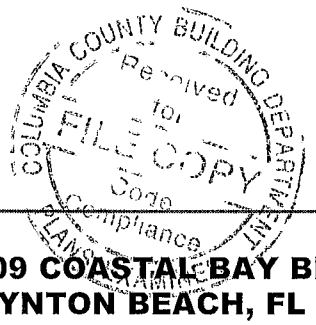
JULIUS LEE PE.



RE 509593 - WOODMAN PARK - ROPER RES

1109 COASTAL BAY BLVD, BOYNTON BEACH, FL 33435

Site Information:
Project Customer WOODMAN PARK Project Name 509593 Model Roper Res
Lot/Block Subdivision
Address 453 SW Long Leaf Dr
City Columbia Cty State FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name MARK E HADDOX License # CRC1329442
Address 4816 W US HWY 90 STE 100
City LAKE CITY, State FL

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 48 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.

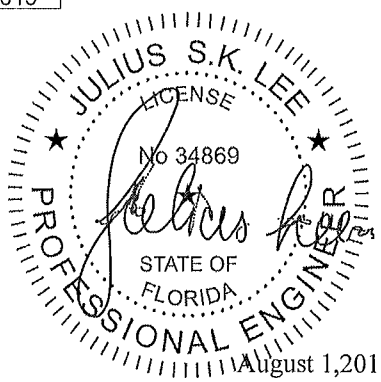
No	Seal#	Truss Name	Date	No	Seal#	Truss Name	Date
1	I7071111	CJ01	8/1/013	18	I7071128	PB06	8/1/013
2	I7071112	CJ02	8/1/013	19	I7071129	T01G	8/1/013
3	I7071113	CJ03	8/1/013	20	I7071130	T02	8/1/013
4	I7071114	CJ04	8/1/013	21	I7071131	T02G	8/1/013
5	I7071115	EJ01	8/1/013	22	I7071132	T03	8/1/013
6	I7071116	EJ01T	8/1/013	23	I7071133	T04	8/1/013
7	I7071117	EJ02	8/1/013	24	I7071134	T05	8/1/013
8	I7071118	EJ03	8/1/013	25	I7071135	T06	8/1/013
9	I7071119	EJ04	8/1/013	26	I7071136	T07	8/1/013
10	I7071120	EJ05	8/1/013	27	I7071137	T08	8/1/013
11	I7071121	EJ06	8/1/013	28	I7071138	T09	8/1/013
12	I7071122	HJ01	8/1/013	29	I7071139	T10	8/1/013
13	I7071123	PB01	8/1/013	30	I7071140	T11	8/1/013
14	I7071124	PB02	8/1/013	31	I7071141	T12	8/1/013
15	I7071125	PB03	8/1/013	32	I7071142	T13	8/1/013
16	I7071126	PB04	8/1/013	33	I7071143	T14	8/1/013
17	I7071127	PB05	8/1/013	34	I7071144	T15	8/1/013

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



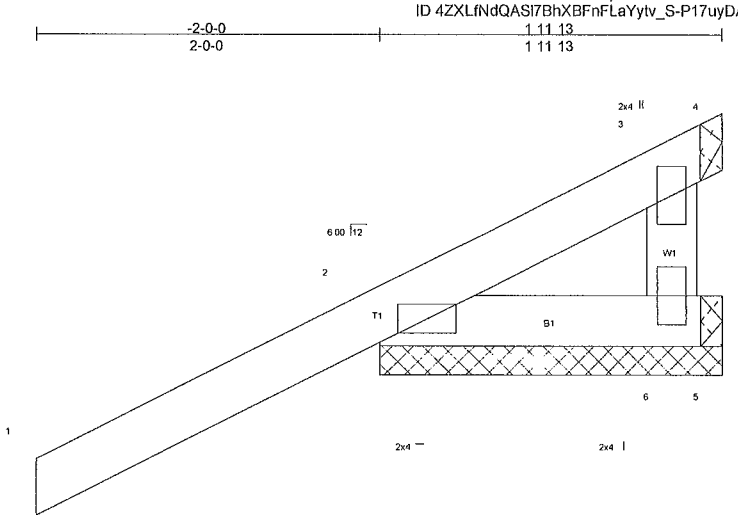
August 1,2013

Julius Lee

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.
509593	CJ01	Jack-Open Truss	2	1	I7071111
					Job Reference (optional)

Builders FirstSource Lake City FL 32055 — 7 350 s Sep 27 2012 MiTek Industries Inc. Thu Aug 01 14:40:59 2013 Page 1

ID 4ZXLfNdQASI7BhXBFnFLaYytv_S-P17uyDAiRx0Tvp?LpABK5E742aMsChTleS8oAyysBKo



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 02 1 n/r 120	MT20 244/190
TCDL 7.0	Lumber Increase 1.25	BC 0 02	Vert(TL) -0 00 1 n/r 120	
BCLL 0 0 *	Rep Stress Incr YES	WB 0 04	Horz(TL) -0 00 4 n/a n/a	
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)		Weight 11 lb FT = 20%

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 1 11 13 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) 4=77/1 11 13 (min. 0-1-8) 2=196/1 11 13 (min 0-1-8) 5=-9/1 11 13 (min. 0-1-8) 6=-68/1 11 13 (min 0-1-8)
Max Horz 2=92(LC 12)
Max Uplift4=-72(LC 16) 2=-147(LC 12) 5=-27(LC 3) 6=-89(LC 2)
Max Grav 4=94(LC 2) 2=239(LC 2) 6=116(LC 16)

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

NOTES (10-12)
1) Wind ASCE 7 10 Vult=130mph (3-second gust) Vasd=101mph TCDL=4 2psf BCDL=3 0psf h=20ft, 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) Truss designed for wind loads in the plane of the truss only For studs exposed to wind (normal to the face) see Standard Industry Gable End Details as applicable or consult qualified building designer as per ANSI/TPI 1
3) Gable requires continuous bottom chord bearing
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads
6) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
7) 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 72 lb uplift at joint 4 147 lb uplift at joint 2 27 lb uplift at joint 5 and 89 lb uplift at joint 6.
9) Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss.
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
11) Note Visually graded lumber designation SPp represents new lumber design values as per SPIB
12) 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

August 1,2013

Julius Lee PE.
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES
509593	CJ03	Jack-Open Truss	2	1	I7071113
					Job Reference (optional)

Builders FirstSource Lake City FL 32055

7 350 s Sep 27 2012 MiTek Industries, Inc. Thu Aug 01 14:41:01 2013 Page 1

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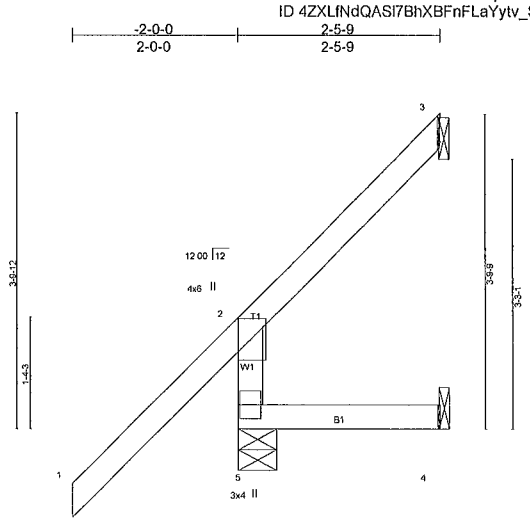


Plate Offsets (X,Y). [2.0-3-0,0-1 12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20 0	Plates Increase	1 25	TC	0.69	Vert(LL)	-0 01	4-5	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1 25	BC	0.20	Vert(TL)	-0 01	4-5	>999	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0 00	Horz(TL)	0 03	3	n/a	n/a		
BCDL	5.0	Code FBC2010/TPI2007		(Matrix-M)							Weight 15 lb	FT = 20%

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

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

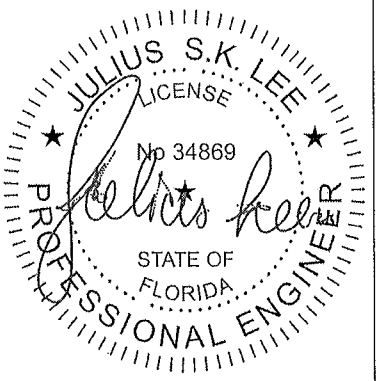
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 5=200/0-5-8 (min 0-1-8) 3=17/Mechanical 4=-1/Mechanical
Max Horz 5=184(LC 12)
Max Uplift 5=-37(LC 12) 3=-87(LC 12) 4=-29(LC 12)
Max Grav 5=243(LC 2) 3=47(LC 21) 4=28(LC 3)

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=20ft, Cat. II Exp C Encl GCpi=0 18 MWFRS (envelope) gable end zone and C-C Exterior(2) zone end vertical left exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) 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 37 lb uplift at joint 5 87 lb uplift at joint 3 and 29 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



August 1,2013

Julius Lee PE
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.
509593	EJ01	JACK-PARTIAL TRUSS	19	1	I7071115
					Job Reference (optional)

Builders FirstSource, Lake City FL 32055 — 7.350 s Sep 27 2012 MiTek Industries Inc. Thu Aug 01 14:41:03 2013 Page 1

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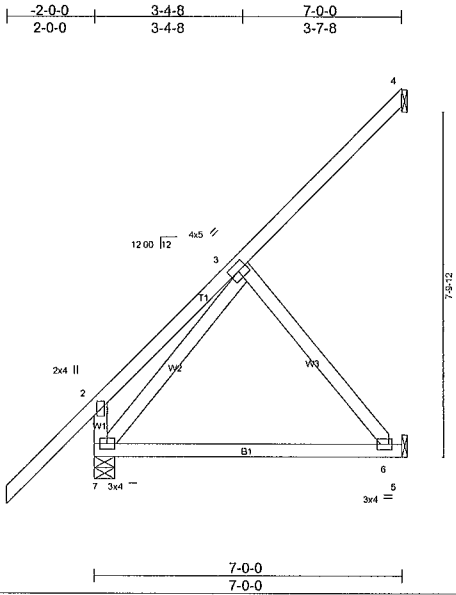


LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20 0	Plates Increase 1.25	TC 0.58	Vert(LL)	-0 13	6-7	>640	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0 46	Vert(TL)	-0.23	6-7	>358	180		
BCLL 0 0 *	Rep Stress Incr YES	WB 0 29	Horz(TL)	-0 01	4	n/a	n/a		
BCDL 5 0	Code FBC2010/TPI2007	(Matrix-M)						Weight. 46 lb	FT = 20%

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

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

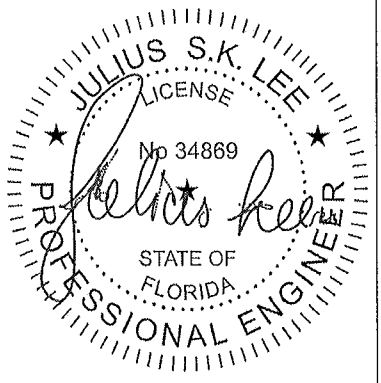
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 4=72/Mechanical 5=97/Mechanical 7=293/0-5-8 (min 0-1-8)
Max Horz 7=284(LC 12)
Max Uplift4=-95(LC 12) 5=-124(LC 12)
Max Grav 4=108(LC 21) 5=153(LC 21) 7=352(LC 2)

FORCES (lb) Max Comp./Max Ten. All forces 250 (lb) or less except when shown
TOP CHORD 2-7=-429/536 2-3=-271/398
WEBS 3-7=-568/346 3-6=-332/312

NOTES (7-9)
1) Wind ASCE 7 10 Vult=130mph (3-second gust) Vasd=101mph TCDL=4 2psf· BCDL=3 0psf· h=20ft Cat. II Exp C Encl GCpi=0 18 MWFRS (envelope) and C-C Exterior(2) zone end vertical left exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1 60 plate grip DOL=1.60
2) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
4) 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 95 lb uplift at joint 4 and 124 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) 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



August 1,2013

Julius Lee PE,
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES
509593	EJ02	JACK-PARTIAL TRUSS	2	1	I7071117

Job Reference (optional)

Builders FirstSource Lake City FL 32055

7.350 s Sep 27 2012 MiTek Industries Inc. Thu Aug 01 14:41:04 2013 Page 1

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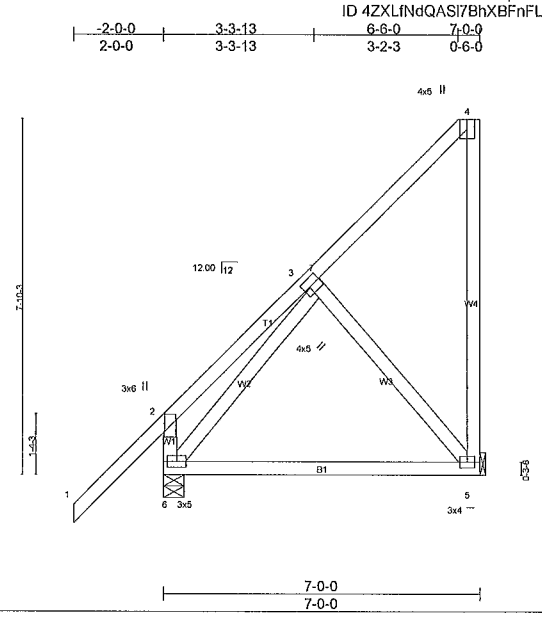

Plate Offsets (X,Y) [7 0-1 12,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20 0	Plates Increase	1 25	TC	0.63	Vert(LL)	-0 09	5-6	>904	240	MT20	244/190
TCDL	7 0	Lumber Increase	1 25	BC	0.35	Vert(TL)	-0 15	5-6	>523	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0 32	Horz(TL)	0 00	5	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight. 57 lb	FT = 20%

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, 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) 6=291/0-5-8 (min 0-1-8) 5=166/Mechanical
Max Horz 6=276(LC 12)
Max Uplift5= 211(LC 12)
Max Grav 6=349(LC 2) 5=256(LC 21)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown.
TOP CHORD 2-6=-309/234
WEBS 3-7=-308/256, 5-7=-318/297

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 TCDL=4.2psf· BCDL=3.0psf· h=20ft, Cat. II Exp C Encl GCpi=0 18, MWFRS (envelope) and C-C Exterior(2) zone· end vertical left exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1 60 plate grip DOL=1.60
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 211 lb uplift at joint 5
7) 'Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss.
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

August 1,2013

⚠ *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 BCSI1 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	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.	I7071119
509593	EJ04	MONO HIP	2	1	Job Reference (optional)	

Builders FirstSource Lake City FL 32055 — 7.350 s Sep 27 2012 MiTek Industries, Inc. Thu Aug 01 14:41:06 2013 Page 1

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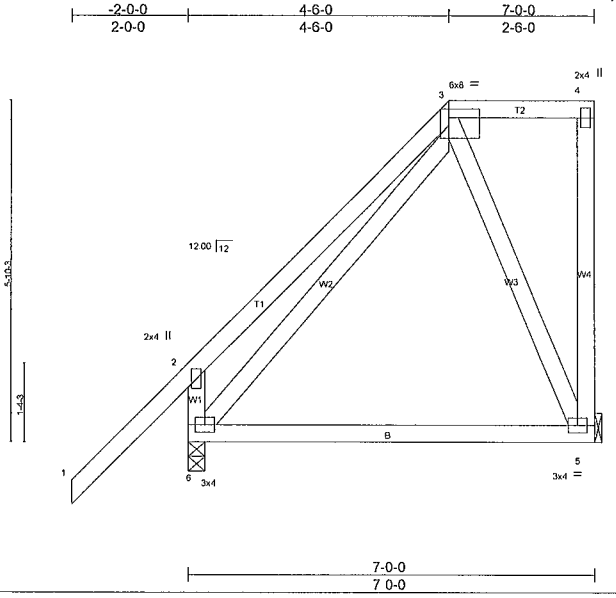


Plate Offsets (X,Y): [3,0-6-4,0-1 12]

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 12	5-6	>663	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.21	5-6	>379	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0.42	Horz(TL)	-0 00	5	n/a	n/a		
BCDL	5.0	Code FBC2010/TPI2007		(Matrix-M)							Weight 56 lb	FT = 20%

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

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

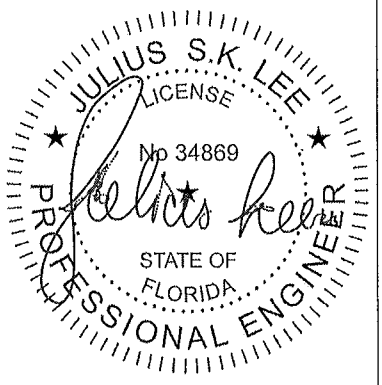
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 5=166/Mechanical 6=291/0-3-8 (min 0-1-8)
Max Horz 6=202(LC 12)
Max Uplift 5=-113(LC 12) 6=-34(LC 12)
Max Grav 5=196(LC 2) 6=349(LC 2)

FORCES (lb) Max Comp./Max. Ten. All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-330/446, 2-6=-514/595
WEBS 3-6=-483/338

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=20ft Cat. II Exp C Encl. GCpi=0 18 MWFRS (envelope) and C-C Exterior(2) zone end vertical left exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1 60 plate grip DOL=1.60
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 113 lb uplift at joint 5 and 34 lb uplift at joint 6
8) 'Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss.
9) 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



August 1,2013

⚠ *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 BCSI1 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	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES
509593	EJ06	Jack-Open Truss	4	1	I7071121
					Job Reference (optional)

Builders FirstSource Lake City FL 32055

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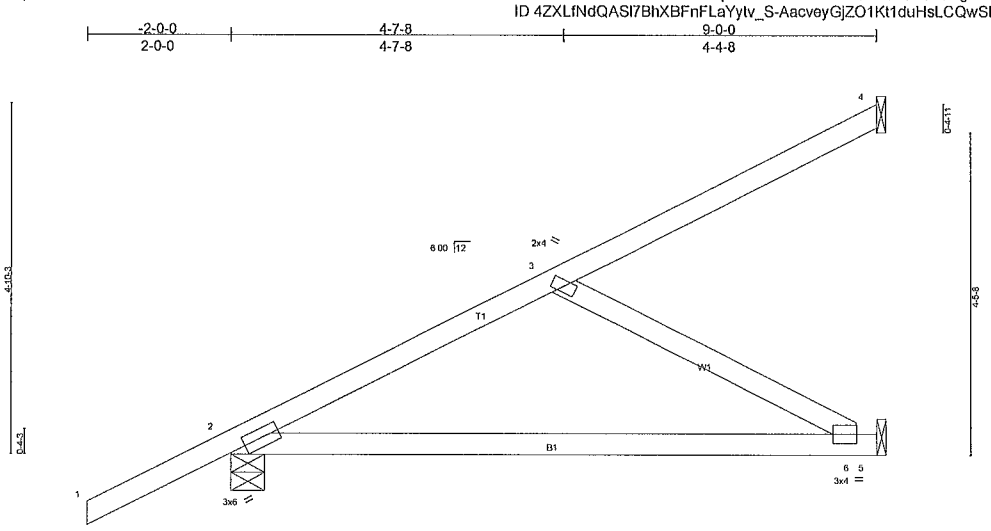


Plate Offsets (X,Y) [2 0-2-9,0-1-8]

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 33	Vert(LL)	-0 15	6-9	>694	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0 28	6-9	>385	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0 17	Horz(TL)	-0 01	5	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight 39 lb	FT = 20%

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-11-3 oc bracing

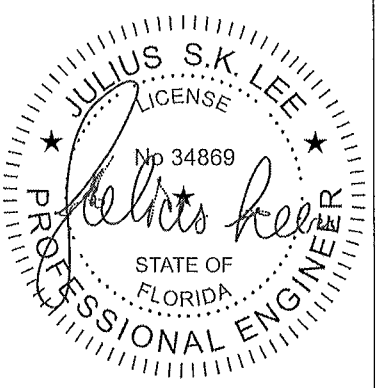
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 4=79/Mechanical 2=348/0-5-8 (min. 0-1-8) 5=144/Mechanical
Max Horz 2=182(LC 12)
Max Uplift 4=-63(LC 12) 2=-91(LC 12) 5=-64(LC 12)
Max Grav 4=97(LC 2) 2=415(LC 2) 5=168(LC 2)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-688/153
BOT CHORD 2-6=-351/850
WEBS 3-6=-369/398

NOTES (7-9)
1) Wind ASCE 7 10 Vult=130mph (3-second gust) Vasd=101mph TCDL=4.2psf BCDL=3 0psf h=20ft Cat. II Exp C Encl GCpi=0 18, MWFRS (envelope) and C-C Exterior(2) zone C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1 60
2) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) 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 63 lb uplift at joint 4 91 lb uplift at joint 2 and 64 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) 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



August 1,2013

Julius Lee PE
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.
509593	PB01	PIGGYBACK TRUSS	15	1	I7071123
					Job Reference (optional)

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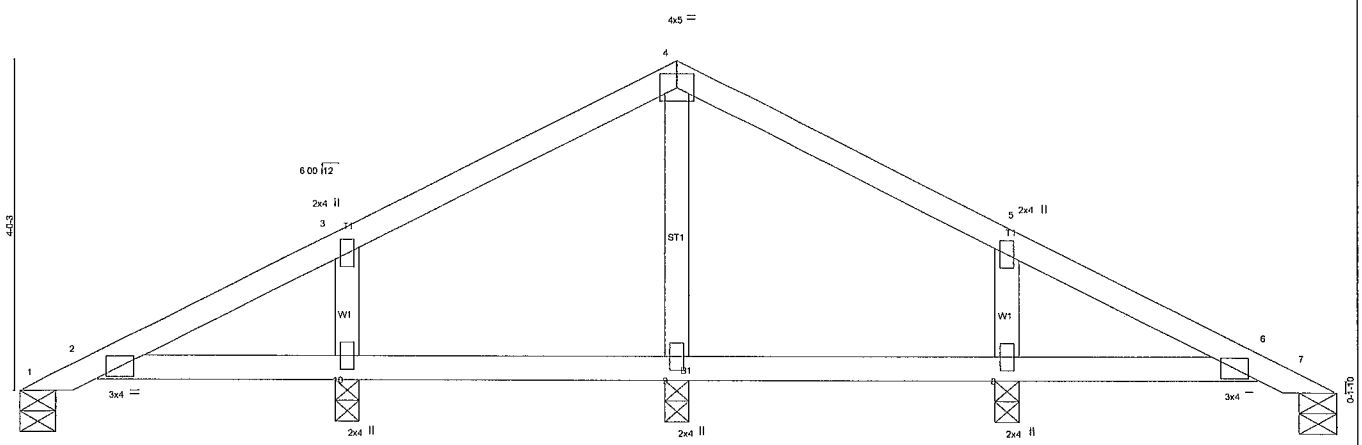
8-0-6 / 8-0-6 — 16-0-12 / 8-0-6

Scale 1:26.4



4-0-0 / 4-0-0 — 8-0-6 / 4-0-6 — 12-0-12 / 4-0-6 — 16-0-12 / 4-0-0

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.19	Vert(LL) 0.01 6 >999 240	MT20 244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.08	Vert(TL) -0.01 6-8 >999 180	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.08	Horz(TL) 0.00 7 n/a n/a	
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)		Weight: 56 lb FT = 20%

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

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

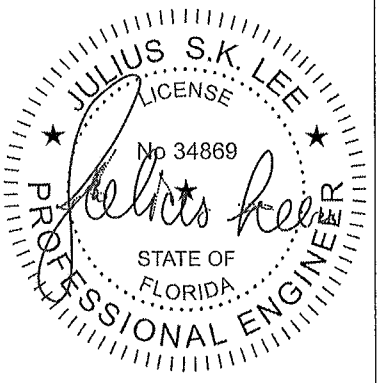
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 0-3-8 except (jt=length) 1=0-5-8 7=0-5-8
(lb) Max Horz 1=-54(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1 7 9 except 10=-131(LC 12) 8=-128(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1 7 except 9=300(LC 2) 10=292(LC 27) 8=292(LC 28)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
WEBS 4-9=-266/134 3-10=-271/269 5-8=-271/269

NOTES (10-12)
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=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
6) Bearing at joint(s) 1 7 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) 1 7 9 except (jt=lb) 10=131 8=128
8) 'Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable or consult qualified building designer
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
11) Note: Visually graded lumber designation SPp represents new lumber design values as per SPIB.
12) 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



August 1,2013

⚠ *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 BCSI1 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	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES	I7071125
509593	PB03	Piggyback Truss	1	1	Job Reference (optional)	

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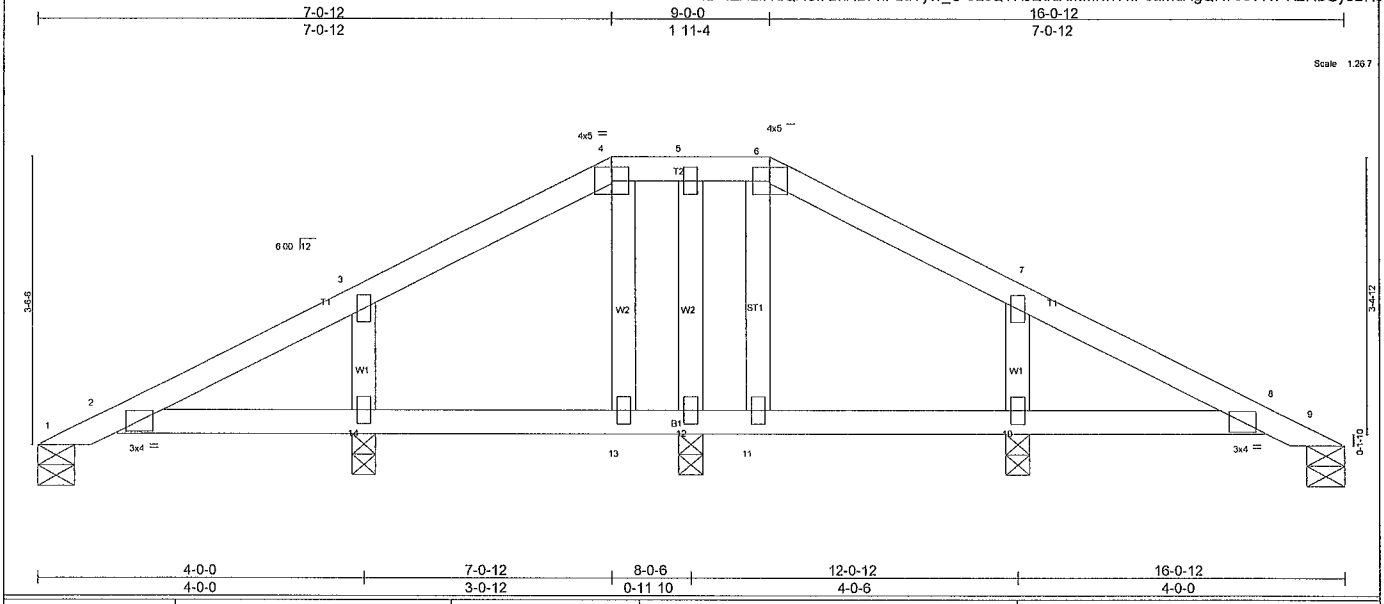

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20 0	Plates Increase	1 25	TC	0 15	Vert(LL)	0 01	2	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1 25	BC	0 12	Vert(TL)	-0 01	2	>999	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0 07	Horz(TL)	0 00	9	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix)							Weight. 64 lb	FT = 20%

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 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 All bearings 0-3-8 except (jt=length) 1=0-5-8, 9=0-5-8
(lb) Max Horz 1=47(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1 9 12 except 14=-120(LC 12) 10=-116(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1 9 except 14=282(LC 27) 10=282(LC 28) 12=313(LC 2)

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

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 TCDL=4 2psf· BCDL=3 0psf· h=20ft· Cat. II Exp C Encl GCpi=0 18 MWFRS (envelope) and C-C Exterior(2) zone·C-C for members and forces & MWFRS for reactions shown Lumber DOL=1 60 plate grip DOL=1 60
3) Provide adequate drainage to prevent water ponding
4) All plates are 2x4 MT20 unless otherwise indicated
5) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads
6) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
7) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
8) Bearing at joint(s) 1 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula Building designer should verify capacity of bearing surface
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 9 12 except (jt=lb) 14=120 10=116
10) 'Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable or consult qualified building designer
12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
13) Note Visually graded lumber designation SPp represents new lumber design values as per SPIB
14) Truss Design Engineer· Julius Lee PE Florida P E License No 34869 Address. 1109 Coastal Bay Blvd Boynton Beach FL 33435

LOAD CASE(S) Standard

August 1,2013

Julius Lee PE.
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.	I7071127
509593	PB05	Piggyback Truss	2	1	Job Reference (optional)	

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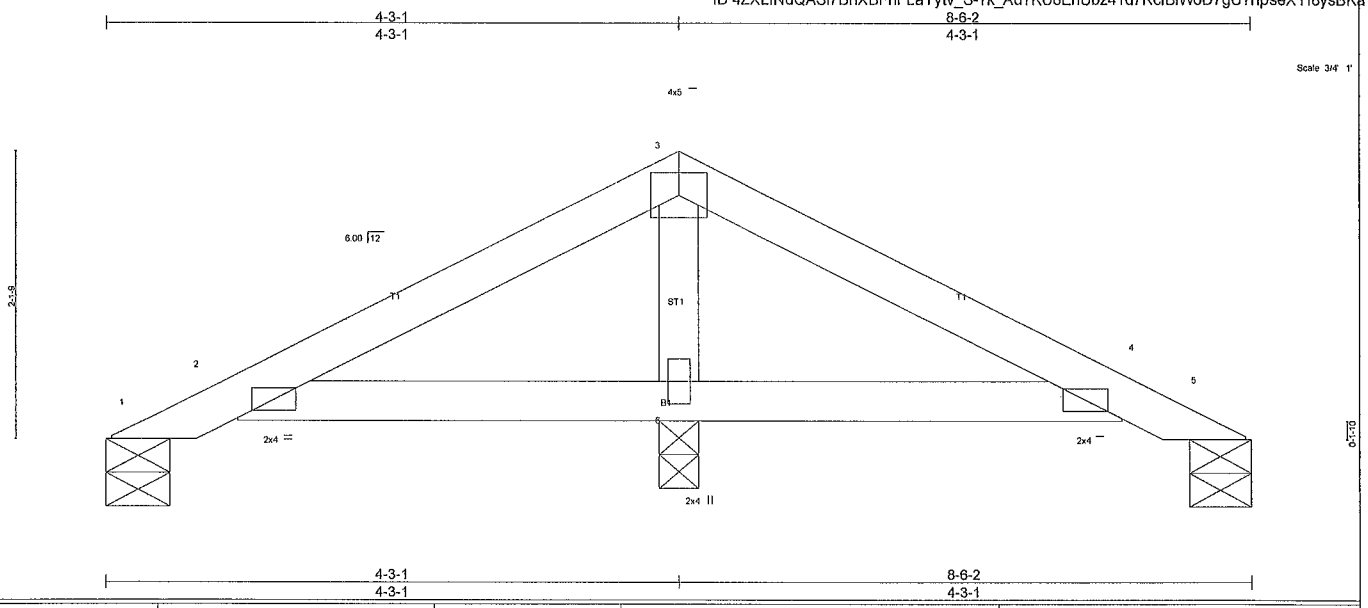


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20 0	Plates Increase	1.25	TC	0 16	Vert(LL)	-0.01	2-6	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0 11	Vert(TL)	-0 01	2-6	>999	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0 12	Horz(TL)	0 00	6	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix)							Weight. 26 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 6-0-0 oc bracing

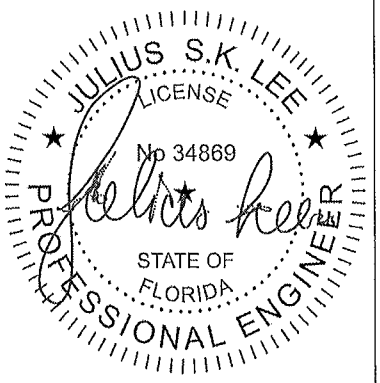
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 1=25/0-5-8 (min. 0-3-4) 5=25/0-5-8 (min. 0-3-4) 6=382/0-3-8 (min 0-1-8)
Max Horz 1=28(LC 9)
Max Uplift 1=-19(LC 28) 5=-19(LC 27) 6=-115(LC 12)
Max Grav 1=61(LC 27) 5=61(LC 28) 6=454(LC 2)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-220/286 3-4=-220/286
BOT CHORD 2-6=-245/271 4-6=-245/271
WEBS 3-6=-449/408

NOTES (10-12)
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=20ft; Cat. II Exp C Encl GCpi=0 18 MWFRS (envelope) and C-C Exterior(2) zone C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1 60
3) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
5) All bearings are assumed to be SP No 2 crushing capacity of 565 psi
6) Bearing at joint(s) 1 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula Building designer should verify capacity of bearing surface
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 5 except (jt=lb) 6=115
8) 'Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable or consult qualified building designer
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
11) Note Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
12) 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



August 1,2013

Julius Lee PE.
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.	I7071129
509593	T01G	COMMON TRUSS	1	1	Job Reference (optional)	

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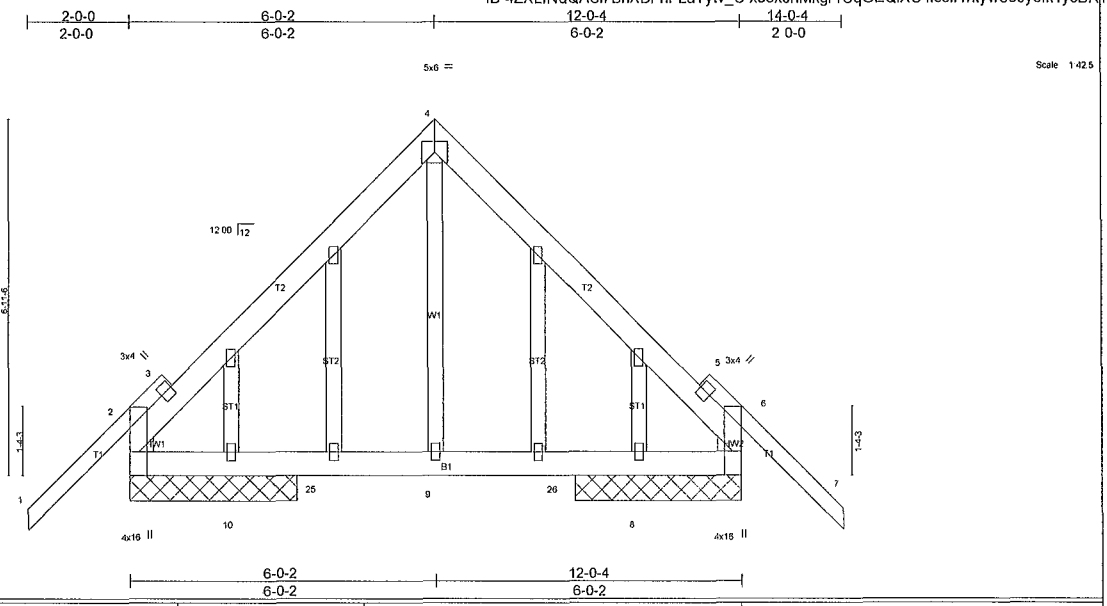


LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20 0	Plates Increase 1.25	TC 0 60	Vert(LL) -0.01 9 >999 240	MT20 244/190
TCDL 7 0	Lumber Increase 1.25	BC 0 13	Vert(TL) -0 01 9 >999 180	
BCLL 0 0 *	Rep Stress Incr YES	WB 0 06	Horz(TL) -0 01 2 n/a n/a	
BCDL 5 0	Code FBC2010/TPI2007	(Matrix-M)		Weight 109 lb FT = 20%

LUMBER
TOP CHORD 2x6 SP No 2 *Except*
T1 2x4 SP No 2
BOT CHORD 2x6 SP No 2
WEBS 2x4 SP No 3
OTHERS 2x4 SP No 3
WEDGE
Left. 2x4 SYP No.3, Right 2x4 SYP 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

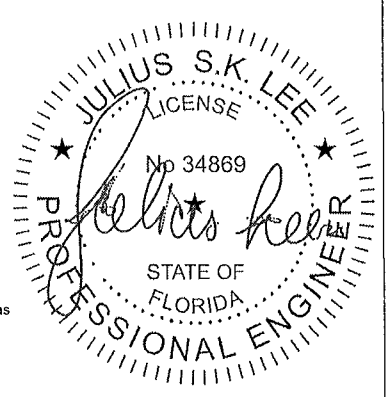
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 3-3-8
(lb) Max Horz 2=-238(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 10 8 except 2=-163(LC 13) 6=-155(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 10 8 except 2=396(LC 2) 6=396(LC 2)
2=365(LC 1) 6=365(LC 1)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-405/517 3-4=-348/134 4-5=-348/133 5-6=-415/509
BOT CHORD 2-10=-171/296 10-25=-171/296 9-25=-171/296 9-26=-171/296 8-26=-171/296 6-8=-171/296

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 TCDL=4 2psf· BCDL=3 0psf· h=20ft, Cat. II Exp C· Encl GCpi=0 18 MWFRS (envelope) gable end zone and C-C Exterior(2) zone end vertical left and right exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only For studs exposed to wind (normal to the face) see Standard Industry Gable End Details as applicable or consult qualified building designer as per ANSI/TPI 1
4) All plates are 2x4 MT20 unless otherwise indicated
5) The Fabrication Tolerance at joint 2 = 12% joint 6 = 12%
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members with BCDL = 5 0psf
9) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10 8 except (jt=lb) 2=163 6=155, 2=163, 6=155
11) 'Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss.
12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
13) Note Visually graded lumber designation SPp, represents new lumber design values as per SPIB
14) Truss Design Engineer· Julius Lee PE Florida P E. License No. 34869· Address. 1109 Coastal Bay Blvd Boynton Beach FL 33435

LOAD CASE(S) Standard



August 1,2013

Julius Lee PE.
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES
509593	T02G	GABLE	1	1	I7071131
					Job Reference (optional)

Builders FirstSource Lake City FL 32055

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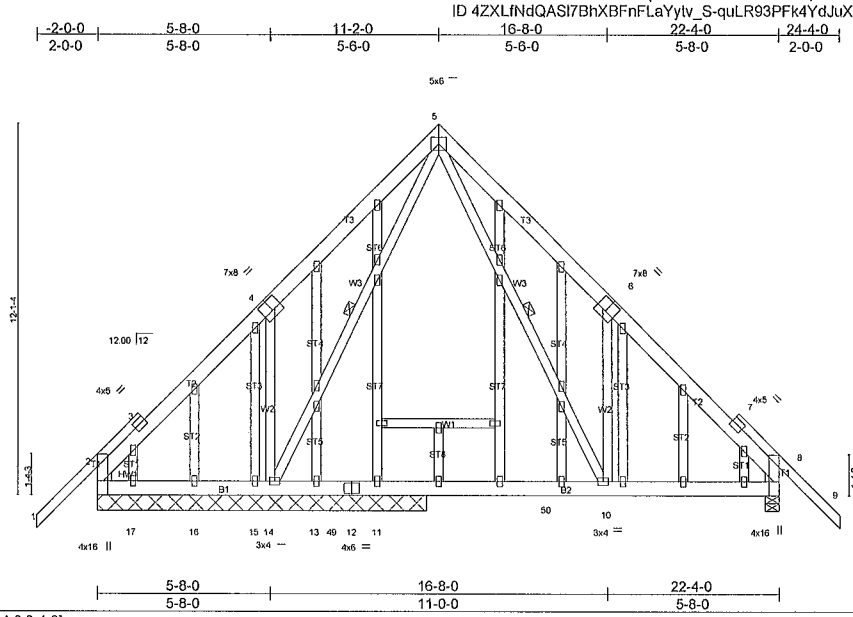


Plate Offsets (X,Y) [4 0-4-0,0-4-8], [6 0-4-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1 25	TC	0 57	Vert(LL)	-0 03	10-11	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1 25	BC	0 21	Vert(TL)	-0 05	10-11	>999	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0.40	Horz(TL)	0 02	8	n/a	n/a		
BCDL	5.0	Code FBC2010/TPI2007		(Matrix-M)							Weight. 281 lb	FT = 20%

LUMBER
TOP CHORD 2x6 SP No 2 *Except*
T1 2x4 SP No.2
BOT CHORD 2x6 SP No 2
WEBS 2x4 SP No 3 *Except*
W3. 2x4 SP No.2
OTHERS 2x4 SP No 3
WEDGE
Left. 2x4 SYP No.3, Right. 2x4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing
WEBS 1 Row at midpt 5-10 5-14

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

REACTIONS All bearings 10-9-4 except (jt=length) 8=0-5-8.
(lb) Max Horz 2=402(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 15 except 2= 134(LC 8) 8=-272(LC 13)
14=-449(LC 12) 13=-160(LC 18) 17=-204(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 13 15 16 17 2 except 2=273(LC 22)
8=619(LC 2) 14=732(LC 21) 11=387(LC 18)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3= 192/277 4-5=-325/328, 5-6=-972/628 6-7=-643/245 7-8=-679/205
BOT CHORD 2-17=-219/343, 16-17=-219/343 15-16=-219/343 14-15=-219/343 13-14=-121/319
13-49=-121/319 12-49=-121/319 11 12= 121/319 11-50=-121/319 10-50=-121/319
8-10=-29/443
WEBS 5-10=-562/781 6-10=-607/546 5-14=-399/79 4-14=-620/548

NOTES (11 13)
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=20ft Cat. II Exp C Encl GCpi=0 18 MWFRS (envelope) gable end zone and C-C Exterior(2) zone end vertical left and right exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only For studs exposed to wind (normal to the face) see Standard Industry Gable End Details as applicable or consult qualified building designer as per ANSI/TPI 1
4) All plates are 2x4 MT20 unless otherwise indicated
5) Vertical gable studs spaced at 2-0-0 oc and horizontal gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf
8) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 15 except (jt=lb) 2=134 8=272 14=449 13=160, 17=204 2=134
10) 'Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
11) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
12) Note· Visually graded lumber designation SPp, represents new lumber design values as per SPIB
13) Truss Design Engineer· Julius Lee, PE. Florida P E. License No 34869: Address. 1109 Coastal Bay Blvd Boynton Beach, FL 33435

Continued on page 2

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

August 1,2013

Julius Lee PE
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES	I7071132
509593	T03	COMMON TRUSS	3	1	Job Reference (optional)	

Builders FirstSource Lake City FL 32055 — 7.350 s Sep 27 2012 MiTek Industries Inc. Thu Aug 01 14:41:20 2013 Page 1

ID 4ZXLfNdQASI7BhXBFnFLaYytv_S-I4vqMPQtVOgUx16OY54FSgVZU2Ipd35rTEkQPEysBKT

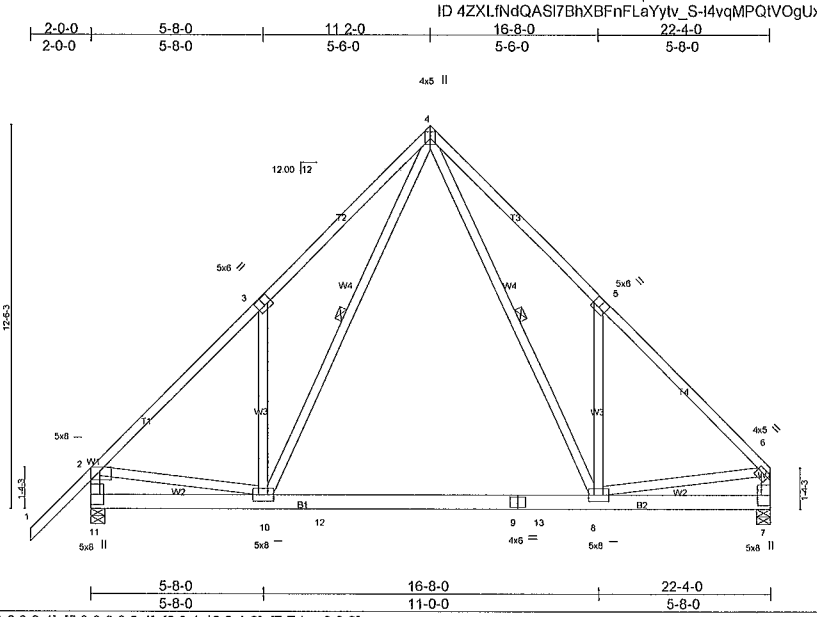


Plate Offsets (X,Y) [2 0-3-8,Edge], [3 0-3-0,0-3-4], [5:0-3-0,0-3-4], [6:0-1 12,0-1-8], [7,Edge,0-3-8]

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 79	Vert(LL)	-0 28	8-10	>938	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0.98	Vert(TL)	-0 52	8-10	>505	180		
BCLL	0 0 *	Rep Stress Incr	NO	WB	0 53	Horz(TL)	0 01	7	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight 179 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
W4 2x4 SP No 2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1 15 oc purlins, except end verticals
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing
WEBS 1 Row at midpt 4-8, 4-10

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

REACTIONS (lb/size) 11=1076/0-5-8 (min 0-1 14) 7=972/0-5-8 (min 0-1 11)
Max Horz 11=357(LC 9)
Max Uplift11=-292(LC 12) 7=-260(LC 12)
Max Grav 11=1175(LC 21) 7=1120(LC 21)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-1776/634 3-4=-2005/1005 4-5=-2025/1011 5-6=-1777/627 2-11=-1747/720 6-7=-1587/570
BOT CHORD 10-11=-343/340 10-12=-132/667 9-12=-132/667 9-13=-132/667 8-13=-132/667
WEBS 4-8=-673/1296 5-8=-607/512 4-10=-658/1273 3-10=-591/488 2-10=-273/1114 6-8=-264/1123

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=20ft; Cat. II Exp C Encl GCpi=0 18 MWFRS (envelope) and C-C Exterior(2) zone end vertical left and right exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1 60 plate grip DOL=1 60
3) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, 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 (jt=lb) 11=292, 7=260
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 2=-44, 2-4=-44 4-6=-44 10-11=-10 10-12=-61(F=-51), 12-13=-91(F=-51), 8-13=-61(F=-51) 7-8=-10

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

August 1,2013

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 paramenters 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

Julius Lee PE.
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.	I7071134
509593	T05	Half Hip Truss	1	1	Job Reference (optional)	

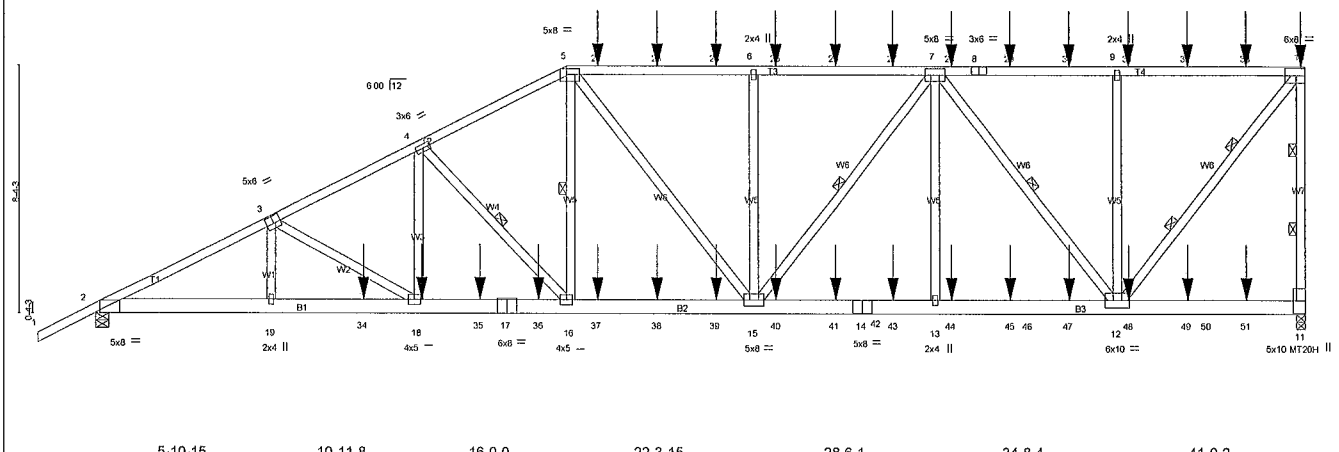
Builders FirstSource Lake City FL 32055

7.350 s Sep 27 2012 MiTek Industries, Inc. Thu Aug 01 14:41:22 2013 Page 1

ID 4ZXLfNdQASI7BhXBFnFLaYytv_S-ET0an4R71?wCALGmfW6jX5asfr?m5u47wYDWU7ysBKR

2-0-0	5-10-15	10-11-8	16-0-0	22-3-15	28-6-1	34-8-4	41-0-2
2-0-0	5-10-15	5-0-8	5-0-8	6-3-14	6-2-2	6-2-2	6-3-14

Scale 1:73.5



5-10-15	10-11-8	16-0-0	22-3-15	28-6-1	34-8-4	41-0-2
5-10-15	5-0-8	5-0-8	6-3-14	6-2-2	6-2-2	6-3-14

Plate Offsets (X,Y) [2,0-1 10,Edge], [3,0-3-0,0-3-0], [5:0-5-8,0-2-4], [11 Edge,0-3-8]

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 94	Vert(LL)	0 47	15-16	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0 88	Vert(TL)	-0 57	15-16	>863	180	MT20H	187/143
BCLL	0 0 *	Rep Stress Incr	NO	WB	0 88	Horz(TL)	0 15	11	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight 307 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2 *Except*
T3 2x4 SP No 1
BOT CHORD 2x6 SP No.2 *Except*
B1 2x6 SP SS
WEBS 2x4 SP No.3 *Except*
W7 W6. 2x4 SP No 2

BRACING
TOP CHORD Structural wood sheathing directly applied except end verticals
BOT CHORD Rigid ceiling directly applied or 4-1 1 oc bracing
WEBS 1 Row at midpt 4-16 5-16 7 15, 7 12
2 Rows at 1/3 pts 10-11 10-12

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

REACTIONS (lb/size) 11=2614/0-3-8 (min. 0-3-5) 2=2367/0-5-8 (min 0-3-3)
Max Horz 2=305(LC 8)
Max Uplift11=-2369(LC 5) 2=-1702(LC 8)
Max Grav 11=2790(LC 2) 2=2679(LC 2)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-5457/3647 3-4=-4926/3480 4-5=-3989/3018 5-22=-3626/2940 22-23=-3626/2940
23-24=-3626/2940 6-24=-3626/2940 6-25=-3626/2940 25-26=-3626/2940 26-27=-3626/2940
7 27=-3626/2940 7-28=-1875/1586 8-28= 1875/1586 8-29= 1875/1586 29-30=-1875/1586
9-30= 1875/1586 9-31=-1875/1586 31-32=-1875/1586, 32-33=-1875/1586 10-33=-1875/1586
10-11=-2664/2261
BOT CHORD 2 19=-3473/4828 19-34=-3473/4827 18-34=-3473/4827 18-35=-3236/4353 17 35=-3236/4353
17-36=-3236/4353 16-36=-3236/4353, 16-37=-2750/3532 37-38= 2750/3532 38-39=-2750/3532
15-39=-2750/3532 15-40=-2541/3057 40-41= 2541/3057 41-42= 2541/3057 14-42=-2541/3057
14-43=-2541/3057 13-43=-2541/3057 13-44=-2541/3057 44-45=-2541/3057 45-46=-2541/3057
46-47=-2541/3057 12-47=-2541/3057
WEBS 3-19=-80/296, 3-18=-548/274 4-18=-595/1020 4-16=-1223/729 5-16=-941/1314 5-15=-445/187
6-15=-476/415 7 15=-681/929 7 13=-358/468 7 12=-1929/1559 9-12=-478/409
10-12=-2570/3039

NOTES (11 13)
1) Wind ASCE 7 10, Vult=130mph (3-second gust) Vasd=101mph TCDL=4 2psf BCDL=3 0psf h=20ft, Cat. II Exp C, Encl GCpi=0 18 MWFRS (envelope) Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding
3) All plates are MT20 plates unless otherwise indicated
4) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, 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 (jt=lb) 11=2369 2=1702
8) 'Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss.

Continued on page 2

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

August 1,2013

Julius Lee PE.
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.	I7071135
509593	T06	Half Hip Truss	1	1	Job Reference (optional)	

Builders FirstSource Lake City FL 32055

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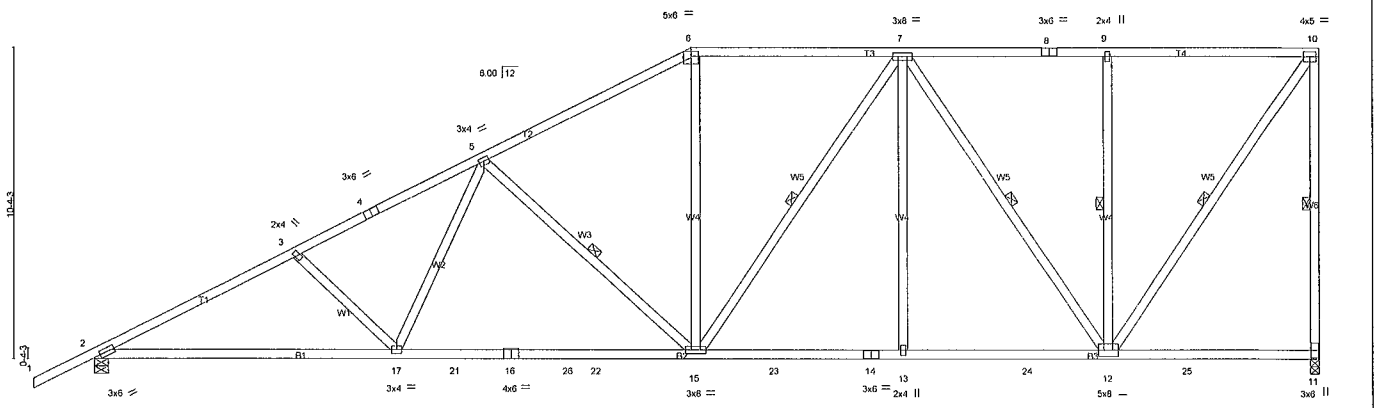
ID 4ZXLfNdQASI7BhXBFnFLaYytv_S-Ar8KCmTOZcAwPfQ9nw8BcWfCOfhZZqdQOridY?ysBKP

2-0-0	6-9-10	13-1-2	20-0-0	27-0-10	33-11-8	41-0-2
2-0-0	6-9-10	6-3-8	6-10-14	7-0-10	6-10-14	7-0-10

Scale 1 72 5



10-2-5	20-0-0	27-0-10	33-11-8	41-0-2
10-2-5	9-9-11	7-0-10	6-10-14	7-0-10

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

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 92	Vert(LL)	-0 36	15-17	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0 86	Vert(TL)	-0 62	15-17	>793	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0 75	Horz(TL)	0 11	11	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight. 271 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W6. 2x4 SP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-3 oc purlins except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-6-9 oc bracing
WEBS 1 Row at midpt 10-11 5-15 7 15 7 12 9-12 10-12

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

REACTIONS (lb/size) 11=1423/0-3-8 (min 0-2-0) 2=1363/0-5-8 (min 0-1 15)
Max Horz 2=374(LC 12)
Max Uplift 11=-396(LC 9) 2=-343(LC 12)
Max Grav 11=1423(LC 1) 2=1424(LC 2)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-2903/1354 3-4=-2669/1251 4-5=-2556/1265 5-6=-1942/958, 6-7=-1699/933, 7-8=-979/498 8-9=-979/498, 9-10=-979/498, 10-11=-1575/843
BOT CHORD 2-17=-1649/2655, 17 21=-1330/2230 16-21=-1330/2230 16-26=-1330/2230, 22-26=-1330/2230 15-22=-1330/2230 15-23=-807/1555 14-23=-807/1555, 13-14= 807/1555 13-24=-807/1555 12-24=-807/1555
WEBS 3-17=-340/339 5-17=-187/448 5-15=-736/546 6-15=-139/475 7 15=-222/253 7 13=0/289 7 12=-1018/546 9-12=-412/319 10-12=-872/1712

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=20ft, Cat. II Exp C, Encl GCpi=0 18 MWFRS (envelope) and C-C Exterior(2) zone C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1 60
3) Provide adequate drainage to prevent water ponding
4) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members with BCDL = 5.0psf
6) 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 (jt=lb) 11=396 2=343
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

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

August 1,2013

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 paramenters 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

Julius Lee PE
1109 Coastal Bay
Boynton Beach,FL 33435

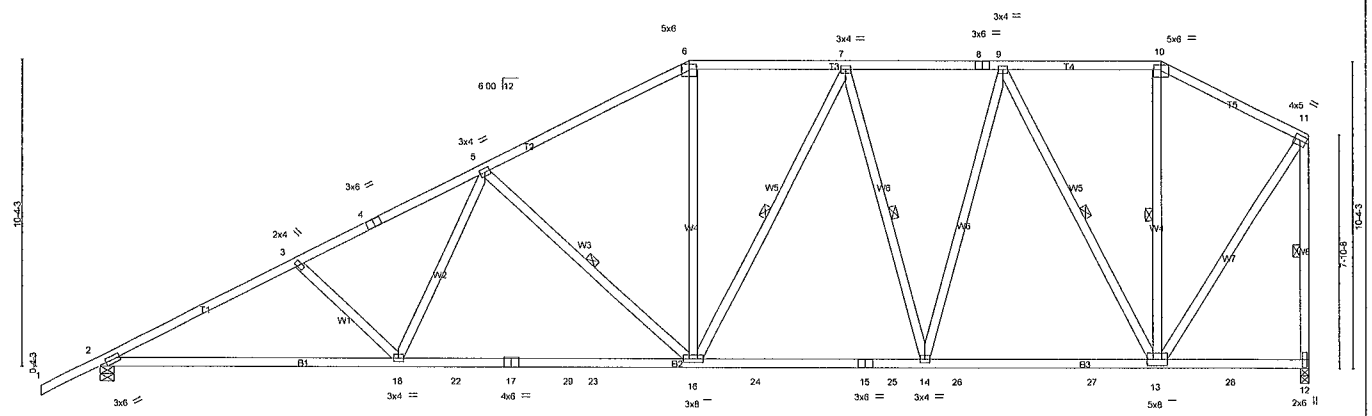
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES	I7071137
509593	T08	Piggyback Base Truss	3	1	Job Reference (optional)	

Builders FirstSource Lake City FL 32055 — 7 350 s Sep 27 2012 MiTek Industries, Inc. Thu Aug 01 14:41:27 2013 Page 1

ID 4ZXLfNdQASl7BhXBFnFLaYytv_S-bQqTqoVGrXYVG68kS3iuE8HoZsjQm6vt4pwH9KysBKM

-2-0-0	6-9-10	13-1-2	20-0-0	25-4-4	30-8-8	36-0-12	41-0-2
2-0-0	6-9-10	6-3-8	6-10-14	5-4-4	5-4-4	5-4-4	4-11-6

Scale = 1:73.5



10-2-5	20-0-0	28-0-6	36-0-12	41-0-2
10-2-5	9-9-11	8-0-6	8-0-6	4-11-6

Plate Offsets (X,Y): [2.0-2-9,0-1-8], [6.0-3-0,0-2-0], [10:0-3-0,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20 0	Plates Increase	1.25	TC	0.61	Vert(LL)	-0.35	16-18	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0 85	Vert(TL)	-0.60	16-18	>822	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0 97	Horz(TL)	0 11	12	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight 277 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 3-2-2 oc purlins except end verticals
BOT CHORD Rigid ceiling directly applied or 4-7 14 oc bracing
WEBS 1 Row at midpt 5-16 7 16 7 14 9-13, 10-13 11 12

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

REACTIONS (lb/size) 2=1361/0-5-8 (min 0-1 15) 12=1398/0-3-8 (min 0-1 15)
Max Horz 2=321(LC 12)
Max Uplift 2=-355(LC 12) 12=-283(LC 9)
Max Grav 2=1424(LC 2) 12=1398(LC 1)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-2915/1420 3-4=-2682/1318, 4-5=-2568/1332 5-6=-1957/1024 6-7=-1711/992
7-8=-1486/833, 8-9= 1486/833, 9-10=-758/473, 10-11=-871/461 11 12=-1607/825
BOT CHORD 2-18=-1575/2631 18-22=-1257/2208 17-22=-1257/2208, 17 29=-1257/2208, 23-29= 1257/2208
16-23=-1257/2208 16-24=-794/1580 15-24=-794/1580 15-25=-794/1580 14-25= 794/1580
14-26=-620/1259 26-27=-620/1259 13-27=-620/1259
WEBS 3-18=-339/338, 5-18=-186/444 5-16=-738/549 6-16=-197/519 7 14=-498/362 9-14=-314/749
9-13=-1165/609 11 13=-616/1316

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=20ft, Cat. II Exp C, Encl GCpi=0 18 MWFRS (envelope) and C-C Exterior(2) zone C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1 60
3) Provide adequate drainage to prevent water ponding
4) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members with BCDL = 5 0psf
6) 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 (jt=lb) 2=355 12=283.
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

August 1,2013

⚠ *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 BCSI1 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

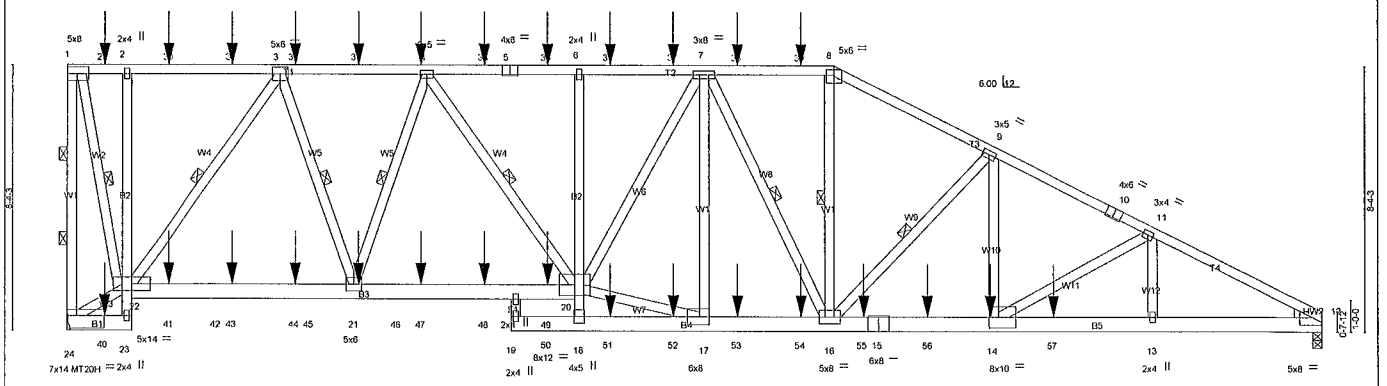
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.
509593	T10	Half Hip Truss	1	1	I7071139
					Job Reference (optional)

Builders FirstSource, Lake City FL 32055 — 7 350 s Sep 27 2012 MiTek Industries Inc. Thu Aug 01 14:41:30 2013 Page 1

ID:4ZXLfNdQASI7BhXBFnFLaYytv_S-??VcTpY98Sw37atJ7BFbsnvEb4lJzTEJmn9xmfysBKU

2-0-7	6-8-7	11-4-7	16-0-7	20-1 11	24-2-15	29-3-7	34-4-0	39-7 13
2-0-7	4-8-0	4-8-0	4-8-0	4-1-4	4-1-4	5-0-8	5-0-8	5-3-13

Scale = 1 68.5



2-0-7	9-0-7	14-0-7	16-0-7	20-1 11	24-2 15	29-3-7	34-4-0	39-7 13
2-0-7	7-0-0	5-0-0	2-0-0	4-1-4	4-1-4	5-0-8	5-0-8	5-3-13

Plate Offsets (X,Y) [5.0-3-0,Edge], [8.0-3-0,0-2-0], [10:0-3-0,Edge], [12.0-0-4,0-1-3], [14 0-3-8,0-4-0], [17.0-3-8,0-3-0], [24.Edge,0-4-12]

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 94	Vert(LL)	0.46	20-21	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0 77	Vert(TL)	-0 55	20-21	>864	180	MT20H	187/143
BCLL	0 0 *	Rep Stress Incr	NO	WB	1 00	Horz(TL)	0 21	12	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight. 334 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.3 *Except*
B1 B4 2x6 SP No.2 B3 B5 2x6 SP SS
WEBS 2x4 SP No.3 *Except*
W7 2x4 SP No 2
WEDGE
Right. 2x4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-9-15 oc purlins except end verticals
BOT CHORD Rigid ceiling directly applied or 4-4 15 oc bracing Except:
10-0-0 oc bracing 18-20
WEBS 1 Row at midpt 1-22 3-22 3-21 4-21 4-20 7 16, 8-16 9-16
2 Rows at 1/3 pts 1-24

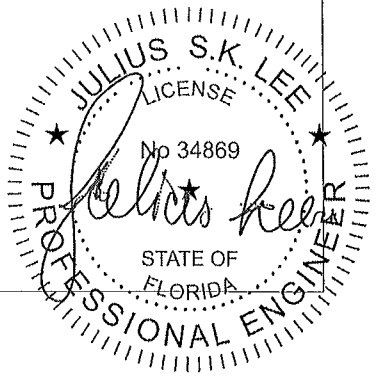
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 24=2402/Mechanical 12=2168/0-3-8 (min 0-3-0)
Max Horz 24=-267(LC 9)
Max Uplift24=-2271(LC 4) 12=-1629(LC 9)
Max Grav 24=2683(LC 2) 12=2525(LC 2)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 1-24=-2578/2088 1 29=-638/517 2 29=-638/517 2-30=-657/532 30-31=-657/532 3-31=-657/532
3-32=-2732/2247 32-33=-2732/2247 4-33=-2732/2247 4-34=-3755/3005 5-34=-3755/3005
5-35=-3755/3005 6-35=-3755/3005 6-36=-3744/2995, 36-37=-3744/2995, 7-37=-3744/2995
7-38=-3329/2577 38-39=-3329/2577 8-39=-3329/2577 8-9=-3765/2826, 9-10=-4581/3246
10-11=-4634/3231 11 12=-4800/3172
BOT CHORD 22-41=-1620/2120 41-42=-1620/2120 42-43= 1620/2120 43-44=-1620/2120 44-45=-1620/2120
21-45=-1620/2120 21-46=-2392/3130 46-47=-2392/3130 47-48=-2392/3130 48-49=-2392/3130
20-49=-2392/3130 6-20=-296/253, 18-51= 187/254 51-52=-187/254 17-52=-187/254
17 53=-2538/3442 53-54=-2538/3442 16-54=-2538/3442 16-55=-2763/4097 15-55=-2763/4097
15-56=-2763/4097 14-56=-2763/4097 14-57=-2768/4221 13-57=-2768/4221 12-13=-2768/4221
WEBS 22 24=-87/329 1-22=-2106/2600 3-22=-2576/2130 3-21=-1598/1930 4-21=-1254/946
4-20=-827/1100 17-20=-2425/3289 7-20=-590/612 7 17=-602/381 7 16=-261/468
8-16=-1111/1402 9-16=-1150/686 9-14=-530/915, 11 14=-314/5

NOTES (12-15)
1) Wind ASCE 7 10· Vult=130mph (3-second gust) Vasd=101mph· TCDL=4 2psf BCDL=3.0psf· h=20ft· Cat. II Exp C, Encl GCpi=0 18 MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding
3) All plates are MT20 plates unless otherwise indicated
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf
6) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
7) Provide metal plate or equivalent at bearing(s) 24 to support reaction shown.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 24=2271 12=1629
9) 'Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss.

Continued on page 2



August 1,2013

Julius Lee PE.
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.	I7071140
509593	T11	Hip Truss	1	1	Job Reference (optional)	

Builders FirstSource, Lake City FL 32055

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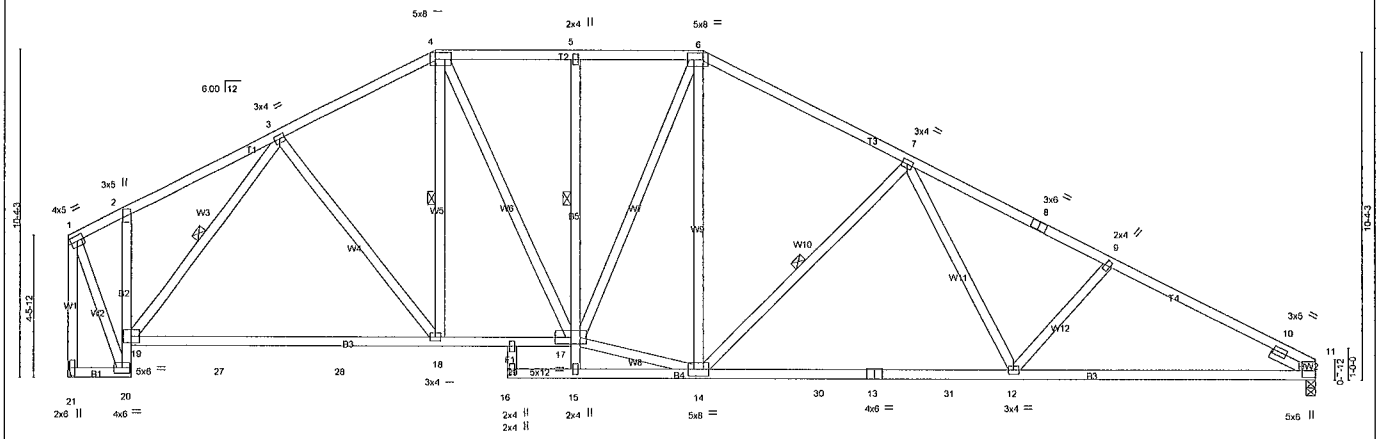
ID:4ZXLfNdQASI7BhXBFnFLaYytv_S-xOdMtVZPg4BnNt1hFcH3xC?bQtPIRUAcE5s2qYysBKH

2-0-7	6-9-2	11-8-13	16-0-7	20-2-15	26-8-8	33-1-2	39-7 13
2-0-7	4-8-11	4-11 11	4-3-10	4-2-8	6-5-9	6-4-10	6-6-11

Scale 1 68 8



2-0-7	11-8-13	14-0-7	16-0-7	20-2-15	30-1-4	39-7 13
2-0-7	9-8-6	2-3-10	2-0-0	4-2-8	9-10-4	9-6-9

Plate Offsets (X,Y) [4.0-6-0,0-2-8], [6.0-6-0,0-2-8], [11 0-2-13,0-0-1]

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 86	Vert(LL)	-0 41	12-14	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1 25	BC	0 90	Vert(TL)	-0 69	12 14	>691	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.24	11	n/a	n/a		
BCDL	5.0	Code FBC2010/TPI2007		(Matrix-M)							Weight 280 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B5. 2x4 SP No 3
WEBS 2x4 SP No 3
SLIDER Right 2x4 SP No.3 1-6-0

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-10-11 oc bracing Except:
1 Row at midpt 5-17
6-0-0 oc bracing 15-17
WEBS 1 Row at midpt 3-19 4-18 7 14

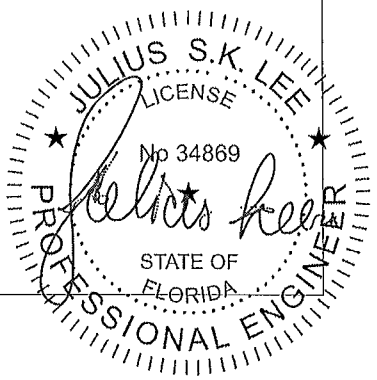
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 21=1269/Mechanical 11=1200/0-3-8 (min 0-1 12)
Max Horz 21=-209(LC 13)
Max Uplift21=-257(LC 12) 11=-308(LC 13)
Max Grav 21=1277(LC 2) 11=1272(LC 2)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 1-2=-639/310 2-3=-796/435, 3-4=-1697/945 4-5=-1668/1017 5-6=-1666/1016 6-7=-1814/1045
7-8=-2421/1328 8-9=-2476/1312 9-10=-2647/1380 10-11=-1030/410, 1 21=-1646/784
BOT CHORD 19-20=-1162/645 19-27=-391/1231 27 28=-391/1231 18-28=-391/1231 18-29=-363/1346
17 29=-363/1346, 5-17=-253/174 14-30=-834/1918, 13-30=-834/1918 13-31=-834/1918,
12-31=-834/1918 11 12=-1120/2276
WEBS 3-19=-1077/560 3-18=-56/271 4-17=-272/496 14-17=-453/1469 6-17=-117/339 6-14=-216/314
7 14=-691/526 7 12=-185/407 9-12=-270/310 1 20=-685/1391

NOTES (9-12)
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=20ft, Cat. II Exp C Encl GCpi=0.18, MWFRS (envelope) and C-C Exterior(2) zone C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1 60
3) Provide adequate drainage to prevent water ponding
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5 0psf
6) 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 (jt=lb) 21=257 11=308.
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
12) Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard



August 1,2013

Julius Lee PE
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES	I7071142
509593	T13	Piggyback Base Truss	1	1	Job Reference (optional)	

Builders FirstSource Lake City FL 32055

7 350 s Sep 27 2012 MiTek Industries, Inc. Thu Aug 01 14.41:35 2013 Page 1

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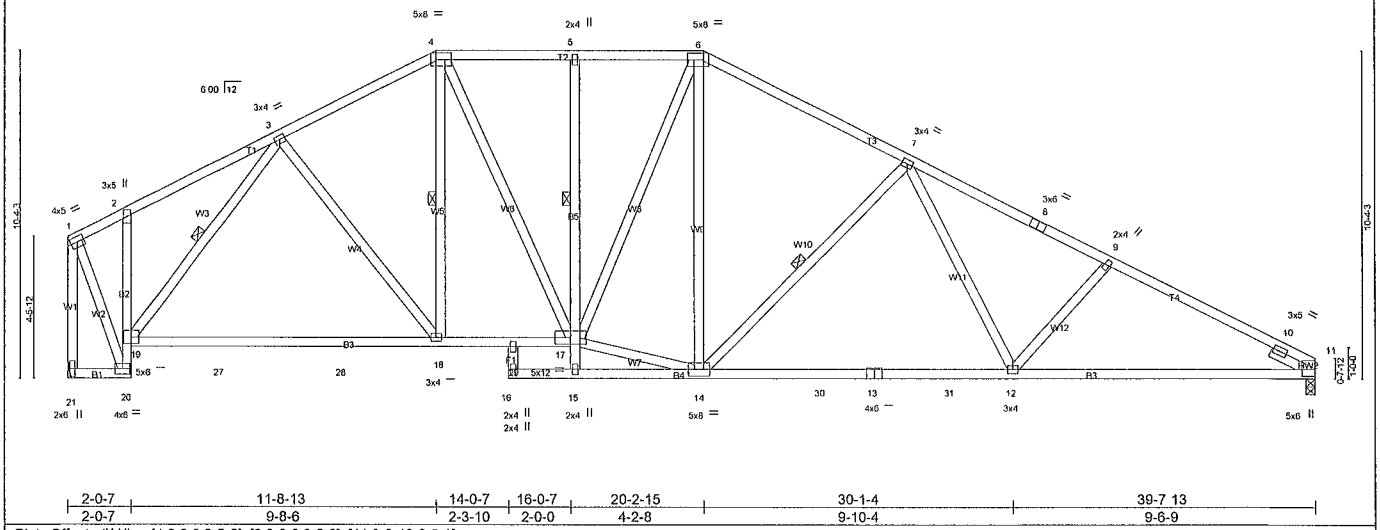


Plate Offsets (X,Y). [4 0-6-0,0-2-8], [6.0-6-0,0-2-8], [11.0-2-13,0-0-1]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20 0	Plates Increase	1.25	TC	0.86	Vert(LL)	-0.41	12-14	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0 90	Vert(TL)	-0 69	12-14	>691	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.24	11	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight. 280 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No 2
BOT CHORD 2x4 SP No 2 *Except*
B5 2x4 SP No.3
WEBS 2x4 SP No 3
SLIDER Right 2x4 SP No.3 1-6-0

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-10-11 oc bracing Except:
1 Row at midpt 5-17
6-0-0 oc bracing 15-17
WEBS 1 Row at midpt 3-19, 4-18 7 14

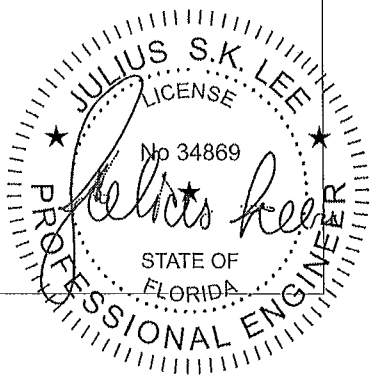
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 21=1269/Mechanical 11=1200/0-3-8 (min 0-1 12)
Max Horz 21=-209(LC 13)
Max Uplift21=-257(LC 12) 11=-308(LC 13)
Max Grav 21=1277(LC 2) 11=1272(LC 2)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 1 2=-639/310 2-3=-796/435 3-4=-1697/945 4-5=-1668/1017 5-6= 1666/1016 6-7=-1814/1045
7-8=-2421/1328 8-9=-2476/1312 9-10=-2647/1380 10-11=-1030/410 1-21=-1646/784
BOT CHORD 19-20=-1162/645 19-27=-391/1231 27 28=-391/1231 18-28=-391/1231 18-29=-363/1346
17 29=-363/1346 5-17=-253/174 14-30=-834/1918 13-30=-834/1918 13-31=-834/1918
12-31=-834/1918 11 12=-1120/2276
WEBS 3-19=-1077/560 3-18=-56/271 4 17=-272/496, 6-17=-117/339, 6-14=-216/314 14-17=-453/1469
7 14=-691/526 7 12=-185/407 9-12=-270/310 1-20=-685/1391

NOTES (9-12)
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=20ft; Cat. II Exp C, Encl GCpi=0 18, MWFRS (envelope) and C-C Exterior(2) zone·C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1 60
3) Provide adequate drainage to prevent water ponding
4) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members with BCDL = 5.0psf
6) 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 (jt=lb) 21=257 11=308.
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
12) Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard



August 1,2013

⚠ *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 BCSI1 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	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES	I7071144
509593	T15	Piggyback Base Truss	2	1	Job Reference (optional)	

Builders FirstSource Lake City FL 32055

7.350 s Sep 27 2012 MiTek Industries, Inc. Thu Aug 01 14:41:38 2013 Page 1

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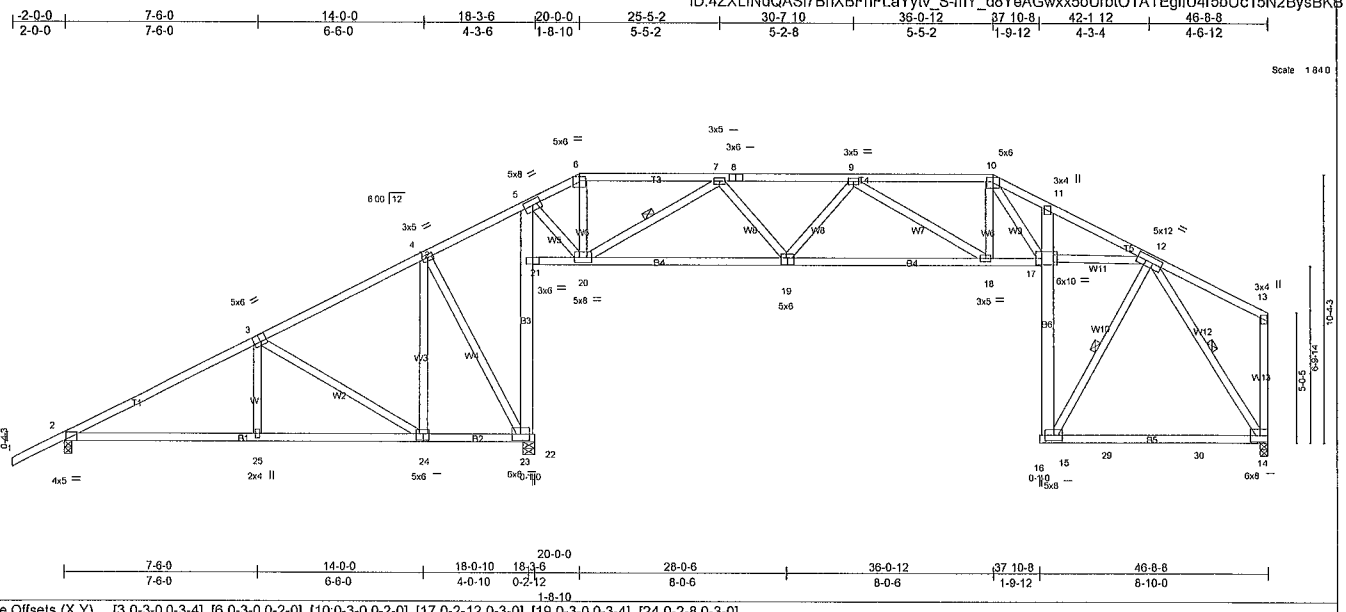


Plate Offsets (X,Y) [3.0-3-0,0-3-4], [6.0-3-0,0-2-0], [10:0-3-0,0-2-0], [17.0-2-12,0-3-0], [19 0-3-0,0-3-4], [24.0-2-8,0-3-0]

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 61	Vert(LL)	0 31	18-19	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1 25	BC	0 78	Vert(TL)	-0.44	18-19	>775	180		
BCLL	0 0 *	Rep Stress Incr	NO	WB	0 97	Horz(TL)	0 34	14	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight 309 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except* B3,B6. 2x6 SP No.2
WEBS 2x4 SP No 3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-3 oc purlins except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-2-6 oc bracing Except:
6-0-0 oc bracing 21-23
9-9-0 oc bracing 15-17
WEBS 1 Row at midpt 7-20 12-15 12-14

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

REACTIONS (lb/size) 2=566/0-3-8 (min. 0-1-8) 23=1383/0-5-8 (min 0-2-0) 14=898/0-3-8 (min 0-1-8)
Max Horz 2=259(LC 12)
Max Uplift 2=-289(LC 9) 23=-638(LC 9) 14=-244(LC 8)
Max Grav 2=679(LC 27) 23=1619(LC 2) 14=958(LC 2)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-1236/1180 3-4=-358/472 5-6=-702/566, 6-7=-625/537 7-8=-2156/1453 8-9=-2156/1453, 9-10=-2265/1451 10-11=-3253/2017 11 12=-3216/1943
BOT CHORD 2-25=-1661/1626 24-25=-1014/727 23-24=-370/247 21 23=-1194/675 5-21= 1208/685 19-20=-987/1737 18-19=-1289/2279 17 18= 1156/2180 15-17=-545/1000 15-29=-343/577 29-30=-343/577 14-30=-343/577
WEBS 3-25=-272/212 3-24=-557/748 4-24=-598/350 4-23=-589/809 5-20=-535/1040 7-20=-1393/867 7 19=-279/542 9-19=-320/201 9-18=-290/177 10-18= 132/298, 10-17=-715/1198 12 17=-1539/2723, 12 15=-1025/663 12-14=-1051/641

NOTES (10-12)
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=20ft Cat. II Exp C Encl GCpi=0 18, MWFRS (envelope) and C-C Exterior(2) zone porch left exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1 60
3) Provide adequate drainage to prevent water ponding
4) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members with BCDL = 5.0psf
6) 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 (jt=lb) 2=289 23=638 14=244
8) Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss
9) In the LOAD CASE(S) section loads applied to the face of the truss are noted as front (F) or back (B)
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
11) Note Visually graded lumber designation SPp represents new lumber design values as per SPIB.
12) Truss Design Engineer Julius Lee PE Florida P E. License No. 34869 Address: 1109 Coastal Bay Blvd Boynton Beach, FL 33435

LOAD CASE(S) Standard

Continued on page 2

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

August 1,2013

Julius Lee PE
1109 Coastal Bay
Boynton Beach,FL 33435

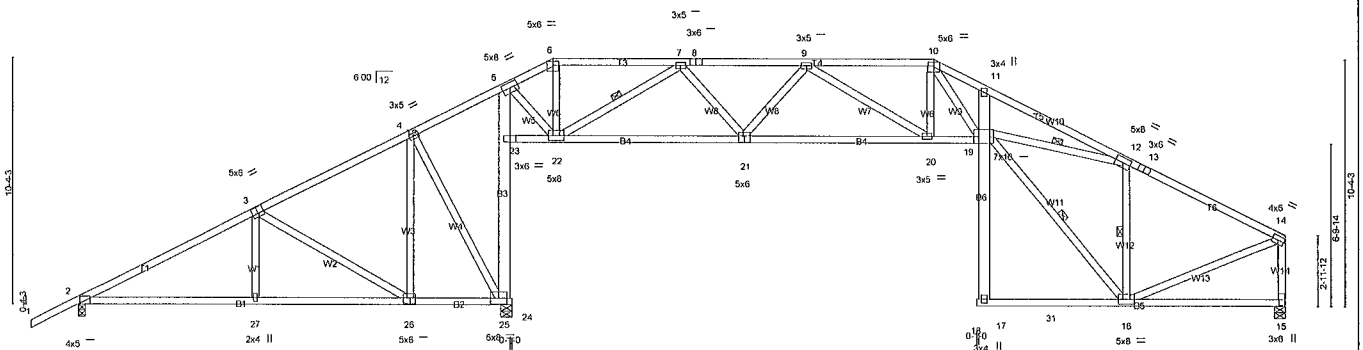
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.
509593	T16	Piggyback Base Truss	4	1	I7071145
					Job Reference (optional)

Builders FirstSource Lake City FL 32055 — 7.350 s Sep 27 2012 MiTek Industries, Inc. Thu Aug 01 14:41:41 2013 Page 1

ID:4ZXLfNdQASI7BhXBFnFLaYytv_S-B6gmmag2YrJVyGDQG?yAo5s6UVTp2WBwI?J1fWysBK8

2-0-0	7-6-0	14-0-0	18-3-6	20-0-0	25-5-2	30-7-10	36-0-12	37-10-8	44-2-5	50-9-10
2-0-0	7-6-0	6-6-0	4-3-6	1-8-10	5-5-2	5-2-9	5-5-2	1-9-12	6-3-13	6-7-5

Scale 1:91.3



7-6-0	14-0-0	18-0-10	18-3-6	20-0-0	28-0-6	36-0-12	37-10-8	44-2-5	50-9-10
7-6-0	6-6-0	4-0-10	0-2-12	1-8-10	8-0-6	8-0-6	1-9-12	6-3-13	6-7-5

Plate Offsets (X,Y) [3.0-3-0,0-3-4], [6 0-3-0,0-2-0], [10:0-3-0,0-2-0], [19:0-2-8,Edge], [21 0-3-0,0-3-4], [26.0-2-8,0-3-0]

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 90	Vert(LL)	0 55	18	>708	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0 91	Vert(TL)	-0 77	18	>510	180		
BCLL	0 0 *	Rep Stress Incr	NO	WB	0 73	Horz(TL)	0.40	15	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight. 331 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except* B3 B6. 2x6 SP No 2
WEBS 2x4 SP No.3 *Except* W10 2x4 SP No 2

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-3-2 oc purlins except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-8-13 oc bracing Except. 5-7-0 oc bracing 23-25 10-0-0 oc bracing 17 19
WEBS 1 Row at midpt 7-22 16-19 12 19 12-16

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

REACTIONS (lb/size) 2=554/0-3-8 (min 0-1-8) 15=962/0-5-8 (min 0-1-8) 25=1530/0-5-8 (min. 0-2-3)
Max Horz 2=214(LC 12)
Max Uplift 2=-299(LC 9) 15=-297(LC 13) 25=-640(LC 9)
Max Grav 2=670(LC 27) 15=1076(LC 2) 25=1776(LC 2)

FORCES (lb) Max. Comp./Max Ten All forces 250 (lb) or less except when shown.
TOP CHORD 2 3=-1231/1196 3-4=-358/579 4-5=-76/283 5-6=-752/653, 6-7=-669/616 7-8=-2591/1719 8-9= 2591/1719 9-10=-3092/1905, 10-11=-4795/2855 11 12=-4790/2766 12-13=-1184/801 13-14=-1299/787 14-15=-1166/736
BOT CHORD 2-27=-1607/1603, 26-27=-996/698 25-26=-352/216, 23-25=-1369/713 5-23=-1374/718, 22-23=-297/198 21-22=-1078/2011 20-21=-1503/2812 19-20=-1500/2983
WEBS 3-27=-271/211 3-26=-559/748, 4-26=-604/361 4-25=-582/805 5-22=-578/1216, 7-22=-1698/1013 7-21=-378/748, 9-21=-525/300 9-20=-119/262 10-19=-1245/2189 16-19=-908/1556, 12-19=-1584/3089, 12-16=-1542/987 14-16=-646/1141

NOTES (10-12)
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=20ft; Cat. II Exp C Encl GCpi=0 18 MWFRS (envelope) and C-C Exterior(2) zone porch left exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding
4) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf
6) 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 (jt=lb) 2=299 15=297 25=640.
8) Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss.
9) In the LOAD CASE(S) section loads applied to the face of the truss are noted as front (F) or back (B)
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Note Visually graded lumber designation SPp, represents new lumber design values as per SPIB
12) Truss Design Engineer Julius Lee PE. Florida P E License No 34869 Address. 1109 Coastal Bay Blvd Boynton Beach FL 33435

LOAD CASE(S) Standard

Continued on page 2

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

August 1,2013

Julius Lee PE
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.	I7071146
509593	T17	Piggyback Base Truss	2	1	Job Reference (optional)	

Builders FirstSource Lake City FL 32055 — 7.350 s Sep 27 2012 MiTek Industries Inc. Thu Aug 01 14:41:43 2013 Page 1

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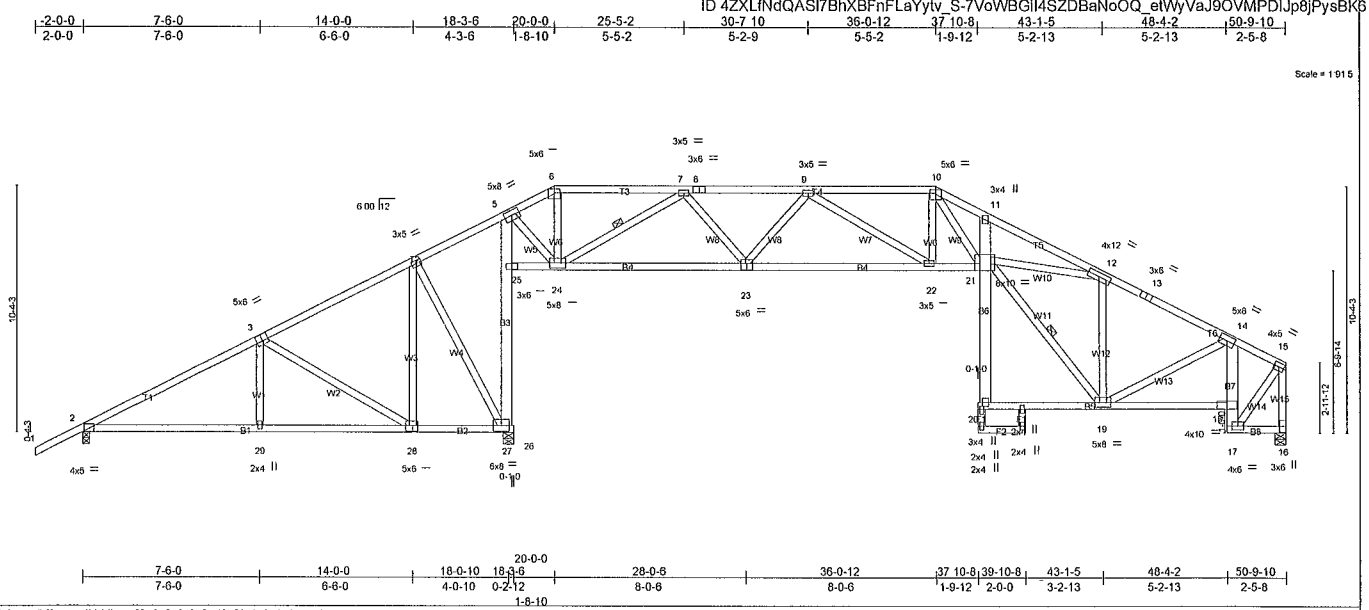

Plate Offsets (X,Y). [3 0-3-0,0-3-4], [6.0-3-0,0-2-0], [10 0-3-0,0-1 12], [20 0-1-8,0-1-0], [21 0-2-8,Edge], [23,0-3-0,0-3-4], [28.0-2-8,0-3-0]

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 73	Vert(LL) 0.51 21 >765 240	MT20 244/190
TCDL 7 0	Lumber Increase 1.25	BC 0 90	Vert(TL) -0 71 21 >553 180	
BCLL 0 0 *	Rep Stress Incr NO	WB 1 00	Horz(TL) 0.42 16 n/a n/a	
BCDL 5 0	Code FBC2010/TPI2007	(Matrix-M)		Weight 341 lb FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3 B6,B7 2x6 SP No.2 F2 2x4 SP No 3
WEBS 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-5-14 oc purlins except end verticals
BOT CHORD Rigid ceiling directly applied or 4-8-12 oc bracing Except:
5-8-0 oc bracing 25-27
10-0-0 oc bracing 20-21
WEBS 1 Row at midpt 7-24 19-21

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

REACTIONS (lb/size) 2 557/0-3-8 (min. 0-1-8) 16=907/0-5-8 (min 0-1-8) 27=1496/0-5-8 (min 0-2-3)
Max Horz 2=214(LC 12)
Max Uplift2=-299(LC 9) 16=-298(LC 13) 27=-641(LC 9)
Max Grav 2=671(LC 27) 16=1075(LC 2) 27=1773(LC 2)

FORCES (lb) Max Comp./Max. Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-1233/1196 3-4=-364/580 4-5=-78/285 5-6=-747/658, 6-7=-664/620 7-8=-2510/1724
8-9=-2510/1724 9-10=-2935/1911 10-11=-4499/2859 11 12=-4487/2768 12-13=-1362/979
13-14=-1458/968, 14-15=-710/463 15-16= 1165/751
BOT CHORD 2-29=-1607/1605 28-29=-997/703, 27 28=-353/222 25-27=-1332/712 5-25=-1339/717
24-25=-275/193 23-24=-1083/1957 22 23=-1509/2707 21 22=-1506/2826 18-19=-542/846
17 18=-734/482 14-18=-714/500
WEBS 3-29=-271/211 3-28=-558/747 4-28=-604/359 4-27=-584/805 5-24=-576/1187 7 24=-1638/1014
7-23=-378/708 9-23=-485/300 10-21=-1243/1997 19-21=-1089/1806 12 21=-1455/2671
12-19=-1514/966, 14 19=-215/422 15-17=-623/978

NOTES (10-12)
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=20ft; Cat. II Exp C, Encl GCpi=0 18; MWFRS (envelope) and C-C Exterior(2) zone porch left exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1 60
3) Provide adequate drainage to prevent water ponding
4) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads
5) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
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 (jt=lb) 2=299 16=298 27=641
8) 'Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss.
9) In the LOAD CASE(S) section loads applied to the face of the truss are noted as front (F) or back (B)
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
11) Note Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
12) 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

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

August 1,2013

Julius Lee PE
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.
509593	T18	Piggyback Base Truss	3	1	I7071147
					Job Reference (optional)

Builders FirstSource Lake City FL 32055

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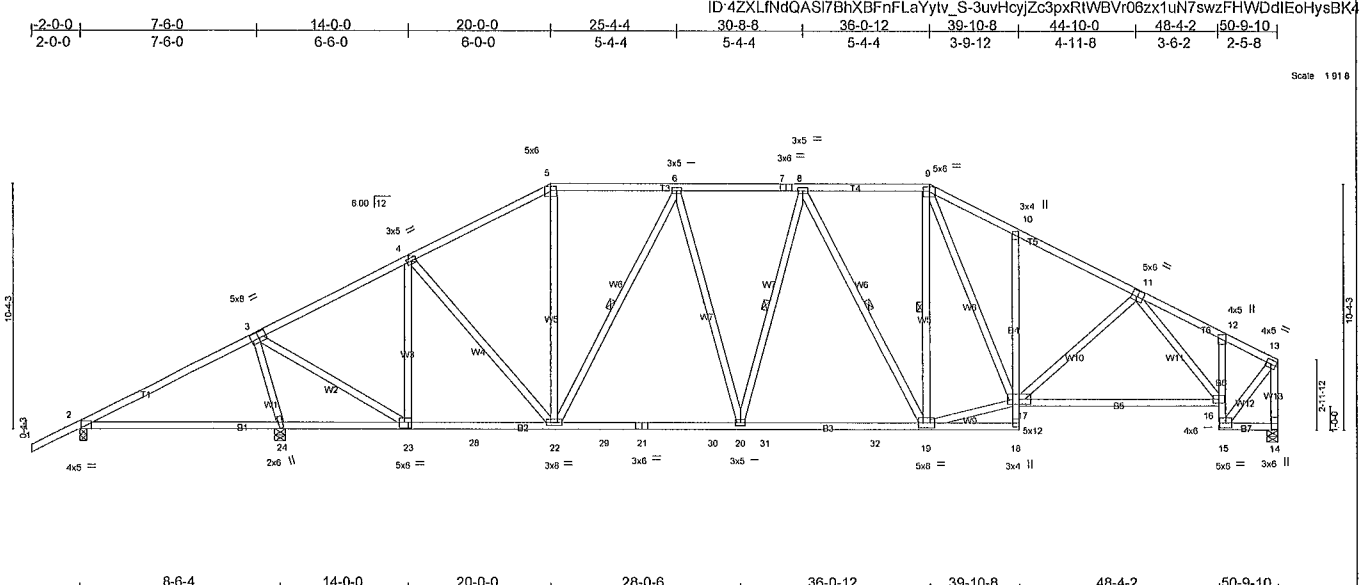


Plate Offsets (X,Y) [3 0-4-0,0-3-0], [5:0-3-0,0-2-0], [9:0-3-0,0-2-0], [11,0-3-0,0-3-0], [23:0-1 12,0-3-0]

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 52	Vert(LL) 0 23 24-27 >449 240	MT20 244/190
TCDL 7 0	Lumber Increase 1 25	BC 0 89	Vert(TL) -0 50 16-17 >999 180	
BCLL 0 0 *	Rep Stress Incr YES	WB 0 97	Horz(TL) 0.21 14 n/a n/a	
BCDL 5 0	Code FBC2010/TPI2007	(Matrix-M)		Weight 356 lb FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B4 2x4 SP No.3, B6: 2x4 SP No 1
WEBS 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-9 oc purlins except end verticals
BOT CHORD Rigid ceiling directly applied or 5-0-9 oc bracing
WEBS 1 Row at midpt 6-22 8-20 8-19 9-19

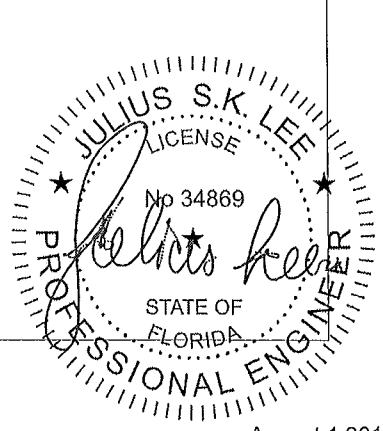
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=162/0-3-8 (min 0-1 8) 14=1241/0-5-8 (min 0-1 13) 24=1784/0-5-8 (min 0-2-9)
Max Horz 2=214(LC 12)
Max Uplift2=-121(LC 8) 14=-294(LC 13) 24=-467(LC 9)
Max Grav 2=274(LC 27) 14=1309(LC 2) 24=1810(LC 2)

FORCES (lb) Max Comp./Max. Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-503/1029 3-4=-1103/573 4-5=-1525/875 5-6=-1329/848 6-7=-1705/1018 7-8=-1705/1018
8-9=-1559/985 9-10=-2056/1260 10-11=-2040/1126, 11 12=-1279/733 12 13=-1004/537
13-14=-1620/859
BOT CHORD 2-24=-1551/762 23-24=-882/436 23-28=-350/888 22-28=-350/888 22-29=-599/1525
21 29=-599/1525, 21-30=-599/1525, 20-30=-599/1525 20-31=-648/1606 31-32=-648/1606
19-32=-648/1606, 10-17=-286/283, 16-17=-822/1627 15-16=-918/493
WEBS 3-24=-2158/1173 3-23=-913/2054, 4-23=-944/545 4-22=-143/505 5-22=-155/358 6-22=-656/332
6-20=-67/303 8-19=-385/156 17 19=-554/1506 9-17=-478/678, 11 16=-872/444
13-15=-693/1336

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=20ft; Cat. II Exp C· Encl GCpi=0 18 MWFRS (envelope) and C-C Exterior(2) zone porch left exposed·C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding
4) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5 0psf
6) 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 (jt=lb) 2=121 14=294 24=467
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



August 1,2013

⚠ *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 BCSI1 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	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES	I7071149
509593	T25	COMMON TRUSS	4	1	Job Reference (optional)	

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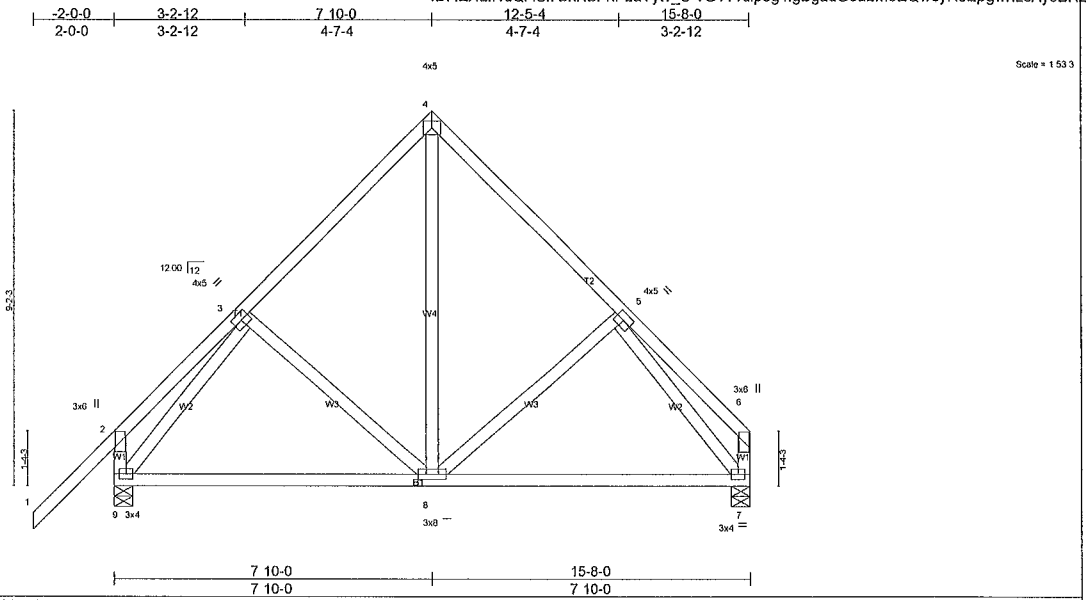


LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20 0	Plates Increase 1.25	TC 0 55	Vert(LL)	-0 07	7-8	>999	240	MT20	244/190
TCDL 7 0	Lumber Increase 1.25	BC 0.41	Vert(TL)	-0 13	8-9	>999	180		
BCLL 0 0 *	Rep Stress Incr YES	WB 0 37	Horz(TL)	0 01	7	n/a	n/a		
BCDL 5 0	Code FBC2010/TPI2007	(Matrix-M)						Weight 108 lb	FT = 20%

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

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

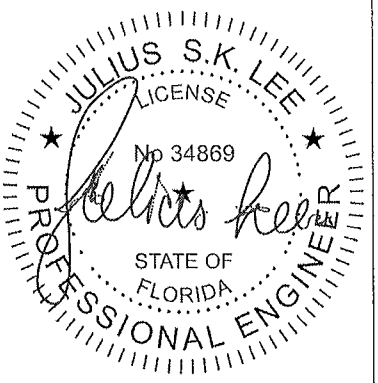
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 9=516/0-5-8 (min 0-1-8) 7=409/0-5-8 (min. 0-1-8)
Max Horz 9=343(LC 9)
Max Uplift 9=-257(LC 12) 7=-195(LC 12)
Max Grav 9=616(LC 2) 7=484(LC 2)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 3-4=-584/315 4-5=-584/317 2-9=-281/227
BOT CHORD 8-9=-223/406 7-8= 165/394
WEBS 4-8= 249/391 5-8=-238/274 3-8=-236/255 3-9=-632/244 5-7=-581/256

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 TCDL=4 2psf· BCDL=3 0psf· h=20ft, Cat. II Exp C, Encl GCpi=0 18, MWFRS (envelope) gable end zone and C-C Exterior(2) zone end vertical left and right exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads
4) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
5) 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) 9=257 7=195
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



August 1,2013

⚠ *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 BCSI1 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	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.
509593	T26	COMMON TRUSS	1	2	I7071151

Builders FirstSource Lake City FL 32055

Job Reference (optional)

7.350 s Sep 27 2012 MiTek Industries, Inc. Thu Aug 01 14:41:50 2013 Page 1

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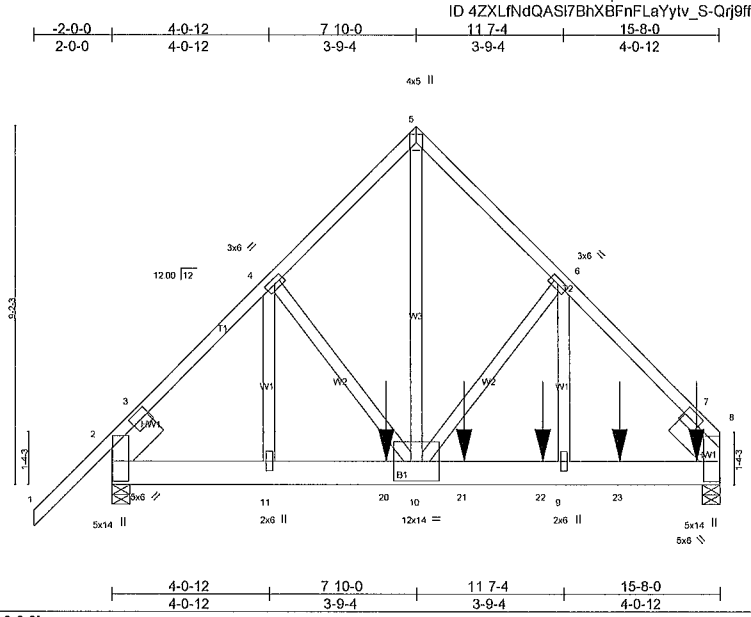


Plate Offsets (X,Y) [2 0-10-4,0-0-2], [8 0-10-4,0-0-2]

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 36	Vert(LL) 0 08 10-11 >999 240	MT20 244/190
TCDL 7 0	Lumber Increase 1 25	BC 0 24	Vert(TL) -0 12 9-10 >999 180	
BCLL 0 0 *	Rep Stress Incr NO	WB 0 90	Horz(TL) 0 02 8 n/a n/a	
BCDL 5 0	Code FBC2010/TPI2007	(Matrix-M)		Weight. 276 lb FT = 20%

LUMBER
TOP CHORD 2x4 SP No 2
BOT CHORD 2x8 SP DSS
WEBS 2x4 SP No.3
SLIDER Left 2x8 SP DSS 1-6-0, Right 2x8 SP DSS 1-6-0

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-5-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing

REACTIONS (lb/size) 8=5333/0-5-8 (min 0-3-4) 2=2981/0-5-8 (min 0-1 15)
Max Horz 2=234(LC 5)
Max Uplift 8= 1952(LC 8) 2=-1636(LC 8)
Max Grav 8=5555(LC 2) 2=3242(LC 2)

FORCES (lb) Max Comp./Max. Ten. All forces 250 (lb) or less except when shown
TOP CHORD 2-3= 2766/1453 3-4=-3426/1858 4-5=-3557/1899 5-6=-3557/1899 6-7=-4604/1847
7-8=-4001/1514
BOT CHORD 2-11=-1312/2333 11-20=-1312/2333, 10-20= 1312/2333 10-21=-1231/3171 21-22=-1231/3171
9-22=-1231/3171 9-23=-1231/3171 8-23=-1231/3171
WEBS 5-10=-2562/4707 6-10=-1143/126, 6-9=-60/1552 4-10=-208/340 4-11=-436/34

NOTES (11 13)
1) 2-ply truss to be connected together with 10d (0 131 'x3 ') nails as follows
Top chords connected as follows 2x4 1 row at 0-9-0 oc.
Bottom chords connected as follows 2x8 2 rows staggered at 0-4-0 oc.
Webs connected as follows 2x4 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies except if noted as front (F) or back (B) face in the LOAD CASE(S) section Ply to ply connections have been provided to distribute only loads noted as (F) or (B) unless otherwise indicated
3) Unbalanced roof live loads have been considered for this design
4) Wind: ASCE 7 10· Vult=130mph (3-second gust) Vasd=101mph TCDL=4 2psf· BCDL=3 0psf· h=20ft· Cat. II Exp C, Encl GCpi=0 18 MWFRS (envelope); end vertical left exposed Lumber DOL=1.60 plate grip DOL=1.60
5) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) 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) 8=1952 2=1636
9) Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2673 lb down and 2281 lb up at 7-0-12 1267 lb down and 267 lb up at 9-0-12 1267 lb down and 267 lb up at 11-0-12 and 1267 lb down and 267 lb up at 13-0-12 and 1211 lb down and 269 lb up at 15-0-12 on bottom chord The design/selection of such connection device(s) is the responsibility of others.
11) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
12) Note Visually graded lumber designation SPp represents new lumber design values as per SPIB.
13) Truss Design Engineer· Julius Lee PE Florida P E License No 34869 Address· 1109 Coastal Bay Blvd Boynton Beach FL 33435

LOAD CASE(S) Standard

Continued on page 2

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

August 1,2013

Julius Lee PE.
1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.	I7071152
509593	T27G	GABLE	1	1	Job Reference (optional)	

Builders FirstSource Lake City FL 32055 — 7 350 s Sep 27 2012 MiTek Industries Inc. Thu Aug 01 14:41:52 2013 Page 1

ID 4ZXLfNdQASl7BhXBFnFLaYytv_S-MEqw4LpyzDlymyZXQpemIQq5OxOs6a0YqCU6XNysBJz

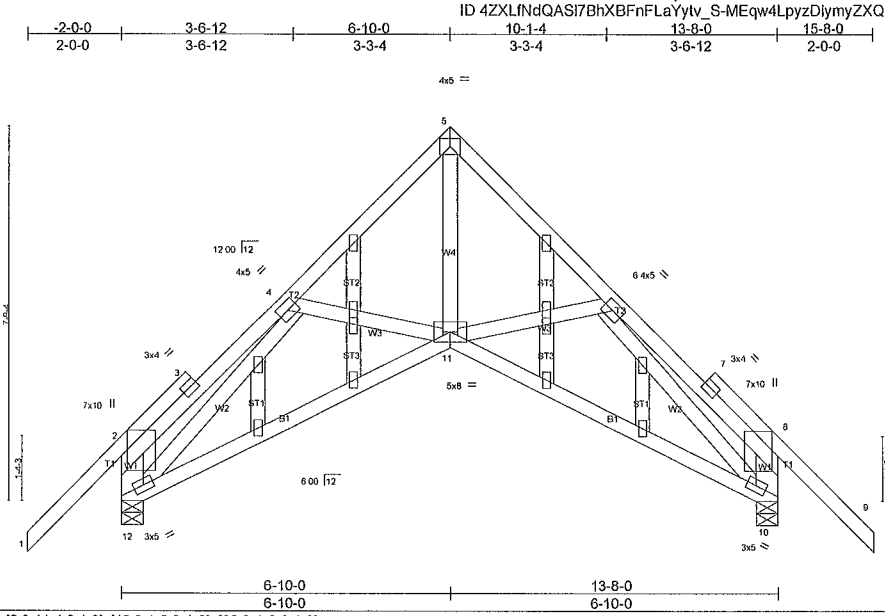


Plate Offsets (X,Y): [2,0-11-4,0-1-8], [8:0-11-4,0-1-8], [13 0-1-9,0-1-0], [20:0-1-9,0-1-0]

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 53	Vert(LL) -0 07 11 12 >999 240	MT20 244/190
TCDL 7 0	Lumber Increase 1 25	BC 0 30	Vert(TL) -0 12 11 12 >999 180	
BCLL 0 0 *	Rep Stress Incr YES	WB 0 33	Horz(TL) 0 06 10 n/a n/a	
BCDL 5 0	Code FBC2010/TPI2007	(Matrix-M)		Weight. 114 lb FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W1 2x6 SP No.2
OTHERS 2x4 SP No.3

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

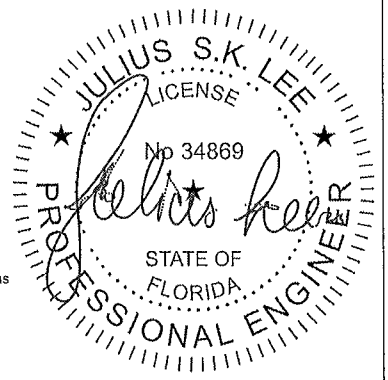
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 12=455/0-5-8 (min 0-1-8) 10=455/0-5-8 (min 0-1-8)
Max Horz 12=-320(LC 10)
Max Uplift 12=-235(LC 12) 10=-235(LC 13)
Max Grav 12=543(LC 2) 10=543(LC 2)

FORCES (lb) Max Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-258/152 4-5=-736/156 5-6= 738/198 7-8=-258/149 2 12=-444/284 8-10=-420/286
BOT CHORD 11 12=-270/658, 10-11=-49/673
WEBS 5-11=-140/722 6-11=-206/256, 4-12=-657/119 6-10=-671/113

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 TCDL=4 2psf BCDL=3 0psf h=20ft, Cat. II Exp C, Encl GCpi=0 18 MWFRS (envelope) gable end zone and C-C Exterior(2) zone end vertical left and right exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1 60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only For studs exposed to wind (normal to the face) see Standard Industry Gable End Details as applicable or consult qualified building designer as per ANSI/TPI 1
4) All plates are 2x4 MT20 unless otherwise indicated
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
9) Bearing at joint(s) 12 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula Building designer should verify capacity of bearing surface
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=235 10=235.
11) 'Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss.
12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
13) Note' Visually graded lumber designation SPp represents new lumber design values as per SPIB.
14) Truss Design Engineer' Julius Lee PE Florida P E License No 34869' Address. 1109 Coastal Bay Blvd Boynton Beach FL 33435

LOAD CASE(S) Standard



August 1,2013

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 BCSI1 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	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES.
509593	T28G	GABLE	1	1	I7071154
					Job Reference (optional)

Builders FirstSource Lake City FL 32055 — 7.350 s Sep 27 2012 MiTek Industries Inc. Thu Aug 01 14:41:55 2013 Page 1

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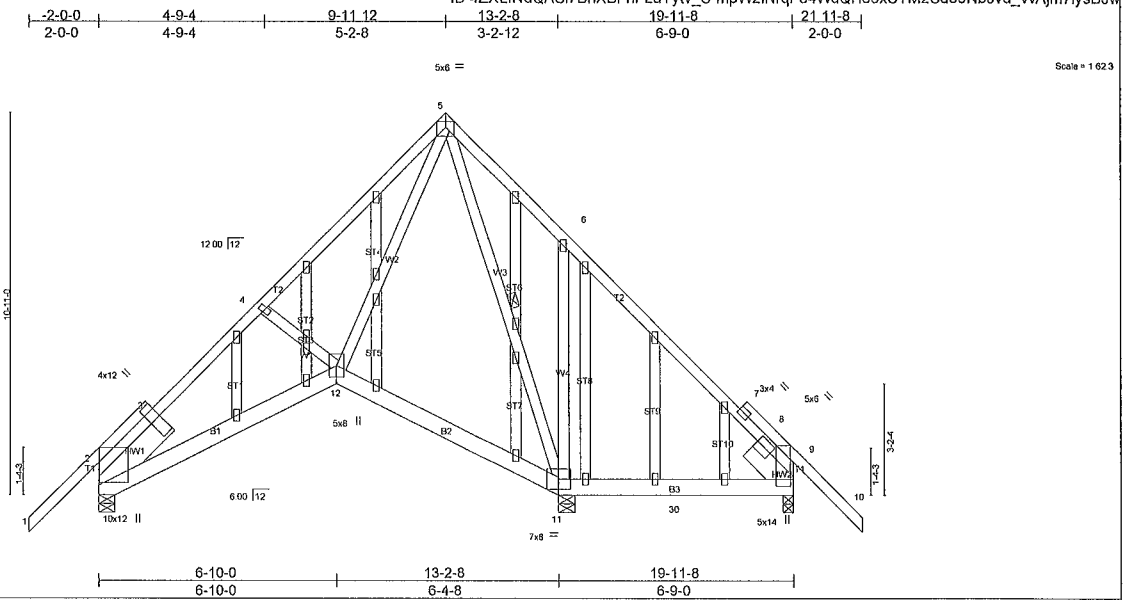


Plate Offsets (X,Y) [2.0-0-12,0-10-2], [9 0-3-5,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20 0	Plates Increase	1.25	TC	0.45	Vert(LL)	0 11	9-11	>719	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0.43	Vert(TL)	0 10	9-11	>812	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0.47	Horz(TL)	0 04	11	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight 209 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No 3
OTHERS 2x4 SP No 3
SLIDER Left 2x8 SP DSS 2-7 10 Right 2x8 SP DSS 1-6-0

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing
WEBS 1 Row at midpt 5-11

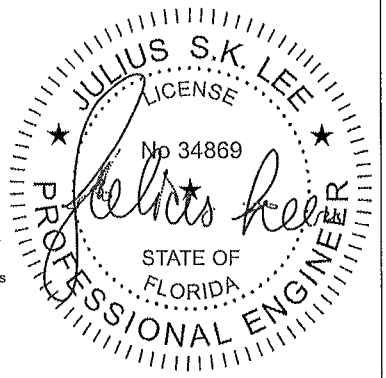
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=430/0-5-8 (min 0-1-8) 9=259/0-3-8 (min 0-1-8) 11=659/0-5-8 (min 0-1-8)
Max Horz 2=380(LC 11)
Max Uplift2=-198(LC 13) 9=-200(LC 8) 11=-370(LC 12)
Max Grav 2=512(LC 2) 9=329(LC 28) 11=728(LC 21)

FORCES (lb) Max. Comp./Max Ten All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-727/165, 3-4=-603/191 4-5=-574/209 5-6=-242/411
BOT CHORD 2-12=-323/653 11 12=-277/414 11-30=-255/228, 9-30=-251/229
WEBS 4-12=-388/336 5-12=-246/599 5-11=-636/257 6-11=-506/440

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 TCDL=4 2psf BCDL=3 0psf h=20ft, Cat. II Exp C Encl GCpi=0 18, MWFRS (envelope) gable end zone and C-C Exterior(2) zone end vertical left and right exposed porch right exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1 60 plate grip DOL=1 60
3) Truss designed for wind loads in the plane of the truss only For studs exposed to wind (normal to the face) see Standard Industry Gable End Details as applicable or consult qualified building designer as per ANSI/TPI 1
4) All plates are 2x4 MT20 unless otherwise indicated
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf
8) All bearings are assumed to be SP No.2 crushing capacity of 565 psi
9) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula Building designer should verify capacity of bearing surface
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=198 9=200 11=370.
11) 'Semi-rigid pitchbreaks including heels Member end fixity model was used in the analysis and design of this truss.
12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code
13) Note Visually graded lumber designation SPp represents new lumber design values as per SPIB.
14) Truss Design Engineer Julius Lee PE Florida P E. License No 34869 Address 1109 Coastal Bay Blvd Boynton Beach, FL 33435

LOAD CASE(S) Standard



August 1,2013

⚠ *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 BCSI1 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	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES	I7071156
509593	T30	MONOPITCH TRUSS	6	1	Job Reference (optional)	

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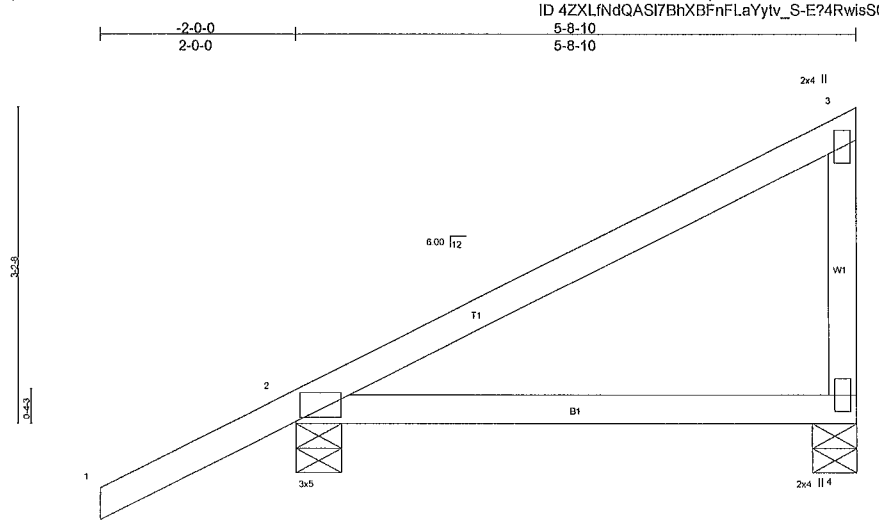


Scale = 1 22 1

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

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 37	Vert(LL)	0 11	4-7	>620	240	MT20	244/190
TCDL	7 0	Lumber Increase	1 25	BC	0 30	Vert(TL)	0.09	4-7	>712	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. 25 lb	FT = 20%

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

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

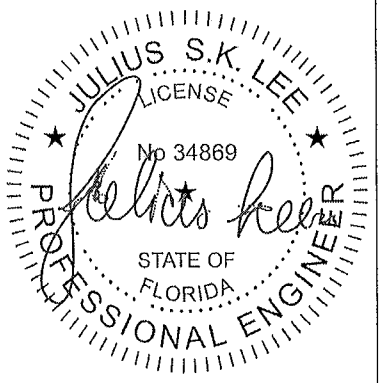
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 4=116/0-5-8 (min 0-1-8) 2=273/0-5-8 (min 0-1-8)
Max Horz 2=124(LC 12)
Max Uplift4=-89(LC 9) 2=-120(LC 9)
Max Grav 4=137(LC 2) 2=327(LC 2)

FORCES (lb) Max Comp./Max Ten. All forces 250 (lb) or less except when shown
TOP CHORD 2-3=-437/877
BOT CHORD 2-4=-1374/692

NOTES (7-9)
1) Wind ASCE 7 10 Vult=130mph (3-second gust) Vasd=101mph TCDL=4 2psf· BCDL=3 0psf· h=20ft, Cat II Exp C Encl GCpi=0 18 MWFRS (envelope) and C-C Exterior(2) zone· porch left and right exposed C-C for members and forces & MWFRS for reactions shown Lumber DOL=1 60 plate grip DOL=1 60
2) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
4) 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) 4 except (jt=lb) 2=120.
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



August 1,2013

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1109 Coastal Bay
Boynton Beach,FL 33435

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK ROPER RES	I7071158
509593	T32	KINGPOST	8	1	Job Reference (optional)	

Builders FirstSource Lake City FL 32055

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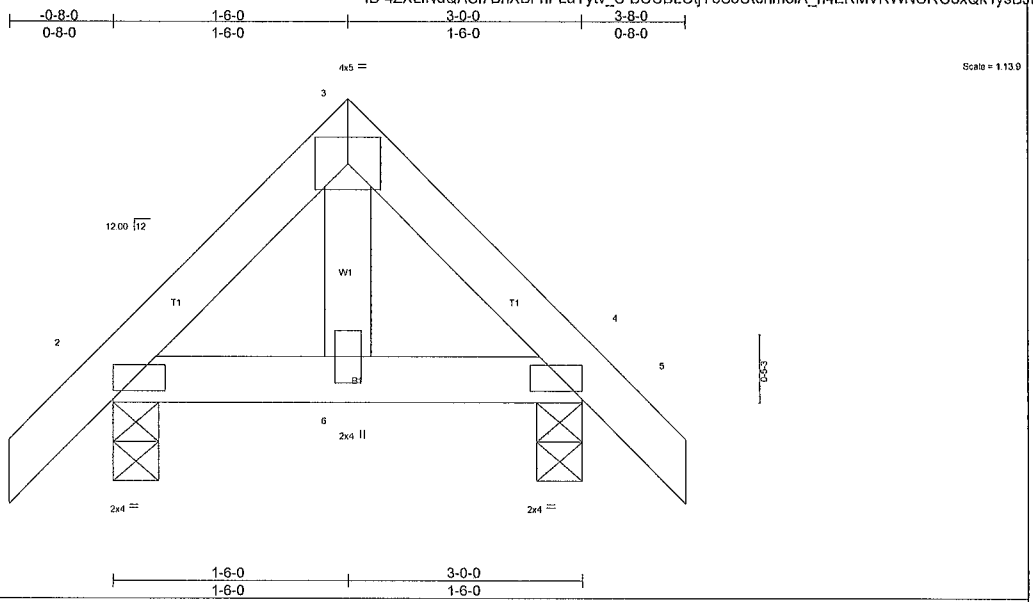


Plate Offsets (X,Y) [2 0-2-6,0-1-0], [4 0-2-6,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20 0	Plates Increase	1.25	TC	0.05	Vert(LL)	-0 00	6	>999	240	MT20	244/190
TCDL	7 0	Lumber Increase	1.25	BC	0 03	Vert(TL)	-0 00	6	>999	180		
BCLL	0 0 *	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0 00	4	n/a	n/a		
BCDL	5 0	Code FBC2010/TPI2007		(Matrix-M)							Weight 16 lb	FT = 20%

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

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

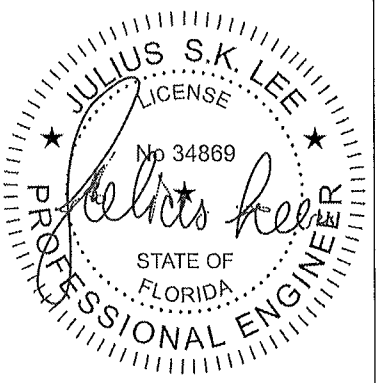
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=110/0-3-8 (min 0-1-8) 4=110/0-3-8 (min 0-1-8)
Max Horz 2=-55(LC 10)
Max Uplift 2=-35(LC 12) 4=-35(LC 13)
Max Grav 2=132(LC 2) 4=132(LC 2)

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

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 TCDL=4 2psf: BCDL=3.0psf: h=20ft, Cat. II Exp C, Encl GCpi=0 18, MWFRS (envelope) and C-C Exterior(2) zone:C-C for members and forces & MWFRS for reactions shown Lumber DOL=1.60 plate grip DOL=1 60
3) This truss has been designed for a 10 0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20 0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members
5) 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) 2 4
7) 'Semi-rigid pitchbreaks including heels' Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
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



August 1,2013

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Boynton Beach,FL 33435

August 10, 2010	T-BRACE / I-BRACE DETAIL WITH 2X BRACE ONLY	ST - T-BRACE 2

MiTek Industries, Inc

Note: T-Bracing / I-Bracing to be used when continuous lateral bracing is impractical. T-Brace / I-Brace must cover 90% of web length.

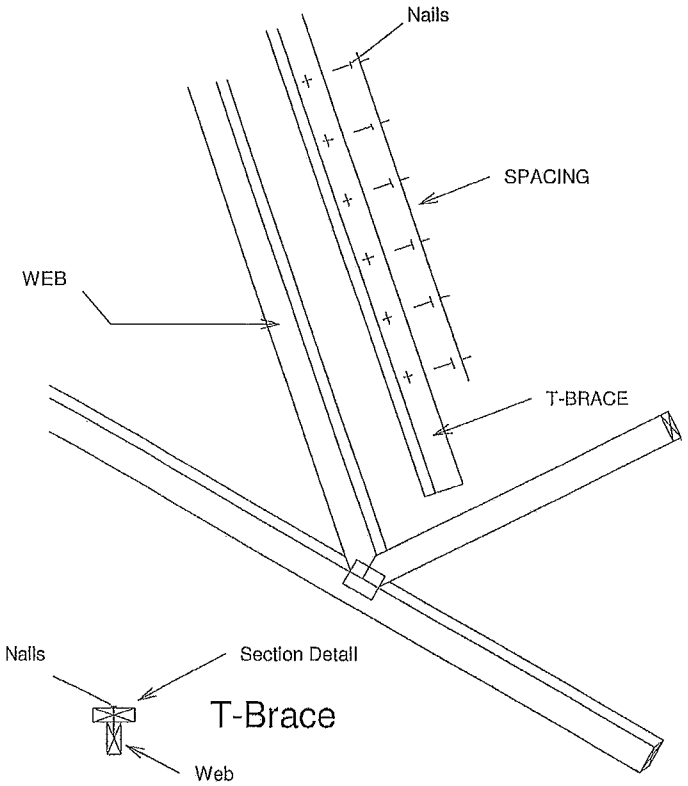
Note: This detail NOT to be used to convert T-Brace / I-Brace webs to continuous lateral braced webs

Nailing Pattern		
T-Brace size	Nail Size	Nail Spacing
2x4 or 2x6 or 2x8	10d	6" o.c.
Note Nail along entire length of T-Brace / I-Brace (On Two-Ply's Nail to Both Plies)		

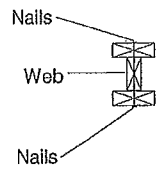
	Brace Size for One-Ply Truss	
	Specified Continuous Rows of Lateral Bracing	
Web Size	1	2
2x3 or 2x4	2x4 T-Brace	2x4 I-Brace
2x6	2x6 T-Brace	2x6 I-Brace
2x8	2x8 T-Brace	2x8 I-Brace

	Brace Size for Two-Ply Truss	
	Specified Continuous Rows of Lateral Bracing	
Web Size	1	2
2x3 or 2x4	2x4 T-Brace	2x4 I-Brace
2x6	2x6 T-Brace	2x6 I-Brace
2x8	2x8 T-Brace	2x8 I-Brace

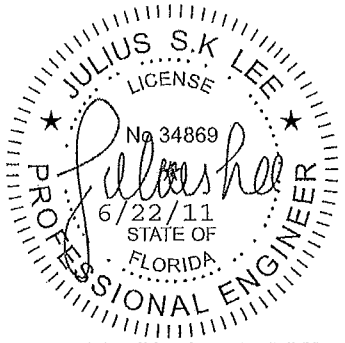
T-Brace / I-Brace must be same species and grade (or better) as web member



T-Brace



I-Brace



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JANUARY 1, 2009	LATERAL TOE-NAIL DETAIL	ST-TOENAIL_SP

MiTek Industries, Chesterfield, MO

MiTek Industries, Inc

NOTES
1 TOE-NAILS SHALL BE DRIVEN AT AN ANGLE OF 45 DEGREES WITH THE MEMBER AND MUST HAVE FULL WOOD SUPPORT. (NAIL MUST BE DRIVEN THROUGH AND EXIT AT THE BACK CORNER OF THE MEMBER END AS SHOWN
2. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID UNUSUAL SPLITTING OF THE WOOD
3 ALLOWABLE VALUE SHALL BE THE LESSER VALUE OF THE TWO SPECIES FOR MEMBERS OF DIFFERENT SPECIES

	TOE-NAIL SINGLE SHEAR VALUES PER NDS 2001 (lb/nail)					
	DIAM.	SYP	DF	HF	SPF	SPF-S
3.5" LONG	131	88 0	80.6	69.9	68 4	59 7
	135	93.5	85 6	74.2	72.6	63.4
	162	108.8	99 6	86.4	84 5	73 8
3.25" LONG	128	74 2	67.9	58.9	57.6	50.3
	.131	75 9	69 5	60 3	59 0	51 1
	148	81 4	74.5	64 6	63.2	52 5

VALUES SHOWN ARE CAPACITY PER TOE-NAIL.
APPLICABLE DURATION OF LOAD INCREASES MAY BE APPLIED

THIS DETAIL APPLICABLE TO THE THREE END DETAILS SHOWN BELOW

VIEWS SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY

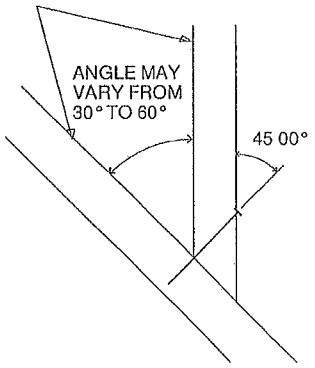
SIDE VIEW

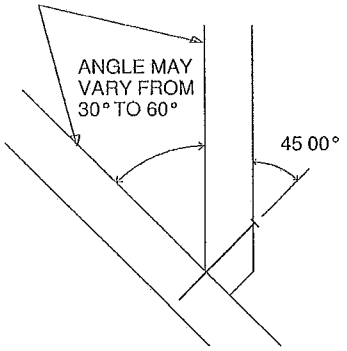
3 NAILS

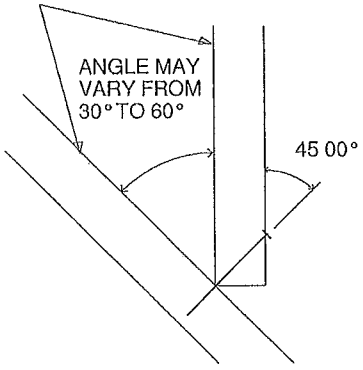
NEAR SIDE
NEAR SIDE
NEAR SIDE

EXAMPLE
(3) 16d NAILS (162 diam x 3 5") WITH SPF SPECIES BOTTOM CHORD

For load duration increase of 1 15
3 (nails) X 84 5 (lb/nail) X 1 15 (DOL) = 291 5 lb Maximum Capacity







JULIUS S.K. LEE
LICENSE
No 34869
6/22/11
STATE OF FLORIDA
PROFESSIONAL ENGINEER

1109 COASTAL BAY
BOYNTON BC, FL 33435

FEBRUARY 14, 2012	STANDARD PIGGYBACK TRUSS CONNECTION DETAIL	ST-PIGGY-7-10

MiTek Industries, Chesterfield, MO

MiTek Industries, Inc.

MAXIMUM WIND SPEED = REFER TO NOTES D AND OR E MAX MEAN ROOF HEIGHT = 30 FEET MAX TRUSS SPACING = 24 " O.C CATEGORY II BUILDING EXPOSURE B or C ASCE 7-10 DURATION OF LOAD INCREASE 1 60
DETAIL IS NOT APPLICABLE FOR TRUSSES TRANSFERING DRAG LOADS (SHEAR TRUSSES) ADDITIONAL CONSIDERATIONS BY BUILDING ENGINEER/DESIGNER ARE REQUIRED

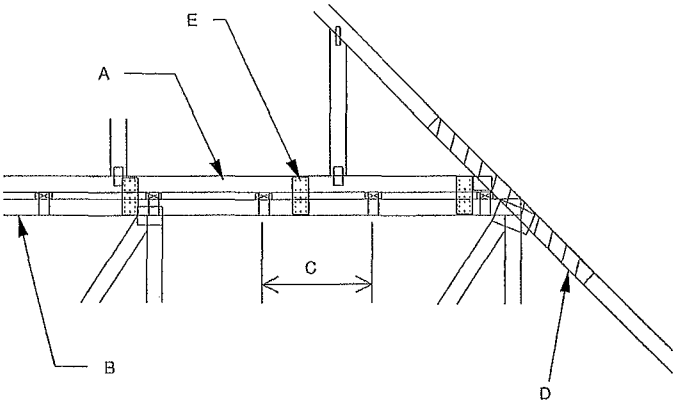
A PIGGBACK TRUSS, REFER TO MITEK TRUSS DESIGN DRAWING SHALL BE CONNECTED TO EACH PURLIN WITH (2) 0.131 X 3.5' TOE NAILED

B BASE TRUSS, REFER TO MITEK TRUSS DESIGN DRAWING

C PURLINS AT EACH BASE TRUSS JOINT AND A MAXIMUM 24 O.C. UNLESS SPECIFIED CLOSER ON MITEK TRUSS DESIGN DRAWING. CONNECT TO BASE TRUSS WITH (2) 0.131 X 3.5" NAILS EACH.

D 2 X__ X 4'-0' SCAB, SIZE AND GRADE TO MATCH TOP CHORD OF PIGGYBACK TRUSS, ATTACHED TO ONE FACE, CENTERED ON INTERSECTION, WITH (2) ROWS OF 0.131" X 3 NAILS @ 4" O.C. SCAB MAY BE OMITTED PROVIDED THE TOP CHORD SHEATHING IS CONTINUOUS OVER INTERSECTION AT LEAST 1 FT IN BOTH DIRECTIONS AND·
1 WIND SPEED OF 115 MPH OR LESS FOR ANY PIGGYBACK SPAN, OR
2. WIND SPEED OF 116 MPH TO 160 MPH WITH A MAXIMUM PIGGYBACK SPAN OF 12 ft.

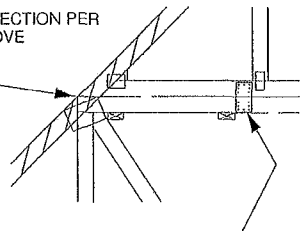
E FOR WIND SPEEDS BETWEEN 128 AND 160 MPH, ATTACH MITEK 3X8 20 GA Nail-On PLATES TO EACH FACE OF TRUSSES AT 72' O.C W/ (4) 0 131" X 1.5" PER MEMBER STAGGER NAILS FROM OPPOSING FACES. ENSURE 0.5' EDGE DISTANCE. (MIN. 2 PAIRS OF PLATES REQ. REGARDLESS OF SPAN)



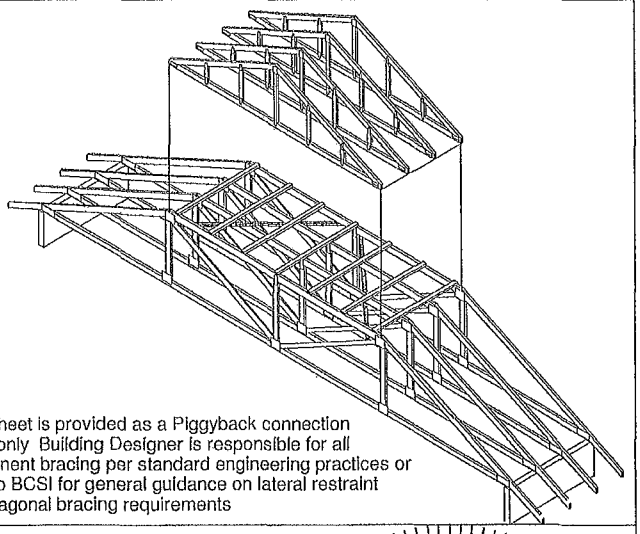
WHEN NO GAP BETWEEN PIGGYBACK AND BASE TRUSS EXISTS

REPLACE TOE NAILING OF PIGGYBACK TRUSS TO PURLINS WITH Nail-On PLATES AS SHOWN AND INSTALL PURLINS TO BOTTOM EDGE OF BASE TRUSS TOP CHORD AT SPECIFIED SPACING SHOWN ON BASE TRUSS MITEK DESIGN DRAWING.

SCAB CONNECTION PER NOTE D ABOVE

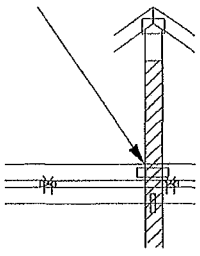


FOR ALL WIND SPEEDS ATTACH MITEK 3X6 20 GA Nail-On PLATES TO EACH FACE OF TRUSSES AT 48" O C W/ (4) 0 131 X 1 5" PER MEMBER STAGGER NAILS FROM OPPOSING FACES ENSURE 0.5 EDGE DISTANCE.



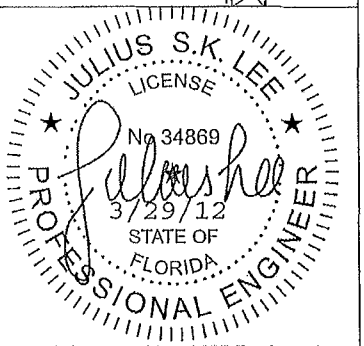
This sheet is provided as a Piggyback connection detail only Building Designer is responsible for all permanent bracing per standard engineering practices or refer to BCSI for general guidance on lateral restraint and diagonal bracing requirements

VERTICAL WEB TO EXTEND THROUGH BOTTOM CHORD OF PIGGYBACK



FOR LARGE CONCENTRATED LOADS APPLIED TO CAP TRUSS REQUIRING A VERTICAL WEB

1) VERTICAL WEBS OF PIGGYBACK AND BASE TRUSS MUST MATCH IN SIZE, GRADE, AND MUST LINE UP AS SHOWN IN DETAIL.
2) ATTACH 2 x ___ x 4' 0' SCAB TO EACH FACE OF TRUSS ASSEMBLY WITH 2 ROWS OF 10d (0 131 X 3") NAILS SPACED 4" O C. FROM EACH FACE (SIZE AND GRADE TO MATCH VERTICAL WEBS OF PIGGYBACK AND BASE TRUSS.) (MINIMUM 2X4)
3) THIS CONNECTION IS ONLY VALID FOR A MAXIMUM CONCENTRATED LOAD OF 4000 LBS (@1 15) REVIEW BY A QUALIFIED ENGINEER IS REQUIRED FOR LOADS GREATER THAN 4000 LBS
4) FOR PIGGYBACK TRUSSES CARRYING GIRDER LOADS, NUMBER OF PLYS OF PIGGYBACK TRUSS TO MATCH BASE TRUSS.
5) CONCENTRATED LOAD MUST BE APPLIED TO BOTH THE PIGGYBACK AND THE BASE TRUSS DESIGN



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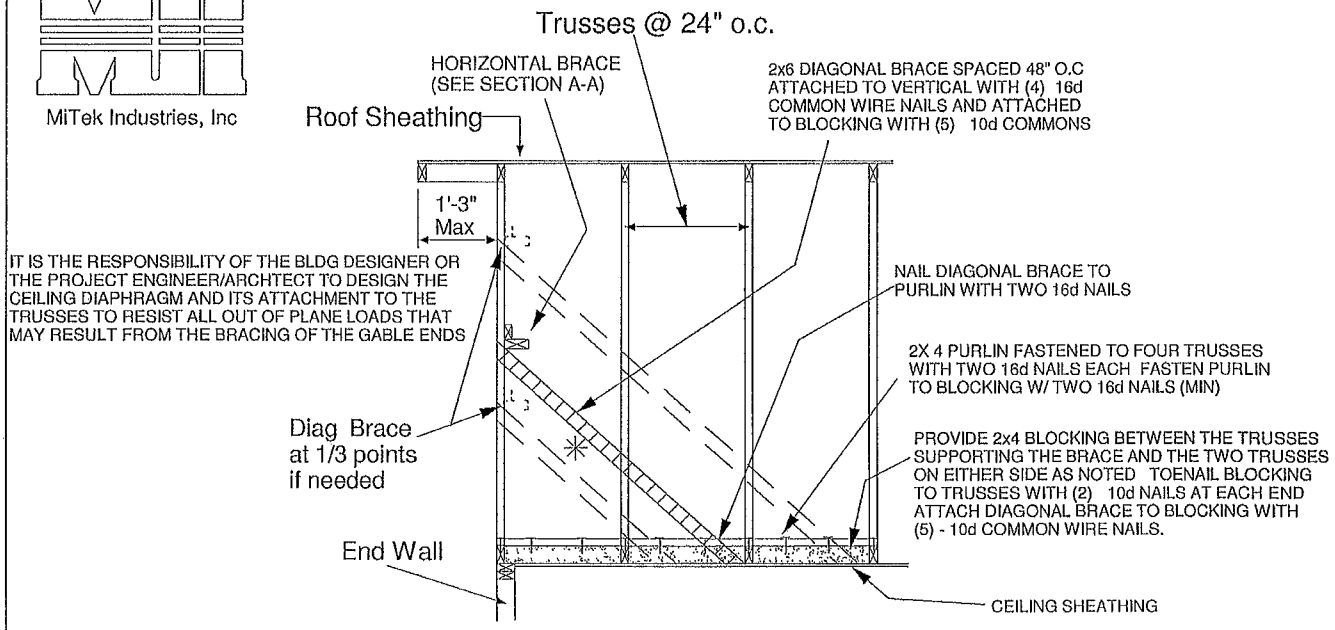
ALTERNATE DIAGONAL BRACING TO THE BOTTOM CHORD



BRACING REQUIREMENTS FOR STRUCTURAL GABLE TRUSSES

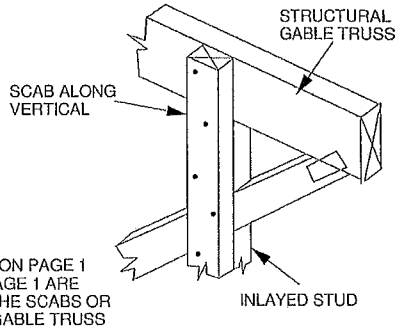
STRUCTURAL GABLE TRUSSES MAY BE BRACED AS NOTED

METHOD 1 ATTACH A MATCHING GABLE TRUSS TO THE INSIDE FACE OF THE STRUCTURAL GABLE AND FASTEN PER THE FOLLOWING NAILING SCHEDULE

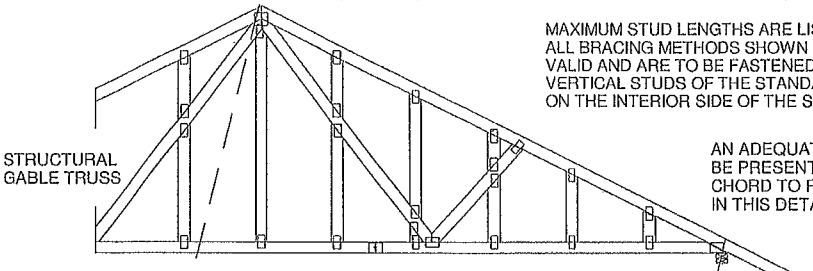
METHOD 2 ATTACH 2X_ SCABS TO THE FACE OF EACH VERTICAL MEMBER ON THE STRUCTURAL GABLE PER THE FOLLOWING NAILING SCHEDULE SCABS ARE TO BE OF THE SAME SIZE, GRADE AND SPECIES AS THE TRUSS VERTICALS

NAILING SCHEDULE

- FOR WIND SPEEDS 120 MPH (ASCE 7-98, 02, 05), 150 MPH (ASCE 7 10) OR LESS, NAIL ALL MEMBERS WITH ONE ROW OF 10d (131" X 3") NAILS SPACED 6 O.C
  FOR WIND SPEEDS GREATER 120 MPH (ASCE 7-98, 02, 05), 150 MPH (ASCE 7 10) NAIL ALL MEMBERS WITH TWO ROWS OF 10d (131" X 3) NAILS SPACED 6 O C (2X 4 STUDS MINIMUM)

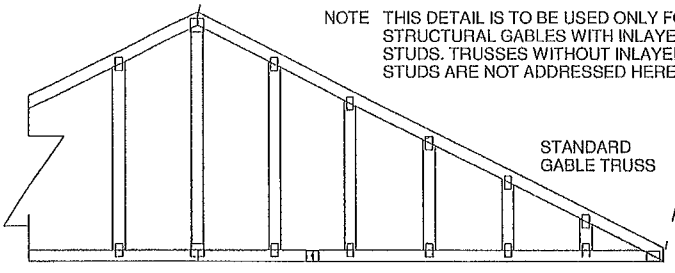


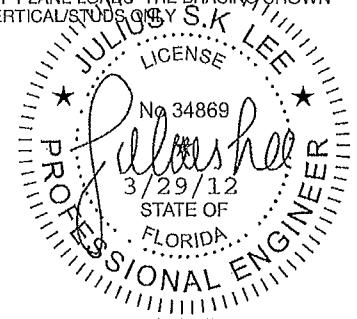
MAXIMUM STUD LENGTHS ARE LISTED ON PAGE 1 ALL BRACING METHODS SHOWN ON PAGE 1 ARE VALID AND ARE TO BE FASTENED TO THE SCABS OR VERTICAL STUDS OF THE STANDARD GABLE TRUSS ON THE INTERIOR SIDE OF THE STRUCTURE.



AN ADEQUATE DIAPHRAGM OR OTHER METHOD OF BRACING MUST BE PRESENT TO PROVIDE FULL LATERAL SUPPORT OF THE BOTTOM CHORD TO RESIST ALL OUT OF PLANE LOADS. THE BRACING SHOWN IN THIS DETAIL IS FOR THE VERTICAL STUDS ONLY.

NOTE THIS DETAIL IS TO BE USED ONLY FOR STRUCTURAL GABLES WITH INLAYED STUDS. TRUSSES WITHOUT INLAYED STUDS ARE NOT ADDRESSED HERE





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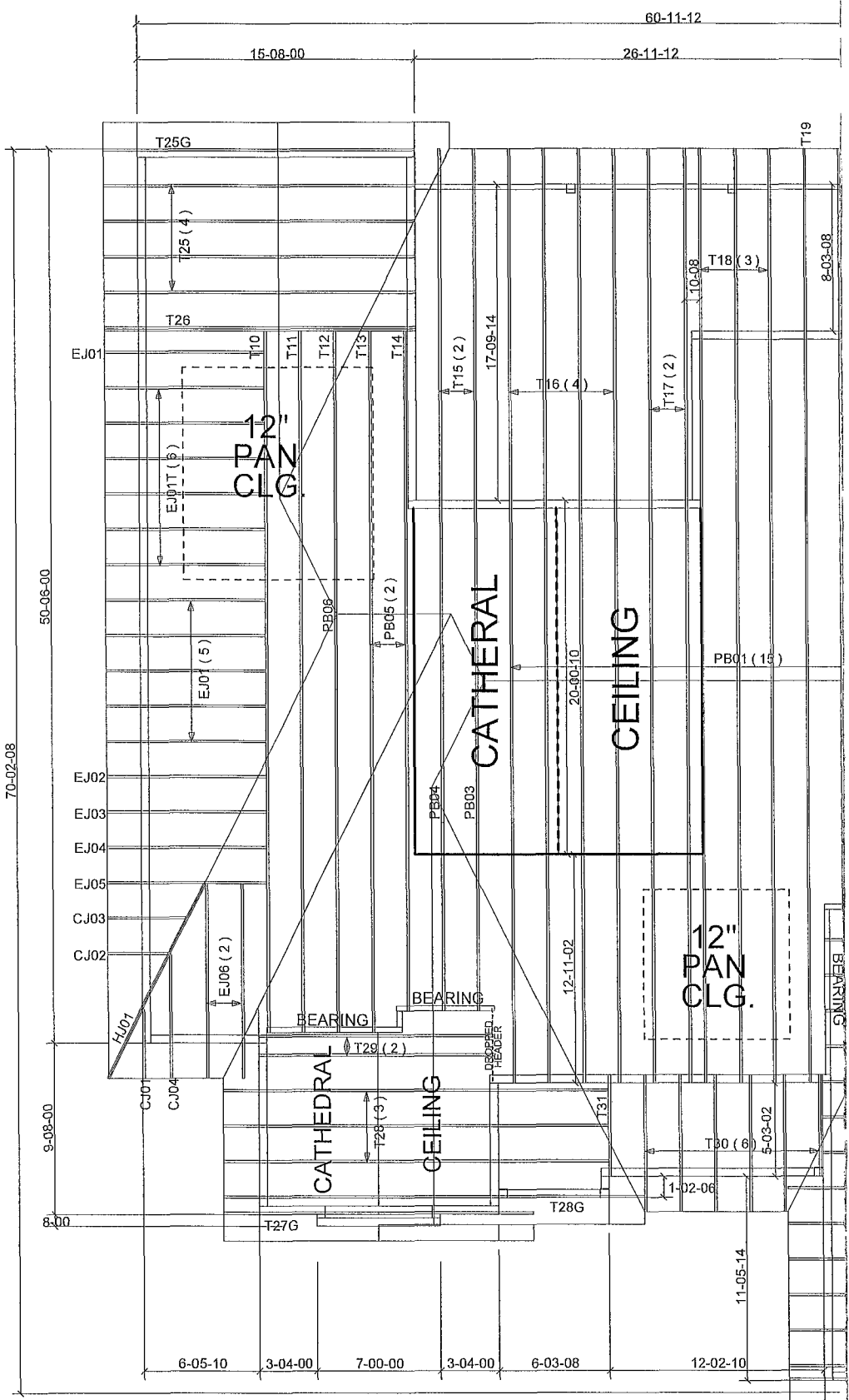

GREAT ROOM CATHEDRAL CEILING
TO BE DROP FRAMED IN THE FIELD

MITEK PLATE APPROVAL #'s 2197.2 - 2197.4, WEYERH