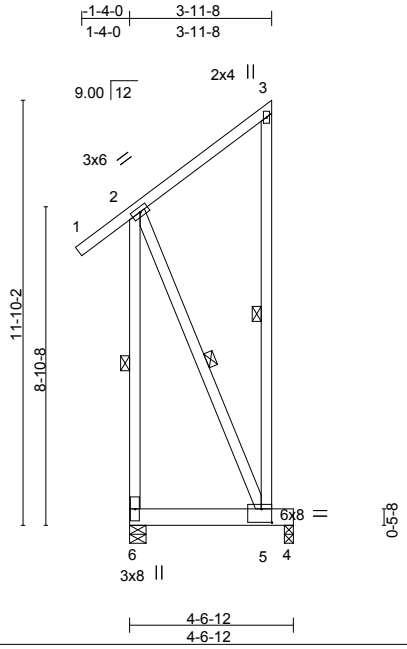

Scale: 3/16"=1'

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	0.04	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(TL)	-0.03	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.42	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 63 lb	FT = 20%

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

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

REACTIONS. (lb/size) 6=235/0-5-8, 4=872/0-3-0
Max Horz 6=-320(LC 10)
Max Uplift 6=-260(LC 10), 4=-225(LC 9)
Max Grav 6=357(LC 9), 4=1271(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-6=-923/719
BOT CHORD 5-6=-446/379
WEBS 2-5=-964/1134

NOTES- (8)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=260, 4=225.
5) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 886 lb down and 71 lb up at 4-5-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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: 1-2=-54, 2-3=-54, 4-6=-10
Concentrated Loads (lb)
Vert: 4=-781

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LOAD CASE(S) Standard

2) Dead + 0.75 Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-44, 2-3=-44, 4-6=-10
   Concentrated Loads (lb)
   Vert: 4=-701
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-14, 2-3=-14, 4-6=-30
   Concentrated Loads (lb)
   Vert: 4=-622
4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=75, 2-3=49, 4-6=-6
   Horz: 1-2=-83, 2-3=-58, 2-6=34
   Concentrated Loads (lb)
   Vert: 4=71
5) Dead + 0.6 C-C Wind (Pos. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=42, 2-3=49, 4-6=-6
   Horz: 1-2=-50, 2-3=-58, 2-6=-53
   Concentrated Loads (lb)
   Vert: 4=71
6) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=24, 2-3=-59, 4-6=-10
   Horz: 1-2=-38, 2-3=45, 2-6=-38
   Concentrated Loads (lb)
   Vert: 4=-821
7) Dead + 0.6 C-C Wind (Neg. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-52, 2-3=-59, 4-6=-10
   Horz: 1-2=38, 2-3=45, 2-6=49
   Concentrated Loads (lb)
   Vert: 4=-854
8) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=8, 2-3=-10, 4-6=-6
   Horz: 1-2=-16, 2-3=1, 2-6=16
   Concentrated Loads (lb)
   Vert: 4=-327
9) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=10, 2-3=17, 4-6=-6
   Horz: 1-2=-18, 2-3=-25, 2-6=-23
   Concentrated Loads (lb)
   Vert: 4=-184
10) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-23, 2-3=-30, 4-6=-10
   Horz: 1-2=9, 2-3=16, 2-6=31
   Concentrated Loads (lb)
   Vert: 4=-708
11) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=4, 2-3=-4, 4-6=-10
   Horz: 1-2=-18, 2-3=-10, 2-6=-8
   Concentrated Loads (lb)
   Vert: 4=-523
12) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=20, 2-3=28, 4-6=-6
   Horz: 1-2=-29, 2-3=-36, 2-6=9
   Concentrated Loads (lb)
   Vert: 4=-98
13) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=7, 2-3=15, 4-6=-6
   Horz: 1-2=-15, 2-3=-23, 2-6=-20
   Concentrated Loads (lb)
   Vert: 4=-204
14) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=20, 2-3=28, 4-6=-6
   Horz: 1-2=-29, 2-3=-36, 2-6=9

LOAD CASE(S) Standard

Concentrated Loads (lb)
Vert: 4=-98

15) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=7, 2-3=15, 4-6=-6
Horz: 1-2=-15, 2-3=-23, 2-6=-20
Concentrated Loads (lb)
Vert: 4=-204

16) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=15, 2-3=7, 4-6=-10
Horz: 1-2=-29, 2-3=-21, 2-6=24
Concentrated Loads (lb)
Vert: 4=-655

17) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=1, 2-3=-6, 4-6=-10
Horz: 1-2=-15, 2-3=-8, 2-6=-5
Concentrated Loads (lb)
Vert: 4=-523

18) Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
Uniform Loads (plf)
Vert: 1-2=-14, 2-3=-14, 4-6=-10
Concentrated Loads (lb)
Vert: 4=-463

19) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-51, 2-3=-56, 4-6=-10
Horz: 1-2=7, 2-3=12, 2-6=23
Concentrated Loads (lb)
Vert: 4=-886

20) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-31, 2-3=-36, 4-6=-10
Horz: 1-2=-13, 2-3=-8, 2-6=-6
Concentrated Loads (lb)
Vert: 4=-746

21) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-22, 2-3=-28, 4-6=-10
Horz: 1-2=-22, 2-3=-16, 2-6=18
Concentrated Loads (lb)
Vert: 4=-846

22) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-32, 2-3=-38, 4-6=-10
Horz: 1-2=-12, 2-3=-6, 2-6=-3
Concentrated Loads (lb)
Vert: 4=-746

Job	Truss	Truss Type	Qty	Ply	
932704	T26	Roof Special	5	1	T10033750

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:32 2016 Page 1

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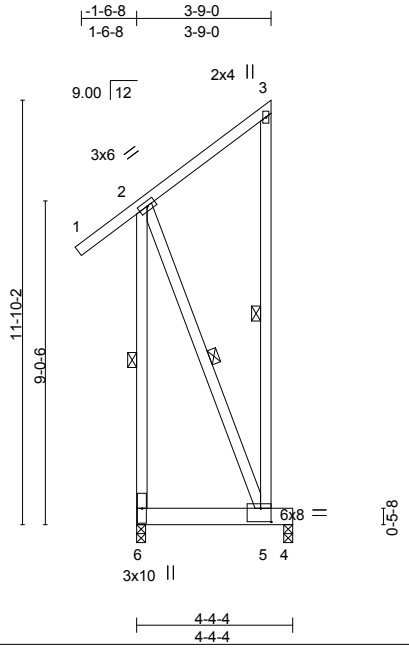

Scale: 3/16"=1'

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	0.03	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(TL)	-0.03	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.46	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 63 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-9-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-6-8 oc bracing.
WEBS 1 Row at midpt 3-5, 2-6, 2-5

REACTIONS. (lb/size) 6=245/0-3-0, 4=860/0-3-0
Max Horz 6=-323(LC 10)
Max Uplift 6=-285(LC 10), 4=-248(LC 9)
Max Grav 6=381(LC 9), 4=1280(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-6=-999/780
BOT CHORD 5-6=-449/382
WEBS 2-5=-1036/1219

NOTES- (8)

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=285, 4=248.
5) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 886 lb down and 71 lb up at 4-2-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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: 1-2=-54, 2-3=-54, 4-6=-10
Concentrated Loads (lb)
Vert: 4=-781

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LOAD CASE(S) Standard

2) Dead + 0.75 Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-2=-44, 2-3=-44, 4-6=-10
   Concentrated Loads (lb)
      Vert: 4=-701
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-2=-14, 2-3=-14, 4-6=-30
   Concentrated Loads (lb)
      Vert: 4=-622
4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-2=75, 2-3=49, 4-6=-6
      Horz: 1-2=-83, 2-3=-58, 2-6=34
   Concentrated Loads (lb)
      Vert: 4=71
5) Dead + 0.6 C-C Wind (Pos. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-2=42, 2-3=49, 4-6=-6
      Horz: 1-2=-50, 2-3=-58, 2-6=-53
   Concentrated Loads (lb)
      Vert: 4=71
6) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-2=24, 2-3=-59, 4-6=-10
      Horz: 1-2=-38, 2-3=45, 2-6=-38
   Concentrated Loads (lb)
      Vert: 4=-821
7) Dead + 0.6 C-C Wind (Neg. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-2=-52, 2-3=-59, 4-6=-10
      Horz: 1-2=38, 2-3=45, 2-6=49
   Concentrated Loads (lb)
      Vert: 4=-854
8) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-2=8, 2-3=-10, 4-6=-6
      Horz: 1-2=-16, 2-3=1, 2-6=16
   Concentrated Loads (lb)
      Vert: 4=-327
9) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-2=10, 2-3=17, 4-6=-6
      Horz: 1-2=-18, 2-3=-25, 2-6=-23
   Concentrated Loads (lb)
      Vert: 4=-184
10) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-2=-23, 2-3=-30, 4-6=-10
      Horz: 1-2=9, 2-3=16, 2-6=31
   Concentrated Loads (lb)
      Vert: 4=-708
11) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-2=4, 2-3=-4, 4-6=-10
      Horz: 1-2=-18, 2-3=-10, 2-6=-8
   Concentrated Loads (lb)
      Vert: 4=-523
12) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-2=20, 2-3=28, 4-6=-6
      Horz: 1-2=-29, 2-3=-36, 2-6=9
   Concentrated Loads (lb)
      Vert: 4=-98
13) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-2=7, 2-3=15, 4-6=-6
      Horz: 1-2=-15, 2-3=-23, 2-6=-20
   Concentrated Loads (lb)
      Vert: 4=-204
14) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: 1-2=20, 2-3=28, 4-6=-6
      Horz: 1-2=-29, 2-3=-36, 2-6=9

LOAD CASE(S) Standard

Concentrated Loads (lb)
Vert: 4=-98

15) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=7, 2-3=15, 4-6=-6
Horz: 1-2=-15, 2-3=-23, 2-6=-20
Concentrated Loads (lb)
Vert: 4=-204

16) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=15, 2-3=7, 4-6=-10
Horz: 1-2=-29, 2-3=-21, 2-6=24
Concentrated Loads (lb)
Vert: 4=-655

17) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=1, 2-3=-6, 4-6=-10
Horz: 1-2=-15, 2-3=-8, 2-6=-5
Concentrated Loads (lb)
Vert: 4=-523

18) Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
Uniform Loads (plf)
Vert: 1-2=-14, 2-3=-14, 4-6=-10
Concentrated Loads (lb)
Vert: 4=-463

19) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-51, 2-3=-56, 4-6=-10
Horz: 1-2=7, 2-3=12, 2-6=23
Concentrated Loads (lb)
Vert: 4=-886

20) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-31, 2-3=-36, 4-6=-10
Horz: 1-2=-13, 2-3=-8, 2-6=-6
Concentrated Loads (lb)
Vert: 4=-746

21) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-22, 2-3=-28, 4-6=-10
Horz: 1-2=-22, 2-3=-16, 2-6=18
Concentrated Loads (lb)
Vert: 4=-846

22) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-32, 2-3=-38, 4-6=-10
Horz: 1-2=-12, 2-3=-6, 2-6=-3
Concentrated Loads (lb)
Vert: 4=-746

Job	Truss	Truss Type	Qty	Ply	
932704	T28	GABLE	1	1	T10033751
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:32 2016 Page 1

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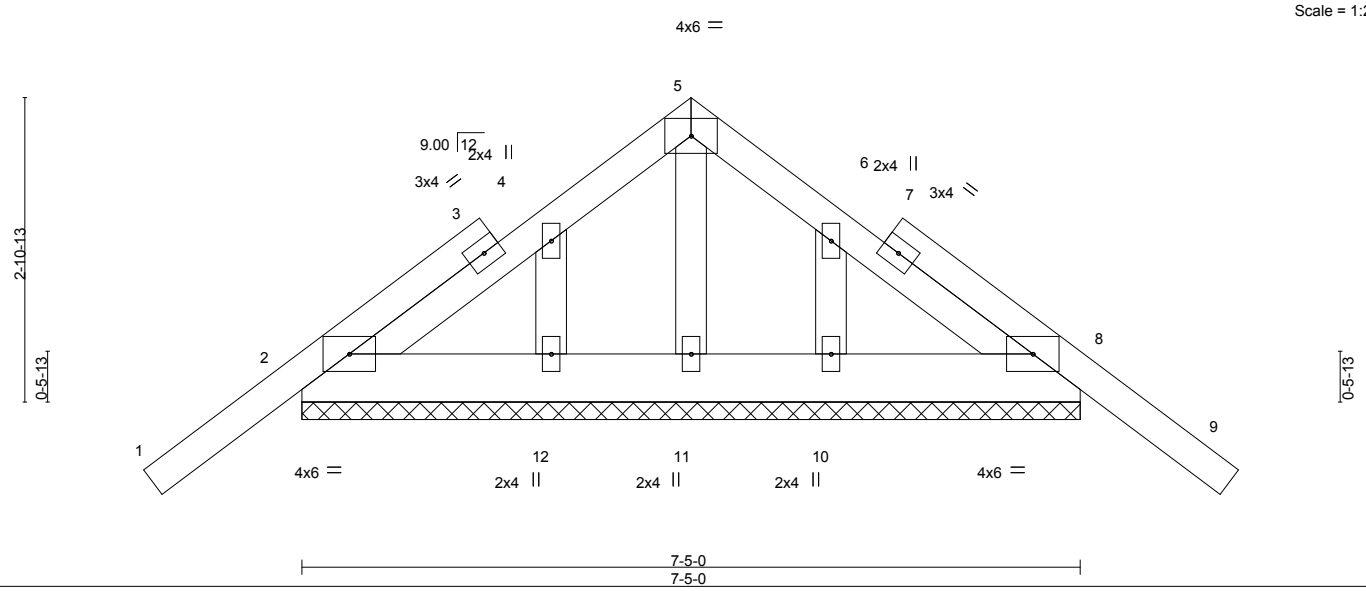
1-4-0 | 3-8-8 | 3-8-8 | 1-4-0

Scale = 1:22.0



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	0.18	Vert(LL)	-0.00	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(TL)	-0.01	9	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	8	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 48 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 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 7-5-0.
(lb) - Max Horz 2=-116(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 11, 12, 10 except 8=-106(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 8, 11, 12, 10

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

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 1-4-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 11, 12, 10 except (jt=lb) 8=106.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

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Job	Truss	Truss Type	Qty	Ply	
932704	T29	GABLE	1	1	T10033752

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:34 2016 Page 1

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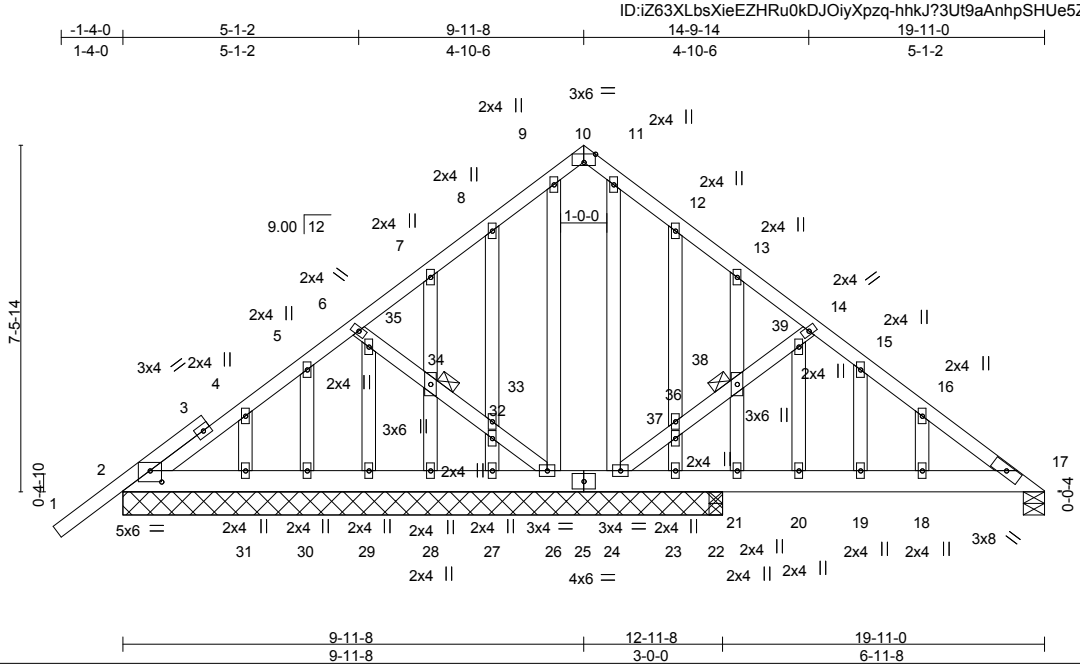

Plate Offsets (X,Y)-- [2:0-3-0,0-2-14], [10:0-3-0,Edge]

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	0.17	Vert(LL)	-0.02	2	>0	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(TL)	-0.02	2	>0	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.26	Horz(TL)	0.00	22	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 168 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 34, 38

REACTIONS. All bearings 12-11-8 except (jt=length) 17=0-5-8, 22=0-3-8.
(lb) - Max Horz 2=264(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 17, 26, 27, 29, 30, 23 except 24=-172(LC 13), 28=-112(LC 12), 31=-117(LC 12), 22=-142(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 17, 26, 27, 28, 30, 22 except 24=348(LC 20), 29=260(LC 23), 31=258(LC 23)

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

TOP CHORD	2-3=-263/253, 3-4=-262/275, 4-5=-231/280, 5-6=-174/252
BOT CHORD	2-31=-272/297, 30-31=-272/297, 29-30=-272/297, 28-29=-272/297, 27-28=-272/297, 26-27=-272/297, 25-26=-293/313, 24-25=-293/313
WEBS	24-37=-293/228, 36-38=-267/209, 38-39=-315/244

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=25ft; 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) na
5) Gable studs spaced at 1-4-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 17, 26, 27, 29, 30, 23 except (jt=lb) 24=172, 28=112, 31=117, 22=142.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

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Job	Truss	Truss Type	Qty	Ply	
932704	T30	Common	1	1	T10033753

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:34 2016 Page 1

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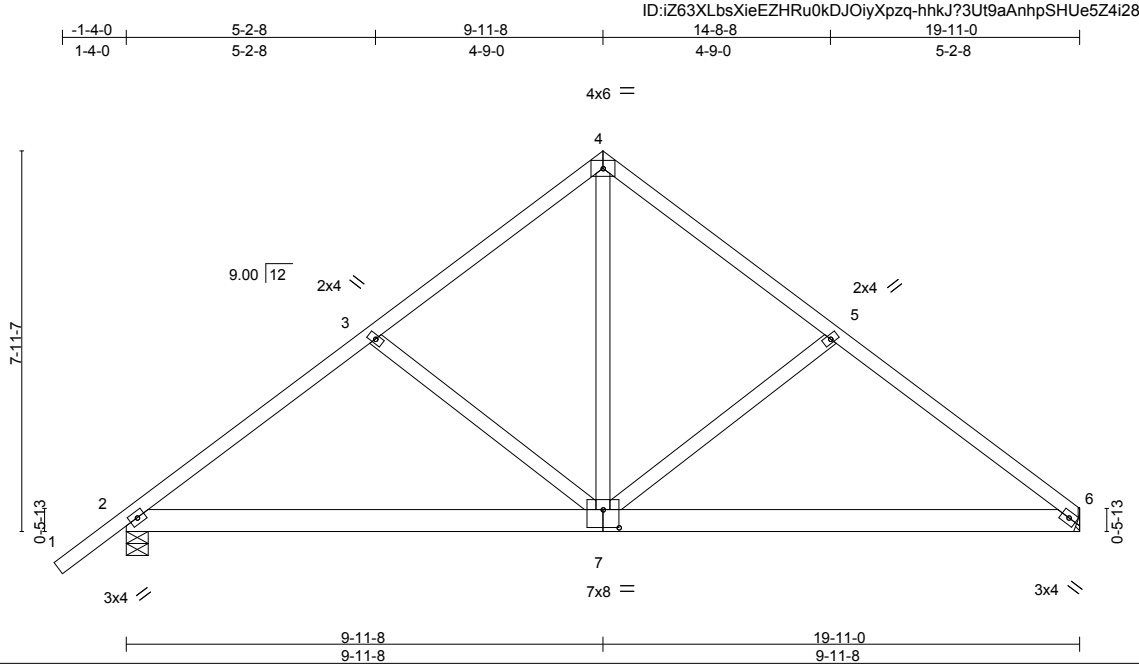

Plate Offsets (X,Y)-- [7:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.05	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.30	Vert(TL)	-0.09	7-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(TL)	0.01	6	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 115 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 6=636/Mechanical, 2=715/0-5-8
Max Horz 2=219(LC 11)
Max Uplift 6=-166(LC 13), 2=-197(LC 12)

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

TOP CHORD	2-3=-826/469, 3-4=-677/421, 4-5=-676/421, 5-6=-826/470
BOT CHORD	2-7=-268/656, 6-7=-270/607
WEBS	4-7=-310/543, 5-7=-336/291, 3-7=-337/289

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) 6=166, 2=197.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	T31	Monopitch Girder	1	1	T10033754

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:35 2016 Page 1

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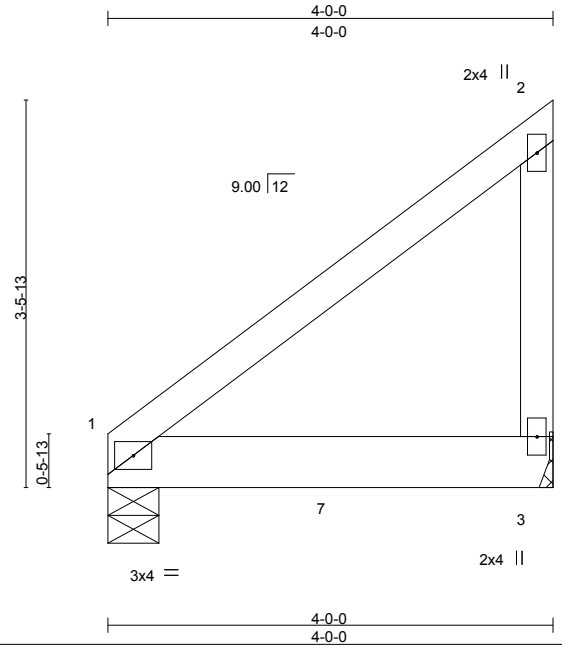

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.22	Vert(LL)	-0.02	3-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(TL)	-0.05	3-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	1	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 21 lb	FT = 20%

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

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

REACTIONS. (lb/size) 1=460/0-5-8, 3=413/Mechanical
Max Horz 1=105(LC 23)
Max Uplift 1=-97(LC 8), 3=-160(LC 8)

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

NOTES- (9)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); 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) 1 except (jt=lb) 3=160.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 626 lb down and 176 lb up at 2-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
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: 1-2=-54, 3-4=-10
Concentrated Loads (lb)
Vert: 7=-626(F)

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T32	Roof Special Girder	1	1	T10033755

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:36 2016 Page 1

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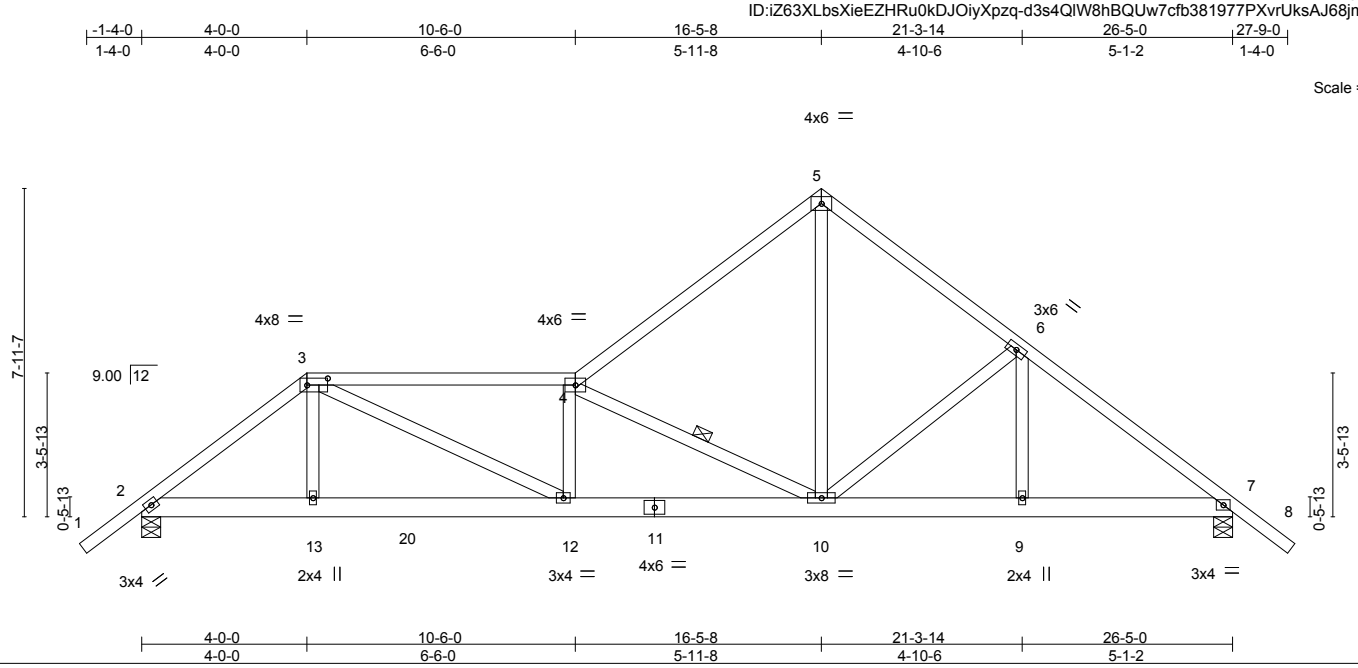

Plate Offsets (X,Y)-- [3:0-6-0,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	-0.13	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.76	Vert(TL)	-0.25	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.47	Horz(TL)	0.05	7	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 166 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except*
	3-4: 2x4 SP M 31
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-1-5 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 8-1-11 oc bracing.
WEBS	1 Row at midpt 4-10

REACTIONS. (lb/size) 2=1331/0-5-8, 7=1041/0-5-8
Max Horz 2=-228(LC 6)
Max Uplift 2=-542(LC 8), 7=-307(LC 9)

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

TOP CHORD	2-3=-1955/799, 3-4=-2337/856, 4-5=-1149/391, 5-6=-1134/423, 6-7=-1356/400
BOT CHORD	2-13=-648/1509, 13-20=-657/1531, 12-20=-657/1531, 11-12=-832/2345, 10-11=-832/2345, 9-10=-246/1025, 7-9=-246/1025
WEBS	3-13=-196/469, 3-12=-239/897, 4-12=-344/245, 4-10=-1694/730, 5-10=-345/972, 6-10=-291/187

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); 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=542, 7=307.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 111 lb down and 153 lb up at 4-0-0 on top chord, and 124 lb down and 103 lb up at 4-0-0, and 403 lb down and 170 lb up at 6-5-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
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, 4-5=-54, 5-8=-54, 14-17=-10

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Tampa, FL 36610

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 3=-22(F) 13=-104(F) 20=-403(F)

Job	Truss	Truss Type	Qty	Ply	
932704	T33	Roof Special	1	1	T10033756

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:37 2016 Page 1

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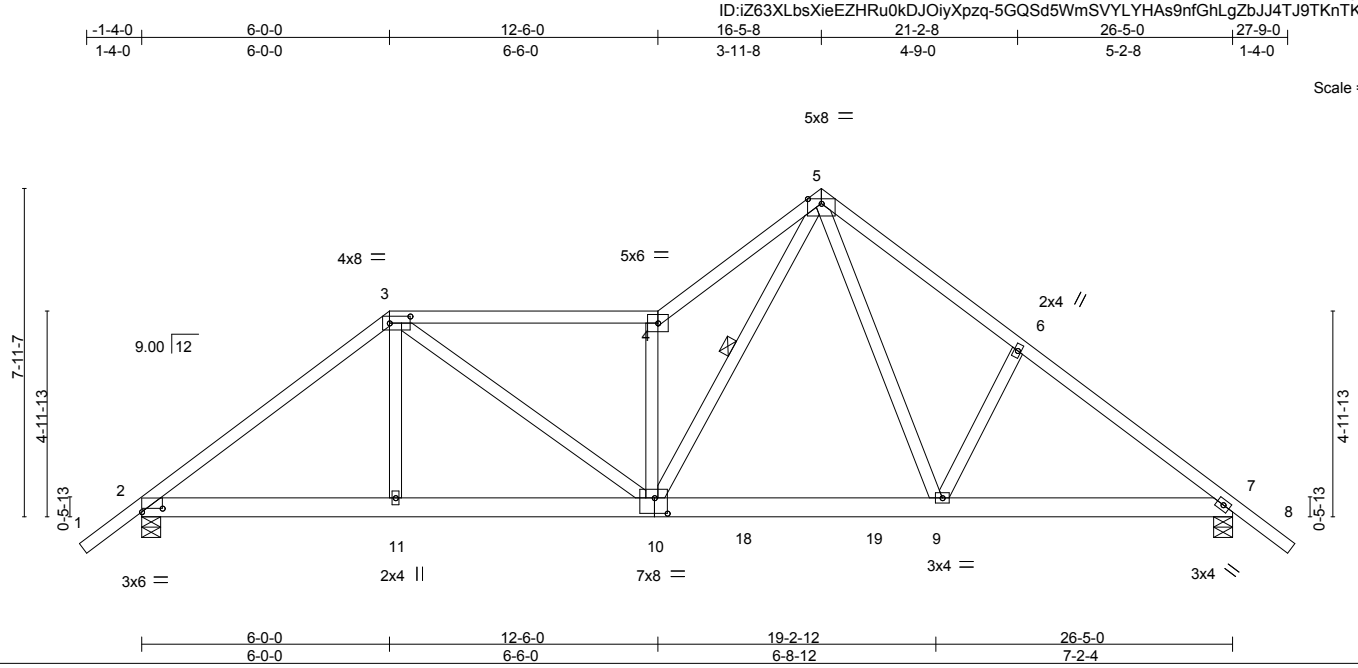

Plate Offsets (X,Y)-- [2:0-6-0,0-1-1], [3:0-6-0,0-2-0], [10:0-3-12,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.61	Vert(LL)	-0.08	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.23	Vert(TL)	-0.15	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(TL)	0.02	7	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 167 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-0-3 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 5-10

REACTIONS. (lb/size) 2=923/0-5-8, 7=921/0-5-8
Max Horz 2=228(LC 11)
Max Uplift 2=-281(LC 12), 7=-236(LC 13)

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

TOP CHORD	2-3=-1157/637, 3-4=-1185/768, 4-5=-1569/1075, 5-6=-1084/726, 6-7=-1174/650
BOT CHORD	2-11=-321/848, 10-11=-320/850, 10-18=-156/678, 18-19=-156/678, 9-19=-156/678, 7-9=-367/880
WEBS	3-10=-221/477, 4-10=-1178/857, 5-10=-764/1118, 5-9=-238/411, 6-9=-324/283

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=281, 7=236.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T34	Roof Special	1	1	T10033757

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:37 2016 Page 1

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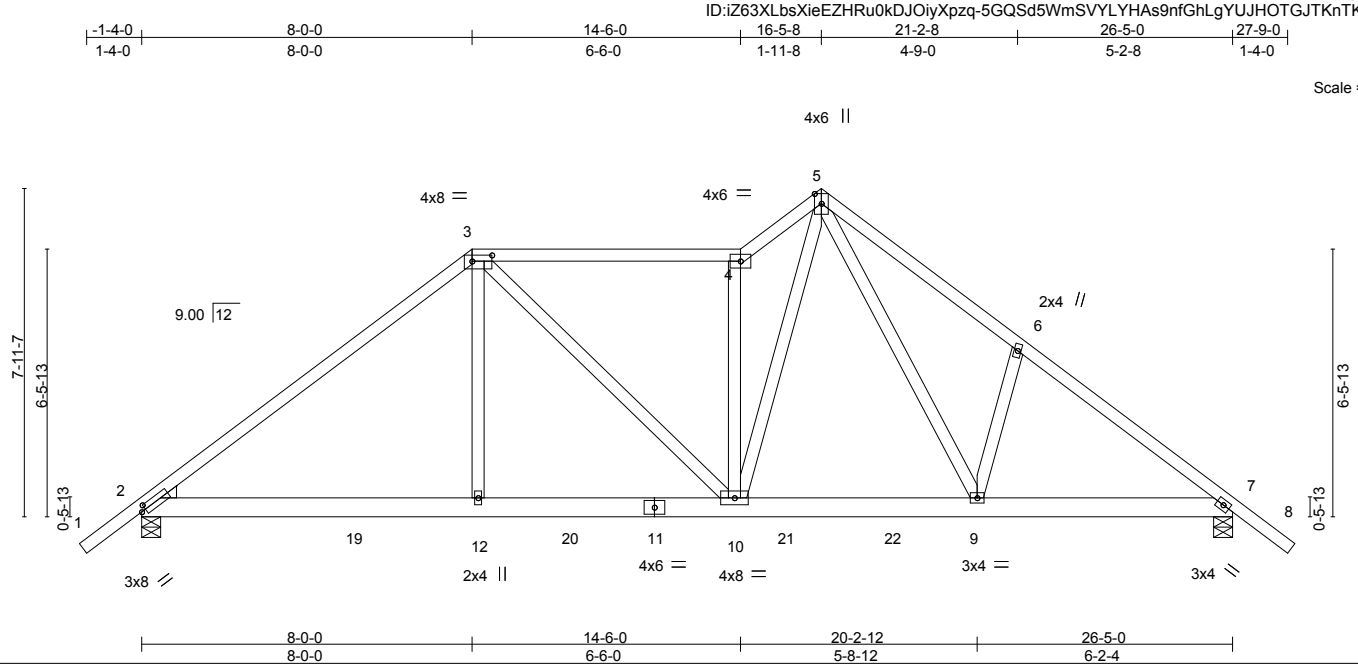

Plate Offsets (X,Y)-- [2:0-1-5,0-1-8], [3:0-5-12,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.68	Vert(LL)	-0.06	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(TL)	-0.11	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(TL)	0.02	7	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 173 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=926/0-5-8, 7=918/0-5-8
Max Horz 2=228(LC 11)
Max Uplift 2=-283(LC 12), 7=-235(LC 13)
Max Grav 2=930(LC 19), 7=922(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1135/596, 3-4=-924/636, 4-5=-1184/854, 5-6=-1155/783, 6-7=-1175/643
BOT CHORD 2-19=-243/878, 12-19=-243/878, 12-20=-243/884, 11-20=-243/884, 10-11=-243/884, 10-21=-151/699, 21-22=-151/699, 9-22=-151/699, 7-9=-361/876
WEBS 3-12=-5/262, 4-10=-891/671, 5-10=-593/916, 5-9=-298/464, 6-9=-346/304

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=283, 7=235.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T35	Hip Girder	1	2	T10033758

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:39 2016 Page 1

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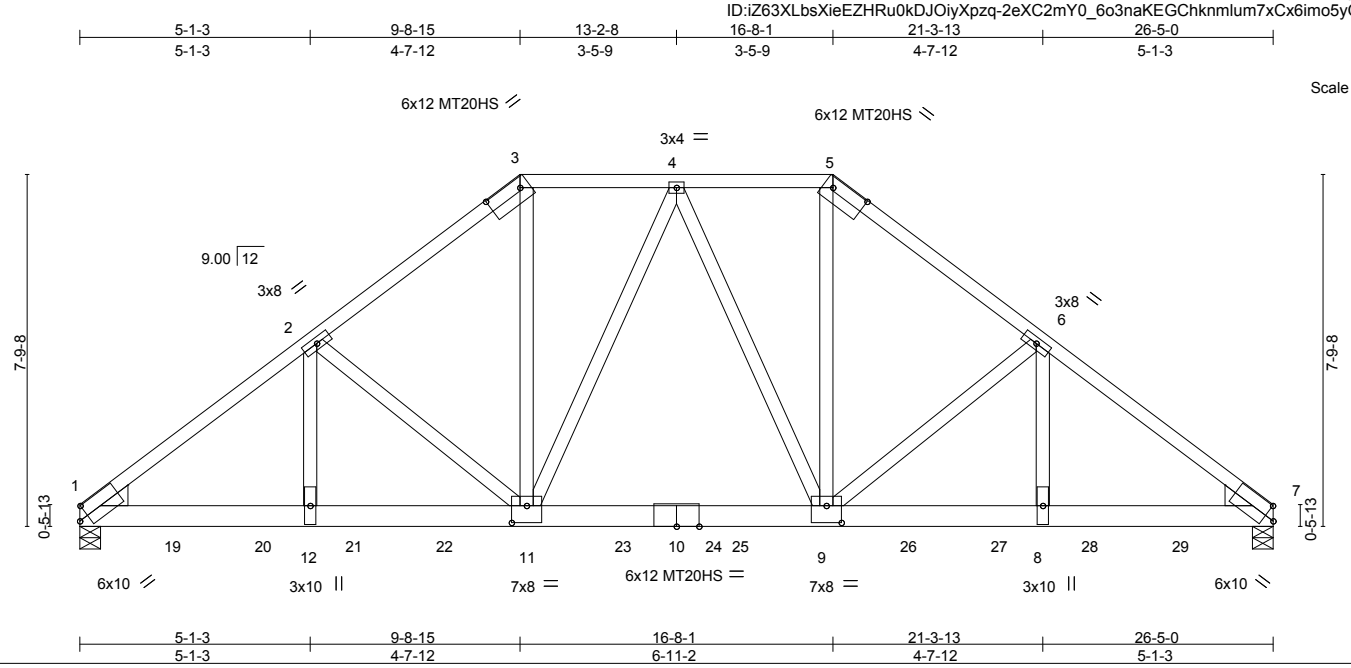

Plate Offsets (X,Y)-- [1:0-2-8,0-3-3], [3:0-9-8,0-2-8], [5:0-9-8,0-2-8], [7:0-2-8,0-3-3], [9:0-4-0,0-4-8], [11:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.69	Vert(LL)	-0.22	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.51	Vert(TL)	-0.42	9-11	>754	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.93	Horz(TL)	0.09	7	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 367 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP M 26
WEBS 2x4 SP No.3
WEDGE
Left: 2x6 SP No.2, Right: 2x6 SP No.2

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

REACTIONS. (lb/size) 1=7542/0-5-8, 7=7543/0-5-8
Max Horz 1=-196(LC 6)
Max Uplift 1=-2054(LC 8), 7=-2053(LC 9)
Max Grav 1=7542(LC 1), 7=7561(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-10725/2915, 2-3=-8626/2388, 3-4=-6915/1980, 4-5=-6884/1970, 5-6=-8588/2377, 6-7=-10721/2913
BOT CHORD 1-19=-2368/8519, 19-20=-2368/8519, 12-20=-2368/8519, 12-21=-2368/8519, 21-22=-2368/8519, 11-22=-2368/8519, 11-23=-1871/6925, 10-23=-1871/6925, 10-24=-1871/6925, 24-25=-1871/6925, 9-25=-1871/6925, 9-26=-2248/8526, 26-27=-2248/8526, 8-27=-2248/8526, 8-28=-2248/8526, 28-29=-2248/8526, 7-29=-2248/8526
WEBS 2-12=-624/2368, 2-11=-2196/726, 3-11=-1352/4905, 5-9=-1345/4896, 6-9=-2283/736, 6-8=-636/2523

NOTES- (13)
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) The Fabrication Tolerance at joint 3 = 16%, joint 5 = 16%
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=2054, 7=2053.
11) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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Tampa, FL 36610

NOTES- (13)

12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1097 lb down and 306 lb up at 2-0-12, 1097 lb down and 306 lb up at 4-0-12, 1097 lb down and 306 lb up at 6-0-12, 1097 lb down and 306 lb up at 8-0-12, 1097 lb down and 306 lb up at 10-0-12, 1202 lb down and 338 lb up at 12-0-12, 1197 lb down and 338 lb up at 14-0-12, 1158 lb down and 308 lb up at 16-4-4, 1158 lb down and 308 lb up at 18-4-4, 1158 lb down and 308 lb up at 20-4-4, and 1158 lb down and 308 lb up at 22-4-4, and 1158 lb down and 308 lb up at 24-4-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

13) 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=-10
   Concentrated Loads (lb)
   Vert: 11=-1097(B) 9=-1107(B) 19=-1097(B) 20=-1097(B) 21=-1097(B) 22=-1097(B) 23=-1185(B) 24=-1185(B) 26=-1107(B) 27=-1107(B) 28=-1107(B) 29=-1107(B)

Job	Truss	Truss Type	Qty	Ply	
932704	T38	GABLE	1	1	T10033759

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:40 2016 Page 1

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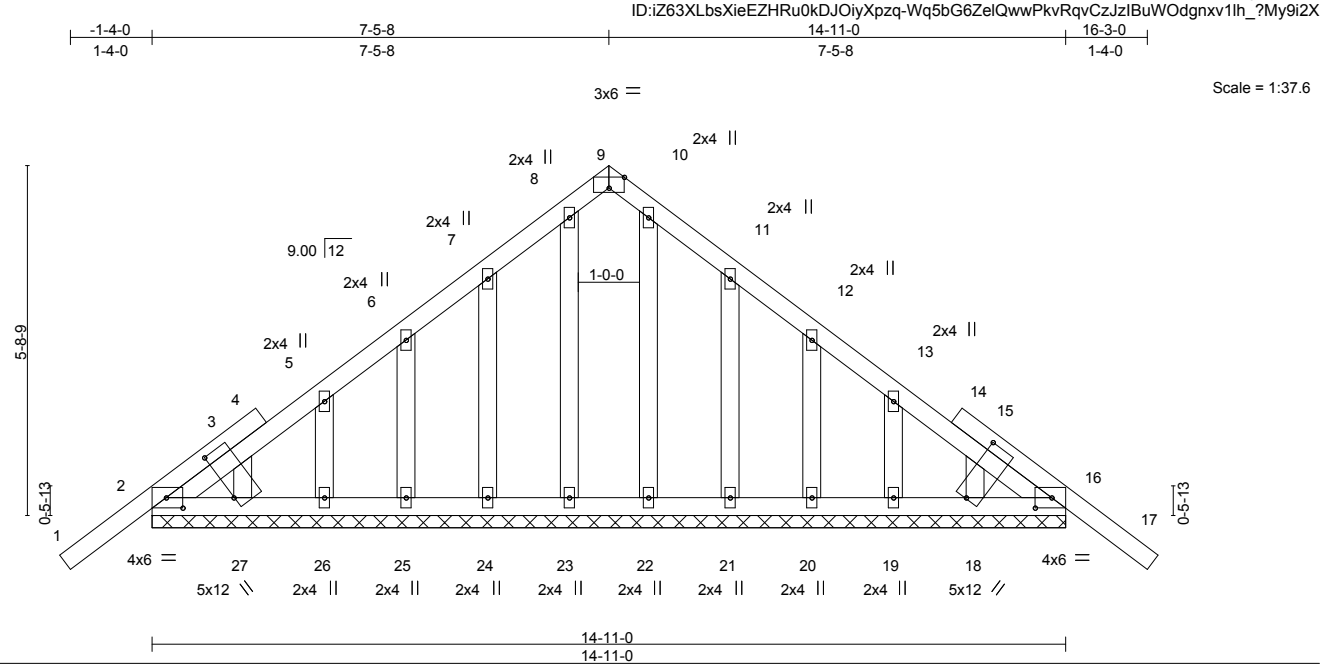

Plate Offsets (X,Y)-- [2:0-3-4,0-2-0], [9:0-3-0,Edge], [16:0-3-4,0-2-0], [18:0-11-13,0-2-5], [27:0-9-12,0-0-2]

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	0.16	Vert(LL)	-0.01	17	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(TL)	-0.01	17	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	16	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 101 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 14-11-0.
(lb) - Max Horz 2=210(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 16, 23, 25, 26, 27, 20, 19, 18 except 24=-104(LC 12), 21=-109(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 16, 23, 24, 25, 26, 27, 22, 21, 20, 19, 18

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

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 1-4-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 16, 23, 25, 26, 27, 20, 19, 18 except (jt=lb) 24=104, 21=109.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

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Job	Truss	Truss Type	Qty	Ply	
932704	T39	Common	2	1	T10033760

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:40 2016 Page 1

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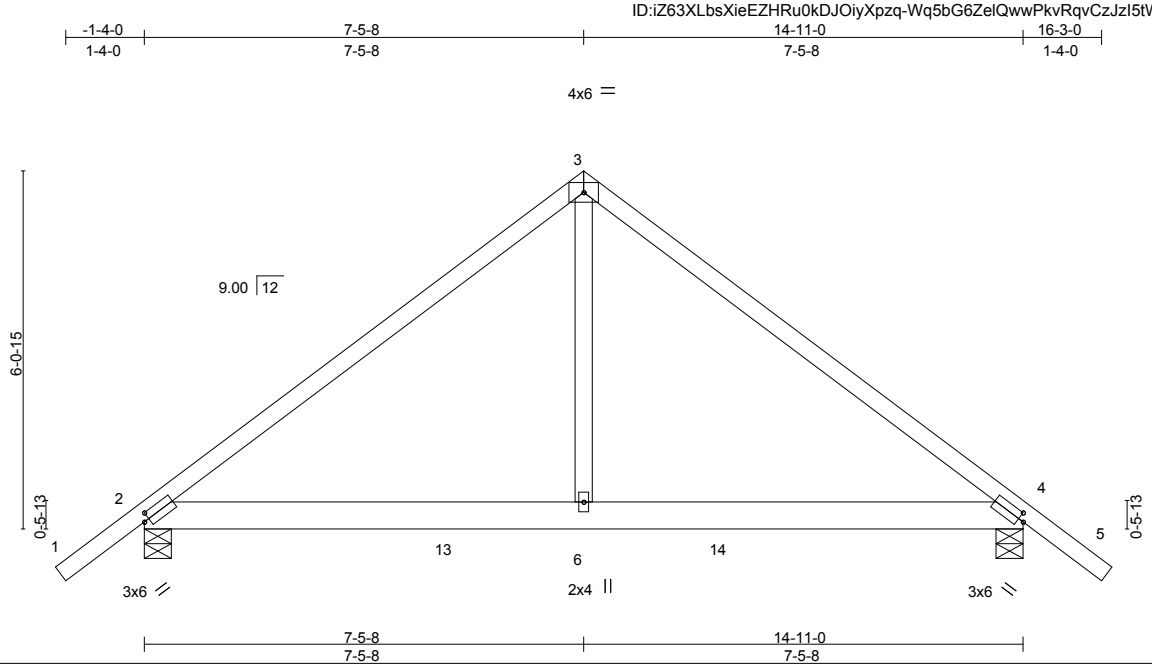

Plate Offsets (X,Y)-- [2:0-1-2,0-1-8], [4:0-1-2,0-1-8]

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	0.54	Vert(LL)	0.03	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.27	Vert(TL)	-0.05	6-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 76 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 2=554/0-5-8, 4=554/0-5-8
Max Horz 2=-178(LC 10)
Max Uplift 2=-158(LC 12), 4=-158(LC 13)
Max Grav 2=585(LC 19), 4=585(LC 20)

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

TOP CHORD	2-3=-594/273, 3-4=-594/273
BOT CHORD	2-13=-19/438, 6-13=-19/438, 6-14=-19/438, 4-14=-19/438
WEBS	3-6=-41/266

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 = 5.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=158, 4=158.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	T40	Common Girder	1	2	T10033761

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:41 2016 Page 1

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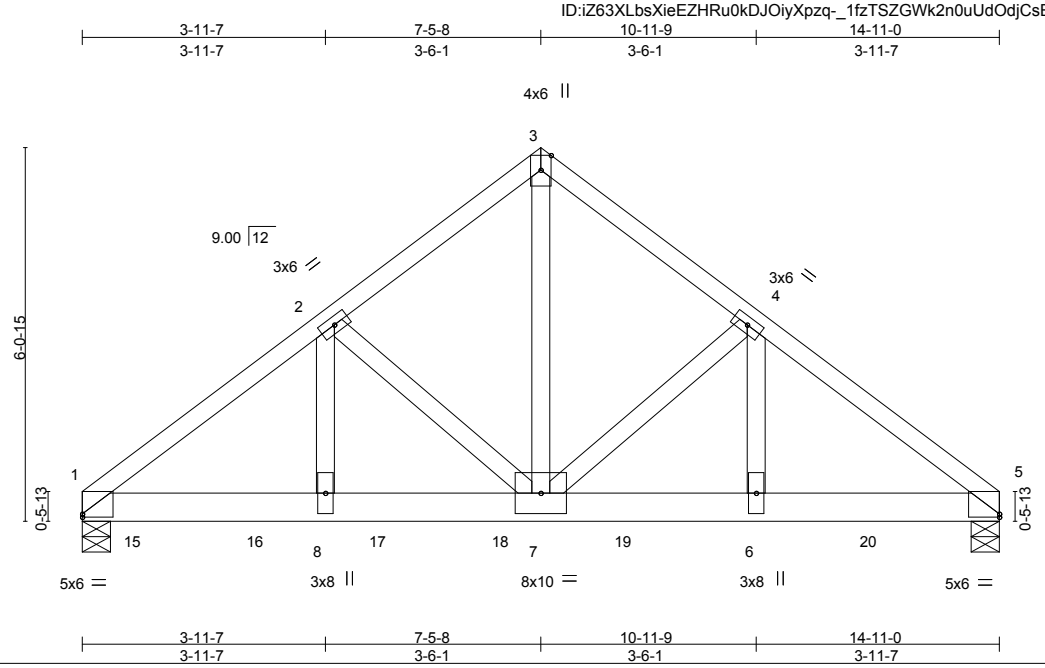

Plate Offsets (X,Y)-- [1:0-0-0,0-0-10], [5:0-0-0,0-0-10]

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	0.25	Vert(LL)	-0.07	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.76	Vert(TL)	-0.13	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.86	Horz(TL)	0.04	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 183 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-1-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=4663/0-5-8, 5=4041/0-5-8
Max Horz 1=-149(LC 4)
Max Uplift 1=-1273(LC 8), 5=-1103(LC 9)
Max Grav 1=4778(LC 2), 5=4129(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-5696/1521, 2-3=-3946/1109, 3-4=-3944/1108, 4-5=-5631/1505
BOT CHORD 1-15=-1229/4535, 15-16=-1229/4535, 8-16=-1229/4535, 8-17=-1229/4535, 17-18=-1229/4535, 7-18=-1229/4535, 7-19=-1155/4475, 6-19=-1155/4475, 6-20=-1155/4475, 5-20=-1155/4475
WEBS 3-7=-1236/4515, 4-7=-1782/571, 4-6=-517/2036, 2-7=-1861/591, 2-8=-537/2113

NOTES- (10)
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-6-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=1273, 5=1103.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1158 lb down and 307 lb up at 0-10-4, 1158 lb down and 308 lb up at 2-10-4, 1158 lb down and 308 lb up at 4-10-4, 1158 lb down and 308 lb up at 6-10-4, 1158 lb down and 308 lb up at 8-10-4, and 1156 lb down and 308 lb up at 10-10-4, and 1156 lb down and 308 lb up at 12-10-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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

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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, 9-12=-10

Concentrated Loads (lb)

Vert: 6=-1106(F) 15=-1108(F) 16=-1107(F) 17=-1107(F) 18=-1107(F) 19=-1107(F) 20=-1106(F)

Job	Truss	Truss Type	Qty	Ply	
932704	T41	GABLE	1	1	T10033762

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:44 2016 Page 1

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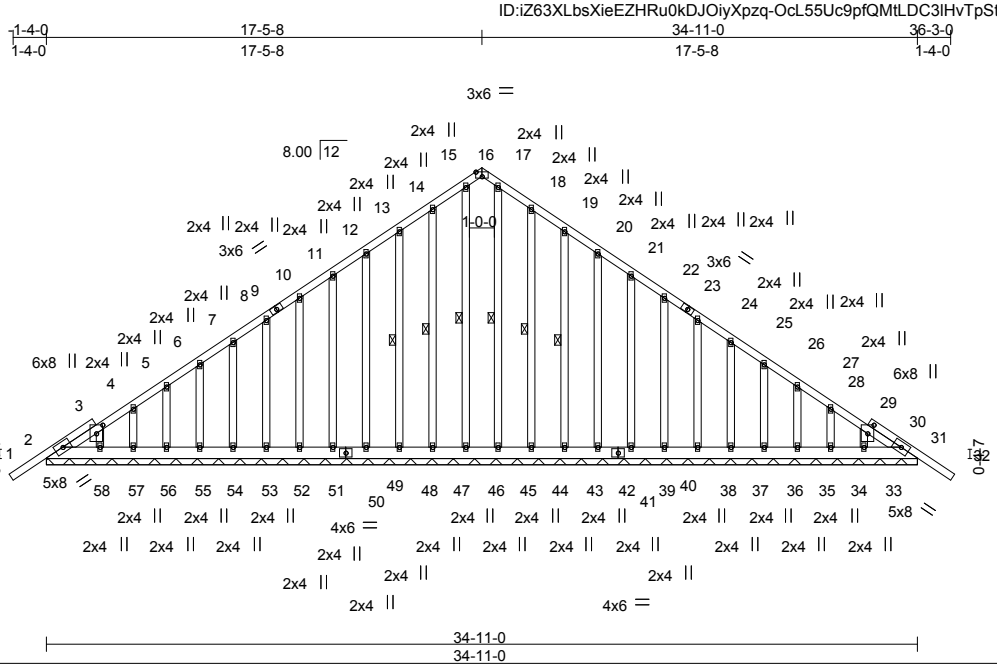

Plate Offsets (X,Y)-- [3:0-4-3,0-3-0], [16:0-3-0,Edge], [23:0-0-0,0-0-0], [29:0-4-3,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	-0.00	32	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(TL)	-0.01	32	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(TL)	0.01	31	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 354 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 15-46, 14-47, 13-48, 17-45, 18-44, 19-43

REACTIONS. All bearings 34-11-0.

(lb) - Max Horz 2=327(LC 11)

Max Uplift All uplift 100 lb or less at joint(s) 2, 46, 47, 48, 49, 51, 52, 53, 54, 55, 56, 57, 58, 44, 43, 42, 40, 39, 38, 37, 36, 35, 34, 33, 31

Max Grav All reactions 250 lb or less at joint(s) 2, 46, 47, 48, 49, 51, 52, 53, 54, 55, 56, 57, 58, 45, 44, 43, 42, 40, 39, 38, 37, 36, 35, 34, 33, 31

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

TOP CHORD 2-3=-269/237, 13-14=-210/253, 14-15=-262/315, 17-18=-262/315, 18-19=-210/253, 30-31=-273/253

BOT CHORD 2-58=-250/334, 57-58=-252/335, 56-57=-252/335, 55-56=-252/335, 54-55=-252/335, 53-54=-252/335, 52-53=-252/335, 51-52=-252/335, 50-51=-252/335, 49-50=-252/335, 48-49=-252/335, 47-48=-252/335, 46-47=-252/335, 45-46=-252/335, 44-45=-252/335, 43-44=-252/335, 42-43=-252/335, 41-42=-252/335, 40-41=-252/335, 39-40=-252/335, 38-39=-252/335, 37-38=-252/335, 36-37=-252/335, 35-36=-252/335, 34-35=-252/335, 33-34=-252/335, 31-33=-251/334

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 1-4-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 46, 47, 48, 49, 51, 52, 53, 54, 55, 56, 57, 58, 44, 43, 42, 40, 39, 38, 37, 36, 35, 34, 33, 31.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

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Job	Truss	Truss Type	Qty	Ply	
932704	T42	Common	1	1	T10033763
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:45 2016 Page 1

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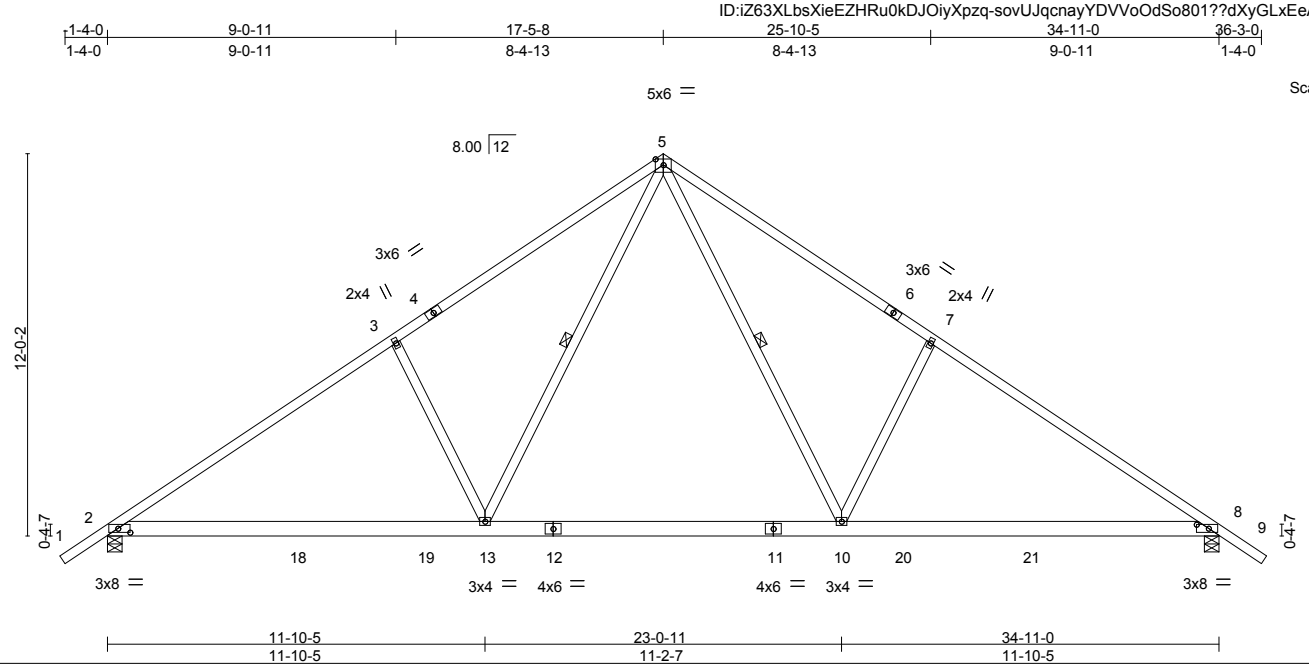

Plate Offsets (X,Y)-- [2:0-4-9,0-1-8], [6:0-0-0,0-0-0], [8:0-4-9,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	-0.18	13-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(TL)	-0.36	13-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.06	8	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 205 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP M 31
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.2 *Except* 7-10,3-13: 2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-4-8 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 9-2-14 oc bracing.
WEBS	1 Row at midpt 5-10, 5-13

REACTIONS. (lb/size) 2=1194/0-5-8, 8=1194/0-5-8
Max Horz 2=-336(LC 10)
Max Uplift 2=-327(LC 12), 8=-327(LC 13)
Max Grav 2=1327(LC 19), 8=1327(LC 20)

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

TOP CHORD	2-3=-1857/907, 3-4=-1724/980, 4-5=-1618/1015, 5-6=-1618/1015, 6-7=-1722/980, 7-8=-1855/907
BOT CHORD	2-18=-550/1687, 18-19=-550/1687, 13-19=-550/1687, 12-13=-147/1074, 11-12=-147/1074, 10-11=-147/1074, 10-20=-554/1465, 20-21=-554/1465, 8-21=-554/1465
WEBS	5-10=-447/906, 7-10=-586/491, 5-13=-447/907, 3-13=-586/491

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 = 5.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=327, 8=327.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	T43	ROOF SPECIAL	2	1	T10033764

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:46 2016 Page 1

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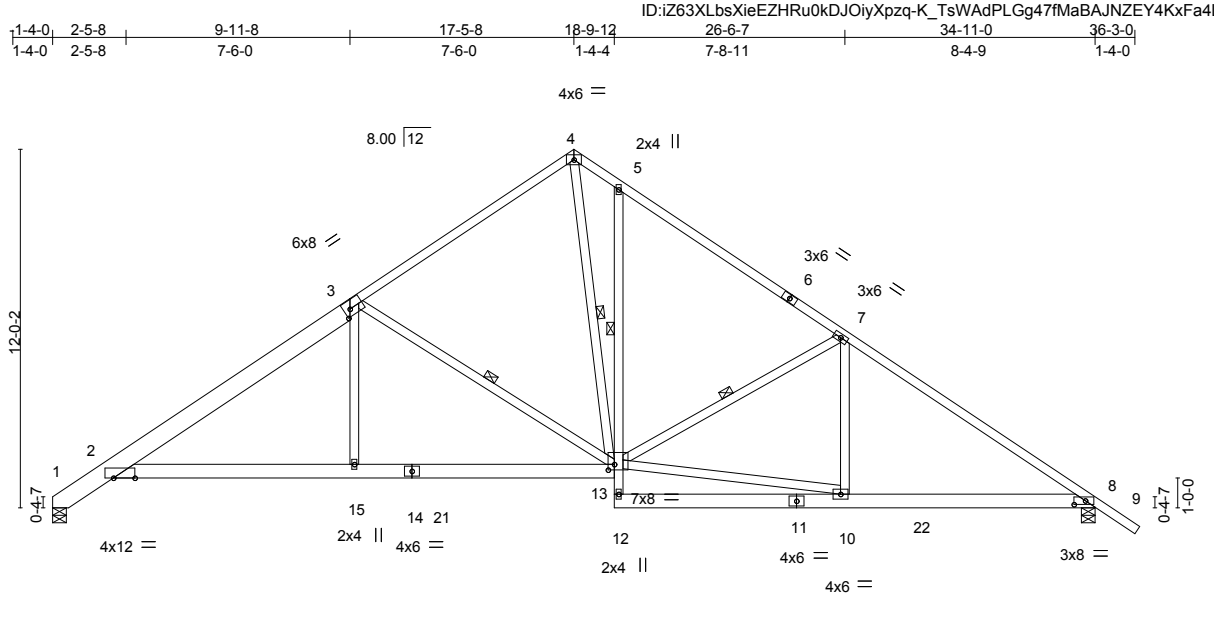

Plate Offsets (X,Y)-- [2:0-8-10,0-0-0], [3:0-2-8,0-2-12], [8:0-4-9,0-1-8], [13:0-2-8,0-2-4]

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	0.74	Vert(LL)	-0.20	15-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.78	Vert(TL)	-0.40	15-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(TL)	0.21	8	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 246 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
1-3: 2x8 SP 2400F 2.0E
BOT CHORD 2x6 SP No.2 *Except*
5-12: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-6-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-8-13 oc bracing. Except:
1 Row at midpt 5-13
WEBS 1 Row at midpt 3-13, 4-13, 7-13

REACTIONS. (lb/size) 1=1123/0-5-8, 8=1185/0-5-8
Max Horz 1=-328(LC 10)
Max Uplift 1=-289(LC 12), 8=-325(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-756/404, 2-3=-1786/946, 3-4=-1222/744, 4-5=-1506/979, 5-6=-1356/818, 6-7=-1388/786, 7-8=-1708/919
BOT CHORD 2-15=-580/1689, 14-15=-581/1697, 14-21=-581/1697, 13-21=-581/1697, 5-13=-331/290, 10-22=-569/1333, 8-22=-569/1333
WEBS 3-15=-14/353, 3-13=-908/569, 4-13=-813/1308, 10-13=-523/1229, 7-13=-569/408

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 = 5.0psf.
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=289, 8=325.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	T43A	ROOF SPECIAL	5	1	T10033765
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:46 2016 Page 1

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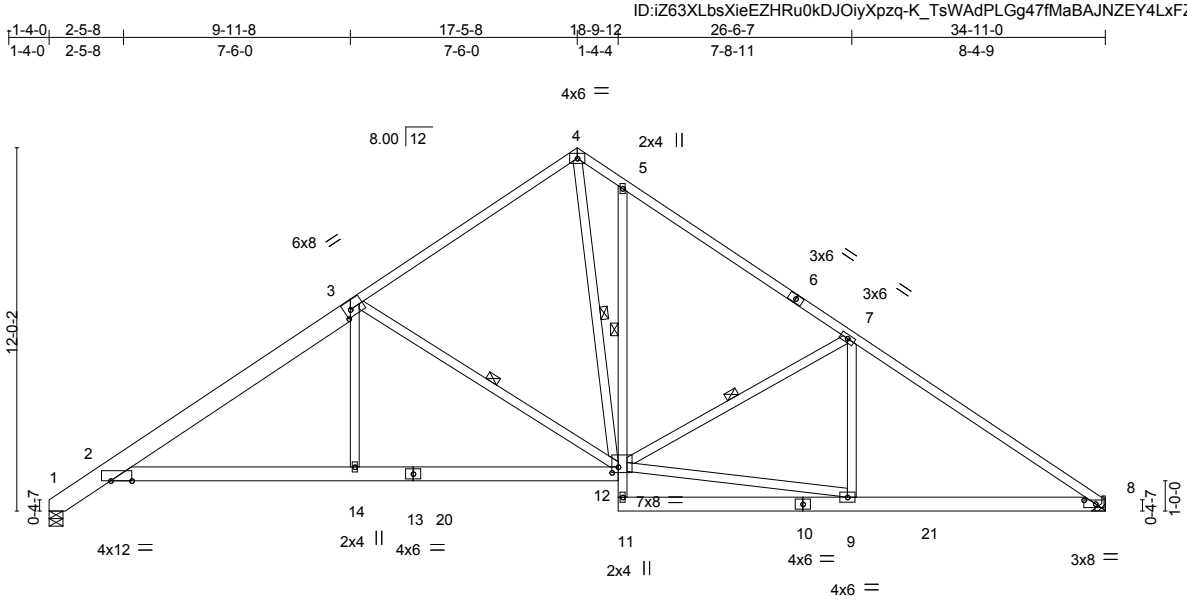

Plate Offsets (X,Y)-- [2:0-8-6,0-0-0], [3:0-2-8,0-2-12], [8:0-4-9,0-1-8], [12:0-2-8,0-2-4]

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	0.73	Vert(LL)	-0.20	14-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.78	Vert(TL)	-0.40	14-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(TL)	0.21	8	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 244 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
1-3: 2x8 SP 2400F 2.0E
BOT CHORD 2x6 SP No.2 *Except*
5-11: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-7-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-4-8 oc bracing. Except:
1 Row at midpt 5-12
WEBS 1 Row at midpt 3-12, 4-12, 7-12

REACTIONS. (lb/size) 1=1125/0-5-8, 8=1107/Mechanical
Max Horz 1=312(LC 9)
Max Uplift 1=-289(LC 12), 8=-296(LC 13)
Max Grav 1=1125(LC 1), 8=1108(LC 20)

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

TOP CHORD 1-2=-752/346, 2-3=-1789/956, 3-4=-1217/751, 4-5=-1500/987, 5-6=-1350/826, 6-7=-1382/794, 7-8=-1719/929
BOT CHORD 2-14=-630/1675, 13-14=-630/1683, 13-20=-630/1683, 12-20=-630/1683, 5-12=-329/288, 9-21=-618/1342, 8-21=-618/1342
WEBS 3-14=-16/353, 3-12=-906/574, 4-12=-821/1302, 9-12=-569/1240, 7-12=-567/412

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 = 5.0psf.
5) Refer to girder(s) for truss to truss connections.
6) 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=289, 8=296.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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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Job	Truss	Truss Type	Qty	Ply	
932704	T44	Common	4	1	T10033766
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:47 2016 Page 1

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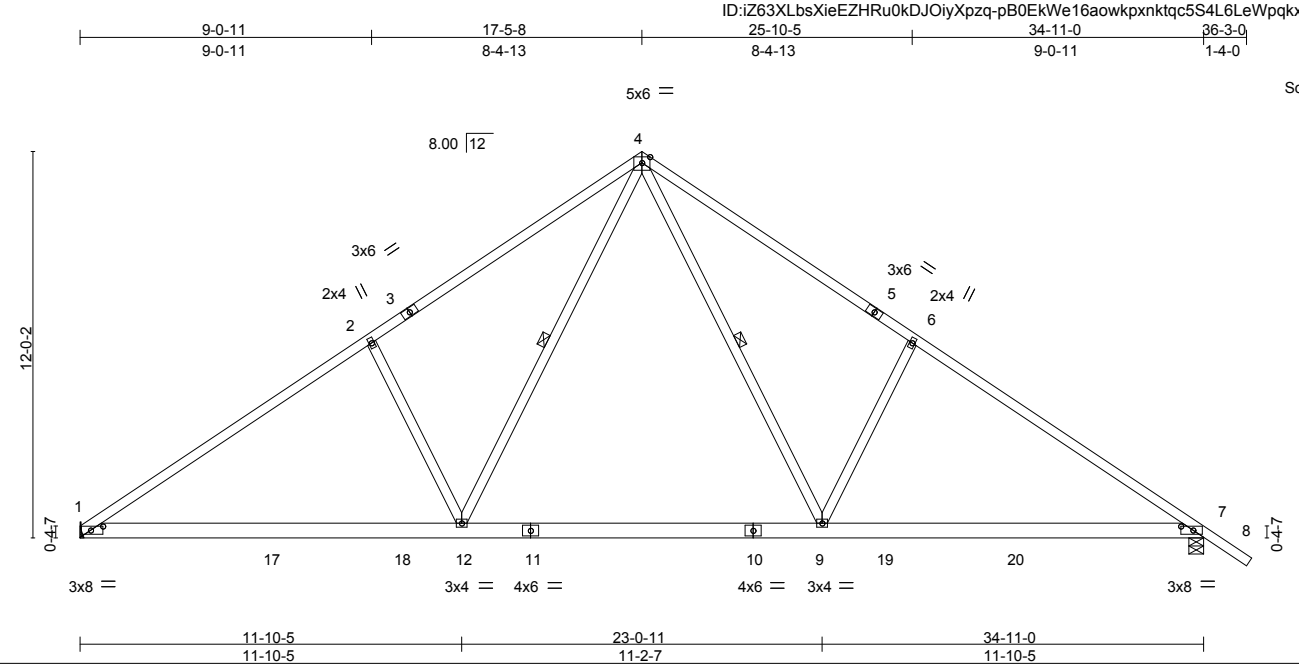

Plate Offsets (X,Y)-- [1:0-4-9,0-1-8], [5:0-0-0,0-0-0], [7:0-4-9,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	-0.18	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(TL)	-0.38	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.06	7	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 203 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP M 31
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.2 *Except* 6-9,2-12: 2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-4-4 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 9-0-13 oc bracing.
WEBS	1 Row at midpt 4-9, 4-12

REACTIONS. (lb/size) 1=1116/Mechanical, 7=1195/0-5-8
Max Horz 1=-328(LC 10)
Max Uplift 1=-298(LC 12), 7=-328(LC 13)
Max Grav 1=1254(LC 19), 7=1327(LC 20)

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

TOP CHORD	1-2=-1864/917, 2-3=-1731/989, 3-4=-1618/1025, 4-5=-1621/1020, 5-6=-1723/984, 6-7=-1856/912
BOT CHORD	1-17=-563/1694, 17-18=-563/1694, 12-18=-563/1694, 11-12=-152/1077, 10-11=-152/1077, 9-10=-152/1077, 9-19=-558/1467, 19-20=-558/1467, 7-20=-558/1467
WEBS	4-9=-444/905, 6-9=-587/491, 4-12=-455/915, 2-12=-585/493

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 = 5.0psf.
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=298, 7=328.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	T45	Common	5	1	T10033767
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:48 2016 Page 1

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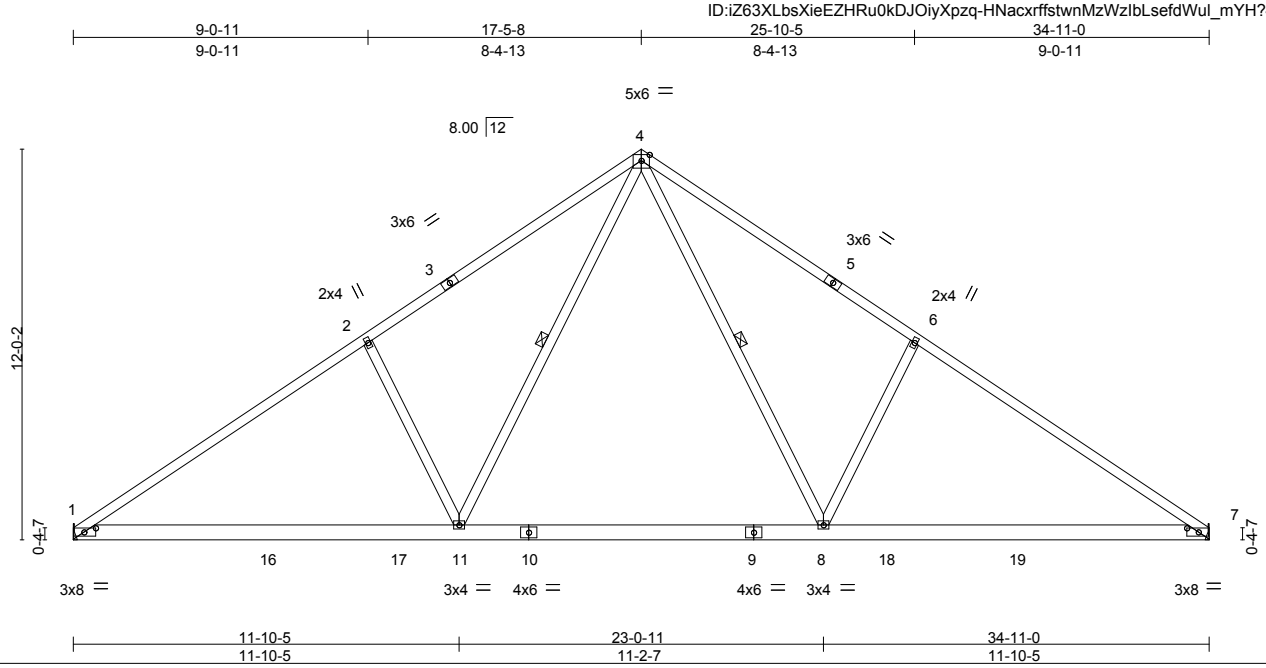

Plate Offsets (X,Y)-- [1:0-4-5,0-1-8], [5:0-0-0,0-0-0], [7:0-4-5,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	-0.19	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(TL)	-0.38	11-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.06	7	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 200 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP M 31
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.2 *Except*
6-8,2-11: 2x4 SP No.3

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

REACTIONS. (lb/size) 1=1117/Mechanical, 7=1117/Mechanical
Max Horz 1=311(LC 9)
Max Uplift 1=-298(LC 12), 7=-298(LC 13)
Max Grav 1=1254(LC 19), 7=1254(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1865/919, 2-3=-1732/992, 3-4=-1616/1027, 4-5=-1616/1027, 5-6=-1731/992, 6-7=-1864/919
BOT CHORD 1-16=-604/1682, 16-17=-604/1682, 11-17=-604/1682, 10-11=-194/1065, 9-10=-194/1065, 8-9=-194/1065, 8-18=-604/1458, 18-19=-604/1458, 7-19=-604/1458
WEBS 4-8=-452/913, 6-8=-585/493, 4-11=-452/915, 2-11=-585/494

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 = 5.0psf.
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=298, 7=298.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T46	GABLE	1	1	T10033768
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:49 2016 Page 1

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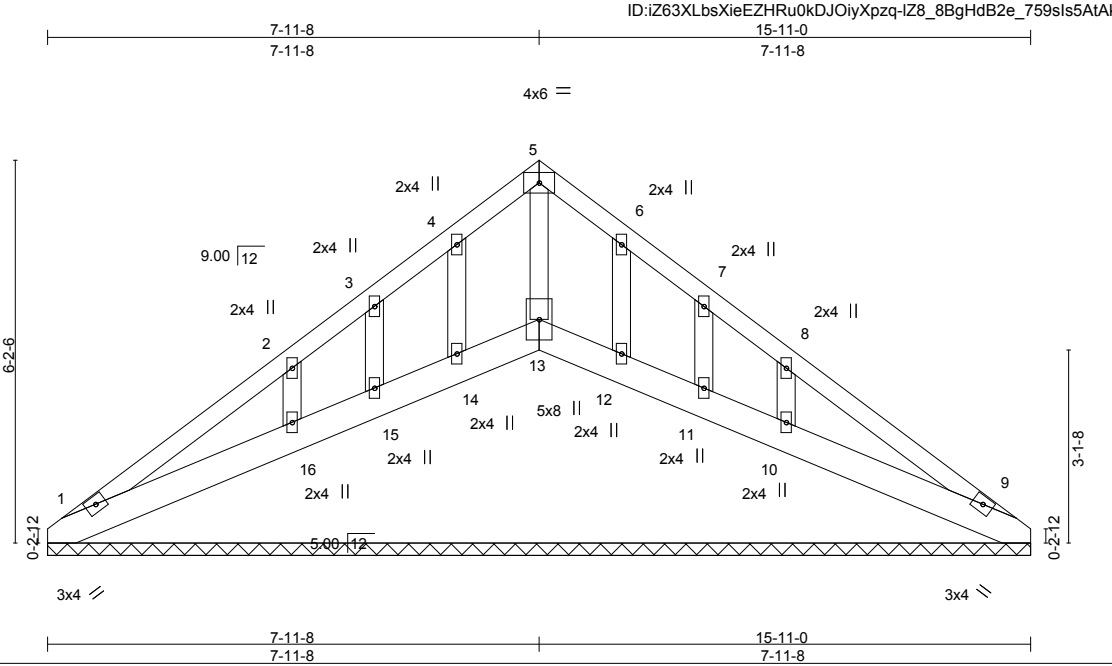

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.00	9	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 86 lb	FT = 20%

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

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

REACTIONS. All bearings 15-11-0.
(lb) - Max Horz 1=-194(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 9, 13, 15, 11 except 14=-104(LC 12), 16=-266(LC 12), 12=-101(LC 13), 10=-265(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 9, 14, 15, 12, 11 except 13=284(LC 13), 16=298(LC 19), 10=297(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-16=-276/259, 8-10=-276/258

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 1-4-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9, 13, 15, 11 except (jt=lb) 14=104, 16=266, 12=101, 10=265.
9) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 13, 14, 15, 16, 12, 11, 10.
10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	T47	Scissor	6	1	T10033769

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:49 2016 Page 1

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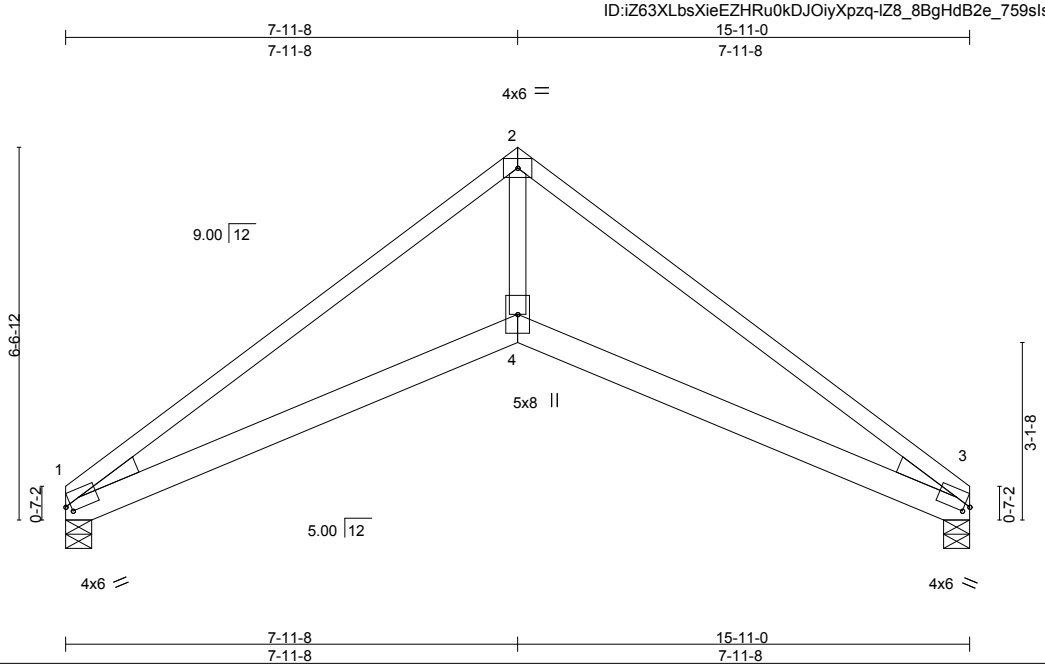

Plate Offsets (X,Y)-- [1:0-1-2,0-1-6], [3:0-1-2,0-1-6]

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	0.65	Vert(LL)	0.06	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.31	Vert(TL)	-0.10	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.28	Horz(TL)	0.06	3	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 78 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3, Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=509/0-5-8, 3=509/0-5-8
Max Horz 1=159(LC 9)
Max Uplift 1=-131(LC 12), 3=-131(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1058/436, 2-3=-1058/436
BOT CHORD 1-4=-215/847, 3-4=-215/835
WEBS 2-4=-205/735

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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, 3 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=131, 3=131.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	T48	Roof Special	2	1	T10033770

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:50 2016 Page 1

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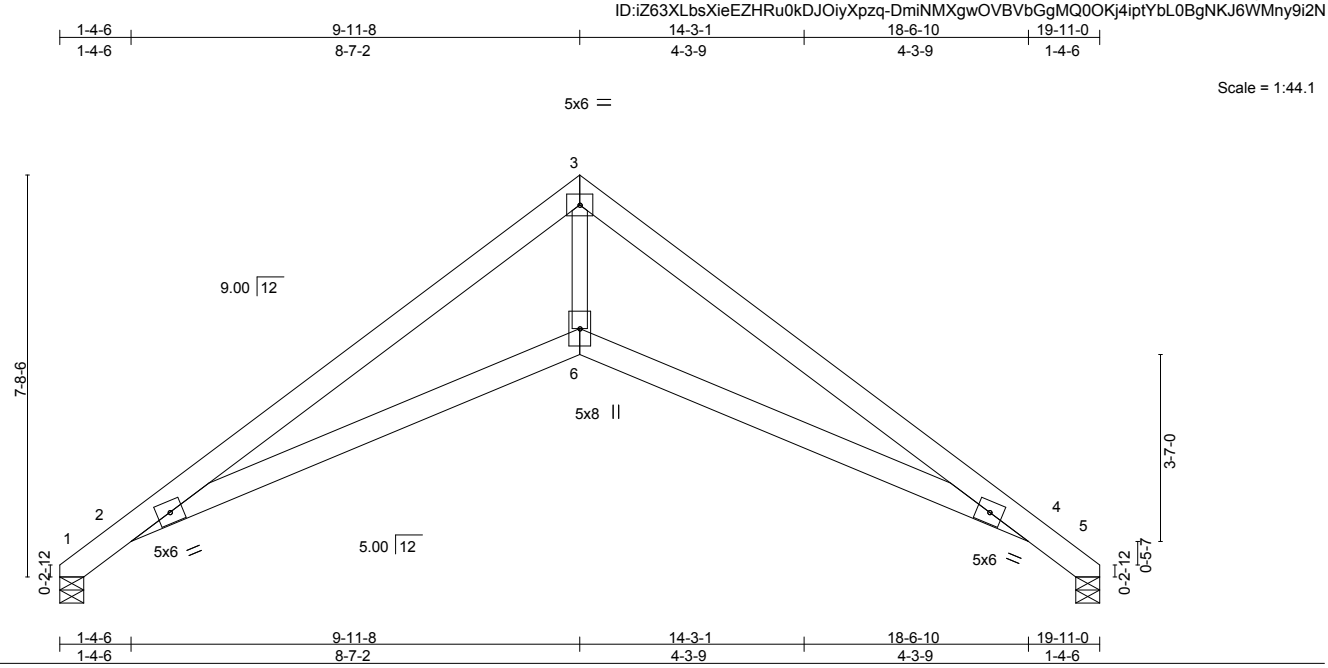

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.21	2-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.86	Vert(TL)	-0.41	2-6	>564	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.47	Horz(TL)	0.38	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 107 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=625/0-5-8, 5=625/0-5-8
Max Horz 1=195(LC 9)
Max Uplift 1=-161(LC 12), 5=-161(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-430/212, 2-3=-1583/580, 3-4=-1583/580, 4-5=-379/212
BOT CHORD 2-6=-313/1370, 4-6=-313/1360
WEBS 3-6=-292/1244

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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, 5 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=161, 5=161.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	T49	GABLE	1	1	T10033771

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:53 2016 Page 1

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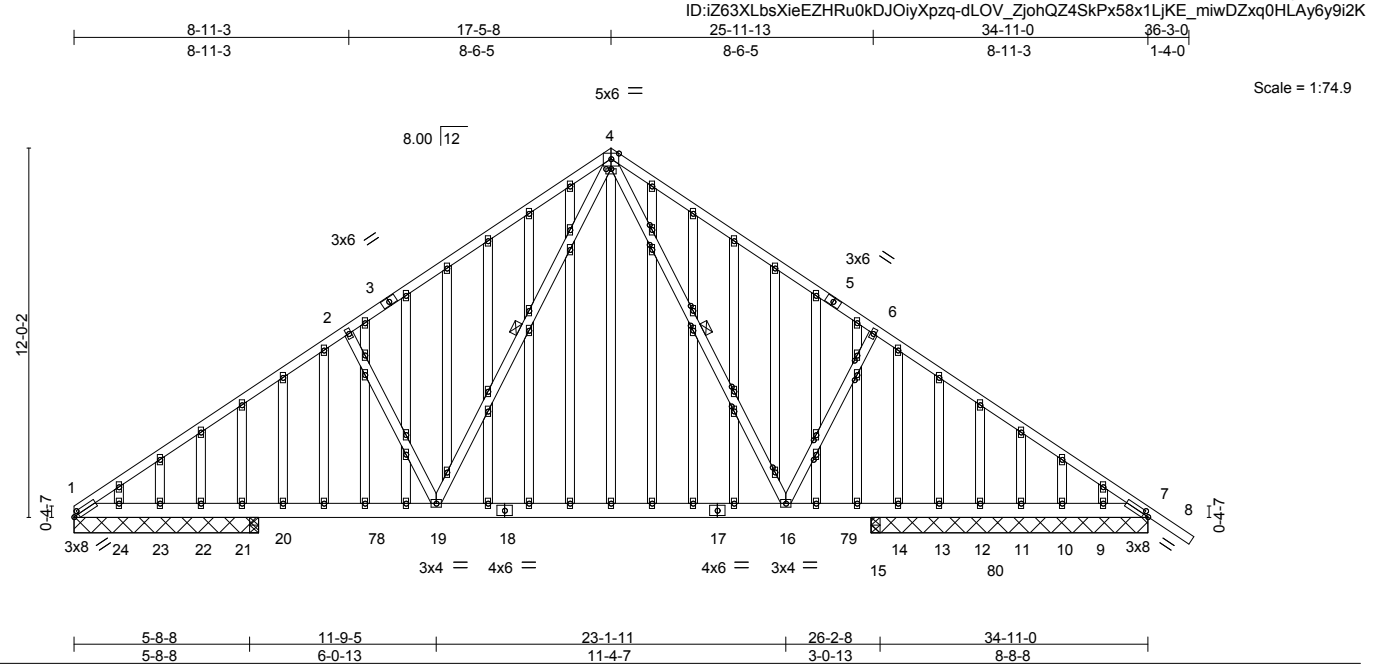

Plate Offsets (X,Y)-- [1:0-2-0,0-1-8], [4:0-2-0,0-0-0], [5:0-0-0,0-0-0], [7:0-2-0,0-1-8], [51:0-0-0,0-0-0], [53:0-1-15,0-1-0], [53:0-1-15,0-1-0], [54:0-0-0,0-0-0], [56:0-1-15,0-1-0], [56:0-1-15,0-1-0], [57:0-0-0,0-0-0], [59:0-1-15,0-1-0], [59:0-1-15,0-1-0], [60:0-1-15,0-1-0], [61:0-0-0,0-0-0], [62:0-0-0,0-0-0], [64:0-1-15,0-1-0], [64:0-1-15,0-1-0] , [65:0-0-0,0-0-0], [67:0-1-15,0-1-0], [67:0-1-15,0-1-0], [68:0-0-0,0-0-0], [69:0-0-0,0-0-0], [70:0-0-0,0-0-0], [71:0-0-0,0-0-0], [72:0-0-0,0-0-0], [73:0-0-0,0-0-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	-0.23	16-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(TL)	-0.39	16-19	>622	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)							Weight: 413 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP M 31 *Except* 1-3,5-8: 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.2 *Except* 6-16,2-19: 2x4 SP No.3
OTHERS 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 9-3-8 oc bracing.
WEBS 1 Row at midpt 4-16, 4-19

REACTIONS. All bearings 9-0-0 except (jt=length) 1=6-0-0, 21=6-0-0, 22=6-0-0, 23=6-0-0, 24=6-0-0, 20=0-3-8, 15=0-3-8.
(lb) - Max Horz 1=-409(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 22, 13, 12, 11 except 1=-162(LC 13), 21=-533(LC 19), 23=-152(LC 19), 24=-554(LC 12), 14=-812(LC 1), 10=-122(LC 20), 9=-475(LC 13), 7=-162(LC 12), 20=-244(LC 12), 15=-506(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 22, 23, 13, 12, 11, 10 except 1=687(LC 20), 21=260(LC 12), 24=625(LC 19), 14=441(LC 13), 9=539(LC 20), 7=679(LC 19), 20=607(LC 19), 15=927(LC 1)

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

TOP CHORD 1-2=-1520/758, 2-3=-1381/821, 3-4=-1293/857, 4-5=-1176/783, 5-6=-1276/747, 6-7=-1414/683
BOT CHORD 1-24=-566/1447, 23-24=-566/1447, 22-23=-566/1447, 21-22=-566/1447, 20-21=-566/1447, 20-78=-566/1447, 19-78=-566/1447, 18-19=-157/898, 17-18=-157/898, 16-17=-157/898, 16-79=-359/1111, 15-79=-359/1111, 14-15=-359/1111, 13-14=-359/1111, 13-80=-359/1111, 12-80=-359/1111, 11-12=-359/1111, 10-11=-359/1111, 9-10=-359/1111, 7-9=-359/1111
WEBS 4-16=-310/562, 6-16=-540/506, 4-19=-421/762, 2-19=-540/506

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=25ft; 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 studs spaced at 1-4-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.

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NOTES- (10)

8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 22, 13, 12, 11 except (jt=lb) 1=162, 21=533, 23=152, 24=554, 14=812, 10=122, 9=475, 7=162, 20=244, 15=506.

9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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.

Job	Truss	Truss Type	Qty	Ply	
932704	TF01	HALF HIP GIRDER	2	2	T10033772

Builders FirstSource, Jacksonville, Fl 32244 — Job Reference (optional)

7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:54 2016 Page 1

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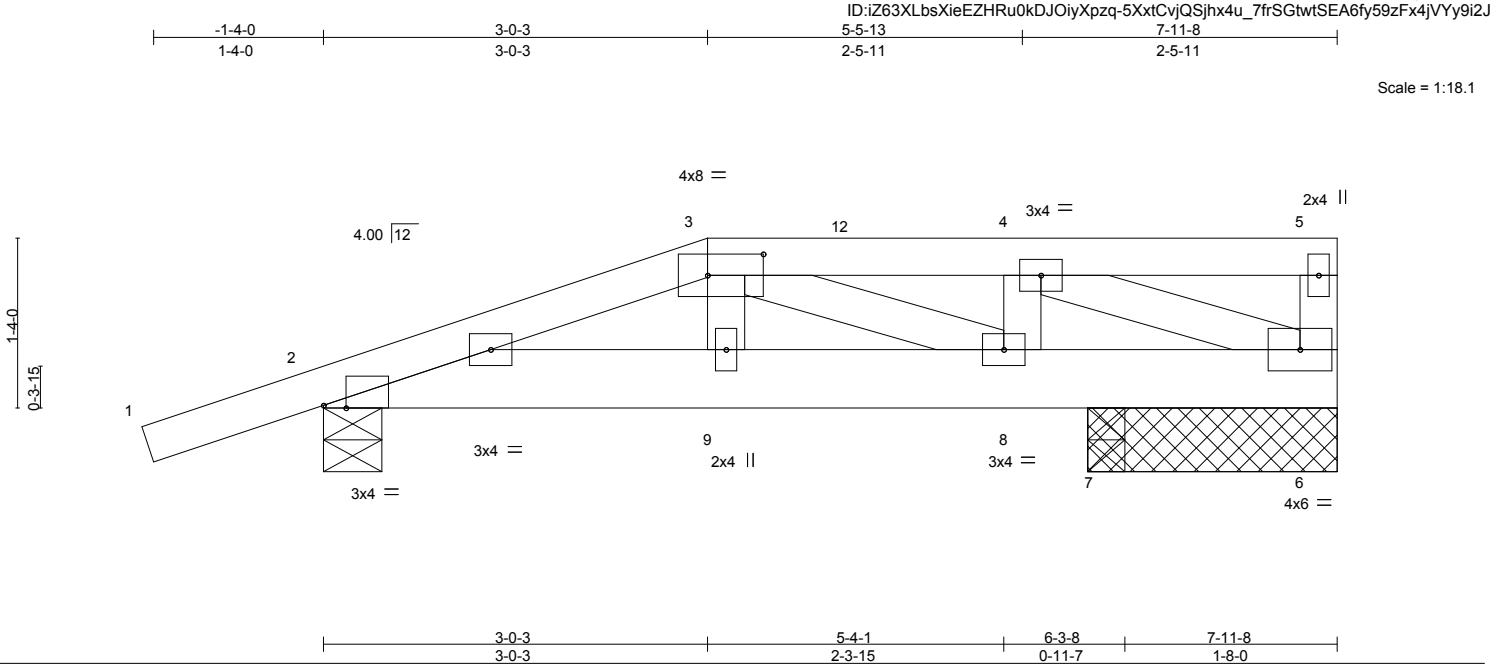

Plate Offsets (X,Y)-- [2:0-2-2,Edge], [3:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.68	Vert(LL)	-0.01	9	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.32	Vert(TL)	-0.02	9	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.12	Horz(TL)	0.00	6	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)		Wind(LL)	0.02	9	>999	240	Weight: 84 lb	FT = 20%

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

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

REACTIONS. (lb/size) 2=697/0-5-8, 6=-195/1-11-8, 7=1376/0-3-8
Max Horz 2=63(LC 8)
Max Uplift 2=-196(LC 8), 6=-195(LC 1), 7=-169(LC 8)
Max Grav 2=697(LC 1), 6=5(LC 9), 7=1376(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1191/884
BOT CHORD 2-9=-871/1128, 8-9=-902/1133
WEBS 3-8=-971/800, 4-8=-702/361, 4-6=-349/237

NOTES- (13)
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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
5) 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.
6) Provide adequate drainage to prevent water ponding.
7) Gable studs spaced at 1-4-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=196, 6=195, 7=169.
11) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 880 lb down and 420 lb up at 4-2-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
13) 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

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Tampa, FL 36610

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 1-3=-100, 3-5=-100, 2-6=-10

Concentrated Loads (lb)

Vert: 12=-880

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Job	Truss	Truss Type	Qty	Ply	
932704	TF02	HALF HIP	3	1	T10033773

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:54 2016 Page 1

ID:iZ63XLbsXieEZHRu0kDJOiyXpzq-5XxtCvjQSjhx4u_7frSGtwtS0A?Uy_pzFx4jVYy9i2J

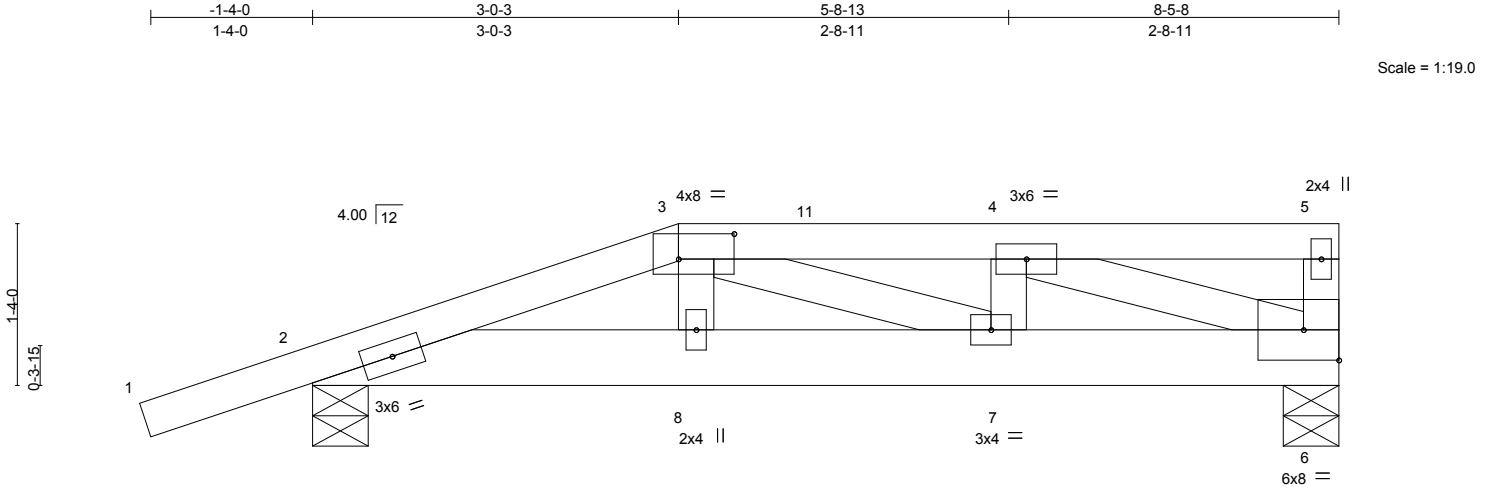

Plate Offsets (X,Y)-- [3:0-5-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.69	Vert(LL)	-0.05	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.71	Vert(TL)	-0.10	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.53	Horz(TL)	0.02	6	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)		Wind(LL)	0.07	7-8	>999	240	Weight: 44 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
3-5: 2x4 SP M 31
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-7-4 oc bracing.

REACTIONS. (lb/size) 2=1045/0-5-8, 6=887/0-5-8
Max Horz 2=63(LC 8)
Max Uplift 2=-248(LC 8), 6=-178(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2287/1688, 3-11=-2012/1499, 4-11=-2012/1499
BOT CHORD 2-8=-1634/2168, 7-8=-1661/2168, 6-7=-1499/2012
WEBS 4-6=-2031/1496

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) 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=248, 6=178.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 880 lb down and 410 lb up at 4-2-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
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=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-3=-100, 3-5=-100, 2-6=-10
Concentrated Loads (lb)
Vert: 11=-880

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Job	Truss	Truss Type	Qty	Ply	
932704	TF03	MONOPITCH	3	1	T10033774

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:55 2016 Page 1

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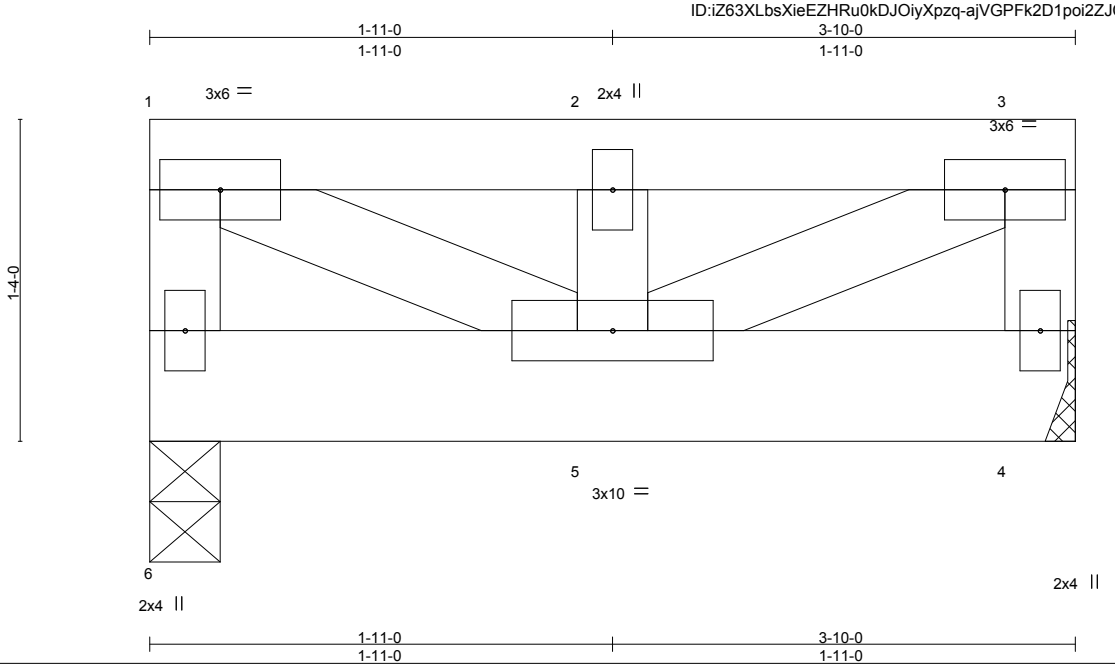

Scale = 1:9.5

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.14	Vert(LL)	-0.01	5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.22	Vert(TL)	-0.01	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.42	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)		Wind(LL)	0.01	5	>999	240	Weight: 22 lb	FT = 20%

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

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

REACTIONS. (lb/size) 6=627/0-3-8, 4=627/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-6=-515/170, 1-2=-776/208, 2-3=-776/208, 3-4=-515/170
WEBS 1-5=-237/882, 2-5=-1028/296, 3-5=-237/882

NOTES- (8)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) 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) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 865 lb down and 147 lb up at 2-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
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=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-3=-100, 4-6=-10
Concentrated Loads (lb)
Vert: 2=-865

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Job	Truss	Truss Type	Qty	Ply	
932704	TF04	FLAT	3	1	T10033775

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:55 2016 Page 1

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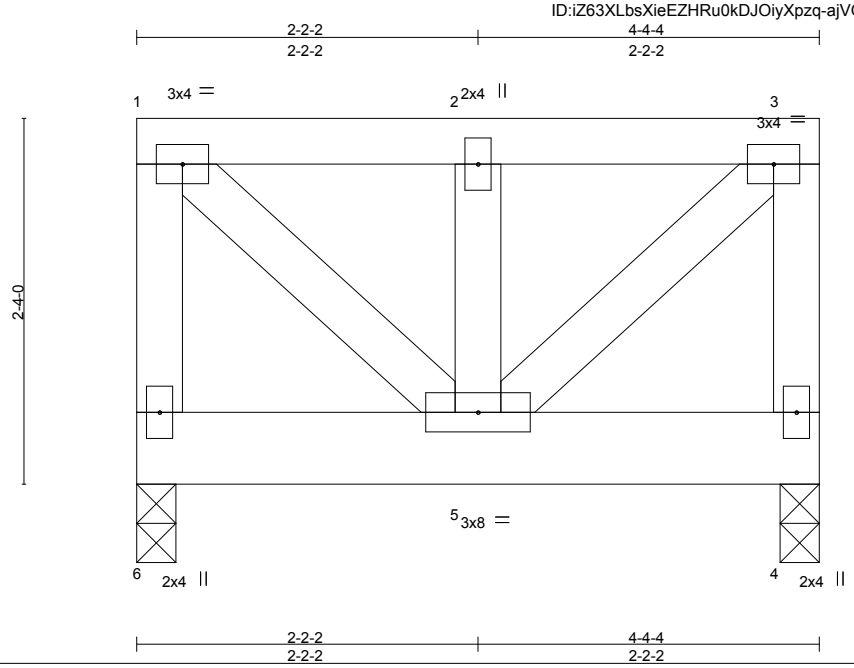

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.14	Vert(LL)	-0.01	5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.13	Vert(TL)	-0.01	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.34	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)		Wind(LL)	0.00	5	>999	240	Weight: 31 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 6=656/0-3-0, 4=656/0-3-0

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-6=-594/201, 1-2=-520/145, 2-3=-520/145, 3-4=-594/201
WEBS 1-5=-201/722, 2-5=-1086/326, 3-5=-201/722

NOTES- (7)

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) 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) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 865 lb down and 147 lb up at 2-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
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=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-3=-100, 4-6=-10
Concentrated Loads (lb)
Vert: 2=-865

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Job	Truss	Truss Type	Qty	Ply	
932704	TG01	FLAT GIRDER	1	2	T10033776

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:56 2016 Page 1

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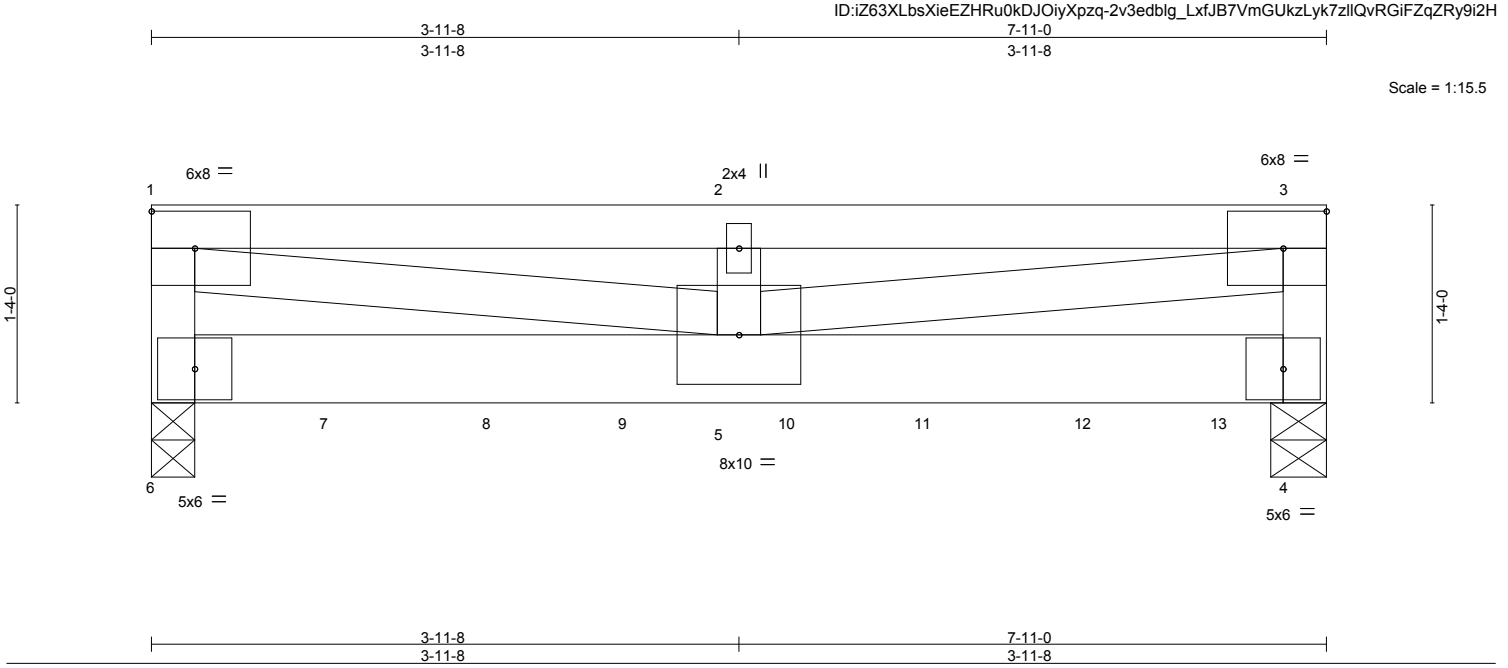

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.91	Vert(LL)	-0.11	5	>851	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.41	Vert(TL)	-0.17	5	>523	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.45	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)		Wind(LL)	0.06	5	>999	240	Weight: 87 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP M 31
BOT CHORD 2x6 SP M 26
WEBS 2x4 SP No.2 *Except*
1-5,3-5: 2x4 SP M 31, 2-5: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-10-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 6=3629/0-3-8, 4=4681/0-4-8
Max Uplift 6=-765(LC 4), 4=-1001(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-6=-2901/625, 1-2=-8356/1802, 2-3=-8356/1802, 3-4=-2861/615
BOT CHORD 6-7=-206/966, 7-8=-206/966, 8-9=-206/966, 5-9=-206/966, 5-10=-245/1134, 10-11=-245/1134, 11-12=-245/1134, 12-13=-245/1134, 4-13=-245/1134
WEBS 1-5=-1647/7621, 2-5=-2029/487, 3-5=-1606/7447

NOTES- (11)

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-6-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 6, 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=765, 4=1001.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 357 lb down at 1-3-12, 449 lb down and 136 lb up at 2-4-12, 449 lb down and 136 lb up at 4-4-12, 449 lb down and 136 lb up at 6-4-12, 896 lb down and 178 lb up at 3-3-12, and 896 lb down and 178 lb up at 5-3-12, and 896 lb down and 178 lb up at 7-3-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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

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Tampa, FL 36610

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 1-3=-540, 4-6=-10

Concentrated Loads (lb)

Vert: 7=-82(F) 8=-449(B) 9=-896(F) 10=-449(B) 11=-896(F) 12=-449(B) 13=-896(F)

Job	Truss	Truss Type	Qty	Ply	
932704	TG02	FLAT GIRDER	1	2	T10033777

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:57 2016 Page 1

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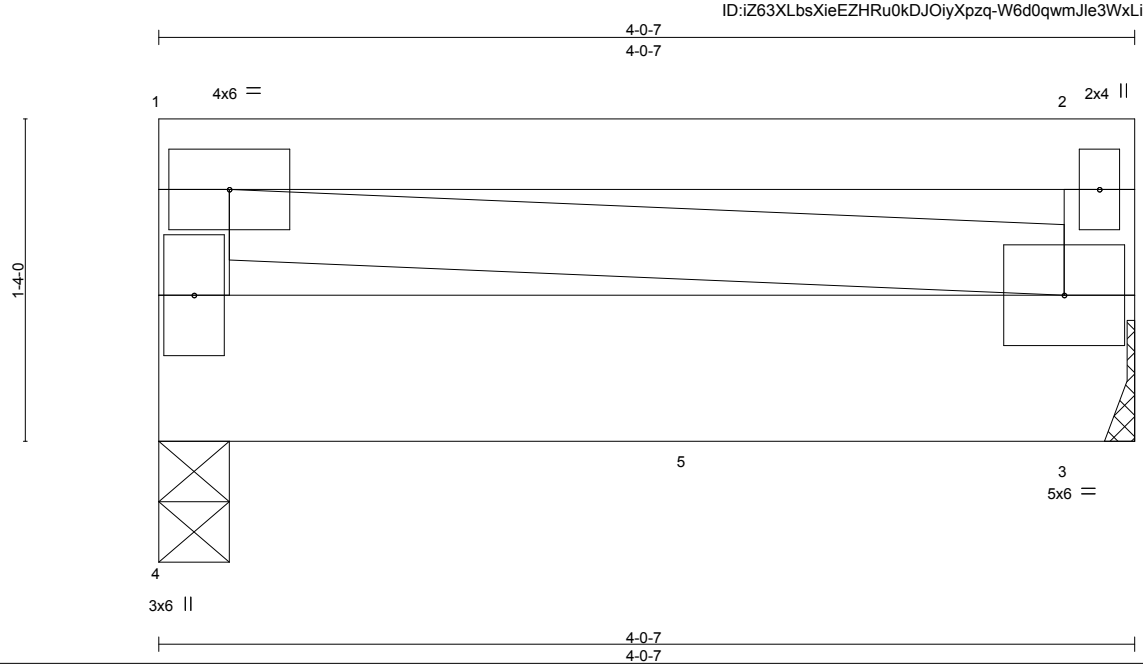

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.29	Vert(LL)	-0.01	3-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.15	Vert(TL)	-0.01	3-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)		Wind(LL)	0.00	3-4	>999	240	Weight: 50 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-0-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=1718/0-3-8, 3=822/Mechanical
Max Uplift 4=-342(LC 4), 3=-164(LC 4)

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

NOTES- (11)

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=342, 3=164.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1064 lb down and 212 lb up at 2-3-12, and 1064 lb down and 212 lb up at 0-1-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-100, 3-4=-10
   Concentrated Loads (lb)
   Vert: 4=-1064(B) 5=-1064(B)

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	TG03	ROOF SPECIAL GIRDER	1	2	T10033778

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:58 2016 Page 1

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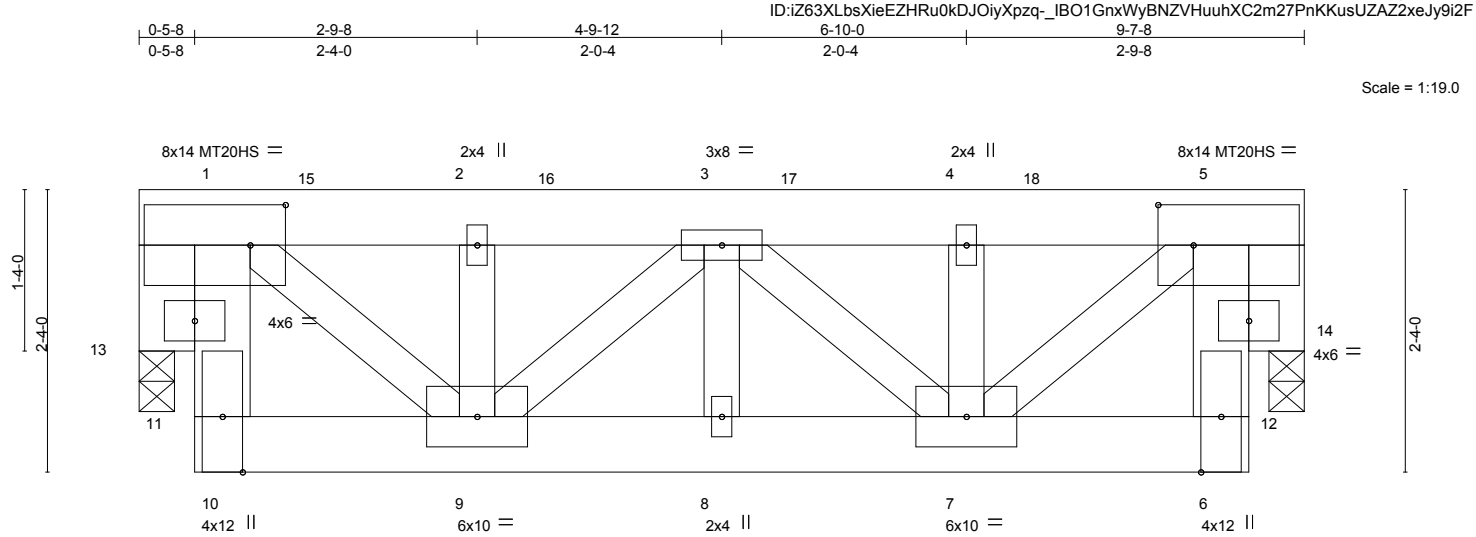

Plate Offsets (X,Y)-- [1:0-3-8,0-4-0], [5:0-3-8,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.73	Vert(LL)	-0.04	8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.85	Vert(TL)	-0.07	8	>999	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.29	Horz(TL)	0.02	14	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)		Wind(LL)	0.01	8	>999	240	Weight: 146 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP M 31 *Except* 5-6,1-10: 2x6 SP No.2
OTHERS	2x6 SP M 26

BRACING-

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

REACTIONS. (lb/size) 13=3672/0-3-8, 14=4213/0-3-8
Max Uplift 13=-606(LC 4), 14=-680(LC 4)
Max Grav 13=4481(LC 2), 14=5328(LC 2)

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

TOP CHORD	10-11=-37/322, 1-11=-37/322, 1-15=-5010/688, 2-15=-5010/688, 2-16=-5010/688, 3-16=-5010/688, 3-17=-5448/781, 4-17=-5448/781, 4-18=-5448/781, 5-18=-5448/781, 6-12=-46/1387, 5-12=-46/1387
BOT CHORD	9-10=-213/1589, 8-9=-901/6435, 7-8=-901/6435, 6-7=-239/1820
WEBS	2-9=-2086/293, 3-9=-1943/291, 3-7=-1347/293, 4-7=-2068/306, 5-7=-726/4859, 1-9=-636/4582

NOTES- (12)

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x6 - 2 rows staggered at 0-7-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Bearing at joint(s) 13, 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=606, 14=680.
10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1113 lb down at 1-5-12, 1113 lb down at 3-5-12, and 1113 lb down at 5-5-12, and 1113 lb down at 7-5-12 on top chord, and 812 lb down and 174 lb up at 6-11-15, and 1134 lb down at 9-5-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

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12) 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=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 1-5=-670, 6-10=-10

Concentrated Loads (lb)

Vert: 6=-308(B) 7=-812(F) 15=-289(B) 16=-289(B) 17=-289(B) 18=-289(B)

Job	Truss	Truss Type	Qty	Ply	
932704	TG04	FLAT GIRDER	1	3	T10033779

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:15:59 2016 Page 1

ID:iZ63XLbsXieEZHRu0kDJOiyXpzq-SUlmFcnZHFJEAfs4RO2Ra_aIuBhIdG0iODoUAmy9i2E

2-4-4	4-6-11	6-9-2	8-11-10	11-2-2	13-4-9	15-7-1	17-11-4
2-4-4	2-2-8	2-2-8	2-2-8	2-2-8	2-2-8	2-2-8	2-4-4

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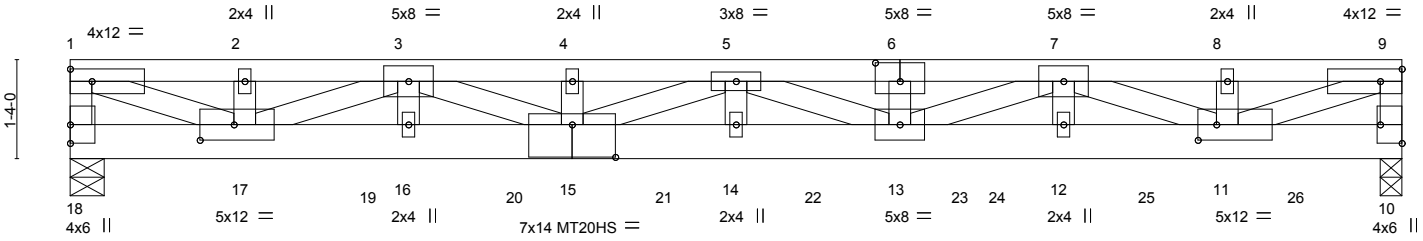

2-5-9	4-6-11	6-9-2	8-11-10	11-2-2	13-4-9	15-5-12	17-11-4
2-5-9	2-1-3	2-2-8	2-2-8	2-2-8	2-2-8	2-1-3	2-5-9

Plate Offsets (X,Y)-- [6:0-4-0,0-3-0], [10:Edge,0-3-8], [11:0-3-0,0-2-8], [15:0-7-0,0-5-4], [17:0-5-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.75	Vert(LL)	-0.32	14	>657	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.80	Vert(TL)	-0.73	14	>292	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.46	Horz(TL)	0.08	10	n/a	n/a		
BCDL	5.0	Code FBC2014/TPI2007		(Matrix-M)		Wind(LL)	0.29	14	>735	240	Weight: 301 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP M 31
BOT CHORD 2x6 SP M 26
WEBS 2x4 SP No.3 *Except*
1-17,3-17,3-15,5-15,5-13,7-13,7-11,9-11: 2x4 SP M 31

BRACING-

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

REACTIONS. (lb/size) 18=5134/0-5-8, 10=6199/0-3-8
Max Uplift 18=-944(LC 4)
Max Grav 18=5445(LC 29), 10=6199(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-18=-4860/846, 1-2=-10381/2079, 2-3=-10381/2079, 3-4=-22328/3823, 4-5=-22330/3822, 5-6=-22728/2335, 6-7=-22731/2335, 7-8=-11373/88, 8-9=-11373/88, 9-10=-5342/0
BOT CHORD 17-18=-89/580, 17-19=-3553/18855, 16-19=-3553/18855, 16-20=-3553/18855, 15-20=-3553/18855, 15-21=-3551/24850, 14-21=-3551/24850, 14-22=-3551/24850, 13-22=-3551/24850, 13-23=-1028/20016, 23-24=-1028/20016, 12-24=-1028/20016, 12-25=-1028/20016, 11-25=-1028/20016, 11-26=0/672, 10-26=0/672
WEBS 1-17=-2169/10687, 2-17=-958/0, 3-17=-9239/1608, 3-16=-629/1075, 3-15=-294/3985, 4-15=-873/0, 5-15=-3412/0, 5-14=-522/1051, 5-13=-2785/1326, 6-13=-860/0, 7-13=-1424/3587, 7-12=0/1329, 7-11=-9423/1026, 8-11=-907/0, 9-11=-117/11668

NOTES- (12)

1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=944.
9) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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NOTES- (12)

11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 511 lb down and 490 lb up at 2-0-12, 511 lb down and 490 lb up at 4-0-12, 511 lb down and 490 lb up at 6-0-12, 511 lb down and 490 lb up at 8-0-12, 188 lb down and 322 lb up at 10-0-12, 188 lb down and 322 lb up at 12-0-12, 617 lb down at 12-6-12, and 617 lb down at 14-6-12, and 617 lb down at 16-6-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

12) 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=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-9=-495, 10-18=-10
   Concentrated Loads (lb)
   Vert: 17=-91(B) 19=-91(B) 20=-91(B) 21=-91(B) 22=-103(B) 23=-103(B) 24=-617(B) 25=-617(B) 26=-617(B)
2) Dead + 0.75 Roof Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-9=-429, 10-18=-10
   Concentrated Loads (lb)
   Vert: 17=-76(B) 19=-76(B) 20=-76(B) 21=-76(B) 22=-86(B) 23=-86(B) 24=-525(B) 25=-525(B) 26=-525(B)
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-9=-276, 10-18=-30
   Concentrated Loads (lb)
   Vert: 17=-47(B) 19=-47(B) 20=-47(B) 21=-47(B) 22=-48(B) 23=-48(B) 24=-321(B) 25=-321(B) 26=-321(B)
4) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-9=-61, 10-18=-6
   Concentrated Loads (lb)
   Vert: 17=486(B) 19=486(B) 20=486(B) 21=486(B) 22=318(B) 23=318(B) 24=-180(B) 25=-180(B) 26=-180(B)
5) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-9=-61, 10-18=-6
   Concentrated Loads (lb)
   Vert: 17=486(B) 19=486(B) 20=486(B) 21=486(B) 22=318(B) 23=318(B) 24=-180(B) 25=-180(B) 26=-180(B)
6) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-9=-226, 10-18=-10
   Concentrated Loads (lb)
   Vert: 17=490(B) 19=490(B) 20=490(B) 21=490(B) 22=322(B) 23=322(B) 24=-176(B) 25=-176(B) 26=-176(B)
7) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-9=-226, 10-18=-10
   Concentrated Loads (lb)
   Vert: 17=490(B) 19=490(B) 20=490(B) 21=490(B) 22=322(B) 23=322(B) 24=-176(B) 25=-176(B) 26=-176(B)
8) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-9=-61, 10-18=-6
   Concentrated Loads (lb)
   Vert: 17=486(B) 19=486(B) 20=486(B) 21=486(B) 22=318(B) 23=318(B) 24=-180(B) 25=-180(B) 26=-180(B)
9) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-9=-61, 10-18=-6
   Concentrated Loads (lb)
   Vert: 17=486(B) 19=486(B) 20=486(B) 21=486(B) 22=318(B) 23=318(B) 24=-180(B) 25=-180(B) 26=-180(B)
10) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-9=-61, 10-18=-6
   Concentrated Loads (lb)
   Vert: 17=486(B) 19=486(B) 20=486(B) 21=486(B) 22=318(B) 23=318(B) 24=-180(B) 25=-180(B) 26=-180(B)
11) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-9=-61, 10-18=-6
   Concentrated Loads (lb)
   Vert: 17=486(B) 19=486(B) 20=486(B) 21=486(B) 22=318(B) 23=318(B) 24=-180(B) 25=-180(B) 26=-180(B)
12) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-9=-226, 10-18=-10
   Concentrated Loads (lb)
   Vert: 17=490(B) 19=490(B) 20=490(B) 21=490(B) 22=322(B) 23=322(B) 24=-176(B) 25=-176(B) 26=-176(B)
13) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-9=-226, 10-18=-10
   Concentrated Loads (lb)
   Vert: 17=490(B) 19=490(B) 20=490(B) 21=490(B) 22=322(B) 23=322(B) 24=-176(B) 25=-176(B) 26=-176(B)
14) Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
   Uniform Loads (plf)
   Vert: 1-9=-230, 10-18=-10

LOAD CASE(S) Standard

Concentrated Loads (lb)
Vert: 17=-30(B) 19=-30(B) 20=-30(B) 21=-30(B) 22=-33(B) 23=-33(B) 24=-248(B) 25=-248(B) 26=-248(B)

15) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-426, 10-18=-10
Concentrated Loads (lb)
Vert: 17=330(B) 19=330(B) 20=330(B) 21=330(B) 22=198(B) 23=198(B) 24=-176(B) 25=-176(B) 26=-176(B)

16) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-426, 10-18=-10
Concentrated Loads (lb)
Vert: 17=330(B) 19=330(B) 20=330(B) 21=330(B) 22=198(B) 23=198(B) 24=-176(B) 25=-176(B) 26=-176(B)

17) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-426, 10-18=-10
Concentrated Loads (lb)
Vert: 17=330(B) 19=330(B) 20=330(B) 21=330(B) 22=198(B) 23=198(B) 24=-176(B) 25=-176(B) 26=-176(B)

18) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-426, 10-18=-10
Concentrated Loads (lb)
Vert: 17=330(B) 19=330(B) 20=330(B) 21=330(B) 22=198(B) 23=198(B) 24=-176(B) 25=-176(B) 26=-176(B)

19) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-61, 10-18=-6
Concentrated Loads (lb)
Vert: 17=-511(B) 19=-511(B) 20=-511(B) 21=-511(B) 22=-188(B) 23=-188(B) 24=-249(B) 25=-249(B) 26=-249(B)

20) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-61, 10-18=-6
Concentrated Loads (lb)
Vert: 17=-511(B) 19=-511(B) 20=-511(B) 21=-511(B) 22=-188(B) 23=-188(B) 24=-249(B) 25=-249(B) 26=-249(B)

21) Reversal: Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-226, 10-18=-10
Concentrated Loads (lb)
Vert: 17=-507(B) 19=-507(B) 20=-507(B) 21=-507(B) 22=-184(B) 23=-184(B) 24=-245(B) 25=-245(B) 26=-245(B)

22) Reversal: Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-226, 10-18=-10
Concentrated Loads (lb)
Vert: 17=-507(B) 19=-507(B) 20=-507(B) 21=-507(B) 22=-184(B) 23=-184(B) 24=-245(B) 25=-245(B) 26=-245(B)

23) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-61, 10-18=-6
Concentrated Loads (lb)
Vert: 17=-511(B) 19=-511(B) 20=-511(B) 21=-511(B) 22=-188(B) 23=-188(B) 24=-249(B) 25=-249(B) 26=-249(B)

24) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-61, 10-18=-6
Concentrated Loads (lb)
Vert: 17=-511(B) 19=-511(B) 20=-511(B) 21=-511(B) 22=-188(B) 23=-188(B) 24=-249(B) 25=-249(B) 26=-249(B)

25) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-61, 10-18=-6
Concentrated Loads (lb)
Vert: 17=-511(B) 19=-511(B) 20=-511(B) 21=-511(B) 22=-188(B) 23=-188(B) 24=-249(B) 25=-249(B) 26=-249(B)

26) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-61, 10-18=-6
Concentrated Loads (lb)
Vert: 17=-511(B) 19=-511(B) 20=-511(B) 21=-511(B) 22=-188(B) 23=-188(B) 24=-249(B) 25=-249(B) 26=-249(B)

27) Reversal: Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-226, 10-18=-10
Concentrated Loads (lb)
Vert: 17=-507(B) 19=-507(B) 20=-507(B) 21=-507(B) 22=-184(B) 23=-184(B) 24=-245(B) 25=-245(B) 26=-245(B)

28) Reversal: Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-226, 10-18=-10
Concentrated Loads (lb)
Vert: 17=-507(B) 19=-507(B) 20=-507(B) 21=-507(B) 22=-184(B) 23=-184(B) 24=-245(B) 25=-245(B) 26=-245(B)

29) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-9=-426, 10-18=-10

LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 17=-422(B) 19=-422(B) 20=-422(B) 21=-422(B) 22=-186(B) 23=-186(B) 24=-453(B) 25=-453(B) 26=-453(B)

30) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-9=-426, 10-18=-10

Concentrated Loads (lb)

Vert: 17=-422(B) 19=-422(B) 20=-422(B) 21=-422(B) 22=-186(B) 23=-186(B) 24=-453(B) 25=-453(B) 26=-453(B)

31) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-9=-426, 10-18=-10

Concentrated Loads (lb)

Vert: 17=-422(B) 19=-422(B) 20=-422(B) 21=-422(B) 22=-186(B) 23=-186(B) 24=-453(B) 25=-453(B) 26=-453(B)

32) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-9=-426, 10-18=-10

Concentrated Loads (lb)

Vert: 17=-422(B) 19=-422(B) 20=-422(B) 21=-422(B) 22=-186(B) 23=-186(B) 24=-453(B) 25=-453(B) 26=-453(B)

Job	Truss	Truss Type	Qty	Ply	
932704	TG05	FLAT GIRDER	1	2	T10033780

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:16:00 2016 Page 1

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2-2-13	4-3-14	6-4-15	8-6-1	10-7-2	12-8-3	14-11-0
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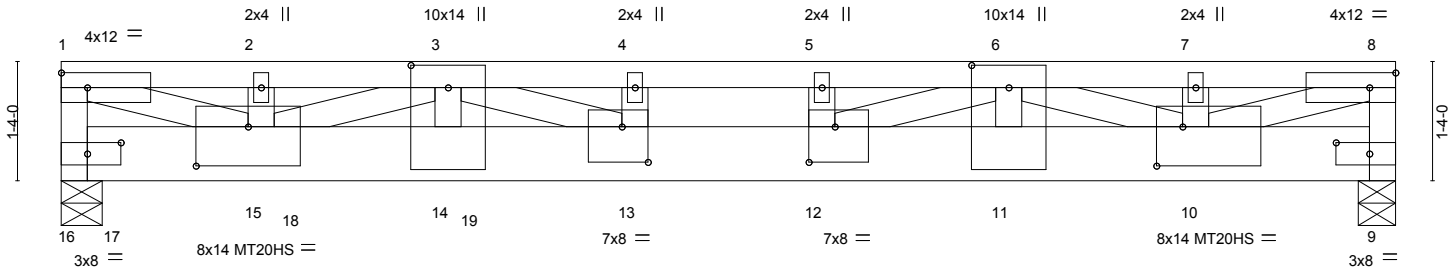

2-4-1	4-3-14	6-4-15	8-6-1	10-7-2	12-6-15	14-11-0
2-4-1	1-11-13	2-1-1	2-1-1	2-1-1	1-11-13	2-4-1

Plate Offsets (X,Y)-- [3:0-3-0,0-5-0], [6:0-3-0,0-5-0], [9:0-4-8,0-1-8], [10:0-3-8,0-5-4], [12:0-3-8,0-4-12], [13:0-3-8,0-4-12], [15:0-7-0,0-5-4], [16:0-4-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.84	Vert(LL)	-0.34	12-13	>510	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.84	Vert(TL)	-0.54	12-13	>327	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.49	Horz(TL)	0.05	9	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix-M)		Wind(LL)	0.16	12-13	>999	240	Weight: 180 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP M 31
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP M 31

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-8-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 16=5304/0-5-8, 9=4348/0-5-0
Max Uplift 16=-1055(LC 4), 9=-865(LC 4)

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

TOP CHORD 1-16=-3513/706, 1-2=-8333/1658, 2-3=-8333/1658, 3-4=-17159/3415, 4-5=-17159/3415, 5-6=-17159/3415, 6-7=-7984/1588, 7-8=-7984/1588, 8-9=-3381/679
BOT CHORD 16-17=-140/697, 15-17=-140/697, 15-18=-3092/15535, 14-18=-3092/15535, 14-19=-3092/15535, 13-19=-3092/15535, 12-13=-3415/17159, 11-12=-3008/15111, 10-11=-3008/15111, 9-10=-127/633
WEBS 1-15=-1649/8293, 3-15=-7822/1558, 3-14=-390/2037, 3-13=-350/1764, 6-12=-442/2225, 6-11=-351/1842, 6-10=-7741/1542, 8-10=-1587/7984

NOTES- (12)

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-4-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-5-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Bearing at joint(s) 16, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=1055, 9=865.
10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1149 lb down and 229 lb up at 0-7-12, 1149 lb down and 229 lb up at 2-7-12, 1149 lb down and 229 lb up at 4-7-12, 1149 lb down and 229 lb up at 12-7-12, 1149 lb down and 229 lb up at 10-7-12, and 1149 lb down and 229 lb up at 8-7-12, and 1149 lb down and 229 lb up at 6-7-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
12) 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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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 1-8=-100, 9-16=-10

Concentrated Loads (lb)

Vert: 13=-1149(F) 12=-1149(F) 11=-1149(F) 10=-1149(F) 17=-1149(F) 18=-1149(F) 19=-1149(F)

Job	Truss	Truss Type	Qty	Ply	
932704	V01	Valley	1	1	T10033781

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:16:01 2016 Page 1

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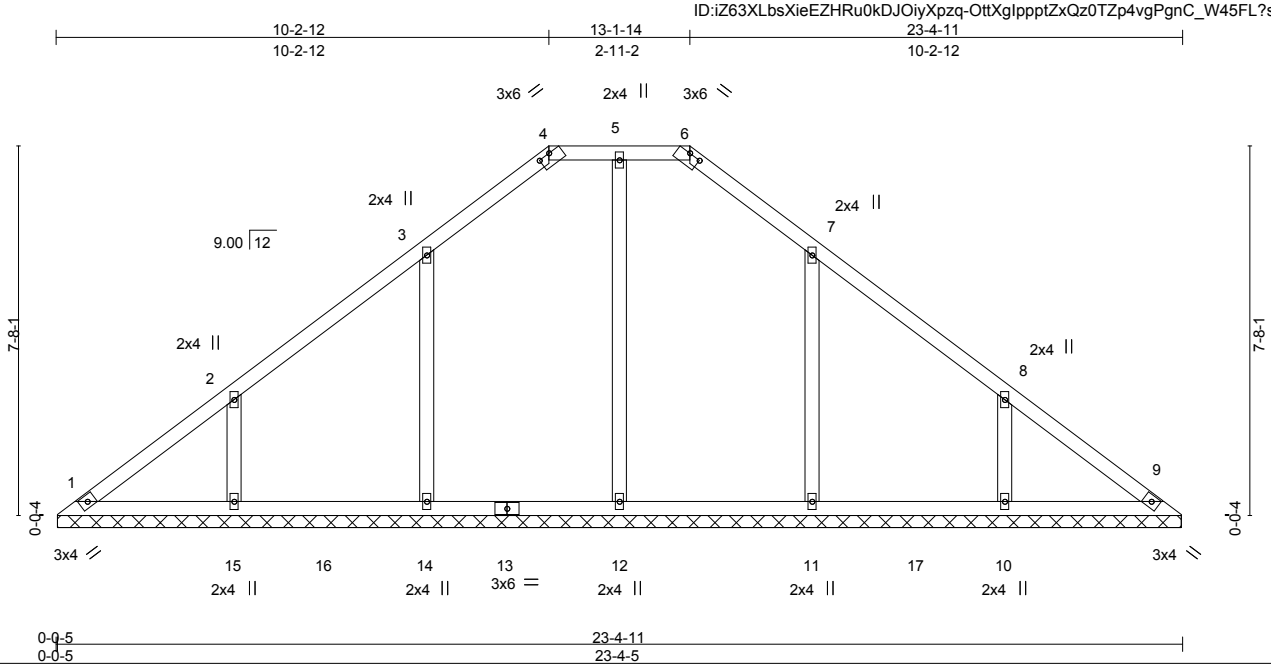

Plate Offsets (X,Y)-- [4:0-3-0,0-0-1], [6:0-3-0,0-0-1]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(TL)	0.01	9	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 108 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. All bearings 23-4-0.
(lb) - Max Horz 1=197(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 9, 12 except 14=-150(LC 12), 15=-175(LC 12), 11=-148(LC 13), 10=-176(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 9 except 12=282(LC 22), 14=394(LC 19), 15=309(LC 19), 11=391(LC 20), 10=310(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-14=-274/238, 2-15=-317/279, 7-11=-274/238, 8-10=-317/279

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) 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, with BCDL = 5.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9, 12 except (jt=lb) 14=150, 15=175, 11=148, 10=176.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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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Job	Truss	Truss Type	Qty	Ply	
932704	V02	Valley	1	1	T10033782

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:16:02 2016 Page 1

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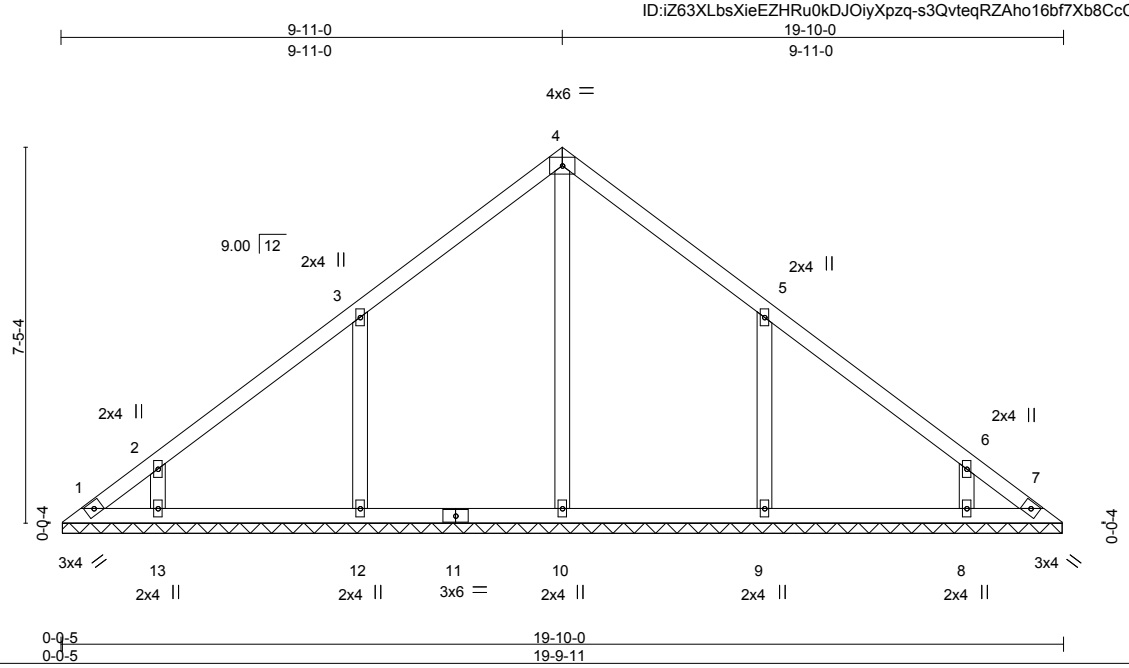

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.16	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 89 lb	FT = 20%

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

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

REACTIONS. All bearings 19-9-5.
(lb) - Max Horz 1=-190(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7 except 12=-189(LC 12), 13=-136(LC 12), 9=-188(LC 13), 8=-136(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 7, 13, 8 except 10=320(LC 22), 12=380(LC 19), 9=380(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-339/298, 2-13=-256/226, 5-9=-339/298, 6-8=-256/226

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7 except (jt=lb) 12=189, 13=136, 9=188, 8=136.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	V03	Valley	1	1	T10033783
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:16:02 2016 Page 1

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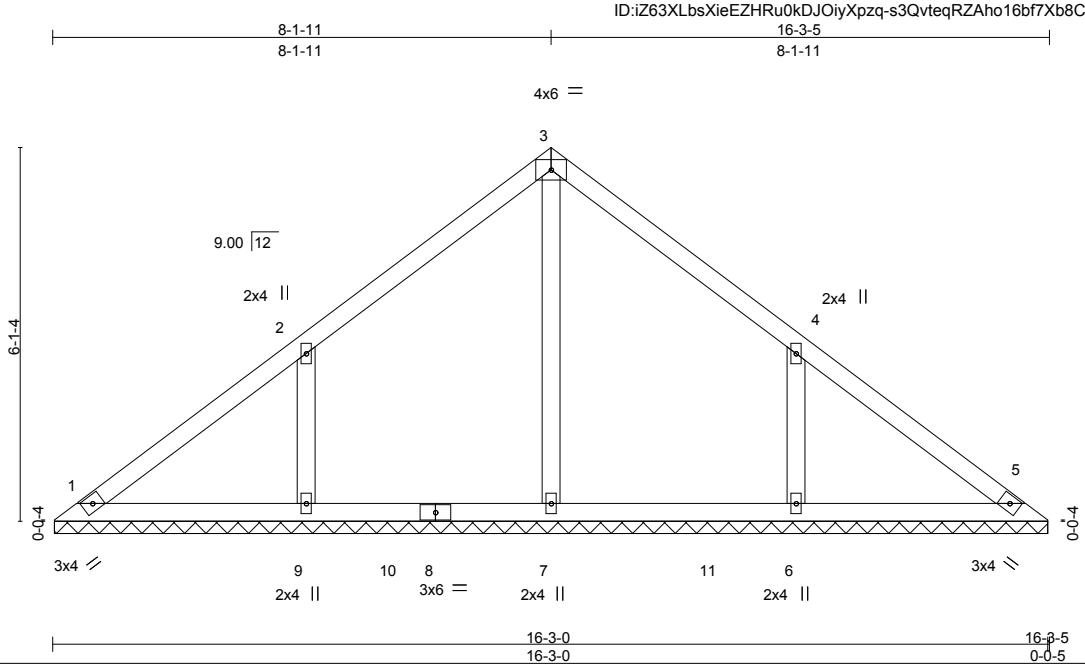

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 69 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 16-2-11.
(lb) - Max Horz 1=-154(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 9=-197(LC 12), 6=-196(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=296(LC 19), 9=356(LC 19), 6=355(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-347/305, 4-6=-347/305

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 9=197, 6=196.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	V04	Valley	1	1	T10033784
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:16:03 2016 Page 1

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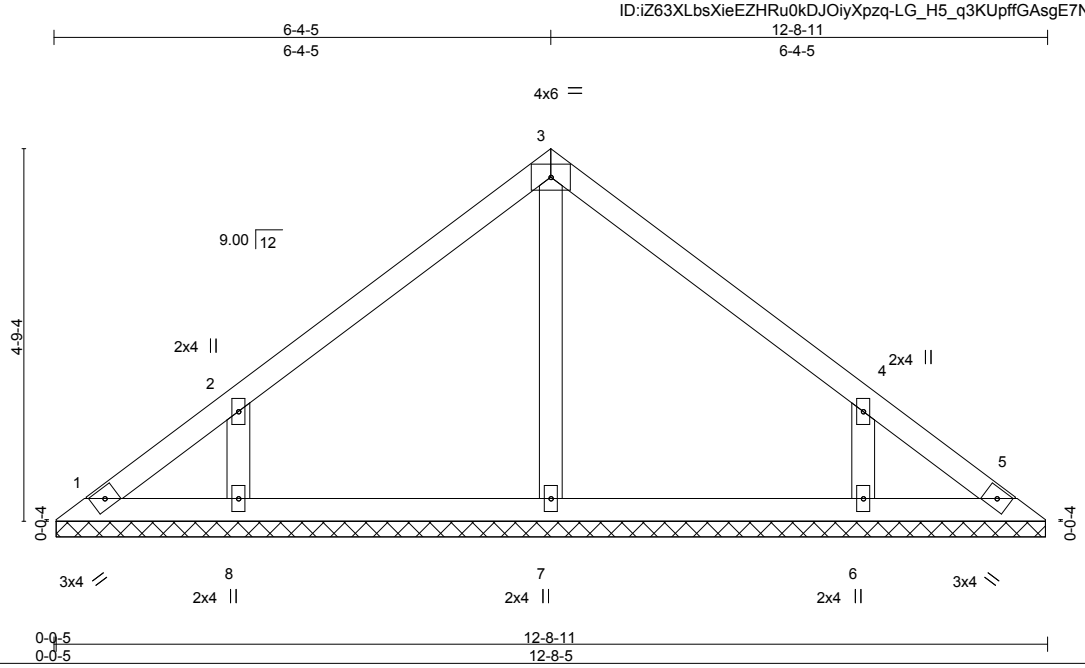

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 51 lb	FT = 20%

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

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

REACTIONS. All bearings 12-8-0.
(lb) - Max Horz 1=119(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 8=-163(LC 12), 6=-162(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=274(LC 19), 6=274(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-297/268, 4-6=-297/268

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 except (jt=lb) 8=163, 6=162.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	V05	Valley	1	1	T10033785
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:16:04 2016 Page 1

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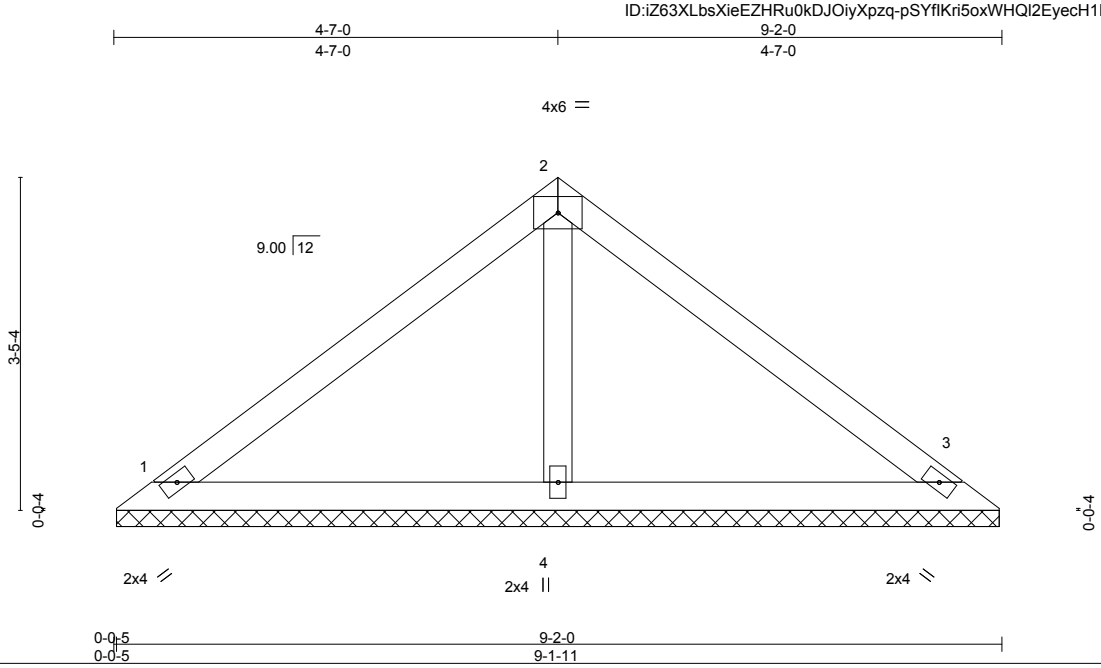

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.21	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 33 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. (lb/size) 1=140/9-1-5, 3=140/9-1-5, 4=251/9-1-5
Max Horz 1=83(LC 9)
Max Uplift 1=-45(LC 12), 3=-53(LC 13), 4=-48(LC 12)

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	V06	Valley	1	1	T10033786

Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:16:04 2016 Page 1

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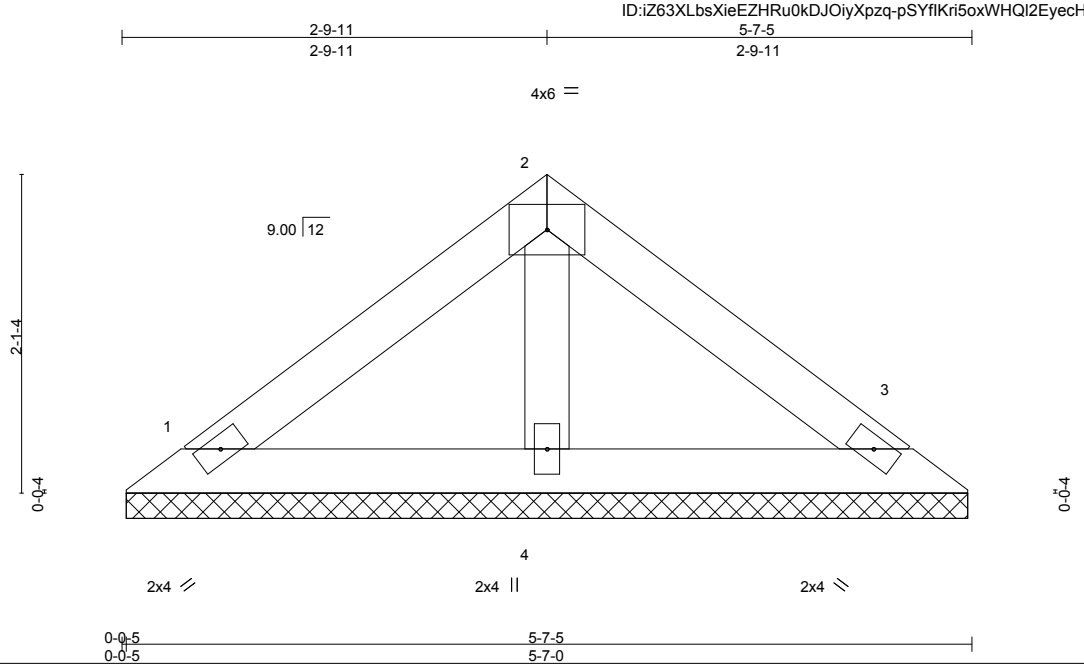

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 19 lb	FT = 20%

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

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

REACTIONS. (lb/size) 1=88/5-6-11, 3=88/5-6-11, 4=127/5-6-11
Max Horz 1=-47(LC 8)
Max Uplift 1=-32(LC 12), 3=-37(LC 13), 4=-15(LC 12)

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	V07	Valley	1	1	T10033787
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:16:05 2016 Page 1

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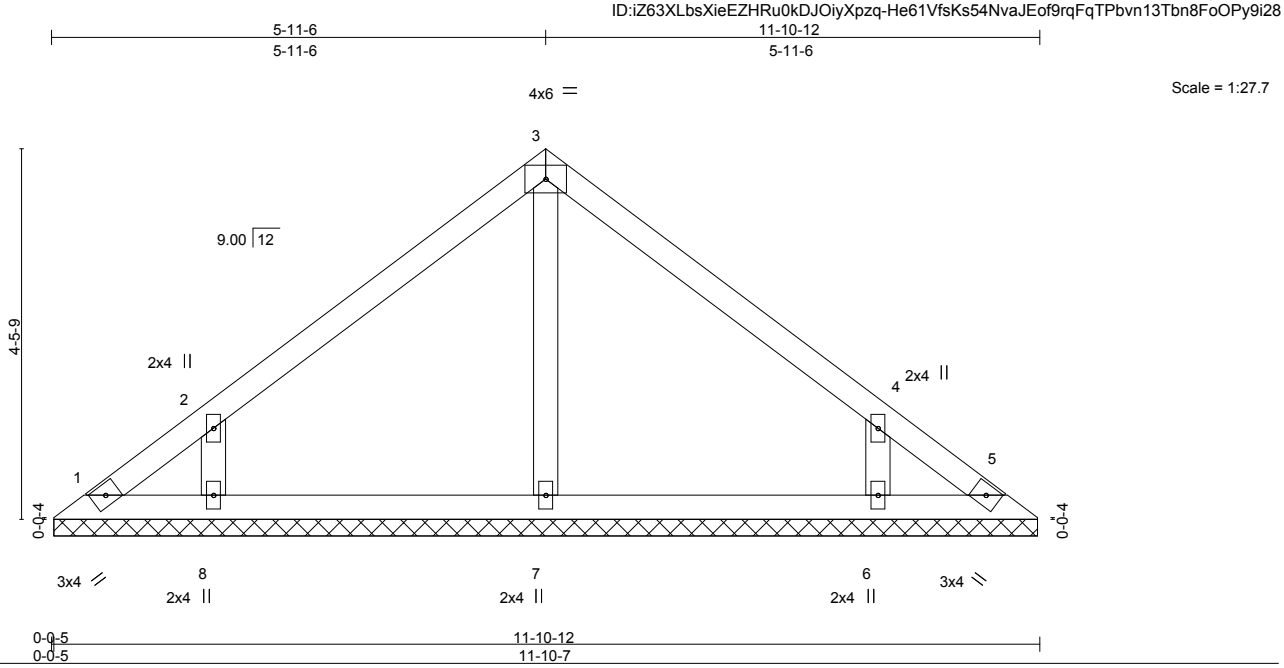

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 47 lb	FT = 20%

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

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

REACTIONS. All bearings 11-10-2.
(lb) - Max Horz 1=-110(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 8=-162(LC 12), 6=-162(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=272(LC 19), 6=272(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-300/273, 4-6=-300/273

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 except (jt=lb) 8=162, 6=162.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	
932704	V08	Valley	1	1	T10033788
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:16:05 2016 Page 1

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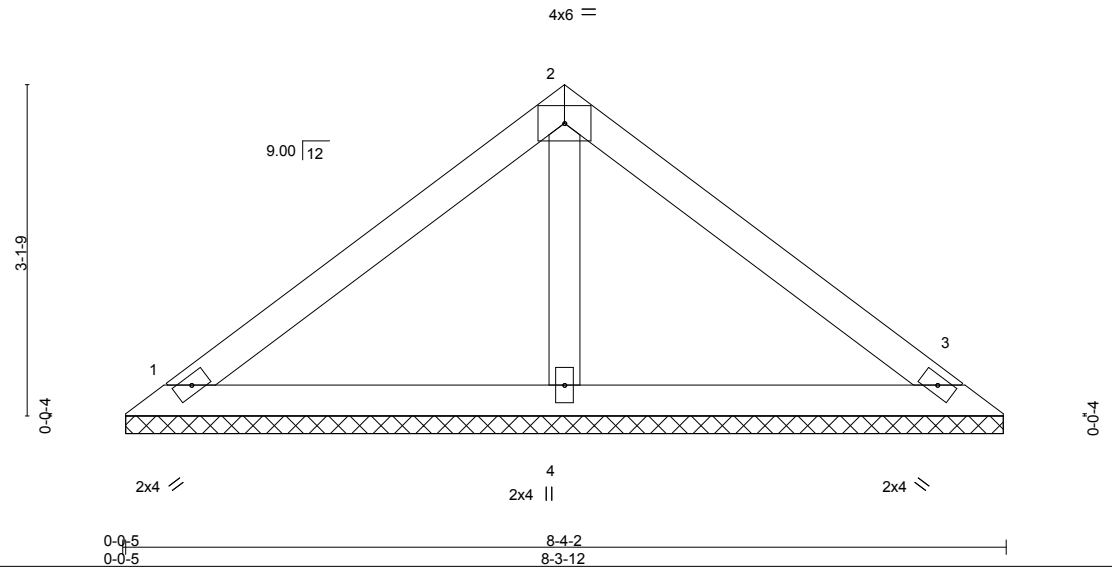
4-2-1 / 4-2-1 — 8-4-2 / 4-2-1

Scale = 1:21.8



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 30 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. (lb/size) 1=126/8-3-7, 3=126/8-3-7, 4=226/8-3-7
Max Horz 1=75(LC 11)
Max Uplift 1=-41(LC 12), 3=-48(LC 13), 4=-43(LC 12)

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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	
932704	V09	Valley	1	1	T10033789
					Job Reference (optional)

Builders FirstSource, Jacksonville, Fl 32244 — 7.640 s Apr 19 2016 MiTek Industries, Inc. Mon Dec 12 14:16:06 2016 Page 1

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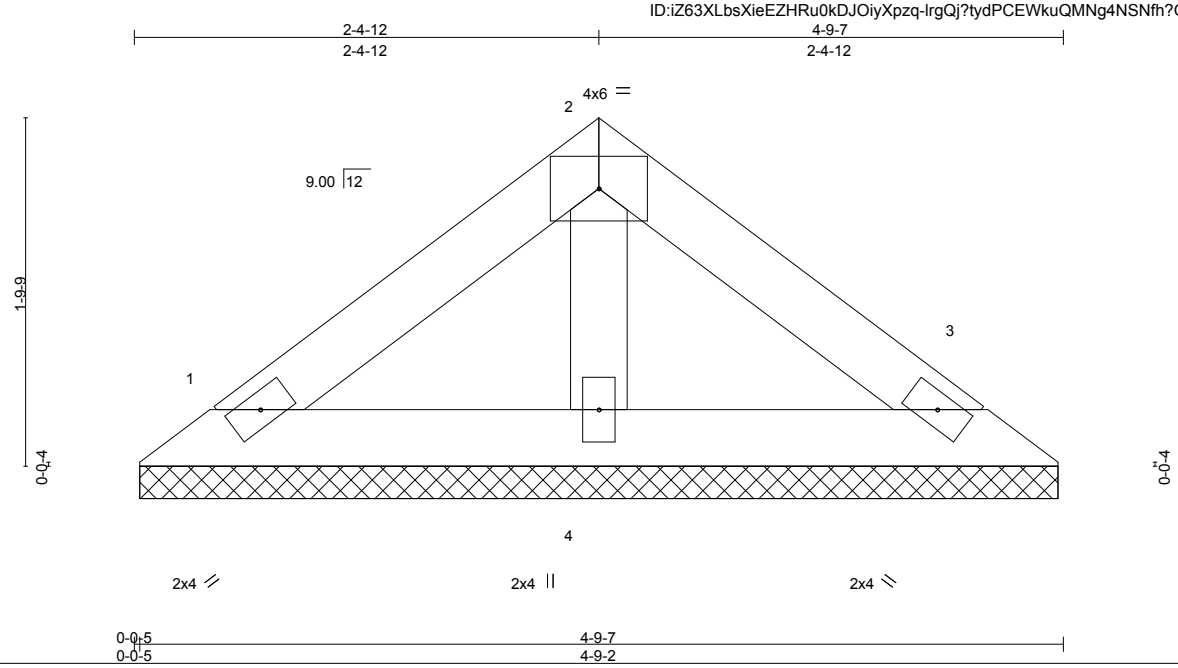

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)							Weight: 16 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 4-9-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=73/4-8-12, 3=73/4-8-12, 4=105/4-8-12
Max Horz 1=39(LC 9)
Max Uplift 1=-26(LC 12), 3=-30(LC 13), 4=-12(LC 12)

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=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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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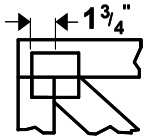
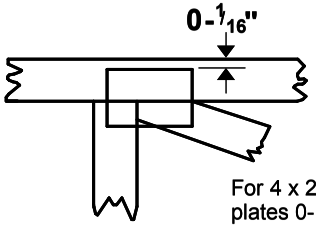
Tampa, FL 36610

Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

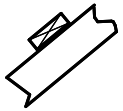
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

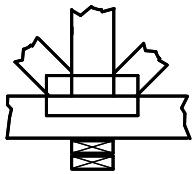
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

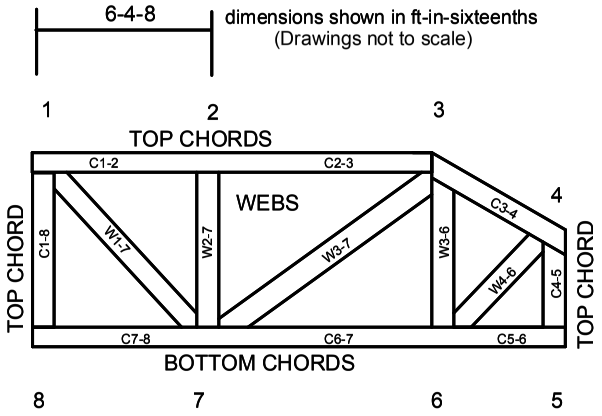


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

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

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

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

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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