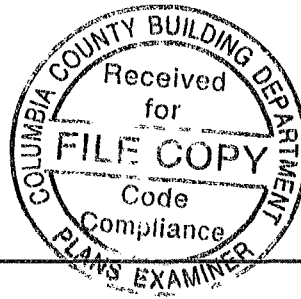


JULIUS LEE PE.



RE: 567855 - McCarty Res.

**1109 COASTAL BAY BLVD,
BOYNTON BEACH, FL 33435**

Site Information:

Project Customer MCCARTY RES Project Name 567855 Model: Custom
Lot/Block: Subdivision:
Address: TBD
City Columbia Cty State FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name Unknown at time of seals License # Unknown at time of seals
Address: Unknown at time of seals
City Unknown at time of seals State Unknown at time of seals

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: N/A psf
Roof Load: 32.0 psf

This package includes 55 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.

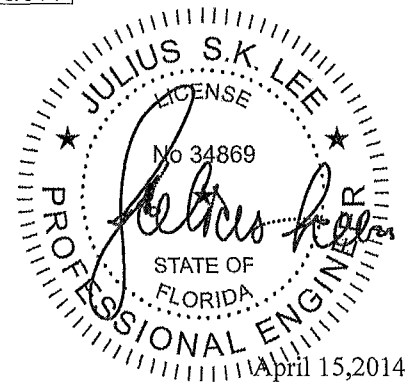
No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	18079208	CJ01	4/15/014	18	18079225	HJ01	4/15/014
2	18079209	CJ02	4/15/014	19	18079226	HJ02	4/15/014
3	18079210	CJ03	4/15/014	20	18079227	HJ03	4/15/014
4	18079211	CJ04	4/15/014	21	18079228	HJ04	4/15/014
5	18079212	CJ05	4/15/014	22	18079229	HJ05	4/15/014
6	18079213	CJ06	4/15/014	23	18079230	HJ06	4/15/014
7	18079214	CJ07	4/15/014	24	18079231	T01	4/15/014
8	18079215	CJ08	4/15/014	25	18079232	T01G	4/15/014
9	18079216	CJ09	4/15/014	26	18079233	T02	4/15/014
10	18079217	CJ10	4/15/014	27	18079234	T02G	4/15/014
11	18079218	CJ11	4/15/014	28	18079235	T03	4/15/014
12	18079219	CJ12	4/15/014	29	18079236	T04	4/15/014
13	18079220	CJ13	4/15/014	30	18079237	T05	4/15/014
14	18079221	EJ01	4/15/014	31	18079238	T06	4/15/014
15	18079222	EJ02	4/15/014	32	18079239	T07	4/15/014
16	18079223	EJ03	4/15/014	33	18079240	T08	4/15/014
17	18079224	EJ04	4/15/014	34	18079241	T09	4/15/014

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, 2015.

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 567855	Truss CJ01	Truss Type Jack-Open Truss	Qty 4	Ply 1	McCarthy Res. Job Reference (optional)	18079208
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Builders FirstSource, Lake City FL 32055 7.350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:48:47 2014 Page 1
 ID sXrmzdKhgurWImYdVnILX1zQVAz-xz9INwmYPlaknPfdTbyfKIUqrvqh8Uk5?ixCutzQSPK

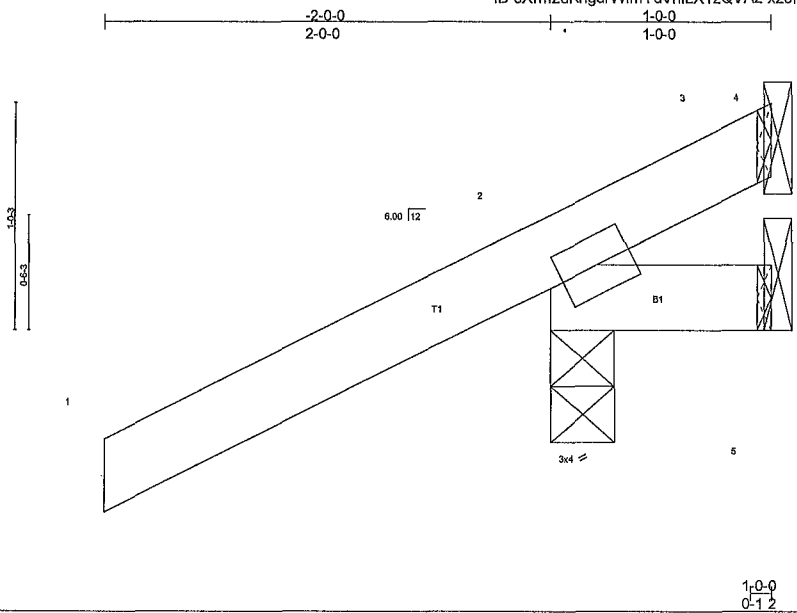


Plate Offsets (X,Y) [2-0-0-12,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.32	Vert(LL) 0 00 8 >999 240	MT20 244/180
TCDL 7.0	Lumber Increase 1.25	BC 0.09	Vert(TL) 0 00 8 >999 180	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL) 0 00 2 n/a n/a	
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)		Weight: 7 lb FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing

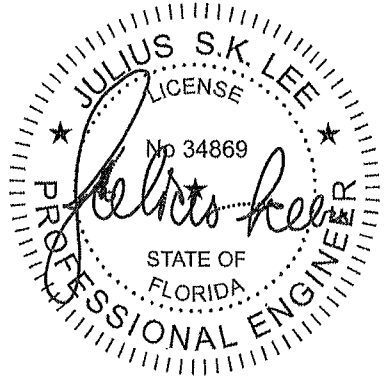
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=208/0-3-8 (min. 0-1-8) 5=36/Mechanical 3=30/Mechanical
 Max Horz 2=67(LC 12)
 Max Uplift 2=153(LC 12) 5=45(LC 2) 3=38(LC 2)
 Max Grav 2=252(LC 2) 5=35(LC 12) 3=24(LC 8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown
 TOP CHORD 2-3=268/199

- NOTES** (7.9)
- 1) Wind. ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf BCDL=3.0psf h=18ft; Cat. II Exp C, Encl GCPl=0.18, MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 4) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 153 lb uplift at joint 2 45 lb uplift at joint 5 and 38 lb uplift at joint 3.
 - 6) *Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss.
 - 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
 - 8) Note. Visually graded lumber designation SPP, represents new lumber design values as per SPIB.
 - 9) Truss Design Engineer: Julius Lee PE. Florida PE License No. 34869 Address: 1109 Coastal Bay Blvd Boynton Beach FL 33435

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April 15, 2014

<p>WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-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 PE. 1109 Coastal Bay Boynton Beach, FL 33435</p>
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Job	Truss	Truss Type	Qty	Ply	McCarthy Res.	18079210
567855	CJ03	Jack-Open Truss	4	1	Job Reference (optional)	

Builders FirstSource Lake City FL 32055 7 350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:48:50 2014 Page 1
 ID'sXrmzdkhgrWlmYdVnlX1zQVAz-LYru?xoQhDyJesOC8jVMYw6Km7oLLrUYhG9sV4zQSP

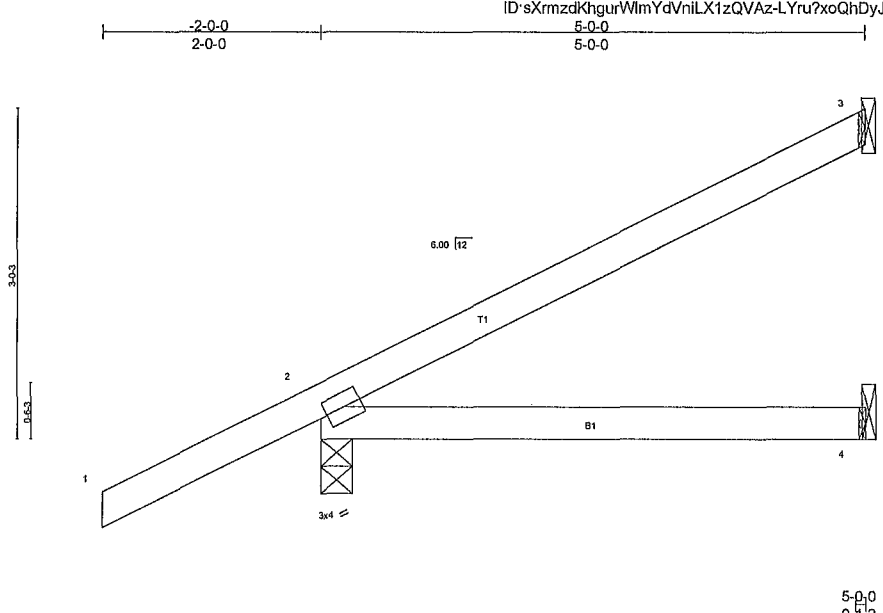


Plate Offsets (X,Y) [2:0-0-12,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.41	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.35	Vert(LL) 0 12 4-7 >508 240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Vert(TL) 0 10 4-7 >578 180		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)	Horz(TL) -0.02 3 n/a n/a		
				Weight: 19 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing

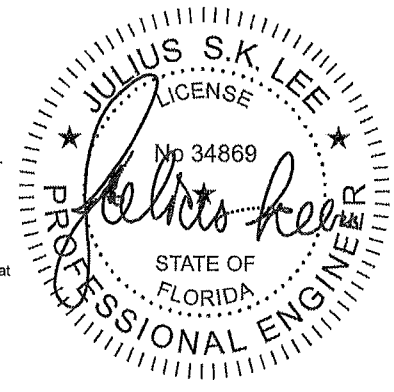
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=88/Mechanical 2=239/0-3-8 (min. 0-1-8) 4=28/Mechanical
 Max Horz 2=162(LC 12)
 Max Uplift 3=104(LC 12) 2=132(LC 12) 4=45(LC 9)
 Max Grav 3=107(LC 2) 2=288(LC 2) 4=66(LC 3)

FORCES (lb) Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown
 TOP CHORD 2-3=358/323

- NOTES (7 9)**
- 1) Wind ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph TCCL=4.2psf; BCCL=3.0psf h=18ft; Cat. II Exp C, Encl GCpl=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone: porch left and right exposed; C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 4) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 104 lb uplift at joint 3, 132 lb uplift at joint 2 and 45 lb uplift at joint 4.
 - 6) 'Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss
 - 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
 - 8) Note Visually graded lumber designation SFP, 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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April 15, 2014

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Job 567855	Truss CJ05	Truss Type Jack-Open Truss	Qty 1	Ply 1	McCarthy Res.	18079212
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Builders FirstSource, Lake City FL 32055 7 350 s Sep 27 2012 MITek Industries, inc. Tue Apr 15 13.48.52 2014 Page 1
 ID sXrmzdKhgurWlmYdVniLX1zQVAz-lxzøQdqhDqC1uAYbG8Xr1LCgawYlpl_r8aezZyzQSPF

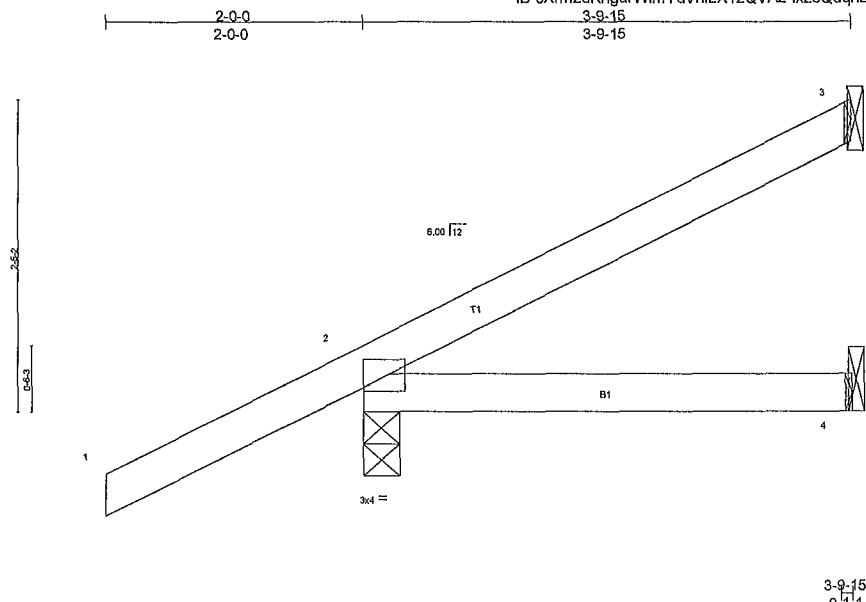


Plate Offsets (X, Y) [2-0-0-0-0-6] 3-9-15 0-1-1

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.32	Vert(LL) -0.01 4-7 >999 240	MT20 244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.10	Vert(TL) -0.02 4-7 >999 180	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL) 0.00 3 n/a n/a	
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)		Weight: 16 lb FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 3-9-15 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing

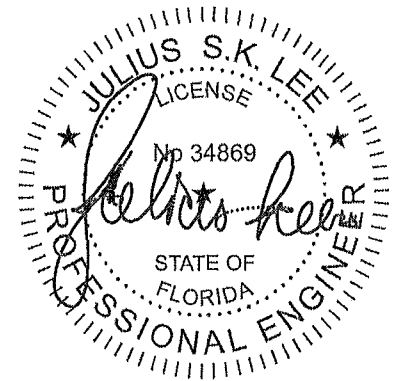
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=62/Mechanical 2=213/0-3-8 (min. 0-1-8) 4=16/Mechanical
 Max Horz 2=133(LC 12)
 Max Uplift 3=75(LC 12) 2=124(LC 12)
 Max Grav 3=75(LC 2) 2=257(LC 2) 4=49(LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-416/259

- NOTES (7-9)
- 1) Wind ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf BCDL=3.0psf h=18ft, Cat. II Exp C Encl GCpl=0 18' MWFRS (envelope) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
 - 4) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 75 lb uplift at joint 3 and 124 lb uplift at joint 2.
 - 6) *Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss
 - 7) 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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Job	Truss	Truss Type	Qty	Ply	McCarly Res.	18079214
587855	CJ07	Jack-Open Truss	1	1		

Builders FirstSource Lake City FL 32055 7 350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13.48.54 2014 Page 1
 ID sXrmzdkHgurWImYdvnitLX1zQVAz-EK4PrJrxISSI7UhzNZaJ6mH1RkErHeT7cu73erzQSPc
 Job Reference (optional)

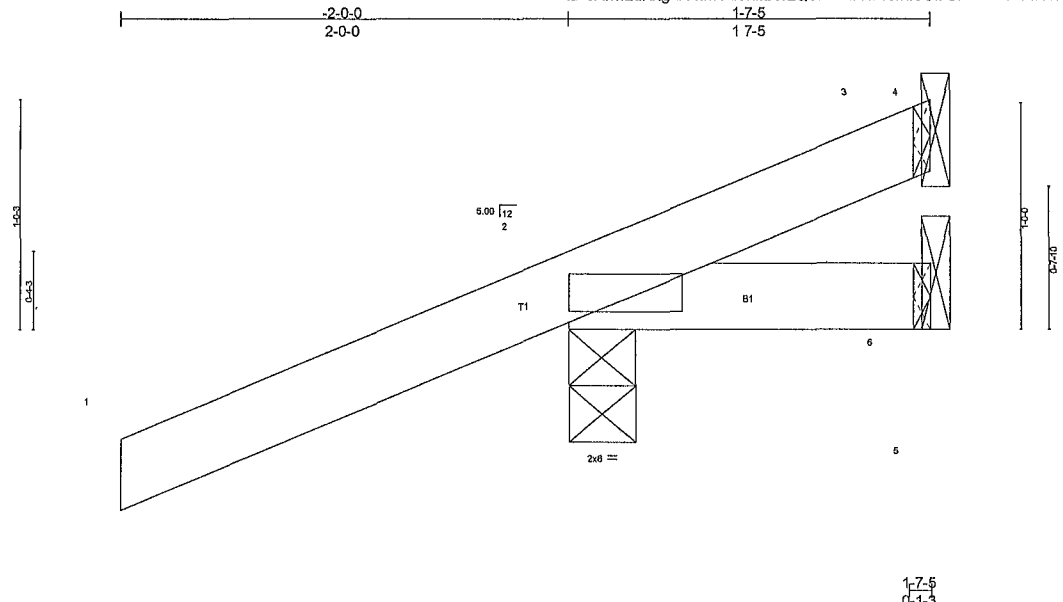


Plate Offsets (X,Y) [2.0-2.4-0-1-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.30	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.06	Vert(LL) 0.00 9 >999 240		
BCLL 0.0 *	Lumber Increase 1.25	WB 0.00	Vert(TL) 0.00 9 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.00 2 n/a n/a		
	Code FBC2010/TPI2007			Weight: 8 lb	FT = 20%

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 1 7-5 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=172/0-3-8 (min. 0-1-8) 3=8/Mechanical 6=7/Mechanical
 Max Horz 2=88(LC 12)
 Max Uplift 2=141(LC 8) 3=15(LC 12) 6=10(LC 2)
 Max Grav 2=210(LC 2), 3=8(LC 2) 6=22(LC 8)

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

- NOTES (7-9)**
- 1) Wind: ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf BCDL=3.0psf h=18ft; Cat II Exp C Encl GCpi=0 18, MWFRS (envelope) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 4) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 141 lb uplift at joint 3 15 lb uplift at joint 5 and 10 lb uplift at joint 6.
 - 6) 'Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss
 - 7) 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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April 15, 2014

Job 667855	Truss CJ09	Truss Type Jack-Open Truss	Qty 1	Ply 1	McCarthy Res. Job Reference (optional)	18079216
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Builders FirstSource Lake City FL 32055 7.350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:48:57 2014 Page 1
 ID sXrmzdKhgurWimYdVnILX1zQVAz-eumXTKup2NqJ_xQY3h70KpVwGxD_U7DalsMkFAzQSPa

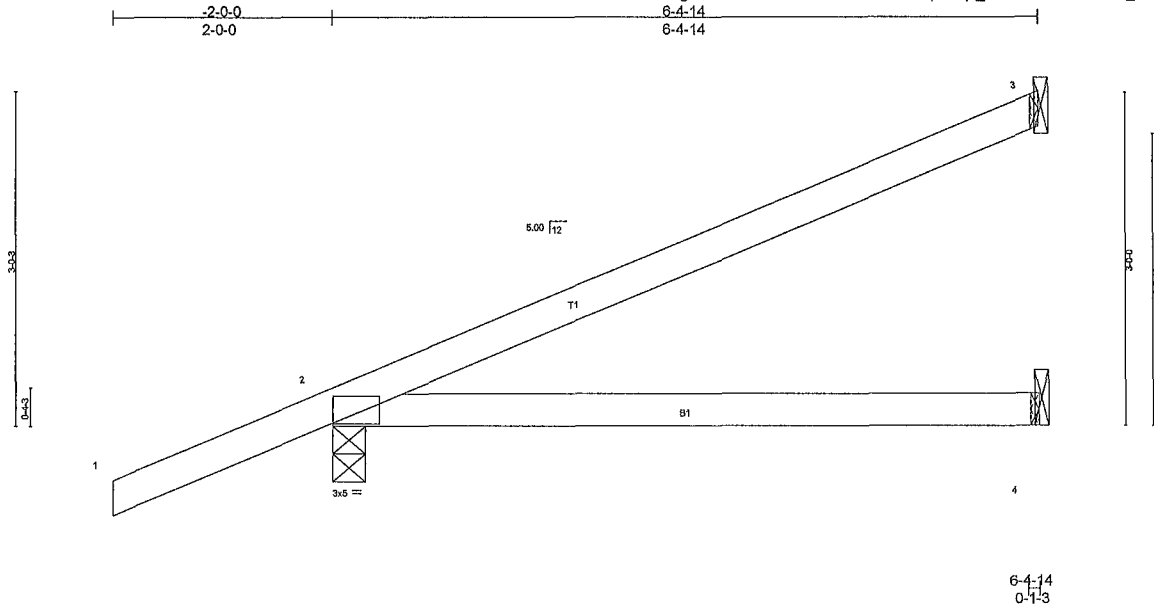


Plate Offsets (X, Y) [2, Edge, 0-0-2]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 20.0	Plates Increase 1.25	TC 0.39	Vert(LL)	0.05	4-7	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.23	Vert(TL)	-0.08	4-7	>943	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL)	0.00	2	n/a	n/a		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)						Weight: 23 lb	FT = 20%

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

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

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

REACTIONS (lb/size) 3=103/Mechanical 2=297/0-3-8 (min 0-1-8) 4=30/Mechanical
 Max Horz 2=163(LC 12)
 Max Uplift 3=-112(LC 12) 2=-178(LC 12)
 Max Grav 3=126(LC 2) 2=356(LC 2) 4=73(LC 3)

FORCES (lb) Max. Comp./Max. Ten. All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-733/414
 BOT CHORD 2-4=-712/984

- NOTES (7-9)**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf BCDL=3.0psf h=18ft; Cat. II Exp C, Encl GCpl=0 18, MWFRS (envelope) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
 - 4) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 112 lb uplift at joint 3 and 178 lb uplift at joint 2
 - 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 7) 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



April 15, 2014

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Job 567855	Truss CJ11	Truss Type Jack-Open Truss	Qty 1	Ply 1	McCarthy Res.	18079218
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Builders FirstSource, Lake City, FL 32055 7.350 s Sep 27 2012 MITek Industries Inc. Tue Apr 15 13:49:00 2014 Page 1
 ID sXrmzdKhgurWImYdVnILX1zQVAz-3TRg6MwiLIDurP97kqgIM1X1E8ChhMy0_paOsVzQSPX

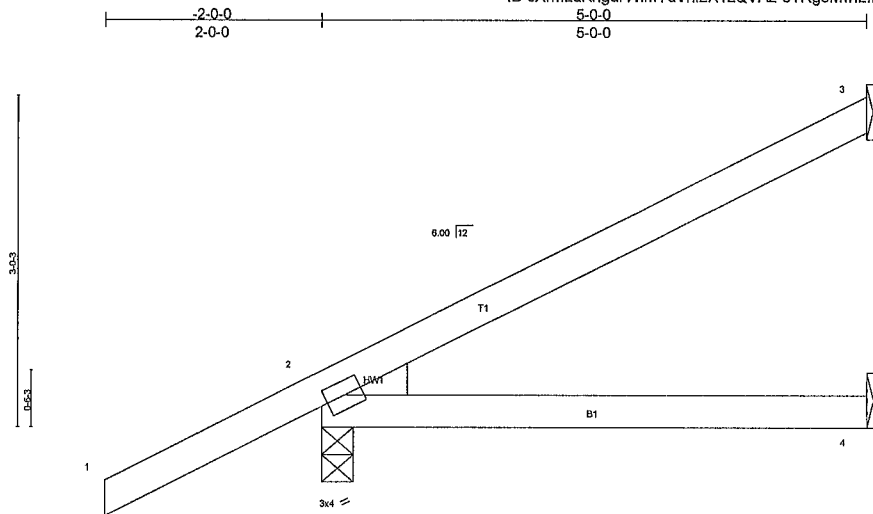


Plate Offsets (X,Y) [2,0-0-12,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.41	Vert(LL) 0.12	4-7	>507	240	MT20	244/180
TCDL 7.0	Lumber Increase 1.25	BC 0.35	Vert(TL) 0.10	4-7	>577	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.02	3	n/a	n/a		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)					Weight: 20 lb	FT = 20%

LUMBER

TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2
 WEDGE
 Left: 2x4 SYP No.3

BRACING

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

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

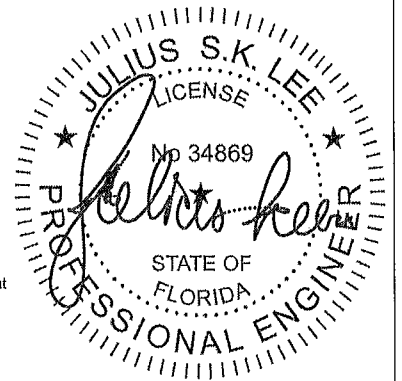
REACTIONS (lb/size) 3=88/Mechanical 2=239/0-3-8 (min. 0-1-8) 4=28/Mechanical
 Max Horz 2=162(LC 12)
 Max Uplift 3=104(LC 12) 2=132(LC 12) 4=45(LC 9)
 Max Grav 3=107(LC 2) 2=288(LC 2), 4=67(LC 3)

FORCES (lb) Max. Comp./Max. Ten. All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=357/325

NOTES (7-9)

- 1) Wind: ASCE 7 10 Vult=130mph (3-second gust) Vasd=101mph TCCL=4.2psf BCDL=3.0psf h=18ft; Cat. II Exp C, Encl GCPl=0 18' MWFRS (envelope) gable end zone and C-C Exterior(2) zone, porch left and right exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
- 4) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 104 lb uplift at joint 3, 132 lb uplift at joint 2 and 45 lb uplift at joint 4.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss
- 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
- 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



April 15, 2014

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 PE,
 1109 Coastal Bay
 Boynton Beach, FL 33435

Job 567855	Truss CJ13	Truss Type Jack-Open Truss	Qty 11	Ply 1	McCarthy Res. Job Reference (optional)	18079220
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Builders FirstSource, Lake City FL 32055 7 350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:49:02 2014 Page 1
 ID: sXrmzdKhgurWImYdVniLX1zQVAz-7sZQX2yytvTo4llWvEjBRScO3yyO9GSJR73VvNzQSPV

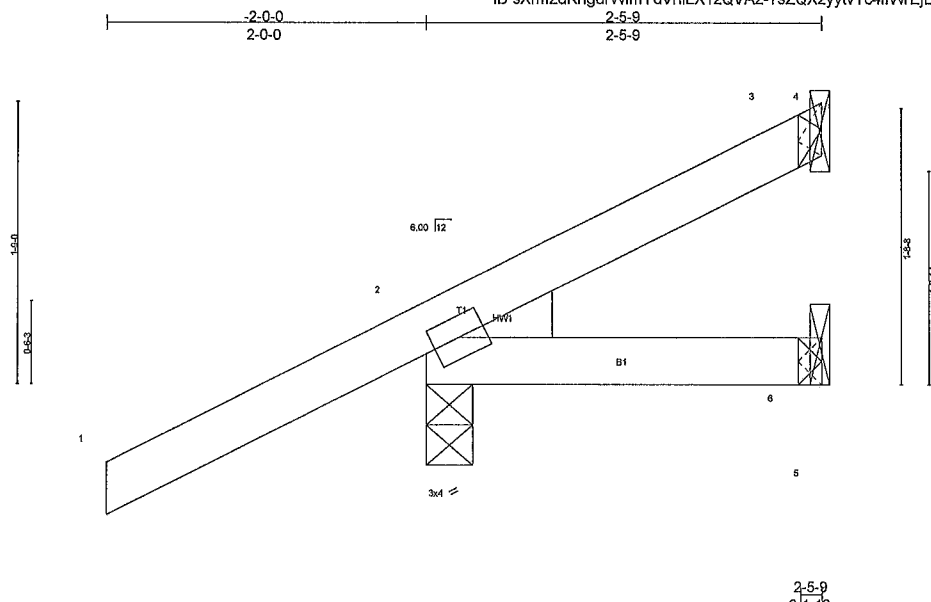


Plate Offsets (X,Y) [2-0-0-12,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.32	Vert(LL) 0.00 8-9 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.08	Vert(TL) 0.00 8-9 >999 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL) 0.00 3 n/a n/a		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)		Weight: 12 lb	FT = 20%

LUMBER
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2
 WEDGE
 Left: 2x4 SYP No.3

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

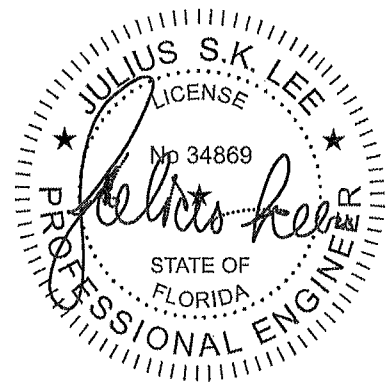
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=189/0-3-8 (min. 0-1-8) 3=29/Mechanical 6=-0/Mechanical
 Max Horz 2=101(LC 12)
 Max Uplift 2=-119(LC 12), 3=-44(LC 12), 6=-15(LC 9)
 Max Grav 2=229(LC 2) 3=35(LC 2) 6=31(LC 3)

FORCES (lb) Max. Comp./Max. Ten - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-312/227

- NOTES (7-9)**
- 1) Wind: ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph TCCL=4.2psf BCDL=3.0psf h=18ft; Cat. II Exp C, Encl GCpi=0.18 MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 4) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 119 lb uplift at joint 2, 44 lb uplift at joint 3 and 15 lb uplift at joint 6.
 - 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss
 - 7) 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

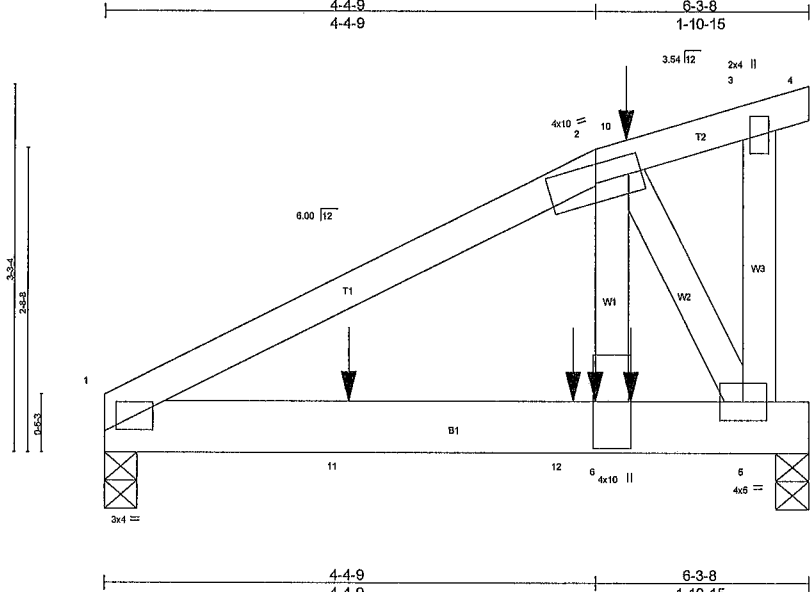


April 15, 2014

<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 BCSI1 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive Madison, WI 53719</p>	<p>Julius Lee PE, 1109 Coastal Bay Boynton Beach FL 33435</p>
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Job 667855	Truss EJ04	Truss Type Special Truss	Qty 1	Ply 1	McCarty Res.	18079224
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Builders FirstSource, Lake City FL 32055 7.350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:49 09 2014 Page 1
 ID sXrmzdkHgurWimYcdVniLX1zQVAz-ICU4?R1LD2LcQnLsmDLqDxPcTnGSIMcL2jGMGTzQSPQ



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 NO Code FBC2010/TPI2007	CSI TC 0.25 BC 0.44 WB 0.29 (Matrix-M)	DEFL in (loc) l/defl L/d Vert(LL) 0.03 6-9 >999 240 Vert(TL) -0.04 6-9 >999 180 Horz(TL) 0.00 1 n/a n/a	PLATES GRIP MT20 244/190 Weight: 35 lb FT = 20%
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LUMBER
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x6 SP No.2
 WEBS 2x4 SP No.3

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

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

REACTIONS (lb/size) 1=433/0-3-8 (min. 0-1-8) 5=541/0-3-8 (min. 0-1-8)
 Max Horz 1=134(LC 8)
 Max Uplift 1=252(LC 8) 5=445(LC 8)
 Max Grav 1=515(LC 2) 5=842(LC 2)

FORCES (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-520/238
 BOT CHORD 1 11=-436/831 11-12=-277/420 6-12=-277/420 5-6=-305/468
 WEBS 2-6=-447/770, 2-5=-876/669

- NOTES** (9-11)
- 1) Wind ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf BCDL=3.0psf h=18ft, Cat. II Exp C, Encl GCpi=0 18 MWFRS (envelope) gable end zone porch left and right exposed. Lumber DOL=1 60 plate grip DOL=1 60
 - 2) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
 - 4) All bearings are assumed to be SP No.2 crushing capacity of 585 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 252 lb uplift at joint 1 and 445 lb uplift at joint 5.
 - 6) *Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss
 - 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 61 lb down and 103 lb up at 4-8-5 on top chord and 331 lb down and 164 lb up at 2-2-4, 331 lb down and 164 lb up at 4-2-4, and 41 lb down and 57 lb up at 4-4-9 and 37 lb down and 52 lb up at 4-8-5 on bottom chord The design/selection of such connection device(s) is the responsibility of others
 - 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B)
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
 - 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
 1) Regular Lumber Increase=1.25 Plate Increase=1.25
 Uniform Loads (plf)
 Vert. 1-2=-44 2-3=-44 3-4=-44, 5-7=-10
 Concentrated Loads (lb)
 Vert. 6=-18(F) 10=-50(F) 11=-278(B) 12=-292(F=-14 B=-278)



April 15, 2014

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

Job 667865	Truss HJ01	Truss Type Diagonal Hip Girder	Qty 2	Ply 1	McCarthy Res. 18079225
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Builders FirstSource Lake City FL 32055 7 350 s Sep 27 2012 MiTek Industries, Inc. Tue Apr 15 13:49:11 2014 Page 2
 ID sXrmzdKhgurWlmYdVnILX1zQVAz-EbcqP73blgbKg5UEtdNIIMUrZawfmGFeW1ITkMzQSPM

LOAD CASE(S) Standard
 Concentrated Loads (lb)
 Vert: 11=43(F=21 B=21) 12=3(F=2 B=2) 13=-87(F=-44, B=-44) 14=37(F=19, B=19) 15=4(F=2, B=2) 16=-36(F=-18, B=-18)



WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-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 PE
 1109 Coastal Bay
 Boynton Beach FL 33435

Job 667855	Truss HJ02	Truss Type Diagonal Hip Girder	Qty 1	Ply 1	McCarthy Res. 18079226
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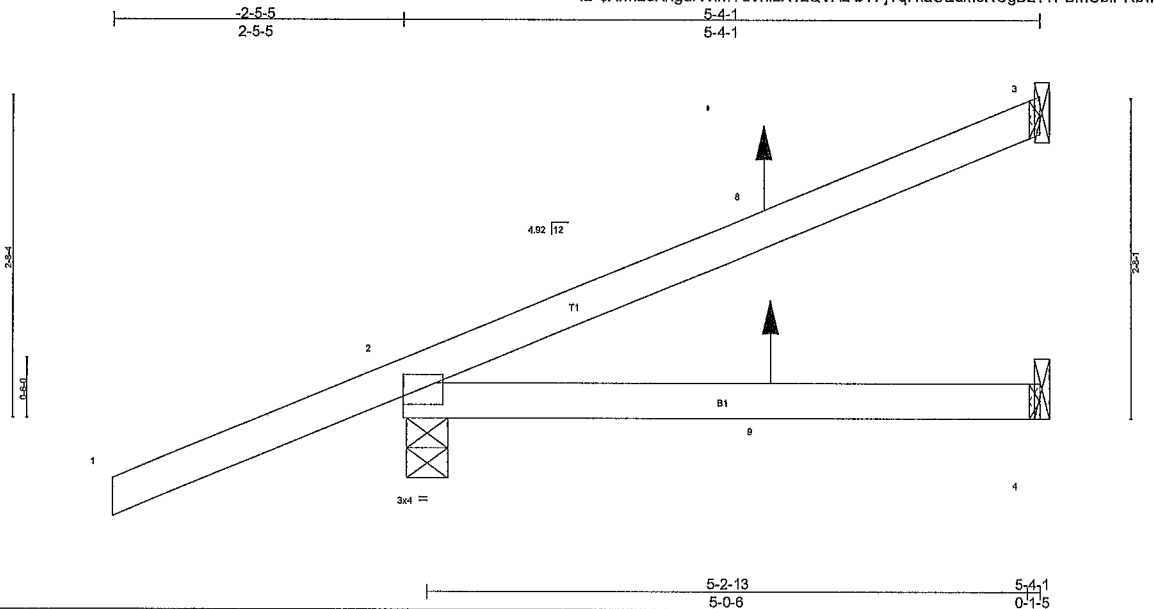
Job Reference (optional)

Builders FirstSource, Lake City FL 32065 7.350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13.49 13 2014 Page 2
 ID sXrmzcdKhgurWmYdVnILX1zQVAz-Azkbqp4sHr2vPed72PmNnZ9gOZ5E8MwzLEapFzQSPK

LOAD CASE(S) Standard
 Concentrated Loads (lb)
 Vert: 11=36(F) 12=24(B) 13=17(F) 14=18(B) 15=59(F) 16=54(B) 17=7(F) 18=6(B) 19=8(F) 20=6(B) 21=20(F) 22=22(B)

Job 567855	Truss HJ04	Truss Type Diagonal Hip Girder	Qty 1	Ply 1	McCarthy Res.	18079228
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Builders FirstSource, Lake City FL 32055 7.350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:49:16 2014 Page 1
 ID: sXrmdzKhgurWlmYdVniLX1zQVAz-bYPJTq7kaCEdmsNCgBzT?PBmCbIPRbWfJSEQZzQSPH



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 NO Code FBC2010/TPI2007	CSI TC 0.41 BC 0.23 WB 0.00 (Matrix-M)	DEFL in (loc) l/defl L/d Vert(LL) 0.06 4-7 >999 240 Vert(TL) -0.06 4-7 >999 180 Horz(TL) -0.01 3 n/a n/a	PLATES GRIP MT20 244/190 Weight: 21 lb FT = 20%
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LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing

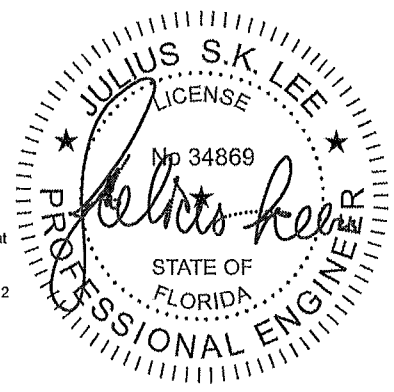
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer installation guide.

REACTIONS (lb/size) 3=83/Mechanical, 2=288/0-4-2 (min. 0-1-8) 4=24/Mechanical
 Max Horz 2=147(LC 8)
 Max Uplift 3=102(LC 8) 2=-243(LC 4) 4=-47(LC 5)
 Max Grav 3=101(LC 2), 2=322(LC 2), 4=71(LC 3)

FORCES (lb) Max. Comp./Max. Ten. All forces 250 (lb) or less except when shown.
 TOP CHORD 2-8=-298/327

- NOTES (9-11)**
- 1) Wind ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II Exp C Encl GCpl=0.18, MWFRS (envelope) gable end zone porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 4) All bearings are assumed to be SP No 2 crushing capacity of 565 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 102 lb uplift at joint 3, 243 lb uplift at joint 2 and 47 lb uplift at joint 4.
 - 6) Semi-rigid pitchbreaks including heels* Member end fixity model was used in the analysis and design of this truss
 - 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1 lb down and 44 lb up at 3-0-14 on top chord, and 2 lb down and 26 lb up at 3-0-14 on bottom chord The design/selection of such connection device(s) is the responsibility of others
 - 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B)
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 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
 1) Regular Lumber Increase=1.25 Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-44 4-5=-10
 Concentrated Loads (lb)
 Vert: 8=15(B) 9=2(B)

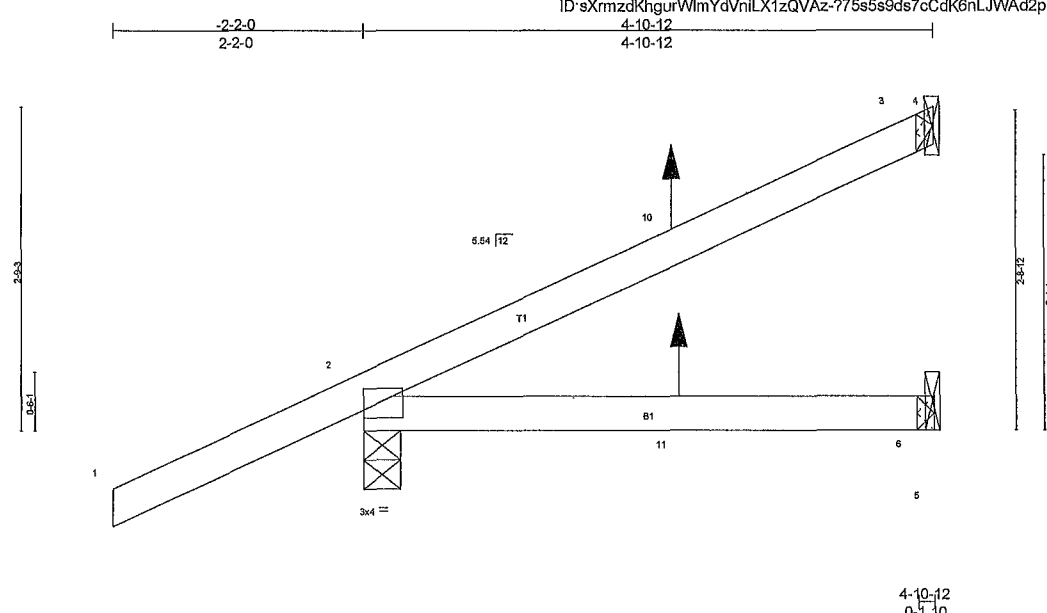


April 15, 2014

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Job 667855	Truss HJ06	Truss Type Diagonal Hip Girder	Qty 2	Ply 1	McCarly Res. 18079230
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Builders FirstSource Lake City, FL 32055 Job Reference (optional) 7 350 s Sep 27 2012 MITek Industries Inc. Tue Apr 15 13.49 19 2014 Page 1
 ID:sXrmzdKhgurWlmydVnlX1zQVAz-775s5s9ds7cCdk6nLJWAd2pJrpkkeyfpMHhu1uzQSPe



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 NO Code FBC2010/TPI2007	CSI TC 0.32 BC 0.19 WB 0.00 (Matrix-M)	DEFL in (loc) l/defl L/d Vert(LL) 0.04 6-9 >999 240 Vert(TL) -0.04 6-9 >999 180 Horz(TL) -0.01 3 n/a n/a	PLATES GRIP MT20 244/190 Weight: 19 lb FT = 20%
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LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-10-12 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.

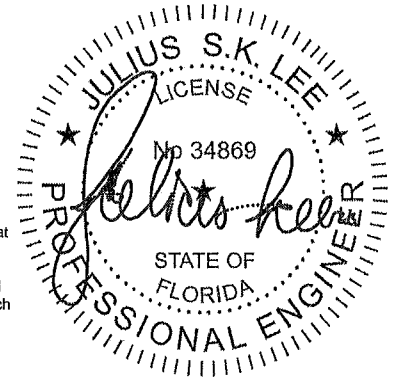
REACTIONS (lb/size) 2=231/0-3-13 (min 0-1-8), 6=21/Mechanical 3=70/Mechanical
 Max Horz 2=152(LC 8)
 Max Uplift 2=171(LC 4) 6=44(LC 5), 3=108(LC 8)
 Max Grav 2=277(LC 2), 6=70(LC 3) 3=84(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. All forces 250 (lb) or less except when shown
 TOP CHORD 2-10=-236/254

- NOTES (9-11)**
- 1) Wind ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf BCDL=3.0psf h=18ft; Cat. II Exp C, Encl GCp=0.18; MWFRS (envelope) gable end zone porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 4) All bearings are assumed to be SP No.2 crushing capacity of 565 psf
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 171 lb uplift at joint 2 44 lb uplift at joint 6 and 108 lb uplift at joint 3.
 - 6) Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss.
 - 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1 lb down and 48 lb up at 2-8-5, and 1 lb down and 48 lb up at 2-8-5 on top chord, and 2 lb down and 26 lb up at 2-8-5, and 2 lb down and 26 lb up at 2-8-5 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B)
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 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

- 1) Regular Lumber Increase=1.25 Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-44 3-4=-14 5-7=-10
 Concentrated Loads (lb)
 Vert: 10=30(F=15, B=15) 11=4(F=2, B=2)



April 15, 2014

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Job 567855	Truss T01G	Truss Type Common Truss	Qty 1	Ply 1	McCarthy Res.	18079232
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Builders FirstSource, Lake City FL 32055 7 350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:49:24 2014 Page 1
 ID: sXrmzdKhgurWlMvYdVnLX1zQVAz-M5ul8ZDIhfEUj5_k8s6LK5X9xqU6JctYVYOfi6zQSP9

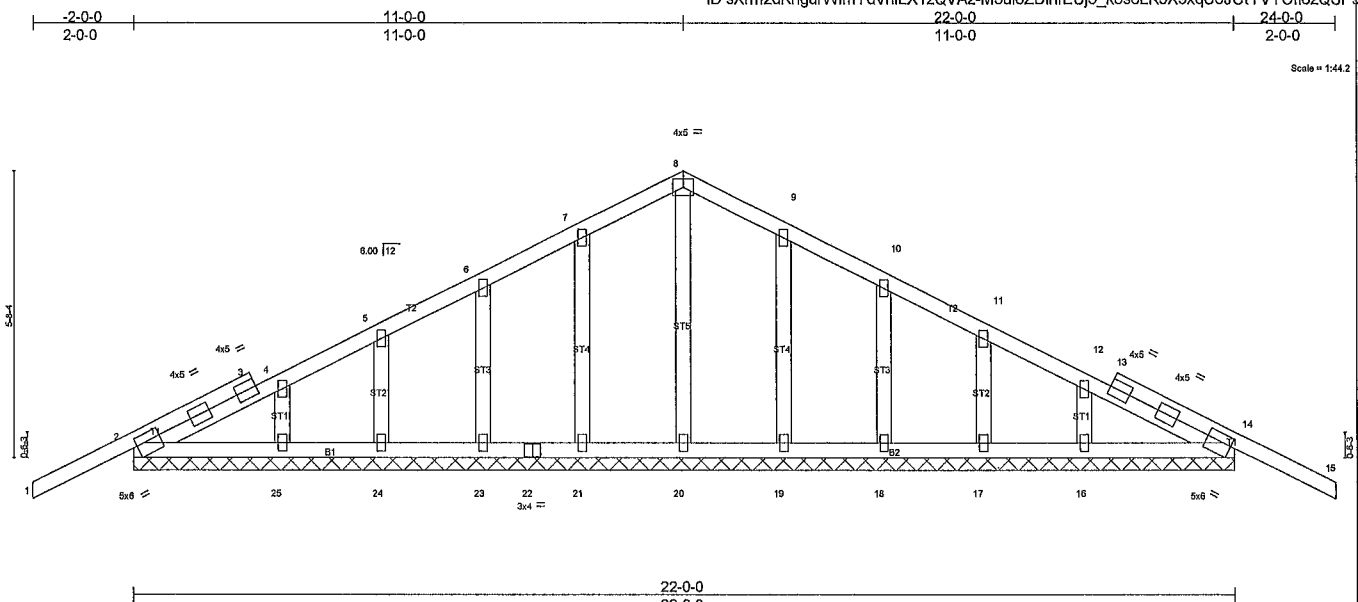


Plate Offsets (X,Y) [2-0-1 13,0-2-0], [14,0-1 13,0-2-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	Plates	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.29	ln (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.05	Vert(LL) -0.02 15 n/r 120		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.07	Vert(TL) -0.04 15 n/r 120		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)	Horz(TL) 0.00 14 n/a n/a		
				Weight: 122 lb	FT = 20%

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

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

MITek recommends that Stabilizers and required cross bracing be installed during truss erection in accordance with Stabilizer installation guide.

REACTIONS All bearings 22-0-0.
 (b) Max Horz 2=130(LC 12)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 21, 23, 24, 25, 19, 18, 17, 16 except 14=115(LC 13)
 Max Grav All reactions 250 lb or less at joint(s) 2, 14, 20, 21, 23, 24, 25, 19, 18, 17, 16

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

- NOTES** (12-14)
- Unbalanced roof live loads have been considered for this design
 - Wind ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf BCDL=3.0psf h=18ft; Cat. II Exp C Encl. GCpI=0.18, MWFRS (envelope) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
 - 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
 - All plates are 2x4 MT20 unless otherwise indicated
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 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 SP No.2 crushing capacity of 565 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 21, 23, 24, 25, 19, 18, 17, 16 except (j=lb) 14=115.
 - "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss
 - 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

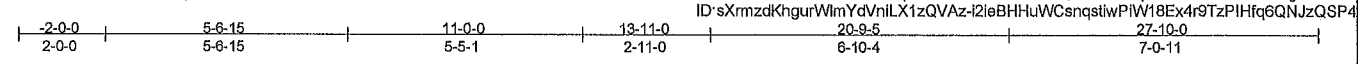


April 15, 2014

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Job 667855	Truss T02G	Truss Type GABLE	Qty 1	Ply 1	McCarthy Res.	18079234
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Builders FirstSource, Lake City FL 32055 7 350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:49:29 2014 Page 1
 ID: sXrmzdKkgurWlmYdVnlXizQVAz-I2leBHHuWCsnqstiwPIW18Ex4r9TzPIHfg6QNJzQSP4



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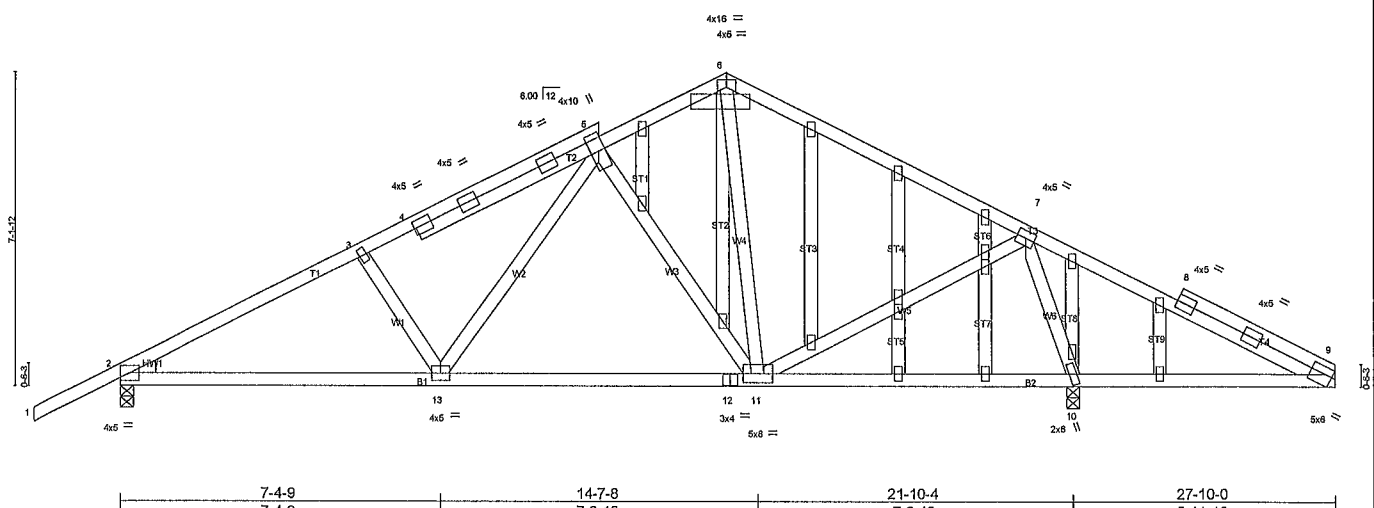


Plate Offsets (X Y) [2:0-0-0-0-14], [5:0-5-0-0-1 12], [6:0-8-0-0-1-2], [9 Edge,0-2-0], [21:0-1 15,0-1-0], [24:0-1 15,0-1-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.59	Vert(LL) 0 08 11 13	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.16	Vert(TL) -0.09 11-13	>999	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.31	Horz(TL) 0 01 10	n/a	n/a		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)				Weight: 189 lb	FT = 20%

LUMBER
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP M.31
 WEBS 2x4 SP No.3
 OTHERS 2x4 SP No.3
 WEDGE
 Left: 2x4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-4-5 oc purlins
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing

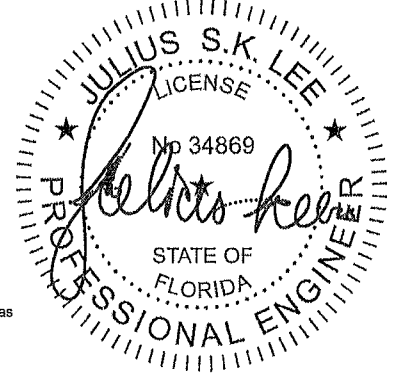
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer installation guide.

REACTIONS (lb/size) 2=640/0-3-8 (min 0-1-8), 10=951/0-3-8 (min 0-1-8)
 Max Horz 2=181(LC 16)
 Max Uplift 2=382(LC 12) 10=489(LC 13)
 Max Grav 2=763(LC 2) 10=1127(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1134/563, 3-4=-1001/539, 4-5=-941/551 5-6=-531/323 6-7=-806/304, 7 8=-557/477
 8-9=-558/370
 BOT CHORD 2-13=-496/944, 12-13=-263/598, 11 12=-263/598, 10-11=-64/274 9-10=-350/565
 WEBS 3-13=-276/273, 5-13=-226/361 5-11=-390/310, 7 11=-288/473 7 10=-1123/926

- NOTES (11-13)**
- Unbalanced roof live loads have been considered for this design.
 - Wind. ASCE 7 10; Vult=130mph (3-second gust) Vast=101mph; TC DL=4.2psf BCDL=3.0psf h=18ft; Cat. II Exp C End GCpf=0.18, MWFRS (envelope) gable end zone and C-C Exterior(2) zone cantilever right exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
 - 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
 - All plates are 2x4 MT20 unless otherwise indicated
 - Gable studs spaced at 2-0-0 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 SP No.2 crushing capacity of 565 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (j=lb) 2=382, 10=489
 - Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss
 - 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



April 15, 2014

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Julius Lee PE
 1109 Coastal Bay
 Boynton Beach FL 33435

Job 667855	Truss T04	Truss Type Special Truss	Qty 1	Ply 1	McCarthy Res	18079236
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Bulliders FirstSource, Lake City FL 32055 ID'sXrmzdKngurVlmyYdVniLX1zQVAz-bqx81eKPZQNCITAT9FmSB_OchSM3v3_faS4eW4zQSP0 7350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:49:33 2014 Page 1

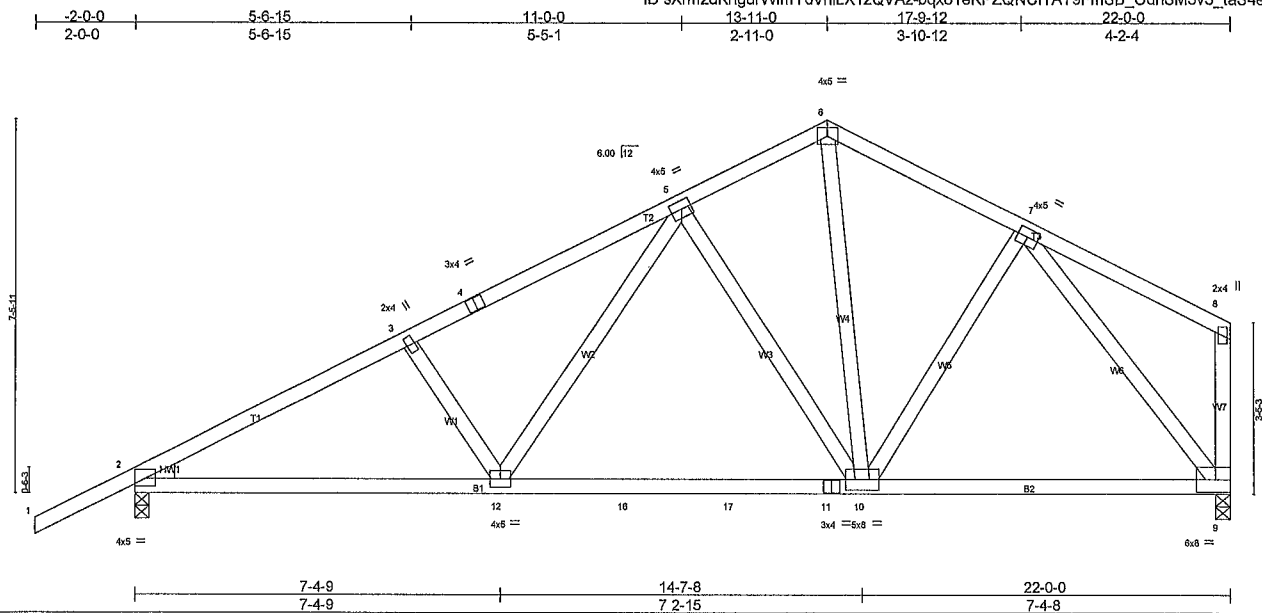


Plate Offsets (X,Y) [2 0-0-0,0-0-10] 7-4-9 7-4-9 14-7-8 7-2-15 22-0-0 7-4-8

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.61	Vert(LL)	0.29 10-12	>892	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.82	Vert(TL)	-0.42 10-12	>620	180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.91	Horz(TL)	0.04 9	n/a	n/a		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)					Weight: 130 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
 B1 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-10-10 oc purlins except end verticals
BOT CHORD Rigid ceiling directly applied or 6-3-6 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=898/0-3-8 (min. 0-1-8) 9=804/0-3-8 (min 0-1-8)
Max Horz 2=178(LC 12)
Max Uplift 2=280(LC 12), 9=217(LC 13)
Max Grav 2=1028(LC 2), 9=914(LC 2)

FORCES (lb) Max. Comp./Max. Ten. All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1866/991 3-4=-1733/969 4-5=-1680/984, 5-6=-948/623, 6-7=-1025/653
BOT CHORD 2-12=-954/1637 12-16=-607/1104 16-17=-607/1104 11 17=-607/1104, 10-11=-607/1104, 9-10=-389/698
WEBS 3-12=-279/267 5-12=-380/713, 5-10=-632/448, 6-10=-450/694, 7 10=-43/293, 7-9=-1143/642

NOTES (9-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II Exp C, Encl GCpi=0.18, MWFRS (envelope) and C-C Exterior(2) zone-C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf
5) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (l=lb) 2=280 9=217
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss
8) In the LOAD CASE(S) section loads applied to the face of the truss are noted as front (F) or back (B)
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
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
1) Regular Lumber Increase=1.25 Plate Increase=1.25
Uniform Loads (plf)
Vert. 1-6=-44 6-8=-44 12-13=-10, 12-16=-61(F=51) 16-17=-91(F=51), 10-17=-61(F=51) 9-10=-10



April 15, 2014

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Julius Lee PE,
1109 Coastal Bay
Boynton Beach FL 33435

Job 567855	Truss T05	Truss Type Hip Truss	Qty 1	Ply 1	McCarthy Res. 18079237
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Builders FirstSource, Lake City FL 32055

7.350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:49 36 2014 Page 2
ID sXrmzdKhgurWImYdVnILX1zQVAz-?PdHfgMHsLn9xv2rNK9pd04zfRo6XyJGQII6PzQSOz

LOAD CASE(S) Standard

1) Regular Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert. 1-3=-44, 3-5=-44, 5-7=-44 12-15=-10

Concentrated Loads (lb)

Vert. 3=-85(B) 5=-172(B) 11=-216(B) 9=-35(B) 4=-85(B) 8=-216(B) 18=-85(B) 19=-85(B) 20=-85(B) 21=-85(B) 22=-35(B) 23=-35(B) 24=-35(B) 25=-35(B)

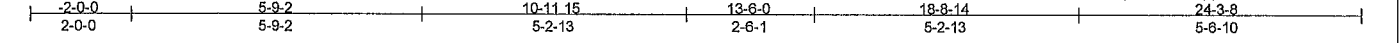
WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE.
Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation 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 PE.
1109 Coastal Bay
Boynton Beach, FL 33435

Job 567855	Truss T07	Truss Type Hip Truss	Qty 1	Ply 1	McCarthy Res.	18079239
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Builders FirstSource, Lake City FL 32055 7.350 s Sep 27 2012 MiTek Industries, Inc. Tue Apr 15 13:49:40 2014 Page 1

ID sXrmzdKhgurWimYdVniLX1zQVAz-uAsoV1PowaFDeYCP4D05zTBppGrv2O6vB2GVFAzQSOV



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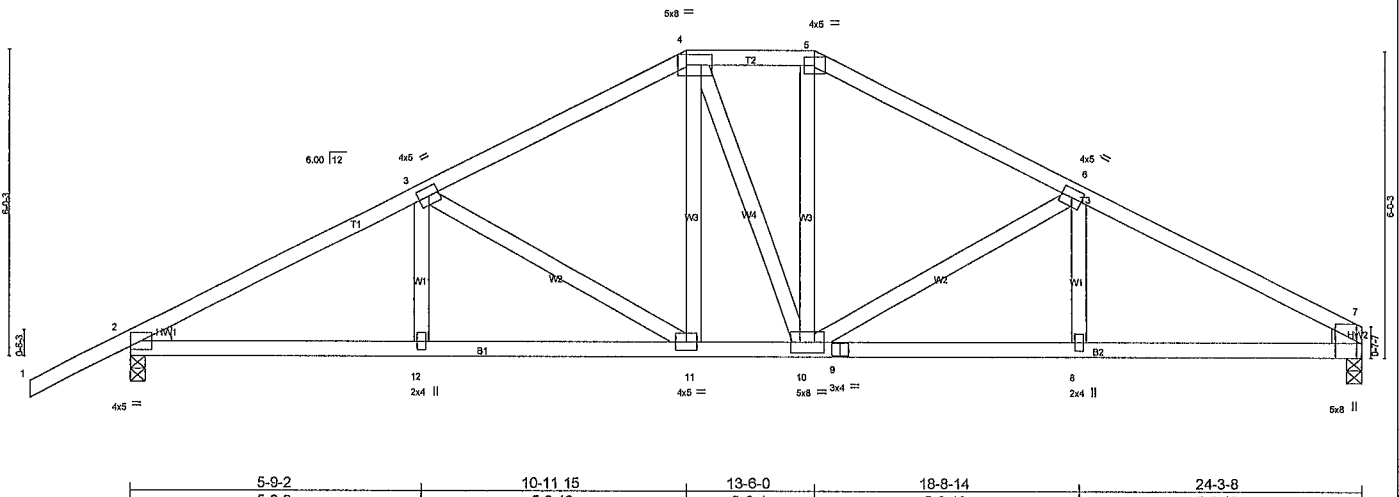


Plate Offsets (X, Y): [2,0-0-0,0-0-14], [4,0-6-0,0-2-8], [7,0-3-8,Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.62	Vert(LL) 0.22	11-12	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.43	Vert(TL) 0.17	11-12	>999	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.30	Horz(TL) -0.07	7	n/a	n/a		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)					Weight: 132 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-9-6 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 4-5-6 oc bracing
WEBS 2x4 SP No.3	
WEDGE	
Left: 2x4 SYP No 3, Right: 2x4 SP 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=852/0-3-8 (min. 0-1-8) 2=747/0-3-8 (min 0-1-8)
 Max Horz 2=98(LC 12)
 Max Uplift 7=370(LC 8) 2=392(LC 9)
 Max Grav 7=773(LC 2), 2=890(LC 2)

FORCES (lb) - Max. Comp./Max. Ten - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1319/1877 3-4=-982/1439 4-5=-833/1355, 5-6=-981/1439 6-7=-1297/1844
 BOT CHORD 2-12=-1591/1114 11 12=-1591/1114, 10-11=-1063/821 9-10=-1556/1103, 8-9=-1556/1103, 7-8=-1556/1103
 WEBS 3-12=-253/160 3-11=-374/623, 4-11=-483/231 5-10=-478/229 6-10=-350/582

- NOTES** (9-11)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCdL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II Exp C Encl GCpi=0.18 MWFRS (envelope) and C-C Exterior(2) zone porch left and right exposed C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Provide adequate drainage to prevent water ponding
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
 - 6) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (It=lb) 7=370, 2=392
 - 8) Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 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



April 15, 2014

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Job 567855	Truss T09	Truss Type Monopitch Truss	Qty 1	Ply 1	McCarly Res.	18079241
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Builders FirstSource, Lake City FL 32055 7 350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:49:42 2014 Page 1
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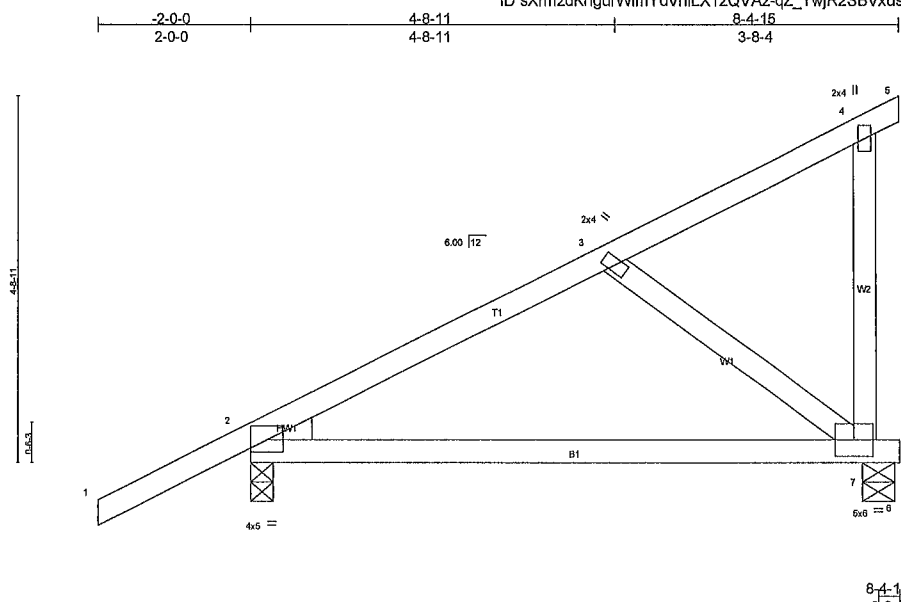


Plate Offsets (X,Y) [2:0-0-0,0-0-10]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 20.0	Plates Increase	1.25	TC 0.65	Vert(LL)	0.34	7-10	>279	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.55	Vert(TL)	0.30	7-10	>321	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.12	Horz(TL)	-0.02	2	n/a	n/a		
BCDL 5.0	Code	FBC2010/TPI2007	(Matrix-M)							
								Weight: 43 lb	FT = 20%	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins except end verticals
 BOT CHORD Rigid ceiling directly applied or 7-4-14 oc bracing

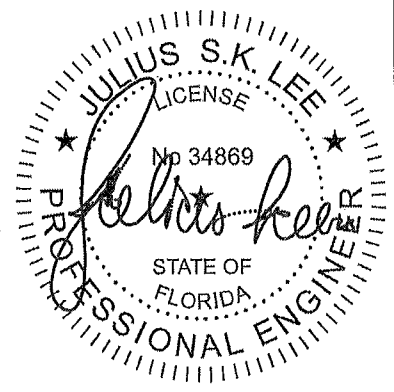
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer installation guide.

REACTIONS (lb/size) 2=314/0-3-8 (min 0-1-8) 7=229/0-4-15 (min 0-1-8)
 Max Horz 2=245(LC 12)
 Max Uplift 2=154(LC 12), 7=202(LC 9)
 Max Grav 2=376(LC 2) 7=270(LC 2)

FORCES (lb) Max. Comp./Max. Ten All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-271/177
 BOT CHORD 2-7=-378/240
 WEBS 3-7=-290/406

- NOTES** (7-9)
- 1) Wind ASCE 7-10 Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft, Cat. II Exp C, Encl GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
 - 4) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (l=lb) 2=154, 7=202.
 - 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss
 - 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 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

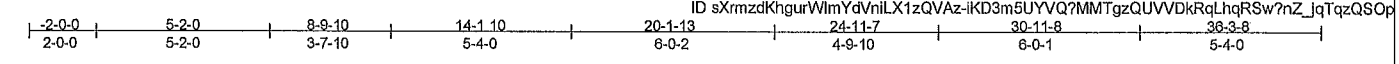


April 15, 2014

<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 PE 1109 Coastal Bay Boynton Beach FL 33435</p>
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Job 567855	Truss T11	Truss Type Half Hip Truss	Qty 1	Ply 1	McCarthy Res. Job Reference (optional)	18079243
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Builders FirstSource, Lake City FL 32055 ID sXrmzdKhgurWImYdVnLX1zQVAz-iKD3m5UYVQ?MMTgzQUVVdKqRqLhqRSw?nZ_jqTqzQSO



Scale = 1:65.5

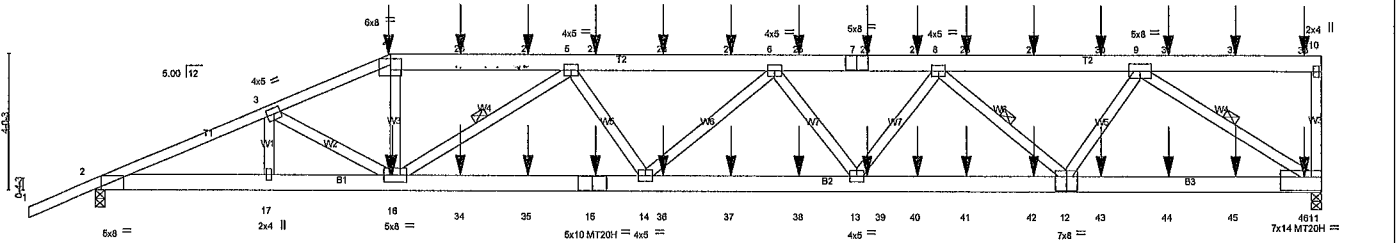


Plate Offsets (X,Y)	[2-0-4-0-0-2-14], [4 0-4-0-0-2-2], [11.Edge-0-4-12], [12 0-4-0-0-5-0]
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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.68	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.67	Vert(LL) 0.57 13-14 >760 240	MT20H	187/143
BCLL 0.0 *	Lumber Increase 1.25	WB 0.98	Vert(TL) -0.78 13-14 >554 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix-M)	Horz(TL) 0.19 11 n/a n/a		
	Code FBC2010/TPI2007			Weight: 239 lb	FT = 20%

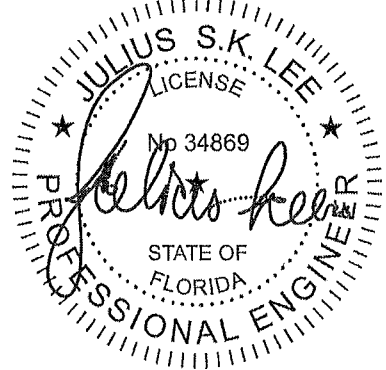
LUMBER	BRACING
TOP CHORD 2x6 SP No.2 *Except* T1 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 2-1-9 oc purlins except end verticals
BOT CHORD 2x6 SP SS *Except* B3, 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 4-1 15 oc bracing
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 5-16 8-12, 9-11

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

REACTIONS	(lb/size) 11=2153/0-3-8 (min 0-3-0), 2=1932/0-3-8 (min 0-2 11)
	Max Horz 2=145(LC 8)
	Max Uplift 11=1689(LC 5) 2=1269(LC 4)
	Max Grav 11=2545(LC 2) 2=2286(LC 2)

FORCES	(lb) Max. Comp./Max. Ten. All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-5216/3037 3-4=-5019/3100, 4-20=-4865/2919, 20-21=-4866/2919, 5-21=-4670/2920, 5-22=-6234/4030 22-23=-6234/4030 23-24=-6234/4030 6-24=-6234/4030, 8-25=-5969/3909, 7-25=-5969/3909, 7-26=-5969/3909, 26-27=-5969/3909, 8-27=-5969/3909 8-28=-4113/2718, 28-29=-4113/2718, 29-30=-4113/2718, 9-30=-4113/2718, 10-11=-271/163
BOT CHORD	2-17=-2855/4775 16-17=-2855/4775 16-34=-3876/6072 34-35=-3876/6072, 15-35=-3876/6072, 14-15=-3876/6072, 14-36=-4093/6308, 36-37=-4093/6308, 37-38=-4093/6308 13-38=-4093/6308, 13-39=-3599/5506, 39-40=-3599/5506, 40-41=-3599/5506, 41-42=-3599/5506, 12-42=-3599/5506, 12-43=-2078/3181 43-44=-2078/3181 44-45=-2078/3181 45-46=-2078/3181 11-46=-2078/3181
WEBS	3-16=-293/34, 4-16=-1011/1572, 5-16=-1778/1165 5-14=-294/433, 6-13=-605/328, 8-13=-555/827 8-12=-1904/1204, 9-12=-1221/1779, 9-11=-3815/2490

- NOTES** (12-14)
- 1) Unbalanced roof live loads have been considered for this design
 - 2) Wind ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph TCCL=4.2psf; BCCL=3.0psf; h=18ft; Cat. II Exp C Encl GCpi=0.18, MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Provide adequate drainage to prevent water ponding
 - 4) All plates are MT20 plates unless otherwise indicated
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=1689, 2=1269
 - 9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss



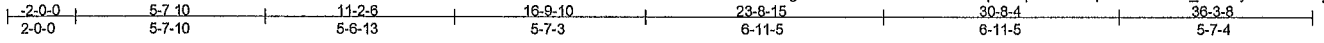
Continued on page 2

April 15, 2014

<p>WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M11-7473 BEFORE USE.</p> <p>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 PE 1109 Coastal Bay Boynton Beach FL 33435</p>
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Job 687855	Truss T12	Truss Type Half Hip Truss	Qty 1	Ply 1	McCarthy Res.	18079244
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Builders FirstSource, Lake City FL 32055 7 350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:49:48 2014 Page 1
 ID sXrmzdKhgurWlmYdVniLX1zQVAz-fILpAnVp11G4cnqMYvYzI9WD_VVLwyV40HCwXjzQSO



Scale = 1/8" = 1'-0"

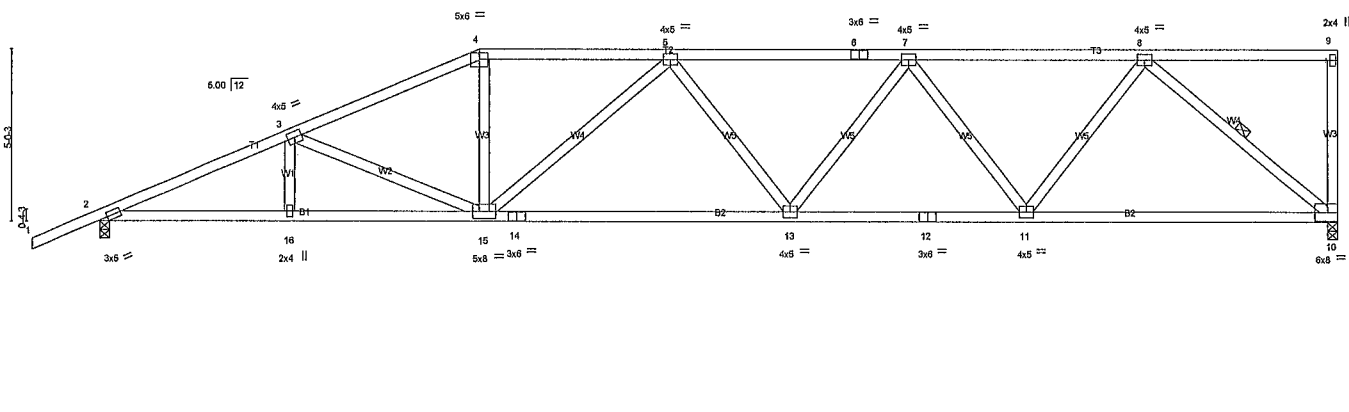


Plate Offsets (X,Y)	[2,0-2-13,0-1-8], [4,0-3-0,0-2-4]
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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.48	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.71	Vert(LL) 0.25 13-15 >999 240		
BCLL 0.0 *	Lumber Increase 1.25	WB 0.47	Vert(TL) -0.49 13-15 >888 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.13 10 n/a n/a		
	Code FBC2010/TPI2007			Weight: 192 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 3-5-4 oc purlins except end verticals
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 4-10-8 oc bracing
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 8-10

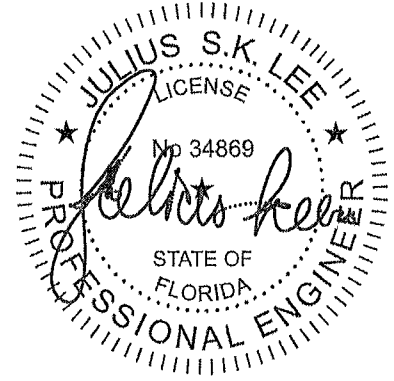
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size)	10=989/0-3-8 (min 0-1-8) 2=1071/0-3-8 (min. 0-1-9)
	Max Horz 2=181(LC 12)
	Max Uplift 10=342(LC 9) 2=-325(LC 8)
	Max Grav 10=1149(LC 2) 2=1273(LC 2)

FORCES (lb) - Max. Comp./Max. Ten - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2537/1378, 3-4=-2151/1187 4-5=-1971/1153, 5-6=-2203/1238, 6-7=-2203/1238, 7-8=-1663/917
BOT CHORD 2-16=-1445/2347 15-16=-1445/2347 14-15=-1326/2273, 13-14=-1326/2273, 12-13=-1186/2077 11 12=-1186/2077 10-11=-688/1187
WEBS 3-15=-425/325, 4-15=-234/520, 5-15=-408/229, 7 11=-699/454, 8-11=-390/804 8-10=-1549/903

- NOTES (8-10)
- 1) Wind ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph TCDL=4.2psf BCDL=3.0psf h=18ft; Cat. II Exp C Encl GCpl=0.18 MWFRS (envelope) and C-C Exterior(2) zone C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Provide adequate drainage to prevent water ponding
 - 3) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 5) All bearings are assumed to be SP No 2 crushing capacity of 565 psi
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=342 2=325
 - 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
 - 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



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Job 567855	Truss T14	Truss Type Half Hip Truss	Qty 1	Ply 1	McCarly Res.	18079246
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Builders FirstSource Lake City FL 32055 7 360 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:49 53 2014 Page 1
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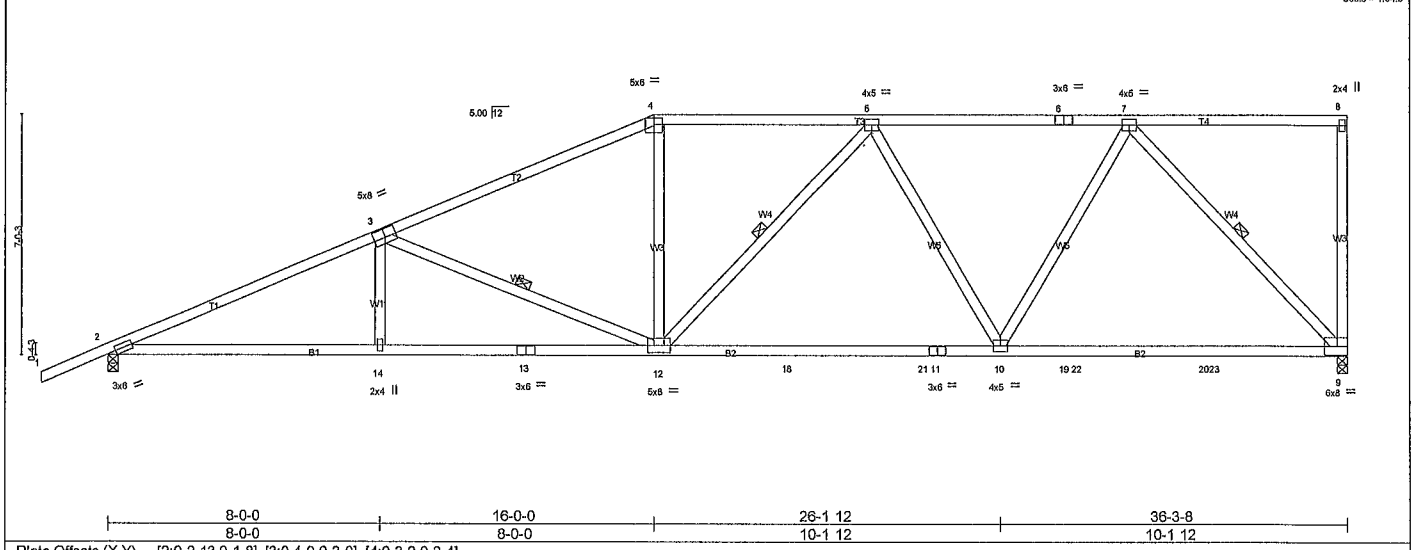
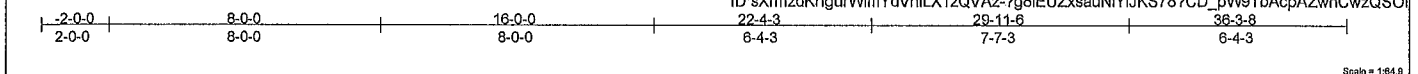


Plate Offsets (X,Y) [2:0-2-13,0-1-8], [3:0-4-0,0-3-0], [4:0-3-0,0-2-4]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.86	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.91	Vert(LL) -0.28 9-10 >999 240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.67	Vert(TL) -0.51 9-10 >858 180		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)	Horz(TL) 0.11 9 n/a n/a	Weight: 198 lb	FT = 20%

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

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

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

REACTIONS (lb/size) 9=1143/0-3-8 (min 0-1-10), 2=1139/0-3-8 (min 0-1-10)
 Max Horz 2=249(LC 12)
 Max Uplift 9=335(LC 9) 2=301(LC 12)
 Max Grav 9=1147(LC 2), 2=1275(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2624/1308, 3-4=-1976/986, 4-5=-1783/980, 5-6=-1481/722, 6-7=-1481/722
 BOT CHORD 2-14=-1461/2436 13-14=-1463/2434, 12-13=-1463/2434, 12-18=-923/1735, 18-21=-923/1735,
 11-21=-923/1735 10-11=-923/1735, 10-19=-560/1071 19-22=-560/1071 20-22=-560/1071
 20-23=-560/1071 9-23=-560/1071
 WEBS 3-12=-716/527 4-12=-94/368 5-10=-519/409 7 10=-330/833, 7-9=-1554/822

NOTES (8-10)
 1) Wind ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf BCDL=3.0psf h=18ft, Cat. II Exp C, Encl GCpi=0 18 MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
 2) Provide adequate drainage to prevent water ponding
 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf
 5) All bearings are assumed to be SP No 2 crushing capacity of 565 psi
 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (I=ib) 9=335, 2=301
 7) *Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss
 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
 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



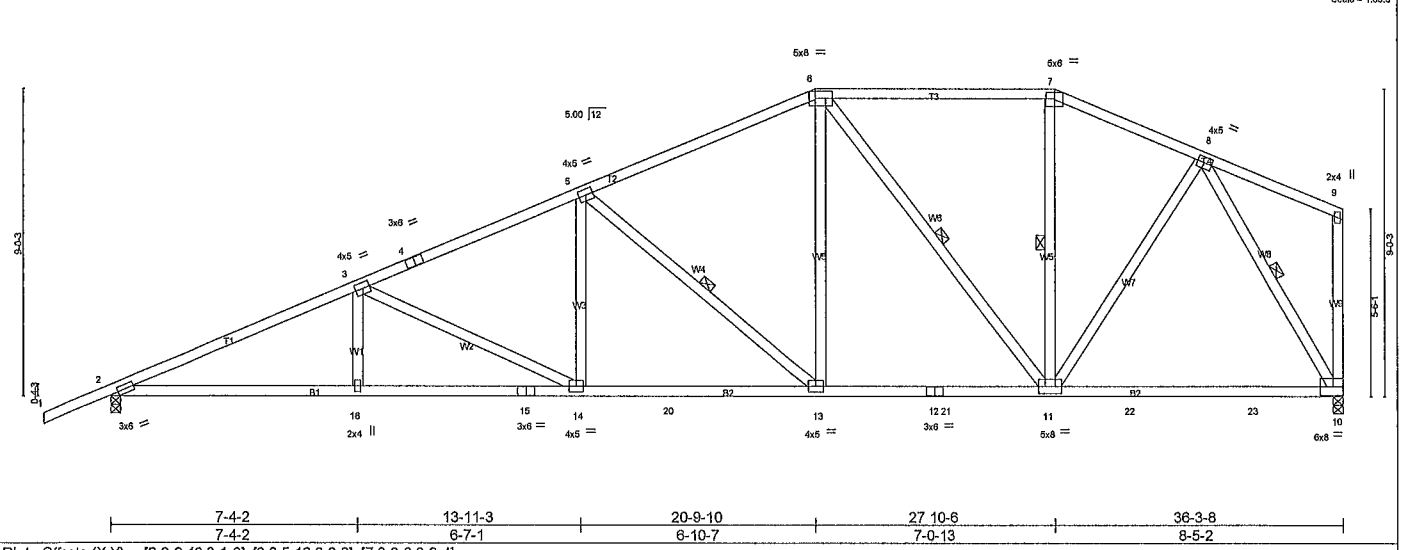
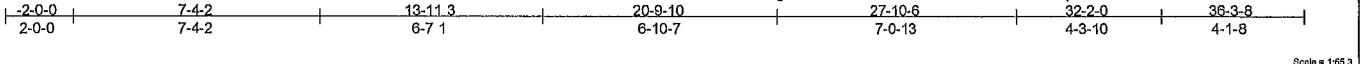
April 15, 2014

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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 PE
 1109 Coastal Bay
 Boynton Beach FL 33435

Job 567855	Truss T16	Truss Type Hip Truss	Qty 1	Ply 1	McCarthy Res.	18079248
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Builders FirstSource, Lake City FL 32055 7.350 s Sep 27 2012 MiTek Industries, Inc. Tue Apr 15 13:49:57 2014 Page 1
 ID: sXrmzdKhgurWimYdVniLX1zQVAz-uROD3rcSwoOpB904ZIC492Oiv7bPX0oP5BuvLhzQSO



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 2-0-0 1.25	TC 0.66	in (loc) l/defl L/d	MT20	244/190
TCCL 7.0	Lumber Increase 1.25	BC 0.59	Vert(LL) 0.22 14-16 >999 240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.53	Vert(TL) -0.33 10-11 >999 180		
BCDL 5.0	Code FBC2010/TP12007	(Matrix-M)	Horz(TL) 0.11 10 n/a n/a		
				Weight: 222 lb	FT = 20%

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-2-15 oc purlins, except end verticals
 BOT CHORD Rigid ceiling directly applied or 4-10-15 oc bracing
 WEBS 1 Row at midpt 5-13 6-11 7 11 8-10

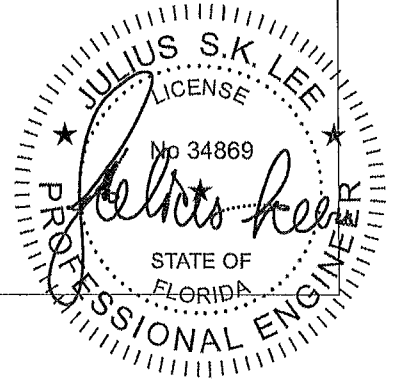
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection. In accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1171/0-3-8 (min. 0-1 11) 10=1167/0-3-8 (min. 0-1 11)
 Max Horiz 2=242(LC 12) 10=241(LC 9)
 Max Uplift 2=330(LC 12) 10=241(LC 9)
 Max Grav 2=1274(LC 2), 10=1167(LC 1)

FORCES (lb) Max. Comp./Max. Ten. All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2752/1374, 3-4=-2264/1138, 4-5=-2164/1157 5-6=-1625/884, 6-7=-1100/674, 7-8=-1211/684
 BOT CHORD 2-16=-1447/2534, 15-16=-1447/2534 14-15=-1447/2534, 14-20=-1103/2053, 13-20=-1103/2053,
 12-13=-696/1423 12-21=-696/1423, 11-21=-696/1423 11-22=-363/705, 22-23=-363/705,
 10-23=-363/705
 WEBS 3-14=-532/350 5-14=-123/367 5-13=-835/538, 6-13=-306/687 6-11=-597/334 8-11=-227/627
 8-10=-1394/733

- NOTES** (9-11)
- 1) Unbalanced roof live loads have been considered for this design
 - 2) Wind: ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph, TCCL=4.2psf BCDL=3.0psf h=18ft; Cat. II Exp C Encl GCpl=0.18 MWFRS (envelope) and C-C Exterior(2) zone C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Provide adequate drainage to prevent water ponding
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members with BCDL = 5.0psf
 - 6) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (It=lb) 2=330, 10=241
 - 8) Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss.
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TP1 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



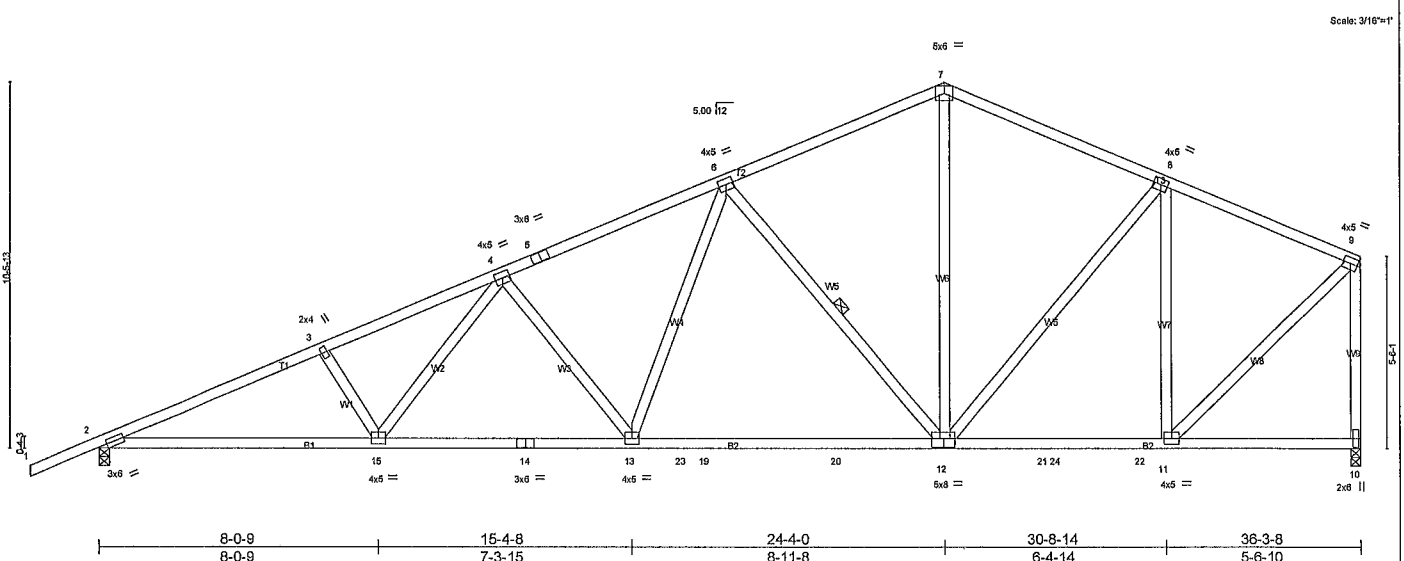
April 15, 2014

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/TP11 Quality Criteria, D58-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

Julius Lee PE
 1109 Coastal Bay
 Boynton Beach FL 33435

Job 567855	Truss T18	Truss Type Common Truss	Qty 1	Ply 1	McCarthy Res.	18079250
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Builders FirstSource Lake City FL 32055 7.350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:50:02 2014 Page 1
 ID sXrmzdKhgurWlmYdVniLX1zQVAz-EPB6ZgbkL05Hwu2MroF565Xj8HaCDv8ETcg1vzQSOZ



Job 567855	Truss T20	Truss Type Special Truss	Qty 1	Ply 1	McCarthy Res.	18079252
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Builders FirstSource Lake City FL 32055 7,350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13.50.07 2014 Page 1
 ID sXrmzdKhgurWimYdVnILX1zQVAz-bM??AGkkZfONim?9ONQZ9pRr9_7lTmtOUJRifzQSOU
 -2-0-0 5-5-8 10-3-8 17-0-15 24-4-0 30-8-14 37-8-0
 2-0-0 5-5-8 4-10-0 6-9-7 7-3-1 6-4-14 6-11-2

Scale = 1:67.5

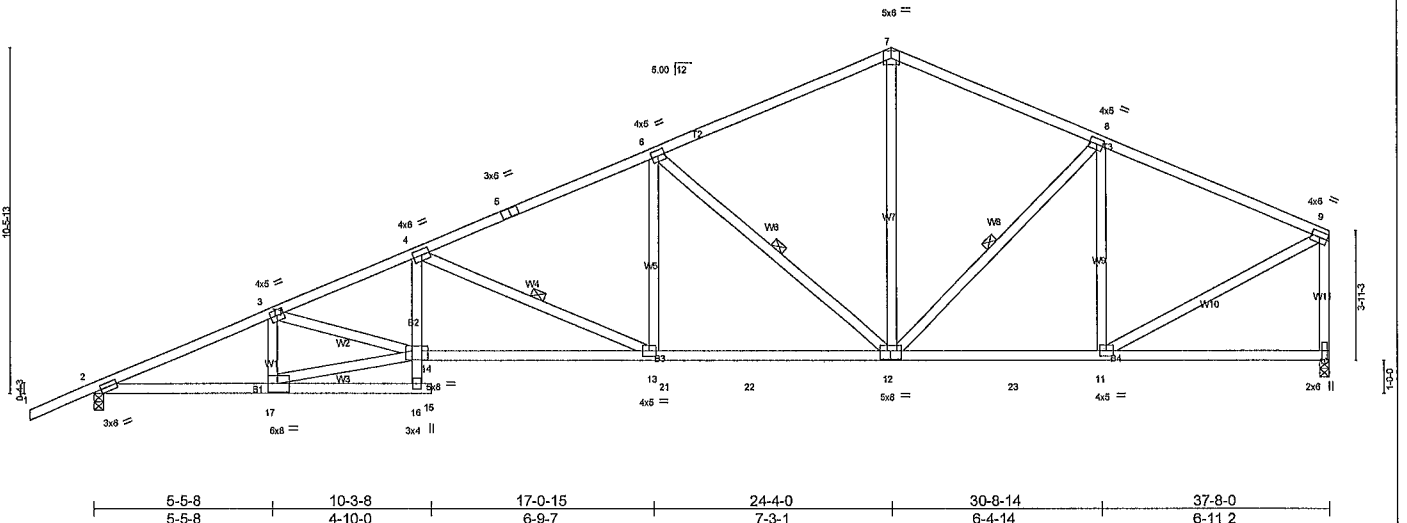


Plate Offsets (X,Y). [2:0-2-13,0-1-8], [12:0-4-0,0-3-0], [14:0-5-12,0-3-4], [17:0-3-8,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 2-0-0	TC 0.63	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.75	Vert(LL) 0.33 13-14 >999 240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.82	Vert(TL) -0.48 13-14 >933 180		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)	Horz(TL) 0.15 10 n/a n/a		
				Weight: 227 lb	FT = 20%

LUMBER
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No 2 *Except*
 B2: 2x4 SP No.3
 WEBS 2x4 SP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-1-3 oc purlins except end verticals.
 BOT CHORD Rigid ceiling directly applied or 4-4-7 oc bracing Except:
 10-0-0 oc bracing: 14-16
 WEBS 1 Row at midpt 4-13 6-12, 8-12

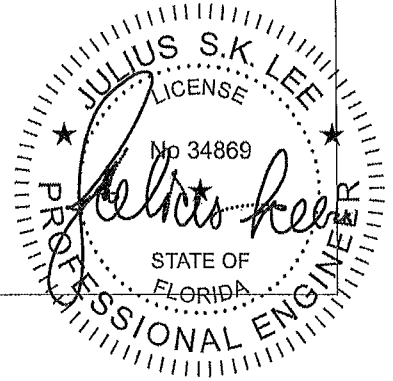
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1175/0-3-8 (min 0-1 11) 10=1112/0-3-8 (min 0-1 10)
 Max Horz 2=248(LC 12)
 Max Uplift 2=351(LC 12) 10=257(LC 13)
 Max Grav 2=1321(LC 2) 10=1192(LC 2)

FORCES (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown
 TOP CHORD 2-3=-2829/1484, 3-4=-3384/1861 4-5=-2389/1301 5-6=-2279/1315, 6-7=-1532/927
 7-8=-1522/933 8-9=-1407/774, 9-10=-1348/761
 BOT CHORD 2-17=-1538/2809 4-14=-240/498, 13-14=-1830/3170 13-21=-1156/2141 21-22=-1156/2141,
 12-22=-1156/2141 12-23=-638/1235 11 23=-638/1235
 WEBS 3-17=-594/399 14-17=-1438/2452 3-14=-279/534 4-13=-1123/735, 6-13=-244/598
 6-12=-1116/702, 7-12=-436/775, 8-11=-525/382 9-11=-702/1372

- NOTES** (8-10)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II Exp C Encl. GCp=0.18; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members with BCDL = 5.0psf
 - 5) All bearings are assumed to be SP No 2 excepting capacity of 565 psi
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=351 10=257
 - 7) Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss.
 - 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 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



April 15, 2014

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 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 PE,
 1109 Coastal Bay
 Boynton Beach, FL 33435

Job 567855	Truss T22	Truss Type Hip Truss	Qty 1	Ply 1	McCarly Res.	18079254
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Builders FirstSource Lake City FL 32055 7350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13.60 13 2014 Page 1
 ID sXrmzdkhgrWimYdVnILX1zQVAz-QVMGQKpU8jPX6dE9VfUqpQ2RDa3LHCjmmgmlwmzQS00

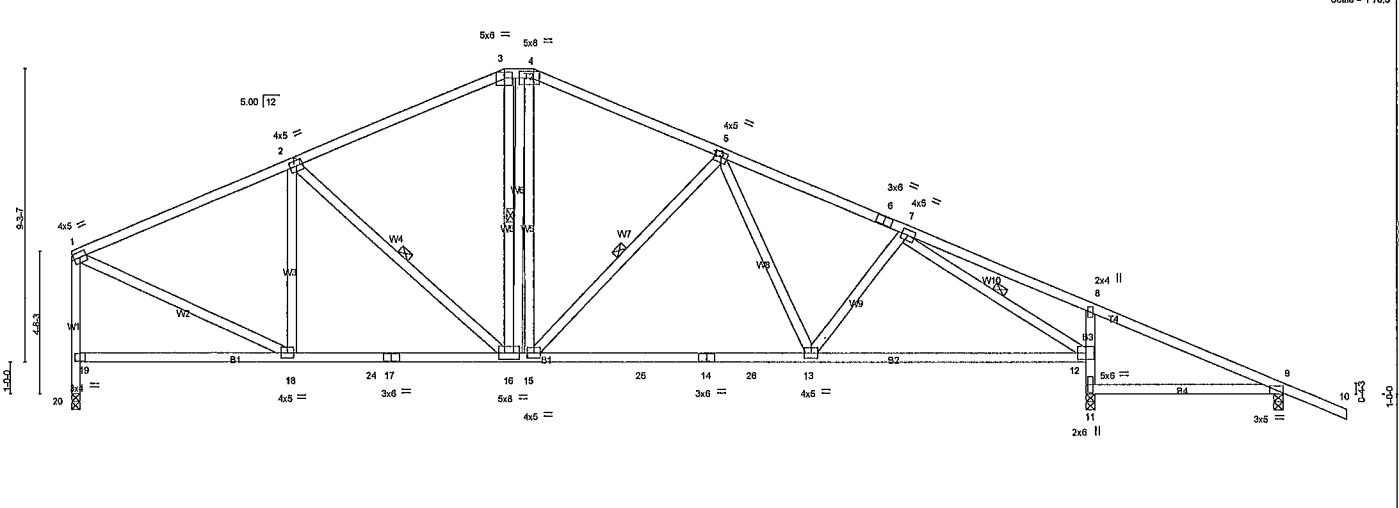
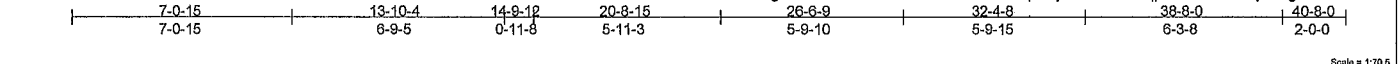


Plate Offsets (X,Y)	[3:0-3-0-0-2-4], [4:0-5-12,0-2-8], [9:Edge,0-0-6]
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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 2-0-0	TC 0 70	in (loc) l/defl L/d	MT20	244/190
TCDL 7 0	Lumber Increase 1.25	BC 0 84	Vert(LL) -0 21 13-15 >999 240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0 72	Vert(TL) -0 34 13-15 >999 180		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)	Horz(TL) 0 12 9 n/a n/a		
				Weight: 245 lb	FT = 20%

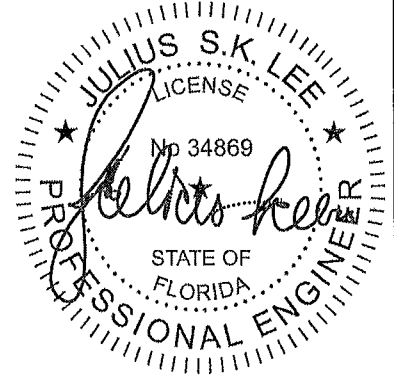
LUMBER	BRACING	
TOP CHORD 2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-6-1 oc purlins, except end verticals
BOT CHORD 2x4 SP No.2 *Except*	BOT CHORD	Rigid ceiling directly applied or 4-9-0 oc bracing
B3: 2x4 SP No.3	WEBS	1 Row at midpt 2-16 4-18, 5-15 7 12
WEBS 2x4 SP No.3 *Except*		
W1 2x4 SP No.2		MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size)	11=1135/0-3-8 (min 0-1 10) 9=249/0-3-8 (min 0-1-8) 20=968/0-3-8 (min. 0-1-8)
	Max Horz 20=-237(LC 13)
	Max Uplift 11=-290(LC 13) 9=-205(LC 9) 20=-239(LC 12)
	Max Grav 11=1247(LC 2), 9=301(LC 28) 20=1029(LC 2)

FORCES (lb) - Max. Comp./Max. Ten.	All forces 250 (lb) or less except when shown.
TOP CHORD	1-2=-1280/659 2-3=-1274/774, 3-4=-1135/772 4-5=-1281/779, 5-6=-1563/941 6-7=-1653/924, 7-8=-912/70 8-9=-309/526 19-20=-1198/656, 1 19=-1162/656
BOT CHORD	18-19=-90/362 18-24=-266/1066, 17-24=-266/1066, 16-17=-266/1066, 15-16=-200/1021 15-25=-462/1345, 14-25=-462/1345, 14-26=-462/1345, 13-26=-462/1345 12-13=-569/1376, 11 12=-1372/712, 8-12=-375/326, 9-11=-627/372
WEBS	2-18=-391/350 4-16=-305/109, 4-15=-196/522, 5-15=-490/391 7-12=-1698/723, 1-18=-655/1215

- NOTES (10-12)
- Unbalanced roof live loads have been considered for this design
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4 2psf BCDL=3.0psf h=18ft, Cat. II Exp C, Encl. GCPI=0 18 MWFRS (envelope) and C-C Exterior(2) zone porch right exposed; C-C for members and forces & MWFRS for reactions shown Lumber DOL=1 60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf
 - All bearings are assumed to be SP No 2 crushing capacity of 565 psi
 - Bearing at joint(s) 20 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (j=lb) 11=290, 9=205, 20=239
 - Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss
 - 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



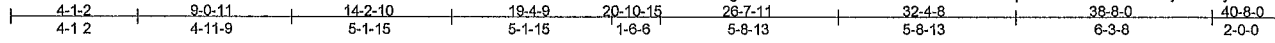
April 15, 2014

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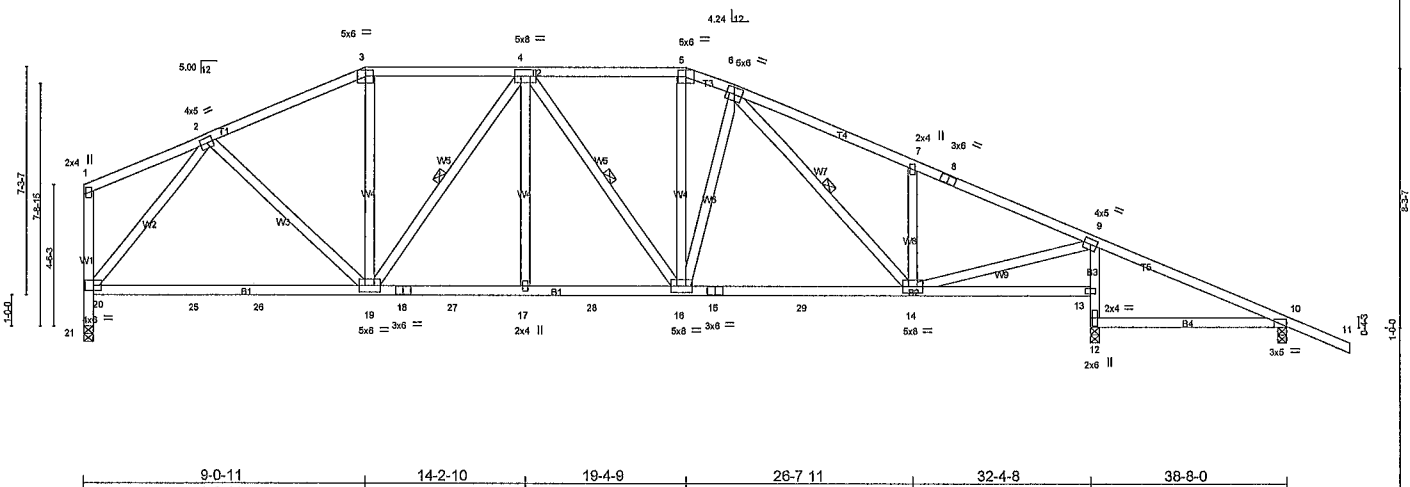
Julius Lee PE
 1109 Coastal Bay
 Boynton Beach, FL 33435

Job 567855	Truss T24	Truss Type Hip Truss	Qty 1	Ply 1	McCarthy Res.	18079256
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Builders FirstSource, Lake City FL 32055
 7.350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:50:18 2014 Page 1
 ID sXrmzdKhgurWimYdVniLX1zQVAz-mU99T1tdZF2qCO67IC4?WUmI0bnryPCVvyUWbzzQSO.

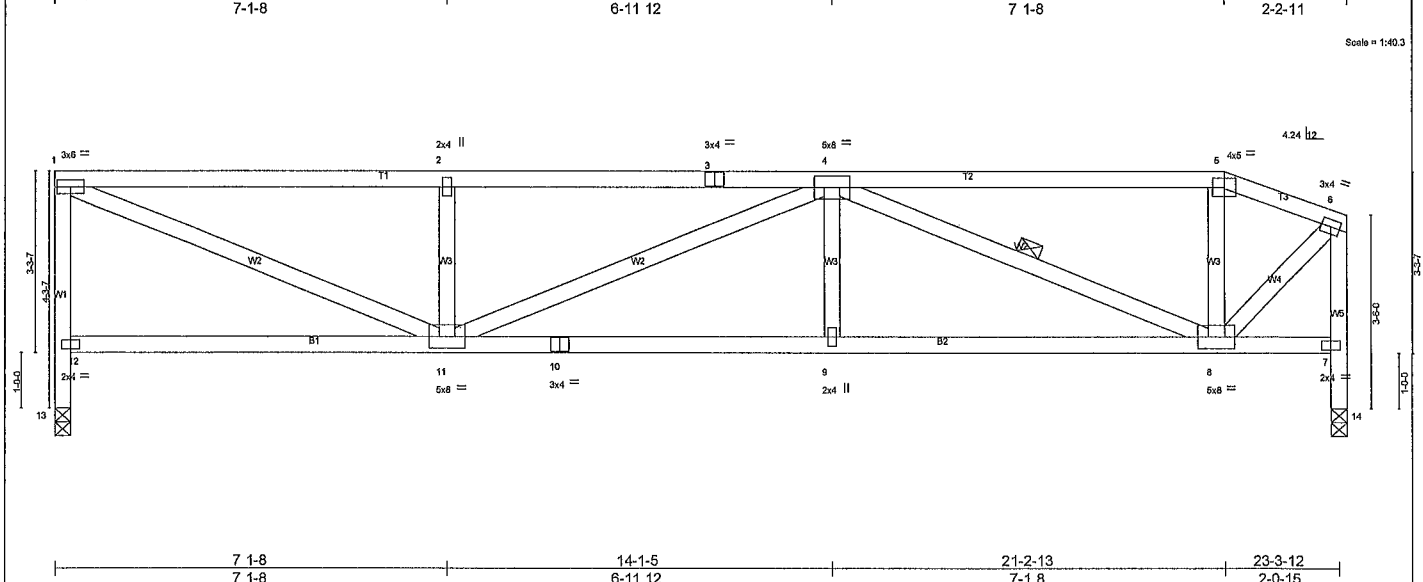


Scale = 1/12



Job 687855	Truss T28	Truss Type Half Hip Truss	Qty 1	Ply 1	McCarthy Res.	18079260
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Builders FirstSource Lake City FL 32055 7,350 s Sep 27 2012 MITek Industries, Inc. Tue Apr 15 13:50:25 2014 Page 1
 ID sXrmzdKhgurWmYdVniLX1zQVAz-3q4pxQy0KPwqYT9TCAlELYYYPBu5b7XXYgOL3zQSO



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 0.49 BC 0.46 WB 0.83 (Matrix-M)	DEFL in (loc) l/defl L/d Vert(LL) 0.12 9-11 >999 240 Vert(TL) -0.20 9-11 >999 180 Horz(TL) 0.07 14 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 128 lb FT = 20%
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LUMBER TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 4-3-14 oc purlins except end verticals. BOT CHORD Rigid ceiling directly applied or 8-0-0 oc bracing. WEBS 1 Row at midpt 4-8
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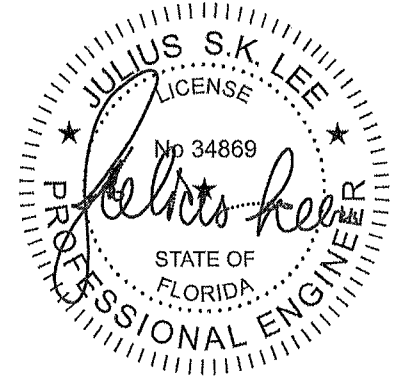
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 13=626/0-3-8 (min 0-1-8) 14=626/0-3-7 (min 0-1-8) Max Horz 13=25(LC 9) Max Uplift 13=230(LC 9) 14=221(LC 9) Max Grav 13=741(LC 2) 14=741(LC 2)
--

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 12-13=758/417 1-12=720/431 1-2=1317/716, 2-3=1317/716, 3-4=1317/716, 4-5=554/321 5-6=583/316, 7 14=758/412 6-7=760/407 BOT CHORD 10-11=788/1482 9-10=788/1482, 8-9=788/1482 WEBS 1 11=769/1390, 2-11=404/306 4-8=1022/552 6-8=404/777
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- NOTES (9-11)**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf BCDL=3.0psf h=18ft, Cat. II Exp C Encl. GCpI=0.18, MWFRS (envelope) and C-C Exterior(2) zone C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Provide adequate drainage to prevent water ponding
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 5) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
 - 6) Bearing at joint(s) 13, 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (I=lb) 13=230, 14=221
 - 8) Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss.
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
 - 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 567855	Truss T30	Truss Type Special Truss	Qty 3	Ply 1	McCarthy Res. 18079262
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Builders FirstSource, Lake City FL 32055 7,360 s Sep 27 2012 MITek Industries Inc. Tue Apr 15 13.50.28 2014 Page 1
 ID'sXrmzdKhgurWlmYdVniLX1zQVAz-UPmxaS_vcKIPPwt2uIGLwbA4VdG7lBbzDW2yOzQSO9

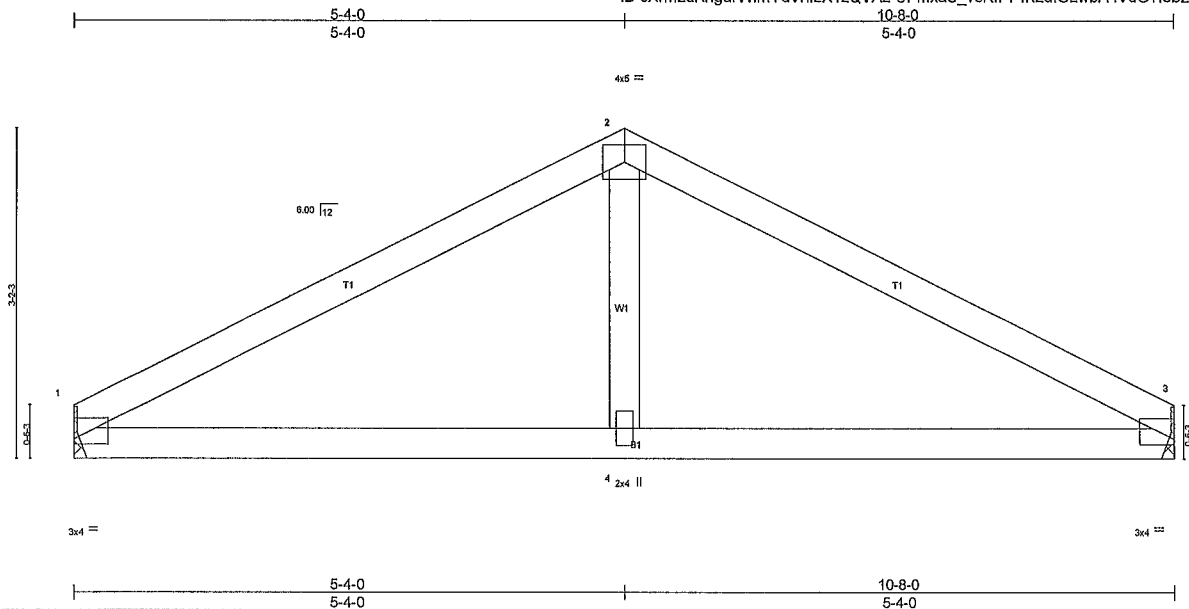


Plate Offsets (X,Y) [1 0-0-0,0-0-10], [3,0-0-0,0-0-10]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.38	Vert(LL)	0.07	4-10	>999	240	MT20	244/180
TCDL 7.0	Lumber Increase	1.25	BC 0.31	Vert(TL)	0.08	4-10	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.07	Horz(TL)	-0.01	1	n/a	n/a		
BCDL 5.0	Code FBC2010/TP12007		(Matrix-M)						Weight: 38 lb	FT = 20%

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-4-5 oc bracing.

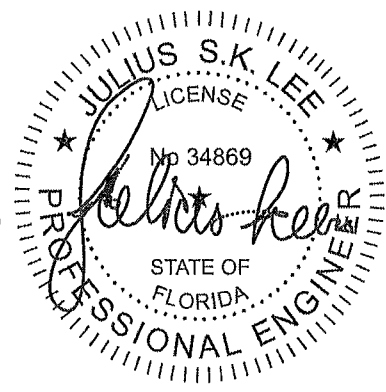
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 1=288/Mechanical 3=288/Mechanical
 Max Horz 1=36(LC 11)
 Max Uplift 1=154(LC 9) 3=154(LC 8)
 Max Grav 1=341(LC 2), 3=341(LC 2)

FORCES (lb) Max. Comp./Max. Ten. All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-468/752 2-3=-468/752
 BOT CHORD 1-4=-581/362 3-4=-581/362
 WEBS 2-4=-379/177

- NOTES** (8-11)
- Unbalanced roof live loads have been considered for this design.
 - Wind ASCE 7 10; Vult=130mph (3-second gust) Vasd=101mph TCDL=4.2psf BCDL=3.0psf h=18ft; Cat. II Exp C, Encl GCpi=0.18, MWFRS (envelope) and C-C Exterior(2) zone porch left 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 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 SP No.2 crushing capacity of 585 psi
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (l=lb) 1=154 3=154.
 - "Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss.
 - 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 TP1 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 HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard



April 15, 2014

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