

Julius Lee

RE: 410547 -

**1109 Coastal Bay Blvd.
Boynton Beach, FL 33435**

Site Information:

Project Customer: Dreambuilder Custom Homes Project Name: 410547 Model: Custom
Lot/Block: 1 Subdivision: Avalon
Address:
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: FBC2010/TPI2007 Design Program: MiTek 20/20 7.3
Wind Code: ASCE 7-10 Wind Speed: 130 mph Floor Load: 55.0 psf
Roof Load: 32.0 psf

This package includes 31 individual, dated Truss Design Drawings and 0 Additional Drawings. With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules. This document processed per section 16G15-23.003 of the Florida Board of Professionals Rules

In the event of changes from Builder or E.O.R. additional coversheets and drawings may accompany this coversheet. The latest approval dates supersede and replace the previous drawings.

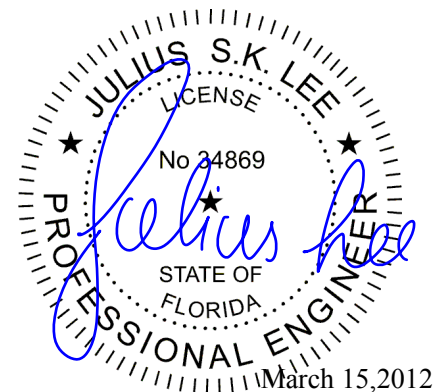
No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	I5336178	F01	3/15/012	18	I5336195	F20	3/15/012
2	I5336179	F02	3/15/012	19	I5336196	F21	3/15/012
3	I5336180	F03	3/15/012	20	I5336197	F22	3/15/012
4	I5336181	F04	3/15/012	21	I5336198	F22A	3/15/012
5	I5336182	F05	3/15/012	22	I5336199	F23	3/15/012
6	I5336183	F06	3/15/012	23	I5336200	FKW	3/15/012
7	I5336184	F07	3/15/012	24	I5336201	T22	3/15/012
8	I5336185	F08	3/15/012	25	I5336202	T23G	3/15/012
9	I5336186	F09	3/15/012	26	I5336203	T24	3/15/012
10	I5336187	F10	3/15/012	27	I5336204	T25	3/15/012
11	I5336188	F11	3/15/012	28	I5336205	T26	3/15/012
12	I5336189	F12	3/15/012	29	I5336206	T27	3/15/012
13	I5336190	F14	3/15/012	30	I5336207	T28	3/15/012
14	I5336191	F16	3/15/012	31	I5336208	TG01	3/15/012
15	I5336192	F17	3/15/012				
16	I5336193	F19	3/15/012				
17	I5336194	F19A	3/15/012				

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

Truss Design Engineer's Name: Julius Lee

My license renewal date for the state of Florida is February 28, 2013.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Chapter 2.



Job 410547	Truss F01	Truss Type FLOOR	Qty 1	Ply 1	5336178
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Builders FirstSource, Jacksonville, FL 32244 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:11 2012 Page 1
 ID:ZJnLyLT2_d_WB?NgG68hKzaz58-nxLJ4Qlx9O8wj4kZ7_1Qim4Q2VYlpNoZxwl?Fizag86

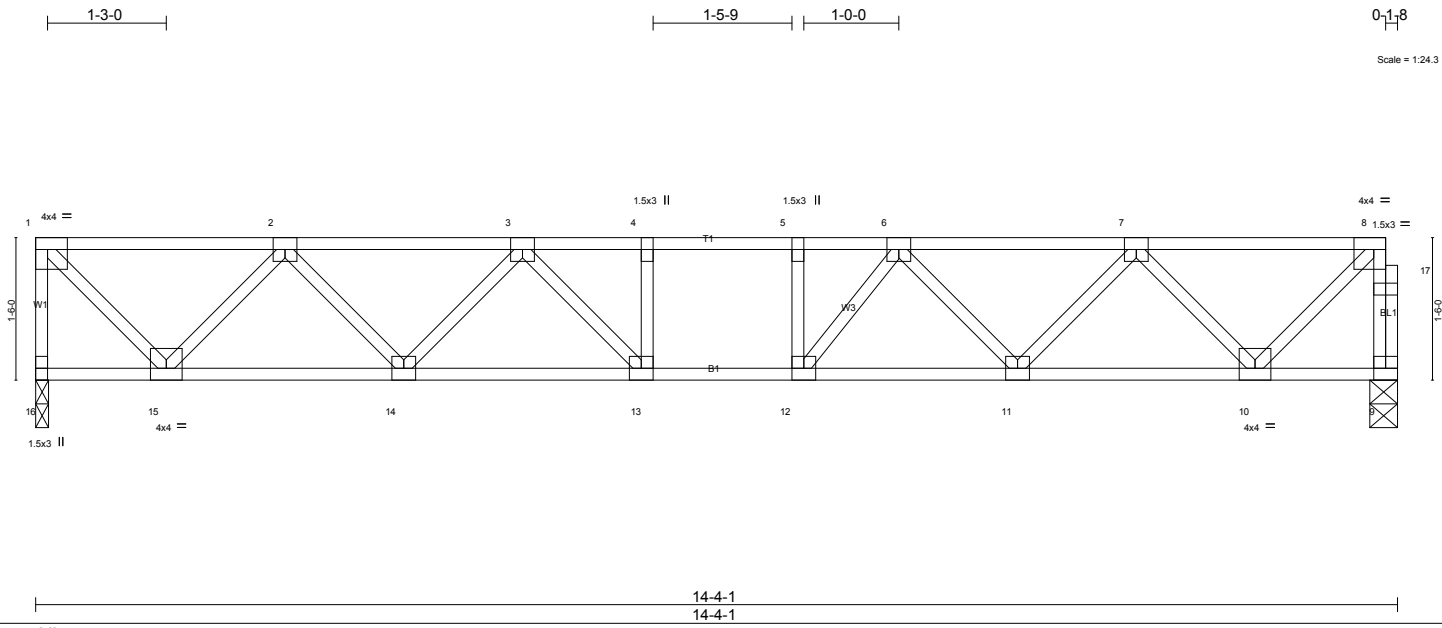


Plate Offsets (X,Y): [1:Edge,0-1-8], [8:0-1-8,Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.46	Vert(LL) -0.09 13-14 >999 360	MT20 244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.65	Vert(TL) -0.14 13-14 >999 240	
BCLL 0.0	Rep Stress Incr YES	WB 0.47	Horz(TL) 0.03 9 n/a n/a	
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)		Weight: 78 lb FT = 11%F, 11%E

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

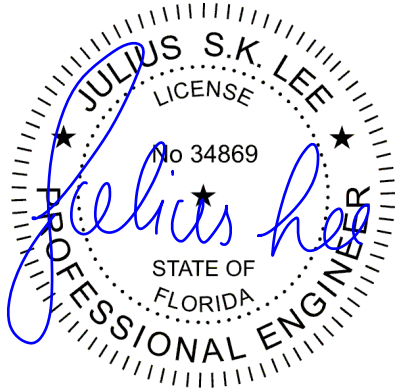
BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 16=778/0-1-10 (min. 0-1-8), 9=772/0-3-8 (min. 0-1-8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-16=-772/0, 9-17=-767/0, 8-17=-767/0, 1-2=-640/0, 2-3=-1558/0, 3-4=-1983/0, 4-5=-1983/0, 5-6=-1983/0, 6-7=-1571/0, 7-8=-670/0
 BOT CHORD 14-15=0/1234, 13-14=0/1855, 12-13=0/1983, 11-12=0/1866, 10-11=0/1256
 WEBS 1-15=0/927, 2-15=-882/0, 2-14=0/482, 3-14=-442/0, 3-13=-49/390, 8-10=0/920, 7-10=-871/0, 7-11=0/469, 6-11=-438/0, 6-12=-56/404

- NOTES** (9-11)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All plates are 3x3 MT20 unless otherwise indicated.
 - 4) Bearings are assumed to be: Joint 9 SYP No.2 .
 - 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 16.
 - 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.
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 10) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



March 15, 2012

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.</p>	<p>Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435</p>
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Job 410547	Truss F02	Truss Type FLOOR	Qty 1	Ply 1	5336179
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Builders FirstSource, Jacksonville, FL 32244
 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:11 2012 Page 1
 ID:ZJnLylLT2_d_WB?NgG68hKzaz58-nxJ4Qix9O8wj4kZ7_1Qim4PFVYTpNYZxwl?Fizag86

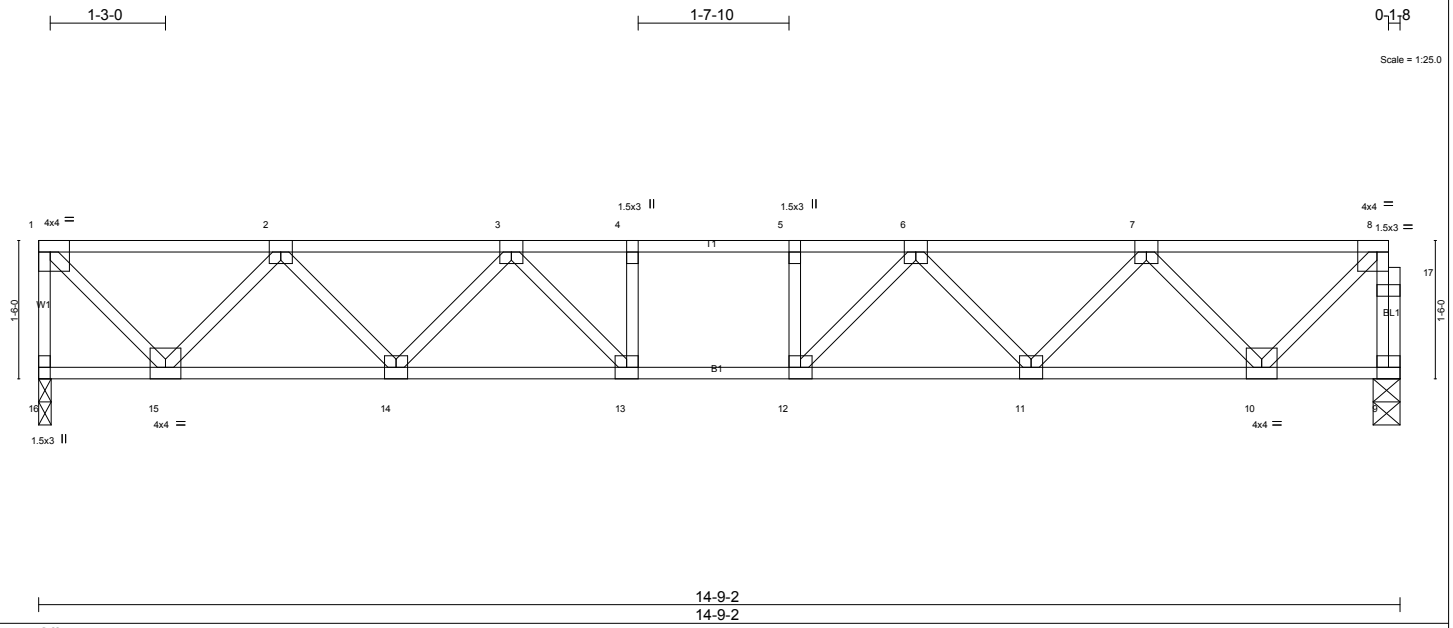
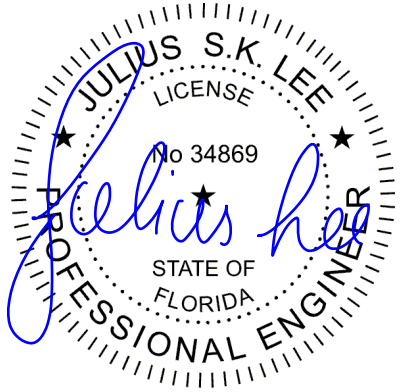


Plate Offsets (X,Y): [1:Edge,0-1-8], [8:0-1-8,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.51	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.70	Vert(LL) -0.11 11-12 >999 360	Weight: 79 lb FT = 11%F, 11%E	
BCLL 0.0	Lumber Increase 1.00	WB 0.49	Vert(TL) -0.16 11-12 >999 240		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.04 9 n/a n/a		
	Code FBC2010/TPI2007				

LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS (lb/size)	16=801/0-1-10 (min. 0-1-8), 9=795/0-3-8 (min. 0-1-8)
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	1-16=-796/0, 9-17=-790/0, 8-17=-789/0, 1-2=-663/0, 2-3=-1621/0, 3-4=-2103/0, 4-5=-2103/0, 5-6=-2103/0, 6-7=-1639/0, 7-8=-693/0
BOT CHORD	14-15=0/1277, 13-14=0/1941, 12-13=0/2103, 11-12=0/1952, 10-11=0/1300
WEBS	1-15=0/960, 2-15=913/0, 2-14=0/512, 3-14=-476/0, 3-13=-25/443, 8-10=0/951, 7-10=-903/0, 7-11=0/503, 6-11=-465/0, 6-12=-35/433

- NOTES** (9-11)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All plates are 3x3 MT20 unless otherwise indicated.
 - 4) Bearings are assumed to be: Joint 9 SYP No.2.
 - 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 16.
 - 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.
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 10) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435



LOAD CASE(S) Standard

March 15, 2012

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.</p>	<p>Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435</p>
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Job 410547	Truss F03	Truss Type FLOOR	Qty 1	Ply 1	5336180
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Builders FirstSource, Jacksonville, FL 32244

7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:12 2012 Page 1

ID:ZJnLylLT2_d_WB?NgG68hKzaz58-F7JilmmZwiGnLDJmhiYfe_dbPvuGYq?jAaVZnCzag85

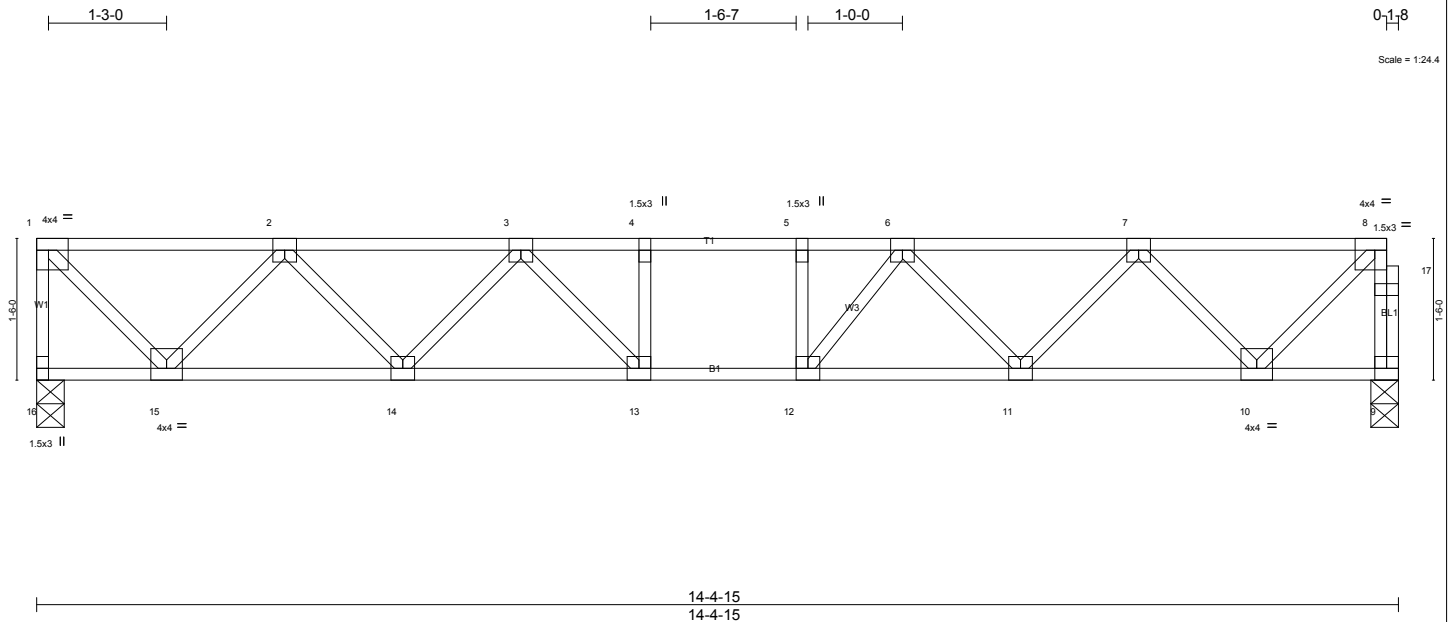


Plate Offsets (X,Y): [1:Edge,0-1-8], [18:0-1-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.49	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.66	Vert(LL) -0.10 13-14 >999 360		
BCLL 0.0	Lumber Increase 1.00	WB 0.47	Vert(TL) -0.15 13-14 >999 240		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.03 9 n/a n/a		
	Code FBC2010/TPI2007			Weight: 78 lb	FT = 11%F, 11%E

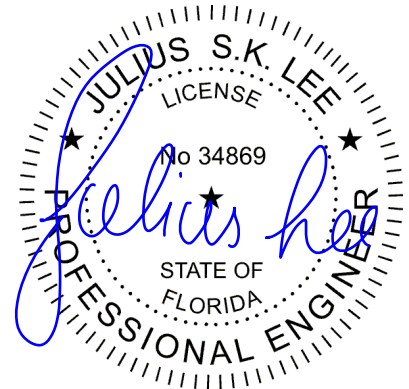
LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS (lb/size) 16=782/0-3-8 (min. 0-1-8), 9=776/0-3-8 (min. 0-1-8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-16=-776/0, 9-17=-772/0, 8-17=-771/0, 1-2=-644/0, 2-3=-1570/0, 3-4=-2004/0, 4-5=-2004/0, 5-6=-2004/0, 6-7=-1583/0, 7-8=-674/0
 BOT CHORD 14-15=0/1241, 13-14=0/1871, 12-13=0/2004, 11-12=0/1882, 10-11=0/1264
 WEBS 1-15=0/933, 2-15=-888/0, 2-14=0/488, 3-14=-448/0, 3-13=-44/400, 8-10=0/926, 7-10=-876/0, 7-11=0/475, 6-11=-444/0, 6-12=-52/415

- NOTES** (8-10)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All plates are 3x3 MT20 unless otherwise indicated.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
 - 5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 7) CAUTION, Do not erect truss backwards.
 - 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 9) Note: Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
 - 10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



March 15, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE.
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Julius Lee
 1109 Coastal Bay Blvd.
 Boynton, FL 33435

Job 410547	Truss F04	Truss Type FLOOR	Qty 1	Ply 1	Job Reference (optional) 15336181
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Builders FirstSource, Jacksonville, FL 32244 7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:13 2012 Page 1
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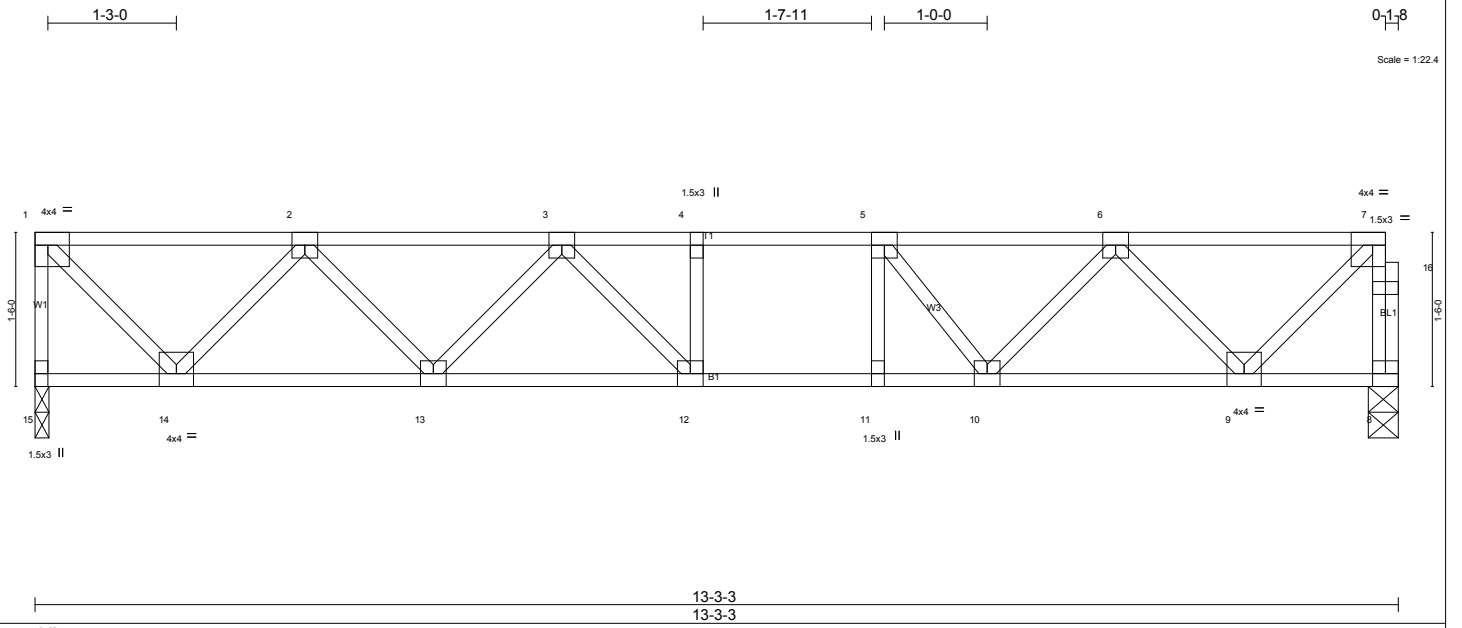


Plate Offsets (X,Y): [1:Edge,0-1-8], [7:0-1-8,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.53	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.86	Vert(LL) -0.11 12-13 >999 360		
BCLL 0.0	Lumber Increase 1.00	WB 0.43	Vert(TL) -0.16 12-13 >967 240		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.03 8 n/a n/a		
	Code FBC2010/TPI2007			Weight: 72 lb	FT = 11%F, 11%E

LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS (lb/size) 15=719/0-1-10 (min. 0-1-8), 8=713/0-3-8 (min. 0-1-8)

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

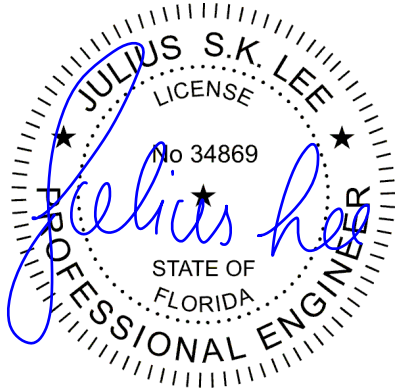
TOP CHORD 1-15=-712/0, 8-16=-710/0, 7-16=-709/0, 1-2=-582/0, 2-3=-1401/0, 3-4=-1673/0, 4-5=-1673/0, 5-6=-1416/0, 6-7=-608/0

BOT CHORD 13-14=0/1124, 12-13=0/1637, 11-12=0/1673, 10-11=0/1673, 9-10=0/1133

WEBS 1-14=0/843, 2-14=-806/0, 2-13=0/411, 3-13=-351/0, 3-12=-118/286, 7-9=0/834, 6-9=-781/0, 6-10=0/439, 5-10=-502/0

- NOTES** (9-11)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All plates are 3x3 MT20 unless otherwise indicated.
 - 4) Bearings are assumed to be: , Joint 8 SYP No.2 .
 - 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 15.
 - 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.
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 10) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



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Job 410547	Truss F05	Truss Type FLOOR	Qty 1	Ply 1	Job Reference (optional) 15336182
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Builders FirstSource, Jacksonville, FL 32244 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:14 2012 Page 1
ID:ZJnLylLT2_d_WB?NgG68hKzaz58-BWQsJnSnpSJWVaXT8o7a7KPiQlJvQ0Iz0eu_gs4zag83

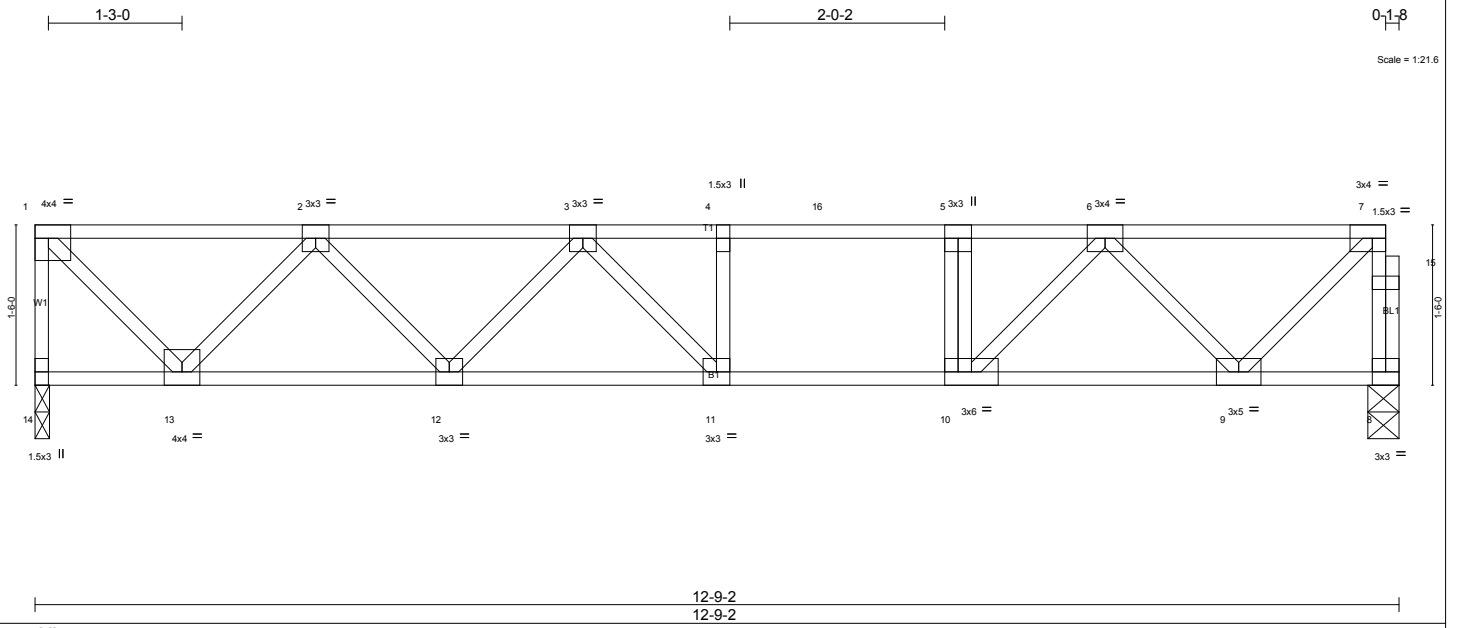


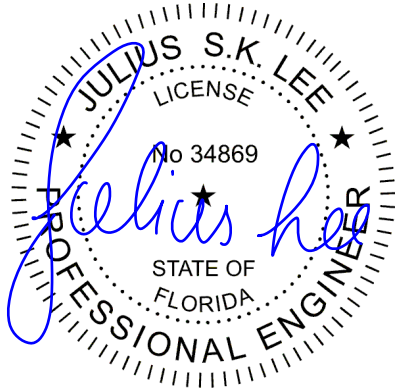
Plate Offsets (X,Y): [1:Edge,0-1-8], [7:0-1-8,Edge]	
LOADING (psf)	SPACING 2-0-0
TCLL 40.0	Plates Increase 1.00
TCDL 10.0	Lumber Increase 1.00
BCLL 0.0	Rep Stress Incr YES
BCDL 5.0	Code FBC2010/TPI2007
CSI	DEFL
TC 0.91	in (loc) l/defl L/d
BC 0.94	Vert(LL) -0.16 11-12 >944 360
WB 0.41	Vert(TL) -0.24 11-12 >642 240
(Matrix)	Horz(TL) 0.02 8 n/a n/a
PLATES	GRIP
MT20	244/190
Weight: 70 lb FT = 11%F, 11%E	

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

REACTIONS (lb/size) 14=691/0-1-10 (min. 0-1-8), 8=685/0-3-8 (min. 0-1-8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-14=-682/0, 8-15=-667/0, 7-15=-666/0, 1-2=-553/0, 2-3=-1333/0, 3-4=-1495/0, 4-16=-1495/0, 5-16=-1495/0, 5-6=-1495/0, 6-7=-559/0
BOT CHORD 12-13=0/1074, 11-12=0/1531, 10-11=0/1495, 9-10=0/1083
WEBS 1-13=0/801, 2-13=-774/0, 2-12=0/384, 3-12=-295/0, 7-9=0/766, 6-9=-779/0, 6-10=0/684, 5-10=-342/0

- NOTES** (8-10)
- Unbalanced floor live loads have been considered for this design.
 - This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - Bearings are assumed to be: , Joint 8 SYP No.2 .
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 14.
 - "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.
 - CAUTION, Do not erect truss backwards.
 - This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - Note: Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
 - Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435



LOAD CASE(S) Standard

March 15, 2012

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.</p>	<p>Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435</p>
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Job 410547	Truss F06	Truss Type FLOOR	Qty 6	Ply 1	15336183
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Builders FirstSource, Jacksonville, FL 32244 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:14 2012 Page 1
 ID:ZJnLylLT2_d_WB?NgG68hKzaz58-BWQsJnSnpSJWVvXT8o7a7KPixwjz_0kc0eu_gs4zag83

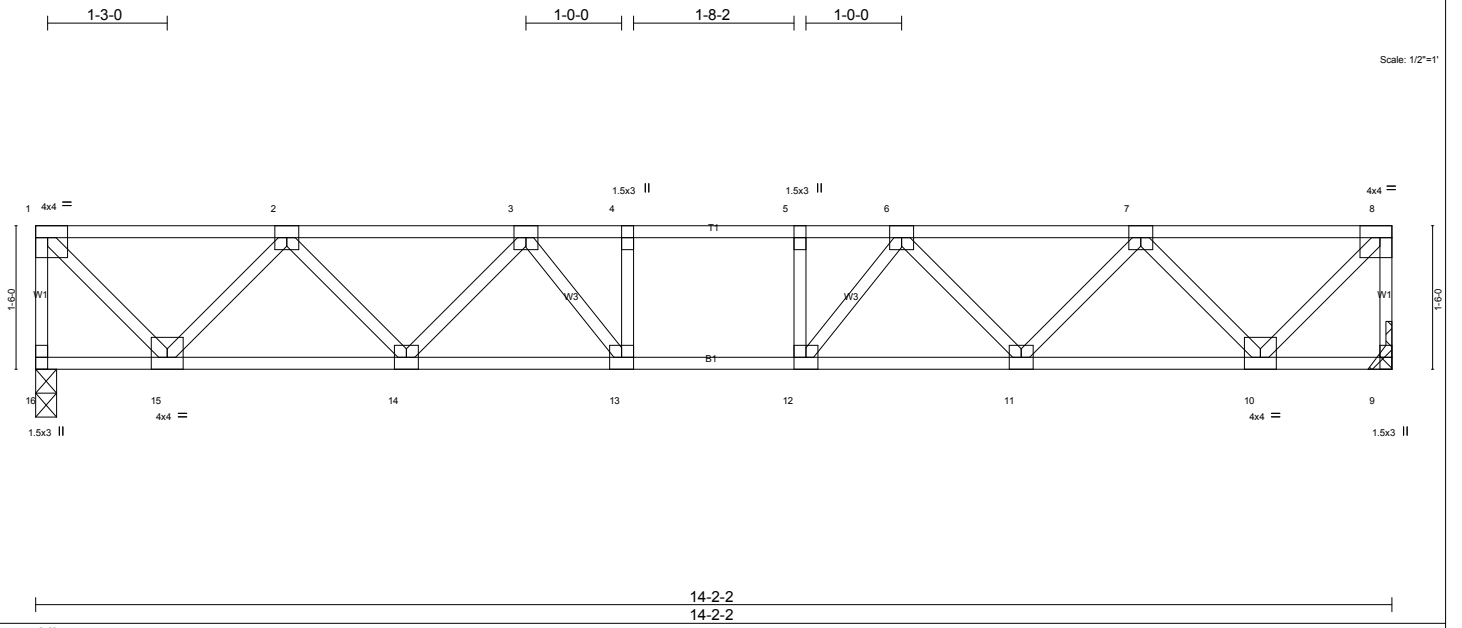


Plate Offsets (X,Y): [1:Edge,0-1-8], [8:0-1-8,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.49	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.65	Vert(LL) -0.09 13-14 >999 360	Weight: 75 lb FT = 11%F, 11%E	
BCLL 0.0	Lumber Increase 1.00	WB 0.47	Vert(TL) -0.14 11-12 >999 240		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.03 9 n/a n/a		
	Code FBC2010/TPI2007				

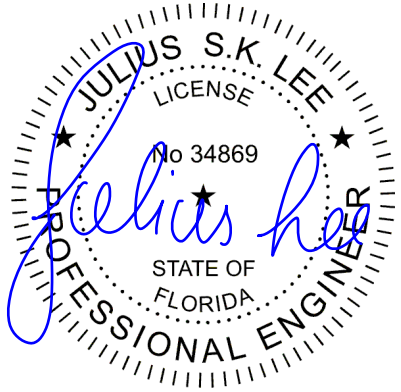
LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS (lb/size) 16=773/0-2-10 (min. 0-1-8), 9=773/Mechanical

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-16=-767/0, 8-9=-767/0, 1-2=-636/0, 2-3=-1541/0, 3-4=-1952/0, 4-5=-1952/0, 5-6=-1952/0, 6-7=-1541/0, 7-8=-636/0
 BOT CHORD 14-15=0/1224, 13-14=0/1836, 12-13=0/1952, 11-12=0/1836, 10-11=0/1224
 WEBS 1-15=0/921, 2-15=-874/0, 2-14=0/472, 3-14=-437/0, 3-13=-49/409, 8-10=0/921, 7-10=-874/0, 7-11=0/472, 6-11=-437/0, 6-12=-49/409

- NOTES** (7-10)
- Unbalanced floor live loads have been considered for this design.
 - This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - All plates are 3x3 MT20 unless otherwise indicated.
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 16.
 - "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.
 - This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - Use Simpson THA422 to attach Truss to Carrying member

LOAD CASE(S) Standard



March 15, 2012

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.</p>	<p>Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435</p>
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Job 410547	Truss F07	Truss Type FLOOR	Qty 4	Ply 1	15336184
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Builders FirstSource, Jacksonville, FL 32244

7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:15 2012 Page 1

ID:ZJnLylLT2_d_WB?NgG68hKzaz58-fi_qwoorRDdeMCh2KMq5MscF5v7vfiBI9sYjDOWzag82

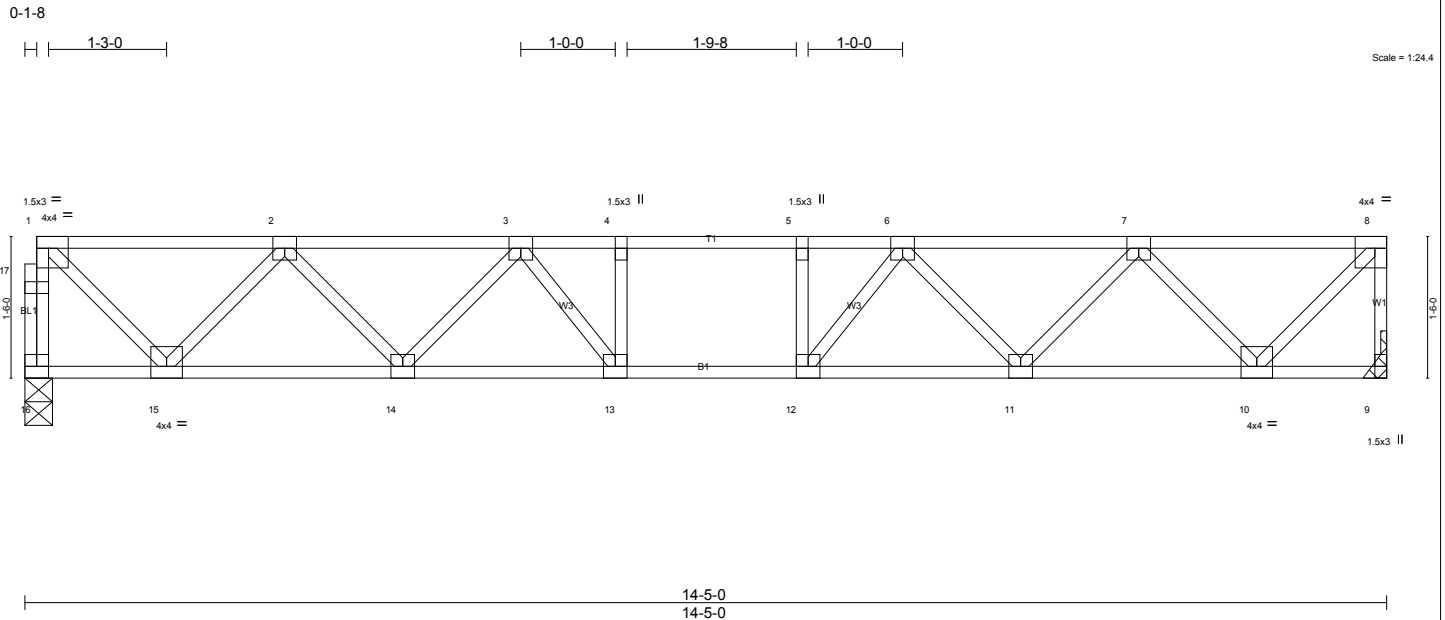


Plate Offsets (X,Y): [1:Edge,0-1-8], [8:0-1-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.53	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.68	Vert(LL) -0.10 13-14 >999 360		
BCLL 0.0	Lumber Increase 1.00	WB 0.47	Vert(TL) -0.15 13-14 >999 240		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.03 9 n/a n/a		
	Code FBC2010/TPI2007			Weight: 78 lb	FT = 11%F, 11%E

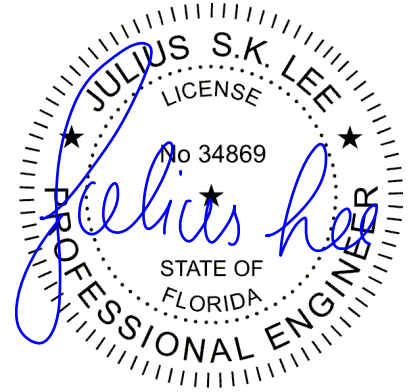
LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS (lb/size) 16=776/0-3-8 (min. 0-1-8), 9=783/Mechanical

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 16-17=-772/0, 1-17=-771/0, 8-9=-777/0, 1-2=-674/0, 2-3=-1585/0, 3-4=-2000/0, 4-5=-2000/0, 5-6=-2000/0, 6-7=-1568/0, 7-8=-645/0
 BOT CHORD 14-15=0/1264, 13-14=0/1881, 12-13=0/2000, 11-12=0/1871, 10-11=0/1242
 WEBS 1-15=0/926, 2-15=-877/0, 2-14=0/476, 3-14=-440/0, 3-13=-49/422, 4-13=-251/0, 8-10=0/935, 7-10=-887/0, 7-11=0/485, 6-11=-451/0, 6-12=-38/433, 5-12=-257/0

- NOTES** (8-11)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All plates are 3x3 MT20 unless otherwise indicated.
 - 4) Bearings are assumed to be: Joint 16 SYP No.2 .
 - 5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 7) CAUTION, Do not erect truss backwards.
 - 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 9) Note: Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
 - 10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - 11) Use Simpson THA422 to attach Truss to Carrying member

LOAD CASE(S) Standard

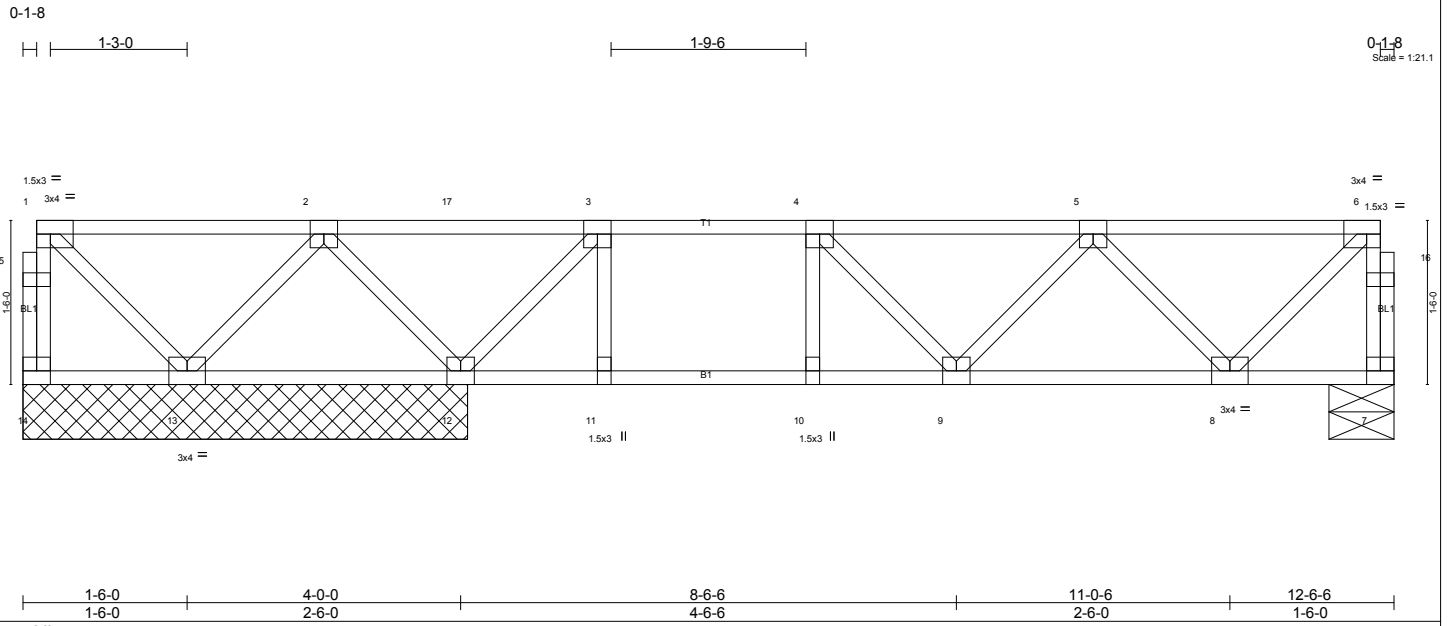


March 15, 2012

Job 410547	Truss F08	Truss Type FLOOR	Qty 1	Ply 1	Job Reference (optional) 15336185
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Builders FirstSource, Jacksonville, FL 32244

7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:16 2012 Page 1
ID:ZJnLyLT2_d_WB?NgG68hKzaz58-7uYC87p4zxmDprdXwYcbPqoHzWEHUgK15CTmwzazg81



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.45	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.72	Vert(LL) -0.07 9-10 >999 360		
BCLL 0.0	Lumber Increase 1.00	WB 0.32	Vert(TL) -0.11 9-10 >923 240		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.02 7 n/a n/a		
	Code FBC2010/TPI2007			Weight: 69 lb	FT = 11%F, 11%E

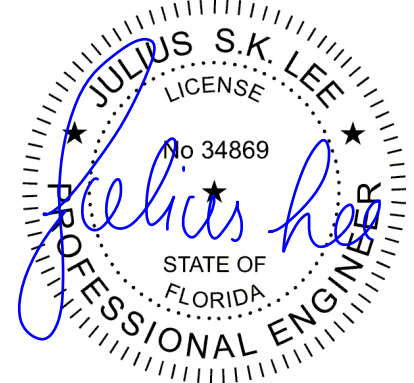
LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS All bearings 4-0-12 except (jt=length) 7=0-7-2.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 14 except 7=567(LC 8), 13=406(LC 8), 12=363(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 7-16=-559/0, 6-16=-559/0, 2-17=-723/0, 3-17=-723/0, 3-4=-1033/0, 4-5=-992/0, 5-6=-466/0
BOT CHORD 12-13=0/522, 11-12=0/1033, 10-11=0/1033, 9-10=0/1033, 8-9=0/875
WEBS 6-8=0/639, 5-8=-607/0, 2-13=-630/0, 2-12=-74/361, 3-12=-562/0

- NOTES** (7-9)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All plates are 3x3 MT20 unless otherwise indicated.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
 - 5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 8) Note: Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
 - 9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



March 15, 2012

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Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Job 410547	Truss F09	Truss Type FLOOR	Qty 2	Ply 1	Job Reference (optional) 15336186
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Builders FirstSource, Jacksonville, FL 32244

7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:16 2012 Page 1
ID:ZJnLylT2_d_WB?NgG68hKzaz58-7uYC87p4zxmDprdXwYcbPqoF2WHQUc1I5CTmwzazg81

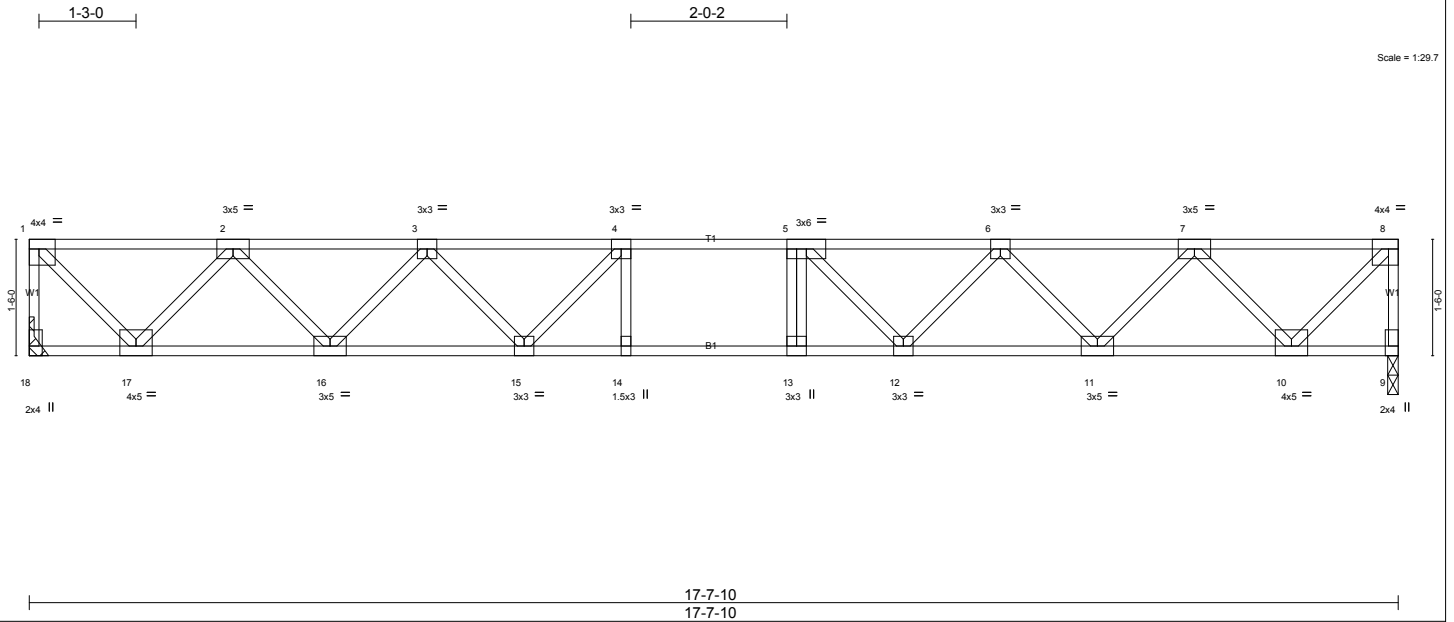


Plate Offsets (X,Y): [1:Edge,0-1-8], [8:0-1-8,Edge], [9:0-1-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.64	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.52	Vert(LL) -0.18 12-13 >999 360		
BCLL 0.0	Lumber Increase 1.00	WB 0.60	Vert(TL) -0.27 12-13 >773 240		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.05 9 n/a n/a		
	Code FBC2010/TPI2007			Weight: 93 lb	FT = 11%F, 11%E

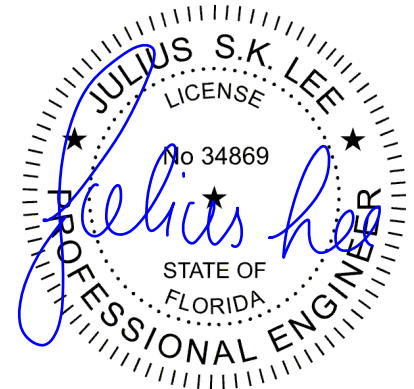
LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SYP M 31(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS (lb/size) 18=963/Mechanical, 9=963/0-1-10 (min. 0-1-8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-18=-956/0, 8-9=-956/0, 1-2=-814/0, 2-3=-2073/0, 3-4=-2797/0, 4-5=-3046/0, 5-6=-2796/0, 6-7=-2074/0, 7-8=-814/0
BOT CHORD 16-17=0/1573, 15-16=0/2548, 14-15=0/3046, 13-14=0/3046, 12-13=0/3046, 11-12=0/2550, 10-11=0/1573
WEBS 1-17=0/1179, 2-17=-1129/0, 2-16=0/743, 3-16=-705/0, 3-15=0/446, 4-15=-582/0, 8-10=0/1179, 7-10=-1128/0, 7-11=0/745, 6-11=-708/0, 6-12=0/439, 5-12=-575/0

- NOTES** (6-9)
- Unbalanced floor live loads have been considered for this design.
 - This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9.
 - "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.
 - This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - Use Simpson THA422 to attach Truss to Carrying member

LOAD CASE(S) Standard



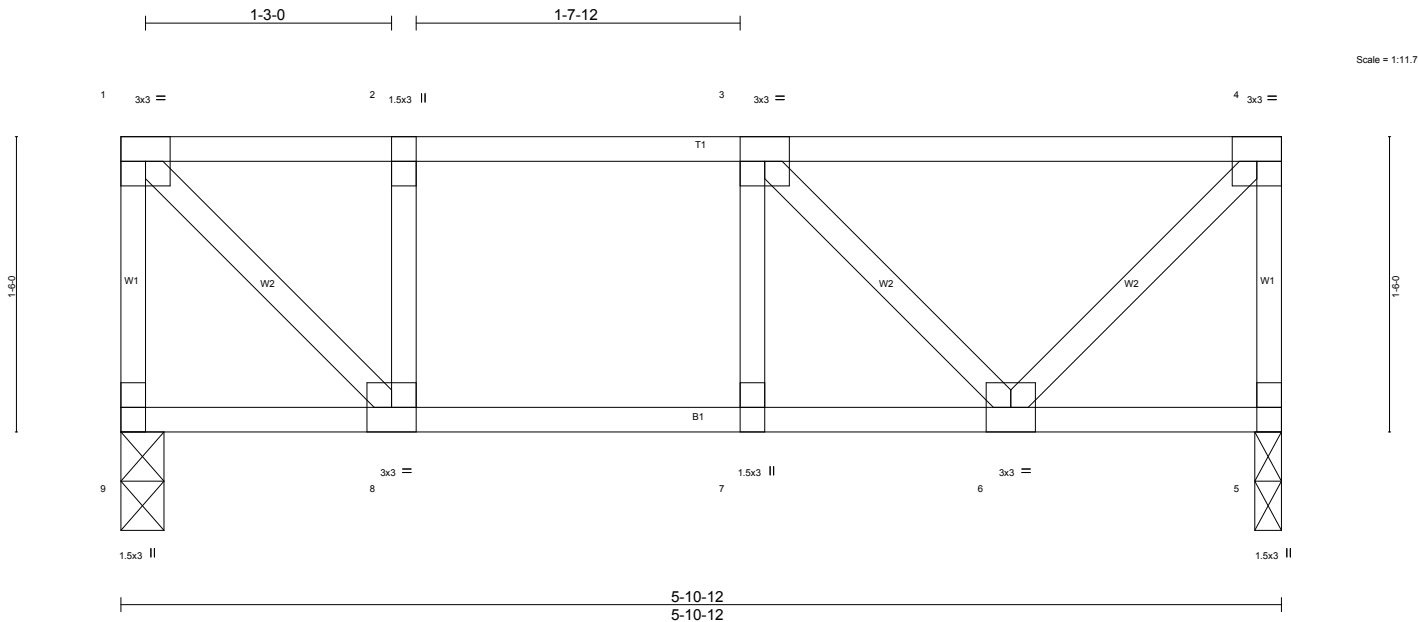
March 15, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Job 410547	Truss F10	Truss Type FLOOR	Qty 3	Ply 1	Job Reference (optional) 15336187
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Builders FirstSource, Jacksonville, FL 32244 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:17 2012 Page 1
 ID:ZJnLyILt2_d_WB?NgG68hKzaz58-b56bLTqikEu4R?CjUF7qx1KRjweUD95SKsCKTPzag80



LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.00 Lumber Increase 1.00 Rep Stress Incr YES Code FBC2010/TPI2007	CSI TC 0.51 BC 0.47 WB 0.23 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.04 7 >999 360 Vert(TL) -0.05 6-7 >999 240 Horz(TL) 0.00 5 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 33 lb FT = 11%F, 11%E
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LUMBER
 TOP CHORD 2x4 SPp No.2(flat)
 BOT CHORD 2x4 SPp No.2(flat)
 WEBS 2x4 SPp No.3(flat)

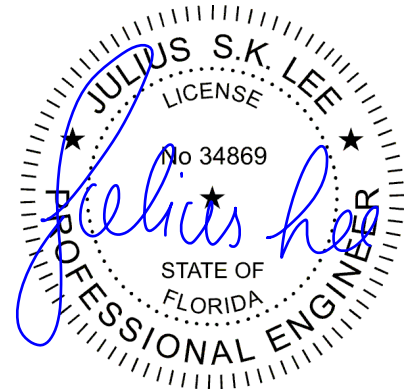
BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-10-12 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 9=317/0-2-10 (min. 0-1-8), 5=317/0-1-10 (min. 0-1-8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-9=-346/0, 4-5=-321/0, 1-2=-317/0, 2-3=-317/0
 BOT CHORD 7-8=0/317, 6-7=0/317
 WEBS 4-6=0/278, 1-8=0/448

- NOTES** (7-9)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) Bearings are assumed to be: , Joint 9 SYP No.2 .
 - 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9, 5.
 - 5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 8) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

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Julius Lee
 1109 Coastal Bay Blvd.
 Boynton, FL 33435

Job 410547	Truss F11	Truss Type FLOOR	Qty 7	Ply 1	5336188
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Builders FirstSource, Jacksonville, FL 32244
 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:17 2012 Page 1
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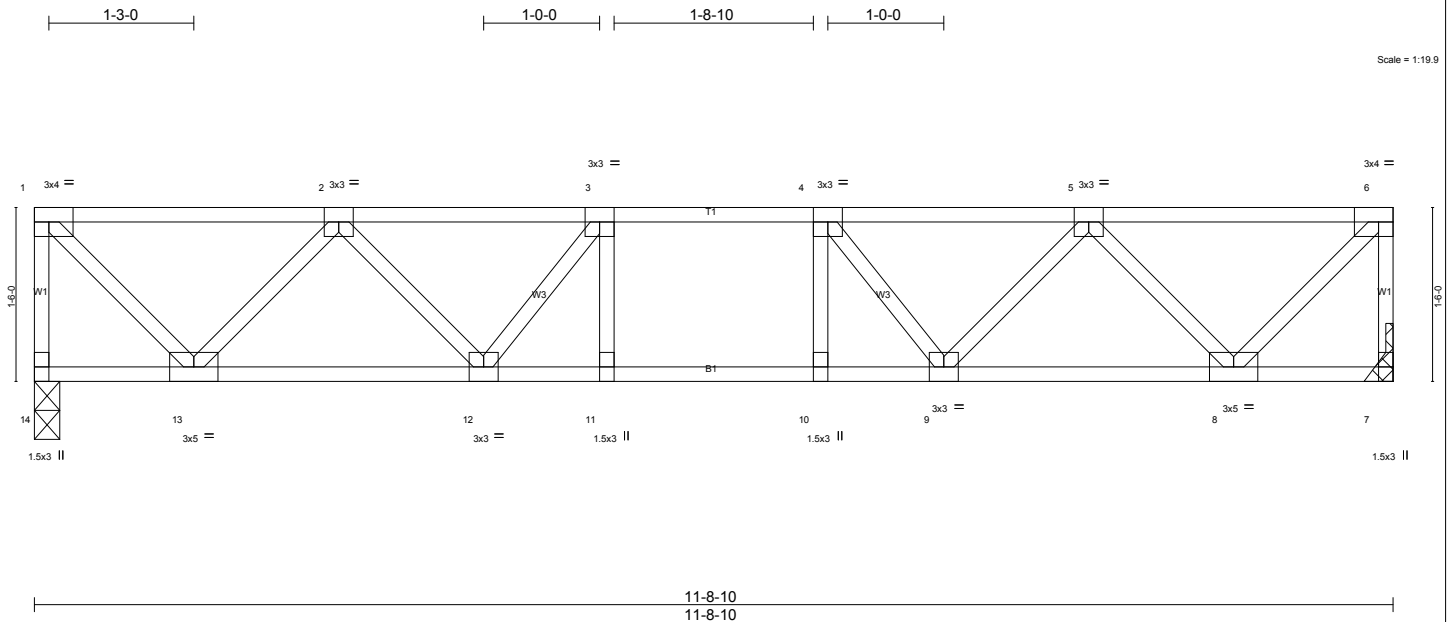


Plate Offsets (X,Y): [6:0-1-8,Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.40	Vert(LL) -0.06 11-12 >999 360	MT20 244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.61	Vert(TL) -0.08 11 >999 240	
BCLL 0.0	Rep Stress Incr YES	WB 0.37	Horz(TL) 0.02 7 n/a n/a	
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)		Weight: 63 lb FT = 11%F, 11%E

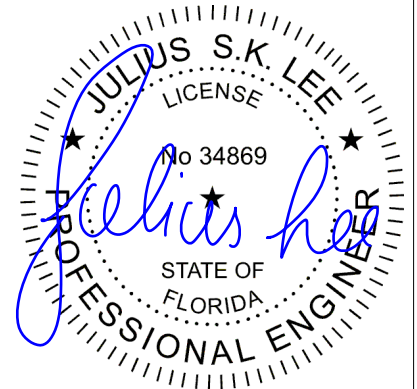
LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS (lb/size) 14=638/0-2-10 (min. 0-1-8), 7=638/Mechanical

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-14=-633/0, 6-7=-633/0, 1-2=-506/0, 2-3=-1172/0, 3-4=-1329/0, 4-5=-1172/0, 5-6=-506/0
 BOT CHORD 12-13=0/969, 11-12=0/1329, 10-11=0/1329, 9-10=0/1329, 8-9=0/969
 WEBS 1-13=0/733, 2-13=-688/0, 2-12=0/330, 3-12=-359/0, 6-8=0/733, 5-8=-688/0, 5-9=0/330, 4-9=-359/0

- NOTES** (6-9)
- Unbalanced floor live loads have been considered for this design.
 - This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 14.
 - "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.
 - This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869. Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - Use Simpson THA422 to attach Truss to Carrying member

LOAD CASE(S) Standard



March 15, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Julius Lee
 1109 Coastal Bay Blvd.
 Boynton, FL 33435

Job 410547	Truss F12	Truss Type FLOOR	Qty 2	Ply 1	5336189
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Builders FirstSource, Jacksonville, FL 32244

7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:18 2012 Page 1

ID:ZJnLylLT2_d_WB?NgG68hKzaz58-4HgZyqqKVY0x38nv1yf3UFteBky5ya?bYWyt?rzag8?

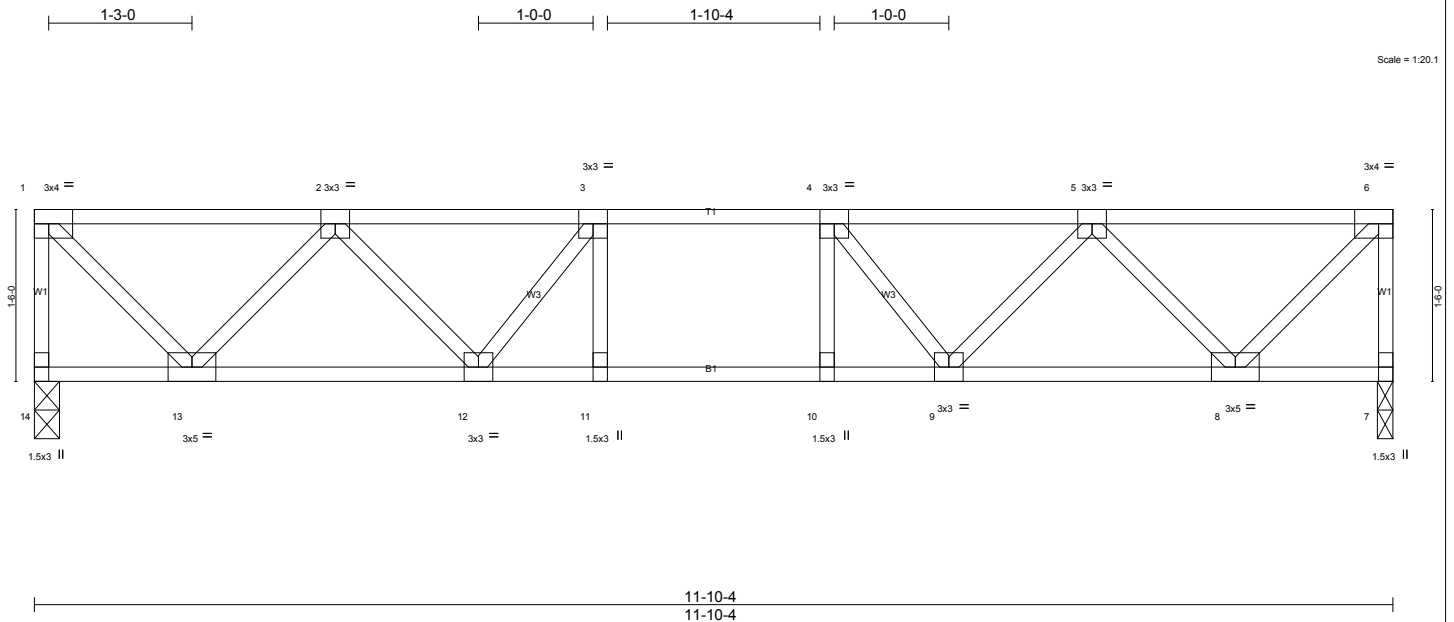


Plate Offsets (X,Y): [6:0-1-8,Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.40	Vert(LL) -0.07 9-10 >999 360	MT20 244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.64	Vert(TL) -0.09 11 >999 240	
BCLL 0.0	Rep Stress Incr YES	WB 0.38	Horz(TL) 0.02 7 n/a n/a	
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)		Weight: 63 lb FT = 11%F, 11%E

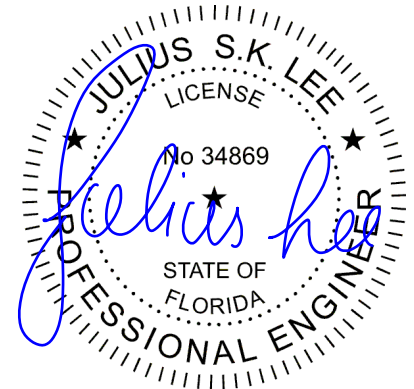
LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS (lb/size) 14=645/0-2-10 (min. 0-1-8), 7=645/0-1-10 (min. 0-1-8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-14=-640/0, 6-7=-640/0, 1-2=-513/0, 2-3=-1193/0, 3-4=-1358/0, 4-5=-1193/0, 5-6=-513/0
 BOT CHORD 12-13=0/982, 11-12=0/1358, 10-11=0/1358, 9-10=0/1358, 8-9=0/982
 WEBS 6-8=0/743, 1-13=0/743, 5-8=-698/0, 2-13=-698/0, 5-9=0/342, 2-12=0/342, 4-9=-374/0, 3-12=-374/0

- NOTES** (7-9)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
 - 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 14, 7.
 - 5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 8) Note: Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
 - 9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



March 15, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE.
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Julius Lee
 1109 Coastal Bay Blvd.
 Boynton, FL 33435

Job 410547	Truss F14	Truss Type FLOOR	Qty 1	Ply 1	15336190
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Builders FirstSource, Jacksonville, FL 32244

7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:18 2012 Page 1
ID:ZJnLyILT2_d_WB?NgG68hKzaz58-4HgZypqKVY0x38nv1yf3UFtecKxyZmbYWyt?rzag8?

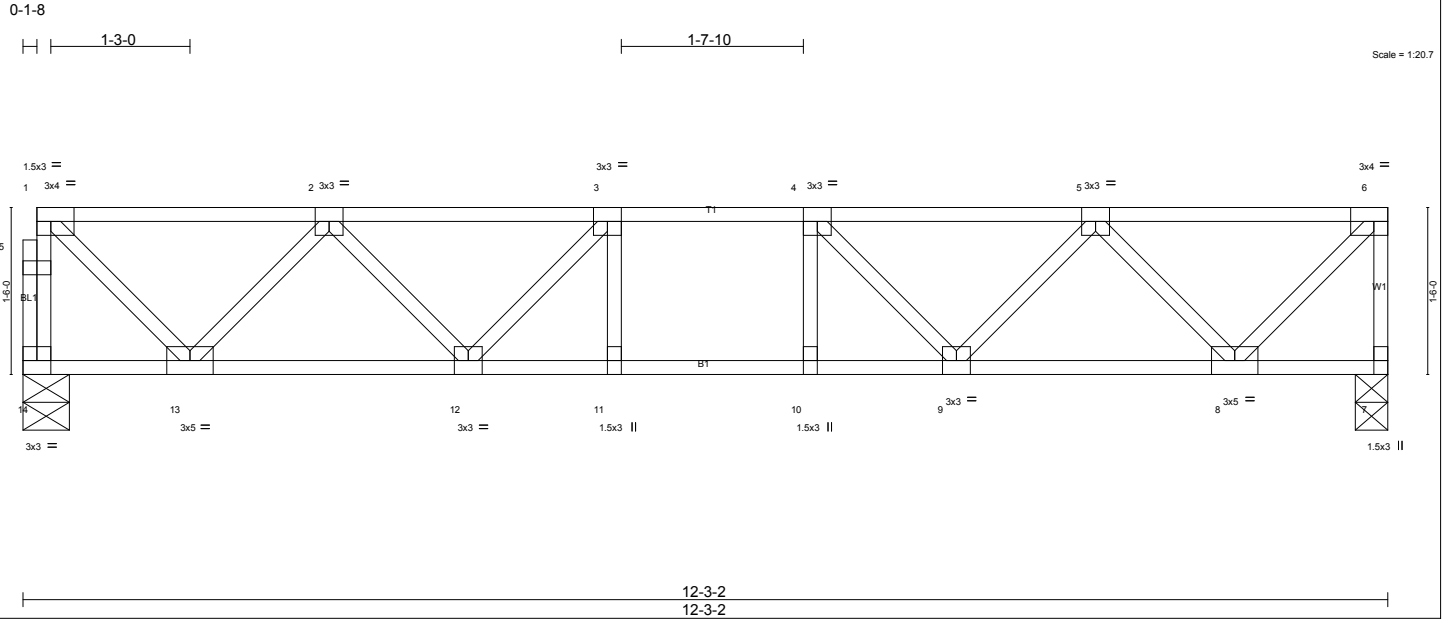


Plate Offsets (X,Y): [6:0-1-8,Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.44	Vert(LL) -0.07 11-12 >999 360	MT20 244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.66	Vert(TL) -0.09 11-12 >999 240	
BCLL 0.0	Rep Stress Incr YES	WB 0.39	Horz(TL) 0.02 7 n/a n/a	
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)		Weight: 66 lb FT = 11%F, 11%E

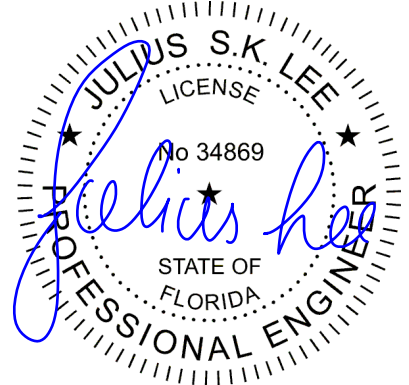
LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS (lb/size) 14=658/0-5-0 (min. 0-1-8), 7=664/0-3-8 (min. 0-1-8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 14-15=-653/0, 1-15=-653/0, 6-7=-659/0, 1-2=-557/0, 2-3=-1250/0, 3-4=-1449/0, 4-5=-1239/0, 5-6=-533/0
 BOT CHORD 12-13=0/1039, 11-12=0/1449, 10-11=0/1449, 9-10=0/1449, 8-9=0/1021
 WEBS 6-8=0/772, 1-13=0/763, 5-8=-726/0, 2-13=-717/0, 5-9=0/339, 2-12=0/331, 4-9=-394/0, 3-12=-383/0

- NOTES** (7-9)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
 - 4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 6) CAUTION, Do not erect truss backwards.
 - 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 8) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



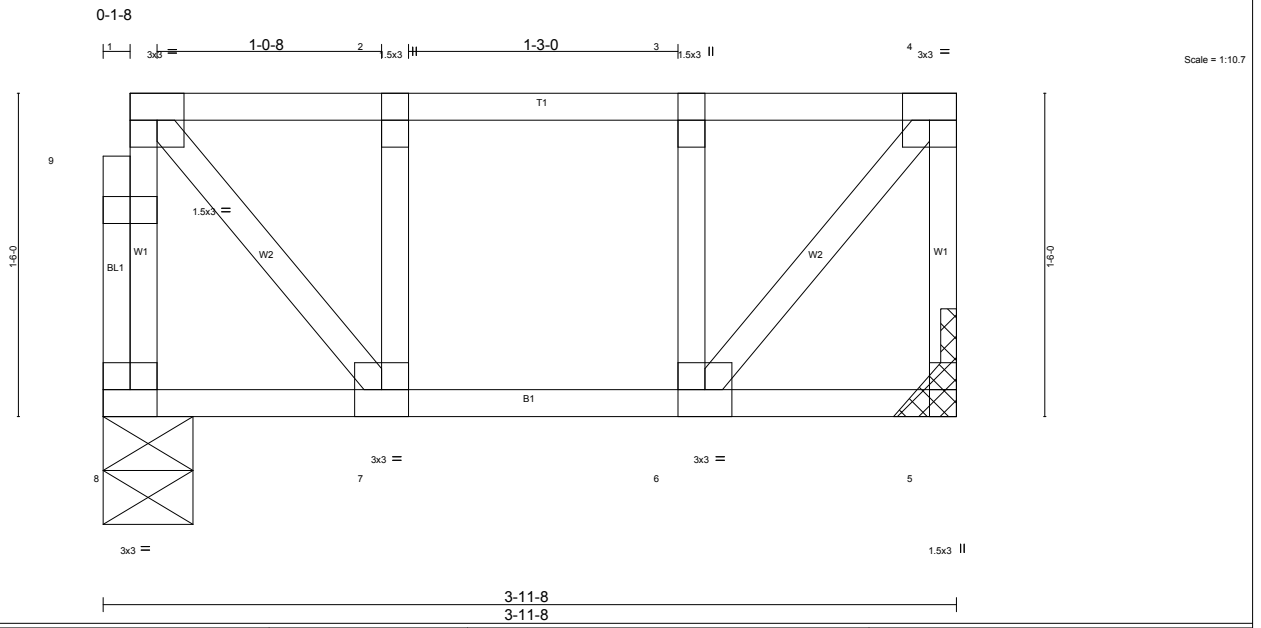
March 15, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE.
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Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Job 410547	Truss F16	Truss Type FLOOR	Qty 1	Ply 1	15336191
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Builders FirstSource, Jacksonville, FL 32244 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:19 2012 Page 1
 ID:ZJnLyLT2_d_WB?NgG68hKzaz58-YTELm9ryGs8ogIM6bgAI1SQufkPwh5VInAhRXIzag8



LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.00 Lumber Increase 1.00 Rep Stress Incr YES Code FBC2010/TPI2007	CSI TC 0.10 BC 0.09 WB 0.11 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.00 7 >999 360 Vert(TL) -0.00 7 >999 240 Horz(TL) 0.00 5 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 25 lb FT = 11%F, 11%E
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LUMBER
 TOP CHORD 2x4 SPp No.2(flat)
 BOT CHORD 2x4 SPp No.2(flat)
 WEBS 2x4 SPp No.3(flat)

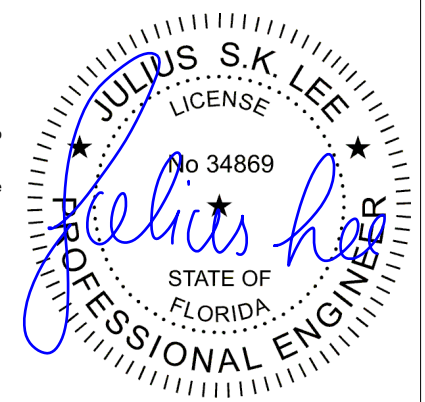
BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-11-8 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 8=201/0-5-0 (min. 0-1-8), 5=207/Mechanical

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

- NOTES** (7-10)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
 - 4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 6) CAUTION, Do not erect truss backwards.
 - 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 8) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - 10) Use Simpson THA422 to attach Truss to Carrying member

LOAD CASE(S) Standard



March 15, 2012

Job 410547	Truss F17	Truss Type FLOOR	Qty 1	Ply 1	15336192
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Builders FirstSource, Jacksonville, FL 32244
 7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:19 2012 Page 1
 ID:ZJnLylT2_d_WB?NgG68hKzaz58-YTElm9ryGs8ogIM6bgAl1SQsXkNzh0_InAhRXIzag8

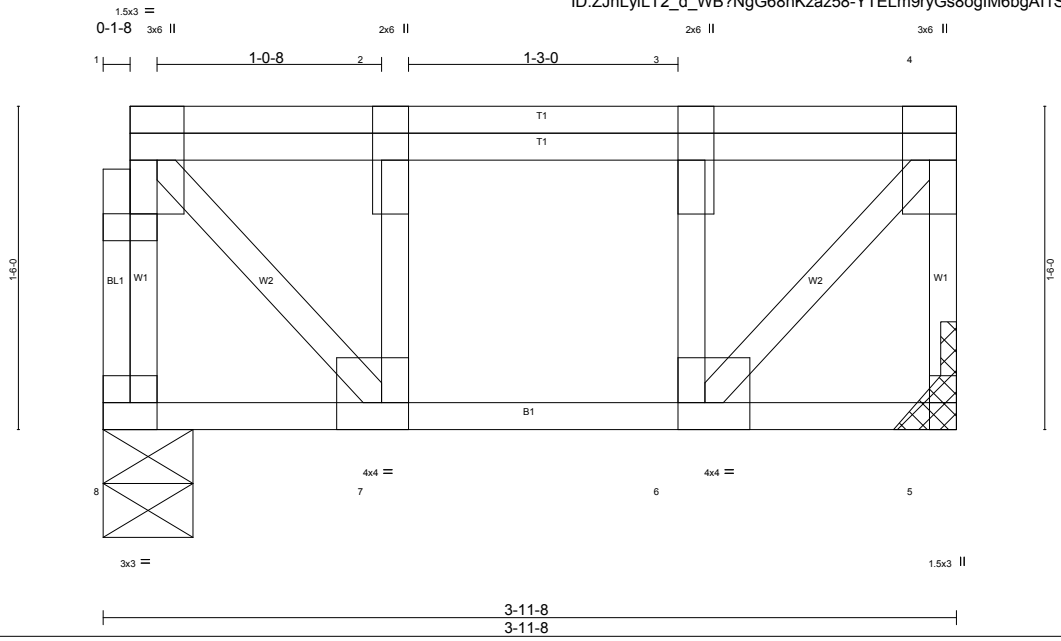


Plate Offsets (X,Y): [1:0-1-8,0-0-8], [2:0-3-0,Edge], [3:0-3-0,Edge], [6:0-1-8,Edge], [7:0-1-8,Edge]

LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.00 Lumber Increase 1.00 Rep Stress Incr NO Code FBC2010/TPI2007	CSI TC 0.24 BC 0.21 WB 0.39 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.01 7 >999 360 Vert(TL) -0.01 7 >999 240 Horz(TL) 0.00 5 n/a n/a	PLATES GRIP MT20 244/190 Weight: 30 lb FT = 11%F, 11%E
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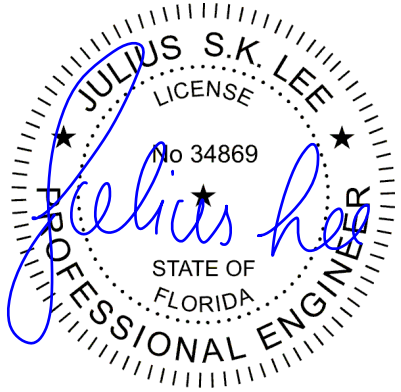
LUMBER TOP CHORD 2x4 SPp No.2(flat) BOT CHORD 2x4 SPp No.2(flat) WEBS 2x4 SPp No.3(flat)	BRACING TOP CHORD Structural wood sheathing directly applied or 3-11-8 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
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REACTIONS (lb/size) 8=773/0-5-0 (min. 0-1-8), 5=773/Mechanical

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-8=-764/0, 4-5=-767/0, 1-2=-519/0, 2-3=-517/0, 3-4=-517/0
 BOT CHORD 6-7=0/517
 WEBS 4-6=0/778, 1-7=0/749, 2-7=-535/0, 3-6=-567/0

- NOTES** (8-12)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
 - 4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 6) CAUTION, Do not erect truss backwards.
 - 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
 - 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 9) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - 11) Use Simpson THA422 to attach Truss to Carrying member

LOAD CASE(S) Standard
 1) Floor: Lumber Increase=1.00, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 5-8=-10, 1-4=-400(F=-300)



March 15, 2012

Job 410547	Truss F19	Truss Type FLOOR	Qty 4	Ply 1	15336193
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Builders FirstSource, Jacksonville, FL 32244 7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:20 2012 Page 1
 ID:ZJnLyLT2_d_WB?NgG68hKzaz58-0gojzVsa19GfSwi9NhXZgywO8XyQS8u0qR_2kzag7z

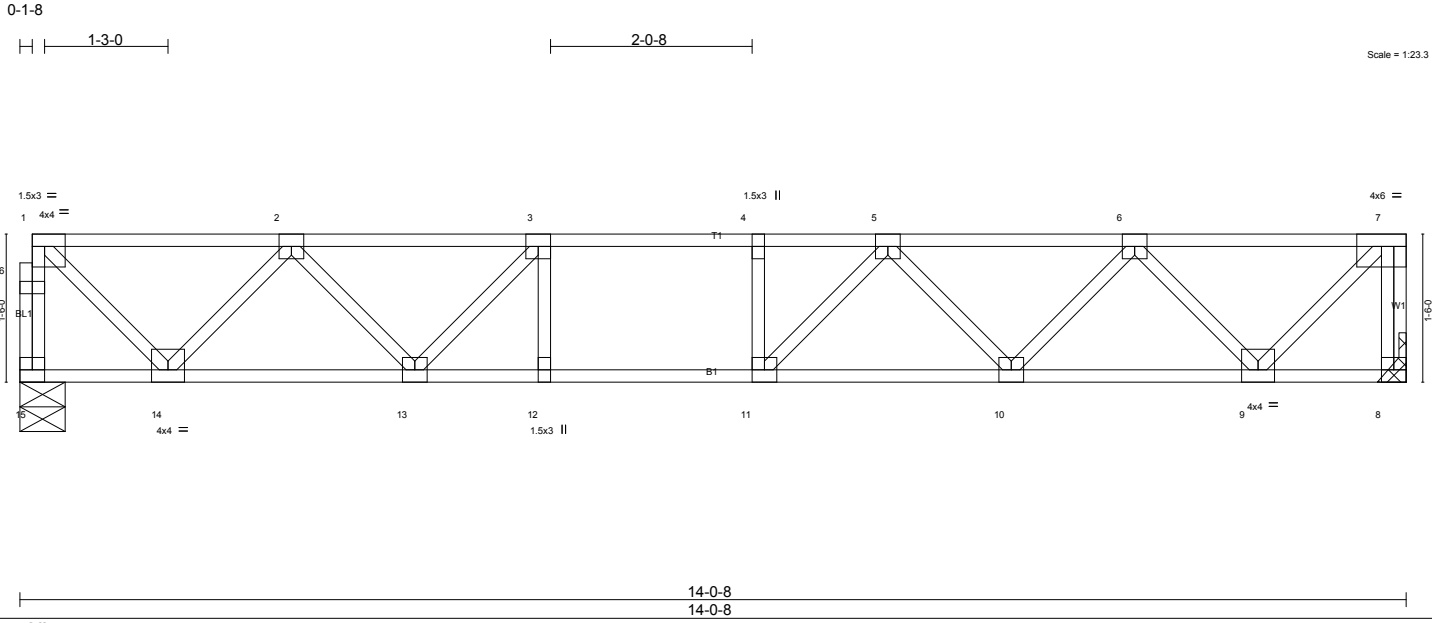


Plate Offsets (X,Y): [1:Edge,0-1-8]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.68	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 1.00	Vert(LL) -0.15 10-11 >999 360	Weight: 76 lb FT = 11%F, 11%E	
BCLL 0.0	Lumber Increase 1.00	WB 0.46	Vert(TL) -0.21 10-11 >770 240		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.03 8 n/a n/a		
	Code FBC2010/TPI2007				

LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
WEBS 2x4 SPp No.3(flat)	2-2-0 oc bracing: 12-13,11-12.

REACTIONS (lb/size) 15=752/0-5-8 (min. 0-1-8), 8=1159/Mechanical

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

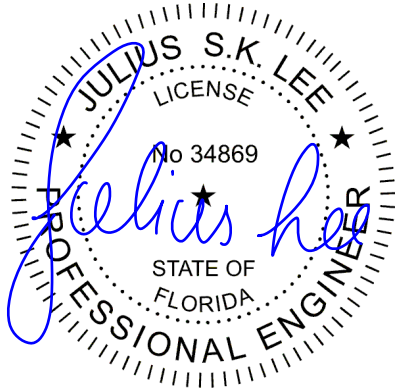
TOP CHORD 15-16=-749/0, 1-16=-749/0, 7-8=-1151/0, 1-2=-649/0, 2-3=-1521/0, 3-4=-1862/0, 4-5=-1862/0, 5-6=-1525/0, 6-7=-646/0

BOT CHORD 13-14=0/1210, 12-13=0/1862, 11-12=0/1862, 10-11=0/1788, 9-10=0/1221

WEBS 7-9=0/914, 1-14=0/890, 6-9=-855/0, 2-14=-834/0, 6-10=0/452, 2-13=0/472, 5-10=-391/0, 3-13=-578/0, 5-11=-90/356

NOTES (8-11)

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
- 3) All plates are 3x3 MT20 unless otherwise indicated.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
- 5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 7) CAUTION, Do not erect truss backwards.
- 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 9) Note: Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
- 10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
- 11) Use Simpson HHUS48 to attach Truss to Carrying member



LOAD CASE(S) Standard

1) Floor: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 8-15=-10, 1-7=-100

Concentrated Loads (lb)

Vert: 7=400

March 15, 2012

Job 410547	Truss F19A	Truss Type FLOOR	Qty 2	Ply 1	5336194
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Builders FirstSource, Jacksonville, FL 32244
 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:21 2012 Page 1
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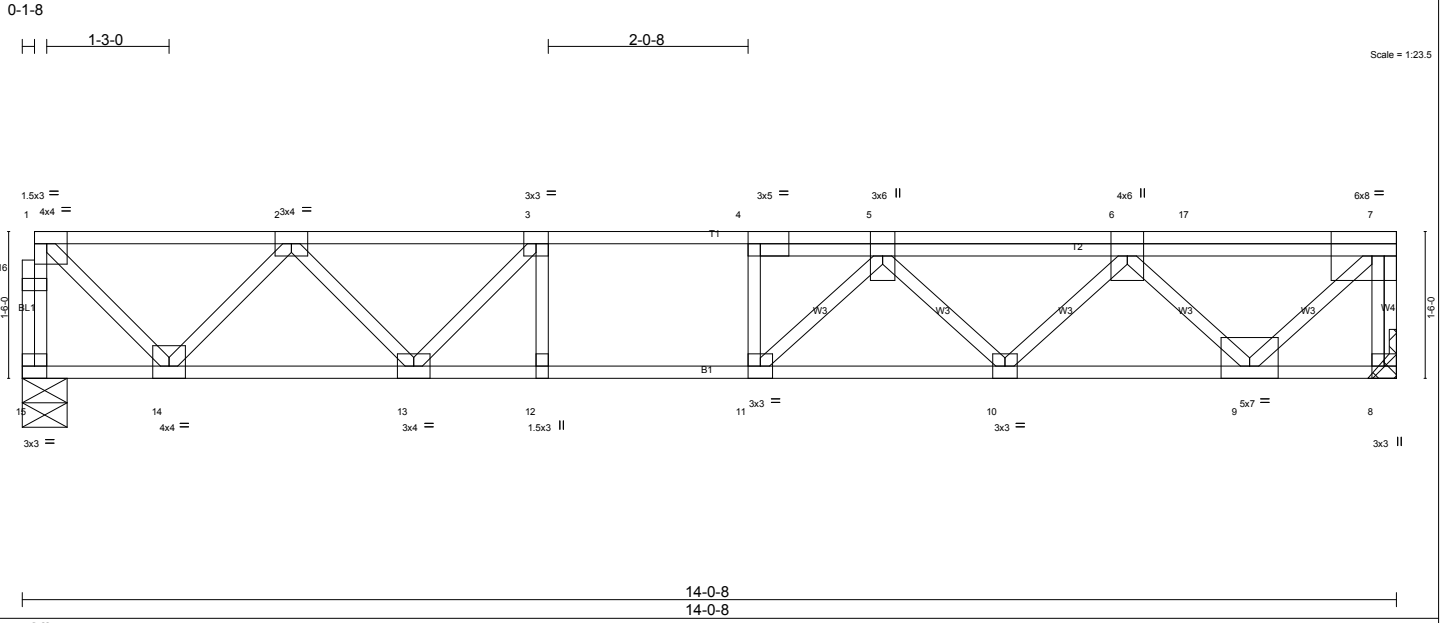


Plate Offsets (X,Y): [1:Edge,0-1-8], [4:0-1-8,Edge], [7:0-3-0,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.56	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.56	Vert(LL) -0.15 10-11 >999 360	Weight: 85 lb FT = 11%F, 11%E	
BCLL 0.0	Lumber Increase 1.00	WB 0.77	Vert(TL) -0.22 10-11 >753 240		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.03 8 n/a n/a		
	Code FBC2010/TPI2007				

LUMBER	BRACING
TOP CHORD 2x4 SYP M 31(flat) *Except* T2: 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SYP M 31(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

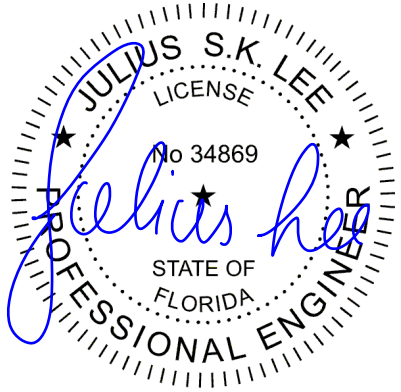
REACTIONS (lb/size) 15=836/0-5-8 (min. 0-1-8), 8=1275/Mechanical

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 15-16=-834/0, 1-16=-833/0, 7-8=-1264/0, 1-2=-730/0, 2-3=-1760/0, 3-4=-2235/0, 4-5=-2243/0, 5-6=-2260/0, 6-17=-1094/0, 7-17=-1094/0
 BOT CHORD 13-14=0/1359, 12-13=0/2235, 11-12=0/2235, 10-11=0/2372, 9-10=0/2084
 WEBS 7-9=0/1513, 1-14=0/1002, 6-9=-1436/0, 2-14=-936/0, 6-10=0/284, 2-13=0/605, 5-10=-260/0, 3-13=-764/0, 5-11=-377/244

- NOTES** (7-10)
- Unbalanced floor live loads have been considered for this design.
 - This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
 - "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.
 - CAUTION, Do not erect truss backwards.
 - This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - Note: Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
 - Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - Use Simpson HHUS48 to attach Truss to Carrying member

LOAD CASE(S) Standard

1) Floor: Lumber Increase=1.00, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 8-15=-10, 1-7=-100
 Concentrated Loads (lb)
 Vert: 17=-600



March 15, 2012

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.</p>	<p>Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435</p>
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Job 410547	Truss F20	Truss Type FLOOR	Qty 2	Ply 1	5336195
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Builders FirstSource, Jacksonville, FL 32244
 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:22 2012 Page 1
 ID:ZJnLylLT2_d_WB?NgG68hKzaz58-y2vUOBtqZnWNXm4hGoj?e52CvxiUuErBT8w57czag7x

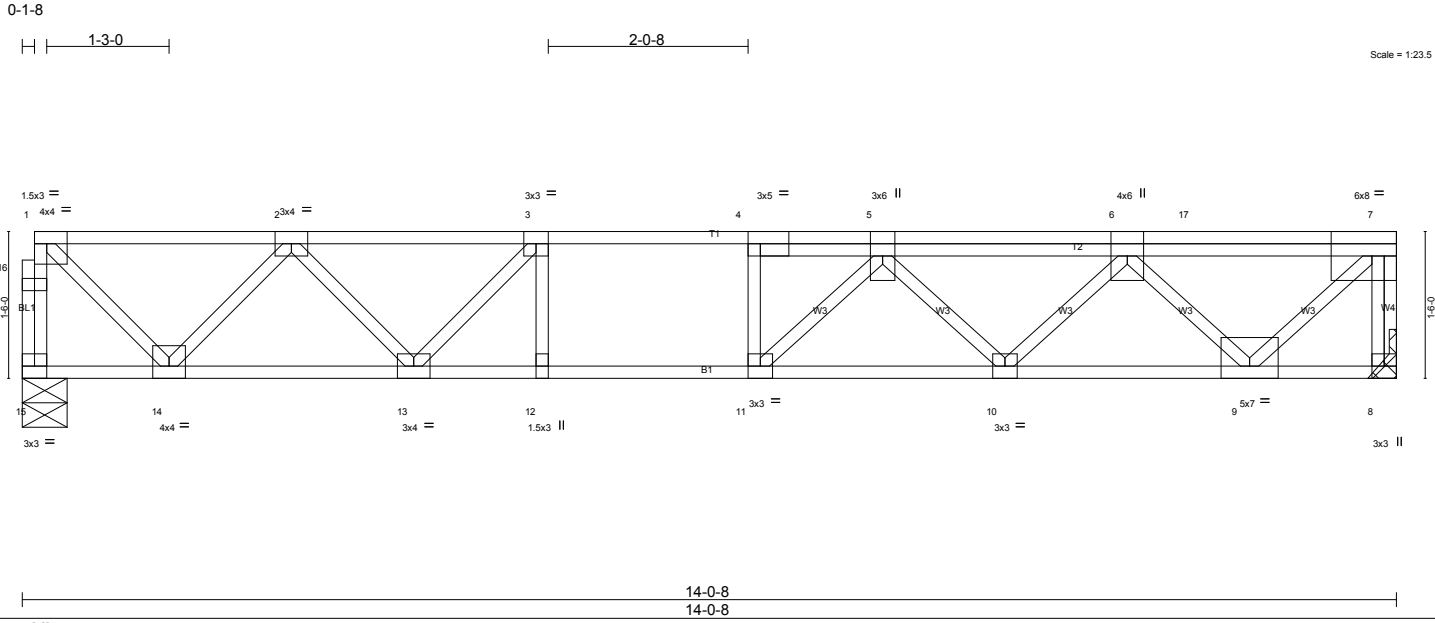


Plate Offsets (X,Y): [1:Edge,0-1-8], [4:0-1-8,Edge], [7:0-3-0,Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.87	Vert(LL) -0.18 10-11 >928 360	MT20 244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.67	Vert(TL) -0.26 10-11 >625 240	
BCLL 0.0	Rep Stress Incr NO	WB 0.96	Horz(TL) 0.04 8 n/a n/a	
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)		Weight: 85 lb FT = 11%F, 11%E

LUMBER	BRACING
TOP CHORD 2x4 SYP M 31(flat) *Except* T2: 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SYP M 31(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS (lb/size) 15=889/0-5-8 (min. 0-1-8), 8=1749/Mechanical

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

TOP CHORD 15-16=889/0, 1-16=-888/0, 7-8=-1735/0, 1-2=-782/0, 2-3=-1913/0, 3-4=-2475/0, 4-5=-2483/0, 5-6=-2695/0, 6-17=-1371/0, 7-17=-1371/0

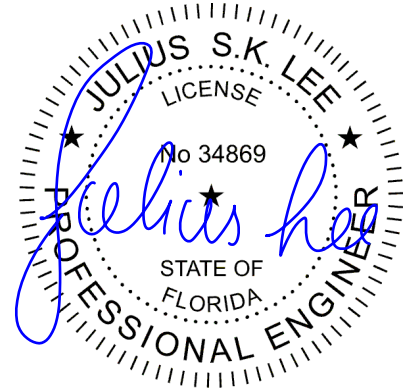
BOT CHORD 13-14=0/1455, 12-13=0/2475, 11-12=0/2475, 10-11=0/2694, 9-10=0/2618

WEBS 7-9=0/1895, 1-14=0/1074, 6-9=-1809/0, 2-14=-1001/0, 2-13=0/690, 3-13=-891/0, 5-11=-493/212, 3-12=-3/283

- NOTES** (7-10)
- Unbalanced floor live loads have been considered for this design.
 - This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
 - "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.
 - CAUTION, Do not erect truss backwards.
 - This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - Note: Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
 - Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - Use Simpson HHUS48 to attach Truss to Carrying member

LOAD CASE(S) Standard

1) Floor: Lumber Increase=1.00, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 8-15=-10, 1-17=-100, 7-17=-250
 Concentrated Loads (lb)
 Vert: 17=-840



March 15, 2012

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Julius Lee
 1109 Coastal Bay Blvd.
 Boynton, FL 33435

Job 410547	Truss F21	Truss Type FLOOR	Qty 1	Ply 1	15336196
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Builders FirstSource, Jacksonville, FL 32244

7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:23 2012 Page 1

ID:ZJnLyILt2_d_WB?NgG68hKzaz58-QFTscXuTK4eD9wftqWEEBlamTLcsdntKiofef3zag7w

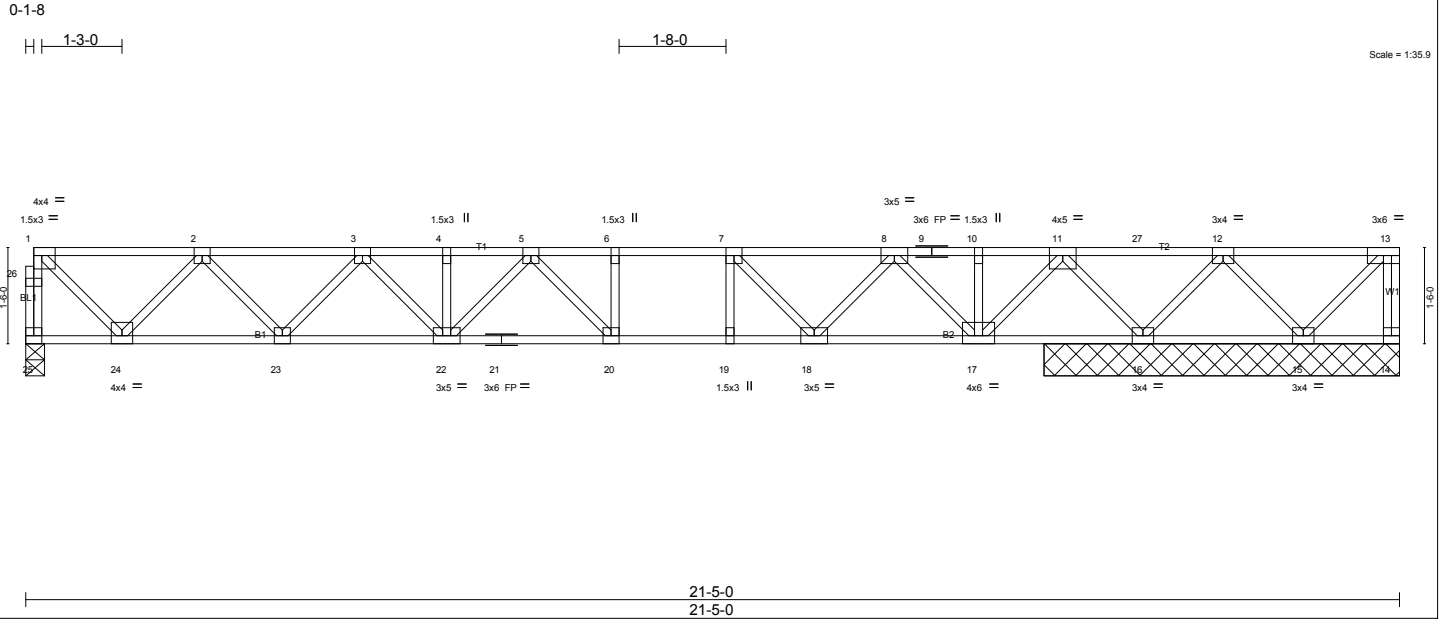


Plate Offsets (X,Y): [1:Edge,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.95	Vert(LL) -0.22 20-22 >958 360	MT20	244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.79	Vert(TL) -0.34 20-22 >614 240		
BCLL 0.0	Rep Stress Incr YES	WB 0.59	Horz(TL) 0.03 16 n/a n/a		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)			
				Weight: 118 lb	FT = 11%F, 11%E

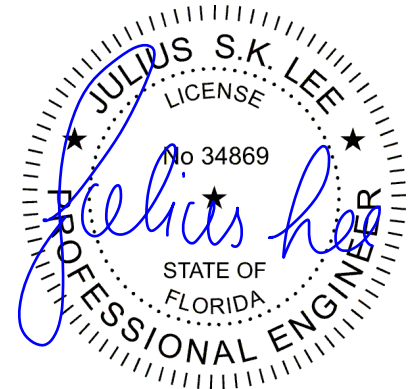
LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2(flat) *Except*	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
WEBS 2x4 SPp No.3(flat)	6-0-0 oc bracing: 16-17,15-16.

REACTIONS (lb/size) 25=823/0-3-8 (min. 0-1-8), 14=-186/5-6-8 (min. 0-1-8), 15=-225/5-6-8 (min. 0-1-8), 16=1911/5-6-8 (min. 0-1-8)
Max Uplift 14=-186(LC 1), 15=-225(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 25-26=-819/0, 1-26=-819/0, 1-2=-722/0, 2-3=-1711/0, 3-4=-2239/0, 4-5=-2239/0, 5-6=-2027/0, 6-7=-2027/0, 7-8=-1389/0, 11-27=0/1540, 12-27=0/1540, 12-13=0/295
BOT CHORD 23-24=0/1350, 22-23=0/2063, 21-22=0/2262, 20-21=0/2262, 19-20=0/2027, 18-19=0/2027, 17-18=0/887, 16-17=-592/0, 15-16=-780/0
WEBS 13-15=-417/0, 1-24=0/991, 12-15=0/722, 2-24=-934/0, 12-16=-1129/0, 2-23=0/536, 11-16=-1408/0, 3-23=-523/0, 11-17=0/1167, 3-22=0/256, 8-17=-975/0, 8-18=0/746, 5-20=-434/65, 7-18=-924/0, 7-19=0/341

- NOTES** (9-11)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All plates are 3x3 MT20 unless otherwise indicated.
 - 4) Bearings are assumed to be: Joint 25 SYP No.2.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 186 lb uplift at joint 14 and 225 lb uplift at joint 15.
 - 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.
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 10) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



March 15, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE.
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Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Job 410547	Truss F22	Truss Type FLOOR	Qty 4	Ply 1	Job Reference (optional) 15336197
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Builders FirstSource, Jacksonville, FL 32244 7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:24 2012 Page 1
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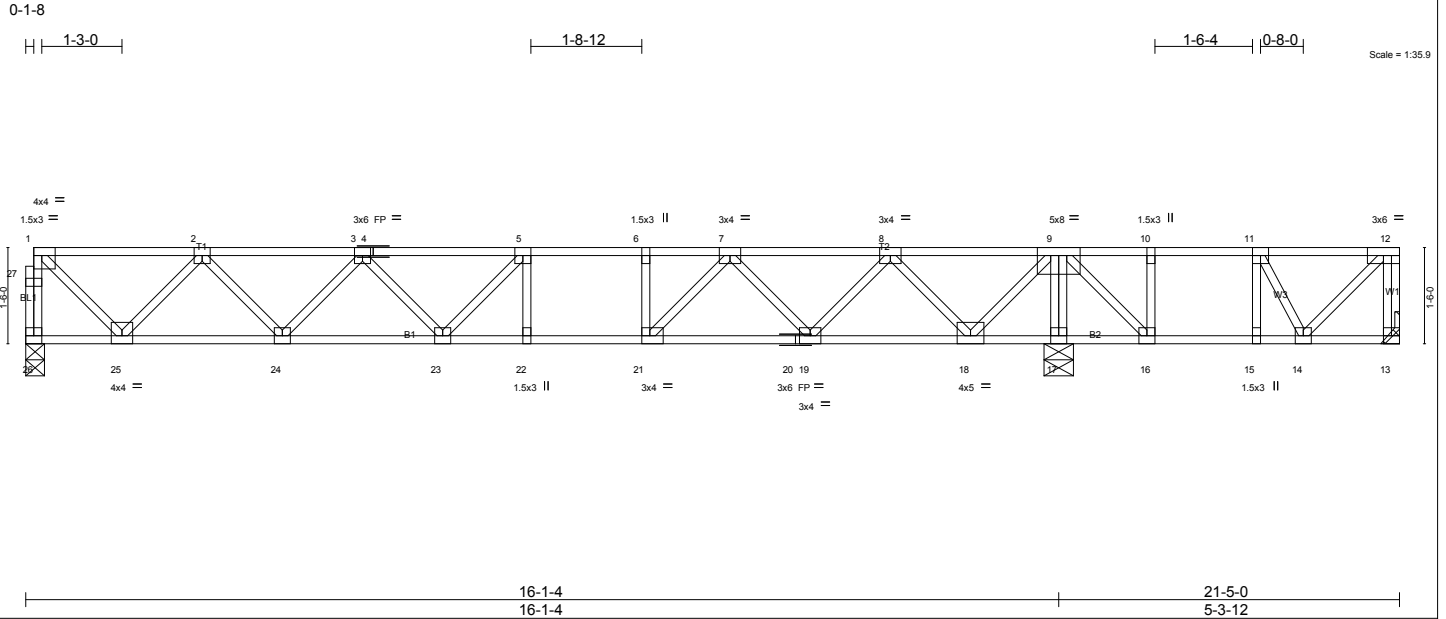


Plate Offsets (X,Y): [1:Edge,0-1-8], [21:0-1-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.77	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.66	Vert(LL) -0.15 22-23 >999 360		
BCLL 0.0	Lumber Increase 1.00	WB 0.57	Vert(TL) -0.23 22-23 >845 240		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.03 17 n/a n/a		
	Code FBC2010/TPI2007			Weight: 118 lb	FT = 11%F, 11%E

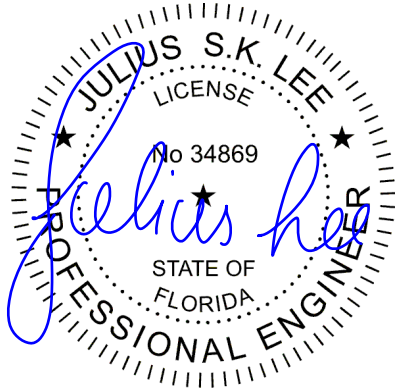
LUMBER
TOP CHORD 2x4 SPp No.2(flat)
BOT CHORD 2x4 SYP M 31(flat) *Except*
 B2: 2x4 SPp No.2(flat)
WEBS 2x4 SPp No.3(flat)

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) 26=843/0-3-8 (min. 0-1-8), 13=593/Mechanical, 17=1286/0-5-8 (min. 0-1-8)
Max Grav 26=847(LC 10), 13=677(LC 4), 17=1291(LC 9)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 26-27=-842/0, 1-27=-842/0, 12-13=-674/0, 1-2=-742/0, 2-3=-1789/0, 3-4=-2301/0, 4-5=-2301/0,
5-6=-2358/0, 6-7=-2358/0, 7-8=-1618/0, 8-9=-509/0
BOT CHORD 24-25=0/1392, 23-24=0/2168, 22-23=0/2358, 21-22=0/2358, 20-21=0/2048, 19-20=0/2048,
18-19=0/1194, 17-18=-434/0, 16-17=-434/0
WEBS 9-17=-1335/0, 1-25=0/1020, 9-18=0/1130, 2-25=-966/0, 8-18=-1031/0, 2-24=0/590, 8-19=0/650,
3-24=-564/0, 7-19=-662/0, 3-23=0/287, 7-21=0/600, 5-23=-307/122, 6-21=-252/0, 12-14=-94/253,
9-16=0/533

NOTES (8-11)
1) Unbalanced floor live loads have been considered for this design.
2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
3) All plates are 3x3 MT20 unless otherwise indicated.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Note: Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
11) Use Simpson HHUS48 to attach Truss to Carrying member



LOAD CASE(S) Standard
1) Floor: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-26=-10, 1-12=-100
Concentrated Loads (lb)
Vert: 12=400

March 15, 2012

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.</p>	<p>Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435</p>
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Job 410547	Truss F22A	Truss Type FLOOR	Qty 3	Ply 1	Job Reference (optional) 15336198
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Builders FirstSource, Jacksonville, FL 32244

7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:25 2012 Page 1
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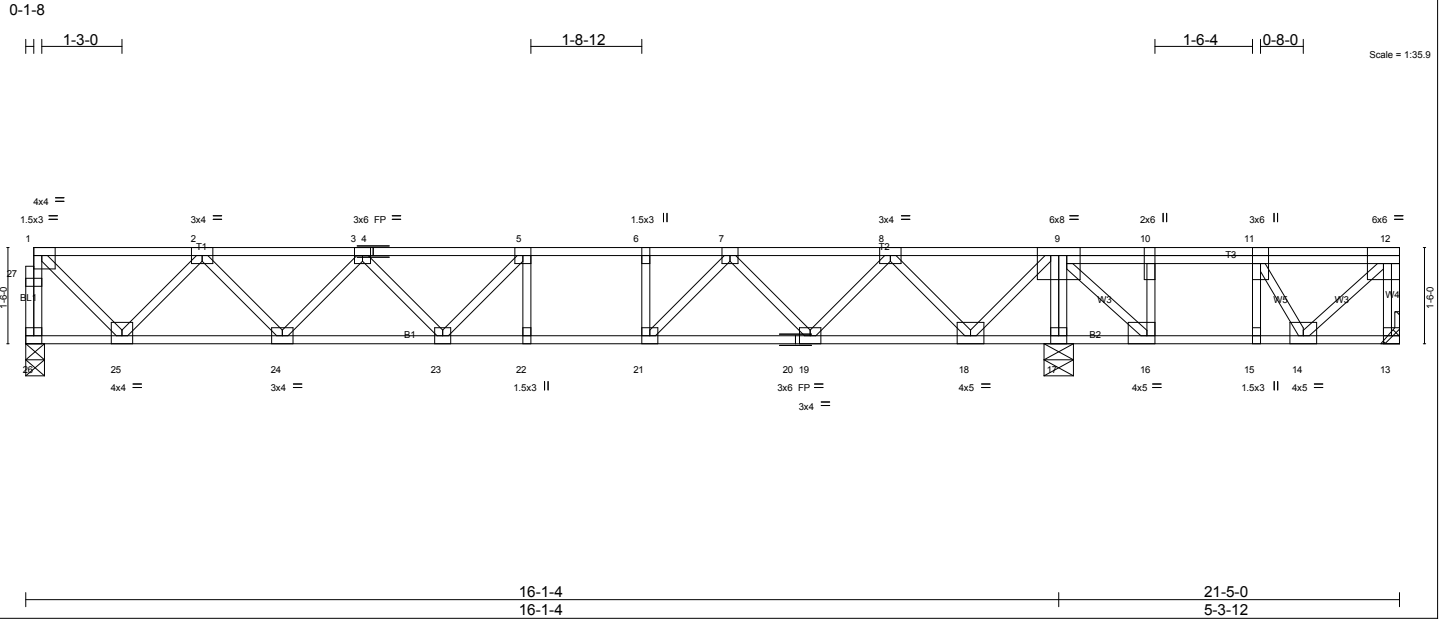


Plate Offsets (X,Y): [1:Edge,0-1-8], [10:0-3-0,Edge], [16:0-1-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.76	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.54	Vert(LL) -0.15 22-23 >999 360		
BCLL 0.0	Lumber Increase 1.00	WB 0.62	Vert(TL) -0.23 22-23 >851 240		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.03 13 n/a n/a		
	Code FBC2010/TPI2007			Weight: 125 lb	FT = 11%F, 11%E

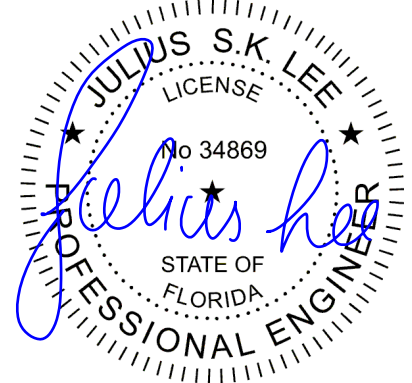
LUMBER	BRACING
TOP CHORD 2x4 SPp No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SYP M 31(flat)	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SPp No.3(flat)	

REACTIONS (lb/size) 26=840/0-3-8 (min. 0-1-8), 13=541/Mechanical, 17=1541/0-5-8 (min. 0-1-8)
Max Grav 26=843(LC 10), 13=677(LC 4), 17=1541(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 26-27=-838/0, 1-27=-837/0, 12-13=-678/0, 1-2=-738/0, 2-3=-1776/0, 3-4=-2280/0, 4-5=-2280/0, 5-6=-2330/0, 6-7=-2330/0, 7-8=-1576/0, 8-9=-489/0, 9-10=-764/180, 10-11=-764/180, 11-12=-545/74
BOT CHORD 24-25=0/1384, 23-24=0/2152, 22-23=0/2330, 21-22=0/2330, 20-21=0/2013, 19-20=0/2013, 18-19=0/1148, 17-18=-724/121, 16-17=-586/192, 15-16=-180/764, 14-15=-180/764
WEBS 9-17=-1605/0, 1-25=0/1013, 9-18=0/1221, 2-25=-960/0, 8-18=-1043/0, 2-24=0/584, 8-19=0/670, 3-24=-559/0, 7-19=-691/0, 3-23=0/283, 7-21=0/578, 5-23=-300/95, 12-14=-102/753, 9-16=0/1071, 11-14=-451/218, 10-16=-566/0, 11-15=-275/0

- NOTES** (8-11)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All plates are 3x3 MT20 unless otherwise indicated.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
 - 5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 7) CAUTION, Do not erect truss backwards.
 - 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 9) Note: Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
 - 10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - 11) Use Simpson HHUS48 to attach Truss to Carrying member

LOAD CASE(S) Standard
1) Floor: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-26=-10, 1-12=-100
Concentrated Loads (lb)
Vert: 11=600



March 15, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE.
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Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Job 410547	Truss F23	Truss Type FLOOR	Qty 2	Ply 1	Job Reference (optional)	15336199
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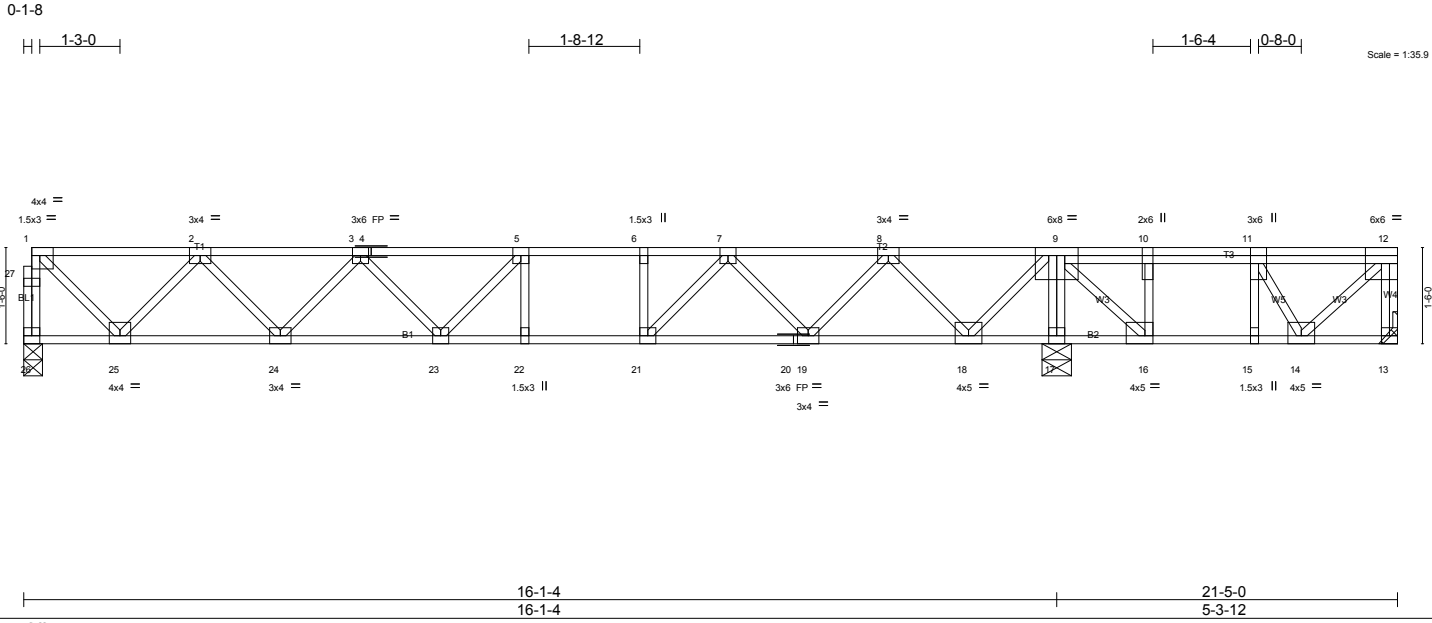


Plate Offsets (X,Y): [1:Edge,0-1-8], [10:0-3-0,Edge], [16:0-1-8,Edge]					
LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.76	Vert(LL) -0.15 22-23 >999 360	MT20	244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.52	Vert(TL) -0.22 22-23 >854 240		
BCLL 0.0	Rep Stress Incr NO	WB 0.67	Horz(TL) 0.04 13 n/a n/a		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)			
				Weight: 125 lb	FT = 11%F, 11%E

LUMBER
 TOP CHORD 2x4 SPP No.2(flat)
 BOT CHORD 2x4 SYP M 31(flat)
 WEBS 2x4 SPP No.3(flat)

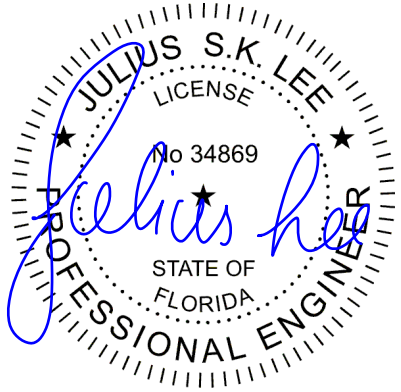
BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 26=860/0-3-8 (min. 0-1-8), 13=998/Mechanical, 17=1620/0-5-8 (min. 0-1-8)
 Max Grav 26=863(LC 10), 13=1134(LC 4), 17=1620(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 26-27=-858/0, 1-27=-857/0, 12-13=-1137/0, 1-2=-758/0, 2-3=-1833/0, 3-4=-2374/0, 4-5=-2374/0, 5-6=-2457/0, 6-7=-2457/0, 7-8=-1756/0, 8-9=-707/0, 9-10=-1192/63, 10-11=-1192/63, 11-12=-846/0
 BOT CHORD 24-25=0/1423, 23-24=0/2225, 22-23=0/2457, 21-22=0/2457, 20-21=0/2170, 19-20=0/2170, 18-19=0/1345, 17-18=-659/361, 16-17=-518/442, 15-16=-63/1192, 14-15=-63/1192
 WEBS 9-17=-1713/0, 1-25=0/1041, 9-18=0/1213, 2-25=-988/0, 8-18=-1034/0, 2-24=0/610, 8-19=0/663, 3-24=-583/0, 7-19=-682/0, 3-23=0/313, 7-21=0/533, 5-23=-347/47, 12-14=0/1169, 9-16=0/1323, 11-14=-713/146, 10-16=-680/0, 11-15=-370/0

- NOTES** (8-11)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 3) All plates are 3x3 MT20 unless otherwise indicated.
 - 4) All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
 - 5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 7) CAUTION, Do not erect truss backwards.
 - 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 9) Note: Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
 - 10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - 11) Use Simpson HHUS48 to attach Truss to Carrying member

LOAD CASE(S) Standard
 1) Floor: Lumber Increase=1.00, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 13-26=-10, 1-11=-100, 11-12=-250
 Concentrated Loads (lb)
 Vert: 11=-840



March 15, 2012

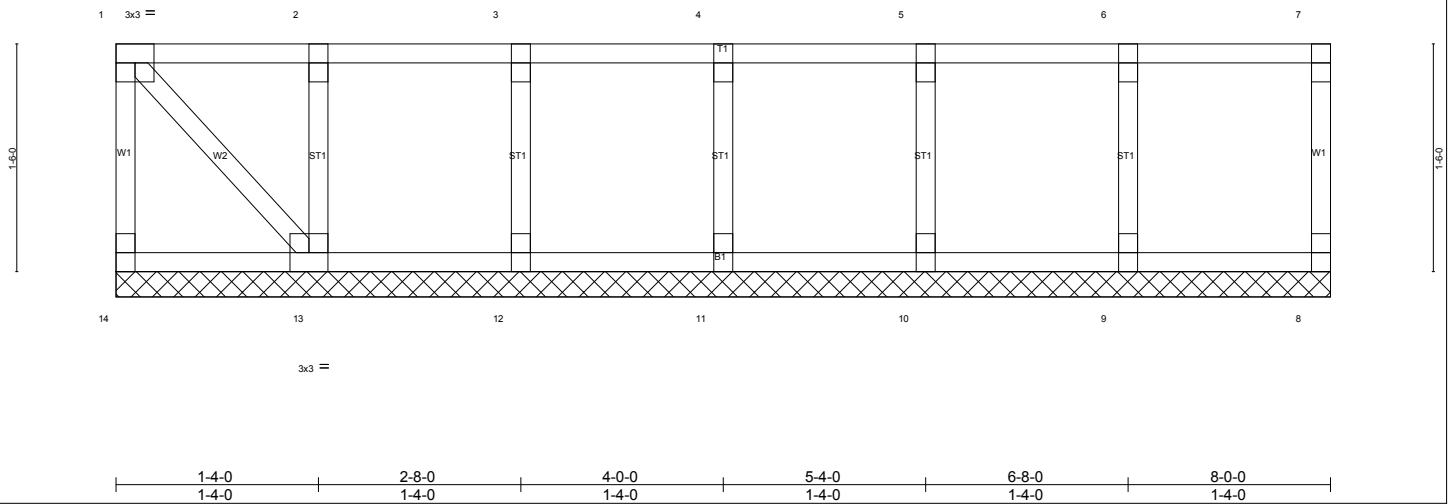
Job 410547	Truss FKW	Truss Type GABLE	Qty 3	Ply 1	15336200
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Builders FirstSource, Jacksonville, FL 32244

7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:27 2012 Page 1

ID:ZJnLyLT2_d_WB?NgG68hKzaz58-J0jNRuxzOJ9feXze3LJAL8IFby9?ZjQwdQdsoqzag7s

Scale = 1:15.2



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.11	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.01	Vert(LL) n/a - n/a 999		
BCLL 0.0	Lumber Increase 1.00	WB 0.05	Vert(TL) n/a - n/a 999		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) -0.00 13 n/a n/a		
	Code FBC2010/TPI2007			Weight: 39 lb	FT = 11%F, 11%E

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

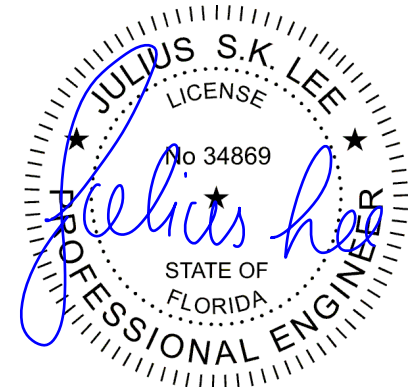
BRACING
TOP CHORD Structural wood sheathing directly applied or 8-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS All bearings 8-0-0.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 14, 8, 13, 12, 11, 10, 9

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

- NOTES** (9-11)
- 1) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 2) All plates are 1.5x3 MT20 unless otherwise indicated.
 - 3) Gable requires continuous bottom web bearing.
 - 4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - 5) Gable studs spaced at 1-4-0 oc.
 - 6) All bearings are assumed to be SYP No.2 crushing capacity of 565 psi.
 - 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 8) 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.
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 10) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



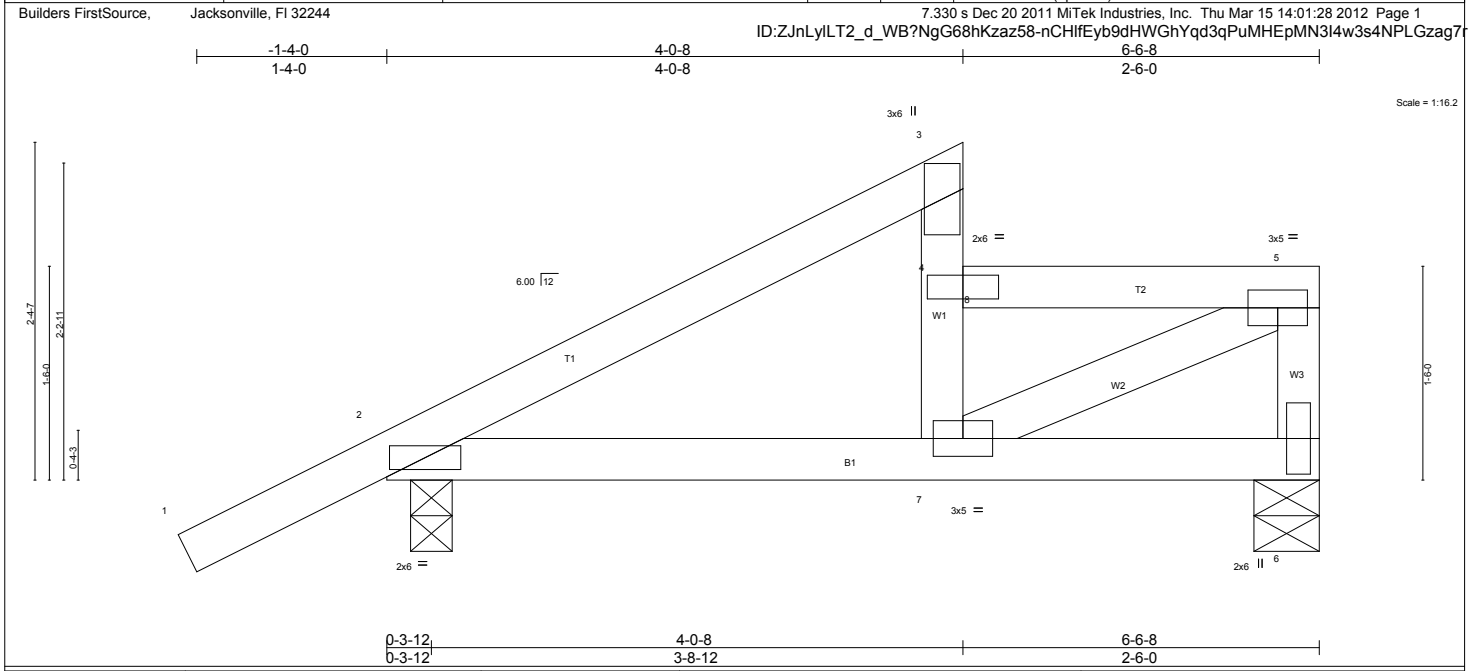
March 15, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Job 410547	Truss T22	Truss Type SPECIAL	Qty 9	Ply 1	Job Reference (optional) 5336201
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7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:28 2012 Page 1
 ID:ZJnLyLT2_d_WB?NgG68hKzaz58-nCHfEyb9dHWGhYqd3qPumHEpMN3l4w3s4NPLGzag7



LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 * BCDL 5.0	SPACING Plates Increase 1.00 Lumber Increase 1.00 Rep Stress Incr YES Code FBC2010/TPI2007	CSI TC 0.84 BC 0.53 WB 0.41 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.03 2-7 >999 360 Vert(TL) -0.05 2-7 >999 240 Horz(TL) 0.00 6 n/a n/a Wind(LL) 0.05 2-7 >999 240	PLATES MT20 Weight: 30 lb	GRIP 244/190 FT = 20%
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LUMBER
 TOP CHORD 2x4 SPp No.2
 BOT CHORD 2x4 SPp No.2
 WEBS 2x4 SPp No.3 *Except*
 W1: 2x4 SPp No.2

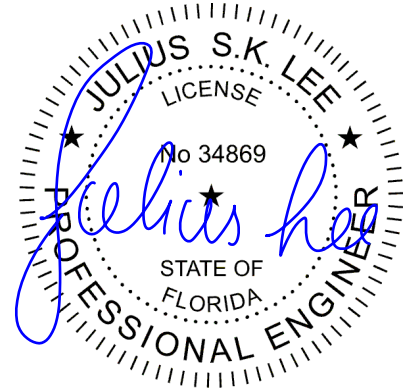
BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-6-15 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 7-10-14 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 6=480/0-5-8 (min. 0-1-8), 2=534/0-3-8 (min. 0-1-8)
 Max Horz 2=93(LC 12)
 Max Uplift 6=-171(LC 9), 2=-115(LC 9)
 Max Grav 6=586(LC 2), 2=656(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-668/479, 4-7=-372/212, 4-8=-854/769, 5-8=-854/769, 5-6=-579/482
 BOT CHORD 2-7=-513/564
 WEBS 5-7=-788/872

- NOTES** (12-14)
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; 130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCCL=3.0psf; h=28ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) -1-4-13 to 6-4-12 zone; cantilever left exposed; porch left and right exposed; 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 basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 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.
 - All bearings are assumed to be SPp No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 171 lb uplift at joint 6 and 115 lb uplift at joint 2.
 - *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) 424 lb down and 347 lb up at 4-2-12 on top chord. The design/selection of such connection device(s) is the responsibility of others.
 - Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
 - This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435



LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.00, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 1-3=-80, 4-5=-80, 2-6=-10

Continued on page 2

March 15, 2012

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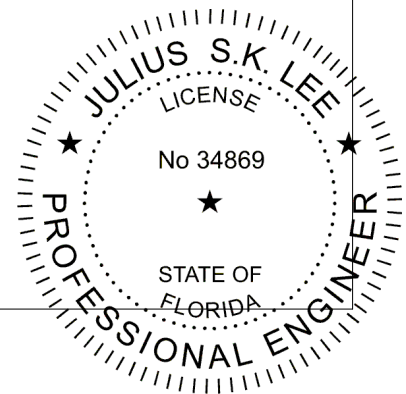
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 Boynton, FL 33435

Job 410547	Truss T22	Truss Type SPECIAL	Qty 9	Ply 1	15336201 Job Reference (optional)
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 ID:ZJnLyLT2_d_WB?NgG68hKzaz58-nCHfEyb9dHWGhYqd3qPuMHEpMN3I4w3s4NPLGzag7

LOAD CASE(S) Standard
 Concentrated Loads (lb)
 Vert: 8=-327

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March 15, 2012

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 Boynton, FL 33435

Job 410547	Truss T23G	Truss Type GABLE	Qty 1	Ply 1	5336202
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Builders FirstSource, Jacksonville, FL 32244
 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:29 2012 Page 1
 ID:ZJnLylLT2_d_WB?NgG68hKzaz58-FOq7sazDwwPNtr61BmLeQzqVBmiK1XKD4j6ytizag7c

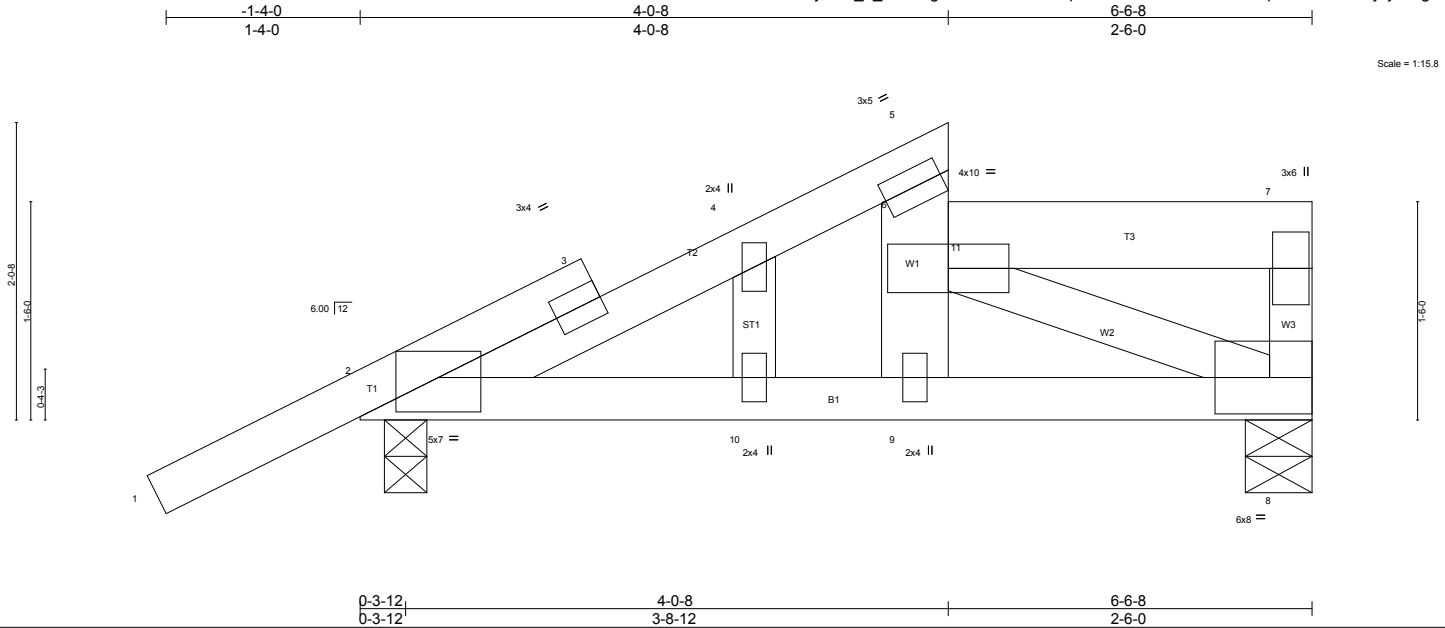


Plate Offsets (X,Y): [2:0-3-8,0-2-13], [5:0-0-6,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.48	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plates Increase 1.00	BC 0.59	Vert(LL) -0.03 10 >999 360		
BCLL 0.0 *	Lumber Increase 1.00	WB 0.40	Vert(TL) -0.04 10 >999 240		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.01 8 n/a n/a		
	Code FBC2010/TPI2007		Wind(LL) 0.04 10 >999 240	Weight: 35 lb	FT = 20%

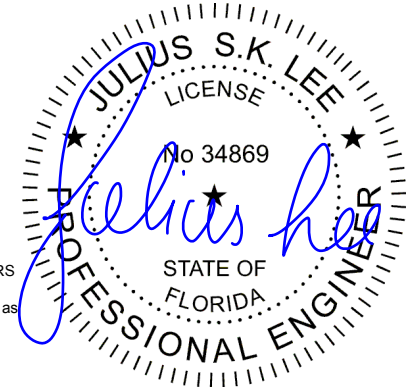
LUMBER	BRACING
TOP CHORD 2x4 SPp No.2 *Except* T3: 2x6 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 5-0-2 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2	BOT CHORD Rigid ceiling directly applied or 5-7-7 oc bracing.
WEBS 2x4 SPp No.3 *Except* W1: 2x6 SYP No.2	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.
OTHERS 2x4 SPp No.3	

REACTIONS (lb/size) 8=849/0-5-8 (min. 0-1-8), 2=630/0-3-8 (min. 0-1-8)
 Max Horz 2=106(LC 12)
 Max Uplift 8=-399(LC 9), 2=-203(LC 9)
 Max Grav 8=1037(LC 2), 2=773(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1097/859, 3-4=-1052/863, 4-5=-1063/873, 5-6=-261/307, 7-8=-535/413
 BOT CHORD 2-10=-868/1006, 9-10=-868/1006, 8-9=-1095/1268
 WEBS 6-8=-1261/1086

- NOTES** (14-16)
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; 130mph (3-second gust) Vasd=101mph; TCdL=4.2psf; BCdL=3.0psf; h=28ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-4-13 to 6-4-12 zone; cantilever left exposed ; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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.
 - This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - Provide adequate drainage to prevent water ponding.
 - Gable studs spaced at 1-4-0 oc.
 - 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.
 - All bearings are assumed to be SPp No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 399 lb uplift at joint 8 and 203 lb uplift at joint 2.
 - "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) 424 lb down and 347 lb up at 4-2-12 on top chord. The design/selection of such connection device(s) is the responsibility of others.
 - Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
 - This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
 Continued on page 2



March 15, 2012

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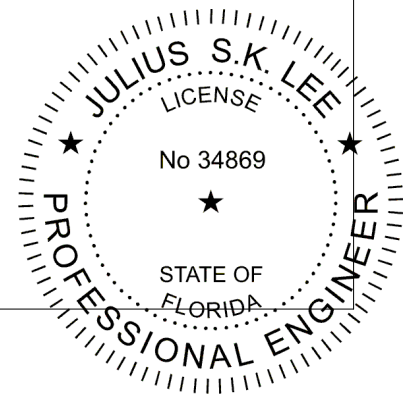
Job	Truss	Truss Type	Qty	Ply	
410547	T23G	GABLE	1	1	15336202

7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:29 2012 Page 2
 ID:ZJnLylLT2_d_WB?NgG68hKzaz58-FOq7sazDwwPNtr61BmLeQZqVBmiK1XKD4j6ytizag7d

Builders FirstSource, Jacksonville, FL 32244

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.00, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 1-5=-80, 6-7=-260, 2-8=-10
 Concentrated Loads (lb)
 Vert: 11=-327

Julius Lee



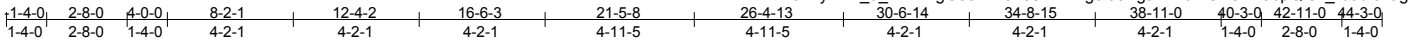
March 15, 2012

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Job	Truss	Truss Type	Qty	Ply	15336203
410547	T24	HIP	1	2	

Builders FirstSource, Jacksonville, FL 32244 7:330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:41 2012 Page 1
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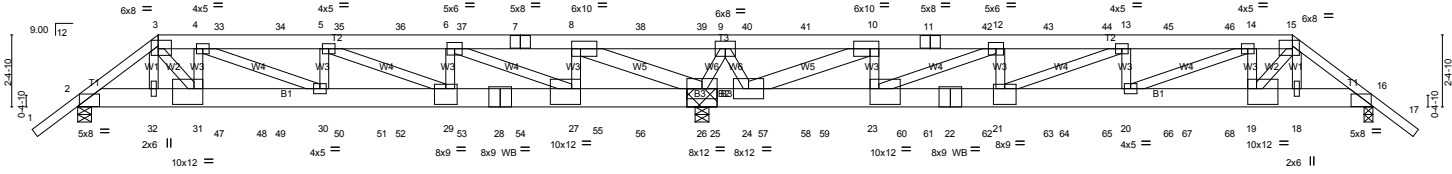


Plate Offsets (X, Y): [2:0-4-0,0-1-6], [3:0-5-4,0-2-4], [8:0-3-8,0-3-0], [10:0-3-8,0-3-0], [15:0-5-4,0-2-4], [16:0-4-0,0-1-6], [19:0-3-8,0-6-4], [21:0-4-8,0-6-4], [23:0-3-8,0-6-4], [27:0-3-8,0-6-4], [29:0-4-8,0-6-4], [31:0-3-8,0-6-4]

LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 * BCDL 5.0	SPACING Plates Increase 1.00 Lumber Increase 1.00 Rep Stress Incr NO Code FBC2010/TPI2007	CSI TC 0.55 BC 0.51 WB 0.87 (Matrix)	DEFLL in (loc) l/defl L/d Vert(LL) -0.16 29-30 >999 360 Vert(TL) -0.28 29-30 >866 240 Horz(TL) 0.07 16 n/a n/a Wind(LL) 0.06 20 >999 240	PLATES MT20 GRIP 244/190 Weight: 656 lb FT = 20%
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------	---------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------

LUMBER
 TOP CHORD 2x4 SPP No.2 *Except*
 T2: 2x6 SYP No.2, T3: 2x6 SYP SS
 BOT CHORD 2x8 SYP DSS
 WEBS 2x4 SPP No.2 *Except*
 W1,W6: 2x4 SPP No.3, W5: 2x6 SYP SS

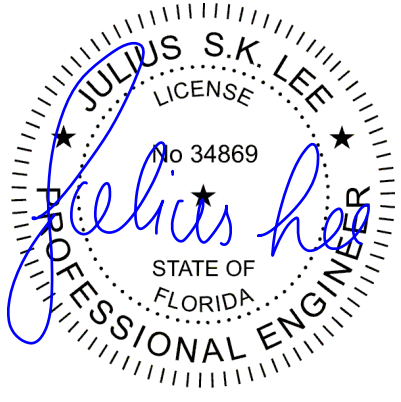
BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-7-1 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 26-27,24-26.

REACTIONS (lb/size) 2=4351/0-5-8 (min. 0-2-9), 26=9987/(0-5-8 + bearing block) (req. 0-5-14), 16=2923/0-3-8 (min. 0-1-12)
 Max Horz 2=-39(LC 6)
 Max Uplift 2=-741(LC 8), 26=-1416(LC 5), 16=-898(LC 4)
 Max Grav 2=4352(LC 19), 26=9987(LC 1), 16=2924(LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-6400/1076, 3-4=-8100/1283, 4-33=-9357/1173, 33-34=-9357/1173, 5-34=-9357/1173,
 5-35=-7469/776, 35-36=-7469/776, 6-36=-7469/776, 6-37=-1459/742, 7-37=-1459/742,
 7-8=-1459/742, 8-38=-1421/9270, 38-39=-1421/9270, 9-39=-1421/9270, 9-40=-931/6716,
 40-41=-931/6716, 10-41=-931/6716, 10-11=-876/423, 11-42=-876/423, 12-42=-876/423,
 12-43=-4740/1252, 43-44=-4740/1252, 13-44=-4740/1252, 13-45=-6064/1700, 45-46=-6064/1700,
 14-46=-6064/1700, 14-15=-5350/1665, 15-16=-4285/1369
 BOT CHORD 2-32=-837/5040, 31-32=-837/5076, 31-47=-1250/8101, 47-48=-1250/8101, 48-49=-1250/8101,
 30-49=-1250/8101, 30-50=-1153/9357, 50-51=-1153/9357, 51-52=-1153/9357, 29-52=-1153/9357,
 29-53=-782/7469, 28-53=-782/7469, 28-54=-782/7469, 54-55=-782/7469, 27-55=-782/7469,
 27-56=-719/1459, 26-56=-719/1459, 25-26=-7899/1168, 24-25=-7899/1168, 24-27=-386/906,
 57-58=-386/906, 58-59=-386/906, 23-59=-386/906, 23-60=-1209/4740, 60-61=-1209/4740,
 22-61=-1209/4740, 22-62=-1209/4740, 21-62=-1209/4740, 21-63=-1651/6064, 63-64=-1651/6064,
 64-65=-1651/6064, 20-65=-1651/6064, 20-66=-1614/5350, 66-67=-1614/5350, 67-68=-1614/5350,
 19-68=-1614/5350, 18-19=-1063/3410, 16-18=-1061/3389
 WEBS 3-32=-573/38, 3-31=-725/5229, 4-31=-1110/223, 4-30=-499/2531, 5-30=-125/623, 5-29=-2405/595,
 6-29=-257/2748, 6-27=-7034/948, 8-27=-348/4472, 8-26=-11275/1245, 9-26=-3571/751,
 9-24=-532/3082, 10-24=-8095/1463, 10-23=-446/3134, 12-23=-4436/907, 12-21=-236/1615,
 13-21=-1697/491, 13-20=-46/359, 14-20=-532/1414, 14-19=-644/338, 15-19=-961/3357,
 15-18=-310/41

NOTES (15-17)
 1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
 Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-5-0 oc.
 Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 4-31 2x4 - 2 rows staggered at 0-2-0 oc, member 6-29 2x4 - 1 row at 0-4-0 oc, member 8-27 2x4 - 1 row at 0-4-0 oc, member 14-19 2x4 - 1 row at 0-4-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 3) 2x8 SYP DSS bearing block 12" long at jt. 26 attached to each face with 4 rows of 10d (0.131"x3") nails spaced 3" o.c. 16 Total fasteners per block.

Continued on page 2



March 15, 2012

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, D58-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.</p>	<p>Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435</p>
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Job 410547	Truss T24	Truss Type HIP	Qty 1	Ply 2	Job Reference (optional) 15336203
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Builders FirstSource, Jacksonville, FL 32244

7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:41 2012 Page 2

ID:ZJnLyLT2_d_WB?NgG68hKzaz58-viZfNg6l5cwGh1KulZSws5KX9bpQrs?_rb0bl0zag7e

NOTES (15-17)

- 4) Unbalanced roof live loads have been considered for this design.
- 5) Wind: ASCE 7-10; 130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=28ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope); porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 6) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
- 7) Provide adequate drainage to prevent water ponding.
- 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) All bearings are assumed to be SPp No.2 crushing capacity of 565 psi.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 741 lb uplift at joint 2, 1416 lb uplift at joint 26 and 898 lb uplift at joint 16.
- 12) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 149 lb up at 2-8-0, 64 lb up at 4-8-12, 64 lb up at 6-8-12, 64 lb up at 8-8-12, 64 lb up at 10-8-12, 64 lb up at 12-8-12, 64 lb up at 14-8-12, 64 lb up at 16-8-12, 64 lb up at 18-8-12, 64 lb up at 20-8-12, 64 lb up at 22-2-4, 64 lb up at 24-2-4, 64 lb up at 26-2-4, 64 lb up at 28-2-4, 64 lb up at 30-2-4, 64 lb up at 32-2-4, 64 lb up at 34-2-4, 64 lb up at 36-2-4, and 64 lb up at 38-2-4, and 149 lb up at 40-3-0 on top chord, and 18 lb down and 52 lb up at 2-8-0, 3427 lb down and 576 lb up at 4-1-8, 7 lb down and 25 lb up at 4-8-12, 1265 lb down at 6-1-12, 7 lb down and 25 lb up at 6-8-12, 7 lb down and 25 lb up at 8-8-12, 1149 lb down at 10-1-12, 7 lb down and 25 lb up at 10-8-12, 1149 lb down at 12-1-12, 7 lb down and 25 lb up at 12-8-12, 1149 lb down at 14-1-12, 7 lb down and 25 lb up at 14-8-12, 1149 lb down at 16-1-12, 7 lb down and 25 lb up at 16-8-12, 7 lb down and 25 lb up at 18-8-12, 1265 lb down at 18-9-12, 7 lb down and 3 lb up at 20-8-12, 62 lb up at 20-9-4, 7 lb down and 25 lb up at 22-2-4, 667 lb down at 22-9-4, 7 lb down and 25 lb up at 24-2-4, 667 lb down at 24-9-4, 7 lb down and 25 lb up at 26-2-4, 667 lb down at 26-9-4, 7 lb down and 25 lb up at 28-2-4, 667 lb down at 28-9-4, 7 lb down and 25 lb up at 30-2-4, 667 lb down at 30-9-4, 7 lb down and 25 lb up at 32-2-4, 667 lb down at 32-9-4, 7 lb down and 25 lb up at 34-2-4, 7 lb down and 25 lb up at 36-2-4, 667 lb down at 36-9-4, 7 lb down and 25 lb up at 38-2-4, and 18 lb down and 52 lb up at 40-2-4, and 2274 lb down and 639 lb up at 38-10-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 14) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
- 15) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 16) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
- 17) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.00, Plate Increase=1.00

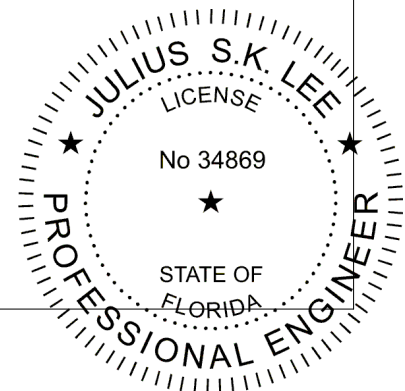
Uniform Loads (plf)

Vert: 1-3=-80, 3-15=-80, 15-17=-80, 2-16=-10

Concentrated Loads (lb)

Vert: 3=98(B) 7=48(B) 15=98(B) 28=938(F) 32=-6(B) 31=-2809(F) 29=-938(F) 27=-2(B) 8=48(B) 26=60(B=-2) 24=-2(B) 10=48(B) 23=-2(B) 21=-538(F) 19=-1861(F) 18=-6(B) 11=48(B) 22=-538(F) 33=48(B) 34=48(B) 35=48(B) 36=48(B) 37=48(B) 38=48(B) 39=48(B) 40=48(B) 41=48(B) 42=48(B) 43=48(B) 44=48(B) 45=48(B) 46=48(B) 47=-2(B) 48=-1033(F) 49=-2(B) 50=-2(B) 51=-938(F) 52=-2(B) 53=-2(B) 54=-2(B) 55=-938(F) 56=-1036(F=-1033, B=-2) 57=-535(F) 58=-2(B) 59=-535(F) 60=-538(F) 61=-2(B) 62=-2(B) 63=-2(B) 64=-538(F) 65=-2(B) 66=-2(B) 67=-535(F) 68=-2(B)

Julius Lee



March 15, 2012

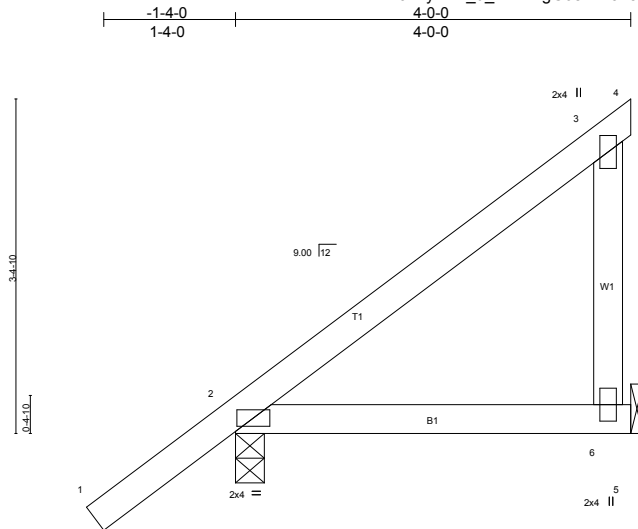
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Job 410547	Truss T25	Truss Type MONO TRUSS	Qty 15	Ply 1	Job Reference (optional) 15336204
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Builders FirstSource, Jacksonville, FL 32244 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:42 2012 Page 1
 ID:ZJnLyLT2_d_WB?NgG68hKzaz58-Nu71b07Nsw2XxqcXR?4hSjtmP?FMaWF74Fm8qSzag7d



LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 0.0 * BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2010/TPI2007	CSI TC 0.26 BC 0.15 WB 0.04 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) 0.03 2-6 >999 240 Vert(TL) -0.02 2-6 >999 180 Horz(TL) 0.00 n/a n/a	PLATES GRIP MT20 244/190 Weight: 20 lb FT = 20%
-------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------

LUMBER
 TOP CHORD 2x4 SPp No.2
 BOT CHORD 2x4 SPp No.2
 WEBS 2x4 SPp No.3

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.

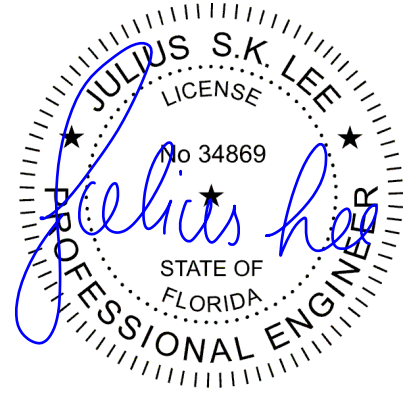
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=182/0-3-8 (min. 0-1-8), 6=89/Mechanical
 Max Horz 2=103(LC 12)
 Max Uplift 2=-29(LC 9), 6=-61(LC 9)
 Max Grav 2=219(LC 2), 6=103(LC 2)

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

- NOTES** (9-11)
- 1) Wind: ASCE 7-10; 130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=28ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 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) All bearings are assumed to be SPp No.2 crushing capacity of 565 psi.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 2 and 61 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.
 - 8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 10) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

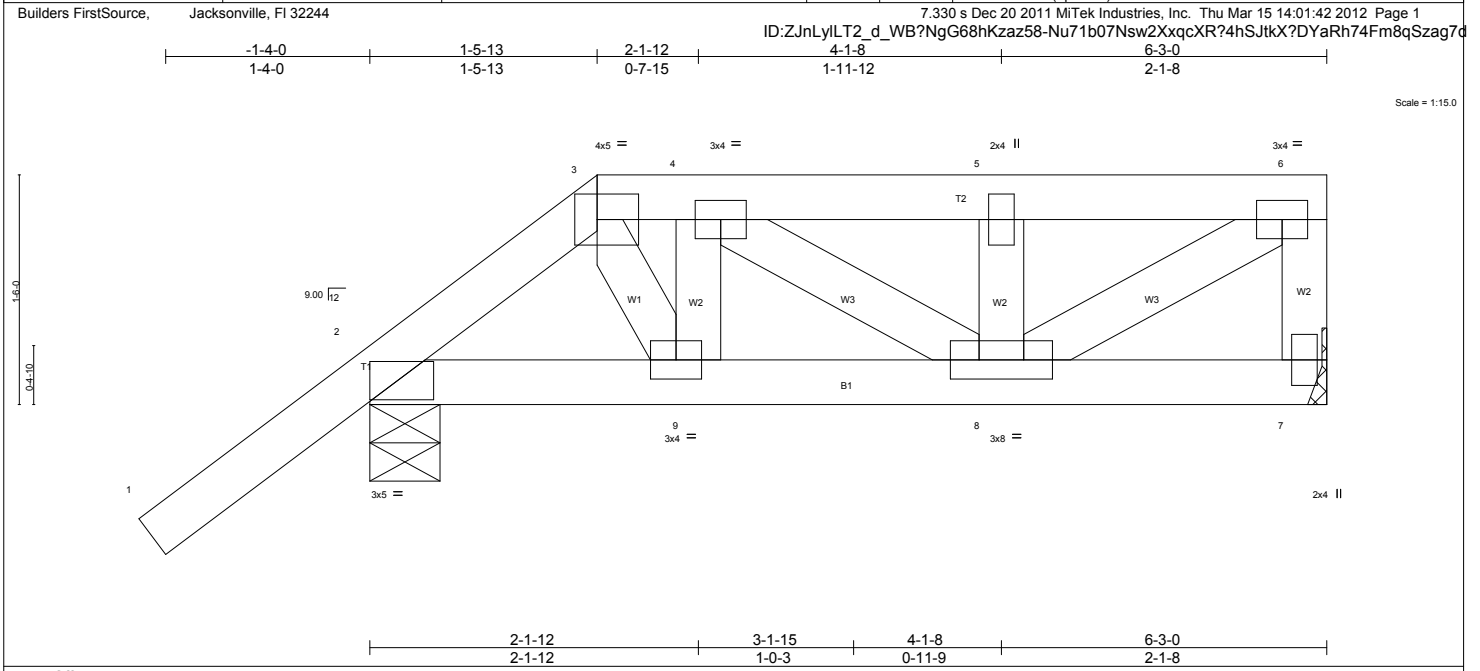
LOAD CASE(S) Standard



March 15, 2012

Job 410547	Truss T26	Truss Type SPECIAL	Qty 1	Ply 1	15336205
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Job Reference (optional)
7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:42 2012 Page 1
ID:ZJnLylLT2_d_WB?NgG68hKzaz58-Nu71b07Nsw2XxqcXR?4hSJtkX?DYaRh74Fm8qSzag7d



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.44	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.26	Vert(LL) -0.01 8-9 >999 360		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.33	Vert(TL) -0.02 8-9 >999 240		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)	Horz(TL) 0.00 7 n/a n/a		
			Wind(LL) 0.00 9 >999 240	Weight: 33 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SPp No.2
BOT CHORD 2x4 SPp No.2
WEBS 2x4 SPp 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.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

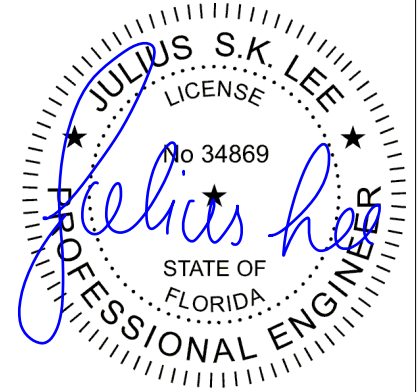
REACTIONS (lb/size) 7=359/Mechanical, 2=648/0-5-8 (min. 0-1-8)
Max Horz 2=54(LC 8)
Max Uplift 7=-55(LC 5), 2=-89(LC 8)
Max Grav 7=437(LC 2), 2=794(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-761/89, 3-4=-705/96, 4-5=-554/72, 5-6=-554/72, 6-7=-421/59
BOT CHORD 2-9=-69/467, 8-9=-96/703
WEBS 3-9=-63/487, 6-8=-84/649, 4-9=-410/70

- NOTES** (12-15)
- 1) Wind: ASCE 7-10; 130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BC DL=3.0psf; h=28ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 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) All bearings are assumed to be SPp No.2 crushing capacity of 565 psi.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 55 lb uplift at joint 7 and 89 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) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 92 lb up at 2-0-0, and 510 lb down and 58 lb up at 2-1-12 on top chord, and 6 lb down and 3 lb up at 2-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
 - 11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
 - 12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 13) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 14) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - 15) Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-3=-80, 3-6=-80, 2-7=-10

Continued on page 2



March 15, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

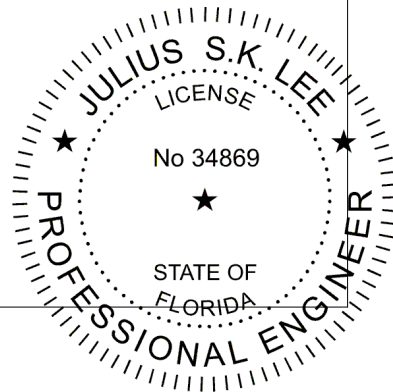
Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Job	Truss	Truss Type	Qty	Ply	
410547	T26	SPECIAL	1	1	15336205

7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:42 2012 Page 2
 ID:ZJnLylLT2_d_WB?NgG68hKzaz58-Nu71b07Nsw2XxqcXR?4hSJtkX?DYaRh74Fm8qSzag7d

Builders FirstSource, Jacksonville, FL 32244
LOAD CASE(S) Standard
 Concentrated Loads (lb)
 Vert: 9=-2(F) 4=-343(F=74)

Julius Lee



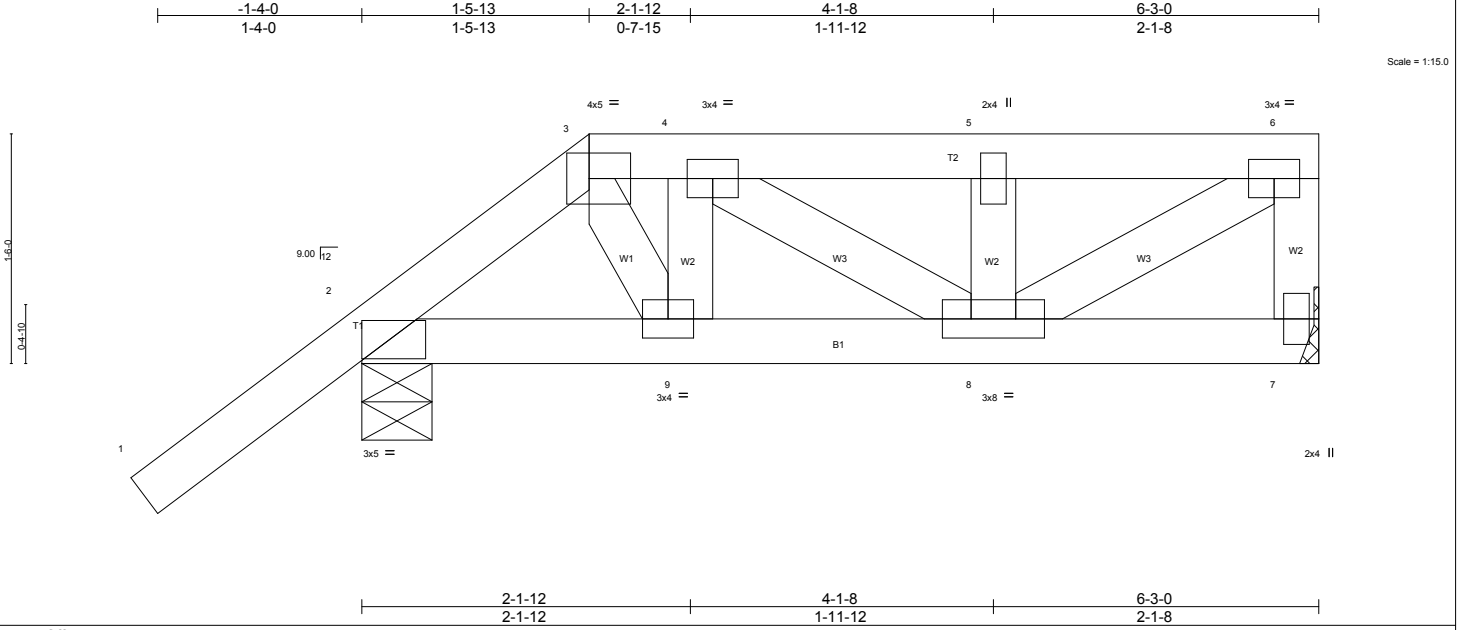
March 15, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Julius Lee
 1109 Coastal Bay Blvd.
 Boynton, FL 33435

Job 410547	Truss T27	Truss Type SPECIAL	Qty 6	Ply 1	15336206
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Builders FirstSource, Jacksonville, FL 32244
 7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:43 2012 Page 1
 ID:ZJnLylLT2_d_WB?NgG68hKzaz58-r5hQoM8?dEAOZ_Bj?ibw?WPvHPZHJtUHlVIMvzag7c



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.44	Vert(LL) -0.01 8-9 >999 360	MT20 244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.30	Vert(TL) -0.02 8-9 >999 240	
BCLL 0.0 *	Rep Stress Incr NO	WB 0.36	Horz(TL) 0.00 7 n/a n/a	
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)	Wind(LL) 0.01 8-9 >999 240	Weight: 33 lb FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SPp No.2	TOP CHORD Structural wood sheathing directly applied or 5-9-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 7=382/Mechanical, 2=696/0-5-8 (min. 0-1-8)
 Max Horz 2=54(LC 12)
 Max Uplift 7=-55(LC 9), 2=-81(LC 12)
 Max Grav 7=466(LC 2), 2=855(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-858/309, 3-4=-838/327, 4-5=-609/247, 5-6=-609/247, 6-7=-450/192
 BOT CHORD 2-9=-225/584, 8-9=-328/837
 WEBS 3-9=-221/544, 4-9=-464/209, 6-8=-290/714, 4-8=-267/94

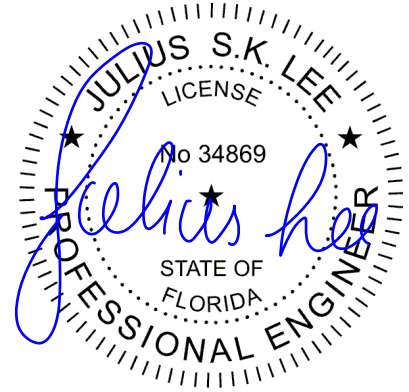
- NOTES** (11-14)
- 1) Wind: ASCE 7-10; 130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=28ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 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) All bearings are assumed to be SPp No.2 crushing capacity of 565 psi.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 55 lb uplift at joint 7 and 81 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) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 532 lb down and 206 lb up at 2-1-12 on top chord. The design/selection of such connection device(s) is the responsibility of others.
 - 10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
 - 11) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 12) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - 13) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - 14) Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)
 Vert: 1-3=-80, 3-6=-80, 2-7=-10

Concentrated Loads (lb)
 Vert: 4=-417



March 15, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Julius Lee
 1109 Coastal Bay Blvd.
 Boynton, FL 33435

Job 410547	Truss T28	Truss Type SPECIAL	Qty 1	Ply 2	15336207
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7,330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:44 2012 Page 1
 ID:ZJnLylLT2_d_WB?NgG68hKzaz58-JHEo0i8eNXIFA8mvZQ69Xky6Gpuc2HHQXZFFvLzag7b

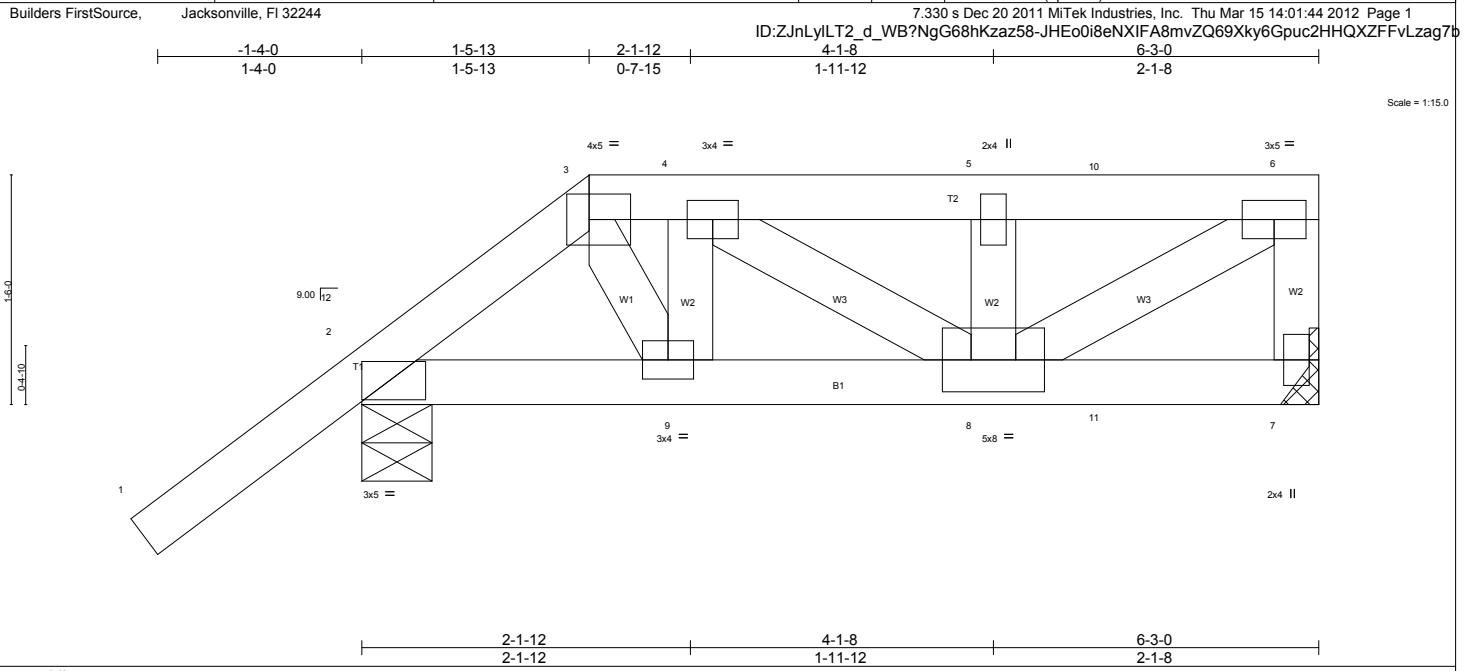


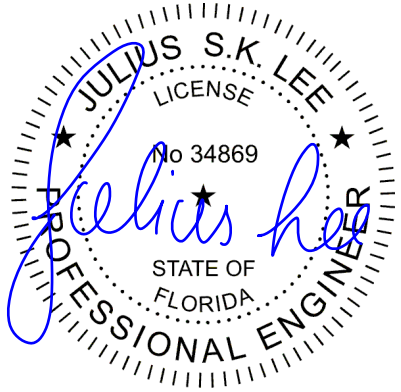
Plate Offsets (X,Y): [2:0-2-13,0-1-8], [3:0-3-4,0-2-0]					
LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.30	Vert(LL) -0.01 8-9 >999 360	MT20	244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.35	Vert(TL) -0.02 8-9 >999 240		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.52	Horz(TL) 0.01 7 n/a n/a		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)	Wind(LL) 0.01 8 >999 240		
				Weight: 67 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SPp No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPp No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3	

REACTIONS (lb/size) 7=1204/Mechanical, 2=1253/0-5-8 (min. 0-1-8)
 Max Horz 2=54(LC 8)
 Max Uplift 7=422(LC 5), 2=-226(LC 8)
 Max Grav 7=1463(LC 2), 2=1533(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1822/295, 3-4=-1867/308, 4-5=-1734/440, 5-10=-1734/440, 6-10=-1734/440, 6-7=-1414/424
 BOT CHORD 2-9=-219/1237, 8-9=-307/1866
 WEBS 3-9=-188/1294, 6-8=-516/2031, 4-9=-1118/163, 5-8=-968/402, 4-8=-438/0

- NOTES** (13-16)
- 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; 130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=28ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 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.
 - All bearings are assumed to be SPp No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 422 lb uplift at joint 7 and 226 lb uplift at joint 2.
 - "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) 194 lb down and 434 lb up at 4-11-0, and 942 lb down and 107 lb up at 2-1-12 on top chord, and 117 lb down at 4-11-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
 - This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 - Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
 - Use Simpson HHUS26-2 to attach Truss to Carrying member



LOAD CASE(S) Standard
 Continued on page 2

March 15, 2012

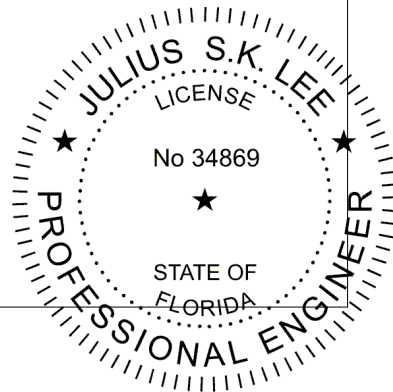
<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE. Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, D58-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.</p>	<p>Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435</p>
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Job 410547	Truss T28	Truss Type SPECIAL	Qty 1	Ply 2	Job Reference (optional) 15336207
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7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:44 2012 Page 2
 ID:ZJnLylLT2_d_WB?NgG68hKzaz58-JHEo0i8eNXIFA8mvZQ69Xky6Gpuc2HHQXZFFvLzag7b

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.00, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 1-3=-80, 3-4=-80, 4-6=-289, 2-7=-10
 Concentrated Loads (lb)
 Vert: 4=-771 10=-160(B) 11=-39(B)

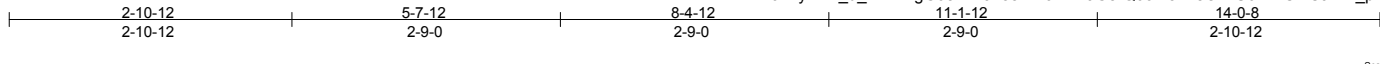
Julius Lee



March 15, 2012

Job 410547	Truss TG01	Truss Type SPECIAL	Qty 1	Ply 2	Job Reference (optional) 15336208
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Builders FirstSource, Jacksonville, FL 32244 7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:45 2012 Page 1
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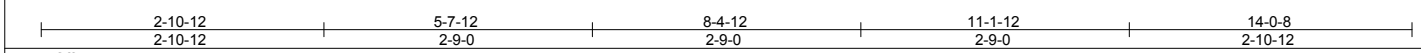
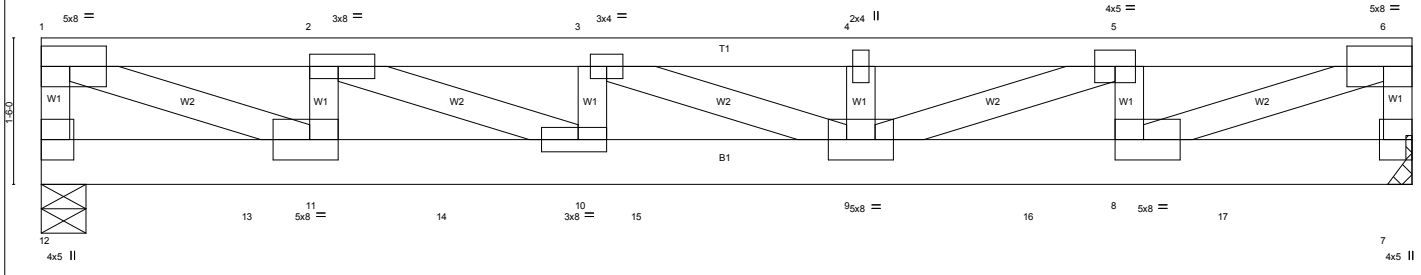


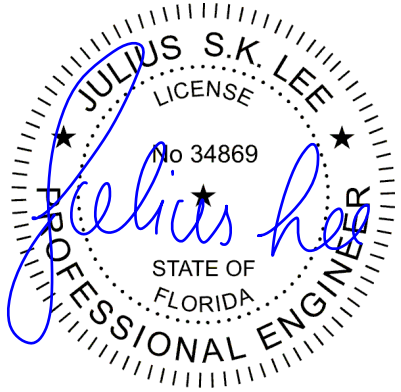
Plate Offsets (X,Y): [2-0-3-8,0-1-8], [7:Edge,0-3-8], [8-0-3-8,0-2-8], [10-0-3-8,0-1-8], [11-0-3-8,0-2-8]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.99	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.57	Vert(LL) -0.20 9-10 >807 360		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.86	Vert(TL) -0.33 9-10 >507 240		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)	Horz(TL) 0.03 7 n/a n/a		
			Wind(LL) 0.09 9-10 >999 240	Weight: 159 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SPp No.2	TOP CHORD Structural wood sheathing directly applied or 1-8-1 oc purlins, except end verticals.
BOT CHORD 2x6 SYP SS	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPp No.3 *Except* W2: 2x4 SPp No.2	

REACTIONS (lb/size)	12=2450/0-5-8 (min. 0-1-12), 7=2819/Mechanical
Max Uplift	12=503(LC 4), 7=566(LC 4)
Max Grav	12=2986(LC 2), 7=3437(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD
1-12=-2724/461, 1-2=-5690/1001, 2-3=-8594/1517, 3-4=-8369/1483, 4-5=-8369/1483, 5-6=-5739/1019, 6-7=-3173/516
BOT CHORD
12-13=-54/328, 11-13=-54/328, 11-14=-1001/5690, 10-14=-1001/5690, 10-15=-1517/8594, 9-15=-1517/8594, 9-16=-1019/5739, 8-16=-1019/5739, 8-17=-55/328, 7-17=-55/328
WEBS
1-11=-1023/5794, 2-11=-2258/349, 2-10=-558/3138, 3-10=-971/127, 4-9=-1011/132, 5-9=-502/2842, 5-8=-2168/332, 6-8=-1041/5847

- NOTES** (13-16)
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
 Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
 Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - 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; 130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BC DL=3.0psf; h=28ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 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.
 - All bearings are assumed to be SPp No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 503 lb uplift at joint 12 and 566 lb uplift at joint 7.
 - "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) 432 lb down and 49 lb up at 13-10-12 on top chord, and 93 lb down and 71 lb up at 2-2-12, 93 lb down and 71 lb up at 4-2-12, 93 lb down and 71 lb up at 6-2-12, 93 lb down and 71 lb up at 8-2-12, and 93 lb down and 71 lb up at 10-2-12, and 93 lb down and 71 lb up at 12-2-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.



Continued on page 2

March 15, 2012

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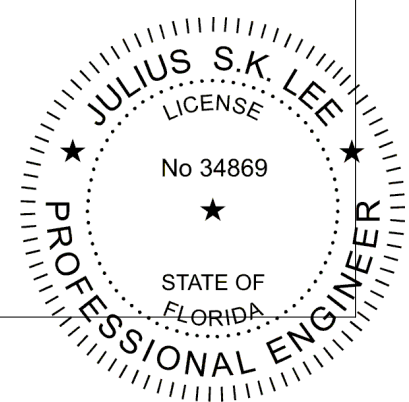
Job 410547	Truss TG01	Truss Type SPECIAL	Qty 1	Ply 2	15336208 Job Reference (optional)
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Builders FirstSource, Jacksonville, FL 32244
 7.330 s Dec 20 2011 MiTek Industries, Inc. Thu Mar 15 14:01:45 2012 Page 2
 ID:ZJnLylLT2_d_WB?NgG68hKzaz58-nToAD29G8rQ6oIL577eO4xU6IDASnfCamD_pRnzag7a

- 13) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 14) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
- 15) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
- 16) Use Simpson HGUS28-2 to attach Truss to Carrying member

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.00, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 1-6=-313, 7-12=-10
 Concentrated Loads (lb)
 Vert: 9=-79(B) 6=-353 13=-79(B) 14=-79(B) 15=-79(B) 16=-79(B) 17=-79(B)

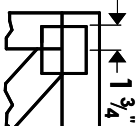
Julius Lee



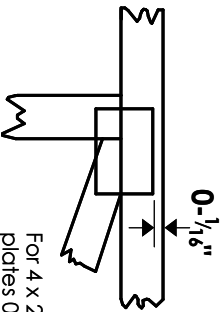
March 15, 2012

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- $\frac{1}{8}$ " from outside edge of truss.

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

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

PLATE SIZE

4 X 4

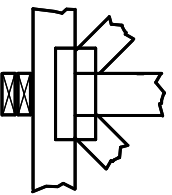
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

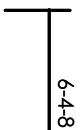


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

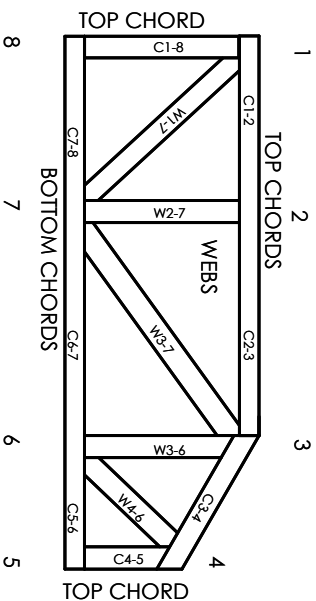
Industry Standards:

ANSI/FP11: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCS11: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



dimensions shown in ft-in-sixteenths (Drawings not to scale)



JOINTS ARE GENERALLY NUMBERED/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, ER-5243, 9604B, 9730, 95-43, 96-31, 9667A
NER-487, NER-561
95110, 84-32, 96-67, ER-3907, 9432A

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Julius Lee
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Boynton, FL 33435



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 BCS11.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T, I, or Eliminator bracing should be considered.
3. Never exceed the design loading shown and never stock 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 ware of joint locations are regulated by ANSI/FP11.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/FP11.
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/FP11 Quality Criteria.