



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

RE: 1024906 -

MiTek USA, Inc.

6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:

Customer Info: Starr Custom Homes Project Name: 1024906 Model: Tilak Residence
Lot/Block: Subdivision:
Address: 2939 Front 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

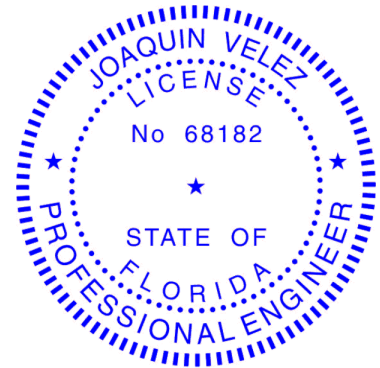
This package includes 105 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T11146680	F01	5/17/17	18	T11146697	HJ01	5/17/17
2	T11146681	F02	5/17/17	19	T11146698	HJ01A	5/17/17
3	T11146682	F03	5/17/17	20	T11146699	HJ02	5/17/17
4	T11146683	F04	5/17/17	21	T11146700	HJ03	5/17/17
5	T11146684	F05	5/17/17	22	T11146701	HJ04	5/17/17
6	T11146685	F06	5/17/17	23	T11146702	HJ05	5/17/17
7	T11146686	F07	5/17/17	24	T11146703	HJ06	5/17/17
8	T11146687	F08	5/17/17	25	T11146704	HJ07	5/17/17
9	T11146688	F10	5/17/17	26	T11146705	HJ08	5/17/17
10	T11146689	F10A	5/17/17	27	T11146706	J01	5/17/17
11	T11146690	F11	5/17/17	28	T11146707	J02	5/17/17
12	T11146691	F12	5/17/17	29	T11146708	J03	5/17/17
13	T11146692	F13	5/17/17	30	T11146709	J04	5/17/17
14	T11146693	FGE01	5/17/17	31	T11146710	J05	5/17/17
15	T11146694	FGE02	5/17/17	32	T11146711	J06	5/17/17
16	T11146695	FGE03	5/17/17	33	T11146712	J07	5/17/17
17	T11146696	FGE05	5/17/17	34	T11146713	J08	5/17/17

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, 2019.

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.



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

May 17, 2017

RE: 1024906 -

Site Information:

Customer Info: Starr Custom Homes Project Name: 1024906 Model: Tilak Residence
Lot/Block: Subdivision:
Address: 2939 Front Rd.
City: Duval State: Florida

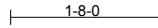
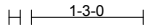
No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
35	T11146714	J09	5/17/17	78	T11146757	T37	5/17/17
36	T11146715	J10	5/17/17	79	T11146758	T39	5/17/17
37	T11146716	J11	5/17/17	80	T11146759	T40	5/17/17
38	T11146717	J12	5/17/17	81	T11146760	T41	5/17/17
39	T11146718	J13	5/17/17	82	T11146761	T42	5/17/17
40	T11146719	J14	5/17/17	83	T11146762	T43	5/17/17
41	T11146720	J15	5/17/17	84	T11146763	T44	5/17/17
42	T11146721	T01	5/17/17	85	T11146764	T45	5/17/17
43	T11146722	T02	5/17/17	86	T11146765	T46	5/17/17
44	T11146723	T03	5/17/17	87	T11146766	T47	5/17/17
45	T11146724	T04	5/17/17	88	T11146767	T48	5/17/17
46	T11146725	T05	5/17/17	89	T11146768	T50	5/17/17
47	T11146726	T06	5/17/17	90	T11146769	T51	5/17/17
48	T11146727	T07	5/17/17	91	T11146770	T52	5/17/17
49	T11146728	T08	5/17/17	92	T11146771	T53	5/17/17
50	T11146729	T09	5/17/17	93	T11146772	T54	5/17/17
51	T11146730	T10	5/17/17	94	T11146773	T55	5/17/17
52	T11146731	T11	5/17/17	95	T11146774	T56	5/17/17
53	T11146732	T12	5/17/17	96	T11146775	T57	5/17/17
54	T11146733	T13	5/17/17	97	T11146776	T58	5/17/17
55	T11146734	T14	5/17/17	98	T11146777	T59	5/17/17
56	T11146735	T15	5/17/17	99	T11146778	T60	5/17/17
57	T11146736	T16	5/17/17	100	T11146779	T61	5/17/17
58	T11146737	T17	5/17/17	101	T11146780	T62	5/17/17
59	T11146738	T18	5/17/17	102	T11146781	T63	5/17/17
60	T11146739	T19	5/17/17	103	T11146782	TFG01	5/17/17
61	T11146740	T20	5/17/17	104	T11146783	TFG02	5/17/17
62	T11146741	T21	5/17/17	105	T11146784	TFG03	5/17/17
63	T11146742	T22	5/17/17				
64	T11146743	T23	5/17/17				
65	T11146744	T24	5/17/17				
66	T11146745	T25	5/17/17				
67	T11146746	T26	5/17/17				
68	T11146747	T27	5/17/17				
69	T11146748	T28	5/17/17				
70	T11146749	T29	5/17/17				
71	T11146750	T30	5/17/17				
72	T11146751	T31	5/17/17				
73	T11146752	T32	5/17/17				
74	T11146753	T33	5/17/17				
75	T11146754	T34	5/17/17				
76	T11146755	T35	5/17/17				
77	T11146756	T36	5/17/17				

Job 1024906	Truss F01	Truss Type Floor	Qty 25	Ply 1	Job Reference (optional) T11146680
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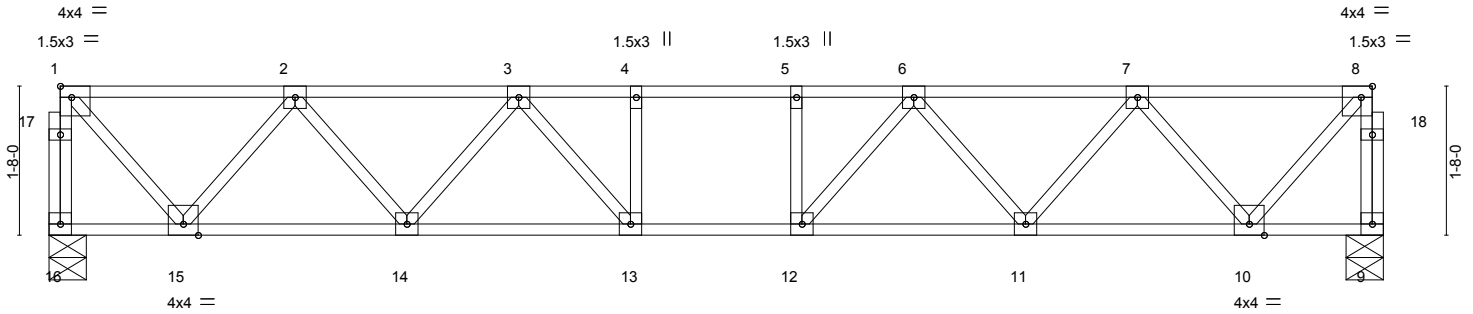
Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:11 2017 Page 1
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0-1-8



0-1-8
Scale = 1:25.8



1-6-0	4-0-0	10-11-0	13-5-0	14-11-0
1-6-0	2-6-0	6-11-0	2-6-0	1-6-0

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

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.47	Vert(LL) -0.10	11-12	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.63	Vert(TL) -0.14	13-14	>999	240		
BCLL 0.0	Rep Stress Incr YES	WB 0.43	Horz(TL) 0.03	9	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 84 lb	FT = 20%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=800/0-5-0, 9=800/0-5-0

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 16-17=-796/0, 1-17=-795/0, 9-18=-796/0, 8-18=-795/0, 1-2=-623/0, 2-3=-1475/0, 3-4=-1900/0, 4-5=-1900/0, 5-6=-1900/0, 6-7=-1475/0, 7-8=-623/0
BOT CHORD 14-15=0/1169, 13-14=0/1759, 12-13=0/1900, 11-12=0/1759, 10-11=0/1169
WEBS 8-10=0/911, 1-15=0/911, 7-10=-867/0, 2-15=-867/0, 7-11=0/485, 2-14=0/485, 6-11=-451/0, 3-14=-451/0, 6-12=-28/422, 3-13=-28/422

- NOTES-**
- 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



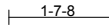
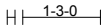
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss F02	Truss Type Floor	Qty 7	Ply 1	Job Reference (optional) T11146681
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:11 2017 Page 1
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0-1-8



0-1-8
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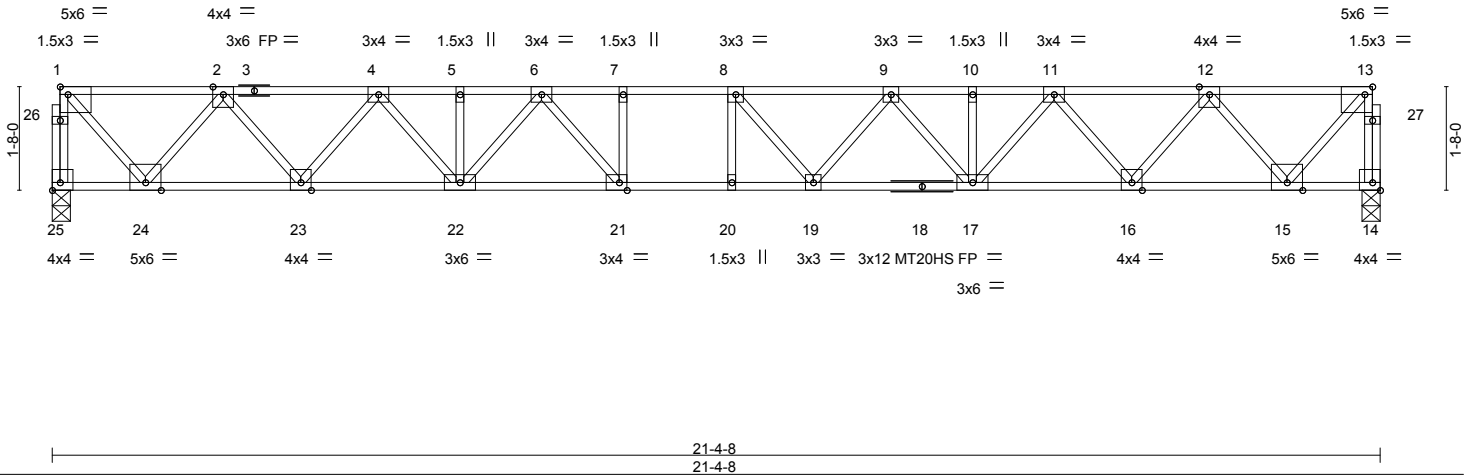


Plate Offsets (X,Y)-- [1:Edge.0-1-8], [13:0-1-8,Edge], [14:Edge.0-1-8], [21:0-1-8,Edge], [25:Edge.0-1-8]

LOADING (psf)	SPACING-	CS.I.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0 Plate Grip DOL 1.00	TC 0.78	Vert(LL)	-0.29 19-20	>863	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.65	Vert(TL)	-0.46 19-20	>555	240	MT20HS	187/143
BCLL 0.0	Rep Stress Incr YES	WB 0.66	Horz(TL)	0.08 14	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)						
							Weight: 122 lb	FT = 20%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 4-7-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 25=1156/0-3-8, 14=1156/0-3-8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 25-26=-1149/0, 1-26=-1148/0, 14-27=-1150/0, 13-27=-1149/0, 1-2=-938/0, 2-3=-2368/0, 3-4=-2368/0, 4-5=-3368/0, 5-6=-3368/0, 6-7=-3950/0, 7-8=-3950/0, 8-9=-3863/0, 9-10=-3365/0, 10-11=-3365/0, 11-12=-2367/0, 12-13=-938/0
BOT CHORD 23-24=0/1773, 22-23=0/2936, 21-22=0/3702, 20-21=0/3950, 19-20=0/3950, 18-19=0/3725, 17-18=0/3725, 16-17=0/2940, 15-16=0/1772
WEBS 13-15=0/1376, 1-24=0/1375, 12-15=-1323/0, 2-24=-1325/0, 12-16=0/945, 2-23=0/945, 11-16=-909/0, 4-23=-903/0, 11-17=0/657, 4-22=0/666, 9-17=-555/0, 6-22=-524/0, 9-19=-6/388, 6-21=-49/656, 8-19=-466/209, 7-21=-286/0

- NOTES-**
- 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss F03	Truss Type Floor	Qty 3	Ply 1	Job Reference (optional) T11146682
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:12 2017 Page 1
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0-1-8



0-1-8
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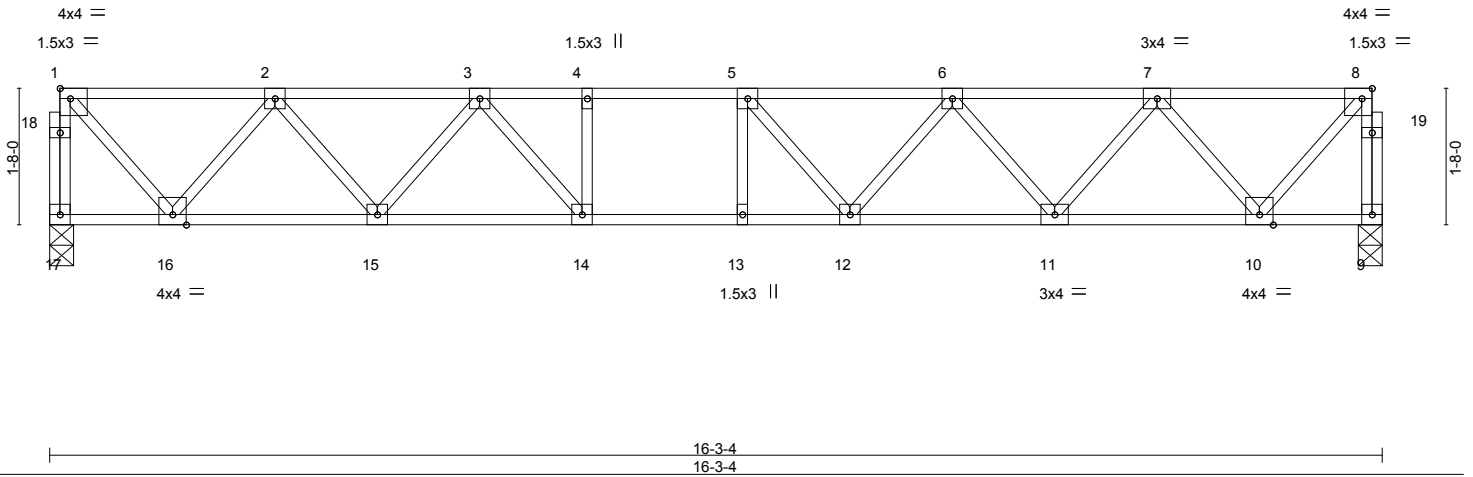


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [8:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0 Plate Grip DOL 1.00	TC 0.59	Vert(LL)	-0.14 12-13	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.48	Vert(TL)	-0.20 12-13	>952	240		
BCLL 0.0	Rep Stress Incr YES	WB 0.48	Horz(TL)	0.03 9	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 91 lb	FT = 20%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=875/0-3-8, 9=875/0-3-8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 17-18=-872/0, 1-18=-871/0, 9-19=-870/0, 8-19=-870/0, 1-2=-692/0, 2-3=-1653/0, 3-4=-2259/0, 4-5=-2259/0, 5-6=-2169/0, 6-7=-1666/0, 7-8=-687/0
BOT CHORD 15-16=0/1294, 14-15=0/2012, 13-14=0/2259, 12-13=0/2259, 11-12=0/2026, 10-11=0/1291
WEBS 8-10=0/1006, 1-16=0/1013, 7-10=-958/0, 2-16=-956/0, 7-11=0/597, 2-15=0/570, 6-11=-570/0, 3-15=-570/0, 6-12=0/320, 3-14=0/562, 5-12=-363/95, 4-14=-250/0

- NOTES-**
- 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss F04	Truss Type Floor	Qty 1	Ply 1	T11146683
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:13 2017 Page 1

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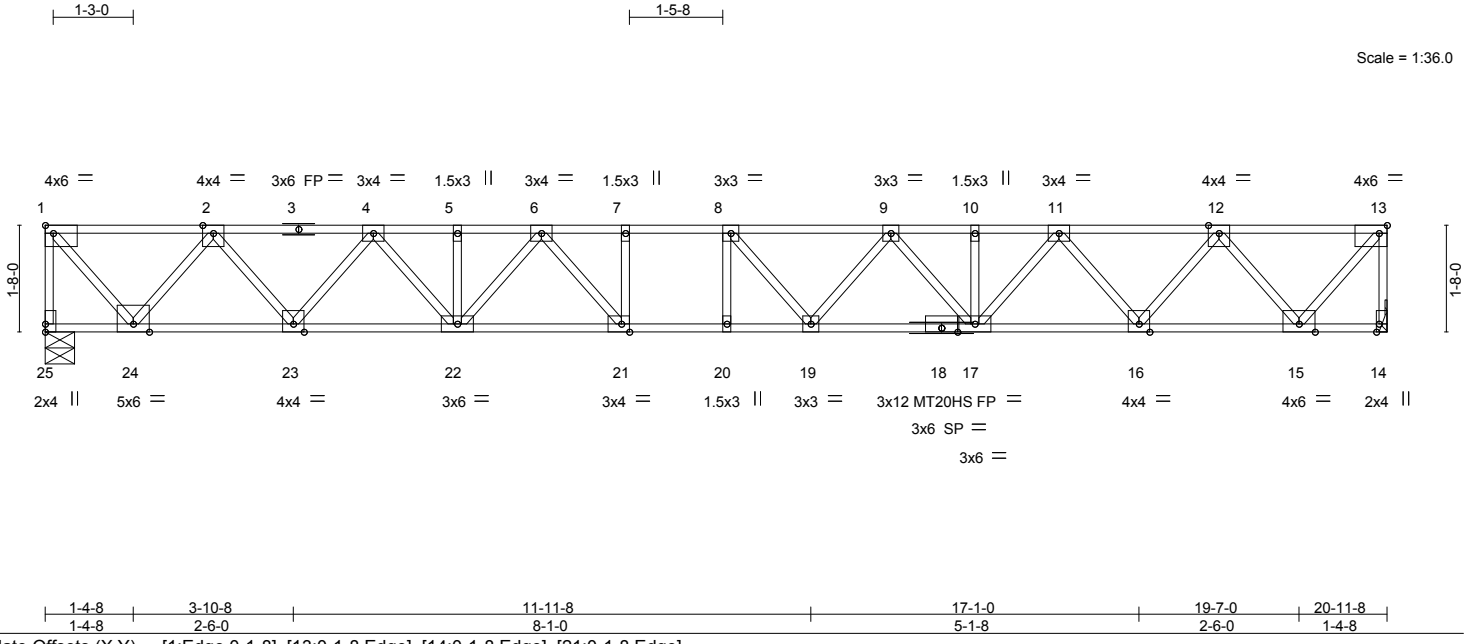


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [13:0-1-8,Edge], [14:0-1-8,Edge], [21:0-1-8,Edge]

LOADING (psf)	SPACING-	CS.I.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.74	Vert(LL) -0.28	19-20	>880	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.98	Vert(TL) -0.44	19-20	>566	240	MT20HS	187/143
BCLL 0.0	Rep Stress Incr YES	WB 0.65	Horz(TL) 0.08	14	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)						
							Weight: 117 lb	FT = 20%F, 11%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat)
 BOT CHORD 2x4 SP No.2(flat) *Except*
 18-25: 2x4 SP M 31(flat)
 WEBS 2x4 SP No.3(flat)

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-10-5 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 17-19.

REACTIONS. (lb/size) 14=1146/Mechanical, 25=1146/0-5-8

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

TOP CHORD 1-25=-1138/0, 13-14=-1139/0, 1-2=-883/0, 2-3=-2298/0, 3-4=-2298/0, 4-5=-3284/0, 5-6=-3284/0, 6-7=-3844/0, 7-8=-3844/0, 8-9=-3763/0, 9-10=-3282/0, 10-11=-3282/0, 11-12=-2298/0, 12-13=-884/0
 BOT CHORD 23-24=0/1710, 22-23=0/2860, 21-22=0/3609, 20-21=0/3844, 19-20=0/3844, 18-19=0/3632, 17-18=0/3632, 16-17=0/2863, 15-16=0/1710
 WEBS 13-15=0/1363, 1-24=0/1362, 12-15=-1312/0, 2-24=-1314/0, 12-16=0/933, 2-23=0/934, 11-16=-897/0, 4-23=-891/0, 11-17=0/647, 4-22=0/654, 9-17=-541/0, 6-22=-510/0, 9-19=-16/373, 6-21=-56/624, 8-19=-441/204, 7-21=-265/0

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) The Fabrication Tolerance at joint 18 = 11%
- 4) Refer to girder(s) for truss to truss connections.
- 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/PI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



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Job 1024906	Truss F05	Truss Type Floor	Qty 1	Ply 1	Job Reference (optional) T11146684
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:13 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-Mwojz_4qvCxEm9HZ?MLaOCWku6SPPIHFO5OX?zFtwe

0-1-8

0-1-8
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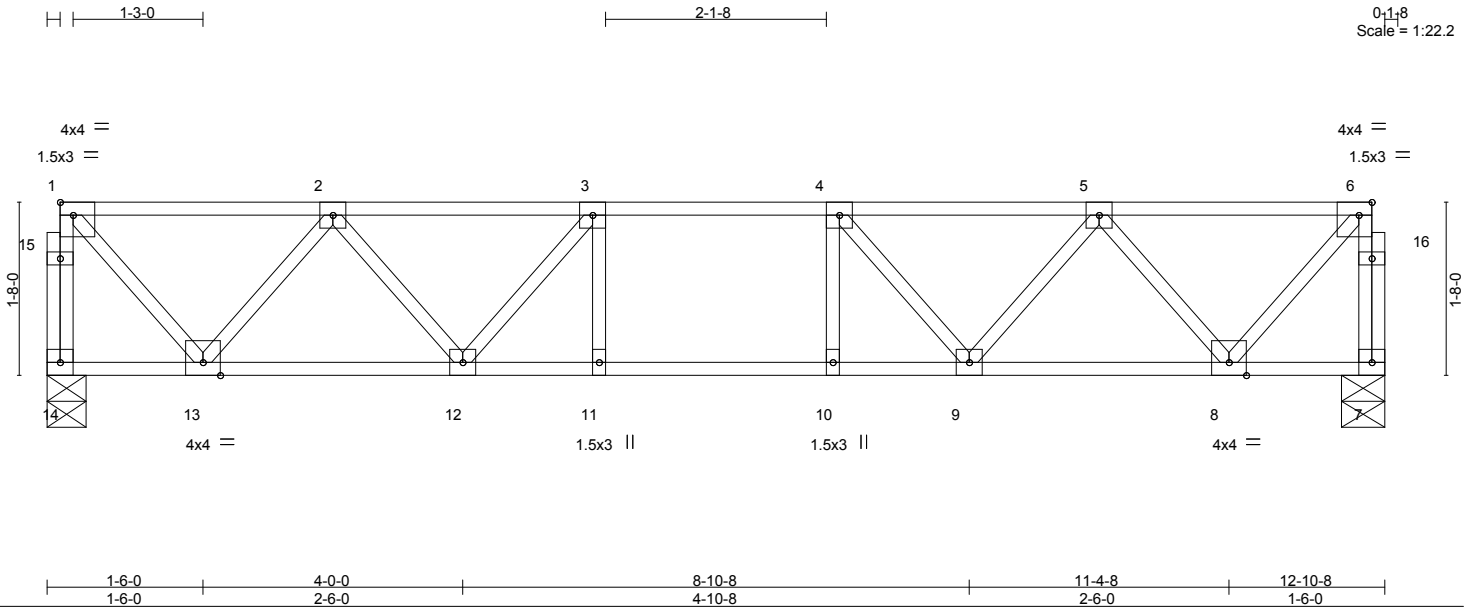


Plate Offsets (X,Y)-- [1:Edge,0-1-8]. [6:0-1-8,Edge]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0 Plate Grip DOL 1.00	TC 0.44	Vert(LL)	-0.09 11-12	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.70	Vert(TL)	-0.11 11-12	>999	240		
BCLL 0.0	Rep Stress Incr YES	WB 0.36	Horz(TL)	0.02 7	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 73 lb	FT = 20%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=688/0-4-8, 7=688/0-5-0

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

TOP CHORD 14-15=-684/0, 1-15=-683/0, 7-16=-684/0, 6-16=-683/0, 1-2=-523/0, 2-3=-1193/0, 3-4=-1403/0, 4-5=-1193/0, 5-6=-523/0
BOT CHORD 12-13=0/977, 11-12=0/1403, 10-11=0/1403, 9-10=0/1403, 8-9=0/977
WEBS 6-8=0/764, 1-13=0/764, 5-8=-721/0, 2-13=-721/0, 5-9=0/360, 2-12=0/360, 4-9=-426/0, 3-12=-426/0

NOTES-

- 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



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Tampa, FL 36610

Job 1024906	Truss F06	Truss Type Floor	Qty 5	Ply 1	Job Reference (optional) T11146685
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:14 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-q6M51J?ibDKoswkT6jta7blgTIT08svQU2qy4RzFtwd



0-1-8

Scale: 3/8"=1'

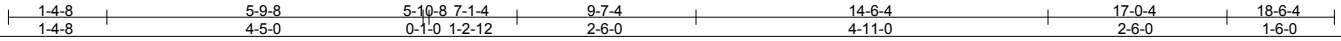
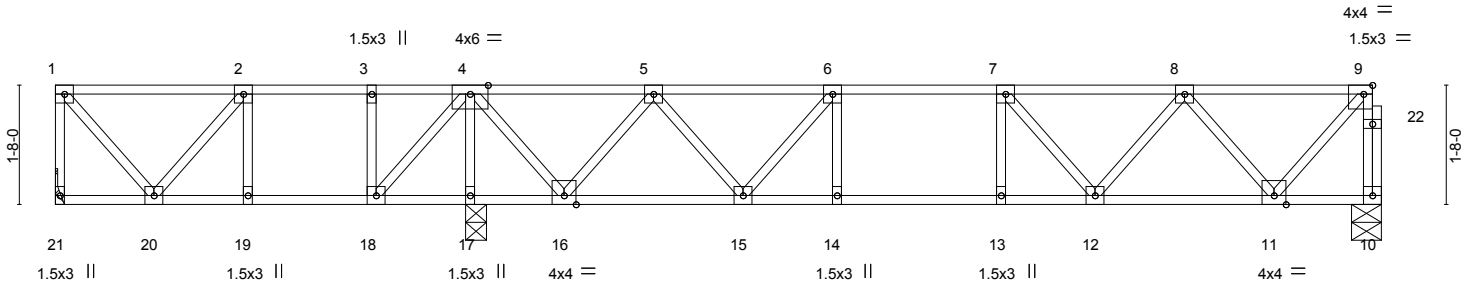


Plate Offsets (X,Y)-- [9:0-1-8,Edge]

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 0.51	Vert(LL)	-0.08 14-15	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.62	Vert(TL)	-0.10 13	>999	240		
BCLL 0.0	Rep Stress Incr	YES	WB 0.37	Horz(TL)	0.02 10	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007		(Matrix)						
								Weight: 102 lb	FT = 20%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. (lb/size) 21=319/Mechanical, 10=689/0-5-0, 17=1003/0-3-8
Max Grav 21=379(LC 10), 10=693(LC 7), 17=1015(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-21=-376/0, 10-22=-689/0, 9-22=-688/0, 2-3=-421/1, 3-4=-421/1, 4-5=-552/0,
5-6=-1212/0, 6-7=-1423/0, 7-8=-1206/0, 8-9=-527/0
BOT CHORD 19-20=-1/421, 18-19=-1/421, 15-16=0/994, 14-15=0/1423, 13-14=0/1423, 12-13=0/1423,
11-12=0/985
WEBS 4-17=-1033/0, 1-20=0/347, 4-18=0/469, 2-20=-301/33, 9-11=0/771, 4-16=0/769,
8-11=-727/0, 5-16=-724/0, 8-12=0/350, 5-15=0/384, 7-12=-388/0, 6-15=-382/0

- NOTES-**
- 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

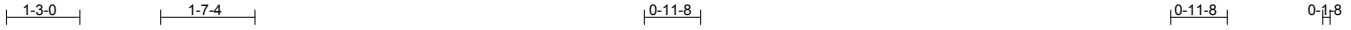


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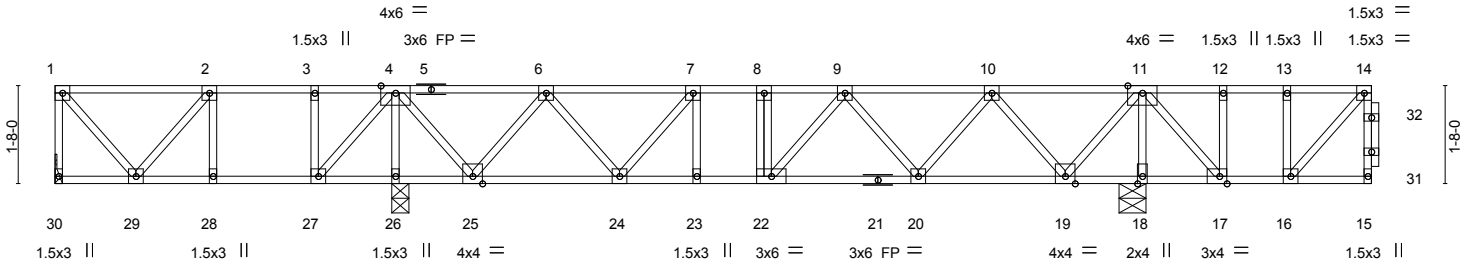
Job 1024906	Truss F07	Truss Type Floor	Qty 1	Ply 1	Job Reference (optional) T11146686
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:15 2017 Page 1
ID:6uMeWvmqVeEx7fGGjQSaDTzVmxC-lWTEf0KMxSfT4JggQOpfpHrmhjtIzZjiaVctzFtwc



Scale = 1:39.2



TRUSS IS NOT DESIGNED TO SUPPORT CONCENTRATED LOADS AT ITS CANTILEVERED END(S).

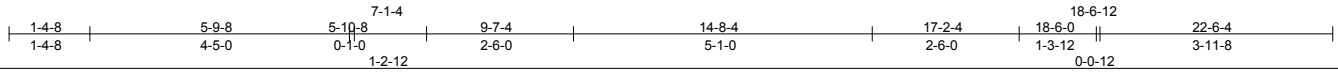


Plate Offsets (X, Y)-- [17:0-1-8, Edge]

LOADING (psf)	SPACING-	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 20-22	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.52	Vert(TL)	-0.09 20-22	>999	240		
BCLL 0.0	Rep Stress Incr YES	WB 0.40	Horz(TL)	0.02 18	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)						
							Weight: 131 lb	FT = 20%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. (lb/size) 30=323/Mechanical, 26=939/0-3-8, 18=1188/0-5-8
Max Grav 30=362(LC 5), 26=1012(LC 12), 18=1188(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-30=-361/0, 2-3=-383/12, 3-4=-383/12, 4-5=-560/0, 5-6=-560/0, 6-7=-1197/0,
7-8=-1398/0, 8-9=-1398/0, 9-10=-1115/0, 10-11=-391/307
BOT CHORD 28-29=-12/383, 27-28=-12/383, 24-25=0/991, 23-24=0/1398, 22-23=0/1398,
21-22=0/1342, 20-21=0/1342, 19-20=-125/863, 18-19=-526/0, 17-18=-526/0
WEBS 4-26=-1023/0, 11-18=-1228/0, 1-29=0/324, 4-27=0/369, 2-29=-267/43, 11-19=0/850,
4-25=0/758, 10-19=-801/0, 6-25=-714/0, 10-20=0/449, 6-24=-5/369, 9-20=-419/0,
7-24=-364/65, 9-22=-64/365, 11-17=0/594, 12-17=-274/0

NOTES-

- 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANS/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

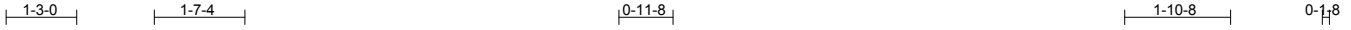


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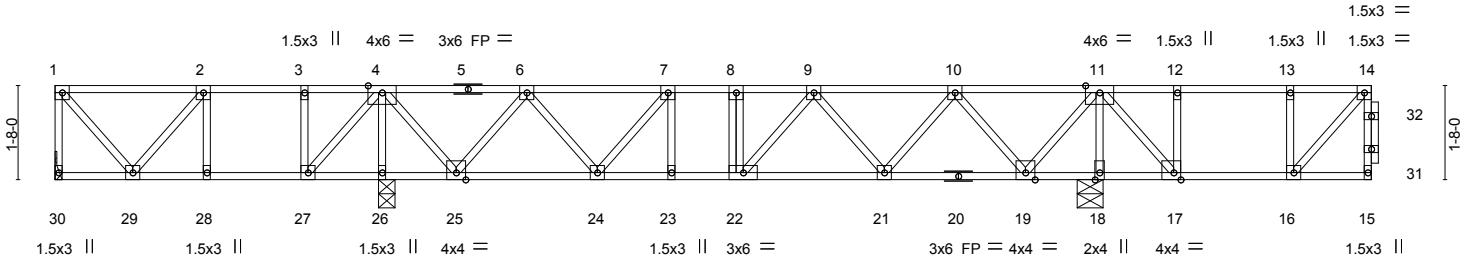
Job 1024906	Truss F08	Truss Type Floor	Qty 1	Ply 1	T11146687
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:16 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-mVUrS_1y7qaW5EusE8v2C0q0d56CclFjxMJ38JzFtwb



Scale = 1:40.8



TRUSS IS NOT DESIGNED TO SUPPORT CONCENTRATED LOADS AT ITS CANTILEVERED END(S).

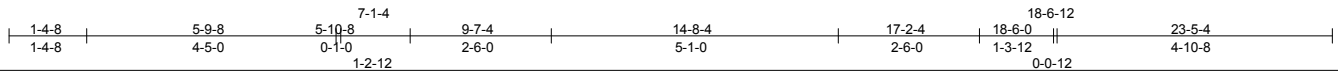


Plate Offsets (X,Y)-- [17:0-1-8,Edge]

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 0.46	Vert(LL)	-0.05 21-22	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.76	Vert(TL)	-0.07 21-22	>999	240		
BCLL 0.0	Rep Stress Incr	YES	WB 0.44	Horz(TL)	0.02 18	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007		(Matrix)						
								Weight: 133 lb	FT = 20%F, 11%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat) *Except*
5-14: 2x4 SP M 31(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. (lb/size) 30=331/Mechanical, 26=894/0-3-8, 18=1326/0-5-8
Max Grav 30=365(LC 5), 26=994(LC 12), 18=1326(LC 1)

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

TOP CHORD 1-30=-364/0, 2-3=-391/0, 3-4=-391/0, 4-5=-579/0, 5-6=-579/0, 6-7=-1195/0,
7-8=-1380/0, 8-9=-1380/0, 9-10=-1069/182, 10-11=-325/559
BOT CHORD 28-29=0/391, 27-28=0/391, 24-25=0/1001, 23-24=0/1380, 22-23=0/1380, 21-22=-32/1307,
20-21=-342/808, 19-20=-342/808, 18-19=-826/0, 17-18=-826/0
WEBS 4-26=-1001/0, 11-18=-1426/0, 1-29=0/329, 4-27=0/353, 2-29=-274/30, 11-19=0/926,
4-25=0/743, 10-19=-859/0, 6-25=-701/0, 10-21=0/489, 6-24=-58/352, 9-21=-466/0,
7-24=-338/127, 9-22=-46/443, 14-16=-325/0, 11-17=0/918, 12-17=-458/0

NOTES-

- 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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Tampa, FL 36610

Job 1024906	Truss F10	Truss Type Floor	Qty 3	Ply 1	Job Reference (optional) T11146688
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:17 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-Eh2EfK2bu8iNjNT2orQHIENABVPWL7asA03chmzFtw

1-3-0

2-0-4

0-1-8

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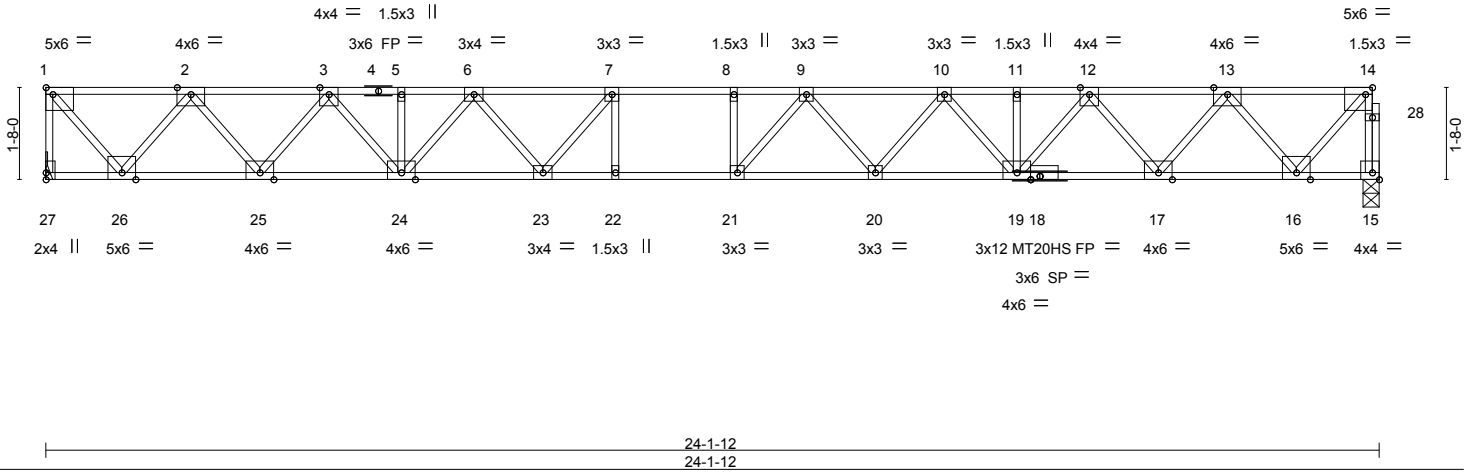


Plate Offsets (X,Y)-- [1:Edge.0-1-8], [14:0-1-8,Edge], [15:Edge.0-1-8], [18:0-2-0,Edge]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.54	Vert(LL) -0.41	20-21	>707	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.95	Vert(TL) -0.64	20-21	>450	240	MT20HS	187/143
BCLL 0.0	Rep Stress Incr YES	WB 0.76	Horz(TL) 0.12	15	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)						
							Weight: 134 lb	FT = 20%F, 11%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat) *Except*
4-14: 2x4 SP M 31(flat)
BOT CHORD 2x4 SP No.2(flat) *Except*
18-27: 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: 2-2-0 oc bracing: 17-19.

REACTIONS. (lb/size) 15=1311/0-3-8, 27=1318/Mechanical

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

TOP CHORD 1-27=-1310/0, 15-28=-1306/0, 14-28=-1305/0, 1-2=-1029/0, 2-3=-2721/0, 3-4=-3996/0, 4-5=-3996/0, 5-6=-3996/0, 6-7=-4762/0, 7-8=-5077/0, 8-9=-5077/0, 9-10=-4778/0, 10-11=-4018/0, 11-12=-4018/0, 12-13=-2757/0, 13-14=-1077/0
BOT CHORD 25-26=0/1994, 24-25=0/3426, 23-24=0/4470, 22-23=0/5077, 21-22=0/5077, 20-21=0/5024, 19-20=0/4499, 18-19=0/3455, 17-18=0/3455, 16-17=0/2037
WEBS 14-16=0/1580, 1-26=0/1587, 13-16=-1524/0, 2-26=-1533/0, 13-17=0/1144, 2-25=0/1153, 12-17=-1108/0, 3-25=-1120/0, 12-19=0/869, 3-24=0/878, 10-19=-741/0, 6-24=-732/0, 10-20=0/444, 6-23=0/613, 9-20=-463/0, 7-23=-786/34, 9-21=-330/566, 7-22=-156/267, 8-21=-285/94

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) The Fabrication Tolerance at joint 18 = 11%
- 4) Refer to girder(s) for truss to truss connections.
- 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANS/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



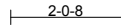
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss F10A	Truss Type Floor	Qty 3	Ply 1	Job Reference (optional) T11146689
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7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:17 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-Eh2EfK2bu8iNjNT2orQHIE9iVRmL6asA03chmzFtw

0-1-8



0-1-8
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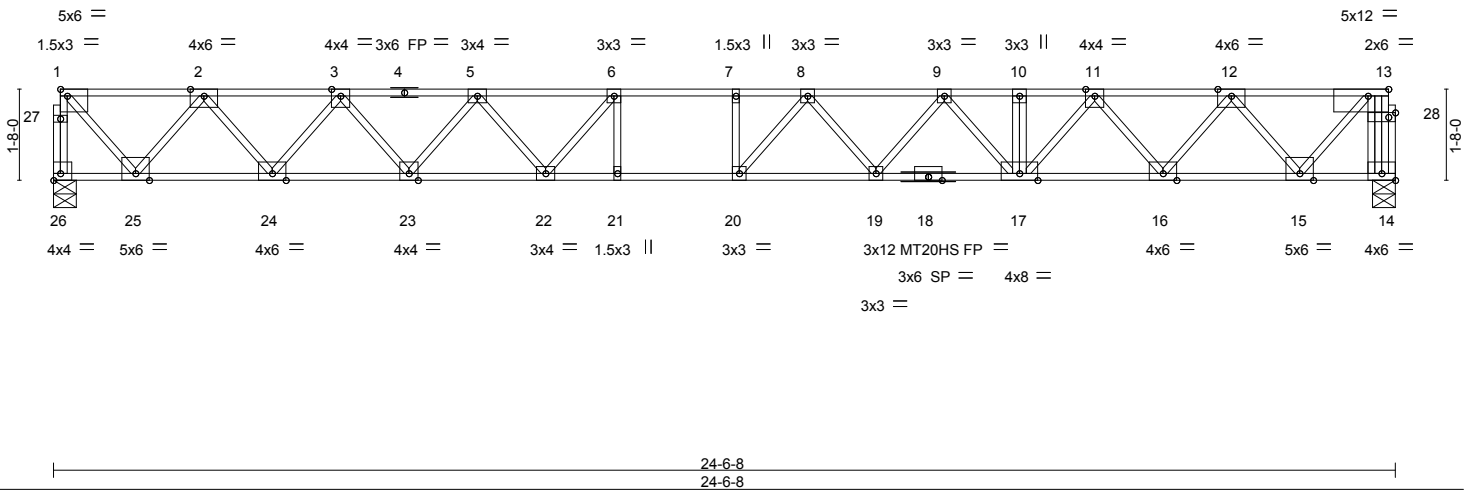


Plate Offsets (X,Y)-- [1:Edge.0-1-8], [13:0-4-8,Edge], [14:Edge.0-1-8], [26:Edge.0-1-8], [28:0-1-8,0-1-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.63	Vert(LL) -0.44	19-20	>670	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.80	Vert(TL) -0.68	19-20	>427	240	MT20HS	187/143
BCLL 0.0	Rep Stress Incr YES	WB 0.82	Horz(TL) 0.12	14	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)						
							Weight: 141 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP M 31(flat) *Except*
1-4: 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 5-3-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 26=1330/0-5-0, 14=1330/0-5-0

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 26-27=-1324/0, 1-27=-1323/0, 14-28=-1321/0, 13-28=-1261/0, 1-2=-1092/0,
2-3=-2806/0, 3-4=-4050/0, 4-5=-4050/0, 5-6=-4858/0, 6-7=-5207/0, 7-8=-5207/0,
8-9=-4967/0, 9-10=-4219/0, 10-11=-4219/0, 11-12=-2951/0, 12-13=-1278/0
BOT CHORD 24-25=0/2065, 23-24=0/3527, 22-23=0/4548, 21-22=0/5207, 20-21=0/5207, 19-20=0/5189,
18-19=0/4703, 17-18=0/4703, 16-17=0/3637, 15-16=0/2242
WEBS 1-25=0/1603, 2-25=-1545/0, 2-24=0/1176, 3-24=-1145/0, 3-23=0/831, 5-23=-791/0,
5-22=0/636, 6-22=-830/7, 6-21=-142/292, 13-15=0/1721, 12-15=-1529/0, 12-16=0/1126,
11-16=-1089/0, 11-17=0/875, 9-17=-727/0, 9-19=0/421, 8-19=-445/0, 8-20=-377/540,
7-20=-275/113

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) The Fabrication Tolerance at joint 18 = 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

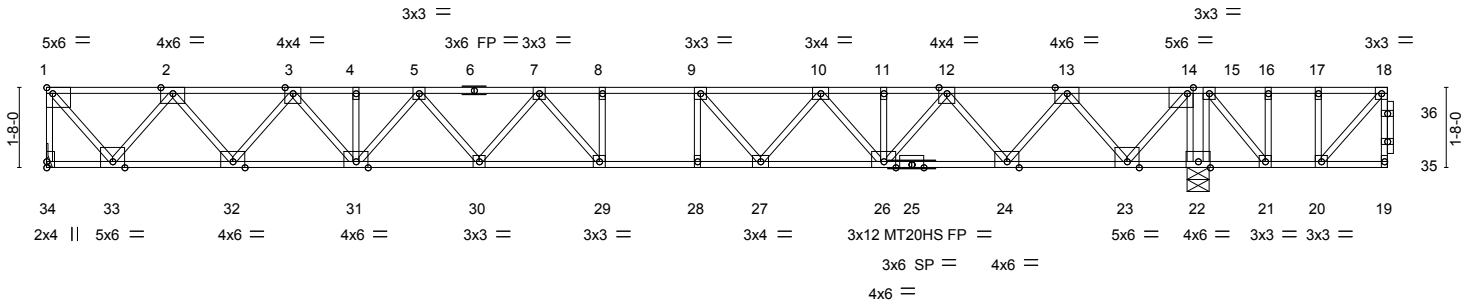


6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss F11	Truss Type Floor	Qty 3	Ply 1	Job Reference (optional)	T11146690
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:19 2017 Page 1
ID:6uMeWwmqVeEx7fGGjQSaDTzVmx-C-B49_403rQly4yhdRvGSlqfSS_J5Rp069dJYjlezFtwY



TRUSS IS NOT DESIGNED TO SUPPORT CONCENTRATED LOADS AT ITS CANTILEVERED END(S).



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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.78	Vert(LL) -0.40	29	>709	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.92	Vert(TL) -0.63	29-30	>456	240	MT20HS	187/143
BCLL 0.0	Rep Stress Incr YES	WB 0.75	Horz(TL) 0.11	22	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)						
							Weight: 159 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP M 31(flat) *Except*
1-6: 2x4 SP No.2(flat)
BOT CHORD 2x4 SP M 31(flat) *Except*
19-25: 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
2-2-0 oc bracing: 24-26
6-0-0 oc bracing: 22-23,21-22,20-21.

REACTIONS. (lb/size) 34=1280/Mechanical, 22=1775/0-5-8
Max Grav 34=1305(LC 3), 22=1775(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-34=-1297/0, 1-2=-1018/0, 2-3=-2690/0, 3-4=-3939/0, 4-5=-3939/0, 5-6=-4690/0,
6-7=-4690/0, 7-8=-4982/0, 8-9=-4982/0, 9-10=-4685/0, 10-11=-3940/0, 11-12=-3940/0,
12-13=-2684/0, 13-14=-1023/179, 14-15=0/537
BOT CHORD 32-33=0/1973, 31-32=0/3383, 30-31=0/4415, 29-30=0/4932, 28-29=0/4982, 27-28=0/4982,
26-27=0/4406, 25-26=0/3383, 24-25=0/3383, 23-24=0/1963, 22-23=-488/24,
21-22=-496/0
WEBS 14-22=-1461/0, 15-22=-401/0, 1-33=0/1570, 14-23=0/1579, 2-33=-1517/0,
13-23=-1521/0, 2-32=0/1138, 13-24=0/1177, 3-32=-1101/0, 12-24=-1144/0, 3-31=0/857,
12-26=0/894, 5-31=-734/0, 10-26=-745/0, 5-30=0/437, 10-27=0/636, 7-30=-451/0,
9-27=-814/40, 7-29=-393/540, 8-29=-267/127, 9-28=-155/283, 15-21=0/575,
16-21=-303/0

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are MT20 plates unless otherwise indicated.
 - 3) All plates are 1.5x3 MT20 unless otherwise indicated.
 - 4) The Fabrication Tolerance at joint 25 = 11%
 - 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) 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.
 - 8) CAUTION, Do not erect truss backwards.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

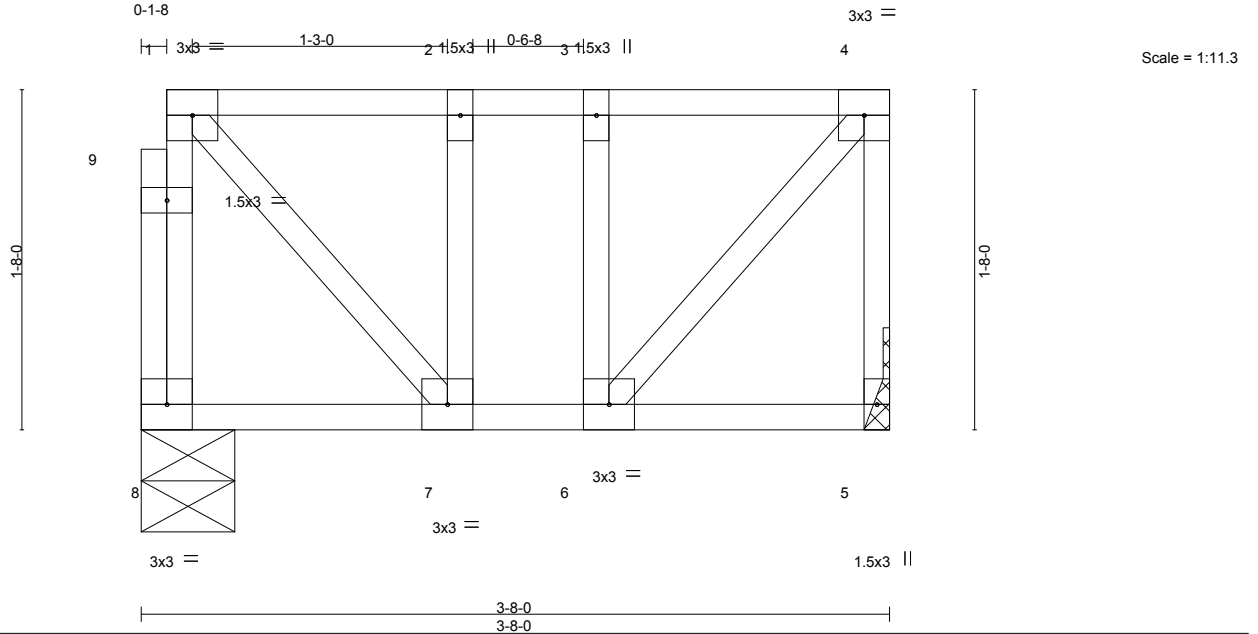


6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss F12	Truss Type Floor	Qty 5	Ply 1	Job Reference (optional)	T11146691
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:19 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-B49_403rQly4yhdRvGSIqfSdJlKpAb9dJYjlezFtwY



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.12	Vert(LL)	-0.00	7	>999	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.07	Vert(TL)	-0.00	7	>999		
BCLL 0.0	Lumber DOL 1.00	WB 0.08	Horz(TL)	0.00	5	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2014/TPI2007						Weight: 27 lb	FT = 20%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 3-8-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=185/0-5-8, 5=191/Mechanical

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

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) Refer to girder(s) for truss to truss connections.
- 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) CAUTION, Do not erect truss backwards.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

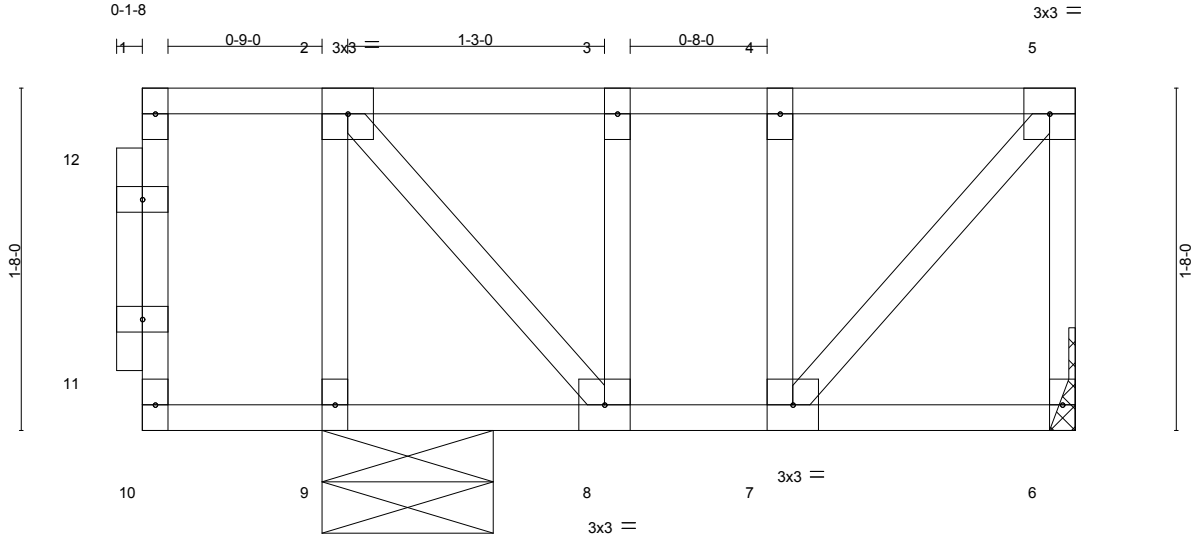


6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss F13	Truss Type Floor	Qty 5	Ply 1	Job Reference (optional) T11146692
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:19 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-B49_403rQly4yhdRvGSlqfScyJlspAd9dJYjlezFtwY



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.14	Vert(LL) -0.00	7	>999	360	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.12	Vert(TL) -0.01	6-7	>999	240		
BCLL 0.0	Lumber DOL 1.00	WB 0.08	Horz(TL) 0.00	6	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)					Weight: 31 lb	FT = 20%F, 11%E
	Code FBC2014/TPI2007							

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 4-8-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 6=183/Mechanical, 9=303/0-10-0
Max Grav 6=192(LC 4), 9=303(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-265/0

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 1.5x3 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss FGE01	Truss Type GABLE	Qty 2	Ply 1	Job Reference (optional) T11146693
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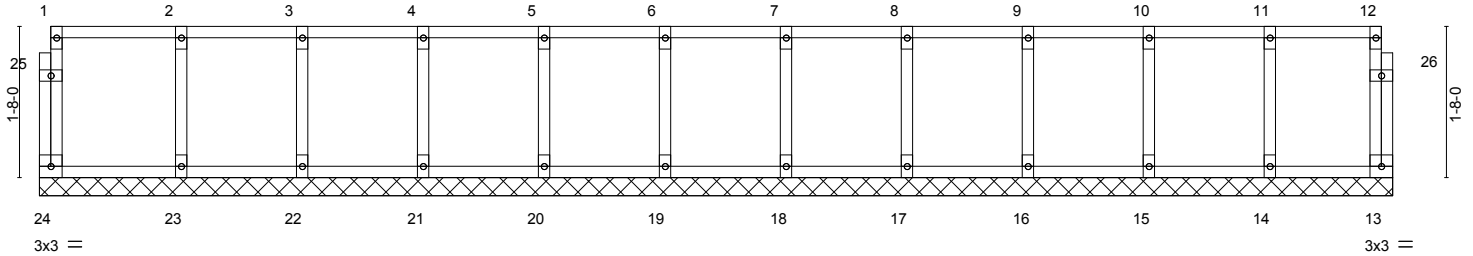
Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:20 2017 Page 1
ID:6uMeWvmqVeEx7fGGjQSaDTzVmxC-fGjMHH4TB34xarCdTz__Ms?oWifYebJszHGH5zFtwX

0-1/8

0-1/8

Scale = 1:25.4



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	13-6-12	14-11-0
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	1-4-0	1-4-4

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	13	n/a	n/a		
BCDL 5.0	Code FBC2014/TPI2007		(Matrix)						Weight: 73 lb	FT = 20%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 14-11-0.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

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

- NOTES-**
- All plates are 1.5x3 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 1-4-0 oc.
 - "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component**



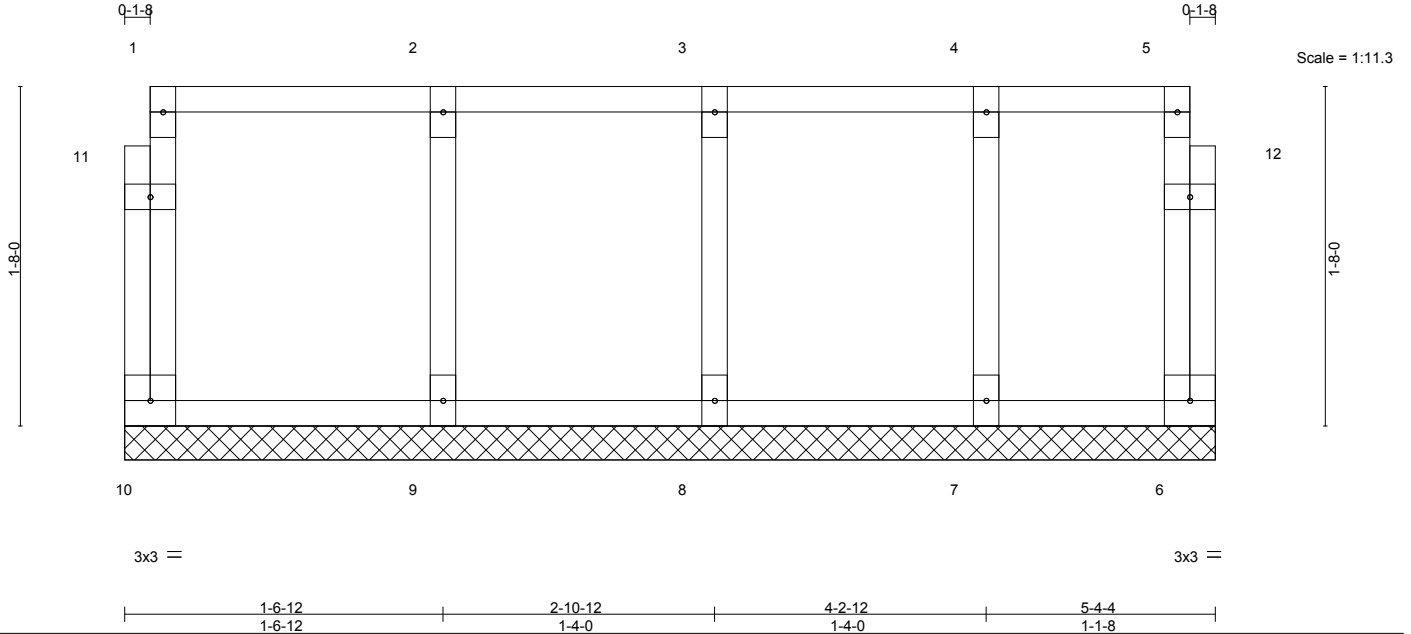
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss FGE02	Truss Type GABLE	Qty 2	Ply 1	T11146694
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:20 2017 Page 1

ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-fGjMHM4TB34xarCdTz__Ms?oVifgYebJszHGH5zFtwX



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)		l/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.02	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0	Lumber DOL 1.00	WB 0.03	Horz(TL)	0.00	6	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2014/TPI2007							Weight: 30 lb	FT = 20%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 5-4-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 5-4-4.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 10, 6, 9, 8, 7

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

- NOTES-**
- 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss FGE03	Truss Type GABLE	Qty 1	Ply 1	Job Reference (optional) T11146695
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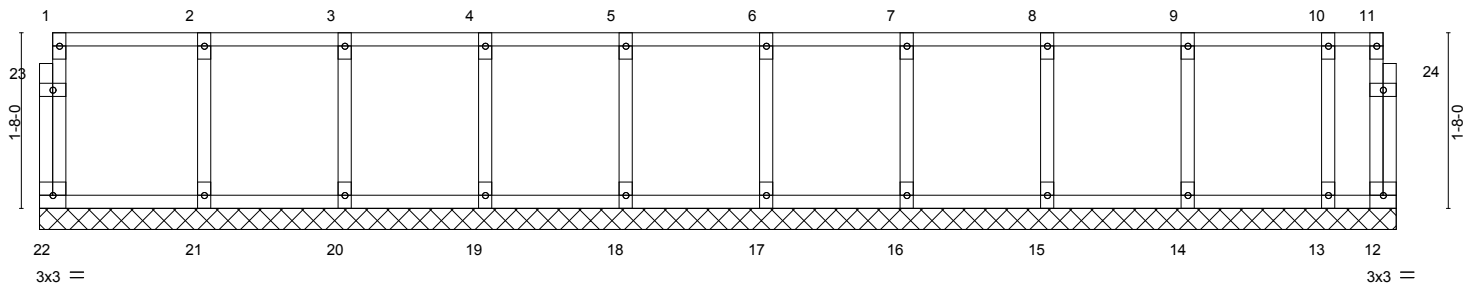
Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:21 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-7SHKVi55yNCob?nq1hVDv4XzE6?nH5rS5d1qqXzFtwW

0-1-8

0-1-8

Scale = 1:21.9



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	12-10-8
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	0-7-12

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 0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.03	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.03	Horz(TL)	0.00	12	n/a	n/a		
BCDL 5.0	Code FBC2014/TPI2007		(Matrix)							
									Weight: 65 lb	FT = 20%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 12-10-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 22, 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-**
- All plates are 1.5x3 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 1-4-0 oc.
 - "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss FGE05	Truss Type GABLE	Qty 1	Ply 1	T11146696
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Builders FirstSource, Jacksonville, FL 32244

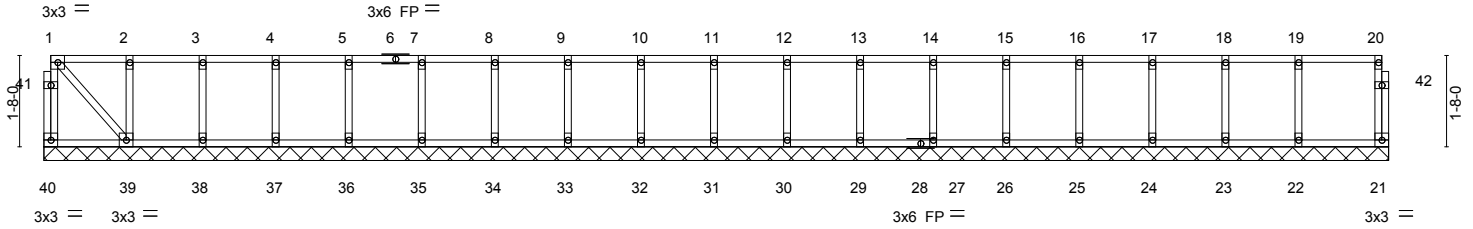
7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:21 2017 Page 1

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0-1/8

0-1/8

Scale = 1:42.0



LOADING (psf)		SPACING-		CSI.		DEFL.				PLATES		GRIP	
TCLL	40.0	Plate Grip DOL	2-0-0	TC	0.11	in (loc)	l/defl	L/d	MT20	244/190	Weight: 119 lb FT = 20%F, 11%E		
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(LL)	n/a	n/a	999				
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Vert(TL)	n/a	n/a	999				
BCDL	5.0	Code	FBC2014/TPI2007	(Matrix)		Horz(TL)	0.00	21	n/a	n/a			

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 24-6-8.
 (lb) - Max Grav All reactions 250 lb or less at joint(s) 21, 40, 39, 38, 37, 36, 35, 34, 33, 32, 31, 30, 29, 27, 26, 25, 24, 23, 22

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

- NOTES-**
- 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss HJ01	Truss Type Diagonal Hip Girder	Qty 2	Ply 1	Job Reference (optional) T11146697
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:22 2017 Page 1
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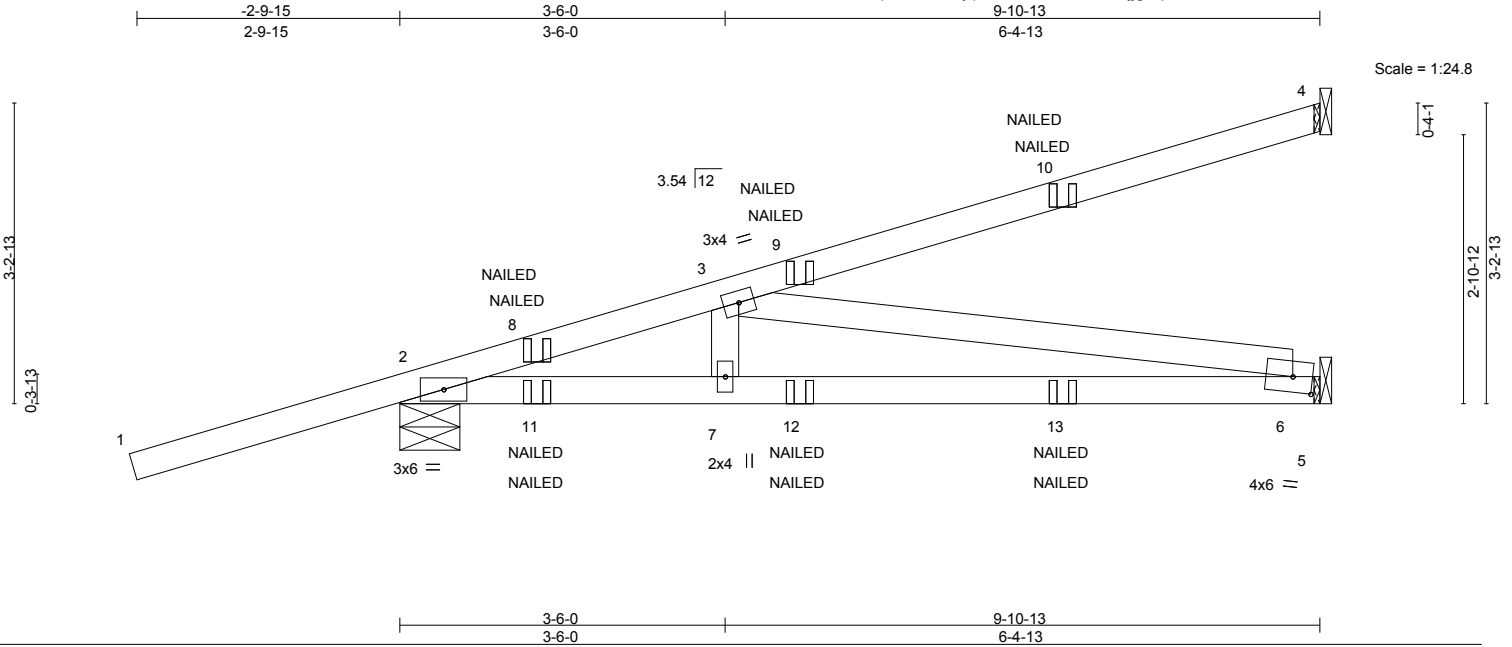


Plate Offsets (X,Y)-- [6:0-2-9,0-2-0]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.79	Vert(LL)	0.16	6-7	>694	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.67	Vert(TL)	-0.20	6-7	>560		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.48	Horz(TL)	-0.01	5	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)						
	Code FBC2014/TP12007						Weight: 45 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-8-15 oc bracing.

REACTIONS. (lb/size) 4=174/Mechanical, 2=446/0-7-12, 5=143/Mechanical

Max Horz 2=140(LC 4)
Max Uplift 4=141(LC 4), 2=-308(LC 4), 5=-172(LC 5)
Max Grav 4=174(LC 1), 2=489(LC 35), 5=194(LC 3)

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

TOP CHORD 2-8=-717/593, 3-8=-632/618
BOT CHORD 2-11=-649/618, 7-11=-649/618, 7-12=-649/618, 12-13=-649/618, 6-13=-649/618
WEBS 3-6=-627/658

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); 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 141 lb uplift at joint 4, 308 lb uplift at joint 2 and 172 lb uplift at joint 5.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 2-5=-10
Concentrated Loads (lb)
Vert: 8=92(F=46, B=46) 10=-54(F=-27, B=-27) 13=-20(F=-10, B=-10)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/PI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



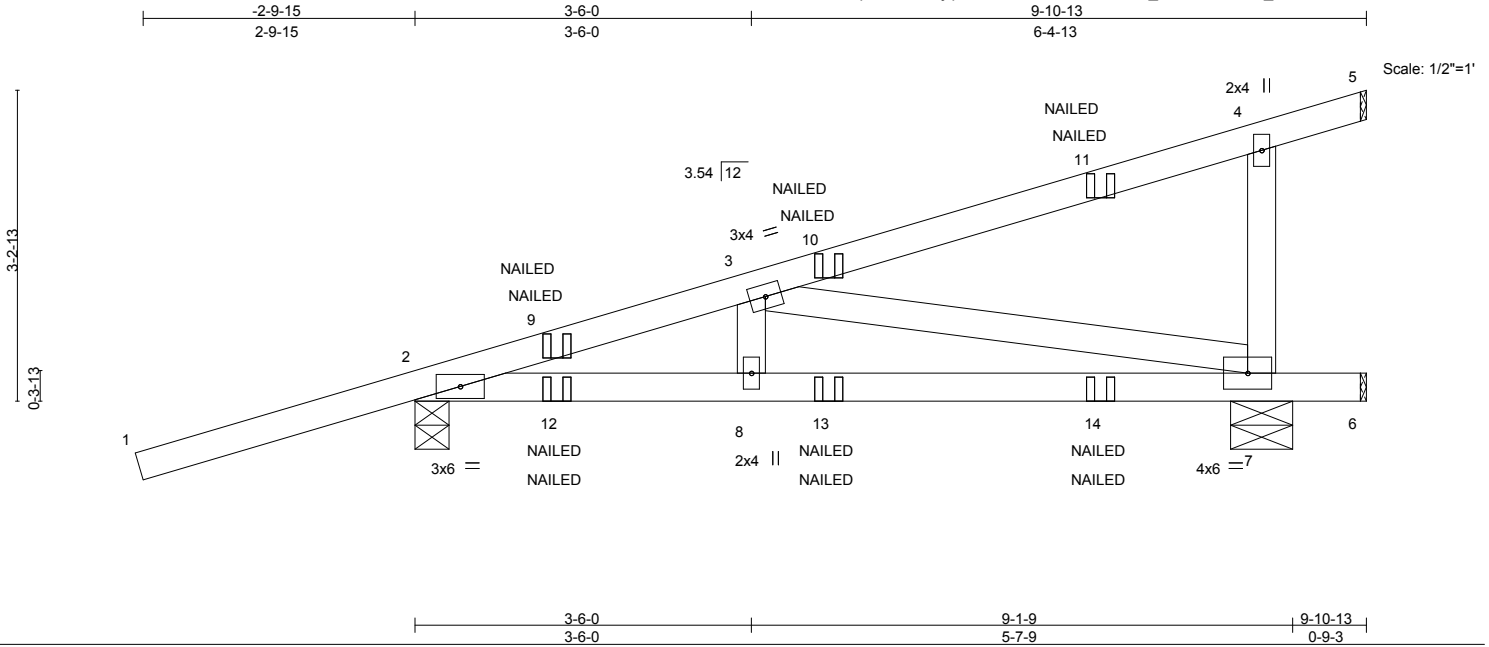
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss HJ01A	Truss Type Diagonal Hip Girder	Qty 1	Ply 1	Job Reference (optional)	T11146698
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Builders FirstSource, Jacksonville, FL 32244

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ID:6uMeWwmqVeEx7fGGjqSaDTzVmxC-3rPVwO6LU_SWRIwC86Xh_Vd9nwa7kxKIYxWwuPzFtwJ



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.72	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.42	Vert(LL) 0.08 7-8 >999 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.29	Vert(TL) -0.09 7-8 >999 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) -0.01 7 n/a n/a		
	Code FBC2014/TPI2007			Weight: 47 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 8-1-12 oc bracing.

REACTIONS.

(lb/size) 2=401/0-4-4, 7=367/0-7-12
 Max Horz 2=138(LC 4)
 Max Uplift 2=-272(LC 4), 7=-318(LC 5)
 Max Grav 2=455(LC 35), 7=367(LC 1)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-9=-612/411, 3-9=-549/433
 BOT CHORD 2-12=-460/515, 8-12=-460/515, 8-13=-460/515, 13-14=-460/515, 7-14=-460/515
 WEBS 3-7=-525/469

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); porch left 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 272 lb uplift at joint 2 and 318 lb uplift at joint 7.
- 5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 6) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-5=-54, 2-6=-10
 Concentrated Loads (lb)
 Vert: 9=92(F=46, B=46) 11=-54(F=-27, B=-27) 14=-20(F=-10, B=-10)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



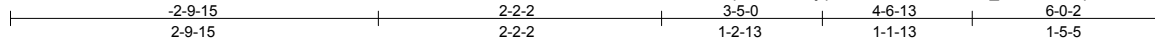
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss HJ02	Truss Type Diagonal Hip Girder	Qty 2	Ply 1	Job Reference (optional) T11146699
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:24 2017 Page 1

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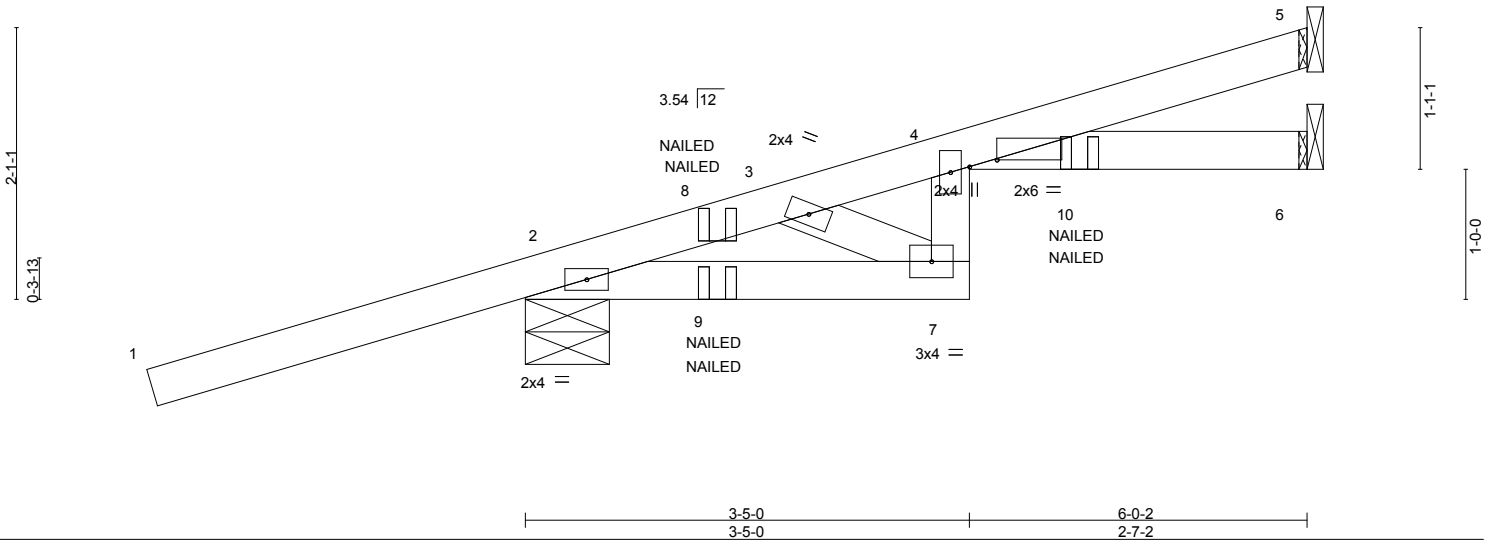


Plate Offsets (X,Y)-- [4:0-2-8,0-0-10]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.74	Vert(LL) -0.09	7	>761	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.16	Vert(TL) -0.11	7	>618	180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.26	Horz(TL) 0.03	6	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 26 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2 *Except*
 4-7: 2x4 SP No.3
 WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-2-10 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 5=109/Mechanical, 2=337/0-7-12, 6=25/Mechanical
 Max Horz 2=140(LC 22)
 Max Uplift 5=86(LC 8), 2=247(LC 4), 6=18(LC 4)
 Max Grav 5=130(LC 35), 2=381(LC 35), 6=40(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-8=-912/619, 3-8=-792/524
 BOT CHORD 2-9=-631/834, 7-9=-631/834, 4-7=-272/387
 WEBS 3-7=-916/693

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 86 lb uplift at joint 5, 247 lb uplift at joint 2 and 18 lb uplift at joint 6.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54, 4-5=-54, 2-7=-10, 4-6=-10
 Concentrated Loads (lb)
 Vert: 8=92(F=46, B=46) 10=-31(F=-16, B=-16)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



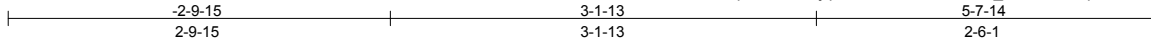
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss HJ03	Truss Type Diagonal Hip Girder	Qty 4	Ply 1	Job Reference (optional) T11146700
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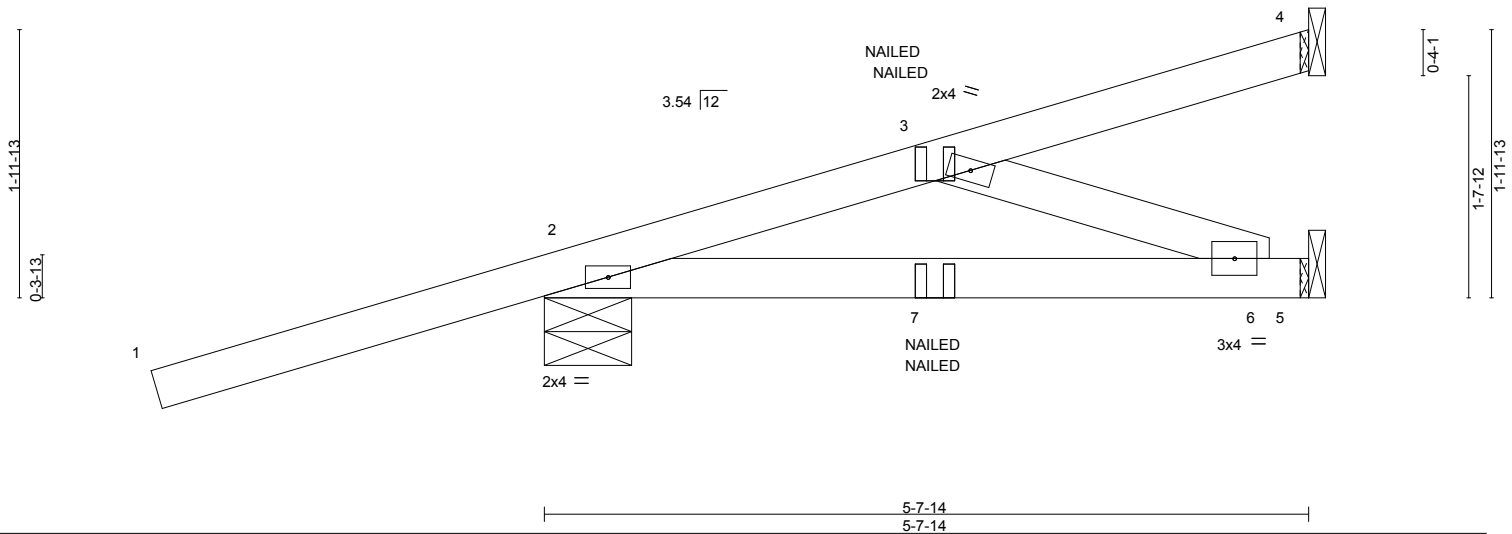
Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:24 2017 Page 1

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Scale = 1:17.1



LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc)	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.72	Vert(LL) -0.05 2-6 >999 240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.28	Vert(TL) -0.08 2-6 >810 180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.08	Horz(TL) 0.00 5 n/a n/a		
BCDL 5.0	Code FBC2014/TPI2007	(Matrix)		Weight: 25 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-7-14 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 4=81/Mechanical, 2=371/0-7-12, 5=14/Mechanical
 Max Horz 2=135(LC 4)
 Max Uplift 4=-70(LC 4), 2=-267(LC 4), 5=-45(LC 19)
 Max Grav 4=81(LC 1), 2=371(LC 1), 5=120(LC 22)

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

TOP CHORD 2-3=-346/208
 BOT CHORD 2-7=-210/303, 6-7=-210/303
 WEBS 3-6=-322/222

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 4, 267 lb uplift at joint 2 and 45 lb uplift at joint 5.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54, 2-5=-10
 Concentrated Loads (lb)
 Vert: 3=44(F=22, B=22)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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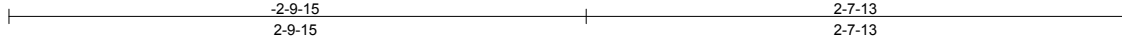
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss HJ04	Truss Type Diagonal Hip Girder	Qty 1	Ply 1	Job Reference (optional)	T11146701
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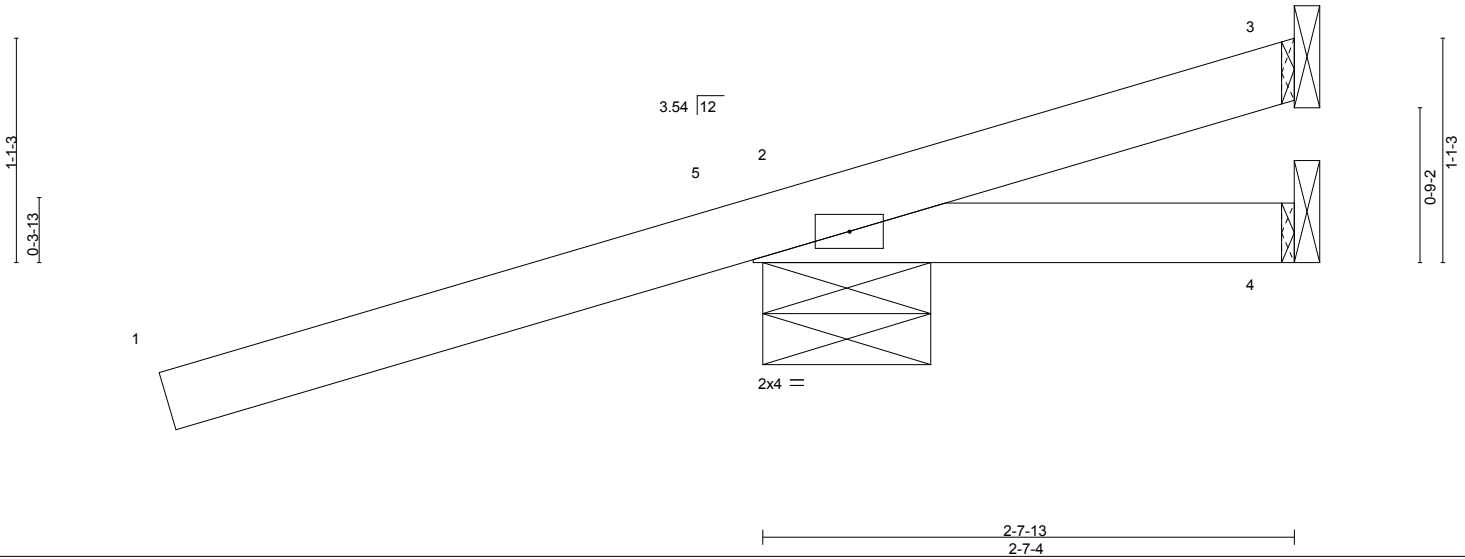
Builders FirstSource, Jacksonville, FL 32244

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Scale = 1:11.3



LOADING (psf)	SPACING-		CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	2-0-0	TC 0.66	Vert(LL)	-0.00	2-4	>999	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.04	Vert(TL)	-0.00	2-4	>999		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.00	Horz(TL)	-0.00	3	n/a		
BCDL 5.0	Code	FBC2014/TPI2007	(Matrix)					Weight: 13 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-7-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=91/Mechanical, 4=6/Mechanical, 2=299/0-9-14
Max Horz 2=82(LC 6)
Max Uplift 3=91(LC 1), 2=309(LC 4)
Max Grav 3=113(LC 4), 4=28(LC 3), 2=299(LC 1)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; 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) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 91 lb uplift at joint 3 and 309 lb uplift at joint 2.
- 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-54
Trapezoidal Loads (plf)
Vert: 5=0(F=27, B=27)-to-3=-38(F=8, B=8), 2=-1(F=5, B=5)-to-4=-7(F=1, B=1)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

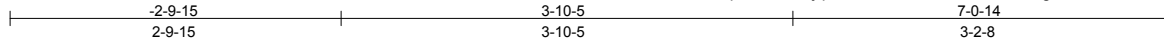


6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss HJ05	Truss Type Diagonal Hip Girder	Qty 1	Ply 1	Job Reference (optional) T11146702
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:25 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-?EWFL38c0biEgc4bGWZ93wiVRjHUCuM20F?1zIzFtwS



Scale = 1:19.7

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.71	Vert(LL)	-0.02	2-7	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.37	Vert(TL)	0.02	2-7	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.06	Horz(TL)	0.00	5	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)					Weight: 32 lb	FT = 20%
	Code FBC2014/TPI2007							

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 4=85/Mechanical, 2=354/0-7-12, 5=72/Mechanical
Max Horz 2=155(LC 4)
Max Uplift 4=85(LC 22), 2=-291(LC 4), 5=-78(LC 5)
Max Grav 4=101(LC 19), 2=387(LC 35), 5=111(LC 35)

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

TOP CHORD 2-8=-367/96, 3-8=-294/118
BOT CHORD 2-10=-145/263, 7-10=-145/263, 7-11=-145/263, 6-11=-145/263
WEBS 3-6=-283/156

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; 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 85 lb uplift at joint 4, 291 lb uplift at joint 2 and 78 lb uplift at joint 5.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 2-5=-10
Concentrated Loads (lb)
Vert: 8=89(F=45, B=45)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

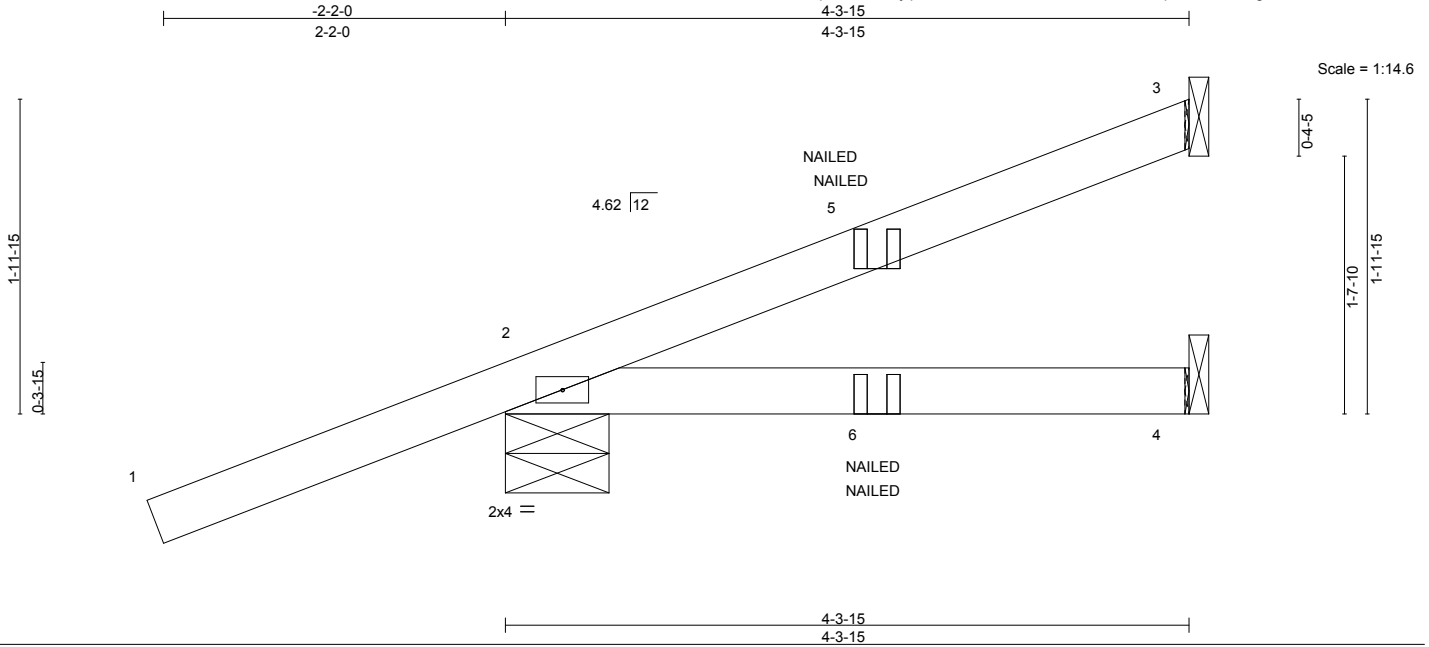


6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss HJ06	Truss Type Diagonal Hip Girder	Qty 2	Ply 1	Job Reference (optional) T11146703
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:26 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-TQ4dYP9Emvr5lmfnpE4Oc7Ff17g2xMbBEvkaVkzFtwR



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.79	Vert(LL) -0.01	2-4	>999	240	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.15	Vert(TL) -0.03	2-4	>999	180		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.00	Horz(TL) -0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)					Weight: 17 lb	FT = 20%
	Code FBC2014/TPI2007							

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-3-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=20/Mechanical, 2=268/0-7-14, 4=20/Mechanical
Max Horz 2=121(LC 4)
Max Uplift 3=-101(LC 19), 2=-150(LC 4)
Max Grav 3=111(LC 22), 2=268(LC 1), 4=59(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; 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 101 lb uplift at joint 3 and 150 lb uplift at joint 2.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) "NAILED" indicates 2-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 2-4=-10
Concentrated Loads (lb)
Vert: 5=82(F=41, B=41)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component**



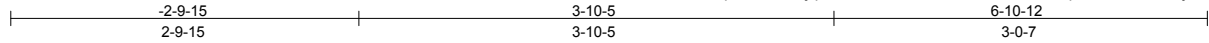
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss HJ07	Truss Type Diagonal Hip Girder	Qty 2	Ply 1	Job Reference (optional) T11146704
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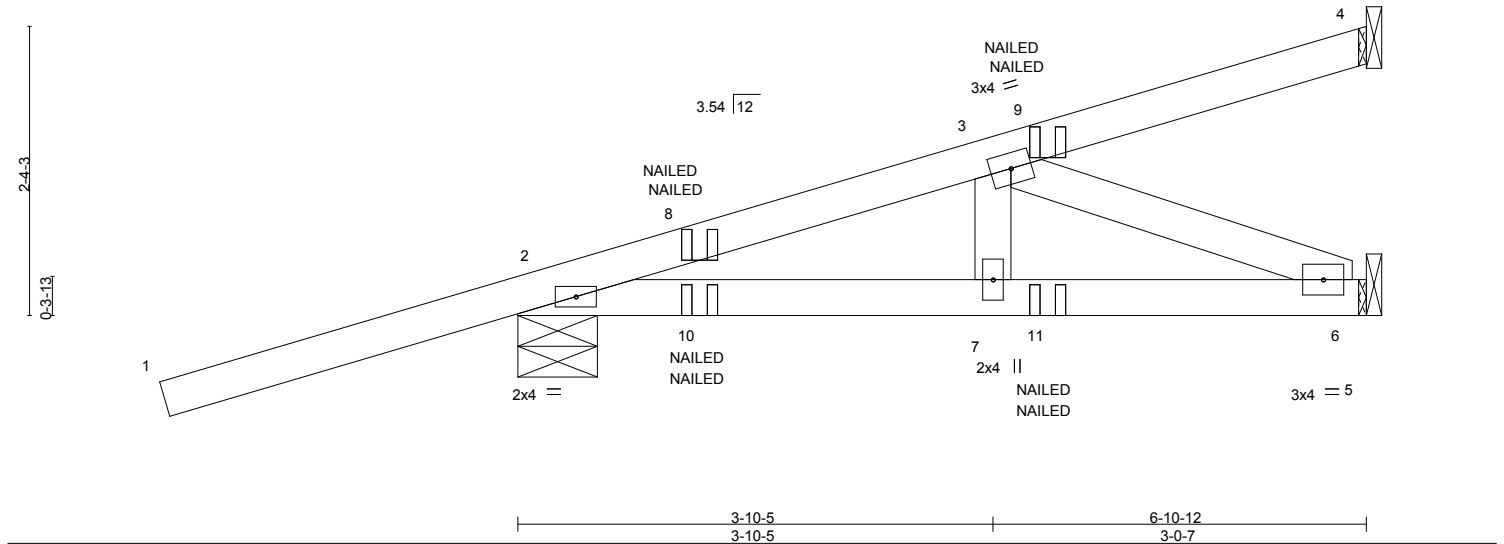
Builders FirstSource, Jacksonville, FL 32244

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LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.36	Vert(LL) -0.01	2-7	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.11	Vert(TL) -0.01	2-7	>999	180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.06	Horz(TL) 0.00	6	n/a	n/a		
BCDL 5.0	Code FBC2014/TPI2007	(Matrix)					Weight: 31 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 4=91/Mechanical, 2=349/0-7-12, 6=61/Mechanical
 Max Horz 2=152(LC 4)
 Max Uplift 4=97(LC 22), 2=-256(LC 4), 6=-44(LC 8)
 Max Grav 4=113(LC 19), 2=382(LC 35), 6=111(LC 35)

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

TOP CHORD 2-8=-374/77, 3-8=-273/84
 BOT CHORD 2-10=-116/251, 7-10=-116/251, 7-11=-116/251, 6-11=-116/251
 WEBS 3-6=-270/124

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 97 lb uplift at joint 4, 256 lb uplift at joint 2 and 44 lb uplift at joint 6.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54, 2-5=-10
 Concentrated Loads (lb)
 Vert: 8=89(F=45, B=45)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss HJ08	Truss Type Diagonal Hip Girder	Qty 2	Ply 1	Job Reference (optional)	T11146705
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Builders FirstSource, Jacksonville, FL 32244

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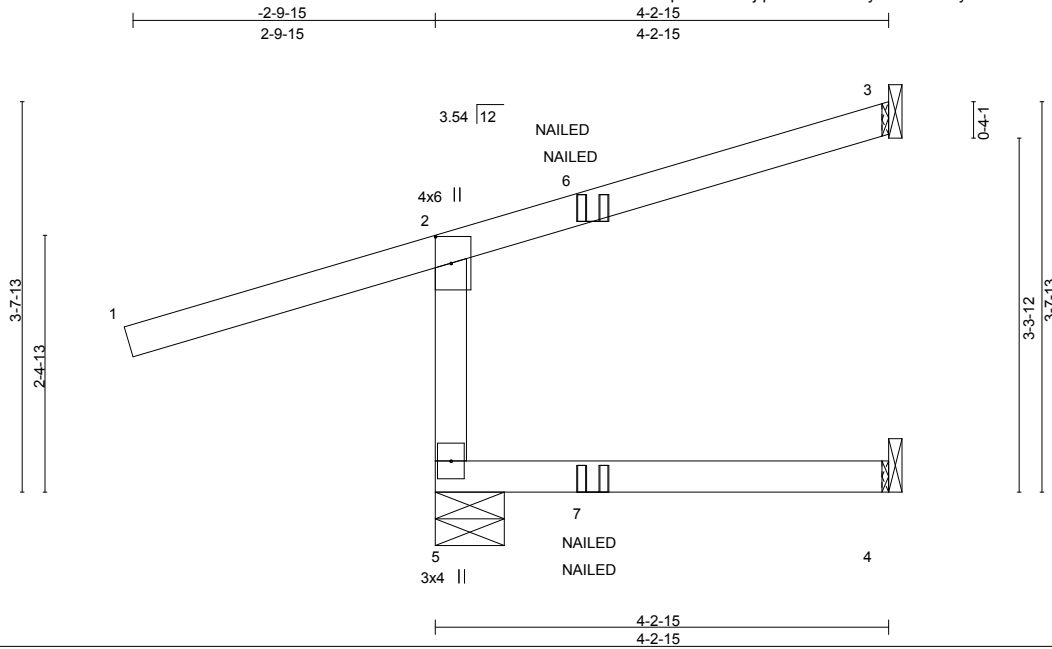


Plate Offsets (X,Y)-- [2:0-3-0-0-1-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.91	Vert(LL)	0.05	4-5	>903	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.40	Vert(TL)	0.06	4-5	>783		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.00	Horz(TL)	-0.17	3	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)					Weight: 20 lb	FT = 20%
	Code FBC2014/TP12007							

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-2-15 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 5=267/0-7-12, 3=30/Mechanical, 4=-4/Mechanical

Max Horz 5=116(LC 5)
 Max Uplift 5=352(LC 4), 3=-75(LC 8), 4=-63(LC 5)
 Max Grav 5=303(LC 35), 3=65(LC 35), 4=41(LC 3)

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

TOP CHORD 2-5=-274/244

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left 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 352 lb uplift at joint 5, 75 lb uplift at joint 3 and 63 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) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-2=-54, 2-3=-54, 4-5=-10

Concentrated Loads (lb)

Vert: 6=99(F=50, B=50) 7=28(F=14, B=14)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



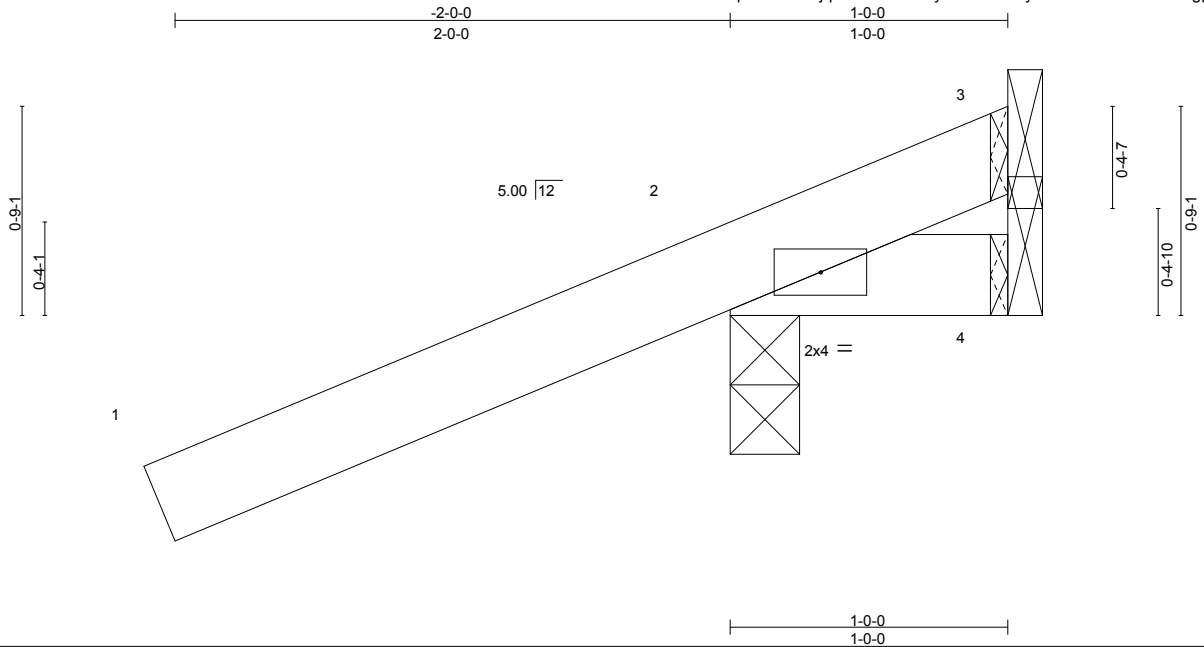
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss J01	Truss Type Jack-Open	Qty 12	Ply 1	Job Reference (optional)	T11146706
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:27 2017 Page 1

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Scale = 1:8.3

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.32	Vert(LL) -0.00	2	>999	240	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.01	Vert(TL) -0.00	2	>999	180		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.00	Horz(TL) -0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)					Weight: 7 lb	FT = 20%
	Code FBC2014/TPI2007							

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 3=95/Mechanical, 2=265/0-3-0, 4=5/Mechanical
Max Horz 2=58(LC 8)
Max Uplift 3=95(LC 1), 2=221(LC 8), 4=8(LC 8)
Max Grav 3=98(LC 8), 2=265(LC 1), 4=14(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; 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 95 lb uplift at joint 3, 221 lb uplift at joint 2 and 8 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



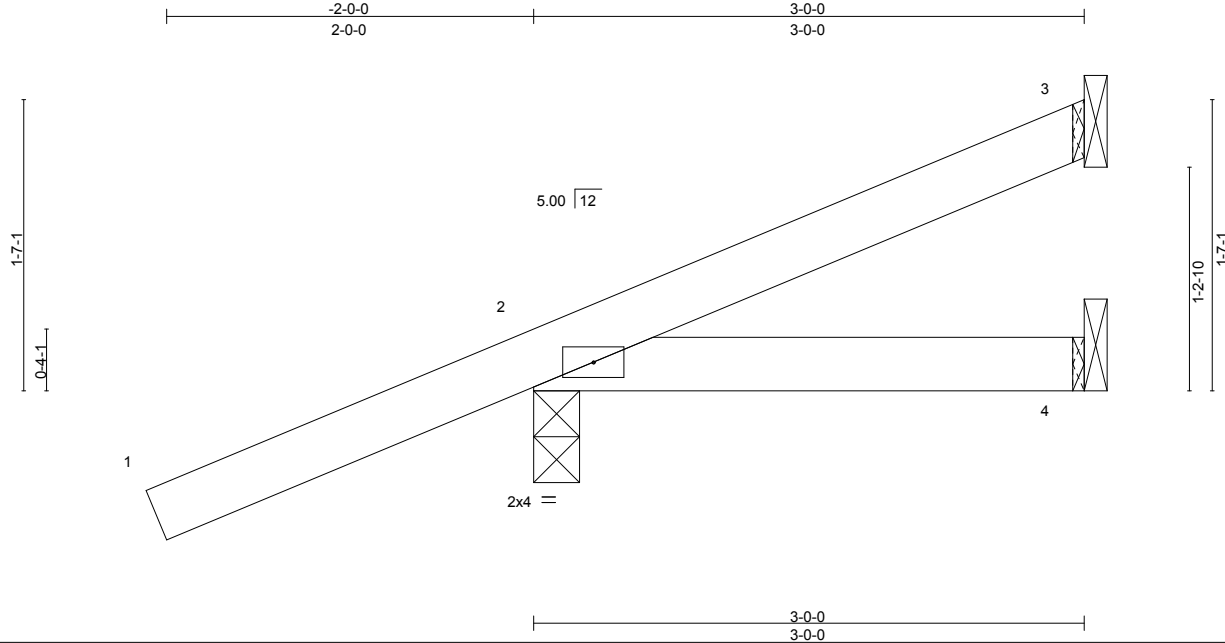
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss J02	Truss Type Jack-Open	Qty 12	Ply 1	Job Reference (optional)	T11146707
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7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:28 2017 Page 1

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Scale = 1:12.6

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.35	Vert(LL) 0.01	2-4	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.11	Vert(TL) -0.01	2-4	>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)					Weight: 13 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS.

(lb/size) 3=30/Mechanical, 2=253/0-3-0, 4=14/Mechanical
Max Horz 2=95(LC 12)
Max Uplift 3=37(LC 12), 2=-187(LC 8), 4=-24(LC 8)
Max Grav 3=30(LC 1), 2=253(LC 1), 4=42(LC 3)

FORCES.

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; 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 37 lb uplift at joint 3, 187 lb uplift at joint 2 and 24 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component**



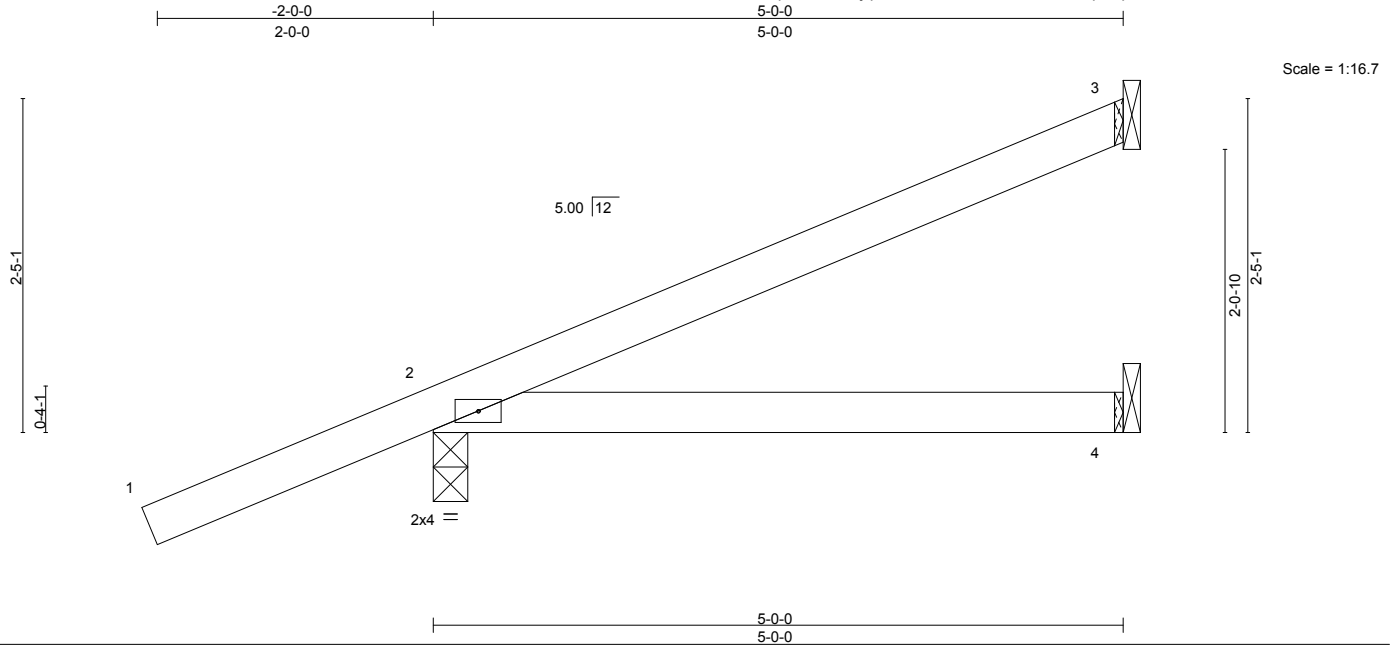
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss J03	Truss Type Jack-Open	Qty 6	Ply 1	Job Reference (optional)	T11146708
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Builders FirstSource, Jacksonville, FL 32244

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ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-QoCz5AUlW5pX4pAxf7shYK5NxJfPG5UiDDhZdzFtwP



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.35	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.34	Vert(LL) 0.07 2-4 >775 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.00	Vert(TL) 0.06 2-4 >962 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2014/TPI2007			Weight: 19 lb	FT = 20%

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

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

REACTIONS. (lb/size) 3=103/Mechanical, 2=298/0-3-0, 4=24/Mechanical
Max Horz 2=136(LC 12)
Max Uplift 3=100(LC 12), 2=208(LC 8), 4=41(LC 8)
Max Grav 3=103(LC 1), 2=298(LC 1), 4=72(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint 3, 208 lb uplift at joint 2 and 41 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



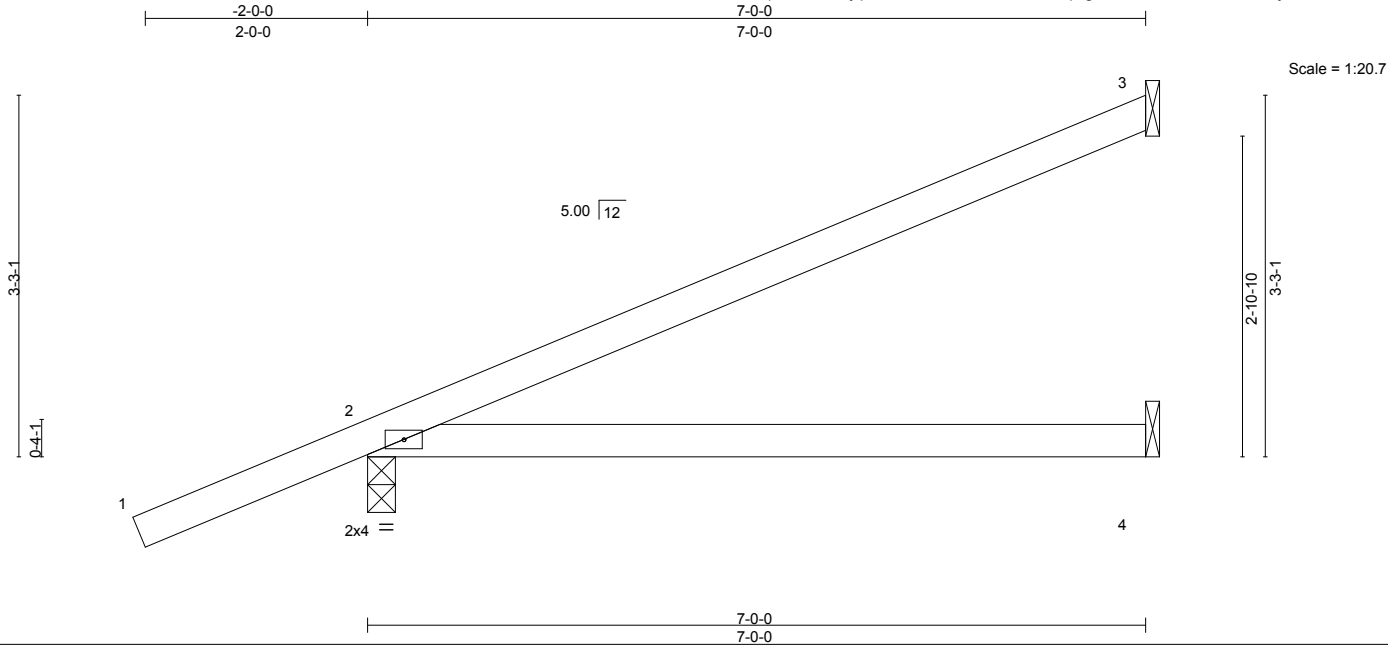
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss J04	Truss Type Jack-Partial	Qty 6	Ply 1	Job Reference (optional)	T11146709
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ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-u?mmARB63qDg9DOMVMe5EmsAKLY78jLdxtzF63zFtwO



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.72	Vert(LL) 0.30	2-4	>277	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.71	Vert(TL) 0.24	2-4	>344	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)					Weight: 25 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 3=165/Mechanical, 2=355/0-3-0, 4=34/Mechanical
Max Horz 2=177(LC 12)
Max Uplift 3=-154(LC 12), 2=-238(LC 8), 4=-58(LC 8)
Max Grav 3=165(LC 1), 2=355(LC 1), 4=102(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; 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 154 lb uplift at joint 3, 238 lb uplift at joint 2 and 58 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



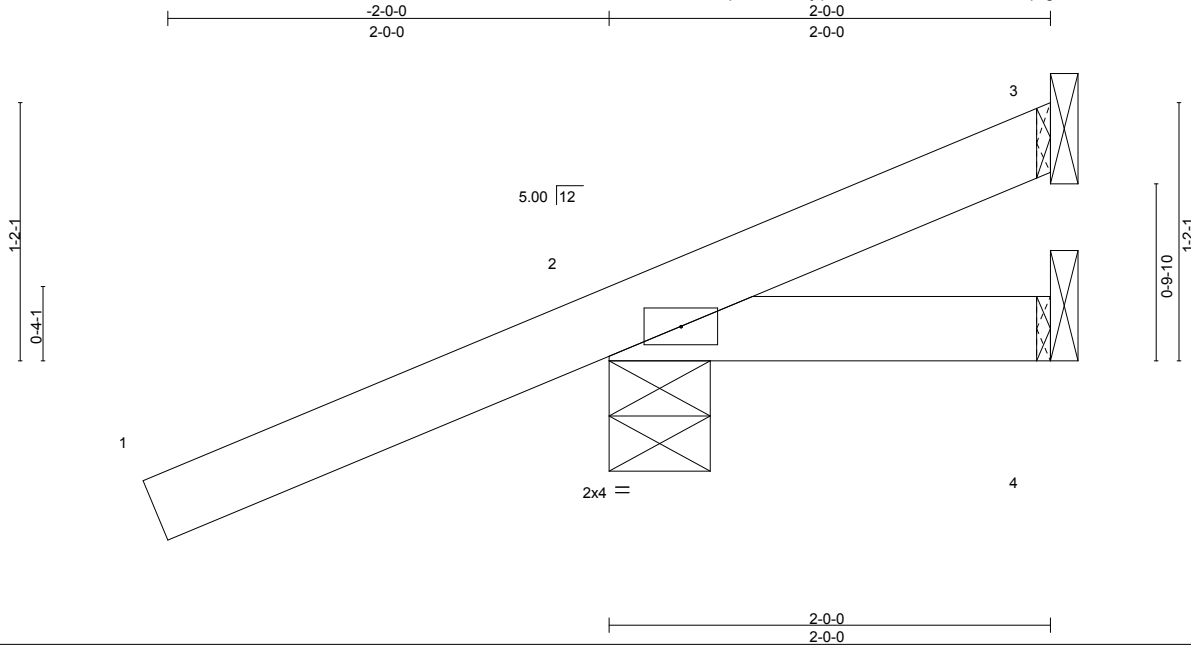
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss J05	Truss Type Jack-Open	Qty 14	Ply 1	Job Reference (optional) T11146710
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Scale = 1:10.4

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.33	Vert(LL) -0.00	2	>999	240	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.03	Vert(TL) -0.00	2-4	>999	180		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.00	Horz(TL) -0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2014/TPI2007						Weight: 10 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 3=9/Mechanical, 2=237/0-5-8, 4=10/Mechanical
Max Horz 2=76(LC 12)
Max Uplift 3=9(LC 1), 2=-161(LC 8)
Max Grav 3=25(LC 8), 2=237(LC 1), 4=29(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 9 lb uplift at joint 3 and 161 lb uplift at joint 2.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



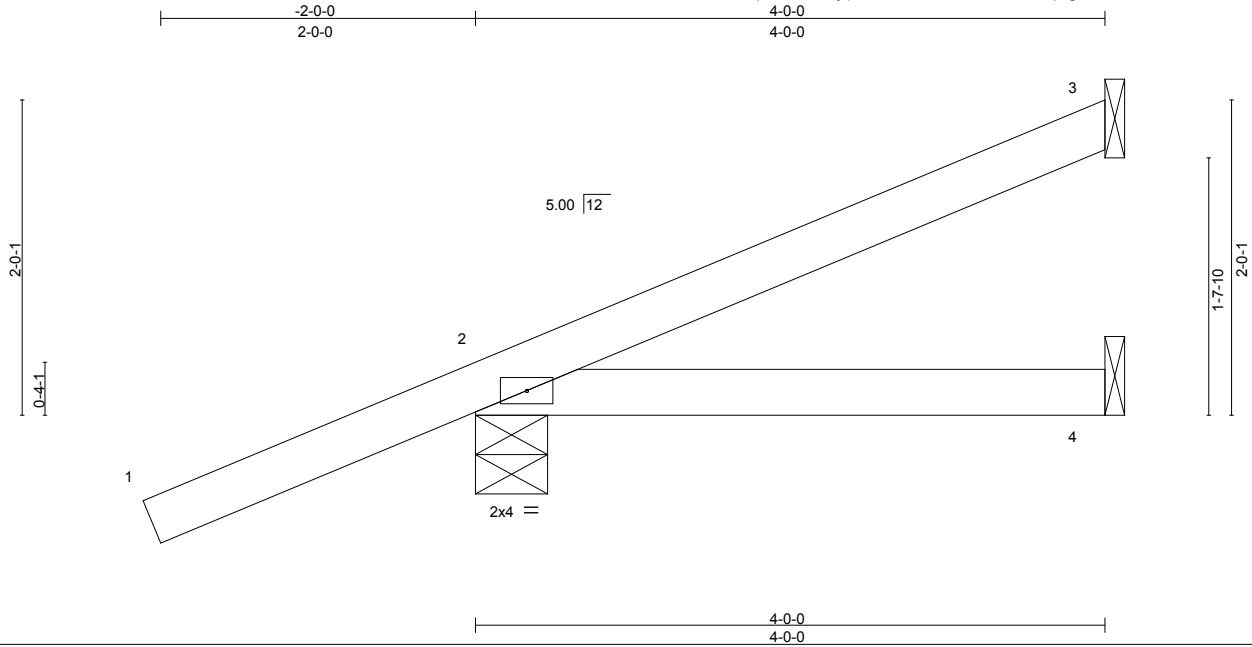
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss J06	Truss Type Jack-Partial	Qty 18	Ply 1	Job Reference (optional)	T11146711
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Builders FirstSource, Jacksonville, FL 32244

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ID:6uMeWwmqVeEx7fGGjqSaDTzVmxC-u?mmARB63qDg9DOMVMe5EmsGdLiE8jLdxtzF63zFtwO



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.38	Vert(LL)	-0.01	2-4	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.12	Vert(TL)	-0.02	2-4	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)					Weight: 16 lb	FT = 20%
	Code FBC2014/TPI2007							

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 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=62/Mechanical, 2=280/0-5-8, 4=19/Mechanical
Max Horz 2=116(LC 12)
Max Uplift 3=66(LC 12), 2=-158(LC 8)
Max Grav 3=62(LC 1), 2=280(LC 1), 4=56(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 66 lb uplift at joint 3 and 158 lb uplift at joint 2.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component**



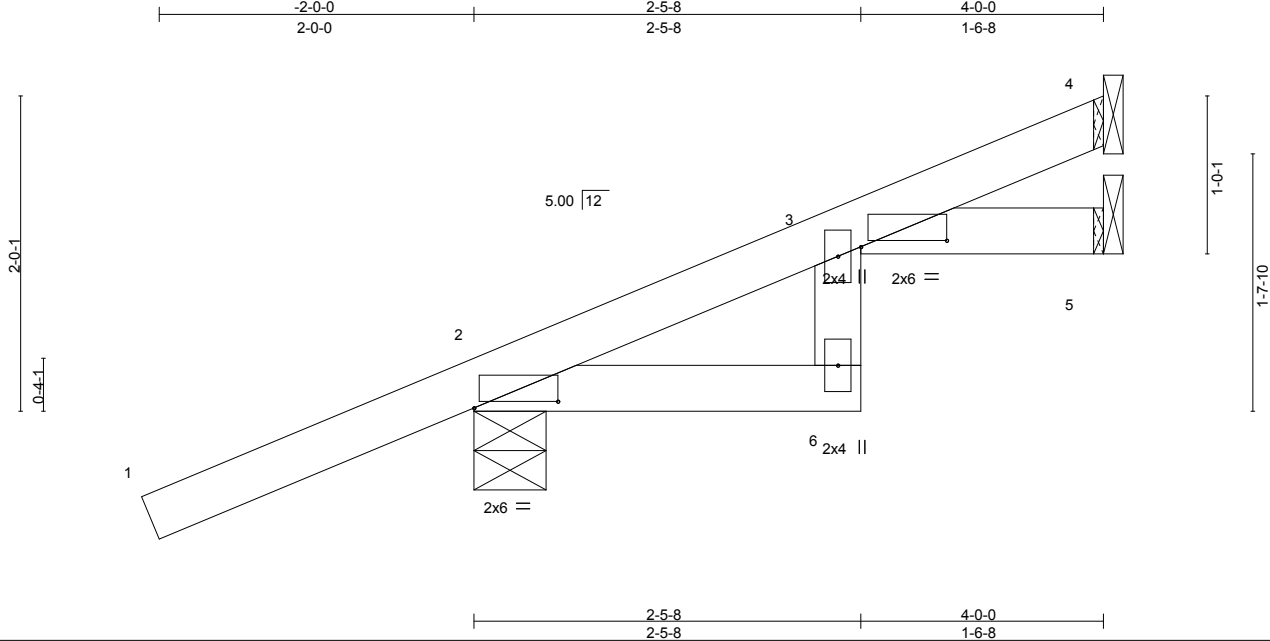
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss J07	Truss Type Jack-Open	Qty 6	Ply 1	Job Reference (optional)	T11146712
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Builders FirstSource, Jacksonville, FL 32244

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ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-MBK8OnCkq8LXmNzY249LmzPRNk1mtAbn9XioeVzFtwN



Scale = 1:14.6

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

LOADING (psf)	SPACING-		CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	2-0-0	TC 0.38	Vert(LL) -0.01	6	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25		BC 0.17	Vert(TL) -0.02	6	>999	180		
BCLL 0.0 *	Rep Stress Incr YES		WB 0.00	Horz(TL) 0.01	5	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007		(Matrix)					Weight: 17 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 4=53/Mechanical, 2=280/0-5-8, 5=28/Mechanical
 Max Horz 2=116(LC 12)
 Max Uplift 4=43(LC 12), 2=-158(LC 8), 5=-11(LC 12)
 Max Grav 4=53(LC 1), 2=280(LC 1), 5=42(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) V_{asd}=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GC_{pi}=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 43 lb uplift at joint 4, 158 lb uplift at joint 2 and 11 lb uplift at joint 5.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

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6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss J08	Truss Type Jack-Partial	Qty 7	Ply 1	Job Reference (optional)	T11146713
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ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-MBK8OnCkq8LXmNzY249LmzPRNK?qtAbn9XioeVzFtwN

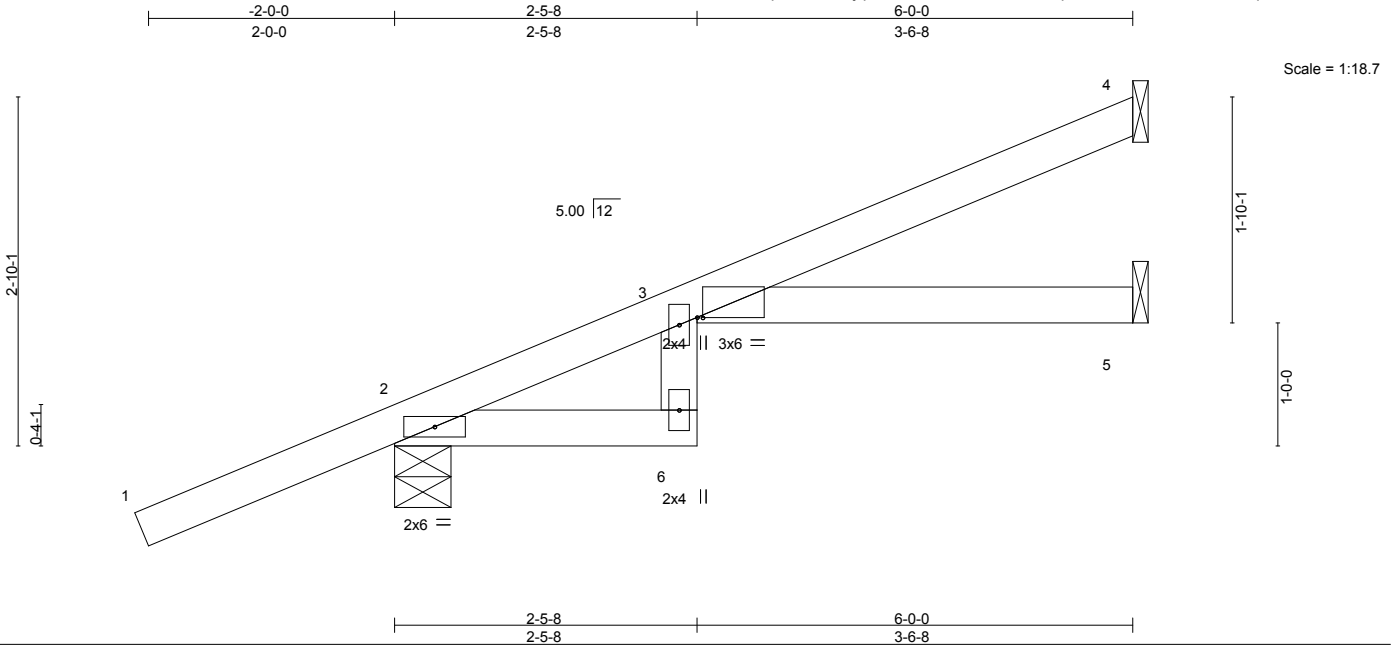


Plate Offsets (X,Y)-- [3:0-0-9:0-0-0]

LOADING (psf)	SPACING-		CSI.	DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	2-0-0	TC 0.38	Vert(LL) 0.08	3-5	>867	240		MT20	244/190
TCDL 7.0	Lumber DOL 1.25		BC 0.29	Vert(TL) -0.11	3-5	>636	180			
BCLL 0.0 *	Rep Stress Incr YES		WB 0.00	Horz(TL) 0.05	5	n/a	n/a			
BCDL 5.0	Code FBC2014/TP12007		(Matrix)						Weight: 23 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2 *Except*
 3-6: 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. (lb/size) 4=107/Mechanical, 2=331/0-5-8, 5=50/Mechanical
 Max Horz 2=156(LC 12)
 Max Uplift 4=90(LC 12), 2=-165(LC 12), 5=-17(LC 12)
 Max Grav 4=107(LC 1), 2=331(LC 1), 5=72(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 90 lb uplift at joint 4, 165 lb uplift at joint 2 and 17 lb uplift at joint 5.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component**



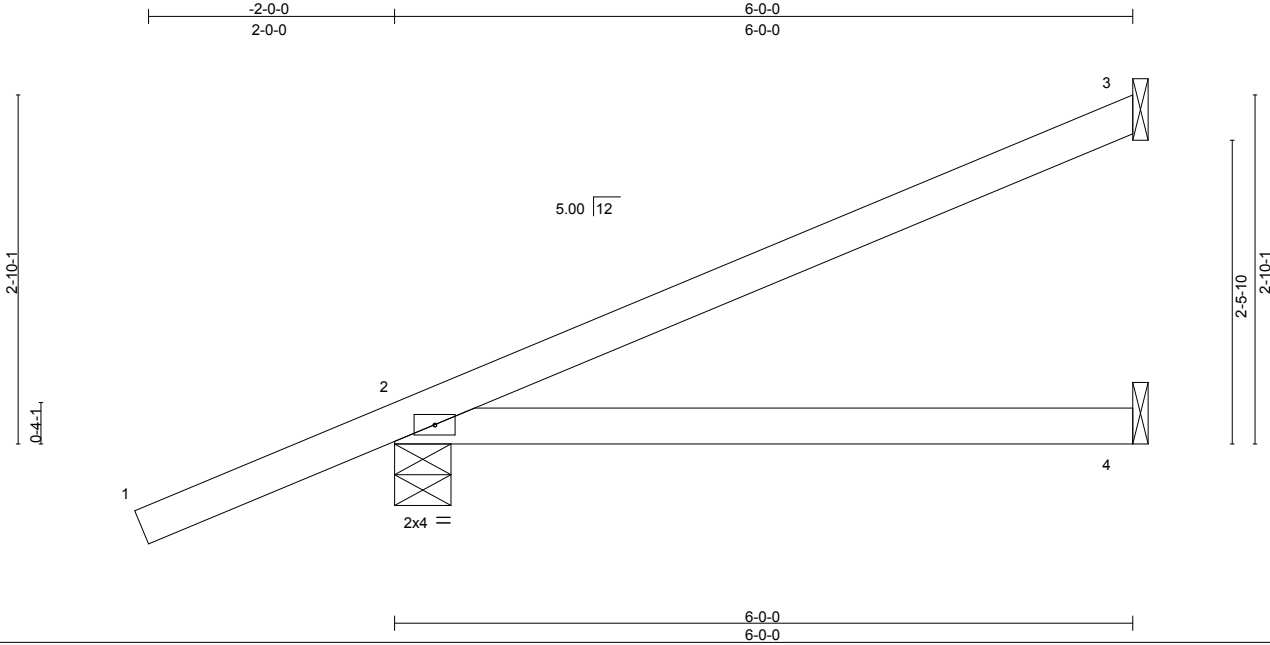
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss J09	Truss Type Jack-Partial	Qty 1	Ply 1	Job Reference (optional)	T11146714
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7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:31 2017 Page 1

ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-qNuWb7CNbRTNOXXlcnGaJByat8LlCdrwOBSLAYzFtwM



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.46	Vert(LL) -0.06	2-4	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.31	Vert(TL) -0.11	2-4	>615	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)					Weight: 22 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 3=129/Mechanical, 2=331/0-5-8, 4=29/Mechanical
Max Horz 2=156(LC 12)
Max Uplift 3=-124(LC 12), 2=-165(LC 12)
Max Grav 3=129(LC 1), 2=331(LC 1), 4=86(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 124 lb uplift at joint 3 and 165 lb uplift at joint 2.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



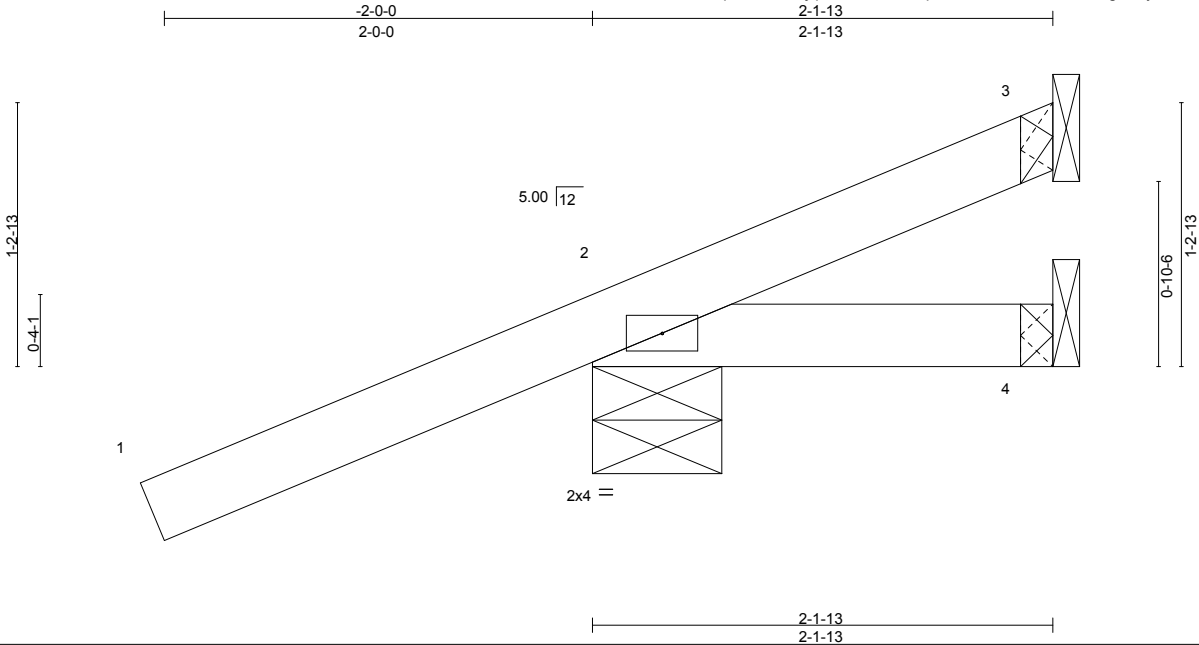
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss J10	Truss Type Jack-Open	Qty 4	Ply 1	Job Reference (optional)	T11146715
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Builders FirstSource, Jacksonville, FL 32244

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ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-qNuWb7CNbRTNOXXlcngeJBybk8PDcdwOBSLAyzFtwM



Scale = 1:10.8

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.41	Vert(LL) -0.00	2	>999	240	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.03	Vert(TL) -0.00	2-4	>999	180		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.00	Horz(TL) -0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)					Weight: 10 lb	FT = 20%
	Code FBC2014/TPI2007							

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-1-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=36/Mechanical, 2=269/0-7-4, 4=9/Mechanical
Max Horz 2=78(LC 12)
Max Uplift 3=36(LC 1), 2=187(LC 8)
Max Grav 3=45(LC 8), 2=269(LC 1), 4=27(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 36 lb uplift at joint 3 and 187 lb uplift at joint 2.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component**

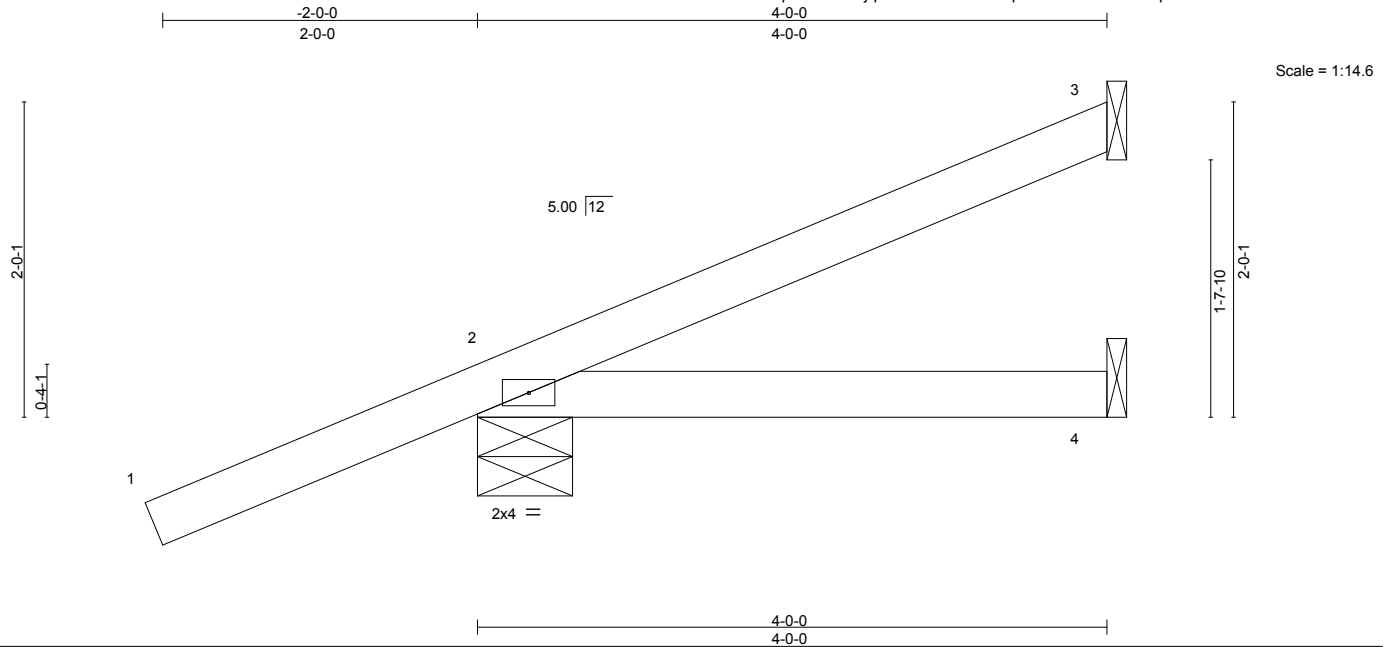


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Tampa, FL 36610

Job 1024906	Truss J11	Truss Type Jack-Partial	Qty 1	Ply 1	Job Reference (optional)	T11146716
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Builders FirstSource, Jacksonville, FL 32244

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ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-laSvpTD?MibE0h6xAVBprOUmUYk0L444drBviOzFtwL



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.41	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.12	Vert(LL) -0.01 2-4 >999 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.00	Vert(TL) -0.02 2-4 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2014/TPI2007			Weight: 16 lb	FT = 20%

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

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

REACTIONS. (lb/size) 3=57/Mechanical, 2=285/0-7-4, 4=18/Mechanical
Max Horz 2=116(LC 12)
Max Uplift 3=63(LC 12), 2=-162(LC 8)
Max Grav 3=57(LC 1), 2=285(LC 1), 4=55(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 3 and 162 lb uplift at joint 2.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

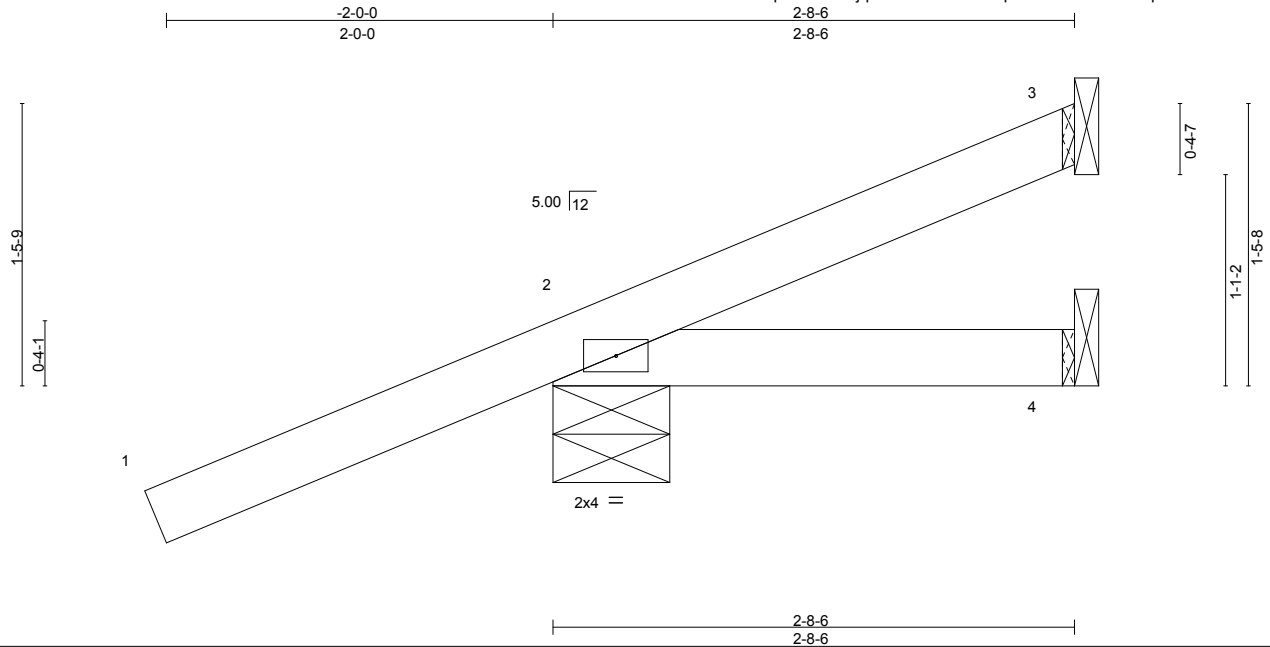


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Tampa, FL 36610

Job 1024906	Truss J12	Truss Type Jack-Open	Qty 2	Ply 1	Job Reference (optional)	T11146717
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ID:6uMeWwmqVeEx7fGGjqSaDTzVmxC-laSvpTD?MibE0h6xAVBprOUmTYl9L444drBviOzFtwL



LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.41	Vert(LL)	-0.00	2-4	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.04	Vert(TL)	-0.00	2-4	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)					Weight: 12 lb	FT = 20%
	Code FBC2014/TPI2007							

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-8-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=1/Mechanical, 2=266/0-7-4, 4=12/Mechanical
Max Horz 2=89(LC 12)
Max Uplift 3=-15(LC 12), 2=-174(LC 8)
Max Grav 3=18(LC 8), 2=266(LC 1), 4=35(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 15 lb uplift at joint 3 and 174 lb uplift at joint 2.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component**



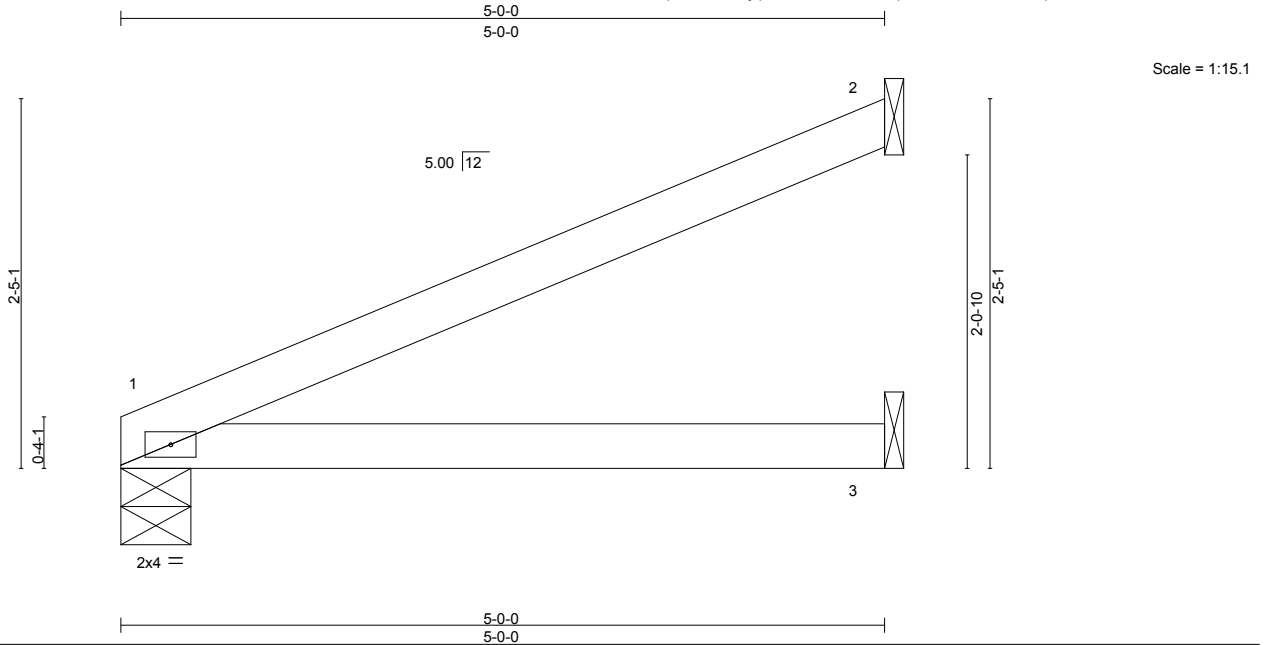
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss J13	Truss Type Jack-Partial	Qty 1	Ply 1	Job Reference (optional)	T11146718
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Builders FirstSource, Jacksonville, FL 32244

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ID:6uMeWwmqVeEx7fGGjqSaDTzVmxC-laSvpTD?MibE0h6xAVBprOUmLYieL444drBviOzFtwL



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.41	Vert(LL)	-0.03	1-3	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.21	Vert(TL)	-0.05	1-3	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.00	Horz(TL)	-0.00	2	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)					Weight: 16 lb	FT = 20%
	Code FBC2014/TPI2007							

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 1=151/0-5-8, 2=127/Mechanical, 3=24/Mechanical
Max Horz 1=102(LC 12)
Max Uplift 1=58(LC 12), 2=-117(LC 12)
Max Grav 1=151(LC 1), 2=127(LC 1), 3=71(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 58 lb uplift at joint 1 and 117 lb uplift at joint 2.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



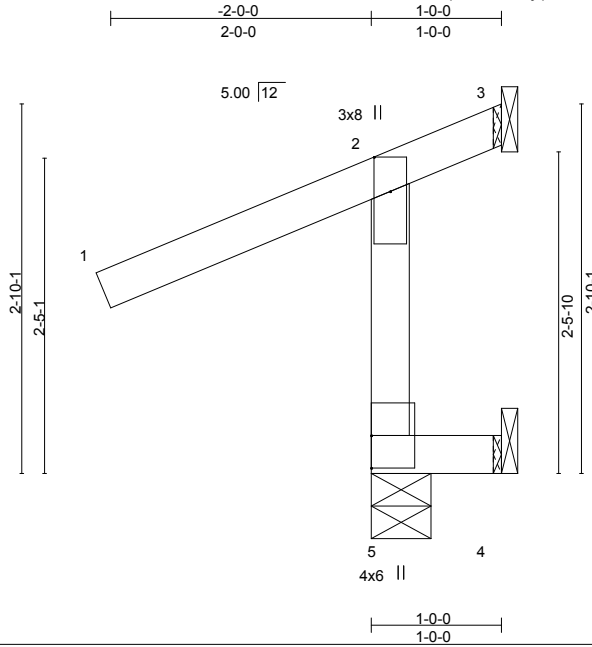
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss J14	Truss Type Jack-Open	Qty 4	Ply 1	T11146719
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ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-mm?H0oEd73j5drh7kCj2Oc1vDy2N4XKDrVxSFqzFtwk



Scale = 1:17.7

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.53	Vert(LL) 0.00 5	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.24	Vert(TL) 0.00 5	>999	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.03 3	n/a	n/a		
BCDL 5.0	Code FBC2014/TPI2007	(Matrix)				Weight: 9 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 5=302/0-5-8, 3=-115/Mechanical, 4=-14/Mechanical
 Max Horz 5=90(LC 9)
 Max Uplift 5=-152(LC 8), 3=-115(LC 1), 4=-82(LC 9)
 Max Grav 5=302(LC 1), 3=63(LC 8), 4=28(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-5=-279/327

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; 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 152 lb uplift at joint 5, 115 lb uplift at joint 3 and 82 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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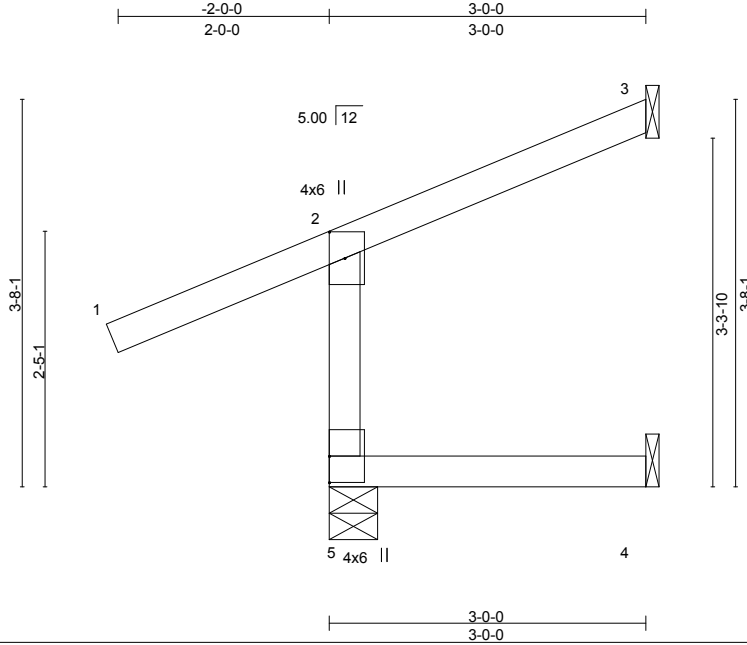
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss J15	Truss Type Jack-Partial	Qty 4	Ply 1	Job Reference (optional)	T11146720
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ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-rmm?H0oEd73j5drh7kCj2Oc1siy0E4XKDrVxSFqzFtwk



Scale = 1:21.8

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

LOADING (psf)	SPACING-		CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	2-0-0	TC 0.76	Vert(LL) 0.02	4-5	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25		BC 0.37	Vert(TL) 0.02	4-5	>999	180		
BCLL 0.0 *	Rep Stress Incr YES		WB 0.00	Horz(TL) -0.09	3	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007		(Matrix)					Weight: 16 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 5=255/0-5-8, 3=36/Mechanical, 4=6/Mechanical

Max Horz 5=117(LC 9)
 Max Uplift 5=108(LC 8), 3=67(LC 12), 4=27(LC 9)
 Max Grav 5=255(LC 1), 3=36(LC 1), 4=38(LC 3)

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

TOP CHORD 2-5=-234/259

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; 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 108 lb uplift at joint 5, 67 lb uplift at joint 3 and 27 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.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T01	Truss Type Roof Special Girder	Qty 1	Ply 1	Job Reference (optional) T11146721
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:35 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-j971RUGtfgzpt8rWrdlWT16GDIYTYFxFWjPQZJzFtw

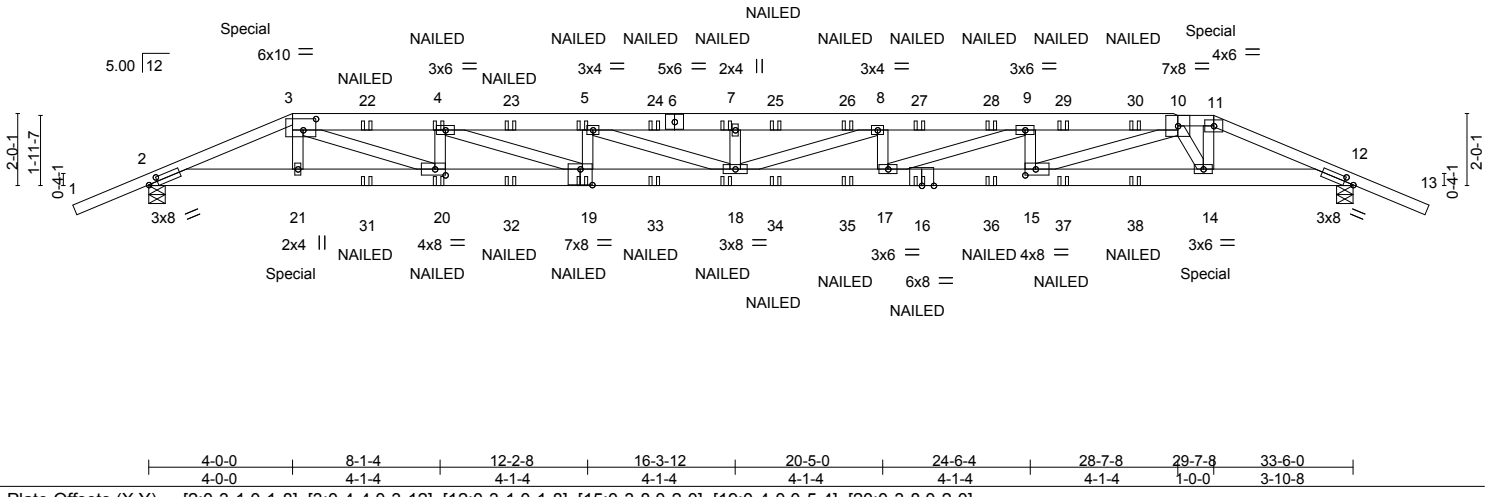
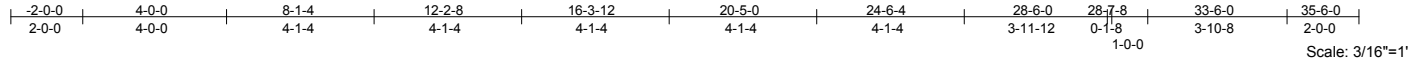


Plate Offsets (X,Y)-- [2:0-3-1.0-1-8], [3:0-4-4.0-3-12], [12:0-3-1.0-1-8], [15:0-3-8.0-2-0], [19:0-4-0.0-5-4], [20:0-3-8.0-2-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.50	Vert(LL)	0.78	18	>508	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.97	Vert(TL)	-1.23	18	>323		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.83	Horz(TL)	0.14	12	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)						
	Code FBC2014/TP12007						Weight: 206 lb	FT = 20%


LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* 6-10,3-6: 2x6 SP No.2	TOP CHORD Structural wood sheathing directly applied or 2-8-12 oc purlins.
BOT CHORD 2x6 SP No.2 *Except* 16-19: 2x6 SP M 26	BOT CHORD Rigid ceiling directly applied or 4-8-2 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) 2=1308/0-5-8, 12=1309/0-5-8
Max Horz 2=31(LC 34)
Max Uplift 2=655(LC 4), 12=657(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2689/1413, 3-22=-4460/2360, 4-22=-4461/2361, 4-23=-5734/3017, 5-23=-5734/3017,
5-24=-6119/3219, 6-24=-6119/3219, 6-7=-6119/3219, 7-25=-6119/3219, 7-25=-6119/3219,
25-26=-6119/3219, 8-26=-6119/3219, 8-27=-5887/3099, 27-28=-5887/3099,
9-28=-5887/3099, 9-29=-4810/2537, 29-30=-4810/2537, 10-30=-4810/2537,
10-11=-2444/1308, 11-12=-2611/1363
BOT CHORD 2-21=-1240/2438, 21-31=-1237/2443, 20-31=-1237/2443, 20-32=-2285/4461,
19-32=-2285/4461, 19-33=-2949/5734, 18-33=-2949/5734, 18-34=-3044/5887,
34-35=-3044/5887, 17-35=-3044/5887, 16-17=-2482/4810, 16-36=-2482/4810,
15-36=-2482/4810, 15-37=-1532/2953, 37-38=-1532/2953, 14-38=-1532/2953,
12-14=-1208/2353
WEBS 3-20=-1146/2168, 4-20=-739/453, 4-19=-711/1361, 5-19=-398/272, 5-18=-228/411,
8-18=-138/250, 8-17=-345/247, 9-17=-612/1153, 9-15=-629/399, 10-15=-1031/1988,
10-14=-1076/601, 11-14=-468/1000

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint 2 and 657 lb uplift at joint 12.
 - "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 60 lb down and 140 lb up at 4-0-0, and 56 lb down and 140 lb up at 29-7-8 on top chord, and 134 lb down and 43 lb up at 4-0-0, and 134 lb down and 43 lb up at 29-5-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T01	Truss Type Roof Special Girder	Qty 1	Ply 1	T11146721
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:35 2017 Page 2
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-j971RUGtfgzpt8rWrdlWT16GDIYTYFxFWJpQZJjzFtwl

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-54, 3-11=-54, 11-13=-54, 2-12=-10

Concentrated Loads (lb)

Vert: 3=-13(F) 11=-13(F) 21=-15(F) 20=-9(F) 4=-8(F) 19=-9(F) 5=-8(F) 18=-9(F) 7=-8(F) 14=-15(F) 16=-9(F) 22=-8(F) 23=-8(F) 24=-8(F) 25=-8(F) 26=-8(F) 27=-8(F) 28=-8(F) 29=-8(F) 30=-8(F) 31=-9(F) 32=-9(F) 33=-9(F) 34=-9(F) 35=-9(F) 36=-9(F) 37=-9(F) 38=-9(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



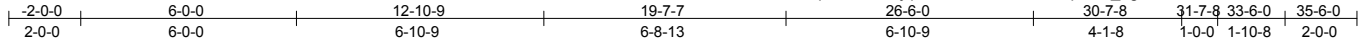
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T02	Truss Type Roof Special Girder	Qty 1	Ply 1	Job Reference (optional) T11146722
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:36 2017 Page 1

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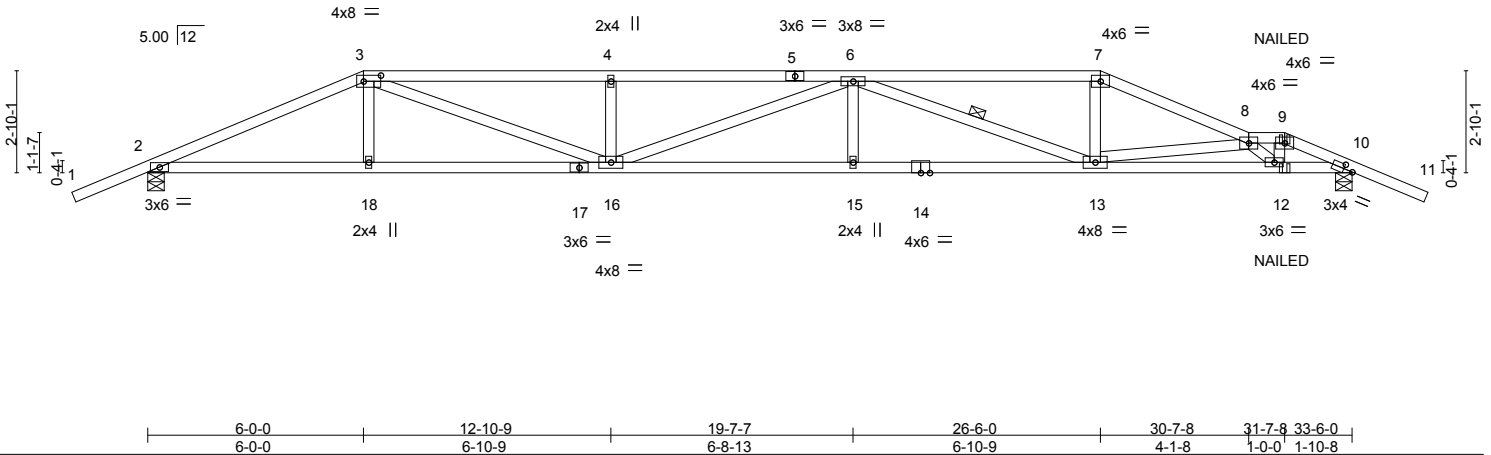


Plate Offsets (X,Y)--	[3:0-5-12,0-2-0], [10:0-3-0,0-1-8]
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LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.87	Vert(LL)	-0.38 15-16	>999	240	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.88	Vert(TL)	-0.73 15-16	>540	180		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.55	Horz(TL)	0.17 10	n/a	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)					Weight: 160 lb	FT = 20%
	Code FBC2014/TP12007							

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

BRACING-
 TOP CHORD Structural wood sheathing directly applied.
 BOT CHORD Rigid ceiling directly applied or 6-2-13 oc bracing.
 WEBS 1 Row at midpt 6-13

REACTIONS. (lb/size) 2=1179/0-5-8, 10=1140/0-5-8
 Max Horz 2=42(LC 9)
 Max Uplift 2=344(LC 4), 10=361(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2217/597, 3-4=-3265/964, 4-5=-3265/964, 5-6=-3265/964, 6-7=-2247/644,
 7-8=-2419/668, 8-9=-1791/496, 9-10=-1881/511
 BOT CHORD 2-18=-473/1969, 17-18=-471/1973, 16-17=-471/1973, 15-16=-901/3336, 14-15=-901/3336,
 13-14=-901/3336, 12-13=-727/2761, 10-12=-424/1638
 WEBS 3-16=-441/1446, 4-16=-389/183, 6-13=-1255/398, 7-13=-130/607, 8-13=-573/202,
 8-12=-1350/401, 9-12=-230/889

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 344 lb uplift at joint 2 and 361 lb uplift at joint 10.
 - "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
 - In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

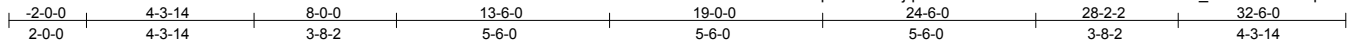
LOAD CASE(S) Standard
 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-7=-54, 7-8=-54, 8-9=-54, 9-11=-54, 2-10=-10
 Concentrated Loads (lb)
 Vert: 9=43(B)

Job 1024906	Truss T03	Truss Type Hip	Qty 1	Ply 1	T11146723
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Builders FirstSource, Jacksonville, FL 32244

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ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-fXfosAH7BHDx6S?uz2n_YRCcfZIF0D0pm7vgOczFtwG



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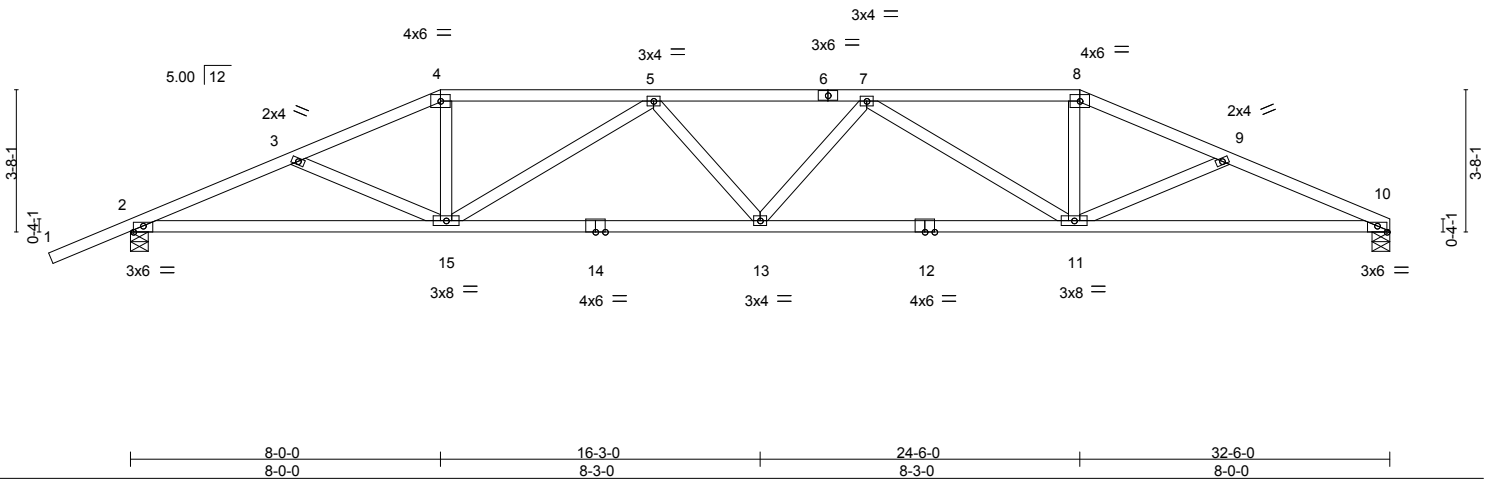


Plate Offsets (X,Y)-- [2:0-3-0,Edge], [10:0-3-0,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.51	Vert(LL)	-0.22	13	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.69	Vert(TL)	-0.44	13-15	>871		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.57	Horz(TL)	0.13	10	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2014/TP12007						Weight: 154 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-7-9 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 5-2-14 oc bracing.

REACTIONS. (lb/size) 10=1021/0-5-8, 2=1153/0-5-8
 Max Horz 2=64(LC 12)
 Max Uplift 10=-241(LC 8), 2=-319(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2158/1259, 3-4=-1972/1139, 4-5=-1807/1100, 5-6=-2402/1428, 6-7=-2402/1428,
 7-8=-1830/1118, 8-9=-1998/1160, 9-10=-2211/1311
 BOT CHORD 2-15=-1087/1920, 14-15=-1263/2366, 13-14=-1263/2366, 12-13=-1269/2374,
 11-12=-1269/2374, 10-11=-1145/1989
 WEBS 4-15=-241/494, 5-15=-730/414, 7-11=-720/393, 8-11=-256/512

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 241 lb uplift at joint 10 and 319 lb uplift at joint 2.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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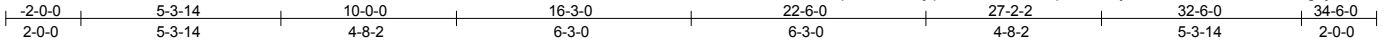
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T04	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional) T11146724
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Builders FirstSource, Jacksonville, FL 32244

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ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-7kpA3WlmybLokca5WIID5fkmxzcOlgxy?neDw2zFtwf



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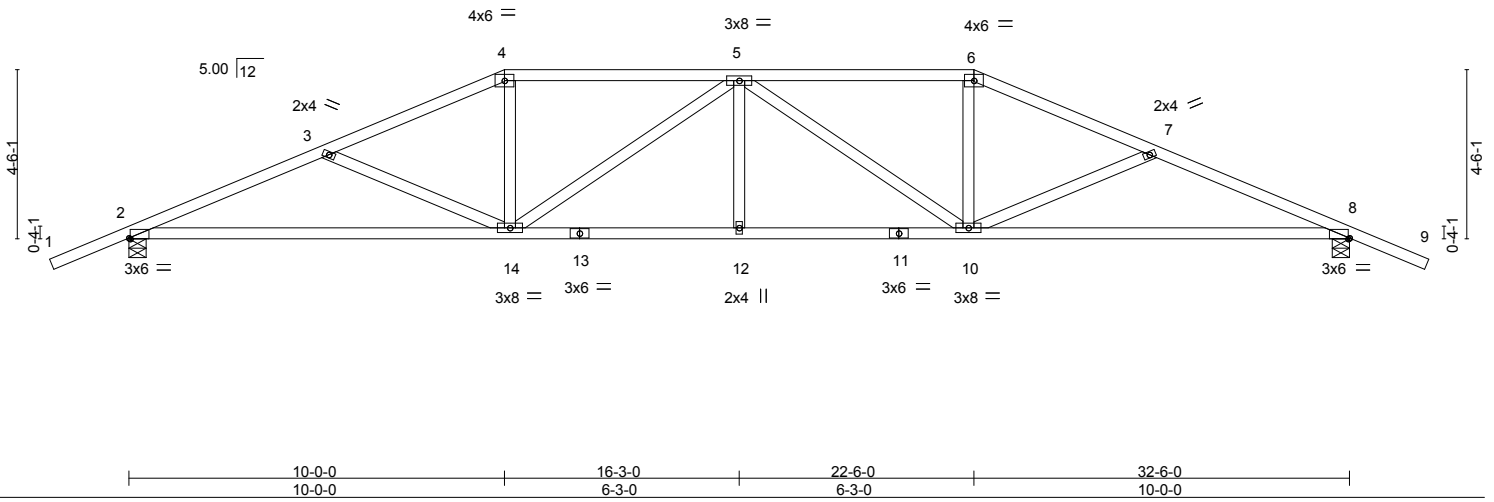


Plate Offsets (X,Y)-- [2:0-0-6,Edge], [8:0-0-6,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.54	Vert(LL) -0.29	8-10	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.82	Vert(TL) -0.56	8-10	>692	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.49	Horz(TL) 0.12	8	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 160 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 2=1149/0-5-8, 8=1149/0-5-8
 Max Horz 2=63(LC 13)
 Max Uplift 2=300(LC 8), 8=300(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2136/1267, 3-4=-1841/1075, 4-5=-1665/1044, 5-6=-1665/1044, 6-7=-1841/1075,
 7-8=-2136/1267
 BOT CHORD 2-14=-1018/1903, 13-14=-968/1967, 12-13=-968/1967, 11-12=-968/1967,
 10-11=-968/1967, 8-10=-1050/1903
 WEBS 3-14=-280/303, 4-14=-191/425, 5-14=-472/244, 5-10=-472/244, 6-10=-191/425,
 7-10=-280/303

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 300 lb uplift at joint 2 and 300 lb uplift at joint 8.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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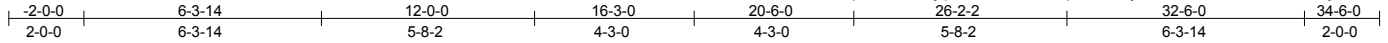
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T05	Truss Type Hip	Qty 1	Ply 1	T11146725
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Builders FirstSource, Jacksonville, FL 32244

Job Reference (optional)

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:38 2017 Page 1
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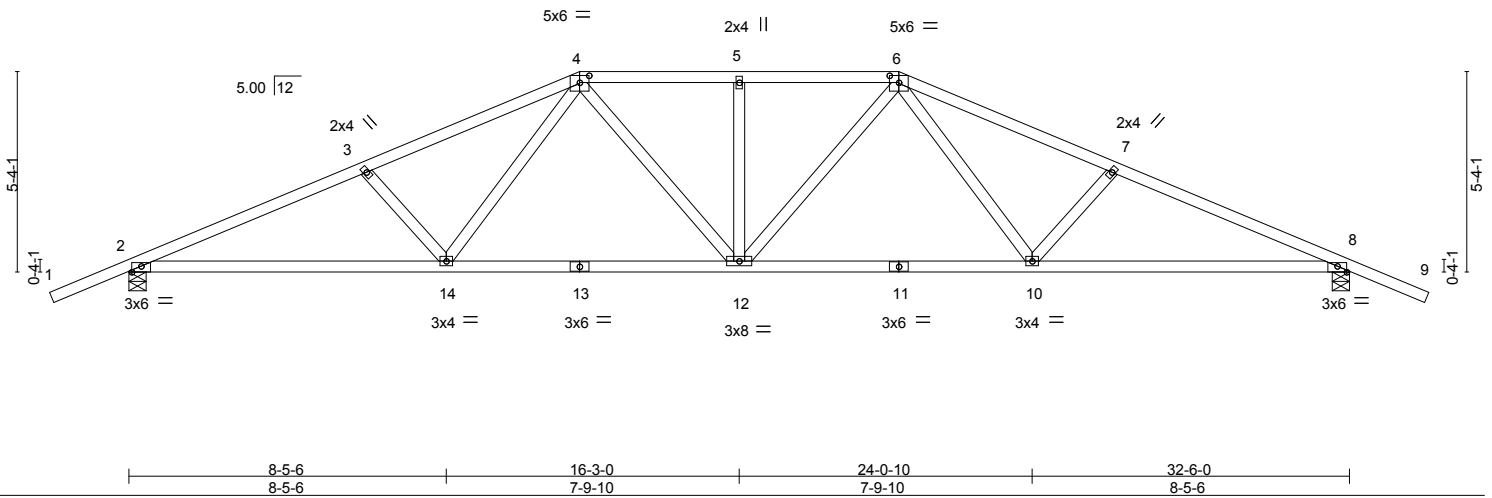


Plate Offsets (X,Y)-- [2:0-3-0,Edge], [4:0-3-0,0-2-4], [6:0-3-0,0-2-4], [8:0-3-0,Edge]

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 0.53	Vert(LL)	-0.15 12	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.66	Vert(TL)	-0.31 10-12	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.17	Horz(TL)	0.11 8	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007		(Matrix)					Weight: 159 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-8-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-9-8 oc bracing.

REACTIONS. (lb/size) 2=1149/0-5-8, 8=1149/0-5-8
Max Horz 2=73(LC 12)
Max Uplift 2=-282(LC 8), 8=-282(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2136/1257, 3-4=-1920/1184, 4-5=-1625/1062, 5-6=-1625/1062, 6-7=-1920/1184, 7-8=-2136/1257
BOT CHORD 2-14=-1003/1900, 13-14=-695/1495, 12-13=-695/1495, 11-12=-701/1495, 10-11=-701/1495, 8-10=-1035/1900
WEBS 3-14=-297/314, 4-14=-227/385, 4-12=-89/324, 6-12=-89/324, 6-10=-227/385, 7-10=-297/314

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 282 lb uplift at joint 2 and 282 lb uplift at joint 8.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANS/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



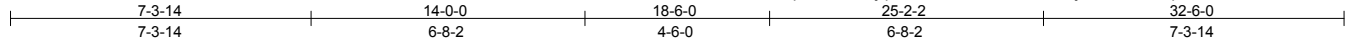
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T06	Truss Type Hip	Qty 1	Ply 1	T11146726
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Builders FirstSource, Jacksonville, FL 32244

Job Reference (optional)
7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:39 2017 Page 1

ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-bwNYHsJOjvTFLm9H4TpSesHuMN?CU4Z6ERomSUzFtwE



Scale = 1:56.2

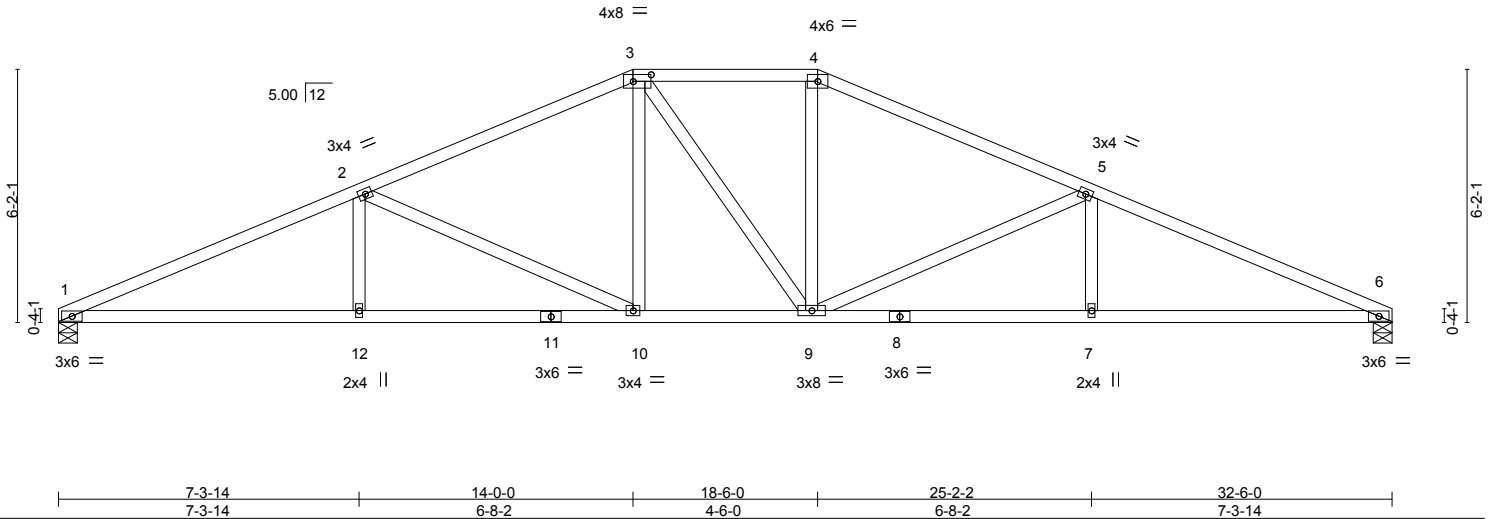


Plate Offsets (X,Y)-- [3:0-5-4,0-2-0]

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 0.75	Vert(LL)	-0.15	10	>999	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.59	Vert(TL)	-0.30	10-12	>999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.66	Horz(TL)	0.12	6	n/a		
BCDL 5.0	Code	FBC2014/TP12007	(Matrix)						
								Weight: 157 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 5-6-3 oc bracing.

REACTIONS.

(lb/size) 1=1025/0-5-8, 6=1025/0-5-8
 Max Horz 1=73(LC 12)
 Max Uplift 1=-240(LC 12), 6=-240(LC 13)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-2160/1296, 2-3=-1577/1008, 3-4=-1389/989, 4-5=-1577/1009, 5-6=-2160/1296
 BOT CHORD 1-12=-1106/1936, 11-12=-1106/1936, 10-11=-1106/1936, 9-10=-673/1389,
 8-9=-1106/1936, 7-8=-1106/1936, 6-7=-1106/1936
 WEBS 2-10=-616/479, 3-10=-166/326, 4-9=-166/326, 5-9=-616/479

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 240 lb uplift at joint 1 and 240 lb uplift at joint 6.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component**



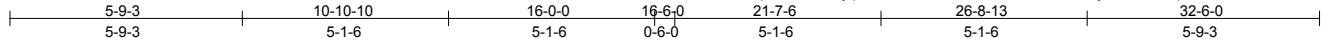
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T07	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional)	T11146727
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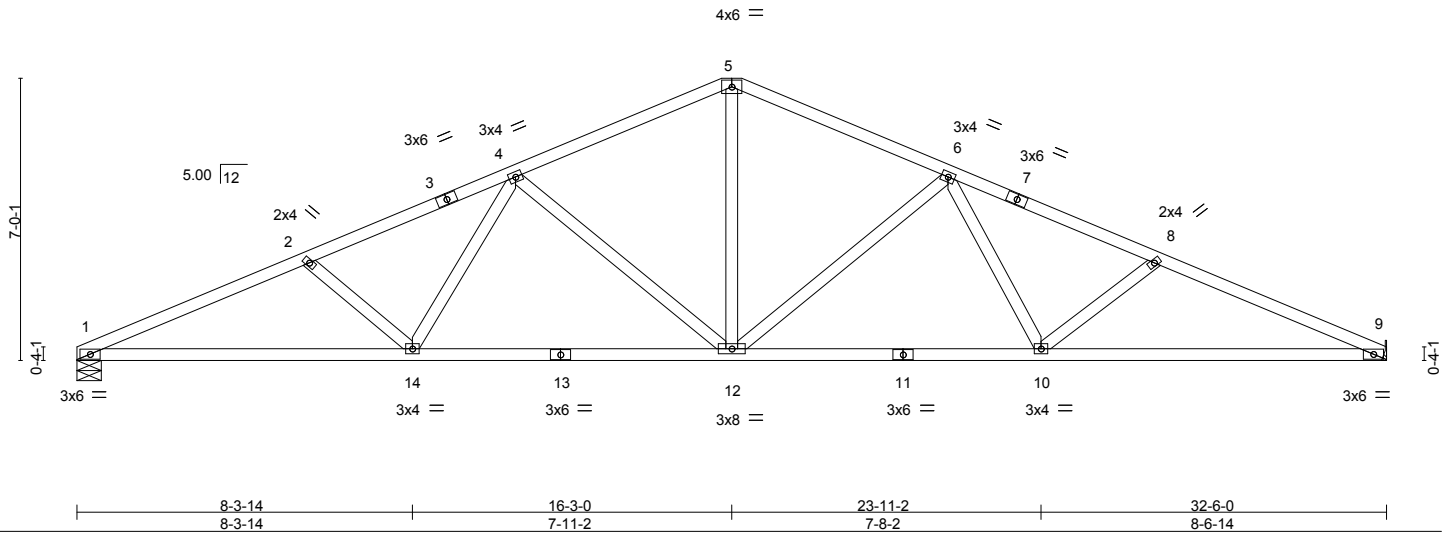
Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:40 2017 Page 1

ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-36xwUCJOTCb6zWjTeALhA4q6hmJaDZrFS57K?wzFtwD



Scale = 1:57.2



LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 0.0 * BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.25 Lumber DOL 1.25 Rep Stress Incr YES Code FBC2014/TPI2007	CSI. TC 0.52 BC 0.71 WB 0.53 (Matrix)	DEFL. in (loc) l/defl L/d Vert(LL) -0.18 9-10 >999 240 Vert(TL) -0.37 9-10 >999 180 Horz(TL) 0.11 9 n/a n/a	PLATES GRIP MT20 244/190 Weight: 156 lb FT = 20%
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LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-3-15 oc bracing.

REACTIONS. (lb/size) 1=1028/0-7-4, 9=1028/Mechanical
Max Horz 1=85(LC 12)
Max Uplift 1=-253(LC 12), 9=-255(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2181/1356, 2-3=-1968/1240, 3-4=-1870/1255, 4-5=-1394/961, 5-6=-1394/961,
6-7=-1891/1266, 7-8=-1989/1251, 8-9=-2241/1398
BOT CHORD 1-14=-1172/1956, 13-14=-889/1622, 12-13=-889/1622, 11-12=-899/1641,
10-11=-899/1641, 9-10=-1219/2025
WEBS 2-14=-264/278, 4-14=-154/341, 4-12=-527/418, 6-12=-549/431, 6-10=-166/358,
8-10=-312/316, 5-12=-508/756

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCp=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
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 253 lb uplift at joint 1 and 255 lb uplift at joint 9.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



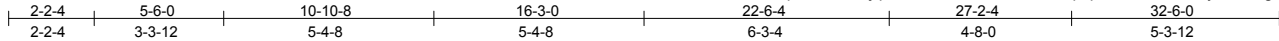
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T09	Truss Type Roof Special	Qty 1	Ply 1	Job Reference (optional)	T11146729
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Builders FirstSource, Jacksonville, FL 32244

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ID:6uMeWvmqVeEx7fGjQSaDTzVmxC-?V2hvtLG?qsqDDtsIbN9FVvQyaxnhQgYwPcR3pzFtwB



Scale = 1:58.9

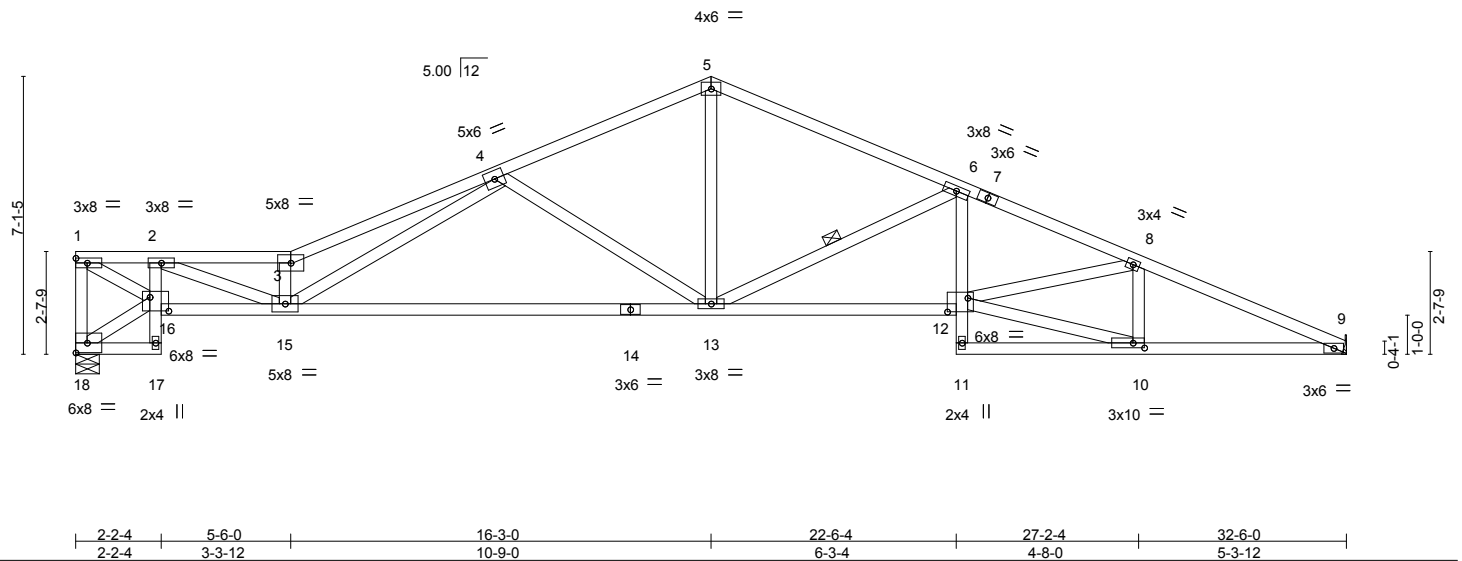


Plate Offsets (X,Y)-- [10:0-3-8,0-1-8], [12:0-6-4,0-4-4], [16:0-5-12,0-4-4]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.66	Vert(LL)	-0.44 13-15	>884	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.92	Vert(TL)	-0.94 13-15	>413	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.76	Horz(TL)	0.28 9	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007		(Matrix)					Weight: 177 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2 *Except*
 2-17,6-11: 2x4 SP No.3
 WEBS 2x4 SP No.3

BRACING-

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

REACTIONS.

(lb/size) 18=1033/0-7-4, 9=1033/Mechanical
 Max Horz 18=-135(LC 13)
 Max Uplift 18=-258(LC 12), 9=-254(LC 13)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-18=-978/527, 1-2=-1584/839, 2-3=-3373/1897, 3-4=-3878/2234, 4-5=-1658/1060,
 5-6=-1667/1050, 6-7=-2545/1606, 7-8=-2629/1592, 8-9=-2297/1377
 BOT CHORD 2-16=-808/504, 15-16=-815/1745, 14-15=-1150/2122, 13-14=-1150/2122,
 12-13=-1345/2435, 6-12=-285/538, 9-10=-1202/2065
 WEBS 1-16=-963/1819, 2-15=-1038/1761, 3-15=-1666/1016, 4-15=-875/1710, 4-13=-769/578,
 5-13=-557/931, 6-13=-1069/759, 10-12=-1160/1999, 8-12=-106/328, 8-10=-459/330

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 258 lb uplift at joint 18 and 254 lb uplift at joint 9.
- 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component**

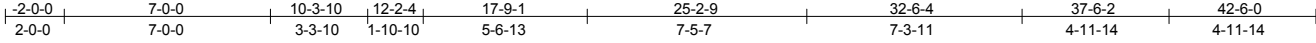


6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T10	Truss Type Half Hip Girder	Qty 1	Ply 1	Job Reference (optional) T11146730
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:43 2017 Page 1
ID:6uMeWwmqVeEx7fGGjgSaDTzVmxC-Uhc36DMum7_gqNS2JluOoiSWU_GvQq6h92M_bFzFtwA



Scale = 1:78.2

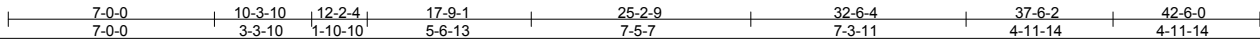
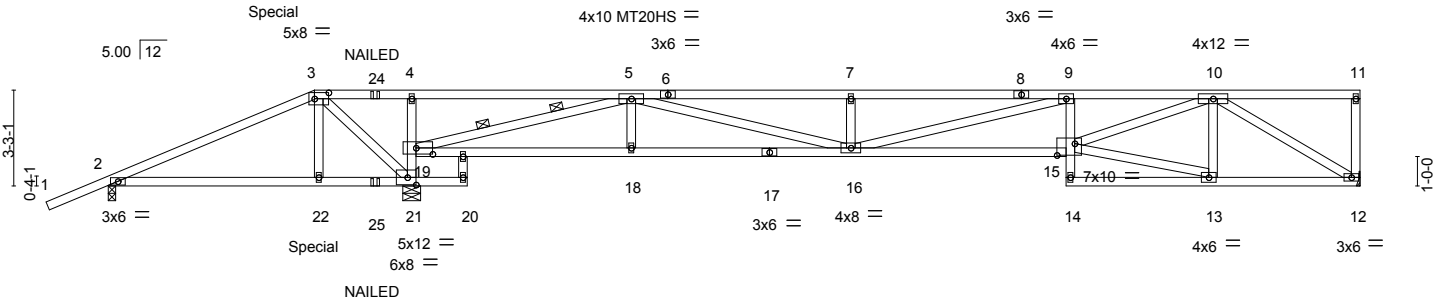


Plate Offsets (X,Y)-- [3:0-5-12,0-2-8], [15:0-7-4,0-4-12], [19:0-6-12,0-2-8], [21:0-3-8,0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 1.00	Vert(LL) -0.53	15-16	>724	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.99	Vert(TL) -1.04	15-16	>368	180	MT20HS	187/143
BCLL 0.0 *	Rep Stress Incr NO	WB 0.94	Horz(TL) 0.13	12	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 220 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2 *Except*
 20-23,9-14: 2x4 SP No.3
 WEBS 2x4 SP No.3 *Except*
 3-22,4-21,10-13: 2x4 SP M 31

BRACING-

TOP CHORD Structural wood sheathing directly applied, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 5-7-13 oc bracing.
 WEBS 2 Rows at 1/3 pts 5-19

REACTIONS.

(lb/size) 12=946/Mechanical, 2=333/0-3-0, 21=2046/0-7-4
 Max Horz 2=122(LC 23)
 Max Uplift 12=-289(LC 19), 2=-317(LC 4), 21=-1057(LC 5)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-253/649, 3-24=-246/754, 4-24=-247/754, 4-5=-372/1138, 5-6=-3598/1100,
 6-7=-3598/1100, 7-8=-3598/1100, 8-9=-3598/1100, 9-10=-3381/1038
 BOT CHORD 2-22=-565/188, 22-25=-571/190, 21-25=-571/190, 18-19=-652/2116, 17-18=-652/2116,
 16-17=-652/2116, 15-16=-1093/3550, 9-15=-330/155, 12-13=-407/1338
 WEBS 3-22=-335/440, 3-21=-1017/831, 19-21=-1331/494, 4-19=-441/256, 5-19=-3365/1012,
 5-16=-485/1532, 7-16=-410/194, 13-15=-352/1184, 10-15=-673/2177, 10-12=-1545/469

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Provide adequate drainage to prevent water ponding.
- 3) All plates are MT20 plates unless otherwise indicated.
- 4) All plates are 2x4 MT20 unless otherwise indicated.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 7) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 289 lb uplift at joint 12, 317 lb uplift at joint 2 and 1057 lb uplift at joint 21.
- 9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 10) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- 11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 204 lb down and 308 lb up at 7-0-0 on top chord, and 222 lb down and 256 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANS/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T10	Truss Type Half Hip Girder	Qty 1	Ply 1	T11146730
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:43 2017 Page 2
ID:6uMeWwmqVeEx7fGGjqSaDTzVmxC-Uhc36DMum7_gqNS2JluOoiSWU_GvQq6h92M_bFzFtwA

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-54, 3-11=-54, 2-20=-10, 15-19=-10, 12-14=-10

Concentrated Loads (lb)

Vert: 3=-204(F) 22=-152(F) 24=-106(F) 25=-24(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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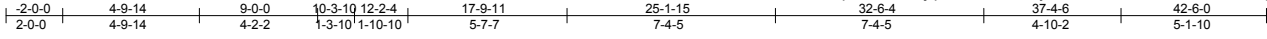
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T11	Truss Type Half Hip	Qty 1	Ply 1	Job Reference (optional) T11146731
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:44 2017 Page 1

ID:6uMeWvmqVeEx7fGGjQSaDTzVmxC-ytARKZMWXR6XSX1Et0PdLw_m5Oii9lprNi5X8izFtw9



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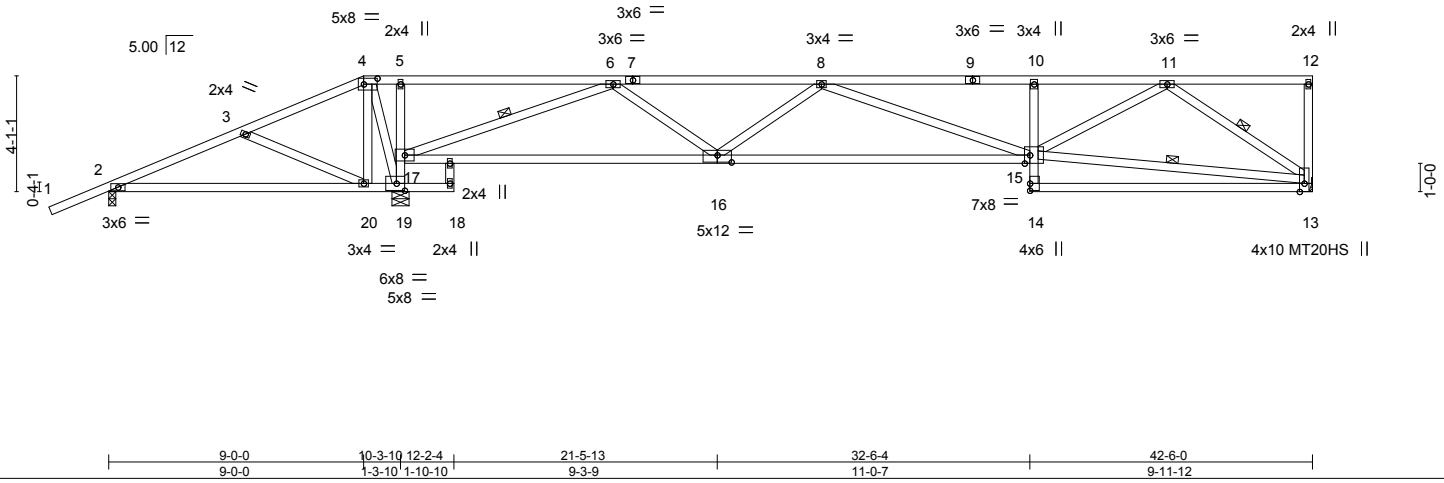


Plate Offsets (X,Y)-- [4:0-5-12,0-2-8], [15:0-2-4,Edge], [16:0-6-0,0-3-0], [19:0-3-8,0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.62	Vert(LL)	0.24	2-20	>517	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.64	Vert(TL)	-0.72	16-17	>535	MT20HS	187/143
BCLL 0.0 *	Lumber DOL 1.25	WB 0.85	Horz(TL)	0.06	13	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2014/TP12007						Weight: 234 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2 *Except*
 18-21,10-14: 2x4 SP No.3, 15-16,16-17: 2x4 SP M 31
 WEBS 2x4 SP No.3 *Except*
 4-20,5-19: 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-2-5 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 6-17, 13-15, 11-13

REACTIONS.

(lb/size) 13=982/Mechanical, 2=316/0-3-0, 19=1541/0-7-4
 Max Horz 2=151(LC 12)
 Max Uplift 13=-297(LC 8), 2=-188(LC 8), 19=-560(LC 9)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 3-4=-64/274, 4-5=-176/297, 5-6=-238/402, 6-7=-2341/1207, 7-8=-2341/1207,
 8-9=-2410/1322, 9-10=-2410/1322, 10-11=-2326/1277
 BOT CHORD 2-20=-342/88, 16-17=-999/1783, 15-16=-1523/2726, 10-15=-326/251
 WEBS 3-20=-330/373, 4-20=-601/363, 4-19=-369/611, 17-19=-1305/768, 5-17=-447/333,
 6-17=-2331/1317, 6-16=-263/741, 8-16=-483/397, 8-15=-338/214, 13-15=-633/1052,
 11-15=-653/1270, 11-13=-1523/897

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Provide adequate drainage to prevent water ponding.
- 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.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 297 lb uplift at joint 13, 188 lb uplift at joint 2 and 560 lb uplift at joint 19.
- 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



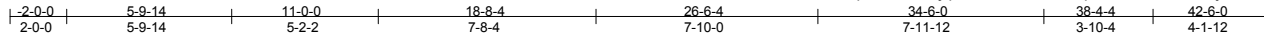
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T12	Truss Type Hip	Qty 1	Ply 1	T11146732
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:45 2017 Page 1

ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-Q4kpXvN9IIEO4hcRRjwst7Xs2n3_ulQ_cMr5g8zFtw8



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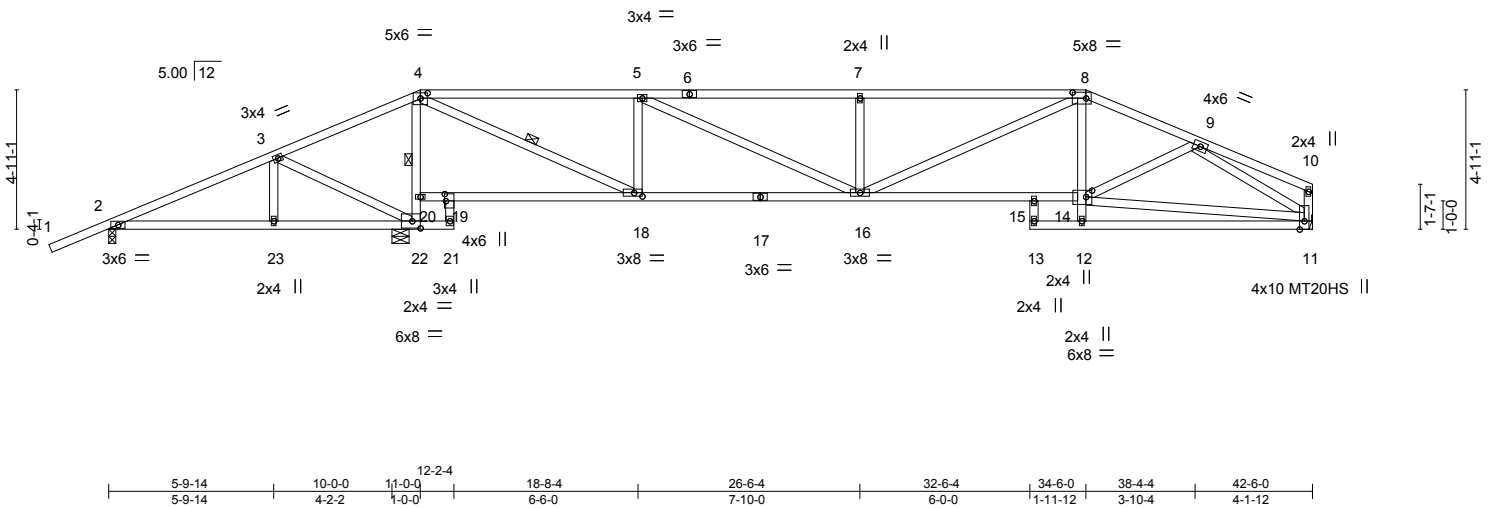


Plate Offsets (X,Y)-- [4:0-3-0-0-2-4], [8:0-5-12-0-2-8], [14:0-2-8-0-2-12], [18:0-3-8-0-1-8], [19:0-3-0-0-0-8], [22:0-3-8-0-3-0]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.93	Vert(LL) -0.21	15-16	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.57	Vert(TL) -0.41	15-16	>914	180	MT20HS	187/143
BCLL 0.0 *	Rep Stress Incr YES	WB 0.89	Horz(TL) 0.05	11	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 236 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2 *Except*
 19-21,13-15: 2x4 SP No.3
 WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 4-22, 4-18

REACTIONS.

(lb/size) 2=291/0-3-0, 22=1584/0-7-4, 11=946/Mechanical
 Max Horz 2=108(LC 12)
 Max Uplift 2=222(LC 8), 22=527(LC 9), 11=235(LC 8)
 Max Grav 2=302(LC 23), 22=1584(LC 1), 11=950(LC 24)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-87/409, 3-4=-132/497, 4-5=-1333/873, 5-6=-2039/1269, 6-7=-2039/1269,
 7-8=-2040/1269, 8-9=-1664/981
 BOT CHORD 2-23=-377/24, 22-23=-377/24, 21-22=-263/114, 18-19=-398/239, 17-18=-696/1333,
 16-17=-696/1333, 15-16=-782/1525, 14-15=-763/1551
 WEBS 3-22=-454/681, 20-22=-1300/716, 4-20=-1297/740, 4-18=-1030/1886, 5-18=-769/519,
 5-16=-438/791, 7-16=-453/346, 8-16=-341/651, 12-14=0/316, 11-14=-669/1198,
 9-14=-49/370, 9-11=-1515/902

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) All plates are MT20 plates unless otherwise indicated.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 7) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 222 lb uplift at joint 2, 527 lb uplift at joint 22 and 235 lb uplift at joint 11.
- 9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANS/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



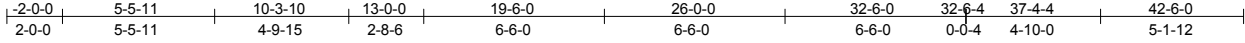
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T13	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional) T11146733
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7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:46 2017 Page 1

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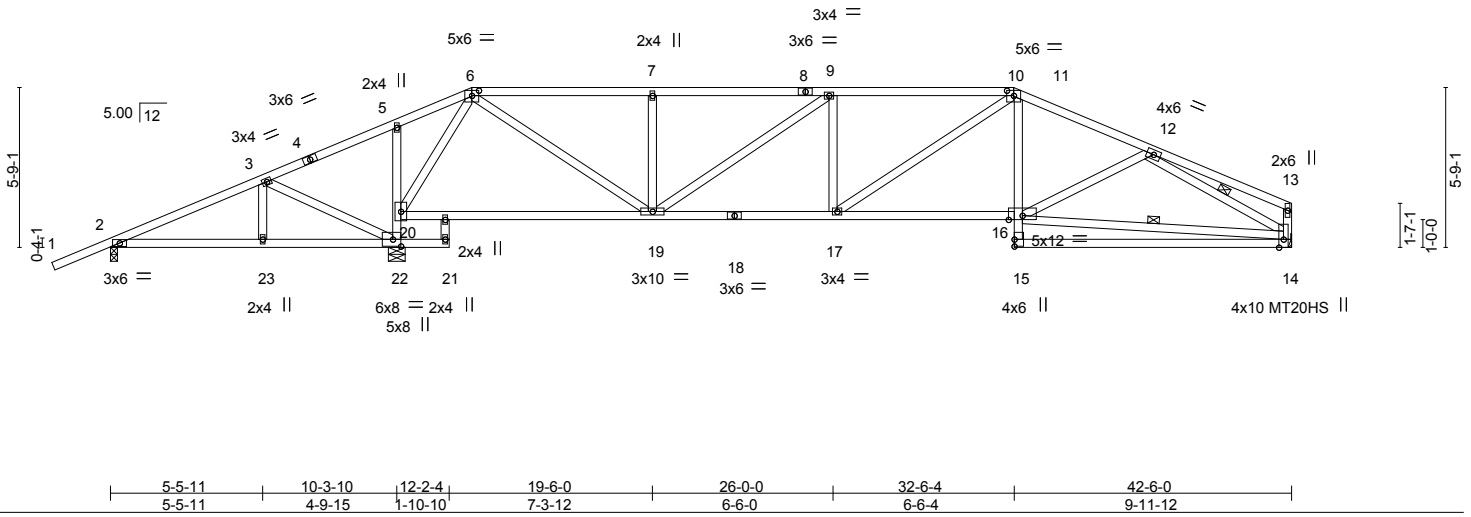


Plate Offsets (X,Y)-- [6:0-3-0,0-2-4], [10:0-3-0,0-2-4], [22:0-3-8,0-3-0]

LOADING (psf)	SPACING-	CS.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.48	Vert(LL) -0.29	14-15	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.71	Vert(TL) -0.53	14-15	>721	180	MT20HS	187/143
BCLL 0.0 *	Rep Stress Incr YES	WB 0.80	Horz(TL) 0.05	14	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 246 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2 *Except*
 21-24,11-15: 2x4 SP No.3
 WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-10-8 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-1-2 oc bracing.
 WEBS 1 Row at midpt 14-16, 12-14

REACTIONS.

(lb/size) 2=381/0-3-0, 22=1456/0-7-4, 14=1002/Mechanical
 Max Horz 2=119(LC 12)
 Max Uplift 2=-234(LC 8), 22=-457(LC 9), 14=-233(LC 8)
 Max Grav 2=389(LC 23), 22=1456(LC 1), 14=1002(LC 1)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-313/491, 6-7=-1451/934, 7-8=-1451/934, 8-9=-1451/934, 9-10=-1806/1148,
 10-11=-1523/995, 11-12=-1658/1009
 BOT CHORD 2-23=-455/234, 22-23=-455/234, 19-20=-165/416, 18-19=-927/1806, 17-18=-927/1806,
 16-17=-764/1498
 WEBS 3-22=-407/637, 20-22=-1238/707, 6-20=-1179/617, 6-19=-664/1256, 7-19=-373/287,
 9-19=-431/260, 10-17=-198/479, 14-16=-772/1221, 12-14=-1589/983

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 234 lb uplift at joint 2, 457 lb uplift at joint 22 and 233 lb uplift at joint 14.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



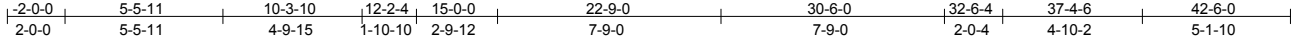
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T14	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional) T11146734
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Builders FirstSource, Jacksonville, FL 32244

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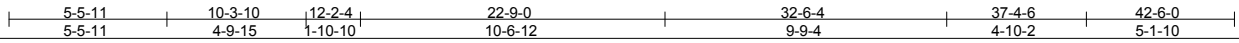
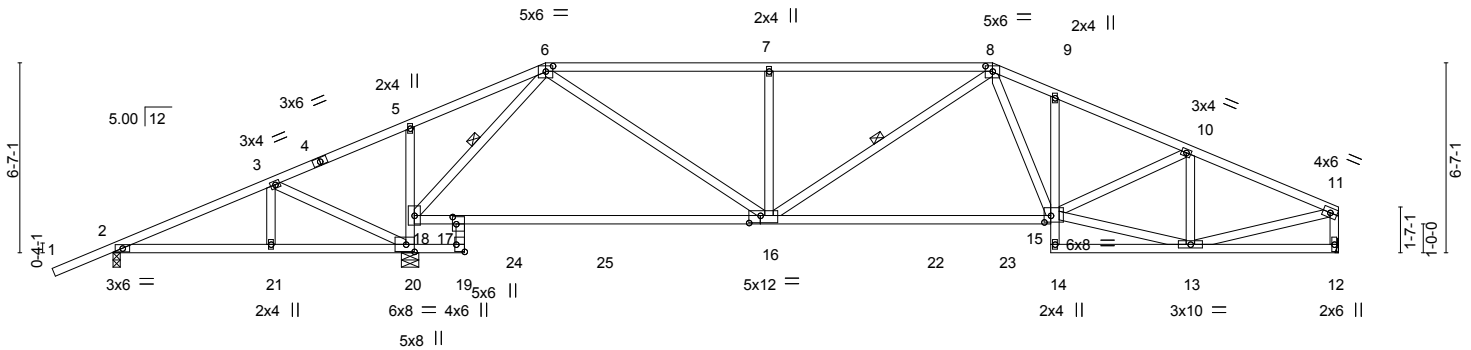


Plate Offsets (X,Y)-- [6:0-3-0,0-2-4], [8:0-3-0,0-2-4], [15:0-2-12,0-2-12], [16:0-4-12,0-3-0], [17:0-3-0,0-1-8], [19:Edge,0-3-8], [20:0-3-8,0-3-0]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.69	Vert(LL)	-0.24 16-17	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.87	Vert(TL)	-0.46 15-16	>843	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.85	Horz(TL)	0.05 12	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007		(Matrix)					Weight: 241 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2 *Except*
 17-19,9-14: 2x4 SP No.3
 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 6-0-0 oc bracing.
 WEBS 1 Row at midpt 6-18, 8-16

REACTIONS.

(lb/size) 2=330/0-3-0, 12=985/Mechanical, 20=1505/0-7-4
 Max Horz 2=129(LC 12)
 Max Uplift 2=-259(LC 8), 12=-238(LC 13), 20=-415(LC 9)
 Max Grav 2=341(LC 23), 12=985(LC 1), 20=1505(LC 1)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-190/531, 3-4=0/425, 4-5=0/484, 5-6=0/499, 6-7=-1408/997, 7-8=-1408/997,
 8-9=-1644/1137, 9-10=-1683/1072, 10-11=-1391/852, 11-12=-956/609
 BOT CHORD 2-21=-491/121, 20-21=-491/121, 19-20=-401/0, 17-18=-293/803, 17-24=-318/587,
 24-25=-318/587, 16-25=-318/587, 16-22=-719/1370, 22-23=-719/1370, 15-23=-719/1370
 WEBS 3-20=-397/627, 18-20=-1240/718, 5-18=-254/263, 6-18=-1310/632, 6-16=-500/1013,
 7-16=-482/367, 8-15=-244/367, 13-15=-702/1235, 10-15=-95/306, 10-13=-535/374,
 11-13=-707/1219

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 259 lb uplift at joint 2, 238 lb uplift at joint 12 and 415 lb uplift at joint 20.
- 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



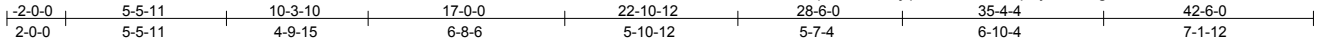
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T15	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional)	T11146735
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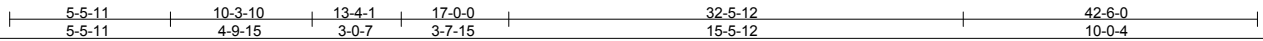
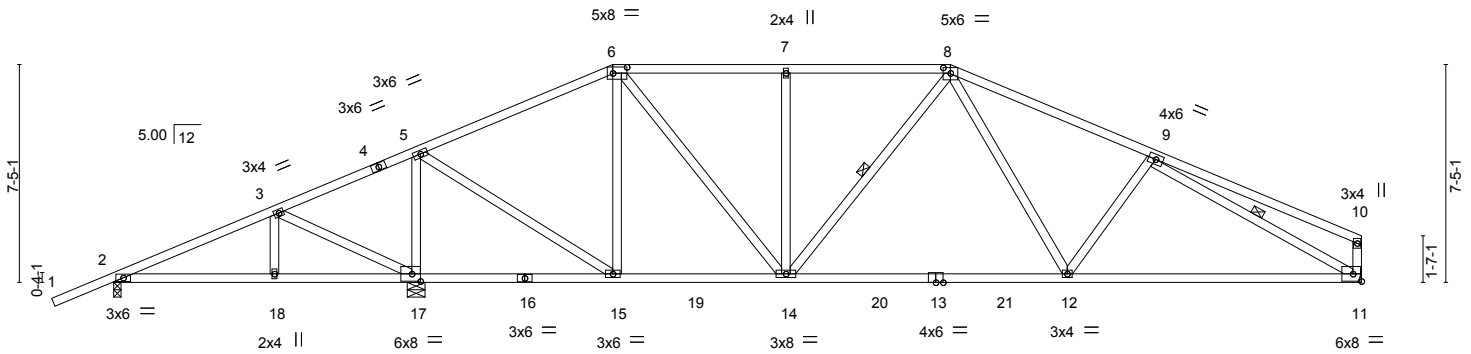
Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:48 2017 Page 1

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Scale = 1:78.5



LOADING (psf)	SPACING-	CSL	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.55	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.77	Vert(LL) -0.31 12-14 >999 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.81	Vert(TL) -0.47 12-14 >819 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.04 11 n/a n/a		
	Code FBC2014/TP12007			Weight: 240 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-4-1 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 8-14, 9-11

REACTIONS. (lb/size) 2=263/0-3-0, 17=1593/0-7-4, 11=964/Mechanical
 Max Horz 2=140(LC 12)
 Max Uplift 2=181(LC 8), 17=498(LC 9), 11=232(LC 13)
 Max Grav 2=302(LC 23), 17=1593(LC 1), 11=964(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 3-4=-351/399, 4-5=-337/489, 5-6=-698/426, 6-7=-968/687, 7-8=-968/687, 8-9=-1343/860
 BOT CHORD 16-17=-398/416, 15-16=-398/416, 15-19=-134/563, 14-19=-134/563, 14-20=-446/1021, 13-20=-446/1021, 13-21=-446/1021, 12-21=-446/1021, 11-12=-707/1272
 WEBS 3-17=-369/597, 5-17=-1366/930, 6-14=-383/659, 7-14=-346/247, 8-12=-195/340, 9-12=-191/290, 9-11=-1352/756, 6-15=-559/394, 5-15=-653/1150

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 181 lb uplift at joint 2, 498 lb uplift at joint 17 and 232 lb uplift at joint 11.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANS/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T16	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional)	T11146736
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:49 2017 Page 1

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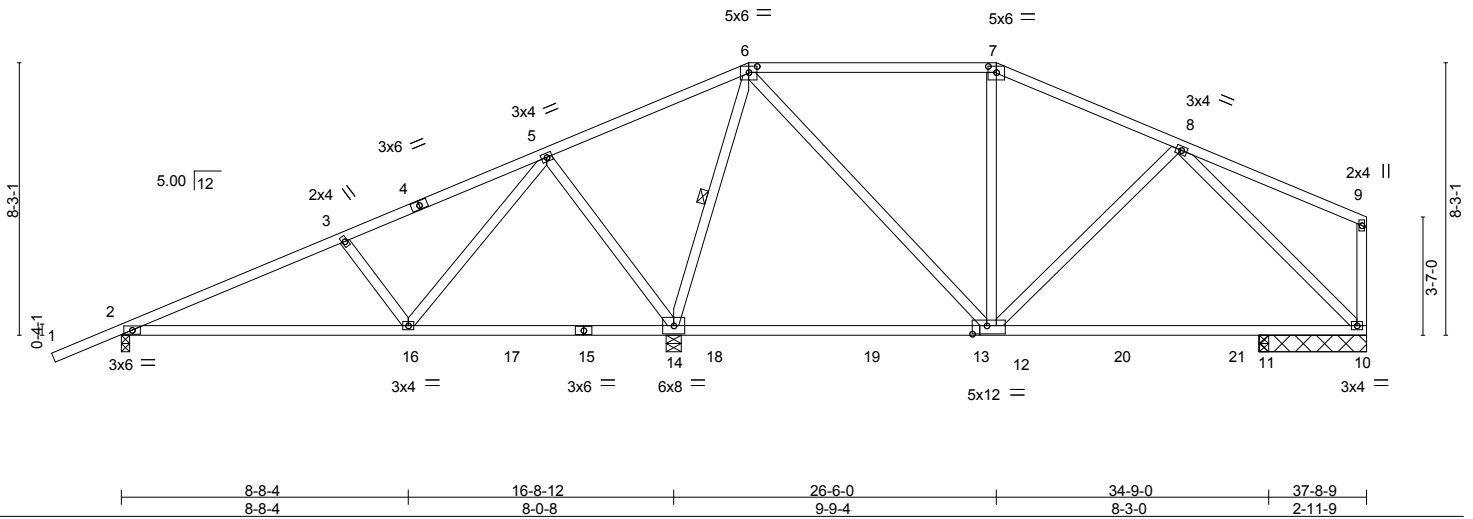


Plate Offsets (X,Y)-- [6:0-3-0-0-2-4], [7:0-3-0-0-2-4], [13:0-5-4-0-3-0]

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 0.71	Vert(LL)	0.22	2-16	>893	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.58	Vert(TL)	-0.34	12-14	>630		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.96	Horz(TL)	0.01	10	n/a		
BCDL 5.0	Code	FBC2014/TP12007	(Matrix)					Weight: 210 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS.

All bearings 0-3-0 except (jt=length) 14=0-5-8, 10=3-3-1, 11=0-3-8.
 (lb) - Max Horz 2=193(LC 12)
 Max Uplift All uplift 100 lb or less at joint(s) except 2=-265(LC 8), 14=-603(LC 9), 10=-181(LC 13)
 Max Grav All reactions 250 lb or less at joint(s) 11 except 2=515(LC 23), 14=1454(LC 1), 10=551(LC 24)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-559/538, 3-4=-346/463, 4-5=-230/481, 5-6=-405/454, 6-7=-361/209, 7-8=-455/177
 BOT CHORD 2-16=-597/453, 14-18=-115/333, 18-19=-115/333, 13-19=-115/333, 12-13=-115/333,
 12-20=-148/420, 20-21=-148/420, 11-21=-148/420, 10-11=-148/420
 WEBS 3-16=-333/353, 5-16=-829/457, 5-14=-548/742, 6-14=-955/782, 6-12=-426/550,
 8-12=-116/259, 8-10=-579/191

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 265 lb uplift at joint 2, 603 lb uplift at joint 14 and 181 lb uplift at joint 10.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



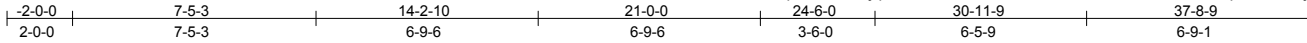
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T17	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional) T11146737
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Builders FirstSource, Jacksonville, FL 32244

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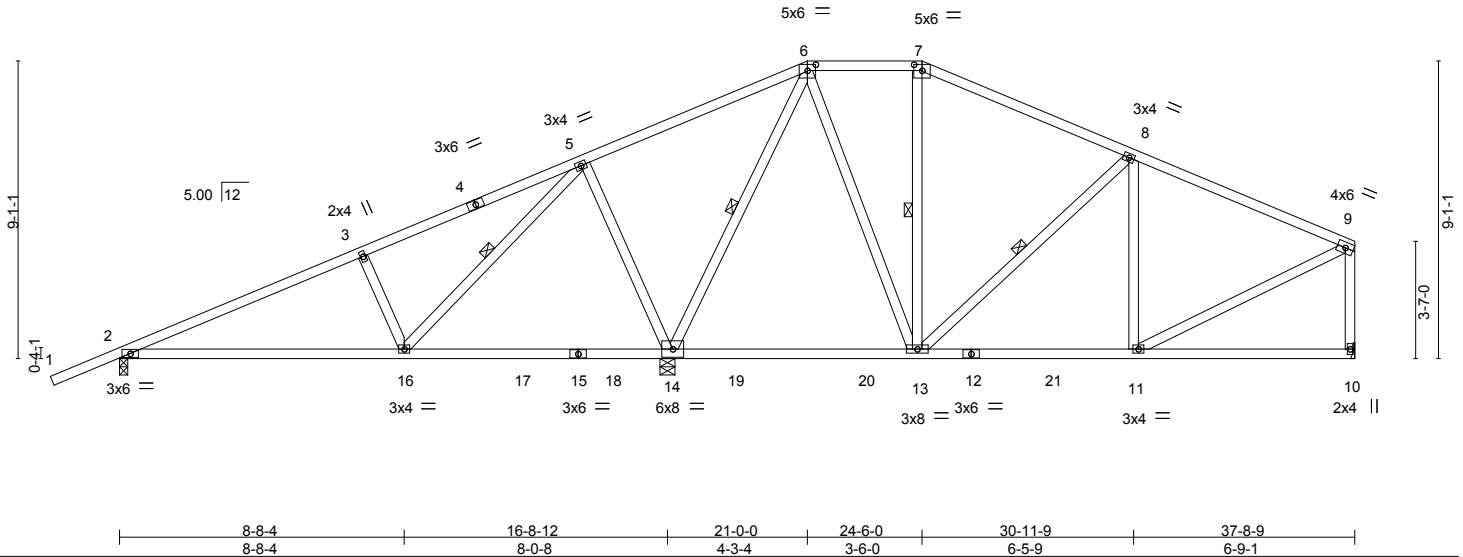


Plate Offsets (X,Y)-- [6:0-3-0,0-2-4], [7:0-3-0,0-2-4]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.54	Vert(LL)	0.24	2-16	>832	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.50	Vert(TL)	-0.26	2-16	>765		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.55	Horz(TL)	0.01	10	n/a		
BCDL 5.0	Code	FBC2014/TP12007	(Matrix)						
								Weight: 222 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 2=506/0-3-0, 14=1466/0-5-8, 10=542/Mechanical
 Max Horz 2=203(LC 12)
 Max Uplift 2=263(LC 8), 14=581(LC 9), 10=152(LC 13)
 Max Grav 2=517(LC 23), 14=1466(LC 1), 10=592(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-537/494, 3-4=-382/496, 4-5=-255/516, 5-6=-383/466, 6-7=-266/165, 7-8=-368/145, 8-9=-557/210, 9-10=-561/252
 BOT CHORD 2-16=-548/427, 16-17=-128/255, 15-17=-128/255, 15-18=-128/255, 14-18=-128/255, 12-13=-120/460, 12-21=-120/460, 11-21=-120/460
 WEBS 3-16=-355/374, 5-16=-970/576, 5-14=-601/767, 6-14=-929/736, 6-13=-327/461, 8-13=-291/336, 9-11=-114/485

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 263 lb uplift at joint 2, 581 lb uplift at joint 14 and 152 lb uplift at joint 10.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



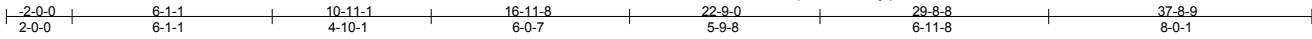
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T18	Truss Type Roof Special	Qty 5	Ply 1	Job Reference (optional) T11146738
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Builders FirstSource, Jacksonville, FL 32244

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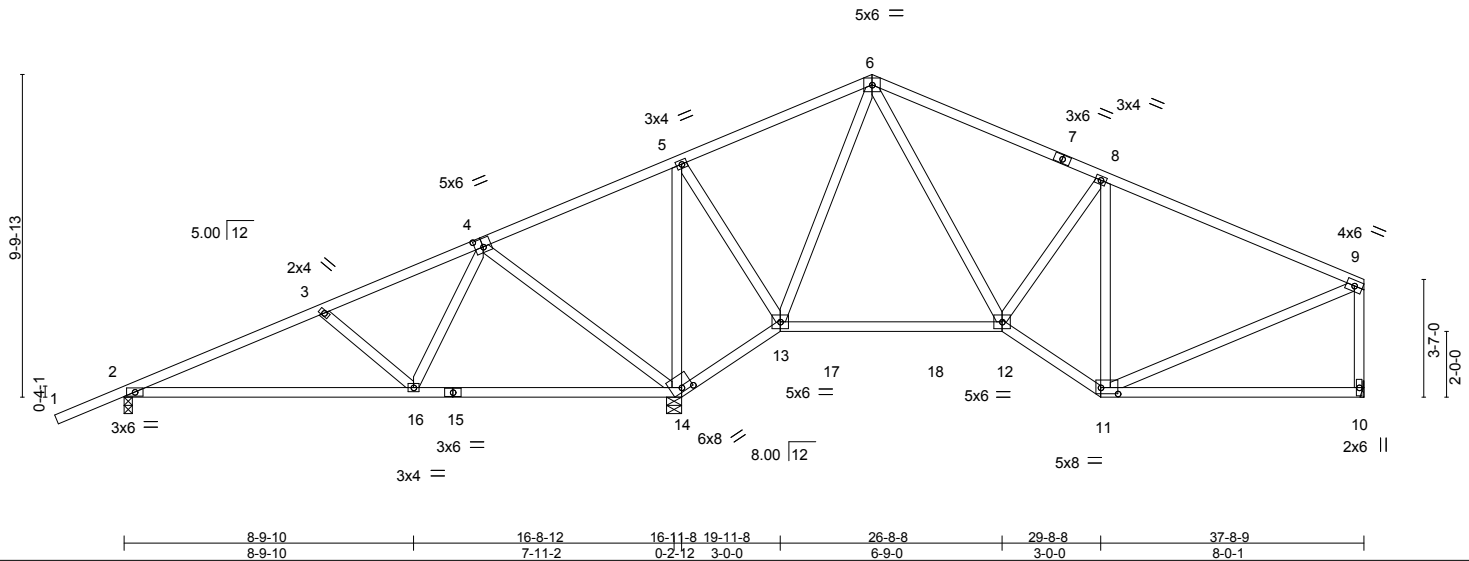


Plate Offsets (X,Y)--	[4:0-3-0-0-3-0], [11:0-6-4-0-2-4], [14:0-4-0-0-1-9]
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LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.65	Vert(LL) 0.22	2-16	>927	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.53	Vert(TL) -0.25	10-11	>986	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.89	Horz(TL) 0.02	10	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 222 lb	FT = 20%


LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) 2=467/0-3-0, 10=498/Mechanical, 14=1549/0-5-8
 Max Horz 2=212(LC 12)
 Max Uplift 2=-267(LC 8), 10=-148(LC 13), 14=-559(LC 9)
 Max Grav 2=503(LC 23), 10=537(LC 24), 14=1549(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-552/539, 3-4=-300/416, 4-5=-462/538, 5-6=-224/286, 6-7=-361/198, 7-8=-449/178,
 8-9=-501/196, 9-10=-496/248
 BOT CHORD 2-16=-606/451, 13-14=-554/689, 13-17=-57/258, 17-18=-57/258, 12-18=-57/258,
 11-12=-115/476
 WEBS 3-16=-297/323, 4-16=-640/389, 4-14=-558/804, 5-14=-863/523, 5-13=-163/490,
 6-13=-714/606, 6-12=-340/445, 8-12=-144/327, 8-11=-356/125, 9-11=-80/389

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) 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 267 lb uplift at joint 2, 148 lb uplift at joint 10 and 559 lb uplift at joint 14.
 - 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



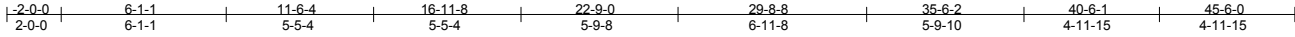
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T19	Truss Type Roof Special Girder	Qty 1	Ply 2	Job Reference (optional) T11146739
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Builders FirstSource, Jacksonville, FL 32244

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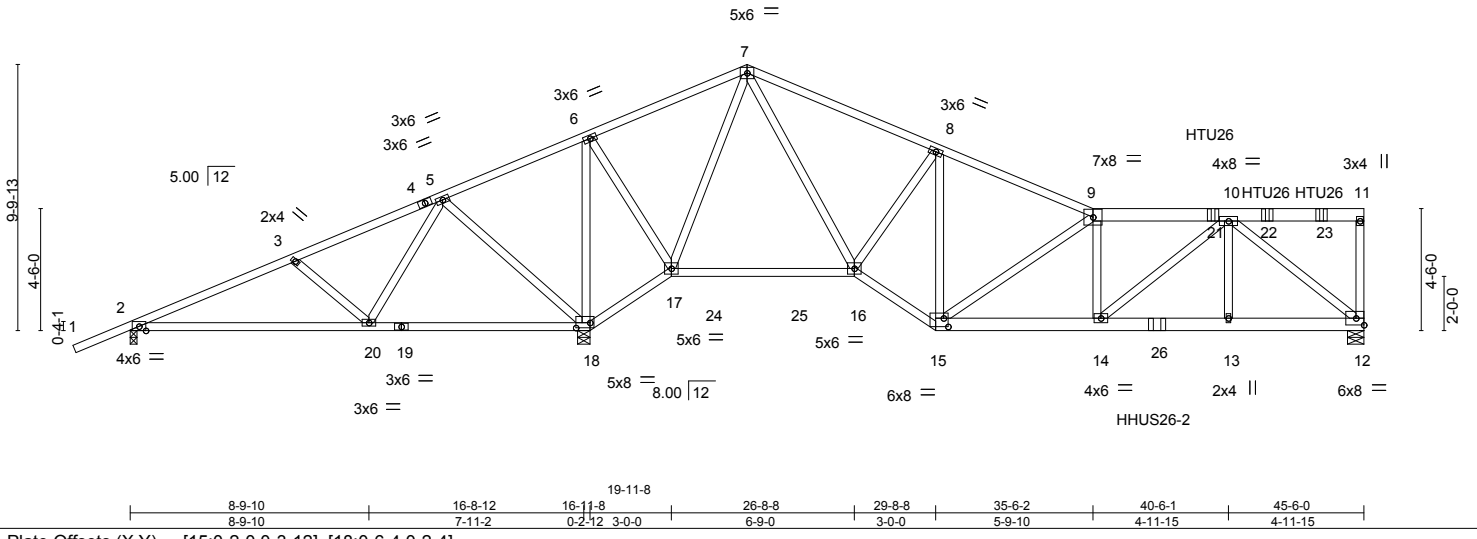


Plate Offsets (X,Y)-- [15:0-2-0-0-3-12], [18:0-6-4-0-2-4]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.34	Vert(LL) -0.11	13-14	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.47	Vert(TL) -0.21	13-14	>999	180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.78	Horz(TL) 0.03	12	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 586 lb	FT = 20%


LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* 9-11: 2x6 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2 *Except* 12-15: 2x6 SP M 26	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) 12=3317/0-7-4, 2=122/0-3-0, 18=3005/0-5-8
 Max Horz 2=229(LC 8)
 Max Uplift 12=-911(LC 9), 2=-334(LC 23), 18=-930(LC 5)
 Max Grav 12=3344(LC 20), 2=300(LC 18), 18=3005(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-282/831, 3-4=-249/879, 4-5=-233/906, 5-6=-408/1419, 6-7=-214/689,
 7-8=-1387/443, 8-9=-1851/534, 9-21=-4099/1129, 10-21=-4103/1129, 11-12=-523/154
 BOT CHORD 2-20=-746/296, 19-20=-919/287, 18-19=-919/287, 17-18=-1563/517, 15-16=-545/2031,
 14-15=-1122/4070, 14-26=-969/3527, 13-26=-969/3527, 12-13=-969/3527
 WEBS 3-20=-339/192, 5-20=-303/421, 5-18=-540/315, 6-18=-1736/442, 6-17=-288/1338,
 7-17=-2079/561, 7-16=-611/2105, 8-16=-884/335, 8-15=-206/663, 9-15=-2934/823,
 9-14=-318/1033, 10-14=-207/743, 10-13=-262/1085, 10-12=-4549/1250

- NOTES-**
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
 Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-5-0 oc.
 Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - 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.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 911 lb uplift at joint 12, 334 lb uplift at joint 2 and 930 lb uplift at joint 18.
 - "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - Use Simpson Strong-Tie HHUS26-2 (14-10d Girder, 4-10d Truss) or equivalent at 37-10-8 from the left end to connect truss(es) to front face of bottom chord.
 - Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 30-11-4 from the left end to 43-11-4 to connect truss(es) to front face of top chord.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T19	Truss Type Roof Special Girder	Qty 1	Ply 2	T11146739
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Builders FirstSource, Jacksonville, FL 32244

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NOTES-

12) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-7=-54, 7-9=-54, 9-11=-54, 2-18=-10, 17-18=-10, 16-17=-10, 15-16=-10, 12-15=-10

Concentrated Loads (lb)

Vert: 21=-470(F) 22=-470(F) 23=-470(F) 26=-2022(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



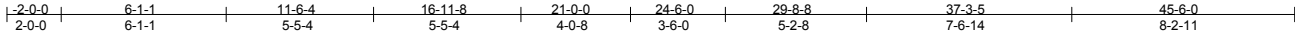
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T20	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional) T11146740
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:53 2017 Page 1

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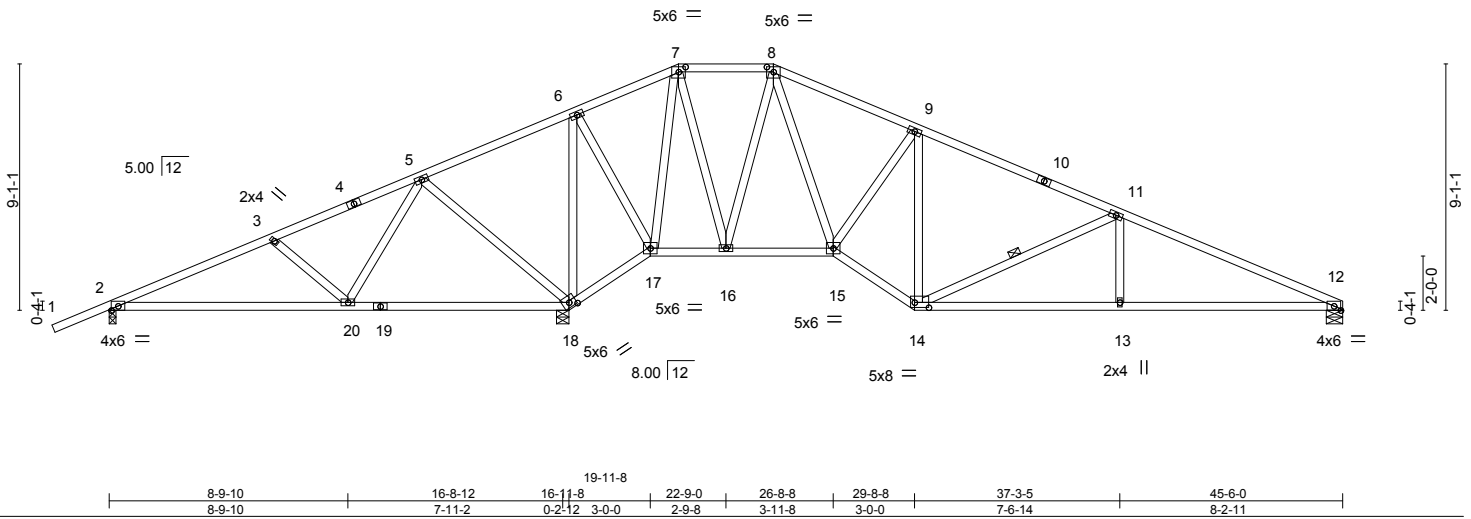


Plate Offsets (X,Y)-- [7:0-3-0-0-2-4], [8:0-3-0-0-2-4], [14:0-6-4-0-2-4], [18:0-3-0-0-2-3]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.78	Vert(LL) 0.21	2-20	>972	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.58	Vert(TL) -0.24	12-13	>999	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.99	Horz(TL) 0.04	12	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 262 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 11-14

REACTIONS. (lb/size) 12=707/0-7-4, 2=333/0-3-0, 18=1962/0-5-8
 Max Horz 2=132(LC 12)
 Max Uplift 12=-220(LC 13), 2=-267(LC 8), 18=-607(LC 9)
 Max Grav 12=741(LC 24), 2=449(LC 23), 18=1962(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-423/475, 3-4=-161/366, 4-5=-57/393, 5-6=-526/888, 6-7=-293/470, 8-9=-563/252,
 9-10=-663/384, 10-11=-747/362, 11-12=-1416/697
 BOT CHORD 2-20=-369/333, 19-20=-440/222, 18-19=-440/222, 17-18=-906/966, 16-17=-239/592,
 15-16=0/340, 14-15=-92/737, 13-14=-544/1231, 12-13=-544/1231
 WEBS 3-20=-324/344, 5-20=-678/413, 5-18=-556/771, 6-18=-1045/482, 6-17=-181/706,
 7-17=-1102/730, 7-16=-494/774, 8-16=-737/517, 8-15=-438/687, 9-15=-318/474,
 11-14=-683/524, 11-13=0/273

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) All plates are 3x6 MT20 unless otherwise indicated.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 220 lb uplift at joint 12, 267 lb uplift at joint 2 and 607 lb uplift at joint 18.
- 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



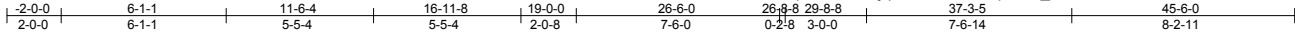
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T21	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional) T11146741
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Builders FirstSource, Jacksonville, FL 32244

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ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-fpnDQ_UoAWM7f3o9S6bz1PSVQ7xVo3JgGW3U6zFtw?



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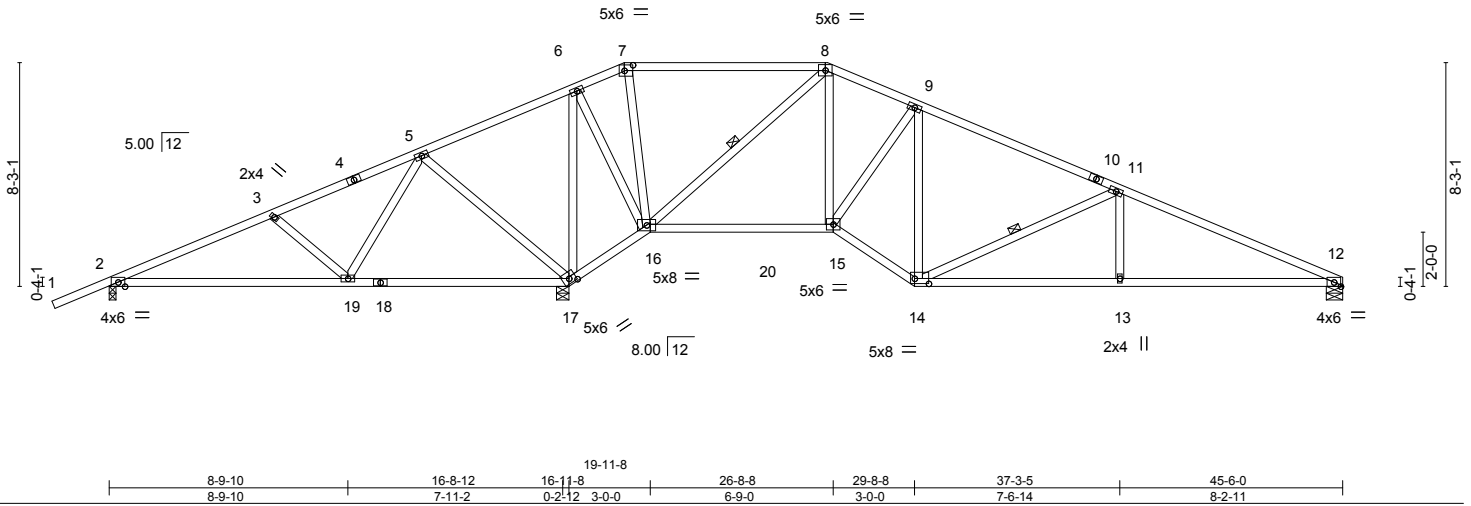


Plate Offsets (X,Y)-- [7:0-3-12,0-2-8], [14:0-6-4,0-2-4], [17:0-3-0,0-2-3]

LOADING (psf)	SPACING-	CS.I.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.75	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.58	Vert(LL) 0.21 2-19 >973 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.99	Vert(TL) -0.24 12-13 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.04 12 n/a n/a		
	Code FBC2014/TP12007			Weight: 252 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 8-16, 11-14

REACTIONS.

(lb/size) 2=319/0-3-0, 12=698/0-7-4, 17=1986/0-5-8
 Max Horz 2=121(LC 12)
 Max Uplift 2=-261(LC 8), 12=-214(LC 13), 17=-644(LC 9)
 Max Grav 2=430(LC 23), 12=738(LC 24), 17=1986(LC 1)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-375/458, 3-4=-114/415, 4-5=-15/442, 5-6=-544/928, 6-7=-314/458, 7-8=-316/469,
 8-9=-561/225, 9-10=-716/361, 10-11=-734/340, 11-12=-1412/682
 BOT CHORD 2-19=-352/289, 18-19=-485/236, 17-18=-485/237, 16-17=-950/991, 16-20=0/453,
 15-20=0/453, 14-15=-67/725, 13-14=-531/1228, 12-13=-531/1228
 WEBS 3-19=-322/343, 5-19=-677/415, 5-17=-563/777, 6-17=-1044/460, 6-16=-240/805,
 7-16=-444/321, 8-16=-1081/717, 11-14=-696/535, 11-13=0/274, 9-15=-260/428,
 8-15=-353/611

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- All plates are 3x6 MT20 unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 261 lb uplift at joint 2, 214 lb uplift at joint 12 and 644 lb uplift at joint 17.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANS/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



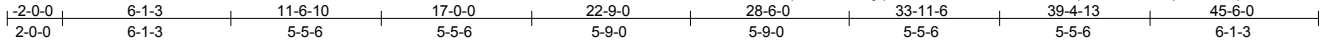
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T22	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional)	T11146742
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Builders FirstSource, Jacksonville, FL 32244

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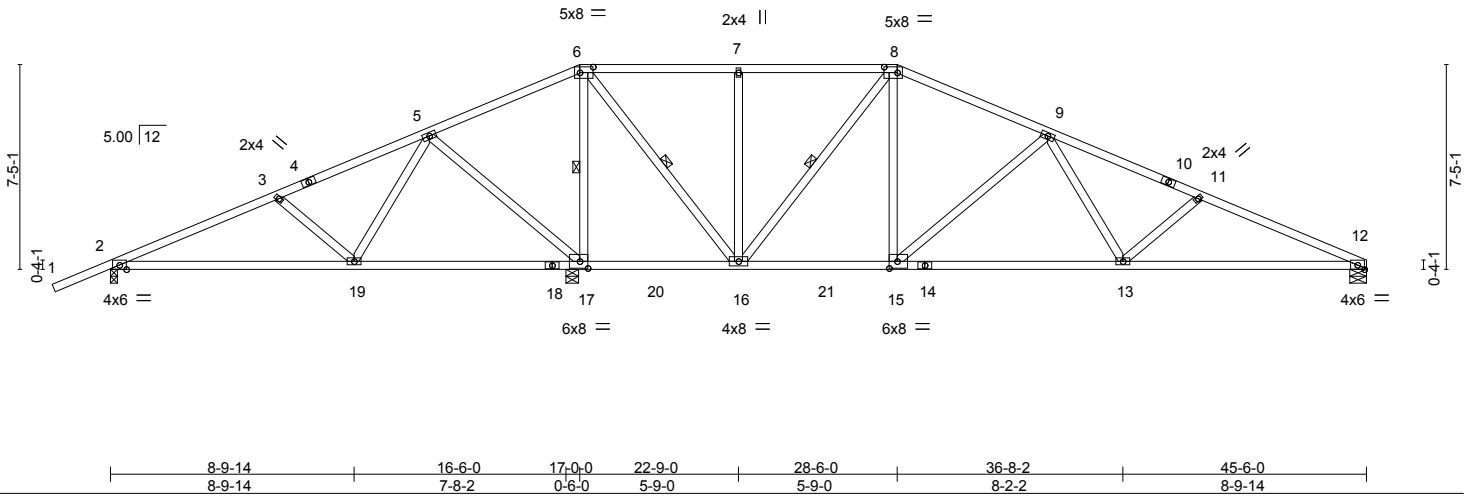


Plate Offsets (X,Y)--	[6:0-5-12,0-2-8], [8:0-5-12,0-2-8], [10:0-0-0,0-0-0], [15:0-3-8,0-3-0], [17:0-3-8,0-3-0]
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LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.43	Vert(LL) 0.22	2-19	>943	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.63	Vert(TL) -0.29	12-13	>999	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.59	Horz(TL) 0.03	12	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 247 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-2-4 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 6-17, 6-16, 8-16

REACTIONS. (lb/size) 2=369/0-3-0, 17=1919/0-5-8, 12=715/0-7-4
 Max Horz 2=111(LC 12)
 Max Uplift 2=261(LC 8), 17=682(LC 9), 12=206(LC 13)
 Max Grav 2=454(LC 23), 17=1919(LC 1), 12=761(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-433/480, 3-4=-171/335, 4-5=-66/351, 5-6=-527/802, 8-9=-646/291,
 9-10=-1173/618, 10-11=-1277/602, 11-12=-1517/737
 BOT CHORD 2-19=-373/342, 18-19=-370/213, 17-18=-370/213, 17-20=-723/825, 16-20=-723/825,
 16-21=0/548, 15-21=0/548, 14-15=-273/957, 13-14=-273/957, 12-13=-604/1350
 WEBS 3-19=-321/342, 5-19=-671/401, 5-17=-562/783, 6-17=-1476/985, 8-15=-261/436,
 9-15=-554/450, 9-13=-184/384, 11-13=-304/321, 6-16=-727/1176, 7-16=-355/261,
 8-16=-675/480

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) All plates are 3x6 MT20 unless otherwise indicated.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 261 lb uplift at joint 2, 682 lb uplift at joint 17 and 206 lb uplift at joint 12.
- 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



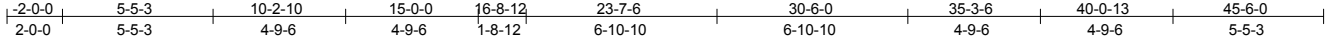
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T23	Truss Type Hip Girder	Qty 1	Ply 2	Job Reference (optional) T11146743
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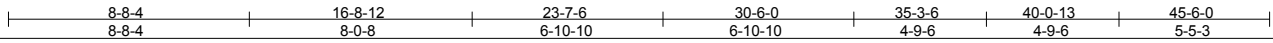
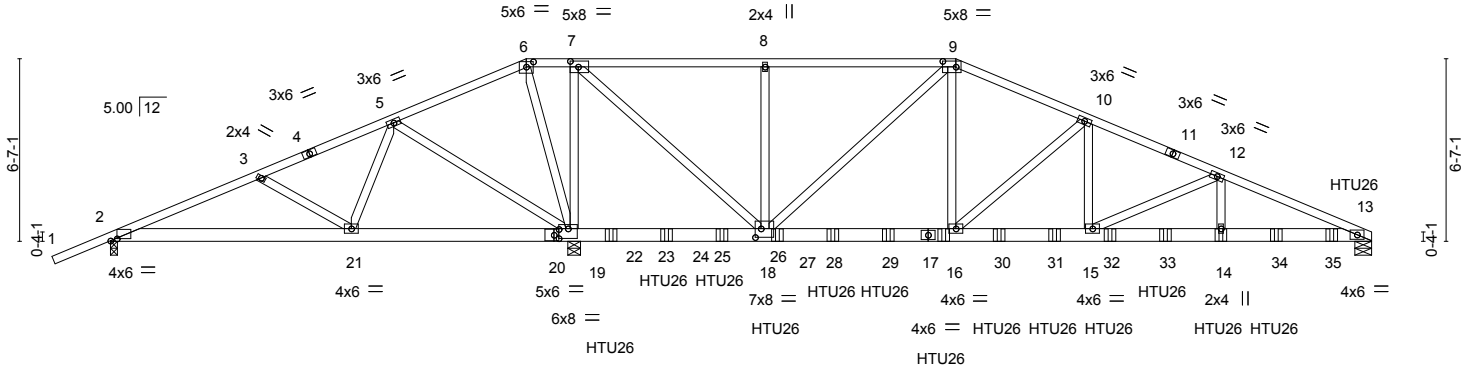
Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:57 2017 Page 1

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LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.53	Vert(LL) -0.17	14-15	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.93	Vert(TL) -0.32	14-15	>999	180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.84	Horz(TL) 0.04	13	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 580 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x6 SP No.2
 WEBS 2x4 SP No.3 *Except*
 7-18: 2x4 SP No.2


BRACING-
 TOP CHORD Structural wood sheathing directly applied or 4-1-9 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 2=413/0-3-0, 19=6196/0-5-8, 13=3527/0-7-4
 Max Horz 2=102(LC 8)
 Max Uplift 2=761(LC 20), 19=2343(LC 5), 13=1089(LC 9)
 Max Grav 2=392(LC 18), 19=6196(LC 1), 13=3567(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-764/2261, 3-4=-754/2323, 4-5=-740/2347, 5-6=-874/2660, 6-7=-863/2682,
 7-8=-1785/727, 8-9=-1785/727, 9-10=-3848/1359, 10-11=-5598/1859, 11-12=-5646/1849,
 12-13=-7394/2310
 BOT CHORD 2-21=-2069/780, 20-21=-2176/820, 19-20=-2176/820, 19-22=-2540/965, 22-23=-2540/965,
 23-24=-2540/965, 24-25=-2540/965, 25-26=-2540/965, 18-26=-2540/965,
 18-27=-1091/3570, 27-28=-1091/3570, 28-29=-1091/3570, 17-29=-1091/3570,
 16-17=-1091/3570, 16-30=-1601/5167, 30-31=-1601/5167, 15-31=-1601/5167,
 15-32=-2078/6755, 32-33=-2078/6755, 14-33=-2078/6755, 14-34=-2078/6755,
 34-35=-2078/6755, 13-35=-2078/6755
 WEBS 3-21=-324/181, 5-21=-273/285, 5-19=-454/366, 6-19=-1128/367, 7-19=-4076/1484,
 7-18=-2006/5639, 8-18=-408/196, 9-18=-2463/772, 9-16=-941/2780, 10-16=-2187/700,
 10-15=-517/1846, 12-15=-1753/526, 12-14=-290/1222

- NOTES-**
- 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.
 - 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.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 761 lb uplift at joint 2, 2343 lb uplift at joint 19 and 1089 lb uplift at joint 13.
 - "Semi-rigid pitchbreaks including heels" Member and fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIL-7473 rev. 10/03/2015 BEFORE USE.
 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T23	Truss Type Hip Girder	Qty 1	Ply 2	Job Reference (optional) T11146743
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:57 2017 Page 2
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- NOTES-**
- 10) Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 18-0-12 from the left end to 44-0-12 to connect truss(es) to back face of bottom chord.
 - 11) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-6=-54, 6-9=-54, 9-13=-54, 2-13=-10

Concentrated Loads (lb)

Vert: 16=-448(B) 14=-451(B) 23=-448(B) 25=-448(B) 26=-448(B) 27=-448(B) 28=-448(B) 29=-448(B) 30=-448(B) 31=-448(B) 32=-448(B) 33=-448(B) 34=-463(B) 35=-463(B)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component**



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T24	Truss Type Half Hip Girder	Qty 1	Ply 1	Job Reference (optional)	T11146744
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:58 2017 Page 1
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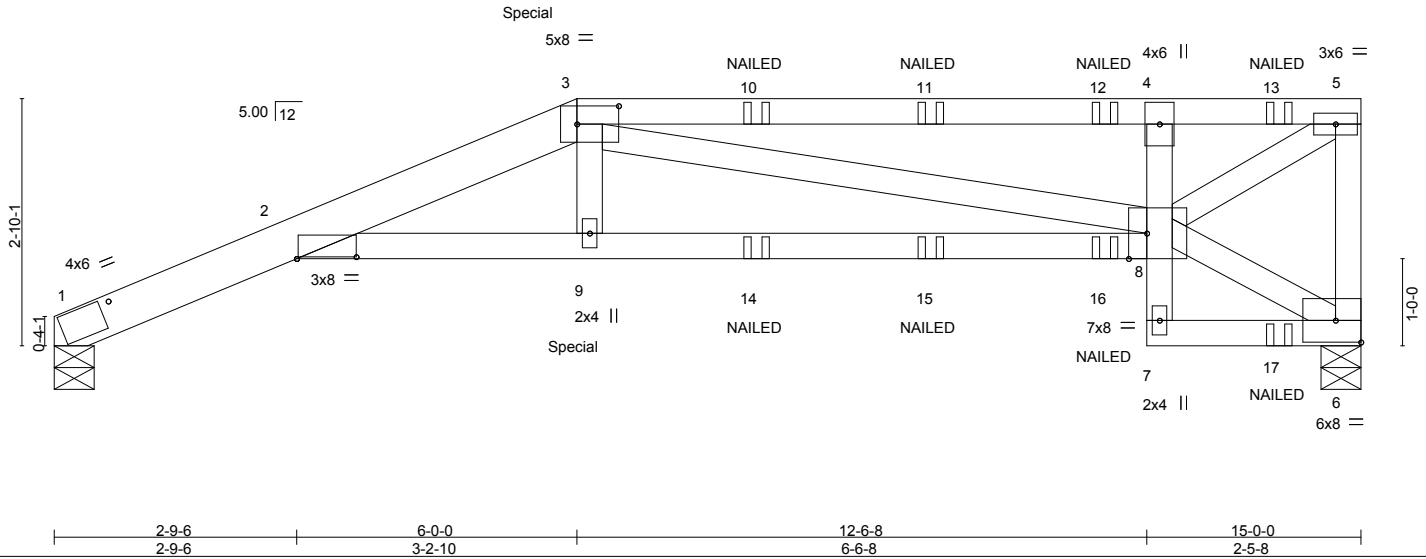


Plate Offsets (X,Y)-- [2:2-2.4,0-4.5], [2:0-8-3,0-0-4], [3:0-5-12,0-2-8], [8:0-2-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.73	Vert(LL) 0.25	2-9	>713	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.82	Vert(TL) -0.38	2-9	>466	180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.62	Horz(TL) 0.22	6	n/a	n/a		
BCDL 5.0	Code FBC2014/TPI2007	(Matrix)					Weight: 72 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-7-9 oc bracing.

REACTIONS. (lb/size) 1=651/0-5-8, 6=808/0-5-8
Max Horz 1=85(LC 8)
Max Uplift 1=310(LC 8), 6=466(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1924/1084, 3-10=-1191/701, 10-11=-1191/701, 11-12=-1191/701, 4-12=-1191/701, 4-13=-1025/601, 5-13=-1025/601, 5-6=-761/460
BOT CHORD 2-9=-1086/1877, 9-14=-1092/1897, 14-15=-1092/1897, 15-16=-1092/1897, 8-16=-1092/1897, 4-8=-470/345
WEBS 3-9=-71/325, 3-8=-725/443, 5-8=-737/1255

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); 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) 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 310 lb uplift at joint 1 and 466 lb uplift at joint 6.
 - 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 9) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
 - 10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 148 lb down and 181 lb up at 6-0-0 on top chord, and 52 lb down and 53 lb up at 6-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T24	Truss Type Half Hip Girder	Qty 1	Ply 1	T11146744
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:58 2017 Page 2
 ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-Xa0kGMXJEktY7h6xyfvvtZ8w1R9RhuvbuUHcuzFtvx

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-2=-65, 2-3=-54, 3-5=-54, 2-8=-10, 6-7=-10

Concentrated Loads (lb)

Vert: 3=-86(F) 9=-52(F) 10=-53(F) 11=-53(F) 12=-53(F) 13=-81(F) 14=-40(F) 15=-40(F) 16=-40(F) 17=-20(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T25	Truss Type Half Hip	Qty 1	Ply 1	Job Reference (optional)	T11146745
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:30:59 2017 Page 1

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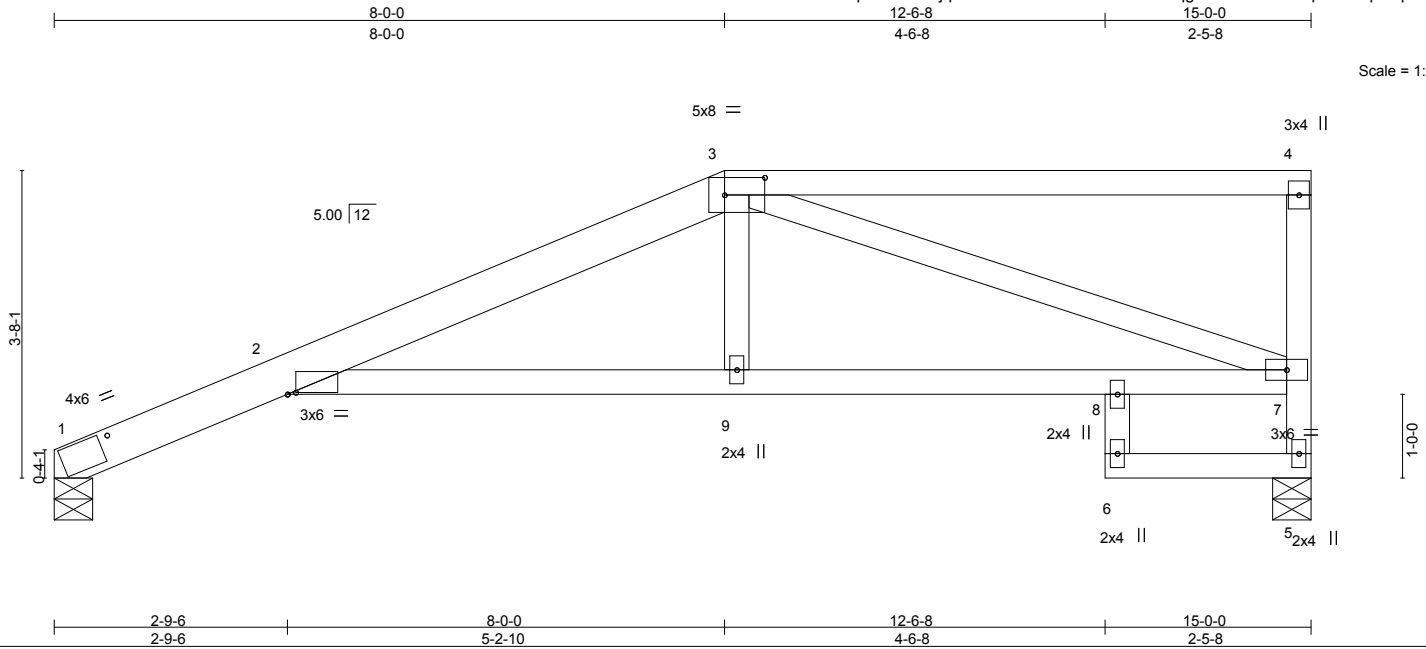


Plate Offsets (X,Y)-- [2:0-1-3.0-0-4], [2:2-2-3.0-4-4], [3:0-5-12.0-2-8]

LOADING (psf)	SPACING-	CS.I.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.88	Vert(LL) 0.28	2-9	>626	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.58	Vert(TL) -0.46	2-9	>382	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.78	Horz(TL) 0.22	5	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 71 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2 *Except*
3-4: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-8: 2x4 SP No.3
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 6-0-0 oc bracing. Except: 6-11-0 oc bracing: 2-9

REACTIONS.

(lb/size) 1=470/0-5-8, 5=468/0-5-8
Max Horz 1=112(LC 12)
Max Uplift 1=109(LC 12), 5=134(LC 9)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-882/567, 5-7=-451/353
BOT CHORD 2-9=-641/826, 8-9=-640/832, 7-8=-646/843
WEBS 3-7=-813/634

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TP1 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 109 lb uplift at joint 1 and 134 lb uplift at joint 5.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T26	Truss Type Half Hip	Qty 1	Ply 1	Job Reference (optional)	T11146746
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:00 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-Uy8Uh1ZZmM7GN_FJpNiN_IQ3q5KvecB3CzOhmzFtv

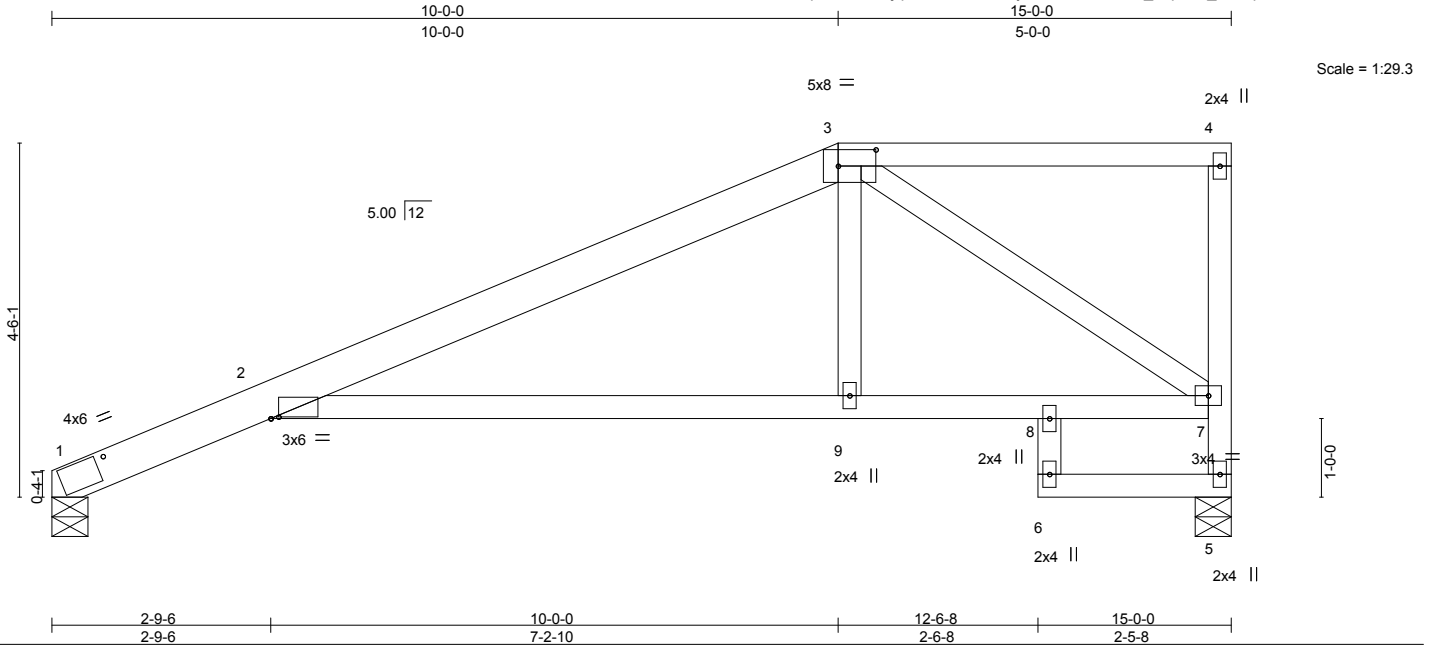


Plate Offsets (X,Y)-- [2:0-1-3,0-0-4], [2:2-1-14,0-4-4], [3:0-5-12,0-2-8]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.94	Vert(LL) 0.39	2-9	>445	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.90	Vert(TL) -0.65	2-9	>271	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.41	Horz(TL) 0.27	5	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 74 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
3-4: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-8: 2x4 SP No.3
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 8-8-14 oc bracing. Except: 7-10-0 oc bracing: 2-9

REACTIONS. (lb/size) 1=470/0-5-8, 5=468/0-5-8
Max Horz 1=141(LC 12)
Max Uplift 1=111(LC 12), 5=129(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-622/352, 5-7=-458/368
BOT CHORD 2-9=-449/563, 8-9=-449/569, 7-8=-453/565
WEBS 3-7=-671/529

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TP1 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 111 lb uplift at joint 1 and 129 lb uplift at joint 5.
 - 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

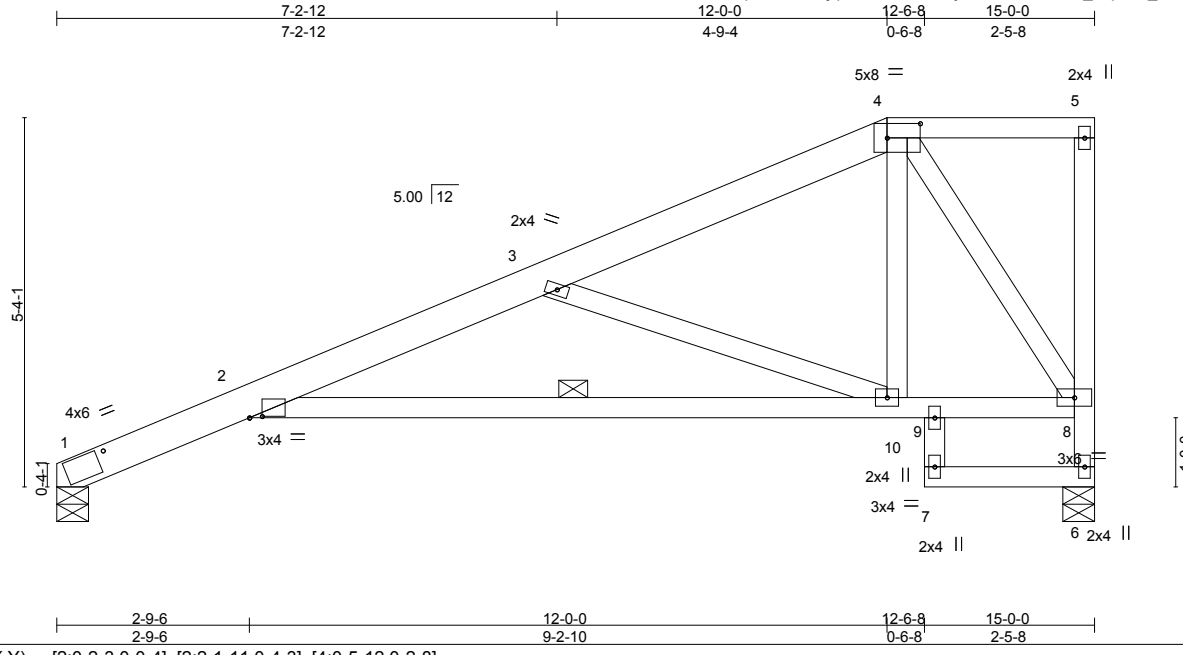


6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T27	Truss Type Half Hip	Qty 1	Ply 1	Job Reference (optional)	T11146747
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:00 2017 Page 1
ID:6uMeWvmqVeEx7FGGjqSaDTzVmxC-Uy8Uh1ZZmM7GN_FJpNiN_ifQIq87veAB3CzOhmzFtv



Scale = 1:33.3

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

LOADING (psf)	SPACING-	CS.I.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.93	Vert(LL) -0.25	2-10	>691	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.72	Vert(TL) -0.55	2-10	>318	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.44	Horz(TL) 0.20	6	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 85 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2 *Except*
4-5: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
7-9: 2x4 SP No.3
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 6-0-0 oc bracing. Except: 5-11-0 oc bracing: 2-10

REACTIONS.

(lb/size) 1=470/0-5-8, 6=468/0-5-8
Max Horz 1=169(LC 12)
Max Uplift 1=109(LC 12), 6=139(LC 12)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1053/730, 3-4=-386/190, 6-8=-461/382
BOT CHORD 2-10=-936/1031, 9-10=-226/301, 8-9=-224/323
WEBS 3-10=-787/761, 4-10=-210/417, 4-8=-509/380

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TP1 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 109 lb uplift at joint 1 and 139 lb uplift at joint 6.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T28	Truss Type Half Hip	Qty 1	Ply 1	Job Reference (optional) T11146748
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:01 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-y9isuNaBXf7_8qWN4DcXVBcmEVYe5sLlsjDCzFtvu

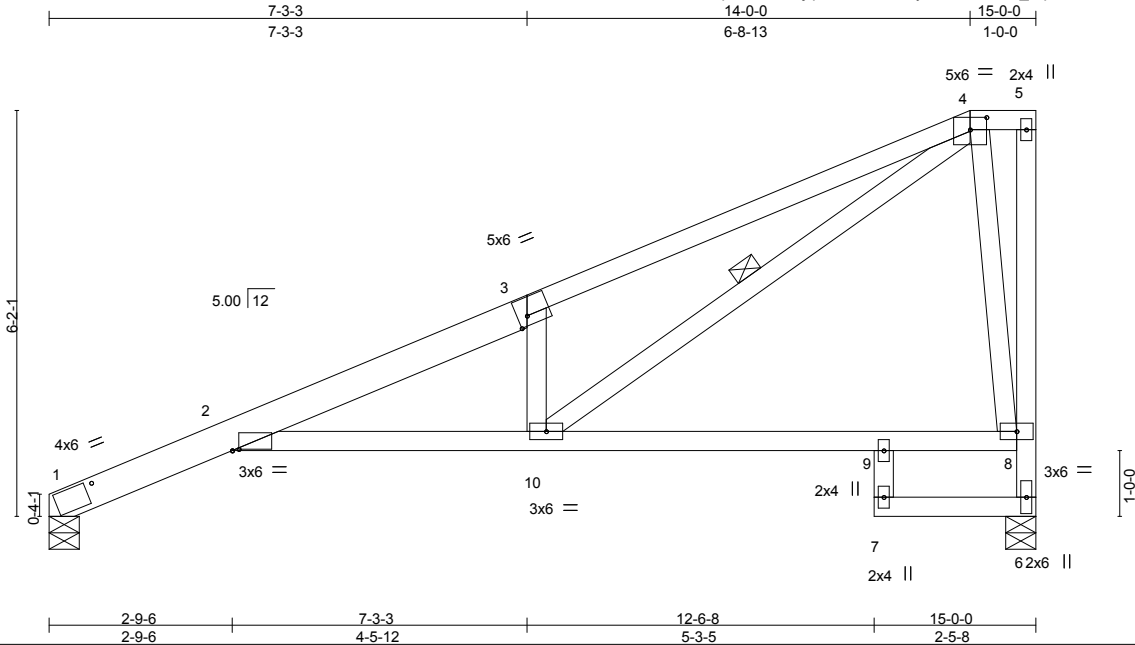


Plate Offsets (X,Y)-- [2:2-2-1.0-4-2], [2:0-1-3.0-0-4], [3:0-1-12.0-1-12], [4:0-3-0.0-2-4]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.88	Vert(LL)	0.26	2-10	>685	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.58	Vert(TL)	-0.41	2-10	>427		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.41	Horz(TL)	0.21	6	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2014/TP12007						Weight: 83 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-3: 2x6 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
7-9: 2x4 SP No.3
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 6-0-0 oc bracing. Except:
6-0-0 oc bracing: 2-10
WEBS 1 Row at midpt 4-10

REACTIONS. (lb/size) 1=470/0-5-8, 6=468/0-5-8
Max Horz 1=198(LC 12)
Max Uplift 1=102(LC 12), 6=171(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1044/623, 3-4=-1127/837, 6-8=-451/407
BOT CHORD 2-10=-877/1001
WEBS 4-10=-929/1077, 3-10=-541/573, 4-8=-503/521

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TP1 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 102 lb uplift at joint 1 and 171 lb uplift at joint 6.
 - 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

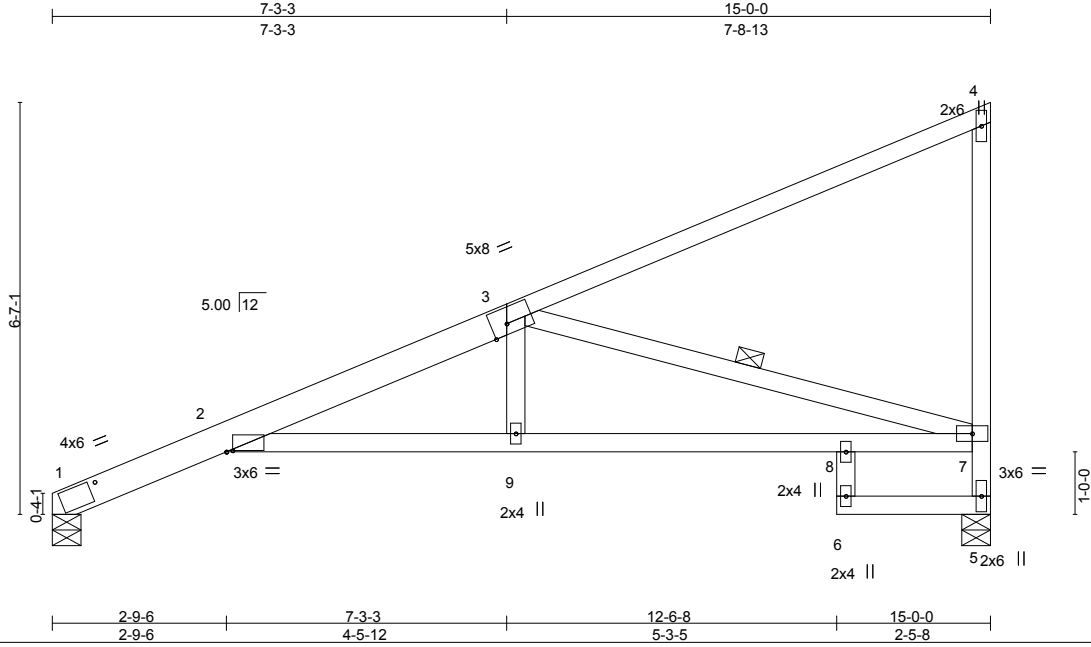


6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T29	Truss Type Monopitch	Qty 1	Ply 1	Job Reference (optional)	T11146749
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7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:02 2017 Page 1
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-QLGE6japlzN_clPiwokr3jknWesyNZxUWWSUlfzFtvt



Scale = 1:36.8

Plate Offsets (X,Y)-- [2:0-1-3.0-0-4], [2:2-1-10.0-4-1], [3:0-3-0-Edge]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.88	Vert(LL) 0.25	2-9	>710	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.57	Vert(TL) -0.40	2-9	>441	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.36	Horz(TL) 0.21	5	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 76 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2 *Except*
3-4: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-8: 2x4 SP No.3
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 6-0-0 oc bracing. Except:
5-10-0 oc bracing: 2-9
WEBS 1 Row at midpt 3-7

REACTIONS.

(lb/size) 1=470/0-5-8, 5=468/0-5-8
Max Horz 1=209(LC 12)
Max Uplift 1=97(LC 12), 5=187(LC 12)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-255/37, 2-3=-1077/638, 5-7=-450/415
BOT CHORD 2-9=-919/1038, 8-9=-917/1045, 7-8=-928/1054
WEBS 3-7=-1056/929

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) 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.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 97 lb uplift at joint 1 and 187 lb uplift at joint 5.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

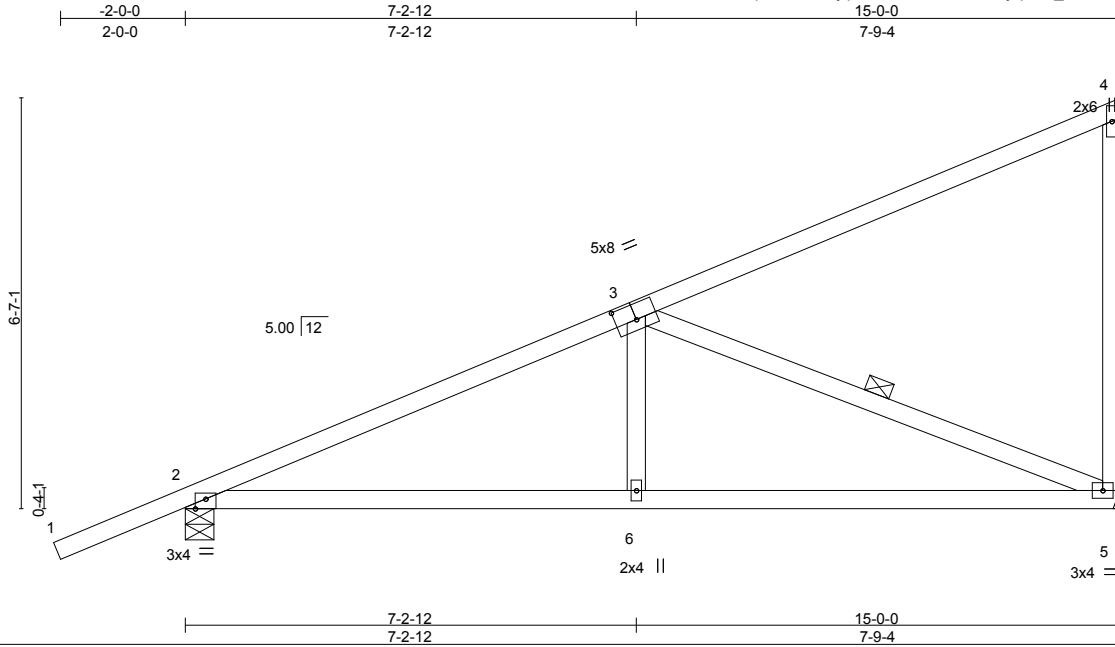


6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T30	Truss Type Monopitch	Qty 7	Ply 1	Job Reference (optional)	T11146750
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7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:02 2017 Page 1
ID:6uMeWvmqVeEx7fGgjqSaDTzVmxC-QLGE6japlzN_clPiwokr3jkrctkNbZUWWSUlfzFvt



Scale = 1:36.9

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

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.62	Vert(LL)	-0.09	5-6	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.46	Vert(TL)	-0.16	5-6	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.25	Horz(TL)	0.02	5	n/a	n/a		
BCDL 5.0	Code	FBC2014/TP12007	(Matrix)						Weight: 75 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-10-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-0-6 oc bracing.
WEBS 1 Row at midpt 3-5

REACTIONS. (lb/size) 5=458/Mechanical, 2=601/0-5-8
Max Horz 2=233(LC 12)
Max Uplift 5=183(LC 12), 2=144(LC 12)

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

TOP CHORD 2-3=-780/297
BOT CHORD 2-6=-535/655, 5-6=-534/656
WEBS 3-6=0/257, 3-5=-686/558

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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 183 lb uplift at joint 5 and 144 lb uplift at joint 2.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T31	Truss Type Half Hip	Qty 1	Ply 1	T11146751
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:03 2017 Page 1
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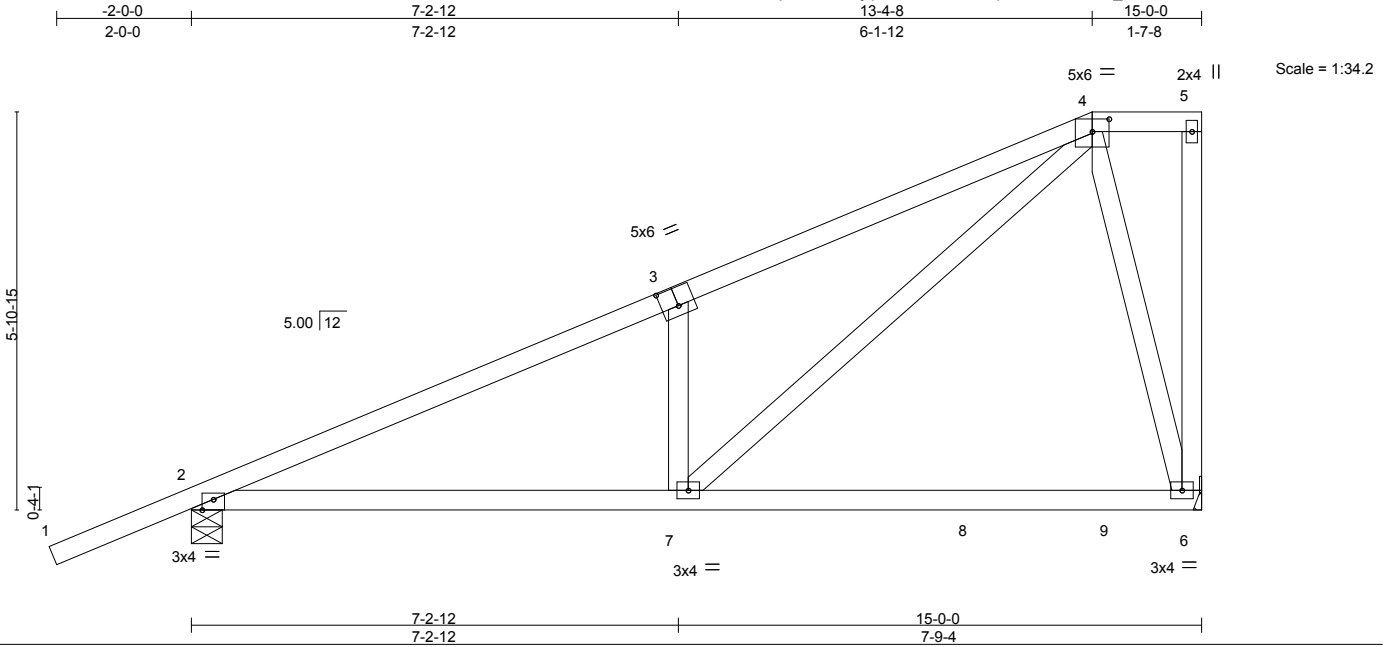


Plate Offsets (X,Y)-- [2:0-2-0,Edge], [3:0-3-0,0-3-4], [4:0-3-0,0-2-4]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.44	Vert(LL) -0.09	6-7	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.44	Vert(TL) -0.16	6-7	>999	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.72	Horz(TL) 0.01	6	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 82 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6'-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8'-2-9 oc bracing.

REACTIONS. (lb/size) 6=458/Mechanical, 2=601/0-5-8
Max Horz 2=212(LC 12)
Max Uplift 6=157(LC 12), 2=151(LC 12)

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

TOP CHORD 2-3=-760/310, 3-4=-752/484
BOT CHORD 2-7=-508/632
WEBS 3-7=-376/410, 4-7=-541/688, 4-6=-444/403

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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, 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 157 lb uplift at joint 6 and 151 lb uplift at joint 2.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component**



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T32	Truss Type Half Hip	Qty 1	Ply 1	Job Reference (optional)	T11146752
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:03 2017 Page 1
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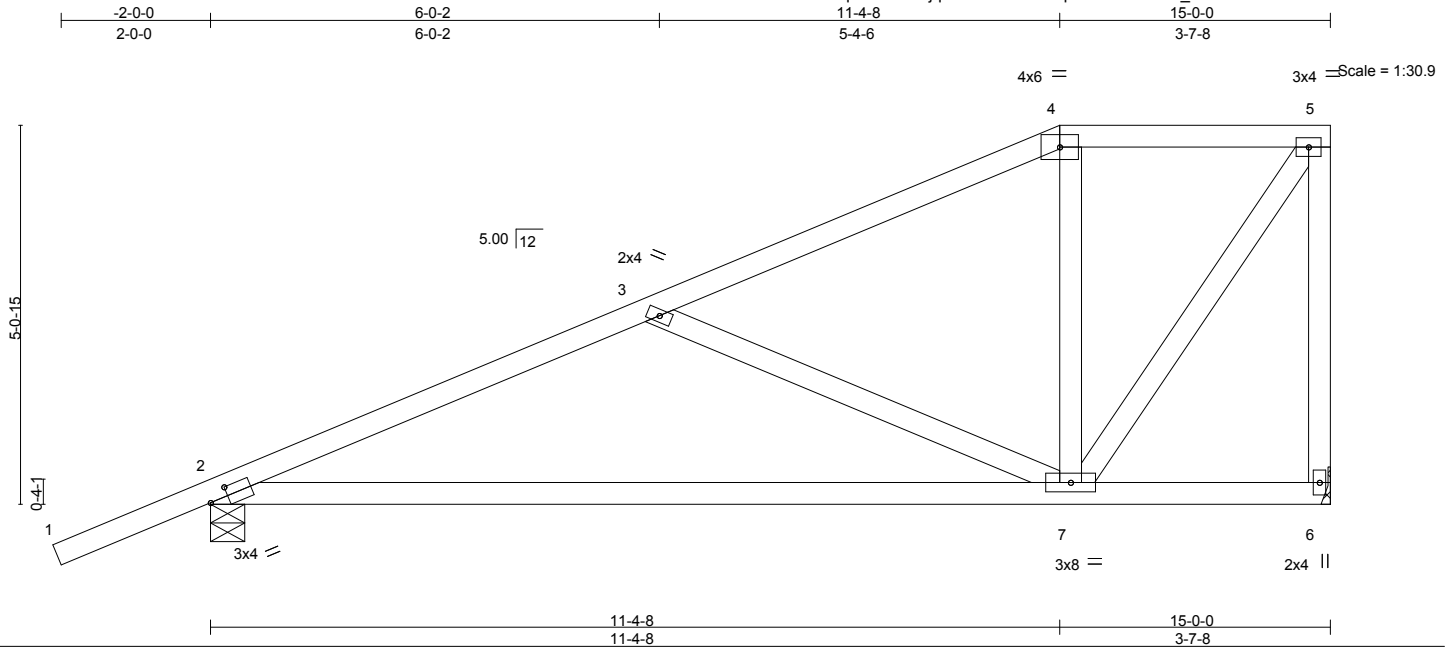


Plate Offsets (X,Y)-- [2:0-3-0-0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.42	Vert(LL) -0.41	2-7	>426	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.83	Vert(TL) -0.73	2-7	>241	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.30	Horz(TL) 0.01	6	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 80 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 6=458/Mechanical, 2=601/0-5-8
Max Horz 2=184(LC 12)
Max Uplift 6=127(LC 12), 2=157(LC 12)

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

TOP CHORD 2-3=-769/423, 3-4=-368/148, 4-5=-276/182, 5-6=-473/319
BOT CHORD 2-7=-579/653
WEBS 3-7=-406/426, 5-7=-312/479

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 127 lb uplift at joint 6 and 157 lb uplift at joint 2.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component**



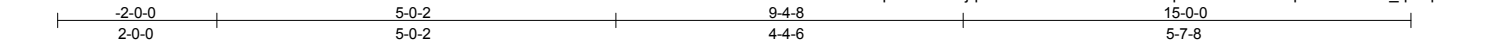
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T33	Truss Type Half Hip	Qty 1	Ply 1	T11146753
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Builders FirstSource, Jacksonville, FL 32244

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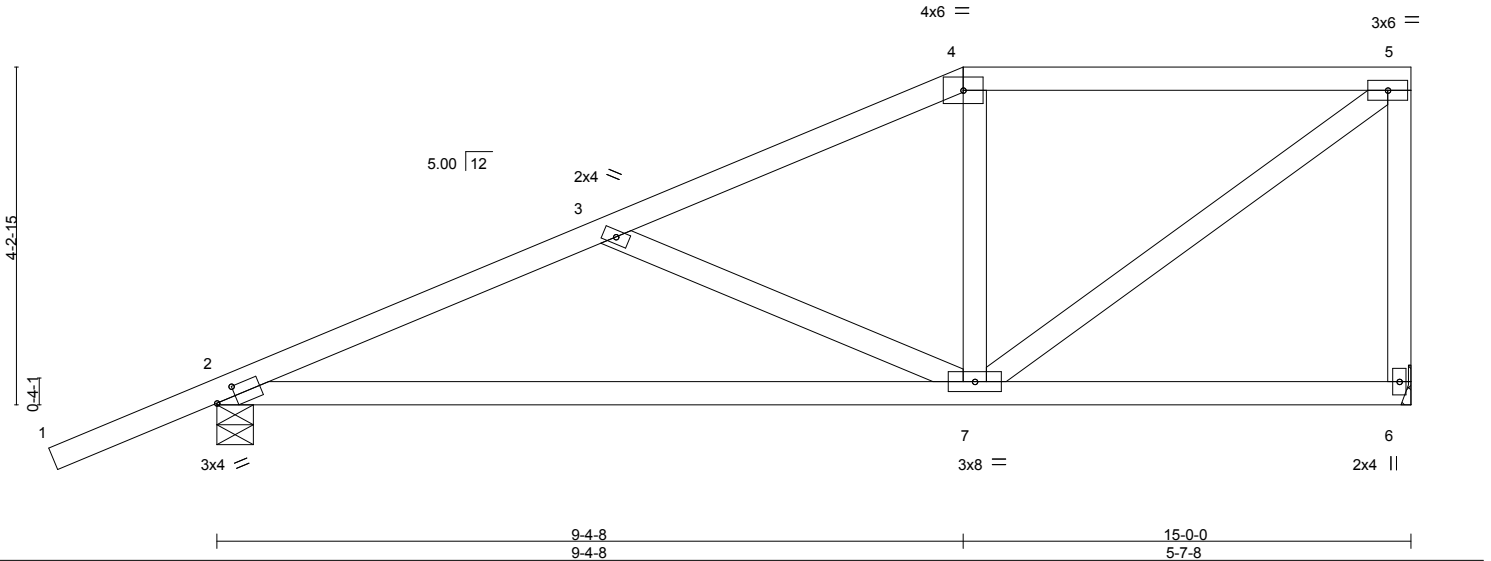


Plate Offsets (X,Y)-- [2:0-3-0-0-1-8]

LOADING (psf)	SPACING-	CSL.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.40	Vert(LL) -0.20	2-7	>886	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.57	Vert(TL) -0.35	2-7	>499	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.28	Horz(TL) 0.01	6	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 77 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 7-8-4 oc bracing.

REACTIONS. (lb/size) 6=458/Mechanical, 2=601/0-5-8
 Max Horz 2=156(LC 12)
 Max Uplift 6=129(LC 9), 2=-158(LC 12)

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

TOP CHORD 2-3=-804/466, 3-4=-505/265, 4-5=-418/285, 5-6=-441/319
 BOT CHORD 2-7=-579/688
 WEBS 3-7=-290/316, 5-7=-338/499

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 6 and 158 lb uplift at joint 2.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



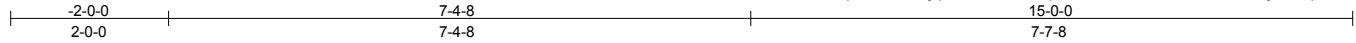
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T34	Truss Type Half Hip	Qty 1	Ply 1	Job Reference (optional) T11146754
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Builders FirstSource, Jacksonville, FL 32244

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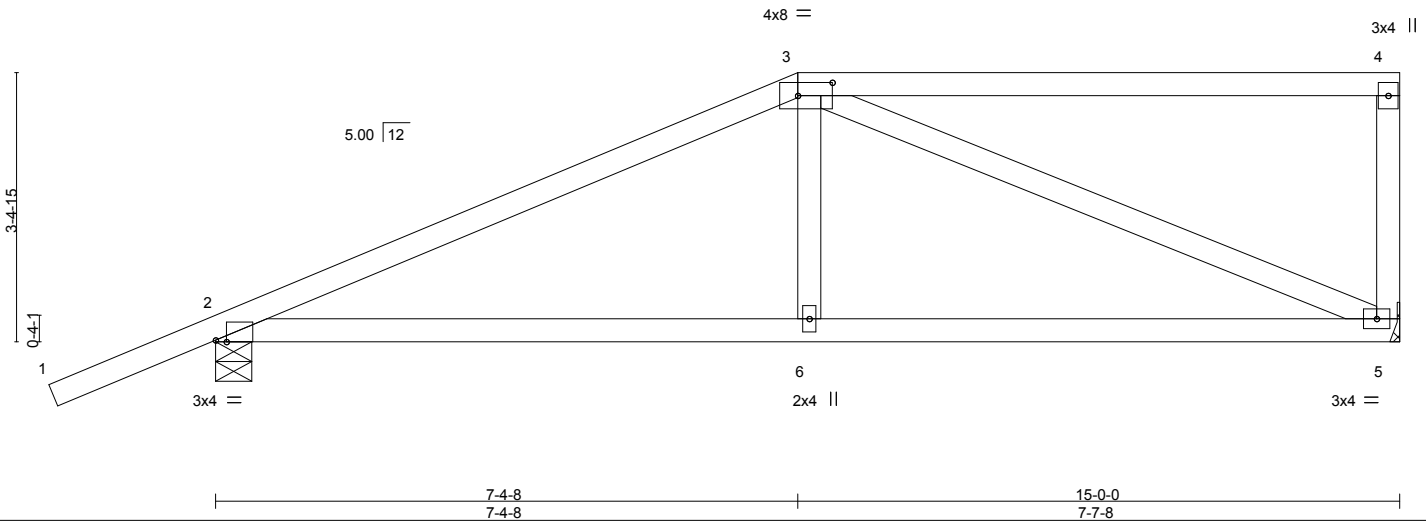


Plate Offsets (X,Y)-- [2:0-1-10,Edge], [3:0-5-4,0-2-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.61	Vert(LL) -0.07	2-6	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.44	Vert(TL) -0.14	2-6	>999	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.72	Horz(TL) 0.02	5	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 69 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-4-14 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 8-11-14 oc bracing.

REACTIONS. (lb/size) 5=458/Mechanical, 2=601/0-5-8
 Max Horz 2=128(LC 12)
 Max Uplift 5=-133(LC 9), 2=-166(LC 8)

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

TOP CHORD 2-3=-726/367
 BOT CHORD 2-6=-411/594, 5-6=-409/598
 WEBS 3-6=0/256, 3-5=-596/410

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 133 lb uplift at joint 5 and 166 lb uplift at joint 2.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component**



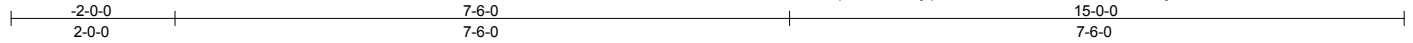
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T35	Truss Type Common	Qty 1	Ply 1	Job Reference (optional) T11146755
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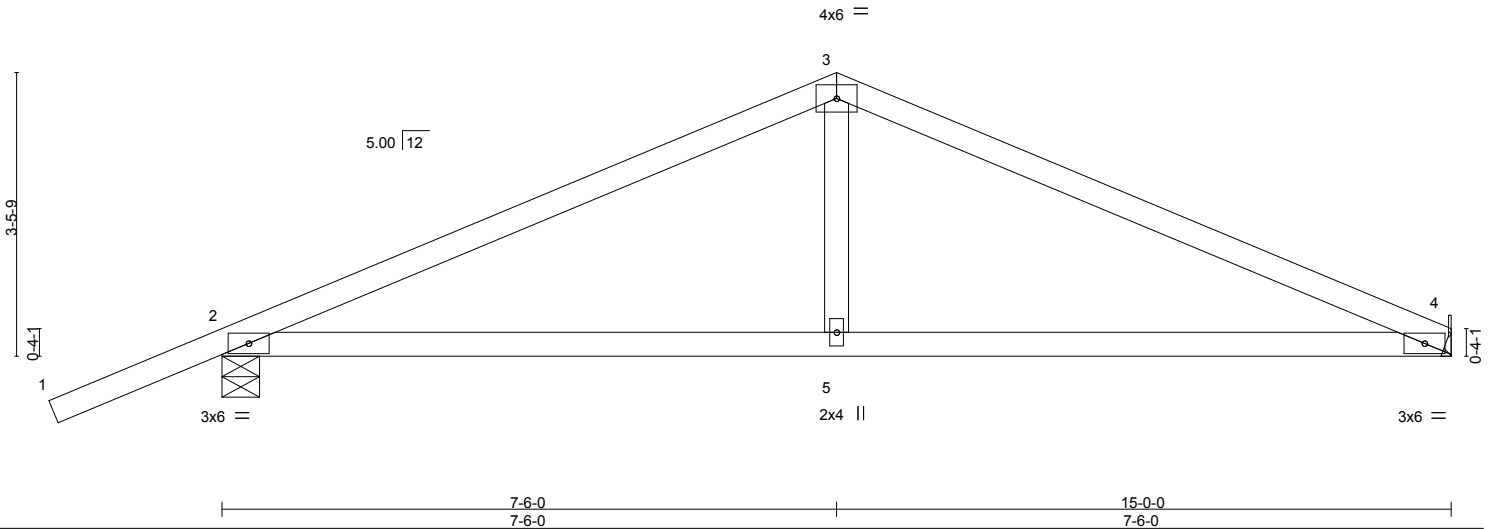
Builders FirstSource, Jacksonville, FL 32244

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Scale = 1:28.1



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 0.78	Vert(LL)	-0.08	4-5	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.47	Vert(TL)	-0.16	4-5	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.10	Horz(TL)	0.02	4	n/a	n/a		
BCDL 5.0	Code	FBC2014/TPI2007	(Matrix)						Weight: 54 lb	FT = 20%

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

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

REACTIONS. (lb/size) 4=461/Mechanical, 2=604/0-5-8
Max Horz 2=61(LC 12)
Max Uplift 4=115(LC 13), 2=162(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-740/443, 3-4=-733/437
BOT CHORD 2-5=-306/606, 4-5=-306/606
WEBS 3-5=0/267

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=18ft; 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
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 115 lb uplift at joint 4 and 162 lb uplift at joint 2.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T36	Truss Type Roof Special	Qty 2	Ply 1	Job Reference (optional) T11146756
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:06 2017 Page 1
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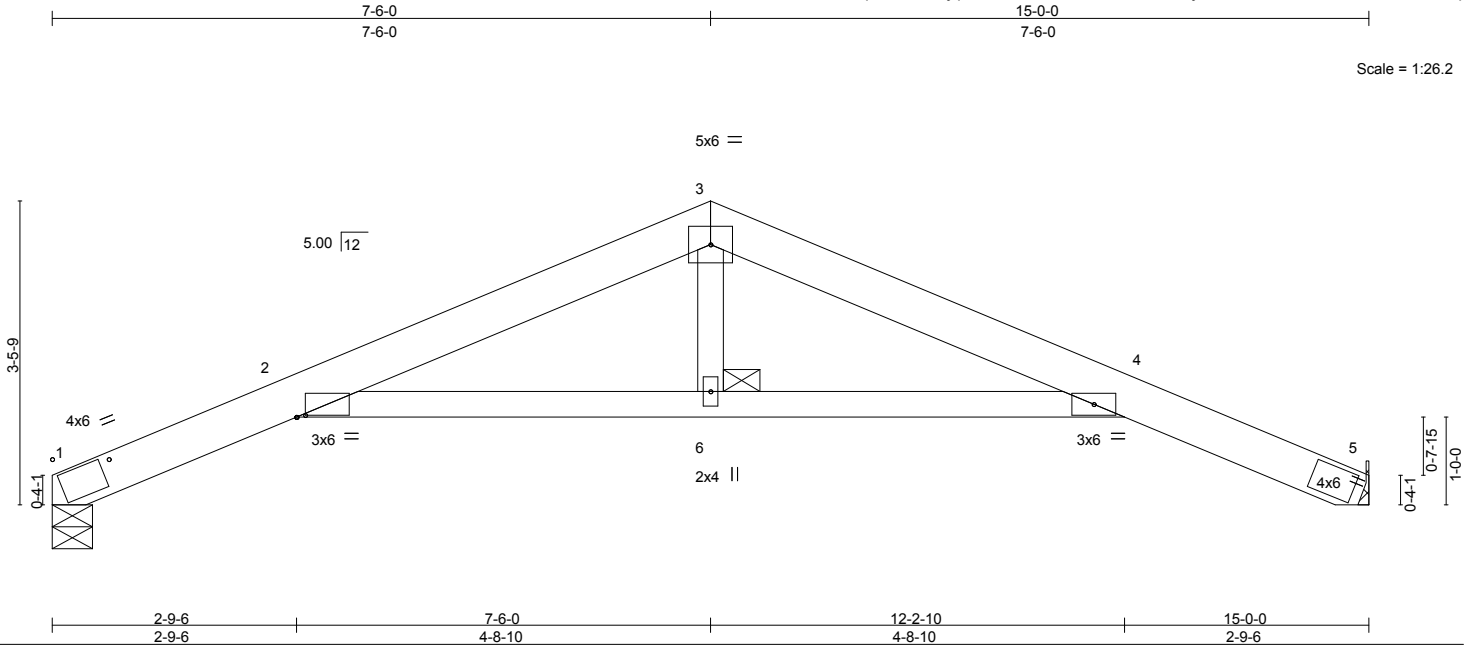


Plate Offsets (X,Y)-- [2:0-1-3,0-0-4], [2:2-1-15,0-4-4], [2:2-4-13,1-5-14]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.94	Vert(LL)	0.32	4-6	>545	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.64	Vert(TL)	-0.56	4-6	>313		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.08	Horz(TL)	0.39	5	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)					Weight: 55 lb	FT = 20%
	Code FBC2014/TP12007							

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 6

REACTIONS. (lb/size) 1=472/0-5-8, 5=473/Mechanical
Max Horz 1=-40(LC 13)
Max Uplift 1=-115(LC 12), 5=-116(LC 13)

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

TOP CHORD 2-3=-1070/780, 3-4=-1067/778
BOT CHORD 2-6=-643/1023, 4-6=-643/1023

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=18ft; 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
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Bearing at joint(s) 1 considers parallel to grain value using ANSI/TP1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 115 lb uplift at joint 1 and 116 lb uplift at joint 5.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T37	Truss Type Hip Girder	Qty 1	Ply 1	Job Reference (optional) T11146757
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Builders FirstSource, Jacksonville, FL 32244

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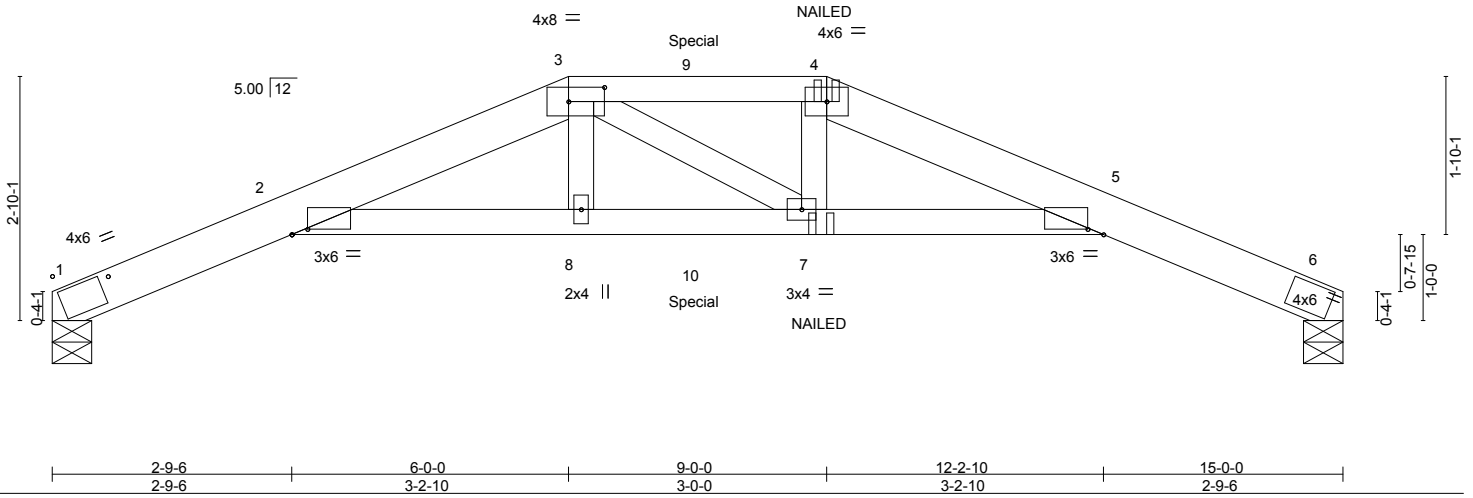


Plate Offsets (X,Y)-- [2:2-4-13,1-5-14], [2:2-1-15,0-4-3], [2:0-2-3,0-0-12], [3:0-5-0,0-2-0], [5:0-2-3,0-0-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.53	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.79	Vert(LL) 0.31 8 >565 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.07	Vert(TL) -0.48 2-8 >362 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.35 6 n/a n/a		
	Code FBC2014/TPI2007			Weight: 57 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP M 26 *Except*
3-4: 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-3-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-8-2 oc bracing.

REACTIONS.

(lb/size) 1=652/0-5-8, 6=652/0-5-8
Max Horz 1=31(LC 9)
Max Uplift 1=336(LC 8), 6=336(LC 9)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1901/1140, 3-9=-1870/1131, 4-9=-1870/1131, 4-5=-1902/1130
BOT CHORD 2-8=-1094/1854, 8-10=-1100/1869, 7-10=-1100/1869, 5-7=-1067/1855

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Bearing at joint(s) 1, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 336 lb uplift at joint 1 and 336 lb uplift at joint 6.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 148 lb down and 181 lb up at 6-0-0, and 53 lb down and 96 lb up at 7-6-0 on top chord, and 52 lb down and 53 lb up at 6-0-0, and 42 lb down and 27 lb up at 7-6-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-65, 2-3=-54, 3-4=-54, 4-5=-54, 5-6=-65, 2-5=-10
Concentrated Loads (lb)
Vert: 3=-86(B) 4=-86(B) 8=-52(B) 7=-52(B) 9=-53(B) 10=-40(B)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T39	Truss Type Hip Girder	Qty 1	Ply 1	Job Reference (optional) T11146758
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Builders FirstSource, Jacksonville, FL 32244

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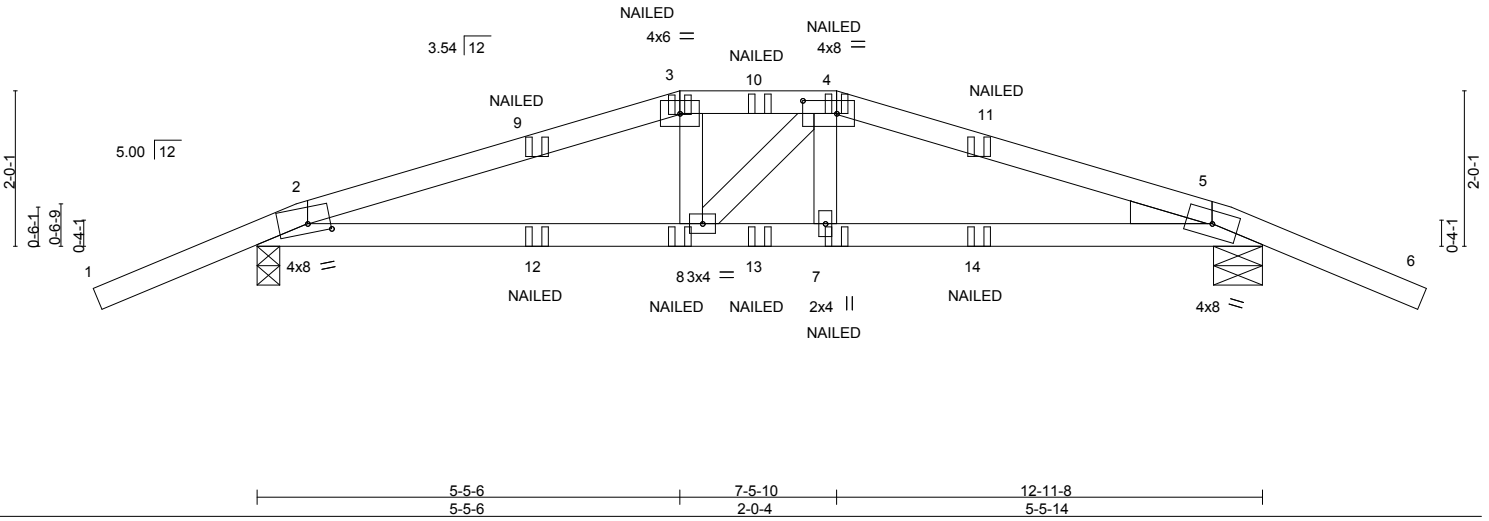
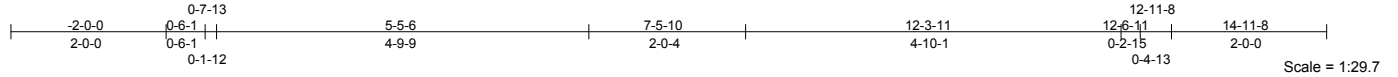


Plate Offsets (X,Y)-- [2:0-3-8,0-1-8], [4:0-5-4,0-2-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.51	Vert(LL)	-0.04	5-7	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.26	Vert(TL)	-0.05	5-7	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.05	Horz(TL)	-0.01	2	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)					Weight: 55 lb	FT = 20%
	Code FBC2014/TP12007							

LUMBER-

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

(lb/size) 2=475/0-3-8, 5=475/0-7-9
 Max Horz 5=-32(LC 9)
 Max Uplift 2=-210(LC 4), 5=-210(LC 5)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-9=-674/180, 3-9=-641/181, 3-10=-610/187, 4-10=-610/187, 4-11=-646/181,
 5-11=-680/180
 BOT CHORD 2-12=-132/653, 8-12=-133/652, 8-13=-138/651, 7-13=-138/651, 7-14=-143/653,
 5-14=-142/655

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 210 lb uplift at joint 2 and 210 lb uplift at joint 5.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54, 2-3=-54, 3-4=-54, 4-5=-54, 5-6=-54, 2-5=-10
 Concentrated Loads (lb)
 Vert: 3=39(F) 4=39(F) 8=-9(F) 7=-9(F) 9=20(F) 10=-3(F) 11=20(F) 13=-8(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



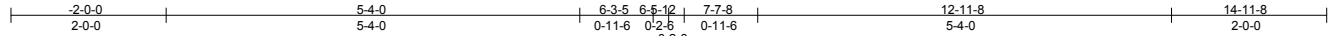
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T40	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional) T11146759
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Builders FirstSource, Jacksonville, FL 32244

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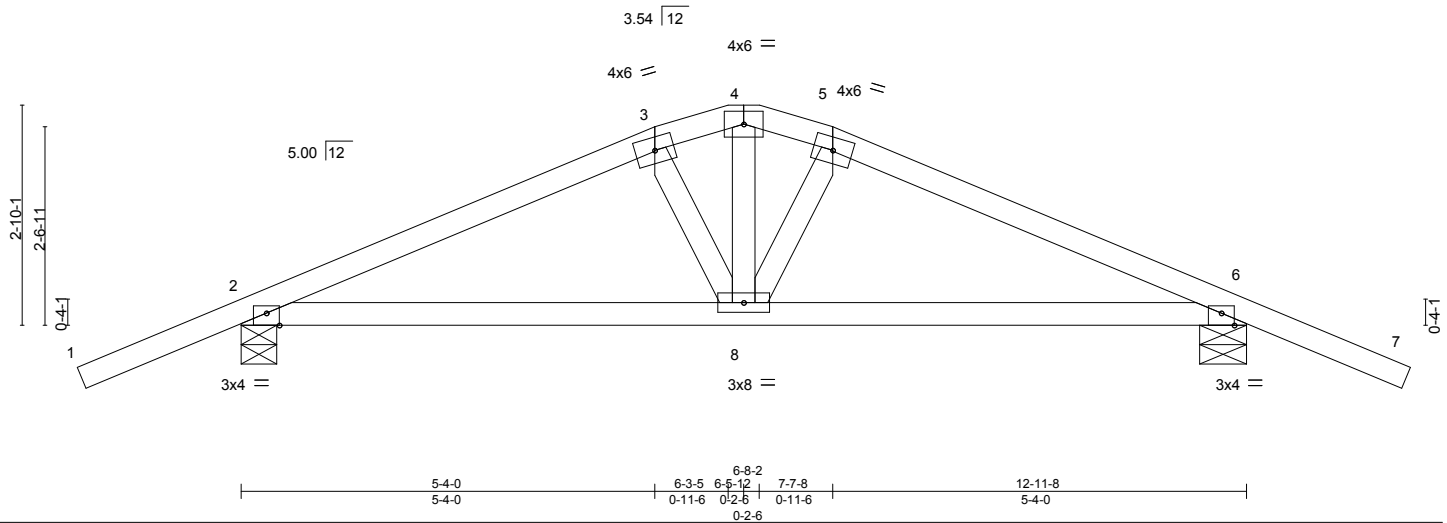


Plate Offsets (X,Y)-- [2:0-2-0,Edge], [5:0-0-0,0-0-0], [6:0-2-0,Edge]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.41	Vert(LL) -0.04	2-8	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.32	Vert(TL) -0.07	2-8	>999	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.10	Horz(TL) -0.01	2	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 57 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS.

(lb/size) 2=520/0-5-8, 6=526/0-7-4
 Max Horz 6=43(LC 12)
 Max Uplift 2=149(LC 8), 6=152(LC 9)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-594/351, 3-4=-472/338, 4-5=-471/339, 5-6=-592/351
 BOT CHORD 2-8=-198/486, 6-8=-181/482
 WEBS 4-8=-210/271

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 149 lb uplift at joint 2 and 152 lb uplift at joint 6.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



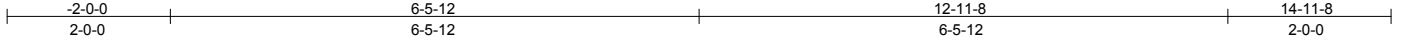
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T41	Truss Type Common	Qty 3	Ply 1	Job Reference (optional) T11146760
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Builders FirstSource, Jacksonville, FL 32244

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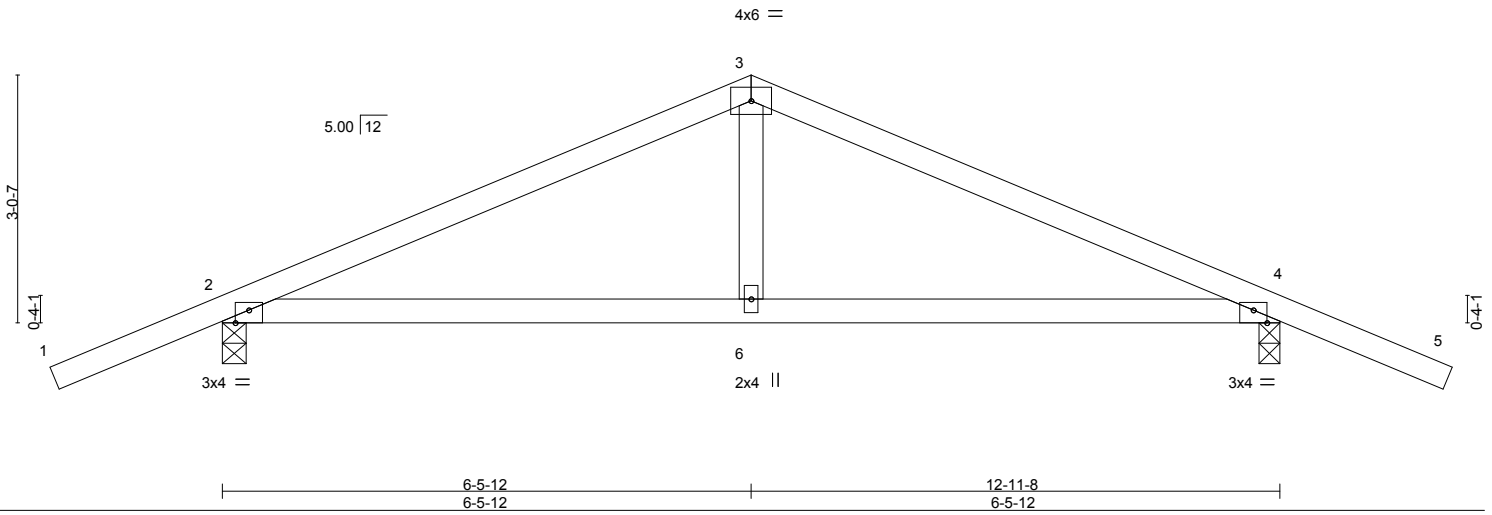


Plate Offsets (X,Y)-- [2:0-2-0,Edge], [4:0-2-0,Edge]

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 0.42	Vert(LL)	-0.04	4-6	>999	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.34	Vert(TL)	-0.08	4-6	>999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.09	Horz(TL)	-0.01	2	n/a		
BCDL 5.0	Code	FBC2014/TP12007	(Matrix)						
								Weight: 51 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS.

(lb/size) 2=525/0-3-8, 4=524/0-3-1
 Max Horz 4=44(LC 17)
 Max Uplift 2=143(LC 12), 4=143(LC 13)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-596/345, 3-4=-596/345
 BOT CHORD 2-6=-178/482, 4-6=-178/482

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 143 lb uplift at joint 2 and 143 lb uplift at joint 4.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component**



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T42	Truss Type Common Girder	Qty 1	Ply 2	Job Reference (optional) T11146761
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Builders FirstSource, Jacksonville, FL 32244

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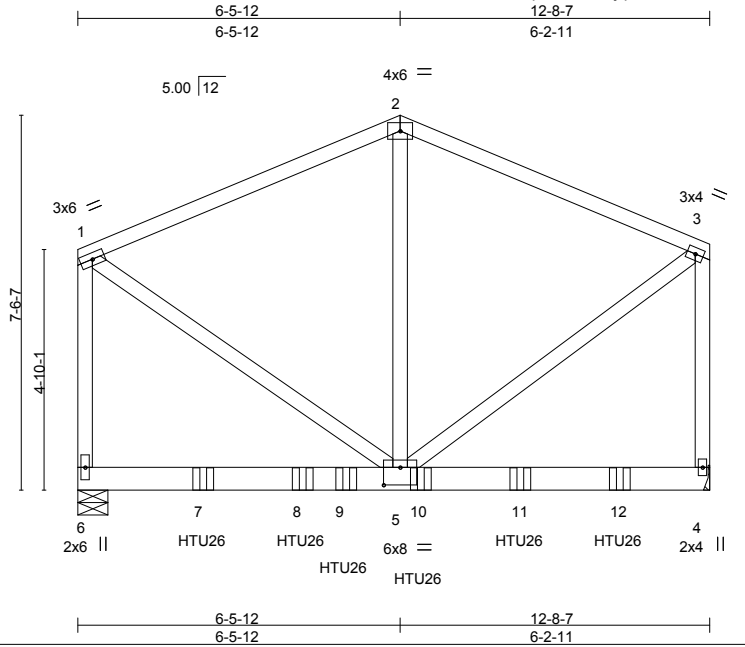


Plate Offsets (X,Y)-- [5:0-4-0-0-4-4]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.35	Vert(LL)	-0.06	5-6	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.67	Vert(TL)	-0.12	5-6	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.29	Horz(TL)	0.00	4	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)						
	Code FBC2014/TP12007						Weight: 190 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) 6=1980/0-7-4, 4=2033/Mechanical
 Max Horz 6=35(LC 8)
 Max Uplift 6=539(LC 8), 4=563(LC 9)

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

TOP CHORD 1-2=-1400/410, 2-3=-1396/411, 1-6=-1521/434, 3-4=-1578/449
 WEBS 2-5=-277/764, 1-5=-403/1450, 3-5=-421/1500

NOTES-

- 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.
- 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.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 539 lb uplift at joint 6 and 563 lb uplift at joint 4.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 2-6-4 from the left end to 10-10-12 to connect truss(es) to back face of bottom chord.
- Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

- 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: 7=-582(B) 8=-527(B) 9=-527(B) 10=-527(B) 11=-527(B) 12=-527(B)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSII/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



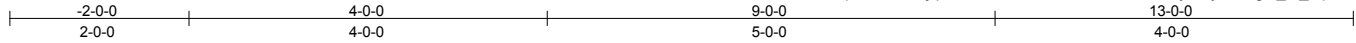
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T43	Truss Type Hip Girder	Qty 1	Ply 1	Job Reference (optional) T11146762
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:11 2017 Page 1

ID:6uMeWwmqVeEx7fGGjqSaDTzVmxC-f4le?ohSAkVIBhbRyBOyxccRgG_m_iTpbP8TadzFtvk



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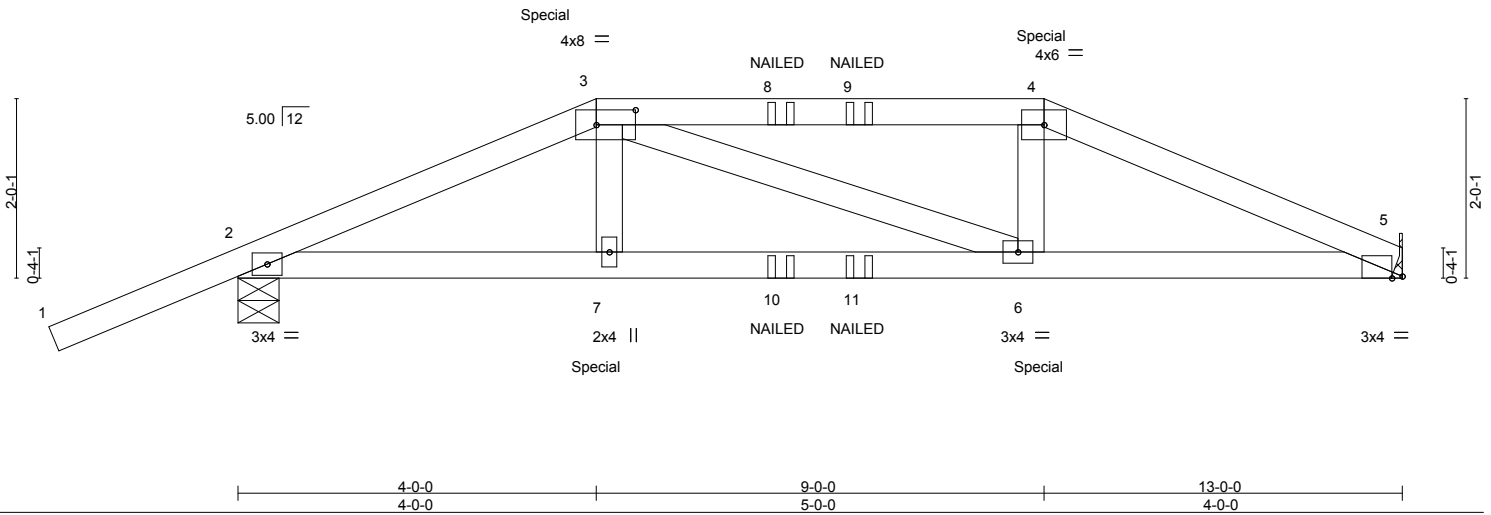


Plate Offsets (X,Y)-- [3:0-5-4,0-2-0], [5:0-1-6,Edge]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.40	Vert(LL) -0.04	6-7	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.33	Vert(TL) -0.08	6-7	>999	180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.08	Horz(TL) 0.02	5	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 54 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-11-9 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 9-2-11 oc bracing.

REACTIONS. (lb/size) 5=440/Mechanical, 2=586/0-5-8
 Max Horz 2=43(LC 12)
 Max Uplift 5=-219(LC 9), 2=-289(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-830/460, 3-8=-777/459, 8-9=-777/459, 4-9=-777/459, 4-5=-878/476
 BOT CHORD 2-7=-394/740, 7-10=-391/753, 10-11=-391/753, 6-11=-391/753, 5-6=-411/774

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 219 lb uplift at joint 5 and 289 lb uplift at joint 2.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 60 lb down and 140 lb up at 4-0-0, and 60 lb down and 140 lb up at 9-0-0 on top chord, and 134 lb down and 43 lb up at 4-0-0, and 134 lb down and 43 lb up at 8-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 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, 2-5=-10
 Concentrated Loads (lb)
 Vert: 3=-13(B) 4=-13(B) 7=-15(B) 6=-15(B) 8=-8(B) 9=-8(B) 10=-9(B) 11=-9(B)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



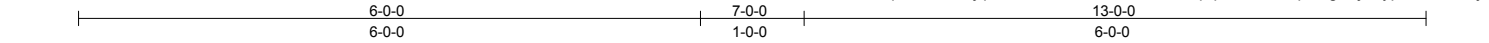
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T44	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional) T11146763
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Builders FirstSource, Jacksonville, FL 32244

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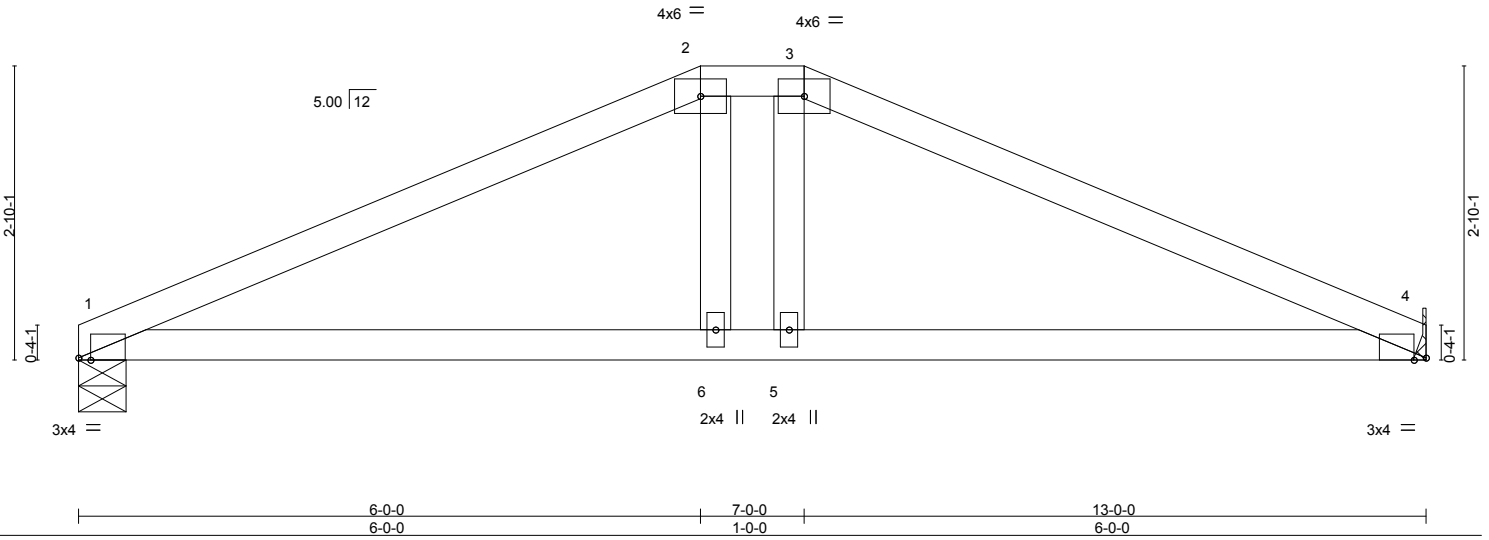


Plate Offsets (X,Y)-- [1:0-1-6,Edge], [4:0-1-6,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.45	Vert(LL)	-0.05	4-5	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.31	Vert(TL)	-0.09	4-5	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.06	Horz(TL)	0.01	4	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2014/TP12007						Weight: 47 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 1=407/0-5-8, 4=407/Mechanical
 Max Horz 1=32(LC 12)
 Max Uplift 1=97(LC 12), 4=98(LC 13)

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

TOP CHORD 1-2=-671/432, 2-3=-563/463, 3-4=-669/431
 BOT CHORD 1-6=-314/559, 5-6=-314/563, 4-5=-315/560

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 97 lb uplift at joint 1 and 98 lb uplift at joint 4.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



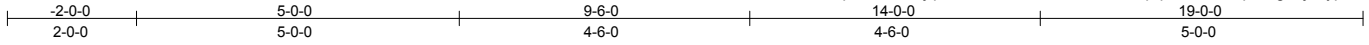
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T45	Truss Type Hip Girder	Qty 1	Ply 1	Job Reference (optional) T11146764
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:12 2017 Page 1

ID:6uMeWwmqVeEx7fGGjqSaDTzVmxC-7Gs0C8i5x2dZpqAdWuvBTq8dCgF4j5oy3u064zFtvj



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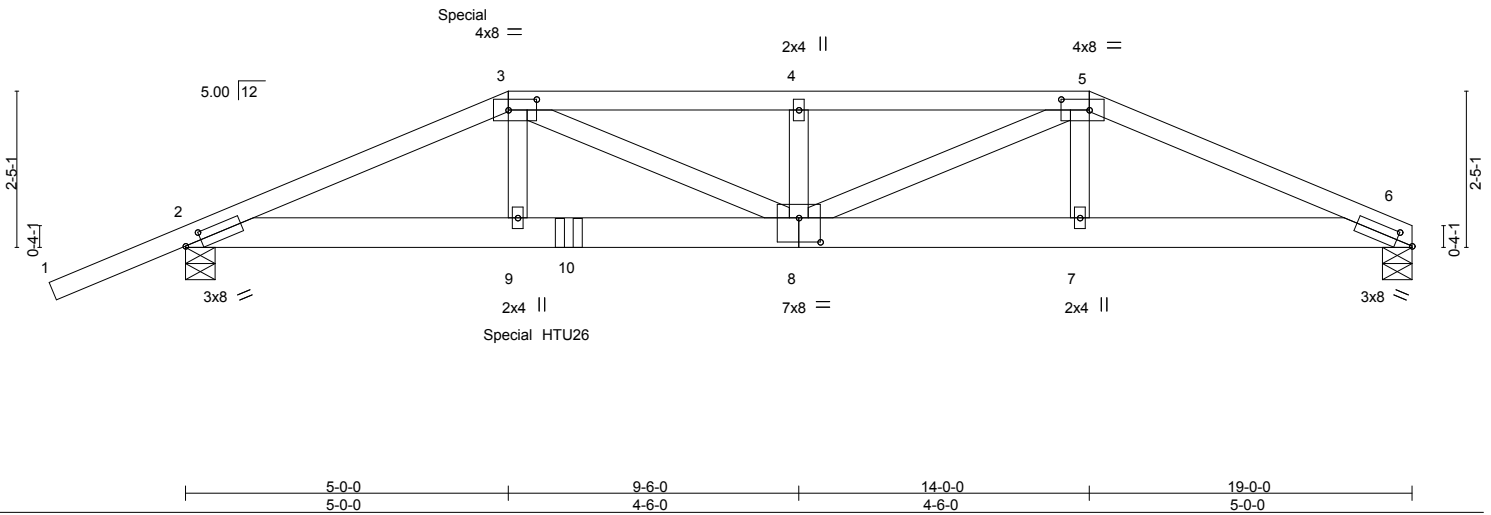


Plate Offsets (X,Y)-- [2:0-3-1.0-1-8], [3:0-5-4.0-2-0], [5:0-5-4.0-2-0], [6:0-3-1.0-1-8], [8:0-4-0.0-4-8]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.35	Vert(LL) 0.13	8-9	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.65	Vert(TL) -0.21	8-9	>999	180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.33	Horz(TL) 0.04	6	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 98 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 3-8-7 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-5-0 oc bracing.

REACTIONS.

(lb/size) 6=773/0-5-8, 2=1172/0-5-8
 Max Horz 2=50(LC 8)
 Max Uplift 6=300(LC 5), 2=-620(LC 4)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2305/1329, 3-4=-2197/1143, 4-5=-2197/1143, 5-6=-1650/707
 BOT CHORD 2-9=-1187/2065, 9-10=-1211/2102, 8-10=-1211/2102, 7-8=-615/1475, 6-7=-618/1471
 WEBS 3-9=-332/522, 3-8=-297/448, 4-8=-263/128, 5-8=-524/874

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 300 lb uplift at joint 6 and 620 lb uplift at joint 2.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss, Single Ply Girder) or equivalent at 5-11-4 from the left end to connect truss(es) to front face of bottom chord.
- Fill all nail holes where hanger is in contact with lumber.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 145 lb down and 219 lb up at 5-0-0 on top chord, and 117 lb down and 60 lb up at 5-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-5=-54, 5-6=-54, 2-6=-10
 Concentrated Loads (lb)
 Vert: 3=-98(F) 9=-71(F) 10=-466(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



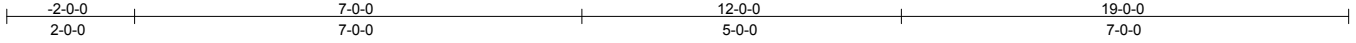
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T46	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional) T11146765
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:13 2017 Page 1

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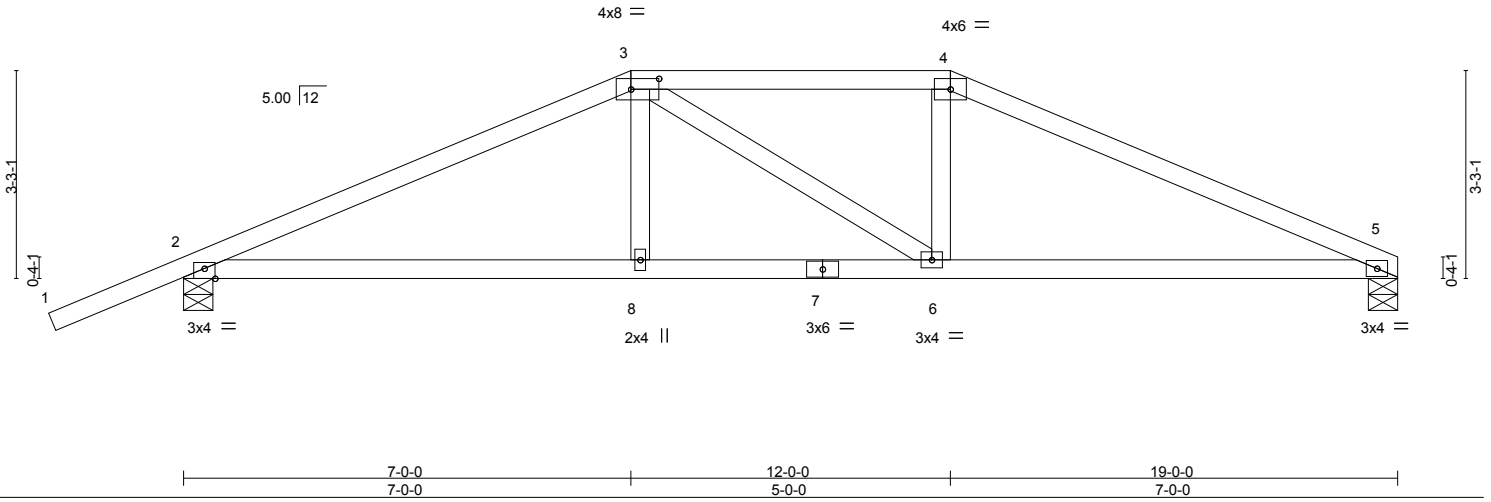


Plate Offsets (X,Y)-- [2:0-2-0,Edge], [3:0-5-4,0-2-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.69	Vert(LL)	-0.08	5-6	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.45	Vert(TL)	-0.18	5-6	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.07	Horz(TL)	0.03	5	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2014/TP12007						Weight: 77 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-8-15 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 8-6-13 oc bracing.

REACTIONS.

(lb/size) 5=586/0-5-8, 2=724/0-5-8
 Max Horz 2=59(LC 12)
 Max Uplift 5=130(LC 13), 2=199(LC 8)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1032/574, 3-4=-902/607, 4-5=-1050/587
 BOT CHORD 2-8=-431/875, 7-8=-430/878, 6-7=-430/878, 5-6=-449/898

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 130 lb uplift at joint 5 and 199 lb uplift at joint 2.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



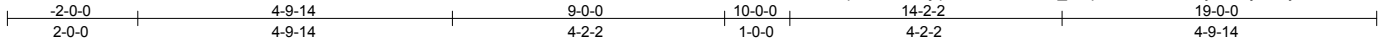
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T47	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional) T11146766
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:14 2017 Page 1

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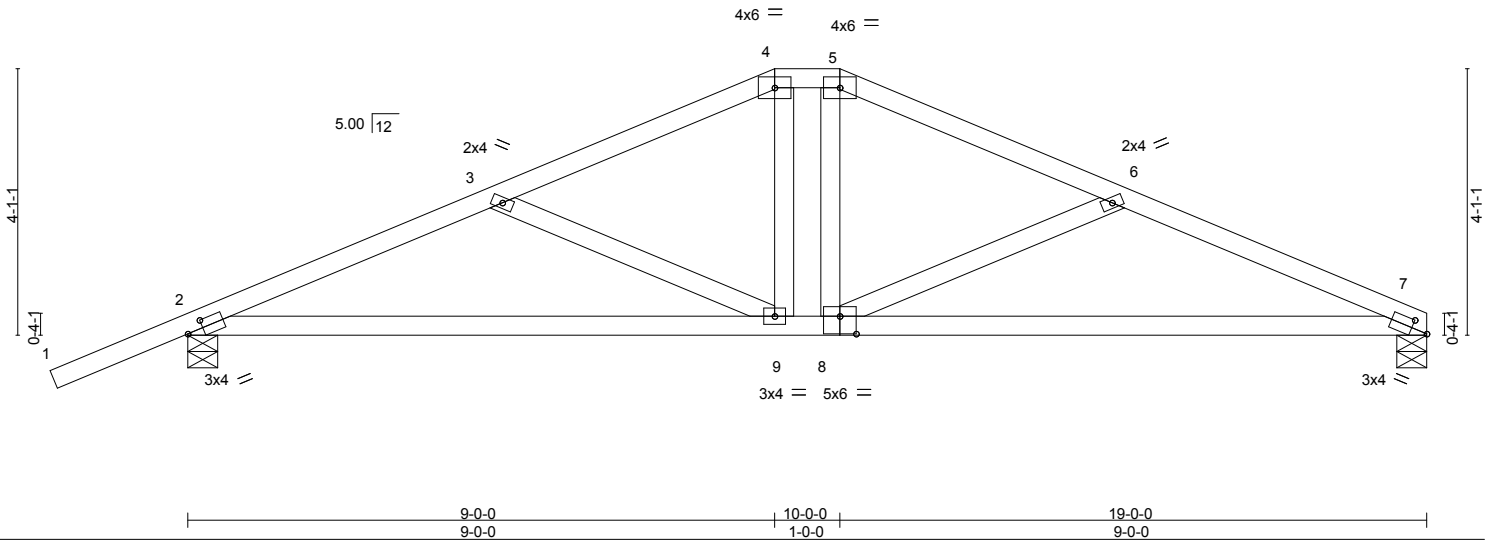


Plate Offsets (X,Y)-- [2:0-3-0-0-1-8], [7:0-3-0-0-1-8], [8:0-3-0-0-3-4]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.43	Vert(LL) -0.16	7-8	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.62	Vert(TL) -0.31	7-8	>719	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.16	Horz(TL) 0.04	7	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 87 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-2-12 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-6-1 oc bracing.

REACTIONS.

(lb/size) 7=586/0-5-8, 2=724/0-5-8
 Max Horz 2=69(LC 12)
 Max Uplift 7=142(LC 13), 2=189(LC 12)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1117/700, 3-4=-837/521, 4-5=-733/523, 5-6=-839/523, 6-7=-1145/732
 BOT CHORD 2-9=-575/973, 8-9=-320/733, 7-8=-615/1019
 WEBS 3-9=-288/282, 6-8=-337/329

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 142 lb uplift at joint 7 and 189 lb uplift at joint 2.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



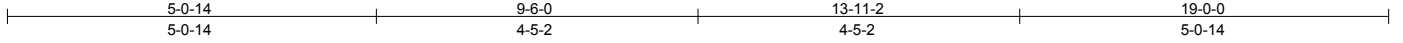
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T48	Truss Type Common Girder	Qty 1	Ply 2	Job Reference (optional) T11146767
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:15 2017 Page 1

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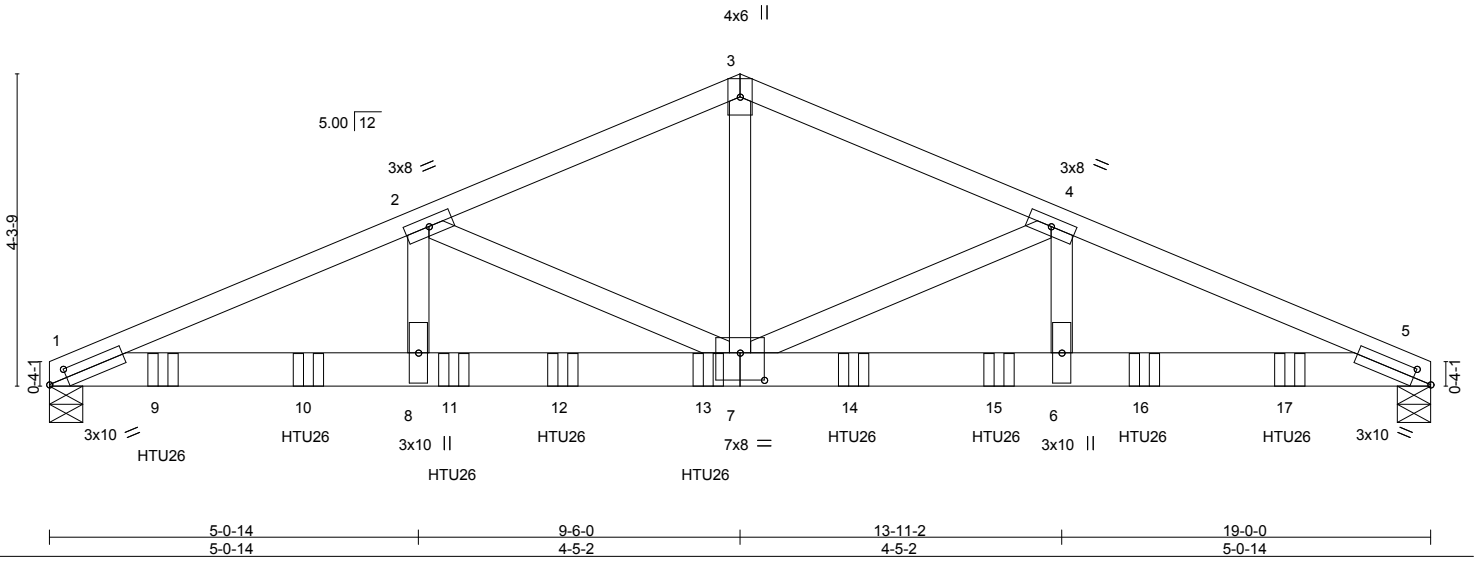


Plate Offsets (X,Y)-- [1:0-3-1,0-1-8], [5:0-3-1,0-1-8], [7:0-4-0,0-4-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.78	Vert(LL) -0.18	7-8	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.51	Vert(TL) -0.34	7-8	>651	180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.98	Horz(TL) 0.08	5	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 198 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-1-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(lb/size) 1=5193/0-5-8, 5=4837/0-5-8
 Max Horz 1=49(LC 27)
 Max Uplift 1=1375(LC 8), 5=1257(LC 9)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-10463/2794, 2-3=-7079/1914, 3-4=-7080/1914, 4-5=-10066/2620
 BOT CHORD 1-9=-2579/9592, 9-10=-2579/9592, 8-10=-2579/9592, 8-11=-2579/9592,
 11-12=-2579/9592, 12-13=-2579/9592, 7-13=-2579/9592, 7-14=-2371/9227,
 14-15=-2371/9227, 6-15=-2371/9227, 6-16=-2371/9227, 16-17=-2371/9227,
 5-17=-2371/9227
 WEBS 3-7=-1378/5155, 4-7=-3021/796, 4-6=-503/2249, 2-7=-3424/973, 2-8=-647/2575

NOTES-

- 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 0-8-0 oc.
 Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- 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.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1375 lb uplift at joint 1 and 1257 lb uplift at joint 5.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 1-6-12 from the left end to 17-0-12 to connect truss(es) to back face of bottom chord.
- Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T48	Truss Type Common Girder	Qty 1	Ply 2	T11146767
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:15 2017 Page 2
ID:6uMeWwmqVeEx7fGGjqSaDTzVmxC-YrY9qAkzEy08glvCB1Tu5Sm1ktlvwHPPW16gjPzFtvq

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-3=-54, 3-5=-54, 1-5=-10

Concentrated Loads (lb)

Vert: 9=-1018(B) 10=-1031(B) 11=-1023(B) 12=-936(B) 13=-972(B) 14=-940(B) 15=-992(B) 16=-975(B) 17=-954(B)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T50	Truss Type Hip Girder	Qty 1	Ply 1	Job Reference (optional) T11146768
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:16 2017 Page 1
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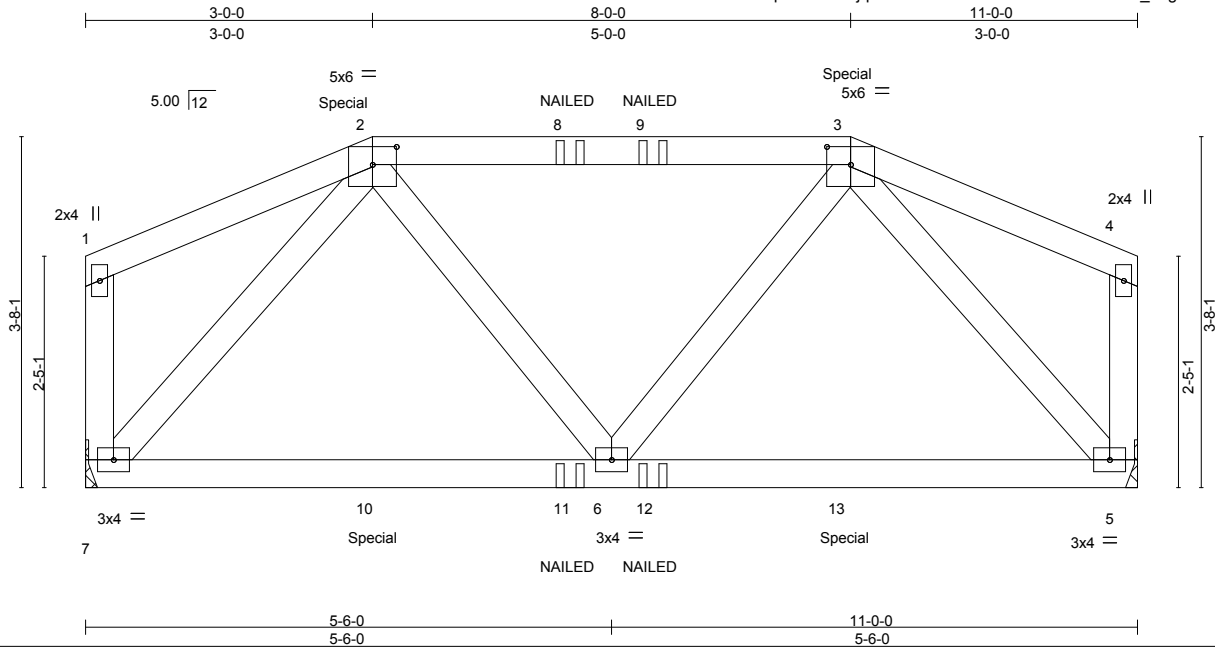


Plate Offsets (X,Y)-- [2:0-3-0,0-2-4], [3:0-3-0,0-2-4]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.32	Vert(LL)	0.03	6-7	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.27	Vert(TL)	-0.04	6-7	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.12	Horz(TL)	-0.01	5	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)					Weight: 64 lb	FT = 20%
	Code FBC2014/TP12007							

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 7=306/Mechanical, 5=306/Mechanical
Max Horz 7=15(LC 38)
Max Uplift 7=-345(LC 8), 5=-344(LC 9)

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

TOP CHORD 2-8=-217/350, 8-9=-217/350, 3-9=-217/350
BOT CHORD 7-10=-270/205, 10-11=-270/205, 6-11=-270/205, 6-12=-262/199, 12-13=-262/199,
5-13=-262/199
WEBS 2-7=-293/390, 3-5=-293/390

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 345 lb uplift at joint 7 and 344 lb uplift at joint 5.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 101 lb down and 177 lb up at 3-0-0, and 101 lb down and 177 lb up at 8-0-0 on top chord, and 42 lb down and 98 lb up at 3-0-1, and 42 lb down and 98 lb up at 7-11-3 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-3=-54, 3-4=-54, 5-7=-10
Concentrated Loads (lb)
Vert: 2=32(F) 3=32(F) 10=2(F) 11=2(F) 12=2(F) 13=2(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANS/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



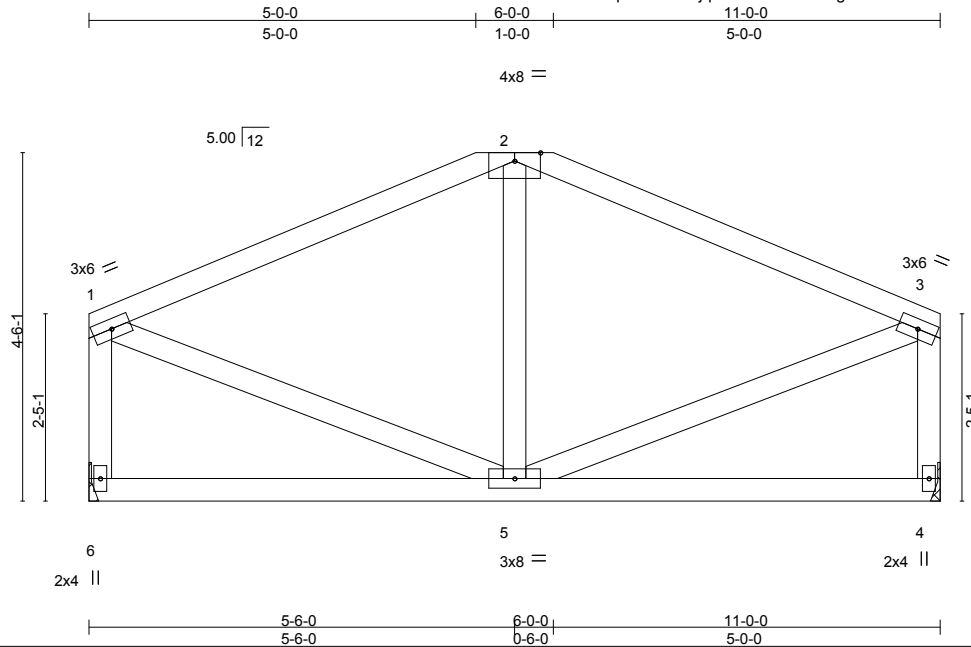
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T51	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional)	T11146769
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:17 2017 Page 1

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Scale = 1:29.8

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.33	Vert(LL)	-0.02	4-5	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.19	Vert(TL)	-0.03	4-5	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.08	Horz(TL)	0.00	4	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2014/TPI2007						Weight: 62 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 6=343/Mechanical, 4=343/Mechanical
 Max Horz 6=-28(LC 13)
 Max Uplift 6=-79(LC 12), 4=-79(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-308/229, 2-3=-308/229, 1-6=-318/262, 3-4=-318/262

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 79 lb uplift at joint 6 and 79 lb uplift at joint 4.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



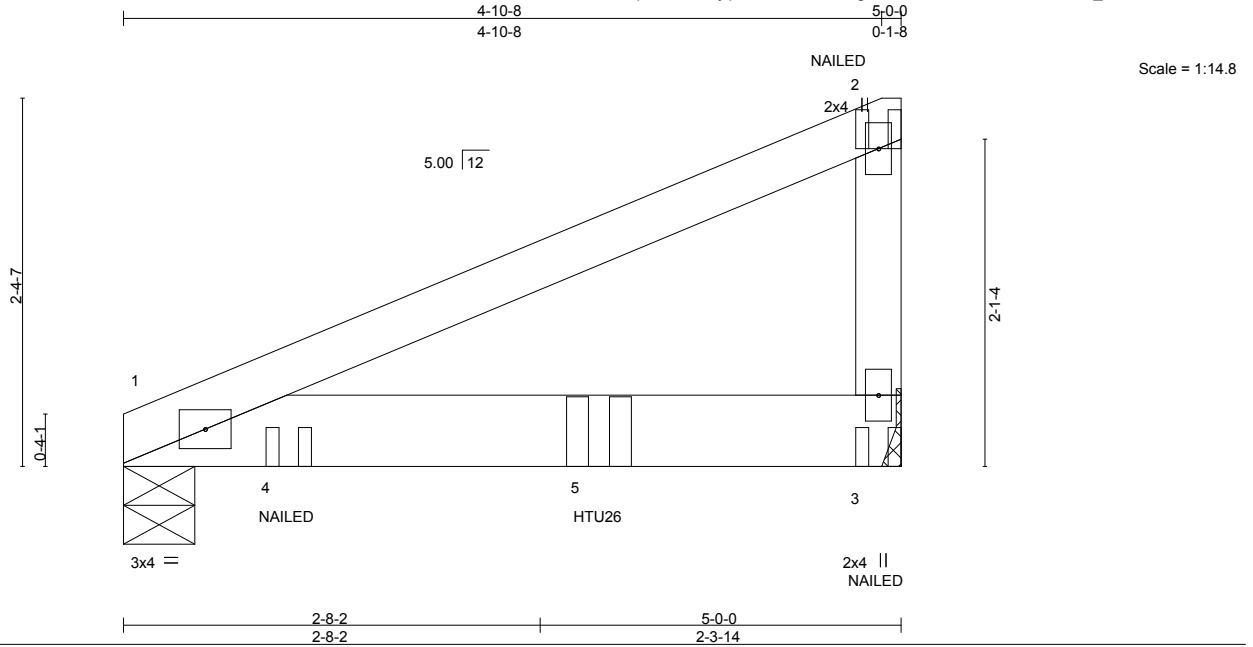
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T52	Truss Type Half Hip Girder	Qty 2	Ply 1	Job Reference (optional) T11146770
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Builders FirstSource, Jacksonville, FL 32244

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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.40	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.54	Vert(LL) -0.04 1-3 >999 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.00	Vert(TL) -0.07 1-3 >776 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.00 n/a n/a		
	Code FBC2014/TPI2007			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 5-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=520/0-5-8, 3=534/Mechanical
 Max Horz 1=67(LC 8)
 Max Uplift 1=350(LC 8), 3=-307(LC 8)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=18ft; 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 350 lb uplift at joint 1 and 307 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) Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss, Single Ply Girder) or equivalent at 3-0-11 from the left end to connect truss(es) to back face of bottom chord.
- 8) Fill all nail holes where hanger is in contact with lumber.
- 9) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- 10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54, 1-3=-10
 Concentrated Loads (lb)
 Vert: 2=-75(F) 3=-54(F) 4=-297(B) 5=-333(B)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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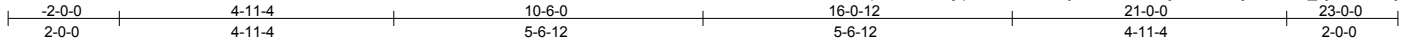
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T53	Truss Type Common Girder	Qty 1	Ply 1	Job Reference (optional)	T11146771
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Builders FirstSource, Jacksonville, FL 32244

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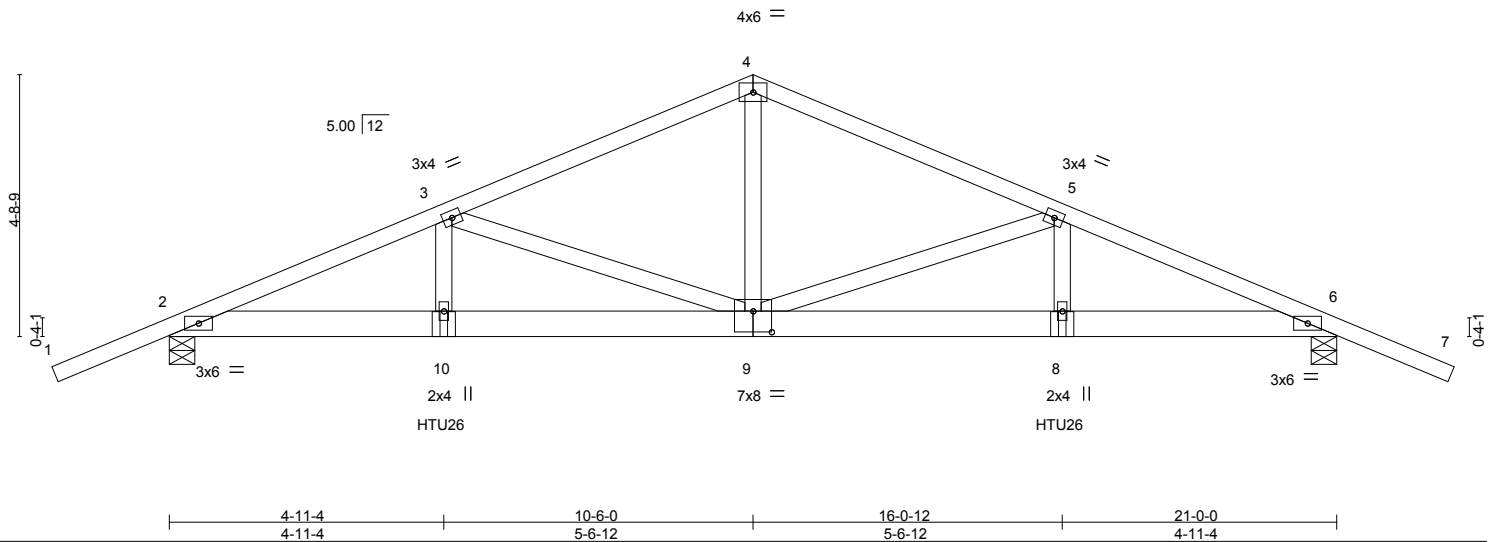


Plate Offsets (X,Y)-- [9:0-4-0-0-4-8]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.45	Vert(LL)	-0.11	9-10	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.55	Vert(TL)	-0.19	9-10	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.69	Horz(TL)	0.06	6	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)						
	Code FBC2014/TP12007						Weight: 117 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 3-6-12 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-4-14 oc bracing.

REACTIONS. (lb/size) 2=1304/0-5-8, 6=1304/0-5-8
 Max Horz 2=65(LC 8)
 Max Uplift 2=-520(LC 8), 6=-520(LC 9)

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

TOP CHORD 2-3=-2572/1061, 3-4=-1535/595, 4-5=-1535/595, 5-6=-2572/1062
 BOT CHORD 2-10=-977/2321, 9-10=-977/2321, 8-9=-913/2321, 6-8=-913/2321
 WEBS 4-9=-341/839, 5-9=-1044/551, 5-8=-247/511, 3-9=-1044/549, 3-10=-248/511

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 520 lb uplift at joint 2 and 520 lb uplift at joint 6.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 11-1-8 oc max. starting at 4-11-4 from the left end to 16-0-12 to connect truss(es) to front face of bottom chord.
- 8) Fill all nail holes where hanger is in contact with lumber.
- 9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54, 4-7=-54, 2-6=-10
 Concentrated Loads (lb)
 Vert: 8=-524(F) 10=-524(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



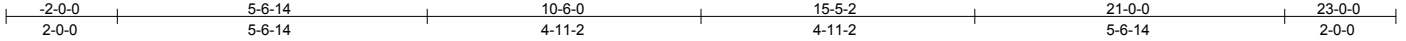
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T54	Truss Type Common	Qty 13	Ply 1	Job Reference (optional) T11146772
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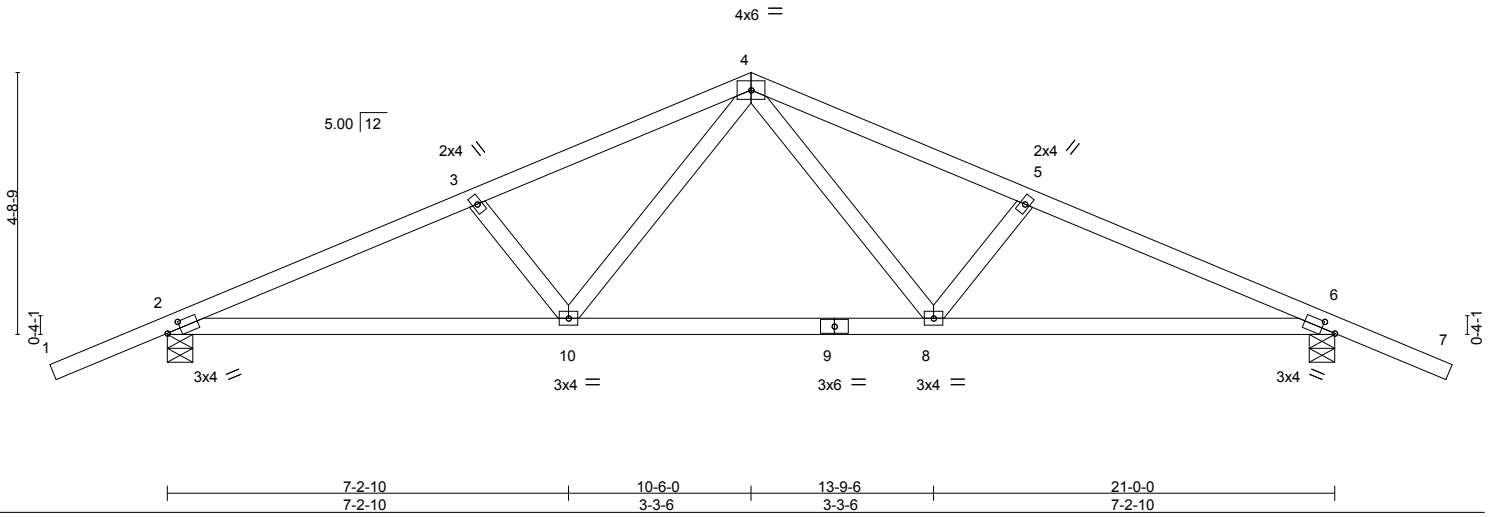


Plate Offsets (X,Y)-- [2:0-3-0,0-1-8], [6:0-3-0,0-1-8]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.42	Vert(LL)	-0.08	2-10	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.42	Vert(TL)	-0.15	2-10	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.13	Horz(TL)	0.04	6	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2014/TP12007						Weight: 95 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-1-2 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-9-13 oc bracing.

REACTIONS. (lb/size) 6=781/0-5-8, 2=781/0-5-8
 Max Horz 2=65(LC 12)
 Max Uplift 6=206(LC 13), 2=206(LC 12)

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

TOP CHORD 2-3=-1250/745, 3-4=-1077/699, 4-5=-1077/699, 5-6=-1250/745
 BOT CHORD 2-10=-540/1091, 9-10=-289/743, 8-9=-289/743, 6-8=-572/1091
 WEBS 4-8=-211/345, 5-8=-261/262, 4-10=-211/345, 3-10=-261/262

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 206 lb uplift at joint 6 and 206 lb uplift at joint 2.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

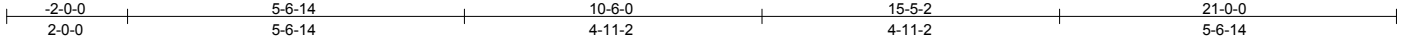


6904 Parke East Blvd.
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Job 1024906	Truss T55	Truss Type Common	Qty 1	Ply 1	Job Reference (optional) T11146773
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:19 2017 Page 1
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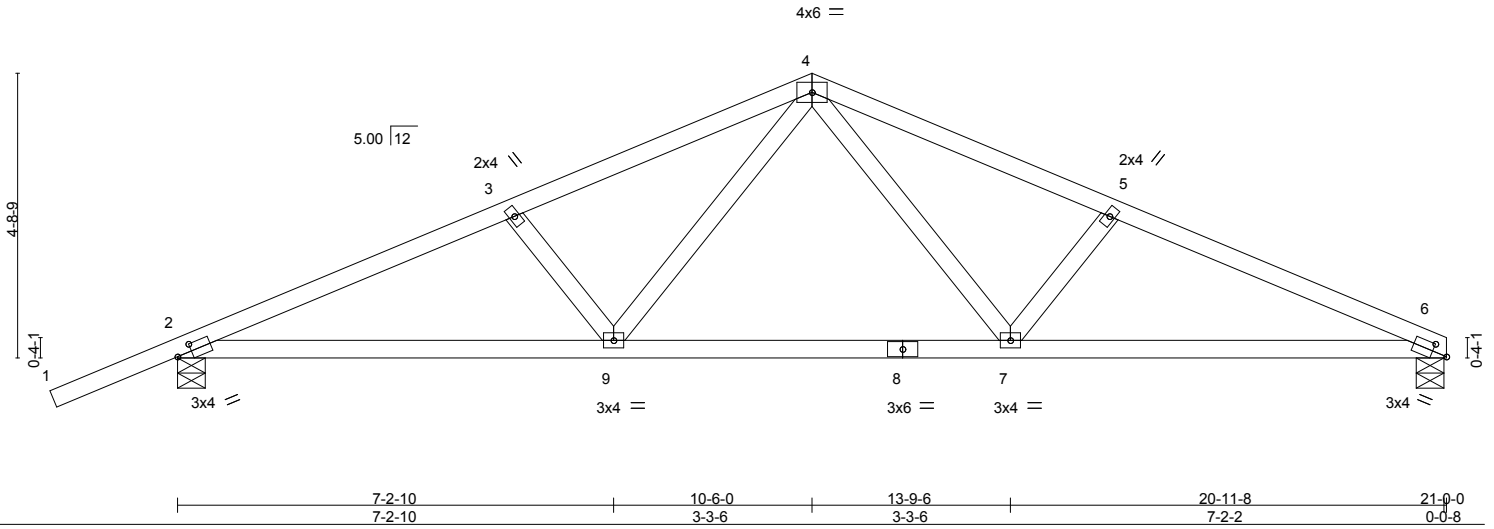


Plate Offsets (X,Y)-- [2:0-3-0,0-1-8], [6:0-3-0,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.43	Vert(LL) -0.08	6-7	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.45	Vert(TL) -0.16	6-7	>999	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.15	Horz(TL) 0.04	6	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 92 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-9-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-2-7 oc bracing.

REACTIONS. (lb/size) 6=650/0-5-8, 2=788/0-5-8
Max Horz 2=77(LC 12)
Max Uplift 6=161(LC 13), 2=-207(LC 12)

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

TOP CHORD 2-3=-1267/772, 3-4=-1094/726, 4-5=-1122/749, 5-6=-1290/800
BOT CHORD 2-9=-635/1106, 8-9=-353/759, 7-8=-353/759, 6-7=-669/1147
WEBS 4-7=-242/384, 5-7=-288/288, 4-9=-207/345, 3-9=-261/264

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 161 lb uplift at joint 6 and 207 lb uplift at joint 2.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



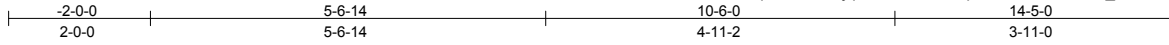
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T56	Truss Type Common	Qty 1	Ply 1	Job Reference (optional)	T11146774
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Builders FirstSource, Jacksonville, FL 32244

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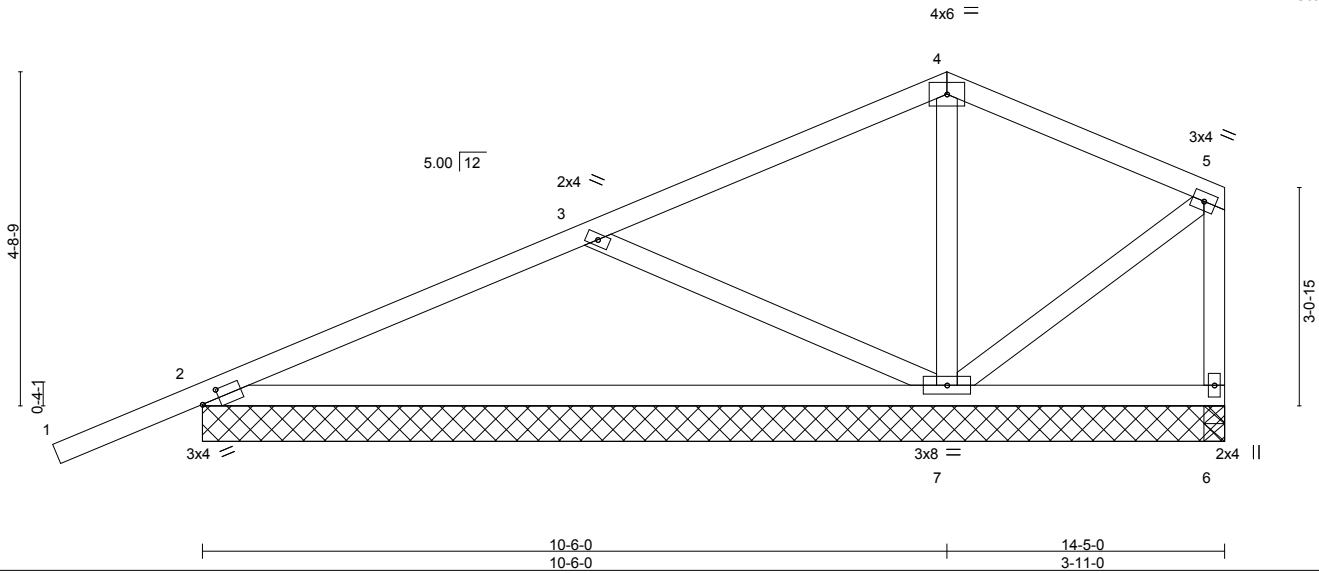


Plate Offsets (X,Y)-- [2:0-3-0-0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.33	Vert(LL) -0.31	2-7	>409	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.66	Vert(TL) -0.54	2-7	>233	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.24	Horz(TL) 0.00	6	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 73 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS.

(lb/size) 2=390/14-5-0, 6=-68/14-5-0, 6=-68/14-5-0, 7=702/14-5-0
 Max Horz 2=138(LC 12)
 Max Uplift 2=-109(LC 8), 6=-145(LC 23), 6=-68(LC 1), 7=-212(LC 12)
 Max Grav 2=390(LC 1), 6=50(LC 24), 7=702(LC 1)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-307/169
 WEBS 3-7=-404/411, 4-7=-337/287

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 109 lb uplift at joint 2, 145 lb uplift at joint 6 and 212 lb uplift at joint 7.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

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Job 1024906	Truss T57	Truss Type Common	Qty 4	Ply 1	Job Reference (optional) T11146775
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Builders FirstSource, Jacksonville, FL 32244

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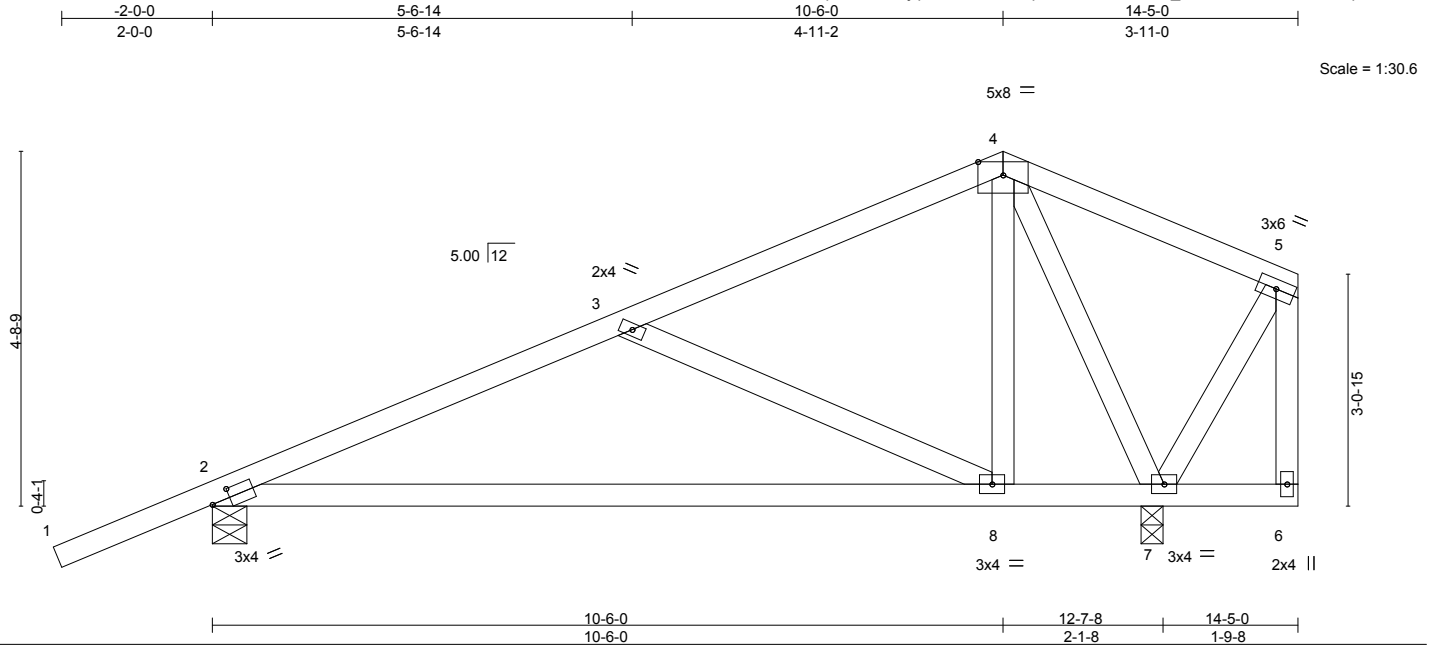


Plate Offsets (X,Y)-- [2:0-3-0,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.39	Vert(LL)	-0.27	2-8	>548	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.69	Vert(TL)	-0.48	2-8	>311		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.22	Horz(TL)	0.01	7	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)					Weight: 77 lb	FT = 20%
	Code FBC2014/TP12007							

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 2=521/0-5-8, 7=501/0-3-8
Max Horz 2=138(LC 12)
Max Uplift 2=147(LC 12), 7=122(LC 12)

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

TOP CHORD 2-3=-592/373
BOT CHORD 2-8=-429/493
WEBS 3-8=-368/385, 4-8=-75/415, 4-7=-489/262

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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" tall by 2'-0" wide will fit between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 147 lb uplift at joint 2 and 122 lb uplift at joint 7.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

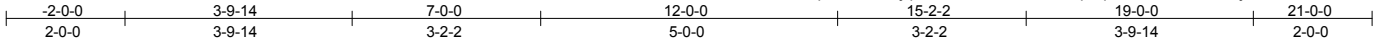


6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T58	Truss Type Hip Girder	Qty 1	Ply 1	Job Reference (optional) T11146776
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:21 2017 Page 1
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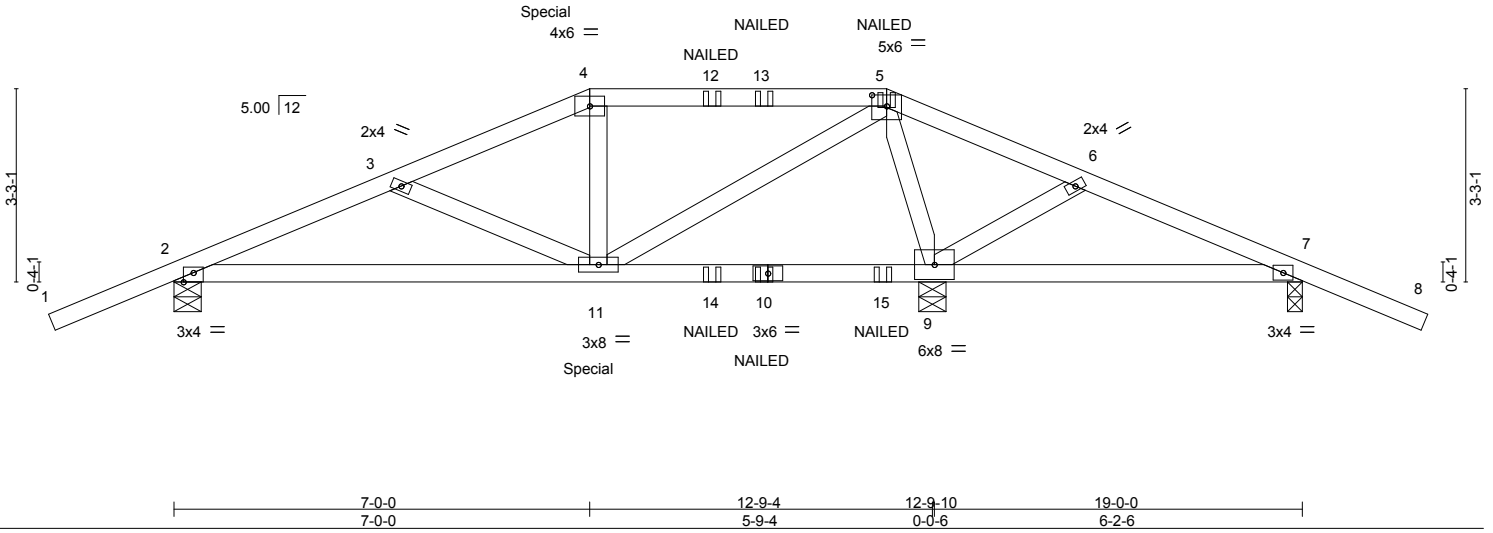


Plate Offsets (X,Y)-- [2:0-2-0,Edge], [5:0-3-0,0-2-4]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.86	Vert(LL)	0.19	9-11	>810	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.58	Vert(TL)	-0.16	9-11	>970		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.59	Horz(TL)	0.01	9	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)						
	Code FBC2014/TP12007						Weight: 91 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS.

(lb/size) 2=718/0-5-8, 9=1670/0-5-8, 7=152/0-3-0
Max Horz 2=-47(LC 9)
Max Uplift 2=-452(LC 4), 9=-1431(LC 4), 7=-218(LC 24)
Max Grav 2=727(LC 19), 9=1670(LC 1), 7=251(LC 17)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1139/913, 3-4=-991/911, 4-12=-891/864, 12-13=-891/864, 5-13=-891/864,
5-6=-248/411, 6-7=-269/309
BOT CHORD 2-11=-814/988, 7-9=-282/264
WEBS 5-11=-942/1043, 5-9=-1204/980

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 452 lb uplift at joint 2, 1431 lb uplift at joint 9 and 218 lb uplift at joint 7.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails. For more details refer to MiTek's ST-TOENAIL Detail.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 256 lb down and 311 lb up at 7-0-0 on top chord, and 223 lb down and 257 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-5=-54, 5-8=-54, 2-7=-10
Concentrated Loads (lb)
Vert: 4=-209(B) 5=-111(B) 10=-24(B) 11=-153(B) 12=-111(B) 13=-111(B) 14=-24(B) 15=-363(B)=-24

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANS/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



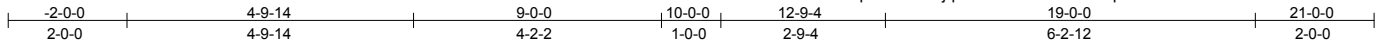
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T59	Truss Type Hip	Qty 1	Ply 1	Job Reference (optional) T11146777
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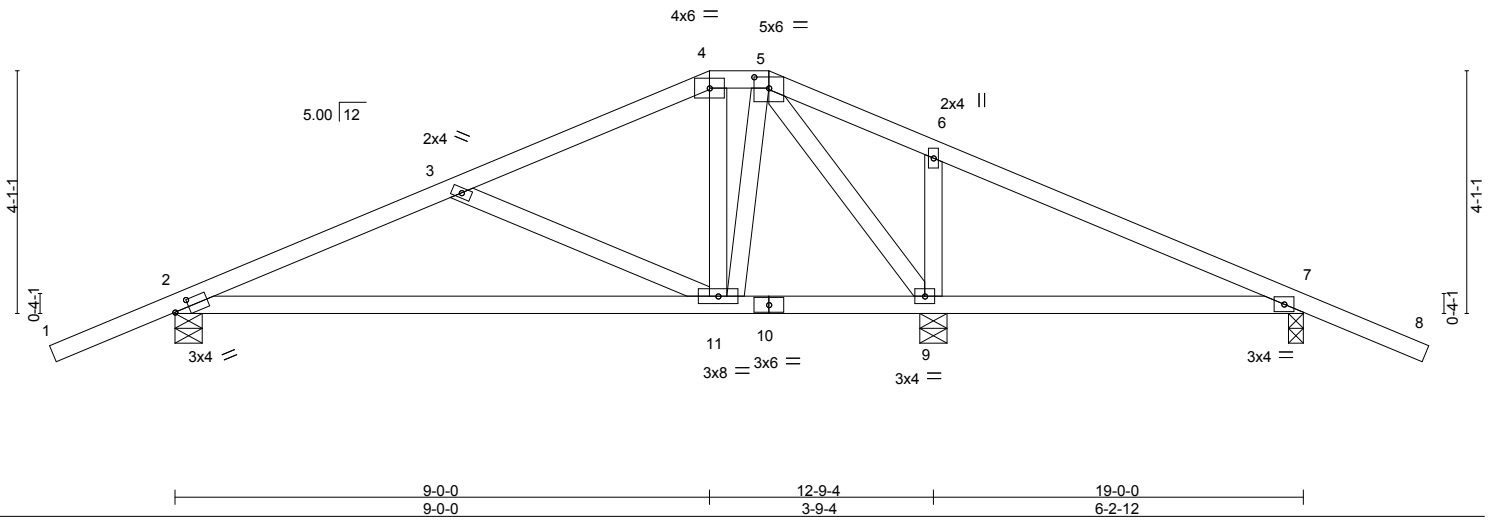


Plate Offsets (X,Y)-- [2:0-3-0,0-1-8], [5:0-3-0,0-2-4]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.38	Vert(LL) 0.10	7-9	>768	240	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.50	Vert(TL) -0.30	2-11	>496	180		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.18	Horz(TL) 0.01	9	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)					Weight: 93 lb	FT = 20%
	Code FBC2014/TP12007							

LUMBER-

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

BRACING-

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

REACTIONS.

(lb/size) 2=496/0-5-8, 9=686/0-5-8, 7=252/0-3-0
 Max Horz 2=57(LC 12)
 Max Uplift 2=144(LC 12), 9=199(LC 8), 7=168(LC 9)
 Max Grav 2=496(LC 1), 9=686(LC 1), 7=284(LC 24)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-559/342, 3-4=-259/150
 BOT CHORD 2-11=-179/465
 WEBS 3-11=-297/300, 5-11=-123/292, 5-9=-417/93, 6-9=-299/327

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch 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 144 lb uplift at joint 2, 199 lb uplift at joint 9 and 168 lb uplift at joint 7.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



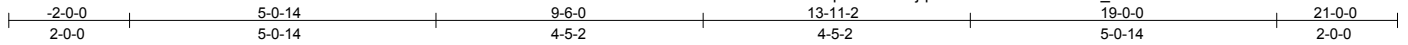
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T60	Truss Type Common	Qty 1	Ply 1	Job Reference (optional) T11146778
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:23 2017 Page 1

ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-JO1AWvr_LQ0?dXWkfcimQ86V?64ao4JaLH25?xzFtvY



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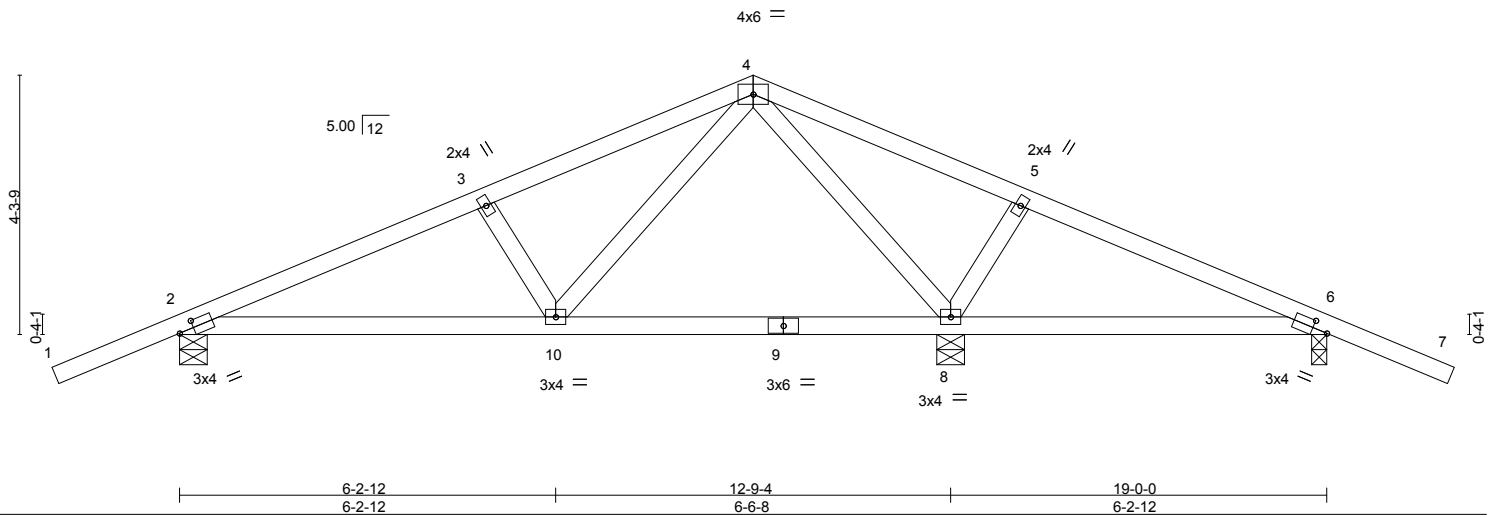


Plate Offsets (X,Y)-- [2:0-3-0,0-1-8], [6:0-3-0,0-1-8]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.38	Vert(LL)	0.09	6-8	>779	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.33	Vert(TL)	0.08	6-8	>895		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.28	Horz(TL)	0.01	8	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2014/TP12007						Weight: 87 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS.

(lb/size) 2=495/0-5-8, 8=690/0-5-8, 6=249/0-3-0
 Max Horz 2=-60(LC 13)
 Max Uplift 2=-147(LC 12), 8=-183(LC 8), 6=-174(LC 9)
 Max Grav 2=495(LC 1), 8=690(LC 1), 6=282(LC 24)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-567/320, 3-4=-435/305
 BOT CHORD 2-10=-157/469
 WEBS 4-10=-175/337, 4-8=-522/261, 5-8=-254/277

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 147 lb uplift at joint 2, 183 lb uplift at joint 8 and 174 lb uplift at joint 6.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



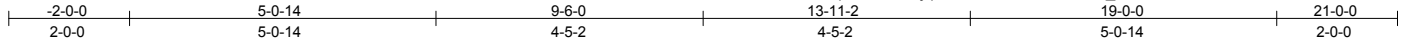
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T61	Truss Type Common	Qty 4	Ply 1	Job Reference (optional) T11146779
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:23 2017 Page 1

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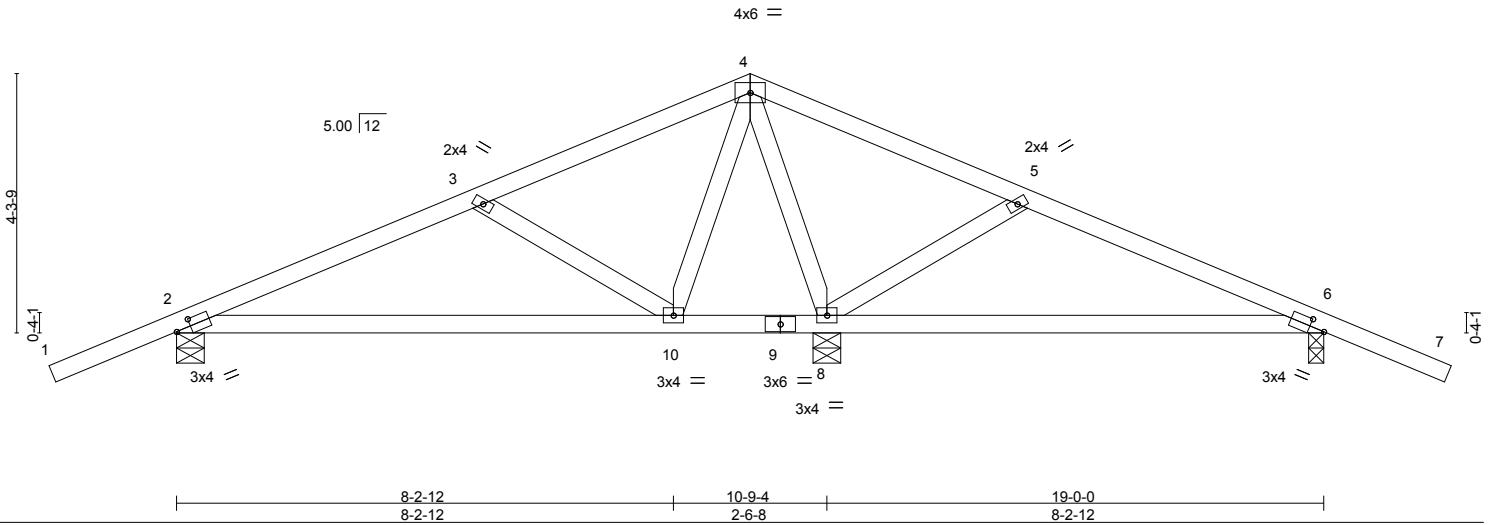


Plate Offsets (X,Y)-- [2:0-3-0,0-1-8], [6:0-3-0,0-1-8]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.38	Vert(LL) 0.23	6-8	>418	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.55	Vert(TL) 0.18	6-8	>536	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.20	Horz(TL) 0.00	8	n/a	n/a		
BCDL 5.0	Code FBC2014/TP12007	(Matrix)					Weight: 88 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS.

(lb/size) 2=403/0-5-8, 8=731/0-5-8, 6=300/0-3-0
 Max Horz 2=-60(LC 17)
 Max Uplift 2=-124(LC 12), 8=-228(LC 8), 6=-194(LC 9)
 Max Grav 2=420(LC 23), 8=731(LC 1), 6=333(LC 24)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-373/164, 4-5=-63/276
 BOT CHORD 2-10=-96/294
 WEBS 3-10=-292/294, 4-8=-534/183, 5-8=-308/349

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 124 lb uplift at joint 2, 228 lb uplift at joint 8 and 194 lb uplift at joint 6.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



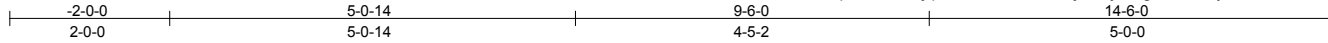
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss T62	Truss Type Common	Qty 1	Ply 1	Job Reference (optional)	T11146780
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Builders FirstSource, Jacksonville, FL 32244

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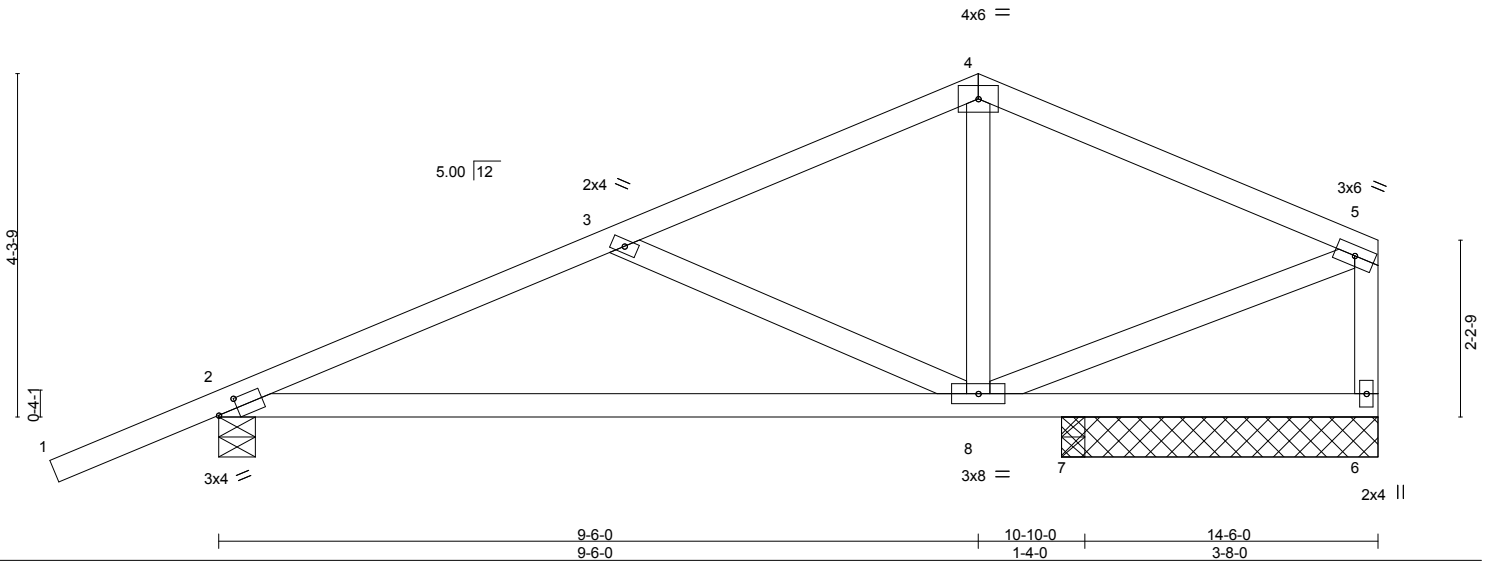


Plate Offsets (X,Y)-- [2:0-3-0-0-1-8]

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.39	Vert(LL)	-0.19	2-8	>677	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.58	Vert(TL)	-0.33	2-8	>375		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.15	Horz(TL)	0.01	6	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2014/TP12007						Weight: 71 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 2=573/0-5-8, 6=407/3-11-8, 7=47/0-3-8
 Max Horz 2=114(LC 12)
 Max Uplift 2=151(LC 12), 6=69(LC 13), 7=58(LC 3)

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

TOP CHORD 2-3=-734/452, 3-4=-428/247, 4-5=-427/241, 5-6=-404/258
 BOT CHORD 2-8=-456/624
 WEBS 3-8=-317/326, 5-8=-144/352

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 151 lb uplift at joint 2, 69 lb uplift at joint 6 and 58 lb uplift at joint 7.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



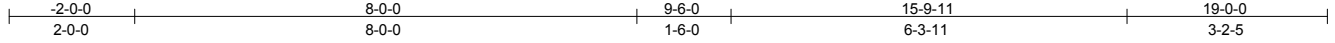
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss T63	Truss Type Roof Special	Qty 4	Ply 1	Job Reference (optional) T11146781
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Builders FirstSource, Jacksonville, FL 32244

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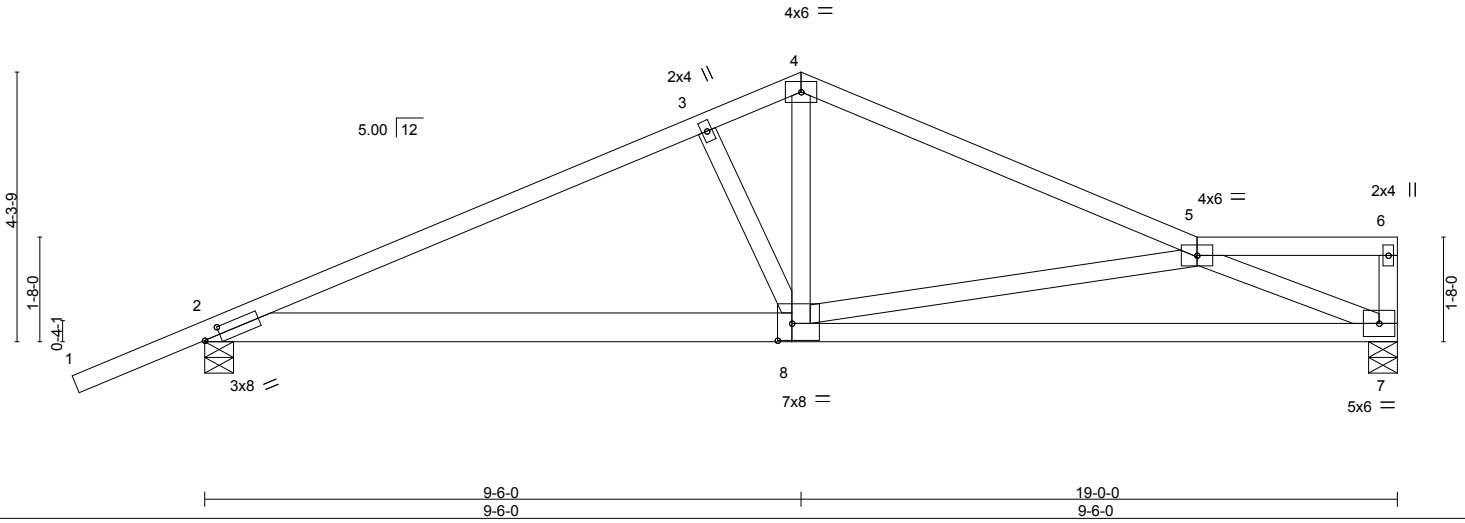


Plate Offsets (X,Y)-- [2:0-3-1,0-1-8], [8:0-2-12,0-3-4]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.70	Vert(LL)	0.25	2-8	>910	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.42	Vert(TL)	-0.38	2-8	>592		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.45	Horz(TL)	0.03	7	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)						
	Code FBC2014/TP12007						Weight: 96 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
 BOT CHORD 2x6 SP M 26 *Except*
 7-8: 2x4 SP M 31
 WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-7-7 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 7-8-4 oc bracing.

REACTIONS.

(lb/size) 7=756/0-5-8, 2=1244/0-5-8
 Max Horz 2=101(LC 12)
 Max Uplift 7=-199(LC 13), 2=-348(LC 12)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1526/902, 3-4=-1360/902, 4-5=-1332/793
 BOT CHORD 2-8=-804/1337, 7-8=-999/1531
 WEBS 3-8=-389/325, 5-8=-377/354, 5-7=-1666/1124, 4-8=-548/877

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 199 lb uplift at joint 7 and 348 lb uplift at joint 2.
- Load case(s) 27 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard Except:

- Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54, 4-5=-54, 5-6=-54, 2-8=-85, 7-8=-10
- User defined: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54(F), 4-5=-54(F), 5-6=-54(F), 2-8=-85(F=-10), 7-8=-10(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component**



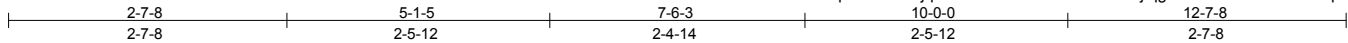
6904 Parke East Blvd.
 Tampa, FL 36610

Job 1024906	Truss TFG01	Truss Type Flat Girder	Qty 1	Ply 2	Job Reference (optional) T11146782
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:25 2017 Page 1

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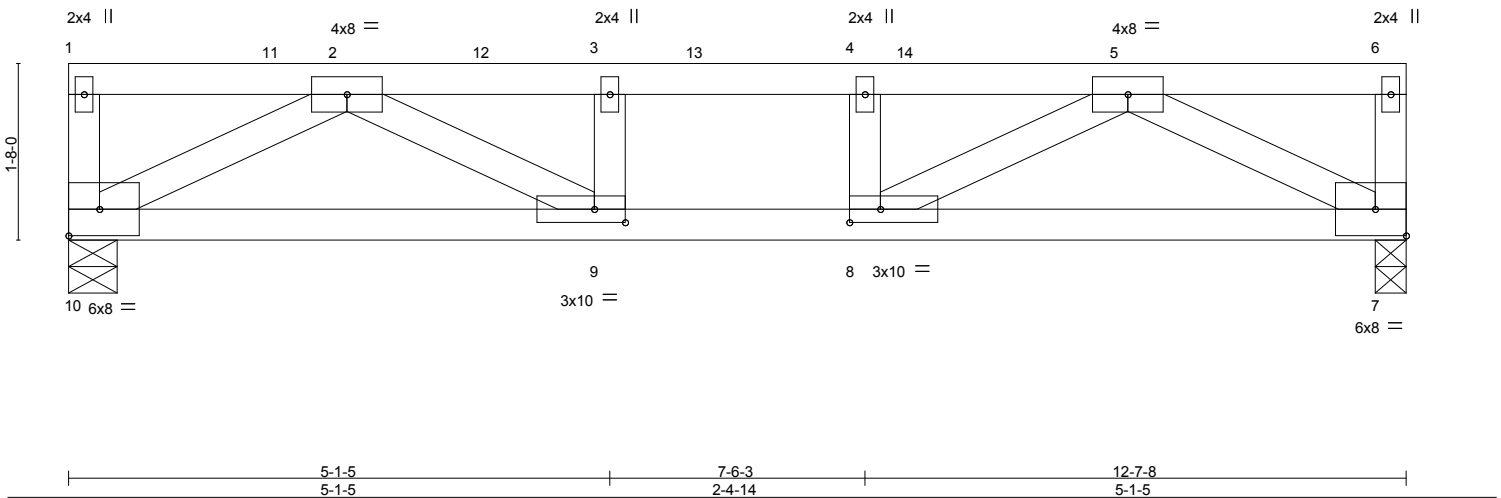


Plate Offsets (X,Y)-- [8:0-3-8,0-1-8], [9:0-3-8,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.61	Vert(LL)	-0.14	9-10	>999	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.70	Vert(TL)	-0.23	9-10	>657		
BCLL 0.0 *	Lumber DOL 1.00	WB 0.60	Horz(TL)	0.04	7	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)						
	Code FBC2014/TP12007						Weight: 119 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP M 31
 BOT CHORD 2x4 SP M 31
 WEBS 2x4 SP No.3 *Except*
 2-10,2-9,5-8,5-7: 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-0-6 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 9-11-12 oc bracing.

REACTIONS. (lb/size) 10=3151/0-5-8, 7=2165/0-3-8
 Max Uplift 10=-558(LC 8), 7=-383(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-12=-7332/2851, 3-12=-7332/2851, 3-13=-7332/2851, 4-13=-7332/2851,
 4-14=-7332/2851, 5-14=-7332/2851
 BOT CHORD 9-10=-2041/5191, 8-9=-2851/7332, 7-8=-1434/3632
 WEBS 2-10=-5772/2277, 2-9=-926/2448, 3-9=-1537/624, 4-8=-1691/684, 5-8=-1621/4229,
 5-7=-4103/1626

NOTES-

- 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: 2x4 - 1 row at 0-9-0 oc.
 Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- 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.
- Wind: ASCE 7-10; VuIt=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; 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
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 558 lb uplift at joint 10 and 383 lb uplift at joint 7.
- Load case(s) 23, 24 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 237 lb down and 92 lb up at 2-0-0, 1309 lb down and 511 lb up at 4-0-0, and 1140 lb down and 445 lb up at 6-0-0, and 299 lb down and 117 lb up at 8-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard Except:

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss TFG01	Truss Type Flat Girder	Qty 1	Ply 2	Job Reference (optional) T11146782
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:26 2017 Page 2
ID:6uMeWvmqVeEx7fGGjqSaDTzVmxC-jziJ8wtteL.OaU_FJKq9T2nkydJ1d?M801FHmcGzFtv

LOAD CASE(S) Standard Except:

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

Uniform Loads (plf)

Vert: 1-14=-224, 6-14=-100, 7-10=-10

Concentrated Loads (lb)

Vert: 11=-237 12=-1309 13=-1140 14=-299

23) User defined: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 1-14=-224(F=-100), 6-14=-100(F), 7-10=-10(F)

Concentrated Loads (lb)

Vert: 11=-237 12=-1309 13=-1140 14=-299

24) User defined: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 1-14=-224(F=-100), 6-14=-100(F), 7-10=-10(F)

Concentrated Loads (lb)

Vert: 11=-237 12=-1309 13=-1140 14=-299

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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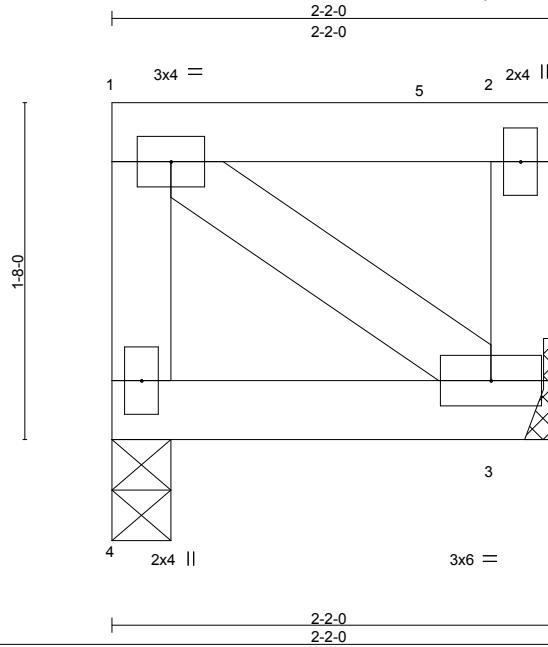
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss TFG02	Truss Type Flat Girder	Qty 1	Ply 2	T11146783
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Builders FirstSource, Jacksonville, FL 32244

Job Reference (optional)

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:26 2017 Page 1
ID:6uMeWwmqVeEx7fGGjqSaDTzVmxC-jziJ8wttelOaU_FJKq9T2nkz8JBF?VS01FHmcGzFtvV



Scale = 1:11.4

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.52	Vert(LL) -0.00 4	>999	240	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.02	Vert(TL) -0.00 4	>999	180		
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)				Weight: 25 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 4=413/0-3-8, 3=1051/Mechanical
Max Uplift 4=-73(LC 4), 3=-186(LC 4)

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

TOP CHORD 1-4=-403/79, 2-3=-1042/192

NOTES-

- 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: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- 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.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 73 lb uplift at joint 4 and 186 lb uplift at joint 3.
- Load case(s) 19, 20 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1025 lb down and 181 lb up at 1-8-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard Except:

- Dead + Roof Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=-224, 3-4=-10
Concentrated Loads (lb)
Vert: 5=-1025
- User defined: Lumber Increase=1.00, Plate Increase=1.00

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSIT/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



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Job 1024906	Truss TFG02	Truss Type Flat Girder	Qty 1	Ply 2	Job Reference (optional) T11146783
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Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:26 2017 Page 2
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LOAD CASE(S)

Uniform Loads (plf)

Vert: 1-2=-224(F=-100), 3-4=-10(F)

Concentrated Loads (lb)

Vert: 5=-1025

20) User defined: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 1-2=-224(F=-100), 3-4=-10(F)

Concentrated Loads (lb)

Vert: 5=-1025

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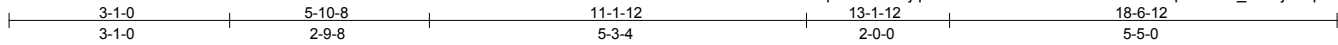
6904 Parke East Blvd.
Tampa, FL 36610

Job 1024906	Truss TFG03	Truss Type Flat Girder	Qty 1	Ply 2	Job Reference (optional) T11146784
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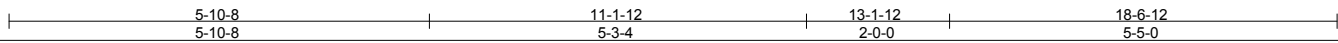
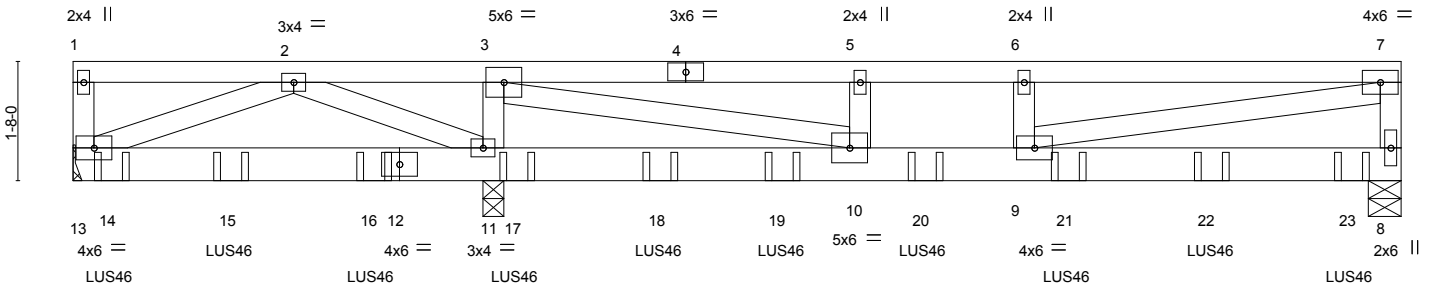
Builders FirstSource, Jacksonville, FL 32244

7.640 s Apr 19 2016 MiTek Industries, Inc. Tue May 16 16:31:27 2017 Page 1

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Scale: 3/8"=1'



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.41	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.31	Vert(LL) -0.06 9 >999 240		
BCLL 0.0 *	Lumber DOL 1.00	WB 0.62	Vert(TL) -0.11 9 >999 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) -0.00 11 n/a n/a		
	Code FBC2014/TPI2007			Weight: 202 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) 13=176/Mechanical, 8=730/0-5-8, 11=1520/0-3-8
 Max Uplift 13=-23(LC 4), 8=-107(LC 4), 11=-225(LC 4)
 Max Grav 13=252(LC 2), 8=937(LC 2), 11=1924(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-101/753, 3-4=-1788/213, 4-5=-1788/213, 5-6=-1788/213, 6-7=-1788/213, 7-8=-616/110
 BOT CHORD 11-17=-753/101, 17-18=-753/101, 18-19=-753/101, 10-19=-753/101, 10-20=-213/1788, 9-20=-213/1788
 WEBS 2-13=0/296, 2-11=-633/124, 3-11=-1043/201, 3-10=-324/2621, 5-10=-362/90, 6-9=-353/96, 7-9=-186/1614

- NOTES-**
- 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.
 - 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.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - na

- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint 13, 107 lb uplift at joint 8 and 225 lb uplift at joint 11.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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Job 1024906	Truss TFG03	Truss Type Flat Girder	Qty 1	Ply 2	T11146784
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- NOTES-**
- 11) Use Simpson Strong-Tie LUS46 (4-10d Girder, 4-10d Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 0-6-8 from the left end to 17-10-8 to connect truss(es) to back face of bottom chord.
 - 12) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-7=-100, 8-13=-10

Concentrated Loads (lb)

Vert: 14=-45(B) 15=-42(B) 16=-42(B) 17=-42(B) 18=-40(B) 19=-40(B) 20=-40(B) 21=-40(B) 22=-40(B) 23=-44(B)

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ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

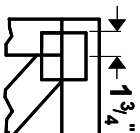
Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



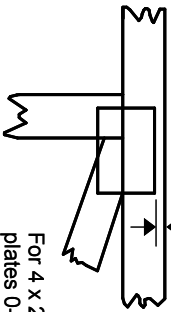
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Symbols

PLATE LOCATION AND ORIENTATION



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



For 4 x 2 orientation, locate plates 0- $\frac{1}{16}$ " from outside edge of truss.



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

* Plate location details available in **MITek 2020 software** or upon request.

PLATE SIZE

4 X 4

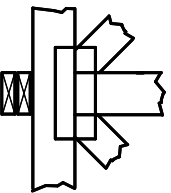
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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



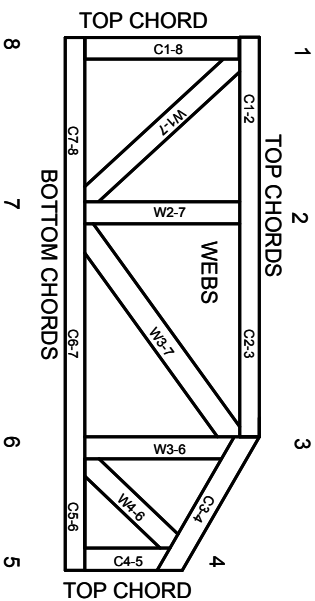
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TP11: 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

6-4-8 dimensions shown in ft.-in.-sixteenths (Drawings not to scale)



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/TP1 section 6.3. These truss designs rely on lumber values established by others.

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MITek Engineering Reference Sheet: Mill-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/TP1 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TP1 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/TP1 1 Quality Criteria.