

Project Information for:

L262253

Builder: Lot:

Aaron Simque Home, Inc. 138

Subdivision:

The Preserves

County:

Columbia

Truss Count:

74

Design Program:

MiTek 20/20 6.3

Truss Design Load Information:

Gravity:

Wind:

Building Code: FBC2004/TPI2002

Roof (psf):42.0

Wind Standard: ASCE 7-02

Floor (psf): 55.0

124 124G

J1916285

Wind Speed (mph):110

Note: See the individual truss drawings for special loading conditions.

Contractor of Record, responsible for the Structural Engineering:

Aaron D. Simque Florida Contractor License No. RB29003130

Address: P.O. Box 2183 Lake City, Florida 32056

Truss Design Engineer: Julius Lee, PE Florida P.E. License No. 34869

Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2

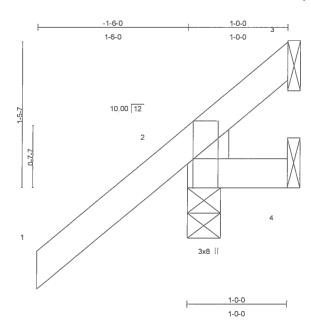
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.

3. The Truss Design Engineer's responsibility relative to this structure consists solely of the design of the individual truss components and does not include the design of any additional structural elements including but not limited to continuous lateral bracing elelments in the web and chord planes. See Florida Administrative Code 61G15-31.003 section 3 c) & 5 and Chapter 2 of the National Design Standard for Metal Plate Connected Wood Truss Construction ANSI/TPI 1-2002 for additional information on the responsibilities of the delegated "Truss Design Engineer". Builders FirstSource and Julius Lee, PE do not accept any additional delegations beyond the scope of work described in the referenced documents above.

	-	o, ona ano o	oopo oi woiii	uc.	Joinboa III tii		a accament
#	Truss ID	Dwg. #	Seal Date		Truss ID	Dwg.#	Seal Date
123456789111111111112NNNNNNNNNNNNNNNNNNNNNNNNNN	CCCCCCCEEEEEHHHHHPPPPPTTTTTTTTTTTTTTTTTT	78901-2345678901-2345678901-2345678901-2345678901-2345678901-2345678901-2345678901-2345678901-2345678901-2345678901-2345678901-2345678901-234567897897898988888901-2345678777777777888888888901-2344444444555555555555556666666666666666	12/12/0077 12/12/0077 12/12/0077 12/12/0077 12/12/0077 12/12/0077 12/12/0077 12/12/0077 12/12/00/077	555555555666666666666777777	T25 T267 T267 T267 T31 A T31 A T331 A T336 T339 T441 A T443 A T444 G PB1 A T444 G PB1 A	3788901234566788901234956789901234956622299999999999999999999999999999999	12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07 12/12/07

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916237
L262253	CJ1	JACK	6	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:52 2007 Page 1



Scale = 1:10.9

Plate Of	fsets (X,Y): [2:0-3-8,Edge]										
LOADIN	G (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)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 7 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or

1-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=180/0-4-0, 4=5/Mechanical, 3=-41/Mechanical

Max Horz 2=113(load case 6)

Max Uplift 2=-172(load case 6), 3=-41(load case 1)

Max Grav 2=180(load case 1), 4=14(load case 2), 3=53(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/44, 2-3=-70/48

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.08 and 2 = 0.00

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- B) All hearings age assumed to be SYP No.2 crushing capacity of 565.00 psi

December 12,2007

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MITek connec
Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the
responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erecti
and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center,
6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916237
L262253	CJ1	JACK	6	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:52 2007 Page 2

NOTES

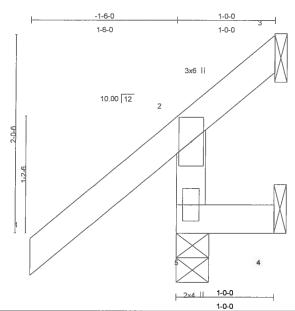
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 172 lb uplift at joint 2 and 41 lb uplift at joint 3.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	CJ1B	JACK	2	1	J1916238
1202255	0310	JACK	_	'	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:53 2007 Page 1



LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.00	5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.06	Vert(TL)	0.00	5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 8 lb	

LUMBER TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3 BRACING

TOP CHORD

BOT CHORD

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

bracing.

REACTIONS (lb/size) 5=203/0-4-0, 4=-14/Mechanical, 3=-46/Mechanical

Max Horz 5=121(load case 6)

Max Uplift 5=-114(load case 6), 4=-38(load case 6), 3=-46(load case 1) Max Grav 5=203(load case 1), 4=7(load case 2), 3=33(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 2-5=-180/184, 1-2=0/57, 2-3=-58/26

BOT CHORD 4-5=0/0

JOINT STRESS INDEX

2 = 0.34 and 5 = 0.41

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 114 lb uplift at joint 5, 38 lb uplift at joint 4 and 46 lb uplift at joint 3. Continued on page 2

Jalana Lame
Truste Livenager Eroderace
flambula Pim File militate
1 1000 Commission Pim Williams
UCVIION UDSSCN. EL MOSIS

December 12,2007

Scale = 1:11.1

Marming - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building ode. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916238
L262253	CJ1B	JACK	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:53 2007 Page 2

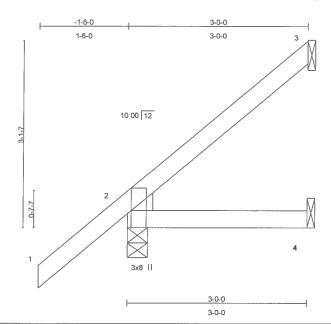
LOAD CASE(S) Standard

Julium Lesson Engineer Truss Esson Vincial Picture Pix No. 3 desir 1 103 Cheedel Pay Pict Doynton Usech, t. 19935



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	CJ3	JACK	2	,	J1916239
L202255	033	JACK	2		Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:53 2007 Page 1



Scale = 1:18.2

Plate O	ffsets (X,Y	'): [2:0-3-8,Edge]		1								
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.05	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 14 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD **BOT CHORD**

3-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc

Structural wood sheathing directly applied or

bracing.

REACTIONS (lb/size) 3=48/Mechanical, 2=206/0-4-0, 4=14/Mechanical

Max Horz 2=188(load case 6)

Max Uplift 3=-75(load case 6), 2=-114(load case 6)

Max Grav 3=48(load case 1), 2=206(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-74/23

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

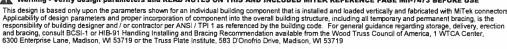
2 = 0.10 and 2 = 0.00

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 8) All hearing sage assumed to be SYP No.2 crushing capacity of 565.00 psi

December 12,2007

▲ Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916239
L262253	CJ3	JACK	2	1	
				l	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:53 2007 Page 2

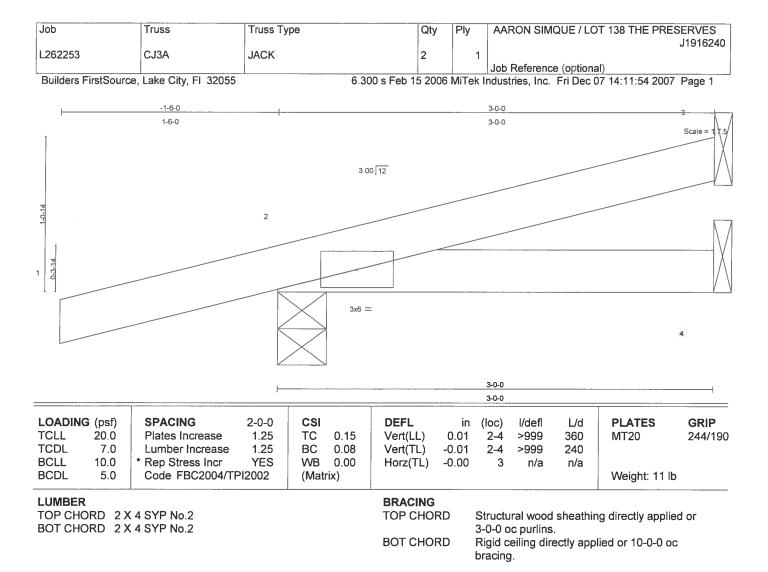
NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 75 lb uplift at joint 3 and 114 lb uplift at joint 2.

LOAD CASE(S) Standard

Lichtware, Lawren Tray y general Capropa organi (Tray organism and ender Tray to the Capropa organism of the Capropa organism org





REACTIONS (lb/size) 3=48/Mechanical, 2=206/0-4-0, 4=14/Mechanical

Max Horz 2=58(load case 4)

Max Uplift 3=-27(load case 4), 2=-197(load case 4), 4=-26(load case 4) Max Grav 3=48(load case 1), 2=206(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/18, 2-3=-27/9

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.08

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint 3, 197 lb uplift at joint 2 and 26 lb uplift at joint 4. Continued on page 2

Julium Loope Telega Minseagen Chaganger Plantala PMD Nation 3-1983 by 1300 Canada PASS Nation 1300 Canada PASS Nation 1400 Chagan

December 12,2007

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916240
L262253	CJ3A	JACK	2	1	<u> </u>
				1	Job Reference (optional)

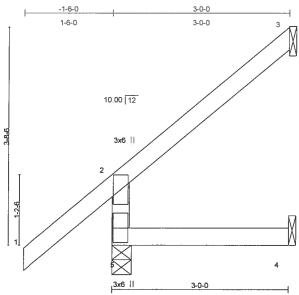
6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:54 2007 Page 2

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916241
L262253	CJ3B	JACK	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:55 2007 Page 1



Scale = 1:18.5 3-0-0

						1						
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	0.01	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.00	4-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.02	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)	, ,					Weight: 15 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3 **BRACING**

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or 3-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=204/0-4-0, 3=53/Mechanical, 4=10/Mechanical

Max Horz 5=219(load case 6)

Max Uplift 5=-68(load case 6), 3=-90(load case 6), 4=-23(load case 6) Max Grav 5=204(load case 1), 3=53(load case 1), 4=38(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 2-5=-187/125, 1-2=0/57, 2-3=-80/24

BOT CHORD 4-5=0/0

JOINT STRESS INDEX

2 = 0.49 and 5 = 0.31

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 68 lb uplift at joint 5, 90 lb uplift at joint 3 and 23 lb uplift at joint 4. Continued on page 2

December 12,2007

Marning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building ode. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handing Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	CJ3B	JACK	2	1	J1916241
			_		Job Reference (optional)

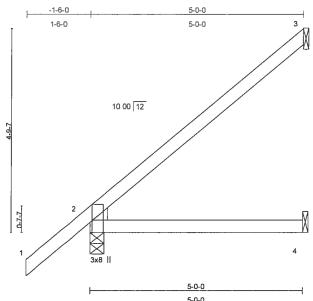
6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:55 2007 Page 2

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916242
L262253	CJ5	JACK	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:56 2007 Page 1



	1	2 3x8					4			
12:0.2.9.Edge		-		5-0-0 5-0-0		120.04	-			
: [2:0-3-8,Edge]								-		
SPACING Plates Increase Lumber Increase * Rep Stress Incr	2-0-0 1.25 1.25 YES	CSI TC BC WB	0.27 0.16 0.00	DEFL Vert(LL) Vert(TL) Horz(TL)	in -0.03 -0.05 -0.00	(loc) 2-4 2-4 3	l/defl >999 >999 n/a	L/d 360 240 n/a	PLATES MT20	GRIP 244/190

LUMBER

TCLL

TCDL

BCLL

BCDL

LOADING (psf)

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

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

20.0

7.0

10.0

5.0

Code FBC2004/TPI2002

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD **BOT CHORD** Structural wood sheathing directly applied or

Weight: 21 lb

5-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 3=113/Mechanical, 2=258/0-4-0, 4=24/Mechanical

Max Horz 2=265(load case 6)

Max Uplift 3=-161(load case 6), 2=-98(load case 6)

Max Grav 3=113(load case 1), 2=258(load case 1), 4=72(load case 2)

(Matrix)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-148/59

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.14 and 2 = 0.00

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

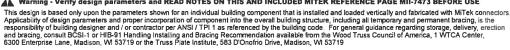
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

3) All hearing page assumed to be SYP No.2 crushing capacity of 565.00 psi

December 12,2007

Scale = 1.25.5

Marning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916242
L262253	CJ5	JACK	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:56 2007 Page 2

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 161 lb uplift at joint 3 and 98 lb uplift at joint 2.

LOAD CASE(S) Standard

ultualtuaren Luerrer Treggisten (Lueranoagan (Engarmas euro en larristako Pellu Pulsus IR-ERRORI) E Reloga (Lueranoadan) Erromy (Philosoph



Job	Truss	Truss Type		C	ty F	Ply	AAR	ON SIMO	QUE / LOT	138 THE PRES	SERVES J1916243
L262253	CJ5A	JACK		2		1	lob E	Oforono	e (optional)		
Builders FirstSource	e, Lake City, FI 32055		6.30	0 s Feb 15 2	2006 M	iTek I				14:11:58 2007	Page 1
	1-6-0				_	-0-0					
	1-6-0					-0-0					
											Scattle = 1: 10 8
			3.00	12							
						_			_		
-6-14											
15											
	2		_								
44											——————————————————————————————————————
0-3-14											\mathbb{N}
		3x6 =									
											4
					-						
						0-0					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL		in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase		C 0.22	Vert(LL)	0.0			>671	360	MT20	244/190
TCDL 7.0	Lumber Increase		BC 0.24	Vert(TL)	-0.0			>999	240		
BCLL 10.0 BCDL 5.0	* Rep Stress Incr Code FBC2004/TP		VB 0.00 Matrix)	Horz(TL)	-0.0	JU	3	n/a	n/a	Weight: 18 lb)
	L		,	DD 4 6***							
LUMBER TOP CHORD 2>	(4 SYP No.2			BRACIN TOP CH		St	tructur	al wood	sheathing	directly applie	ed or
	T CHORD 2 X 4 SYP No.2					5-	-0-0 oc	purlins.			
				BOT CH	ORD	BOT CHORD Rigid ceiling directly applied or 10-0				ed or 10-0-0 od	

bracing.

REACTIONS (lb/size) 3=113/Mechanical, 2=258/0-4-0, 4=24/Mechanical

Max Horz 2=81(load case 4)

Max Uplift 3=-80(load case 4), 2=-239(load case 4), 4=-46(load case 4) Max Grav 3=113(load case 1), 2=258(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/18, 2-3=-45/22

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.09

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 80 lb uplift at joint 3, 239 lb uplift at joint 2 and 46 lb uplift at joint 4. Continued on page 2

Jackinson Learner Frijanska Learner Frijanskalen Prim Fales - 제국용한다니다 1 참가하는 Friensenson Prim 보고 보는 네트리스

December 12,2007

Marning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1.000050	0.154	IAOK			J1916243
L262253	CJ5A	JACK	2	1	Job Reference (optional)

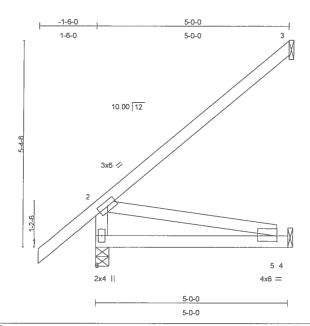
6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:58 2007 Page 2

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	CIED	JACK	_		J1916244
L202253	CJ5B	JACK	2	1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:59 2007 Page 1



Scale = 1.28.3

Plate O	ffsets (X,Y	<u>(): [5:0-0-2,0-1-11]</u>										
LOADIN	√G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.23	Vert(LL)	-0.03	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1,25	BC	0.16	Vert(TL)	-0.05	5-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.08	Horz(TL)	-0.01	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	` ′					Weight: 28 lb	
		<u> </u>									_	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

WFBS

2 X 4 SYP No.3

BRACING

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or 5-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 6=257/0-4-0, 3=114/Mechanical, 4=24/Mechanical

Max Horz 6=296(load case 6)

Max Uplift 6=-62(load case 6), 3=-139(load case 6), 4=-44(load case 6) Max Grav 6=257(load case 1), 3=114(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 2-6=-234/87, 1-2=0/57, 2-3=-124/56

BOT CHORD 5-6=-328/2, 4-5=0/0

WEBS 2-5=-2/335

JOINT STRESS INDEX

2 = 0.13, 5 = 0.14 and 6 = 0.08

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

& All hearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

December 12,2007

🛕 Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1.000050	O IED	14.016			J1916244
L262253	CJ5B	JACK	2	1	Joh Defenses (autieurs)
Puildoro EirotCoura	a Laka City El 2	2055	200 - 5-1-45 2000	9 4°T - 1 - 1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:59 2007 Page 2

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 62 lb uplift at joint 6, 139 lb uplift at joint 3 and 44 lb uplift at joint 4.

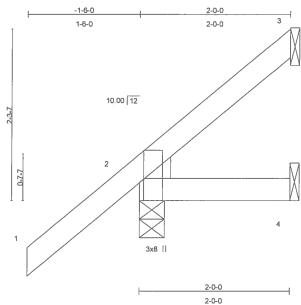
LOAD CASE(S) Standard

.da.elia.com. t..arono Tengungo di esperancian di concidente proel laro talais produi indus. Industrio I di 1900 di esperancia di 190 may dell'aroni



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916245
L262253	EJ2	MONO TRUSS	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:59 2007 Page 1



Scale = 1:14.5

Plate Of	fsets (X,Y	'): [2:0-3-8,Edge]										
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20,0	Plates Increase	1,25	TC	0,16	Vert(LL)	-0.00	` 2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1,25	BC	0.03	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	' '					Weight: 11 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD **BOT CHORD** Structural wood sheathing directly applied or 2-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=178/0-4-0, 4=10/Mechanical, 3=20/Mechanical

Max Horz 2=152(load case 6)

Max Uplift 2=-122(load case 6), 3=-38(load case 7)

Max Grav 2=178(load case 1), 4=29(load case 2), 3=26(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/44, 2-3=-60/17

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.08 and 2 = 0.00

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

ebAll hearing page assumed to be SYP No.2 crushing capacity of 565.00 psi

December 12,2007

🛕 Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MTek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building ode. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HB-91 Handing Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916245
L262253	EJ2	MONO TRUSS	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:59 2007 Page 2

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 122 lb uplift at joint 2 and 38 lb uplift at joint 3.

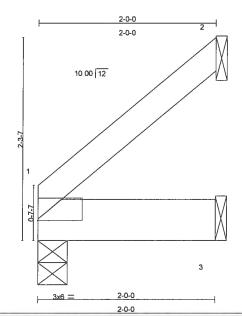
LOAD CASE(S) Standard

Little to Little on Little one
The plants of the consequence of the consequence
The plants of the consequence
The first of the consequence
The consequence of the consequence
The consequence of the consequence
The consequence of the consequence of the consequence
The consequence of the consequence



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916246
L262253	EJ2A	JACK	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:00 2007 Page 1



LOADING (psf) **SPACING** 2-0-0 **CSI DEFL** I/defl L/d **PLATES GRIP** in (loc) 0.06 360 TCLL 20.0 Plates Increase 1.25 TC Vert(LL) -0.00 1-3 >999 MT20 244/190 **TCDL** 7.0 1.25 BC 0.07 Vert(TL) -0.00 >999 240 Lumber Increase 1-3 **BCLL** 10.0 * Rep Stress Incr NO WB 0.00 Horz(TL) -0.00 2 n/a n/a **BCDL** Code FBC2004/TPI2002 Weight: 9 lb 5.0 (Matrix)

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 6 SYP No.1D BRACING

TOP CHORD

Structural wood sheathing directly applied or

2-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=246/0-4-0, 3=193/Mechanical, 2=53/Mechanical

Max Horz 1=86(load case 5)

Max Uplift 1=-84(load case 5), 3=-88(load case 3), 2=-78(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-64/29 BOT CHORD 1-3=0/0

JOINT STRESS INDEX

1 = 0.05

NOTES

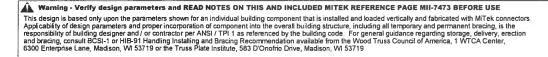
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 84 lb uplift at joint 1, 88 lb uplift at joint 3 and 78 lb uplift at joint 2.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Jisalina to Loosee Februare Liesephanen (IIInarense esp Mileradea Peta Folde an Helsant 1 h.650 (I.enamutan) Mange Milera to Gentland Liesant, N. L. Walen in to

December 12,2007

Scale = 1:12.3

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	EJ2A	JACK	4		J1916246
L262253	EJZA	JACK	1	1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:00 2007 Page 2

LOAD CASE(S) Standard

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

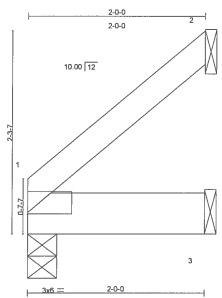
Uniform Loads (plf)

Vert: 1-2=-54, 1-3=-197(F=-187)



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916247
L262253	EJ2B	MONO TRUSS	1	1	
			Į.		Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:00 2007 Page 1



2-0-0 LOADING (psf) **SPACING** 2-0-0 CSI L/d **PLATES GRIP DEFL** in (loc) I/defl TCLL 20.0 Plates Increase 1.25 TC 0.06 Vert(LL) -0.00 >999 360 MT20 244/190 1 **TCDL** 7.0 Lumber Increase 1.25 BC 0.04 Vert(TL) -0.001-3 >999 240 **BCLL** 10.0 * Rep Stress Incr NO WB 0.00 Horz(TL) -0.00n/a n/a Weight: 9 lb **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix)

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 6 SYP No.1D **BRACING**

TOP CHORD Structural wood sheathing directly applied or

2-0-0 oc purlins.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 1=167/0-4-0, 3=115/Mechanical, 2=53/Mechanical

Max Horz 1=86(load case 5)

Max Uplift 1=-44(load case 5), 3=-48(load case 3), 2=-78(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-64/29 **BOT CHORD** 1-3=0/0

JOINT STRESS INDEX

1 = 0.05

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 44 lb uplift at joint 1, 48 lb uplift at joint 3 and 78 lb uplift at joint 2.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

December 12,2007

Scale = 1:12.3

Continued on page 2

🛕 Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M!I-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MTek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building ode. For general guidance regarding storage, delivery, erection and bracing, consult BCS-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916247
L262253	EJ2B	MONO TRUSS	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:00 2007 Page 2

LOAD CASE(S) Standard

 Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf)

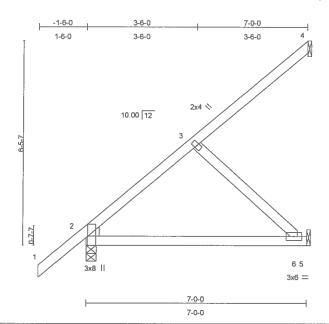
Vert: 1-2=-54, 1-3=-117(F=-107)

Justana Larer Telipole (1905-1907) Electric Historica Pil Filo III-1883 D Historica Chesas widol (1908-1911) and



	Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
	1.000000					J1916248
	L262253	EJ7	MONO TRUSS	6	1	
- (Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:01 2007 Page 1



Scale = 1:34.4

Plate Of	ffsets (X,Y	'): [2:0-3-8,Edge]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.13	Vert(LL)	-0.07	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.25	Vert(TL)	-0.12	2-6	>656	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.06	Horz(TL)	-0.00	5	n/a	n/a		
BCDL 5.0 C		Code FBC2004/TF	Code FBC2004/TPI2002		rix)	,		_			Weight: 34 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.1D BOT CHORD 2 X 4 SYP No.2

WEBS

2 X 4 SYP No.3

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD **BOT CHORD** Structural wood sheathing directly applied or

6-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 4=77/Mechanical, 2=318/0-4-0, 5=129/Mechanical

Max Horz 2=243(load case 6)

Max Uplift 4=-67(load case 6), 2=-55(load case 6), 5=-68(load case 6) Max Grav 4=77(load case 1), 2=318(load case 1), 5=131(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-209/0, 3-4=-89/37

BOT CHORD 2-6=-162/114, 5-6=0/0

WEBS 3-6=-157/222

JOINT STRESS INDEX

2 = 0.65, 2 = 0.00, 3 = 0.12 and 6 = 0.08

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp 🕏 B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other Colinadeadon page 2

December 12,2007

🛕 Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building ode. For general guidance regarding storage, delivery, erection and bracing, consult 8CSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	EJ7	MONO TRUSS	6	1	J1916248
		merte mese			Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:01 2007 Page 2

NOTES

3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 67 lb uplift at joint 4, 55 lb uplift at joint 2 and 68 lb uplift at joint 5.

LOAD CASE(S) Standard

Julium Lapa Truge Cosson Endanger Throdom Mir Jos S-1808 1100 Cossid May Plant UCATOR Labor, the 20405



J191624 ce (optional)
ce (optional)
Fri Dec 07 14:12:02 2007 Page 1
Scale = 1:14 3 F
1
\
/
4
L/d PLATES GRIP
360 MT20 244/19 240
n/a
Weight: 31 lb
I sheathing directly applied or
6.

BOT CHORD

bracing.

REACTIONS (lb/size) 3=145/Mechanical, 2=318/0-4-0, 4=61/Mechanical

Max Horz 2=76(load case 4)

Max Uplift 3=-70(load case 4), 2=-218(load case 4), 4=-72(load case 4) Max Grav 3=145(load case 1), 2=318(load case 1), 4=104(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/23, 2-3=-55/26

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.81, 2 = 0.30 and 2 = 0.00

NOTES

WEDGE

Left: 2 X 4 SYP No.3

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

ebAll hearing page assumed to be SYP No.2 crushing capacity of 565.00 psi

Rigid ceiling directly applied or 10-0-0 oc

December 12,2007

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1.000050		MONO TRUES	_		J1916249
L262253	EJ7A	MONO TRUSS	1	1	Joh Deference (antional)
			1		Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:02 2007 Page 2

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 3, 218 lb uplift at joint 2 and 72 lb uplift at joint 4.

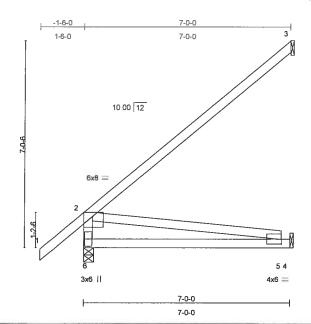
LOAD CASE(S) Standard

, distriction and the comment of the



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916250
L262253	EJ7B	MONO TRUSS	3	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:02 2007 Page 1



Scale = 1.37.0

Plate Of	ffsets (X, Y	'): [2:0-3-8,Edge], [5:	0-0-1,0-1	-15]		·						
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.69	Vert(LL)	-0.06	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.31	Vert(TL)	-0.10	5-6	>781	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.22	Horz(TL)	-0.02	3	n/a	n/a		
BCDL 5.0 C		Code FBC2004/TF	Code FBC2004/TPI2002		rix)	, ,					Weight: 38 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 8-2-0 oc

bracing.

REACTIONS (lb/size) 3=142/Mechanical, 6=317/0-4-0, 4=64/Mechanical

Max Horz 6=274(load case 6)

Max Uplift 3=-122(load case 6), 6=-31(load case 6), 4=-37(load case 6) Max Grav 3=142(load case 1), 6=317(load case 1), 4=110(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/57, 2-3=-164/68, 2-6=-273/94

BOT CHORD 5-6=-604/267, 4-5=0/0

WEBS 2-5=-270/610

JOINT STRESS INDEX

2 = 0.63, 5 = 0.27 and 6 = 0.43

NOTES

 Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

*This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

3) All hearings age assumed to be SYP No.2 crushing capacity of 565.00 psi

Trues tesseen Lingurann Florida PERTL BIRKER 1 1755 Commiss Flory Missi BOSTON LOCATOR, L. 1254 J.

December 12,2007

Marning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916250
L262253	EJ7B	MONO TRUSS	3	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:02 2007 Page 2

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 122 lb uplift at joint 3, 31 lb uplift at joint 6 and 37 lb uplift at joint 4.

LOAD CASE(S) Standard

Justinem Lawren
Truppe Lawrencert Errogerenerr
Fischesias Prizz Filoz 28-1880815
1 8-1865 Chemiensten Filozy 45 Cent



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1 000050					J1916251
L262253	HJ2	JACK	2	1	
	J				Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:03 2007 Page 1

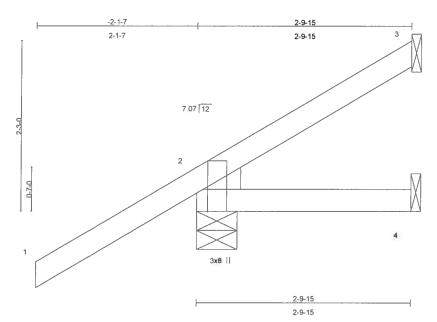


Plate Of	fsets (X,Y): [2:0-3-8,Edge]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Matı	rix)	, ,					Weight: 14 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or

2-9-15 oc purlins.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 3=-28/Mechanical, 2=213/0-6-7, 4=6/Mechanical

Max Horz 2=77(load case 5)

Max Uplift 3=-28(load case 1), 2=-196(load case 5)

Max Grav 3=91(load case 3), 2=213(load case 1), 4=31(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/49, 2-3=-49/54

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.09 and 2 = 0.00

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb Collisions is in a gard 196 lb uplift at joint 2.

Julium Lumm Trupa (Icamon Linguisan Filmida Mi Pic distant 1 1604 Chamball May Michi UCVNION UCCAN, 1 1 224 15

December 12,2007

Scale = 1:14.3

warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and/ or contractor per ANSI / TPI 1 as referenced by the building och. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	HJ2	JACK	2	1	J1916251
ELGELOG	1102	artore	_	'	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:03 2007 Page 2

NOTES

5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf) Vert: 1-2=-54

Trapezoidal Loads (plf)

Vert: 2=-4(F=25, B=25)-to-3=-38(F=8, B=8), 2=0(F=5, B=5)-to-4=-7(F=1, B=1)



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1.000050	1110				J1916252
L262253	HJ9	MONO TRUSS	1	1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:03 2007 Page 1

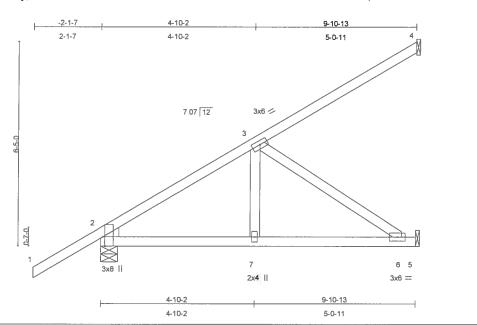


Plate Of	fsets (X,Y	'): [2:0-3-8,Edge]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defi	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	0.04	`6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.28	Vert(TL)	-0.08	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.23	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 49 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or

6-0-0 oc purlins.

BOT CHORD Rigid ceiling directly applie

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 4=242/Mechanical, 2=409/0-6-7, 5=253/Mechanical

Max Horz 2=431(load case 5)

Max Uplift 4=-297(load case 5), 2=-111(load case 5), 5=-160(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/49, 2-3=-420/0, 3-4=-190/90 BOT CHORD 2-7=-292/332, 6-7=-292/332, 5-6=0/0

WEBS 3-7=0/196, 3-6=-401/352

JOINT STRESS INDEX

2 = 0.54, 2 = 0.00, 3 = 0.18, 6 = 0.11 and 7 = 0.14

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.

2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi Continued on page 2

December 12,2007

Scale = 1:34.2

Marning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916252
L262253	HJ9	MONO TRUSS	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:03 2007 Page 2

NOTES

- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 297 lb uplift at joint 4, 111 lb uplift at joint 2 and 160 lb uplift at joint 5.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf) Vert: 1-2=-54 Trapezoidal Loads (plf)

Vert: 2=-4(F=25, B=25)-to-4=-134(F=-40, B=-40), 2=-0(F=5, B=5)-to-5=-25(F=-7, B=-7)

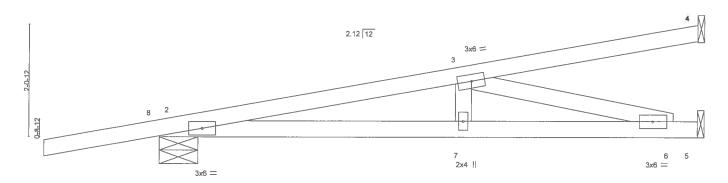
Justinum Lummer II in quanquen Tagunga (1906) in 1907 II in quanquen Tagunga (1907) in 1907 II in 1907 II in 1907 Tagunga (1907) in 1907 II In



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	HJ9A	MONO TRUSS	1	1	J1916253
			ļ ·		Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:04 2007 Page 1





	5.7.1										9-10-13						
5-7-1									4-3-12								
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP					
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	0.08	`6-Ź	>999	360	MT20	244/190					
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.10	6-7	>999	240							
BCLL	10.0	* Rep Stress Incr	NO	WB	0.32	Horz(TL)	0.02	5	n/a	n/a							
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 40 lb						

LUMBERTOP CHORD2 X 4 SYP No.2TOP CHORDStructural wood sheathing directly applied or 6-0-0 oc purlins.BOT CHORD2 X 4 SYP No.3BOT CHORDRigid ceiling directly applied or 6-11-6 oc bracing.

REACTIONS (lb/size) 4=217/Mechanical, 2=400/0-8-8, 5=276/Mechanical

Max Horz 2=123(load case 3)

Max Uplift 4=-161(load case 3), 2=-382(load case 3), 5=-210(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-8=0/17, 2-8=0/17, 2-3=-1001/709, 3-4=-40/28

BOT CHORD 2-7=-783/970, 6-7=-783/970, 5-6=0/0

WEBS 3-7=-97/192, 3-6=-1002/809

JOINT STRESS INDEX

2 = 0.35, 3 = 0.33, 6 = 0.28 and 7 = 0.14

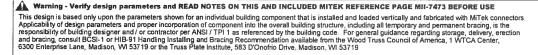
NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 161 lb uplift at joint 4, 382 lb uplift at joint 2 and 210 lb uplift at joint 5.

Julius Less Trues Cosson Enderson Florida Michael Bay Alvei 1 1000 Communi May Alvei Ucyllon Ucano, I a contr

December 12,2007

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
				l .	J1916253
L262253	HJ9A	MONO TRUSS	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:04 2007 Page 2

5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

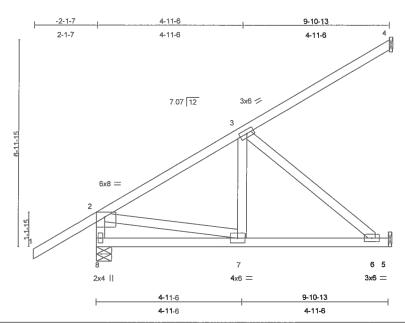
Uniform Loads (plf) Vert: 1-8=-54 Trapezoidal Loads (plf)

Vert: 8=0(F=27, B=27)-to-4=-134(F=-40, B=-40), 2=-1(F=5, B=5)-to-5=-25(F=-7, B=-7)



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916254
L262253	HJ9B	MONO TRUSS	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:04 2007 Page 1



[2:0-3-8,Edge]										
Plates Increase Lumber Increase Rep Stress Incr	2-0-0 1.25 1.25 NO 2002	CSI TC BC WB (Matr	0.62 0.27 0.24 ix)	DEFL Vert(LL) Vert(TL) Horz(TL)	in 0.03 -0.07 -0.01	(loc) 6-7 6-7 4	l/defl >999 >999 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 57 lb	GRIP 244/190
F	SPACING Plates Increase Lumber Increase Rep Stress Incr	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25	SPACING 2-0-0 CSI Plates Increase 1.25 TC Lumber Increase 1.25 BC Rep Stress Incr NO WB	SPACING 2-0-0 CSI Plates Increase 1.25 TC 0.62 Lumber Increase 1.25 BC 0.27 Rep Stress Incr NO WB 0.24	SPACING 2-0-0 CSI DEFL Plates Increase 1.25 TC 0.62 Vert(LL) Lumber Increase 1.25 BC 0.27 Vert(TL) Rep Stress Incr NO WB 0.24 Horz(TL)	SPACING 2-0-0 CSI DEFL in Plates Increase 1.25 TC 0.62 Vert(LL) 0.03 Lumber Increase 1.25 BC 0.27 Vert(TL) -0.07 Rep Stress Incr NO WB 0.24 Horz(TL) -0.01	SPACING 2-0-0 CSI DEFL in (loc) Plates Increase 1.25 TC 0.62 Vert(LL) 0.03 6-7 Lumber Increase 1.25 BC 0.27 Vert(TL) -0.07 6-7 Rep Stress Incr NO WB 0.24 Horz(TL) -0.01 4	SPACING 2-0-0 CSI DEFL in (loc) l/defl Plates Increase 1.25 TC 0.62 Vert(LL) 0.03 6-7 >999 Lumber Increase 1.25 BC 0.27 Vert(TL) -0.07 6-7 >999 Rep Stress Incr NO WB 0.24 Horz(TL) -0.01 4 n/a	SPACING 2-0-0 CSI DEFL in (loc) l/defl L/d Plates Increase 1.25 TC 0.62 Vert(LL) 0.03 6-7 >999 360 Lumber Increase 1.25 BC 0.27 Vert(TL) -0.07 6-7 >999 240 Rep Stress Incr NO WB 0.24 Horz(TL) -0.01 4 n/a n/a	SPACING 2-0-0 CSI DEFL in (loc) l/defl L/d PLATES Plates Increase 1.25 TC 0.62 Vert(LL) 0.03 6-7 >999 360 MT20 Lumber Increase 1.25 BC 0.27 Vert(TL) -0.07 6-7 >999 240 Rep Stress Incr NO WB 0.24 Horz(TL) -0.01 4 n/a n/a

1	1 1	B.A	D		0
ш	u	IVI	О	_	Г.

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

BOT CHORD

Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 8=399/0-6-6, 4=235/Mechanical, 5=266/Mechanical

Max Horz 8=464(load case 5)

Max Uplift 8=-74(load case 5), 4=-289(load case 5), 5=-195(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 2-8=-401/88, 1-2=0/62, 2-3=-353/0, 3-4=-185/87

BOT CHORD 7-8=-197/99, 6-7=-293/293, 5-6=0/0

WEBS 2-7=-111/421, 3-7=0/167, 3-6=-382/382

JOINT STRESS INDEX

2 = 0.55, 3 = 0.21, 6 = 0.14, 7 = 0.18 and 8 = 0.36

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 74 lb Complificat joins & 299 lb uplift at joint 4 and 195 lb uplift at joint 5.

ultaliana Luoree Protes Liverton Communication Private Primarea Communication (Private 1 1 1000 Communication (Private) Proventon Communication (Private)

December 12,2007

Scale = 1:36.8

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, eraction and bracing, consult BCSI or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1.000050					J1916254
L262253	HJ9B	MONO TRUSS	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:04 2007 Page 2

NOTES

5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

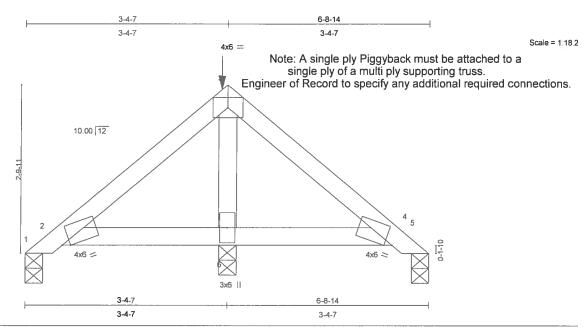
Uniform Loads (plf) Vert: 1-2=-54 Trapezoidal Loads (plf)

Vert: 2=-2(F=26, B=26)-to-4=-134(F=-40, B=-40), 8=0(F=5, B=5)-to-5=-25(F=-7, B=-7)



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	PB1	PIGGYBACK	10	1	J1916255
LEGEZOO		1 IOO I BAOK		'	Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 15:00:45 2007 Page 1



CING						Plate Offsets (X,Y): [2:0-1-9,Edge], [4:0-1-9,Edge]											
ING	6-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP							
s Increase	1.00	TC	0.31	Vert(LL)	-0.01	4-6	>999	360	MT20	244/190							
er Increase	1.00	ВС	0.34	Vert(TL)	-0.02	2-6	>999	240									
Stress Incr	NO	WB	0.40	Horz(TL)	0.01	5	n/a	n/a									
BCDL 5.0 Code FBC2004/TPI2002		(Matr	ix)						Weight: 24 lb								
	er Increase Stress Incr	per Increase 1.00 Stress Incr NO	per Increase 1.00 BC Stress Incr NO WB	per Increase 1.00 BC 0.34 Stress Incr NO WB 0.40	ber Increase 1.00 BC 0.34 Vert(TL) Stress Incr NO WB 0.40 Horz(TL)	ber Increase 1.00 BC 0.34 Vert(TL) -0.02 Stress Incr NO WB 0.40 Horz(TL) 0.01	ber Increase 1.00 BC 0.34 Vert(TL) -0.02 2-6 Stress Incr NO WB 0.40 Horz(TL) 0.01 5	ber Increase 1.00 BC 0.34 Vert(TL) -0.02 2-6 >999 Stress Incr NO WB 0.40 Horz(TL) 0.01 5 n/a	ber Increase 1.00 BC 0.34 Vert(TL) -0.02 2-6 >999 240 Stress Incr NO WB 0.40 Horz(TL) 0.01 5 n/a n/a	per Increase 1.00 BC 0.34 Vert(TL) -0.02 2-6 >999 240 Stress Incr NO WB 0.40 Horz(TL) 0.01 5 n/a n/a							

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2 **WEBS** 2 X 4 SYP No.3 **BRACING**

JOINTS

TOP CHORD 2-0-0 oc purlins (6-0-0 max.)

BOT CHORD

(Switched from sheeted: Spacing > 2-0-0).

Rigid ceiling directly applied or 10-0-0 oc bracing.

1 Brace at Jt(s): 3

REACTIONS (lb/size) 1=213/0-3-8, 6=2080/0-3-8, 5=213/0-3-8

Max Horz 1=-224(load case 4)

Max Uplift 1=-50(load case 7), 6=-544(load case 6), 5=-81(load case 4) Max Grav 1=269(load case 10), 6=2080(load case 1), 5=269(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-193/217, 2-3=-144/219, 3-4=-144/219, 4-5=-154/69

BOT CHORD 2-6=-38/213, 4-6=-38/213

WEBS 3-6=-1849/1094

JOINT STRESS INDEX

2 = 0.81, 3 = 0.78, 4 = 0.81 and 6 = 0.38

NOTES

1) Unbalanced roof live loads have been considered for this design.

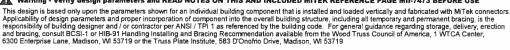
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live

4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

5) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPi 1 angle to grain formula. Building Coffee igners hould yerify capacity of bearing surface.

December 12,2007

⚠ Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	PB1	PIGGYBACK	10	1	J1916255
					Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 15:00:45 2007 Page 2

NOTES

- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 50 lb uplift at joint 1, 544 lb uplift at joint 6 and 81 lb uplift at joint 5.
- 7) SEE MITEK STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Loading has been calculated by the truss manufacturer. It is the responsibility of the Architect/Engineer of Record to verify and approve the loading.

LOAD CASE(S) Standard

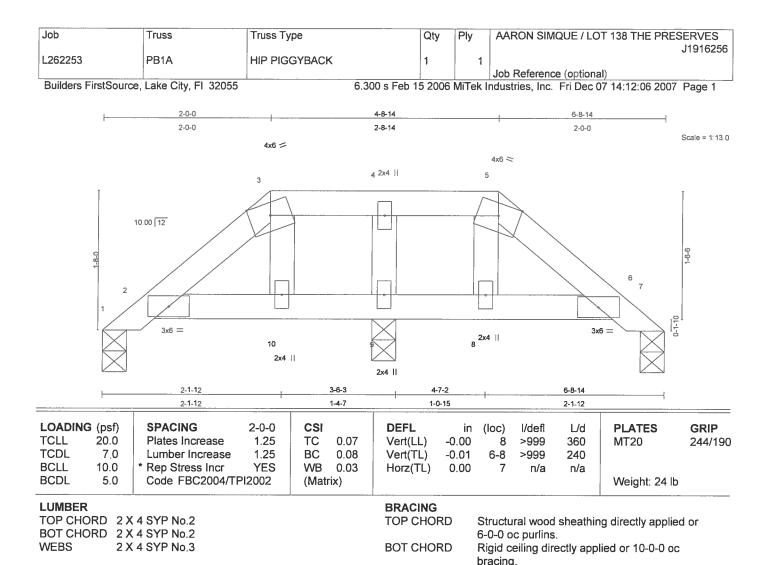
1) Regular: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 1-2=-199, 2-3=-162, 3-4=-162, 4-5=-199, 2-4=-30

Concentrated Loads (lb) Vert: 3=-1260(F)

> Lighters (Lever Trajes (Leverage) Tragerser Fileration File 11-188033; 1 3-750 Claramentasi (Many (Missa)





REACTIONS (lb/size) 1=95/0-3-8, 9=224/0-3-8, 7=95/0-3-8

Max Horz 1=44(load case 5)

Max Uplift 1=-20(load case 6), 9=-59(load case 5), 7=-26(load case 7) Max Grav 1=98(load case 10), 9=224(load case 1), 7=98(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-56/42, 2-3=-65/51, 3-4=-36/67, 4-5=-36/67, 5-6=-65/51, 6-7=-56/42

BOT CHORD 2-10=-16/39, 9-10=-13/36, 8-9=-13/36, 6-8=-14/39

WEBS 3-10=-25/31, 5-8=-25/31, 4-9=-126/114

JOINT STRESS INDEX

2 = 0.16, 3 = 0.04, 4 = 0.06, 5 = 0.04, 6 = 0.16, 8 = 0.02, 9 = 0.06 and 10 = 0.02

NOTES

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

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) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi Continued on page 2

True (Meson Enginer Plantia FE No 34861) 1 los Cimatal Roy Nort Loviton Vosch, I L 19415

December 12,2007

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	PB1A	HIP PIGGYBACK	1	1	J1916256
LEOZESS	TBIA	TIII TIGGTBACK	<u>'</u>	'	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:07 2007 Page 2

NOTES

- 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 20 lb uplift at joint 1, 59 lb uplift at joint 9 and 26 lb uplift at joint 7.
- 8) SEE MITEK STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

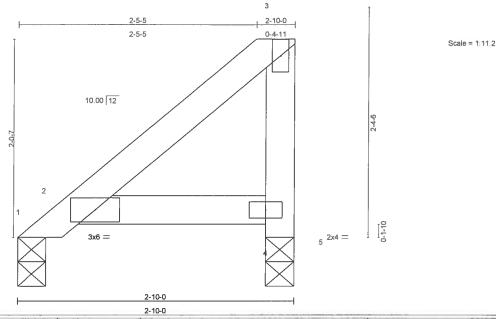


Job Truss Truss Truss Type Qty Ply AARON SIMQUE / LOT 138 THE PRESERVES
J1916257

L262253 PB2A MONO HIP PIGGYBACK 1 1 Job_Reference (optional)

Builders FirstSource, Lake City, FI 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:07 2007 Page 1



LOADING (psf) **SPACING** 2-0-0 CSI **DEFL** L/d **PLATES GRIP** I/defl in (loc) TCLL 20.0 Plates Increase 1.25 TC 0.09 Vert(LL) -0.002 >999 360 MT20 244/190 **TCDL** 7.0 Lumber Increase 1.25 BC 0.07 Vert(TL) -0.00 2 >999 240 * Rep Stress Incr **BCLL** 10.0 YES WB 0.00 Horz(TL) -0.005 n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 Weight: 11 lb (Matrix)

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or 2-10-0 oc purlins, except end verticals.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=82/0-3-8, 5=82/0-3-8

Max Horz 1=68(load case 6) Max Uplift 5=-51(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=-86/0, 2-3=-48/17, 4-5=-82/91, 3-4=-49/71

BOT CHORD 2-4=-23/20

JOINT STRESS INDEX

2 = 0.21, 3 = 0.29 and 4 = 0.19

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) 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.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 51 lb uplift at joint 5.Continued on page 2

Trues Costan Chargest Florida Pie No adisoli 1 1774 Constal Pay World Lovaton Loson, te boast

December 12,2007

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI /TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handing Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, Wi 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916257
L262253	PB2A	MONO HIP PIGGYBACK	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:07 2007 Page 2

NOTES

6) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916258
L262253	PB2B	MONO HIP PIGGYBACK	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:08 2007 Page 1

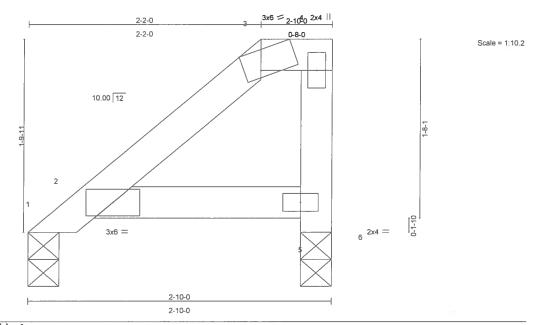


Plate Of	tsets (X,Y): [3:0-1-13,Edge]									Ţ	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20,0	Plates Increase	1,25	TC	0.08	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 10 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

WEBS

2 X 4 SYP No.3

BRACING

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

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 1=82/0-3-8, 6=82/0-3-8

Max Horz 1=55(load case 6)

Max Uplift 1=-2(load case 6), 6=-36(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-60/0, 2-3=-56/2, 3-4=-27/31, 5-6=-82/87, 4-5=-50/67

2-5=-31/27 **BOT CHORD**

JOINT STRESS INDEX

2 = 0.19, 3 = 0.02, 4 = 0.25 and 5 = 0.21

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 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) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi Continued on page 2

December 12,2007

Warning • Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916258
L262253	PB2B	MONO HIP PIGGYBACK	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:08 2007 Page 2

NOTES

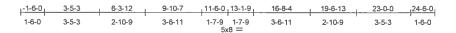
- 6) Bearing at joint(s) 1, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2 lb uplift at joint 1 and 36 lb uplift
- 8) SEE MITER STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916259
L262253	T01	ATTIC	6	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:09 2007 Page 1



Scale = 1 68 2

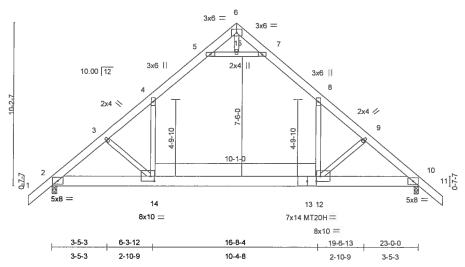


Plate Offsets (X,Y	: [12:0-2-14,0-3-11],	[14:0-2-14,0-3-11]
--------------------	-----------------------	--------------------

LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.84	Vert(LL)	-0.35 1	2-14	>774	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.50	Vert(TL)	-0.60 1	2-14	>456	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.60	Horz(TL)	0.02	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Mat	rix)	, ,					Weight: 184 lb	

LUMBER

TOP CHORD 2 X 6 SYP No.1D BOT CHORD 2 X 8 SYP No.1D WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Str

Structural wood sheathing directly applied or

3-9-12 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=1439/0-3-8, 10=1439/0-3-8

Max Horz 2=-265(load case 4)

Max Uplift 2=-70(load case 6), 10=-70(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/53, 2-3=-2078/181, 3-4=-1896/169, 4-5=-1117/246, 5-6=-40/653, 6-7=-40/653

7-8=-1117/246, 8-9=-1896/169, 9-10=-2078/181, 10-11=0/53

BOT CHORD 2-14=0/1552, 13-14=0/1177, 12-13=0/1177, 10-12=0/1552

WEBS 5-15=-2079/382, 7-15=-2079/382, 4-14=0/1047, 8-12=0/1047, 3-14=-516/198,

9-12=-516/198, 6-15=-3/122

JOINT STRESS INDEX

2 = 0.42, 3 = 0.33, 4 = 0.34, 5 = 0.71, 6 = 0.91, 7 = 0.71, 8 = 0.34, 9 = 0.33, 10 = 0.42, 12 = 0.24, 13 = 0.18, 14 = 0.24 and 15 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

Allelian m. Lawren Tranger (Lawrenger) (Lambaren err (mischieden Philliphie III (1887)) (mischieden Philliphie III (1887)) (대한대 (대한대 (대한대학자)) (대한대학자) (대한대학자)

December 12,2007

Continued on page 2

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI /TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling installing and Bracing Recorremendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1,000050	TO				J1916259
L262253	T01	ATTIC	6	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:09 2007 Page 2

NOTES

- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All plates are MT20 plates unless otherwise indicated.
- 5) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-15, 7-15; Wall dead load (5.0 psf) on member(s).4-14, 8-12
- 6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 12-14
- 7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 2 and 70 lb uplift at joint 10.

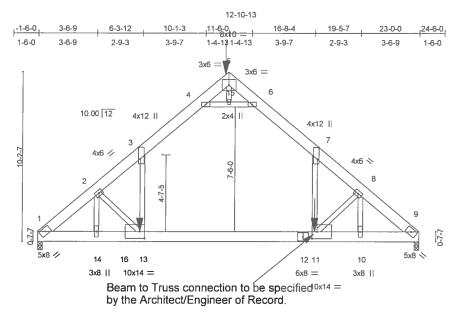
LOAD CASE(S) Standard

Judous Lees Trace Cosson Codesor This Coustai May Mori Tris Coustai May Mori



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916260
L262253	T01A	ATTIC	1	1	
				-	Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Dec 12 09:12:37 2007 Page 1



_	3-6-9	6-3-12	16-8-4	19-5-7	23-0-0
	3-6-9	2-9-3	10-4-8	2-9-3	3-6-9

Plate Of	Plate Offsets (X,Y): [3:0-8-8,Edge], [7:0-8-8,Edge], [11:0-3-8,0-5-0], [13:0-3-8,0-5-0]										
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.92	Vert(LL)	-0.22 11-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.00	BC	0.61	Vert(TL)	-0.40 11-13	>681	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.55	Horz(TL)	0.03 9	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	212002	(Mat	rix)					Weight: 800 lb	

LUMBER

TOP CHORD 2 X 8 SYP 2400F 2.0E BOT CHORD 2 X 8 SYP No.1D WEBS 2 X 4 SYP No.3 *Except*

3-13 2 X 4 SYP No.2, 7-11 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0

oc purlins.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=8903/0-3-8, 9=5485/0-3-8

Max Horz 1=-264(load case 3)

Max Uplift 1=-2088(load case 5), 9=-1142(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-11891/2752, 2-3=-9793/2129, 3-4=-4540/1027, 4-5=-717/3217, 5-6=-587/2745,

6-7=-5013/1157, 7-8=-8824/1861, 8-9=-8049/1692

BOT CHORD 1-14=-2233/9341, 14-16=-2248/9381, 13-16=-2248/9381, 12-13=-1140/5655,

11-12=-1140/5655, 10-11=-1268/6238, 9-10=-1272/6264

WEBS 4-15=-10327/2325, 6-15=-10327/2325, 3-13=-1839/8140, 7-11=-1209/5863,

2-14=-878/2517, 8-10=-1622/309, 2-13=-5475/1598, 8-11=-979/357, 5-15=-250/1193

Julium Lene Tripe Liebygen (Ingentier Philipe Pio Die Siebet Lick Insentiel Reg Blon Lowerton Loseto, 1 Lichton

JOINT STRESS INDEX

1 = 0.70, 2 = 0.47, 3 = 0.50, 4 = 0.91, 5 = 0.47, 6 = 0.91, 7 = 0.50, 8 = 0.47, 9 = 0.70, 10 = 0.20, 11 = 0.38, 12 = 0.67, 13 = 0.38, 14 = 0.20 and 15 = 0.34

December 12,2007

Scale = 1:65.5



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916260
L262253	T01A	ATTIC	1	A	
				4	Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Dec 12 09:12:37 2007 Page 2

NOTES

1) 4-ply truss to be connected together with 10d (0.131"x3") nails as follows:

Top chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.

Bottom chords connected as follows: 2 X 8 - 3 rows at 0-4-0 oc.

Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, Except member 13-3 2 X 4 - 2 rows at 0-6-0 oc.

Attach 2x6 and larger chords with 1/2 inch diameter thru bolts (ASTM a-307) with washers at 2-0-0 on center

staggered 1-0-0. Refer to drawing CNBOLTSP1103 for additional bolt spacing information.

NOTE: Do not drill bolt holes through connector plates.

- 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 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; 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) Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-15, 6-15; Wall dead load (5.0 psf) on member(s).3-13, 7-11
- 7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 11-13
- 8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2088 lb uplift at joint 1 and 1142 lb uplift at joint 9.

Loading has been calculated by the truss manufacturer. It is the responsibility of the Architect/Engineer of Record to verify and approve the loading.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-16=-701(F=-691), 13-16=-10, 11-13=-110, 9-11=-10, 1-3=-54, 3-4=-64, 4-5=-54, 5-6=-54, 6-7=-64, 7-9=-54, 4-6=-10

Drag: 3-13=-10, 7-11=-10

Concentrated Loads (lb)

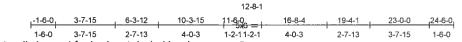
Vert: 5=-680(F) 13=-4554(F) 11=-2986(F)

Julium Law Tayes Design Engineer Turas Pill No. 3-1800 1100 Commisting filed 100 Commisting filed 100 Commission I. 19-35

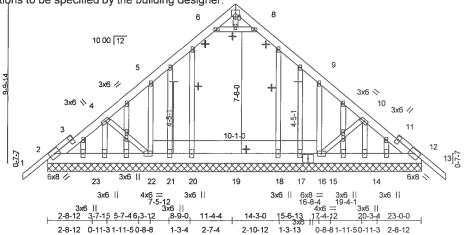


Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916261
L262253	T01G	GABLE	1	1	
					Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 07 14:30:29 2007 Page 1



Member must be laterally braced for horizontal wind loads.
 Bracing and connections to be specified by the building designer.



LOADING (psf) **SPACING** 2-0-0 CSI **DEFL PLATES GRIP** in (loc) I/defi L/d TCLL 20.0 Plates Increase 1.25 TC 0.16 Vert(LL) -0.0019 >999 360 MT20 244/190 Vert(TL) **TCDL** 7.0 1.25 BC 0.05 -0.0014 >999 240 Lumber Increase **BCLL** 10.0 Rep Stress Incr NO WB 0.07 Horz(TL) 0.01 12 n/a n/a Code FBC2004/TPI2002 **BCDL** 5.0 Weight: 232 lb (Matrix)

LUMBER

TOP CHORD 2 X 6 SYP No.1D *Except*

1-3 2 X 4 SYP No.1D, 11-13 2 X 4 SYP No.1D

BOT CHORD 2 X 8 SYP No.1D

WEBS 2 X 4 SYP No.3 OTHERS 2 X 4 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.

REACTIONS (lb/size)

2=518/0-3-8, 12=518/0-3-8, 22=483/0-3-8, 15=483/0-3-8, 20=240/0-3-8, 21=109/0-3-8, 18=240/0-3-8, 17=109/0-3-8, 19=313/0-3-8, 23=58/0-3-8,

14=58/0-3-8

Max Horz 2=326(load case 5)

Max Uplift 2=-168(load case 6), 12=-173(load case 7), 22=-291(load case 6), 15=-288(load

rase 7)

Max Grav 2=518(load case 1), 12=518(load case 1), 22=505(load case 11), 15=505(load case

12), 20=240(load case 10), 21=109(load case 1), 18=240(load case 10),

17=109(load case 1), 19=313(load case 1), 23=112(load case 2), 14=112(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/59, 2-3=-548/95, 3-4=-488/100, 4-5=-403/113, 5-6=-459/187, 6-7=-112/34,

7-8=-112/41, 8-9=-459/187, 9-10=-403/99, 10-11=-488/87, 11-12=-548/79, 12-13=0/59

BOT CHORD 2-23=-114/375, 22-23=-114/375, 21-22=-58/277, 20-21=-58/277, 19-20=-58/277,

18-19=-58/277, 17-18=-58/277, 16-17=-58/277, 15-16=-58/277, 14-15=-48/375,

12-14=-48/375

WEBS 6-40=-224/237, 8-40=-224/237, 5-22=-339/260, 9-15=-339/253, 4-22=-132/146,

10-15=-132/150, 7-40=-3/31

Linking on Lumbon

Torque the discourance of the Charles of the control of the co

December 12.2007

Scale = 1 66.9

Continued on page 2

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and/or contractor per ANSI/TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BcSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Medison, WI 537-19 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 537-19



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T01G	GABLE	1	1	J1916261
		J. 1322			Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 07 14:30:29 2007 Page 2

JOINT STRESS INDEX

2 = 0.77, 3 = 0.00, 3 = 0.32, 4 = 0.37, 5 = 0.34, 6 = 0.34, 7 = 0.22, 8 = 0.34, 9 = 0.34, 10 = 0.37, 11 = 0.00, 11 = 0.32, 12 = 0.77, 15 = 0.25, 16 = 0.06, 17 = 0.16, 18 = 0.16, 20 = 0.16, 21 = 0.16, 22 = 0.25, 24 = 0.34, 25 = 0.34, 26 = 0.34, 26 = 0.34, 26 = 0.34, 27 = 0.34, 28 = 0.16, 29 = 0.16, 30 = 0.16, 30 = 0.16, 31 = 0.34, 32 = 0.34, 33 = 0.34, 34 = 0.34, 35 = 0.16, 36 = 0.34, 36 = 0.34, 37 = 0.16, 38 = 0.16, 39 = 0.34 and 40 = 0.34

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 2x4 MT20 unless otherwise indicated.
- 6) Gable studs spaced at 1-4-0 oc.
- 7) Ceiling dead load (5.0 psf) on member(s). 5-6, 8-9, 6-40, 8-40; Wall dead load (5.0 psf) on member(s). 5-22, 9-15
- 8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 21-22, 20-21, 19-20, 18-19, 17-18, 15-17
- 9) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 168 lb uplift at joint 2, 173 lb uplift at joint 12, 291 lb uplift at joint 22 and 288 lb uplift at joint 15.
- 11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 2-22=-10, 15-22=-110, 12-15=-10, 1-5=-64(F=-10), 5-6=-74(F=-10), 6-7=-64(F=-10), 7-8=-64(F=-10), 8-9=-74(F=-10), 8-9=-74

9-13=-64(F=-10), 6-8=-10

Drag: 5-22=-10, 9-15=-10

Julium Lees Trube Copean Crasser Harida Pin Dia adeste Harida Communi Pay Missi Novince Lease, the poster



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916262
L262253	T02	MONO TRUSS	4	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:13 2007 Page 1

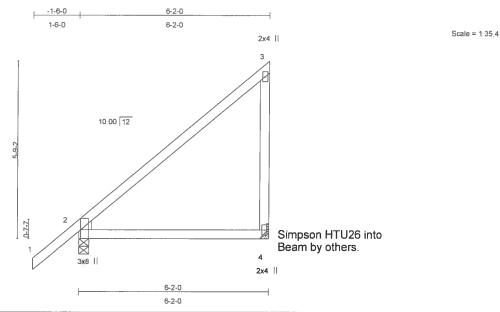


Plate Of	Plate Offsets (X,Y): [2:0-3-8,Edge]											
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20,0	Plates Increase	1.25	TC	0,32	Vert(LL)	-0.06	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.11	2-4	>651	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 32 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.1D BOT CHORD 2 X 4 SYP No.2 **WEBS** 2 X 4 SYP No.3

WEDGE

Left: 2 X 4 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.

Recommended hanger connection based on manufacturer tested capacities and nail calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. Hanger connection to be reviewed and approved by the Architect/Engineer of Record.

REACTIONS (lb/size) 2=290/0-4-0, 4=175/Mechanical

Max Horz 2=307(load case 6)

Max Uplift 2=-94(load case 6), 4=-185(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-182/76

BOT CHORD 2-4=0/0 **WEBS** 3-4=-145/221

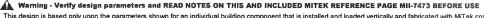
JOINT STRESS INDEX

2 = 0.16, 2 = 0.00, 3 = 0.11 and 4 = 0.12

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions

2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other Colivadedon page 2

December 12,2007



This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and/ or contractor per ANSI / TP1 1 as referenced by the building one For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916262
L262253	T02	MONO TRUSS	4	1	
L					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:13 2007 Page 2

NOTES

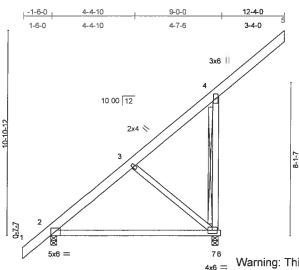
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint 2 and 185 lb uplift at joint 4.

LOAD CASE(S) Standard



	Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
						J1916263
Į	L262253	T03	MONO TRUSS	2	1	
						Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:13 2007 Page 1



Warning: This truss has not been designed to support any additional load from conventional framing.

1	8-10-8	9-9-0
,	B-10-8	0.10
	8-10-8	0-1-8

Plate Of	ffsets (X,Y): [2:0-0-0,0-0-4]									-	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.ó	Plates Increase	1.25	TC	0.45	Vert(LL)	-0.10	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.18	2-7	>583	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 75 lb	

LUMBER

TOP CHORD 2 X 6 SYP No.1D BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4

2 X 4 SYP No.3

BRACING

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

WEBS T-Brace:

2 X 4 SYP No.3 - 4-7

Scale = 1:57.7

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 7=505/0-4-0, 2=331/0-4-0

Max Horz 2=370(load case 6)

Max Uplift 7=-376(load case 5), 2=-3(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/49, 2-3=-527/41, 3-4=-522/120, 4-5=-125/0, 4-7=-383/728

BOT CHORD 2-7=-85/100, 6-7=0/0

WEBS 3-7=-128/121

JOINT STRESS INDEX

2 = 0.68, 3 = 0.06, 4 = 0.38 and 7 = 0.34

Justinum Lemme

Fragge of Compacting Compacting

Fragge of Compacting Compacting

Fragge of Compacting

Fragge

December 12,2007

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1				'	J1916263
L262253	T03	MONO TRUSS	2	1	
			1		Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:13 2007 Page 2

NOTES

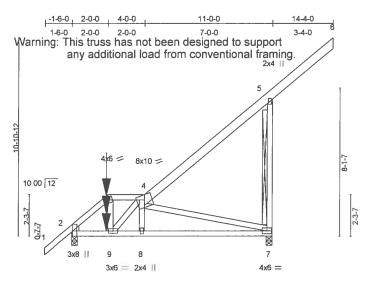
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 376 lb uplift at joint 7 and 3 lb uplift at joint 2.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916264
L262253	T04	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 12:52:03 2007 Page 1



2-0-0 11-0-0 2-0-0 9-0-0

Plate Of	fsets (X,Y)	:	[2:0-3-8,Edge], [4:0-	-5-0,0-3-5]								,	
LOADIN	IG (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defi	L/d	PLATES	GRIP
TCLL	20.Ó		Plates Increase	1.25	TC	0.25	Vert(LL)	-0.06	7-8	>999	360	MT20	244/190
TCDL	7.0		Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.10	7-8	>999	240		
BCLL	10.0	*	Rep Stress Incr	NO	WB	0.48	Horz(TL)	0.01	7	n/a	n/a		
BCDL	5.0		Code FBC2004/TF	PI2002	(Mati	ix)	\					Weight: 89 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except*

4-6 2 X 6 SYP No.1D

BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD

BOT CHORD

WEBS

oc purlins, except end verticals.

Rigid ceiling directly applied or 10-0-0 oc bracing.

2 X 4 SYP No.3 - 5-7

Structural wood sheathing directly applied or 6-0-0

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum

end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 7=586/0-4-0, 2=555/0-4-0

Max Horz 2=365(load case 5)

Max Uplift 7=-338(load case 4), 2=-89(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/45, 2-3=-536/101, 3-4=-352/64, 4-5=-295/138, 5-6=-120/0, 5-7=-409/364 TOP CHORD

2-9=-209/330, 8-9=-131/519, 7-8=-134/514 **BOT CHORD**

3-9=-39/261, 4-9=-244/0, 4-7=-530/141, 4-8=0/219 **WEBS**

JOINT STRESS INDEX

2 = 0.32, 2 = 0.00, 3 = 0.15, 4 = 0.11, 5 = 0.65, 7 = 0.22, 8 = 0.16 and 9 = 0.17

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.

2) Provide adequate drainage to prevent water ponding.

3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live

A) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

December 12,2007

Scale = 1.59 8

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916264
L262253	T04	SPECIAL	1	1	
			1		Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 12:52:03 2007 Page 2

NOTES

- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 338 lb uplift at joint 7 and 89 lb uplift at joint 2.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf)

Vert: 1-3=-54, 3-4=-54, 4-5=-54, 5-6=-54, 2-7=-10

Concentrated Loads (lb)

Vert: 3=-53(F) 9=-126(F)

Judican Larer
Tracks (1996) op 1 Producer
Fine Colombia (1997) op 1 Producer
Fine Colo



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1,000050	705	ODEOW			J1916265
L262253	T05	SPECIAL	1	1	Joh Deference (antional)
				1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:15 2007 Page 1

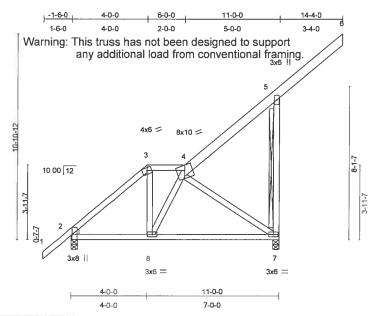


Plate Offsets (X,Y): [2:0-3-8,Edge], [4:0-5-0,0-3-5] LOADING (psf) **SPACING** 2-0-0 CSI L/d **PLATES GRIP DEFL** (loc) I/defl in TCLL 20.0 Plates Increase 1.25 TC 0.39 Vert(LL) -0.057-8 >999 360 MT20 244/190 **TCDL** 7.0 Lumber Increase 1.25 BC 0.23 -0.08>999 240 Vert(TL) 7-8 **BCLL** 10.0 WB 0.15 Rep Stress Incr YES 0.00 7 Horz(TL) n/a n/a **BCDL** Code FBC2004/TPI2002 5.0 (Matrix) Weight: 87 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except*

4-6 2 X 6 SYP No.1D

BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3

WEDGE

Left: 2 X 4 SYP No.3

BRACING

BOT CHORD

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

WEBS

T-Brace:

2 X 4 SYP No.3 - 5-7 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in

Scale = 1 57 6

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 7=553/0-4-0, 2=408/0-4-0

Max Horz 2=365(load case 6)

Max Uplift 7=-331(load case 5), 2=-18(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-362/30, 3-4=-210/10, 4-5=-487/124, 5-6=-120/0, 5-7=-383/681

BOT CHORD 2-8=-245/208, 7-8=-69/190

WEBS 3-8=-23/371, 4-8=-380/82, 4-7=-237/91

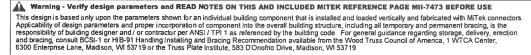
JOINT STRESS INDEX

2 = 0.20, 2 = 0.00, 3 = 0.17, 4 = 0.12, 5 = 0.33, 7 = 0.46 and 8 = 0.18

Compacin Cracianyona a Pilo I-los of -1810/16

December 12,2007

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916265
L262253	T05	SPECIAL	1	1	
	1		}		Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:15 2007 Page 2

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 331 lb uplift at joint 7 and 18 lb uplift at joint 2.

LOAD CASE(S) Standard

Julium Love Truck Cowden Chargeon Hockela Pin 140 Heath Hockeland May More



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1 000050	T00	0050141			J1916266
L262253	T06	SPECIAL	1	1	Joh Defenence (autional)
	1				Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:15 2007 Page 1

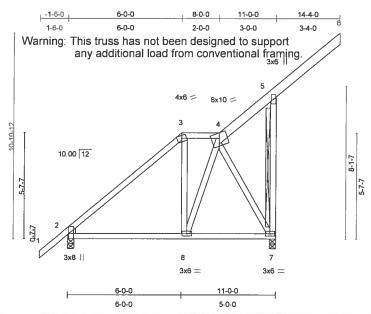


Plate Offsets (X,Y): [2:0-3-8,Edge], [4:0-5-0,0-3-5] LOADING (psf) **SPACING** 2-0-0 CSI **DEFL** I/defl L/d **PLATES GRIP** in (loc) TCLL 20.0 Plates Increase 1.25 TC 0.36 Vert(LL) -0.032-8 >999 360 MT20 244/190 **TCDL** 7.0 Lumber Increase 1.25 BC 0.20 Vert(TL) -0.052-8 >999 240 BCLL 10.0 Rep Stress Incr WB 0.29 YES Horz(TL) 0.00 n/a n/a **BCDL** Weight: 89 lb 5.0 Code FBC2004/TPI2002 (Matrix)

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except*

4-6 2 X 6 SYP No.1D

BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD

6-0-0 oc purlins, except end verticals. **BOT CHORD**

Rigid ceiling directly applied or 10-0-0 oc

Structural wood sheathing directly applied or

bracing.

WEBS T-Brace:

2 X 4 SYP No.3 - 5-7

Scale = 1:57.6

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 7=553/0-4-0, 2=408/0-4-0

Max Horz 2=338(load case 6)

Max Uplift 7=-347(load case 7), 2=-27(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-339/0, 3-4=-160/0, 4-5=-497/130, 5-6=-120/0, 5-7=-390/716

BOT CHORD 2-8=-189/166, 7-8=-43/78

3-8=-157/510, 4-8=-529/250, 4-7=-172/85 **WEBS**

JOINT STRESS INDEX

2 = 0.43, 2 = 0.00, 3 = 0.44, 4 = 0.14, 5 = 0.29, 7 = 0.42 and 8 = 0.25

December 12,2007

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1 202252	TOG	CDECIAL	4		J1916266
L262253	T06	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:15 2007 Page 2

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) -1-6-0 to 14-4-0 zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 347 lb uplift at joint 7 and 27 lb uplift at joint 2.

LOAD CASE(S) Standard

Julian Les Trace Common Engineer Three Min No. 3-1960 Three Min No. 3-1960 Toylon User, L. 15-415



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T07	SPECIAL	4	4	J1916267
L202255	107		'	'	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:16 2007 Page 1

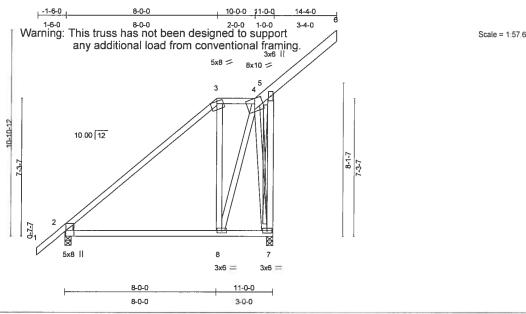


Plate Of	fsets (X,Y	'): [2:0-3-8,Edge], [4:	0-5-0,0-3-	5]				7			-	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	0.11	2-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.18	2-8	>698	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.59	Horz(TL)	-0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 94 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except*
4-6 2 X 6 SYP No.1D
BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3
WEDGE

Left: 2 X 4 SYP No.3

BRACING

BOT CHORD

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 6-0-0 oc

bracing.

WEBS T-Brace:

2 X 4 SYP No.3 - 5-7

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 7=553/0-4-0, 2=408/0-4-0

Max Horz 2=358(load case 6)

Max Uplift 7=-374(load case 5), 2=-19(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-376/29, 3-4=-113/0, 4-5=-645/226, 5-6=-120/0, 5-7=-591/1059

BOT CHORD 2-8=-128/117, 7-8=-19/49

WEBS 3-8=-323/600, 4-8=-641/460, 4-7=-312/128

JOINT STRESS INDEX

2 = 0.60, 2 = 0.00, 3 = 0.86, 4 = 0.30, 5 = 0.34, 7 = 0.53 and 8 = 0.44

Circliners Learner
Though the services the control of the control

December 12,2007

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T07	SPECIAL	1	1	J1916267
	1.07	OI LOW LE	'	'	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:16 2007 Page 2

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) -1-6-0 to 14-4-0 zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 374 lb uplift at joint 7 and 19 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Leve Trues Cossen Undependent Hursda Phi No. 2 detail 1100 Constant Pay Plont 120/108 Levent Levent



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T08	MONO HIP	1	1	J1916268
1202255	100		'	,	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:17 2007 Page 1

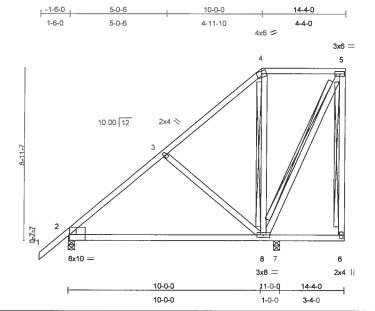


Plate Of	ffsets (X, Y): [2:0-0-1,Edge]										
LOADIN	NG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.23	`2-8	>561	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.43	2-8	>295	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.18	Horz(TL)	-0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	2002	(Mat	rix)	` ′					Weight: 99 lb	
		1			·							

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
WEDGE

Left: 2 X 4 SYP No.3

BRACING TOP CHORD

BOT CHORD

WEBS

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 6-0-0 oc

bracing.

T-Brace:

2 X 4 SYP No.3 - 5-6,

Scale = 1 56 6

4-8, 5-8

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=405/0-4-0, 7=583/0-4-0

Max Horz 2=327(load case 6)

Max Uplift 2=-56(load case 6), 7=-295(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-280/0, 3-4=-177/86, 4-5=-37/10, 5-6=-87/33

BOT CHORD 2-8=-183/169, 7-8=-7/3, 6-7=-7/3

WEBS 3-8=-222/279, 4-8=-271/312, 5-8=-30/82

JOINT STRESS INDEX

2 = 0.71, 2 = 0.00, 3 = 0.15, 4 = 0.64, 5 = 0.15, 6 = 0.48 and 8 = 0.21

Jackson Lange Tealth & Clempacan Communication Whitehale memoral many micros 1 1000 Clemponton Procy Microst 1 2 000 Communication & Many

December 12,2007

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T08	MONO HIP	1	1	J1916268
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:17 2007 Page 2

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; cantilever right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 56 lb uplift at joint 2 and 295 lb uplift at joint 7.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916269
L262253	T09	MONO HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:17 2007 Page 1

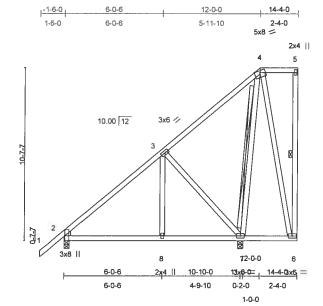


Plate Of	ffsets (X, Y	'): [2:0-3-8,Edge]		1		-				- 1-11	¥	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.03	`2-8	>999	360	MT20	244/19
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.05	2-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.28	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	` ′					Weight: 115 lb	

LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 **WEBS** 2 X 4 SYP No.3 WEDGE

Left: 2 X 4 SYP No.3

BRACING TOP CHORD

BOT CHORD

WEBS

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 6-0-0 oc bracing.

1 Row at midpt

5-6

T-Brace:

2 X 4 SYP No.3 - 4-7

Scale = 1 66.9

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=413/0-4-0, 7=574/0-4-0

Max Horz 2=380(load case 6)

Max Uplift 2=-12(load case 6), 7=-300(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-335/0, 3-4=-222/141, 4-5=-1/1, 5-6=-42/41

BOT CHORD 2-8=-163/176, 7-8=-163/176, 6-7=-11/11

WEBS 3-8=0/182, 3-7=-306/314, 4-7=-309/410, 4-6=-56/54

JOINT STRESS INDEX

2 = 0.33, 2 = 0.00, 3 = 0.17, 4 = 0.51, 5 = 0.07, 6 = 0.04, 7 = 0.21 and 8 = 0.13

1) Unbalanced roof live loads have been considered for this design. Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T09	MONO HIP	1	1	J1916269
L202255	105	NONO FIF	'	. '	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:18 2007 Page 2

NOTES

- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; cantilever right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 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) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 12 lb uplift at joint 2 and 300 lb uplift at joint 7.

LOAD CASE(S) Standard

Julius Laws Trues Cossan Engineer Florate Mir No. 3-1800 1100 Community Mive Ucymon Usan, to Duspe



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916270
L262253	T10	MONO HIP	1	1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:18 2007 Page 1

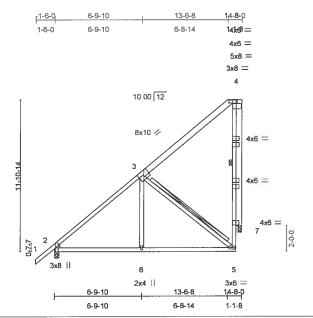


Plate Of	ffsets (X,Y	'): [2:0-3-8,Edge], [4:	0-3-2,0-0-	13], [4:0)-3-4,0-0	-1]						
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.05	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.09	5-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.19	Horz(TL)	-0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 122 lb	

LUMBER

TOP CHORD 2 X 6 SYP No.1D *Except*

1-3 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3

OTHERS 2 X 6 SYP No.1D

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc

bracing.

WEBS 1 Row at midpt

4-5

T-Brace:

2 X 4 SYP No.3 - 3-5

Scale = 1 85 3

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=540/0-4-0, 7=447/0-3-8

Max Horz 2=426(load case 6)

Max Uplift 2=-39(load case 6), 7=-280(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-515/0, 3-4=-155/96, 5-7=-224/274, 4-7=-173/204

BOT CHORD 2-6=-300/303, 5-6=-301/300

WEBS 3-6=0/240, 3-5=-375/379

Allelianes Lucese.

Francisco de Lucese.

Francisco de Lucese.

Francisco de Lucese.

I francisco de Lucese.

Allelianes.

Allelianes.

Allelianes.

Allelianes.

Allelianes.

JOINT STRESS INDEX

2 = 0.48, 2 = 0.00, 3 = 0.18, 4 = 0.54, 4 = 0.14, 4 = 0.18, 4 = 0.18, 5 = 0.77, 6 = 0.17, 7 = 0.00, 7 = 0.18, 7 = 0.18 and 7 = 0.18

December 12,2007

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916270
L262253	T10	MONO HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:18 2007 Page 2

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 39 lb uplift at joint 2 and 280 lb uplift at joint 7.

LOAD CASE(S) Standard

Judium Larer Trupa i licerage i regressor Fibrica Pili Pic Billion 1 1990 Commence Fing Pilon



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916271
L262253	T11	MONO TRUSS	5	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:19 2007 Page 1

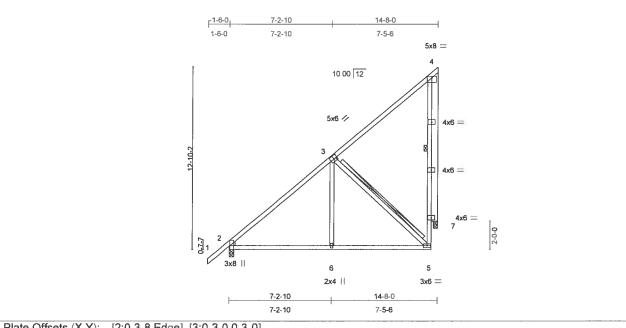


Plate O	ITSETS (X, Y): [2:0-3-8,Eage], [3:	0-3-0,0-3-	0]								
LOADIN	NG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates increase	1.25	TC	0.33	Vert(LL)	0.07	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.10	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.19	Horz(TL)	-0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 118 lb	

 LUMBER

 TOP CHORD
 2 X 4 SYP No.2

 BOT CHORD
 2 X 4 SYP No.2

 WEBS
 2 X 4 SYP No.3

 OTHERS
 2 X 6 SYP No.1D

 WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD

BOT CHORD

WEBS

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 10-0-0 oc bracing.

1 Row at midpt

4-5

T-Brace:

2 X 4 SYP No.3 - 3-5

Scale = 1:76 5

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (ib/size) 2=540/0-4-0, 7=447/0-3-8

Max Horz 2=438(load case 6)

Max Uplift 2=-29(load case 6), 7=-290(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-504/0, 3-4=-157/94, 5-7=-237/283, 4-7=-164/206

BOT CHORD 2-6=-290/288, 5-6=-290/287 WEBS 3-6=0/241, 3-5=-373/375

JOINT STRESS INDEX

2 = 0.59, 2 = 0.00, 3 = 0.47, 4 = 0.80, 5 = 0.63, 6 = 0.17, 7 = 0.00, 7 = 0.18, 7 = 0.18 and 7 = 0.18 Teaching the following of the control o

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916271
L262253	T11	MONO TRUSS	5	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:19 2007 Page 2

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 2 and 290 lb uplift at joint 7.

LOAD CASE(S) Standard

Alleiniama Lawrer Prajews (Liewerkorth Indakmetern Prajews (Liewerkorth Indakmetern Prajems with Liewerth (Prajem) UCMPLOCATURES (Liewerth, 1884) 나타이었다.



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916272
L262253	T11T	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:20 2007 Page 1

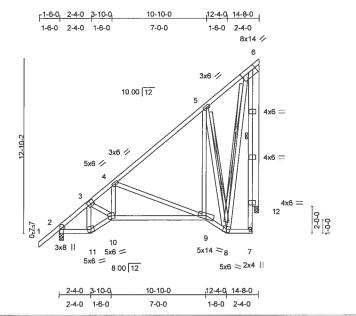


Plate Of	ffsets (X,Y	'): [2:0-3-8,Edge], [3:	0-3-0,0-3-	-0]							.,	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defi	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.05	9-10	>999	360	MT20	244/19
TCDL	7.0	Lumber Increase	1.25	ВС	0.25	Vert(TL)	-0.11	9-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.37	Horz(TL)	-0.02	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		, ,					Weight: 159 lb	
				,								

LUMBER					
TOP CHORD	2 X 4 SYP No.2				
BOT CHORD	2 X 4 SYP No.2				
WEBS	2 X 4 SYP No.3				
OTHERS	2 X 6 SYP No.1D				
WEDGE					
Left: 2 X 4 SYP No.3					

BRACING TOP CHORD

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

BOT CHORD WEBS

1 Row at midpt

T-Brace:

2 X 4 SYP No.3 - 5-8,

Scale = 1 80 1

6-8

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=540/0-4-0, 12=452/0-3-8

Max Horz 2=440(load case 6)

Max Uplift 2=-27(load case 6), 12=-294(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-525/0, 3-4=-654/105, 4-5=-320/0, 5-6=-170/37, 7-12=0/34,

BOT CHORD 2-11=-377/315, 10-11=-433/387, 9-10=-563/534, 8-9=-180/206, 7-8=-6/6

3-11=-228/248, 3-10=-246/288, 4-10=-60/242, 4-9=-404/437, 5-9=-211/368, **WEBS**

5-8=-553/537, 6-8=-439/437

1 STRESS INDEX 2 = 0.29, 2 = 0.00, 3 = 0.12, 4 = 0.20, 5 = 0.30, 6 = 0.08, 7 = 0.11, 8 = 0.26, 9 = 0.43, 10 = 0.63, 11 = 0.11, 12 = 0.00, 12 = December 12,2007 Conthued 12 - 0.18

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connector. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T11T	SPECIAL	4		J1916272
L202255	1111	SPECIAL	'	'	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:20 2007 Page 2

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Bearing at joint(s) 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint 2 and 294 lb uplift at joint 12.

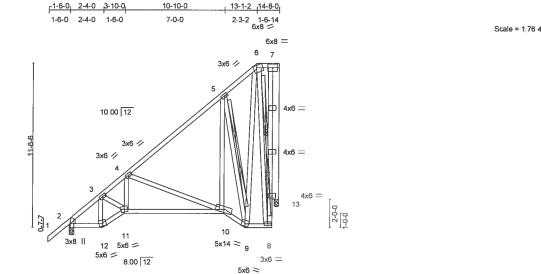
LOAD CASE(S) Standard

Julium Lerr Truss Cosson Crosson Horida Ph. No. 3-1808 1100 Comesial May Nive USVIION USAN, 1-24-15



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916273
L262253	T12	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:21 2007 Page 1



12-4-0, 14-8-0

1-6-0 2-4-0

[2:0-3-8,Edge], [6:0-2-13,Edge] Plate Offsets (X,Y): LOADING (psf) **SPACING** 2-0-0 CSI **DEFL** I/defl L/d **PLATES GRIP** in (loc) 20.0 1.25 TC 0.33 TCLL Plates Increase Vert(LL) -0.05 10-11 >999 360 MT20 244/190 TCDL 7.0 Lumber Increase 1.25 BC 0.25 -0.11 10-11 >999 240 Vert(TL) 10.0 **BCLL** * Rep Stress Incr YES WB 0.91 Horz(TL) -0.02 13 n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 169 lb

10-10-0

7-0-0

LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 **WEBS** 2 X 4 SYP No.3 2 X 6 SYP No.1D **OTHERS** WEDGE

Left: 2 X 4 SYP No.3

BRACING TOP CHORD

BOT CHORD

WEBS

1 Row at midpt

7-8

Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 8-6-0 oc

T-Brace:

bracing.

2 X 4 SYP No.3 - 5-9,

6-8

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=540/0-4-0, 13=447/0-3-8

Max Horz 2=410(load case 6)

Max Uplift 2=-53(load case 6), 13=-254(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-524/0, 3-4=-657/153, 4-5=-321/0, 5-6=-168/84, 6-7=-6/6,

8-13=-303/333, 7-13=-114/113

BOT CHORD 2-12=-370/314, 11-12=-417/378, 10-11=-556/533, 9-10=-181/207, 8-9=-31/32

3-12=-223/240, 3-11=-247/288, 4-11=-56/242, 4-10=-402/430, 5-10=-210/368, WEBS

2-4-0 3-10-0

2-4-0 1-6-0

5-9=-561/545, 6-9=-421/419, 6-8=-301/289

JOINT STRESS INDEX

NT STRESS INDEX
2 = 0.28, 2 = 0.00, 3 = 0.18, 4 = 0.20, 5 = 0.30, 6 = 0.22, 7 = 0.14, 8 = 0.37, 9 = 0.25, 10 = 0.44, 11 = 0.63, 12 = 0.11, 13 =

December 12,2007 Continued by = 0.18 and 13 = 0.18

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors

Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handing Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916273
L262253	T12	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:21 2007 Page 2

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 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) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Bearing at joint(s) 13 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 53 lb uplift at joint 2 and 254 lb uplift at joint 13.

LOAD CASE(S) Standard

Judicas Laws Trapa Crossoph Crossoph Horida Phi Plu B-1886h Horida Crossoph Physics 1 1966 Crossoph Physics



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916274
L262253	T13	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:22 2007 Page 1



Scale: 3/16"=1"

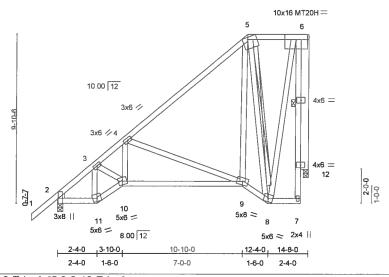


Plate Of	tsets (X,Y): [2:0-3-8,Edge], [5:	0-3-13,Ed	gel								
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	i/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.05	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.10	9-10	>999	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.69	Horz(TL)	0.02	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 144 lb	

LUMBER								
TOP CHORD	2 X 4 SYP No.2							
BOT CHORD	2 X 4 SYP No.2							
WEBS	2 X 4 SYP No.3							
OTHERS	2 X 6 SYP No.1D							
WEDGE								
Left: 2 X 4 SYP No.3								

BRACING **TOP CHORD**

BOT CHORD

WEBS

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

1 Row at midpt

6-7

T-Brace:

2 X 4 SYP No.3 - 5-8 Fasten T and I braces to narrow edge of web

with 10d Common wire nails, 9in o.c., with 4in minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=540/0-4-0, 12=452/0-3-8

Max Horz 2=356(load case 6)

Max Uplift 2=-90(load case 6), 12=-194(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-523/6, 3-4=-658/225, 4-5=-319/24, 5-6=-76/70, 7-12=0/28,

6-12=-448/391

BOT CHORD 2-11=-347/312, 10-11=-391/376, 9-10=-549/541, 8-9=-142/178, 7-8=-10/13

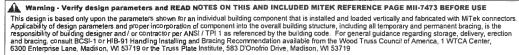
WEBS 3-11=-221/225, 3-10=-264/301, 4-10=-33/240, 6-8=-415/430, 5-9=-186/353,

4-9=-418/442, 5-8=-507/466

JOINT STRESS INDEX

2 = 0.28, 2 = 0.00, 3 = 0.19, 4 = 0.20, 5 = 0.50, 6 = 0.06, 7 = 0.07, 8 = 0.22, 9 = 0.41, 10 = 0.63, 11 = 0.11, 12 = 0.00, 12 = 0.000.18 and 12 = 0.18

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916274
L262253	113	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:22 2007 Page 2

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All plates are MT20 plates unless otherwise indicated.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Bearing at joint(s) 12 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 90 lb uplift at joint 2 and 194 lb uplift at joint 12.

LOAD CASE(S) Standard

Justinares Lawree
Tengung of Englangs approximately approximately for the Color of the Color of



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916275
L262253	T14	SPECIAL	1	1	
	1				Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:23 2007 Page 1

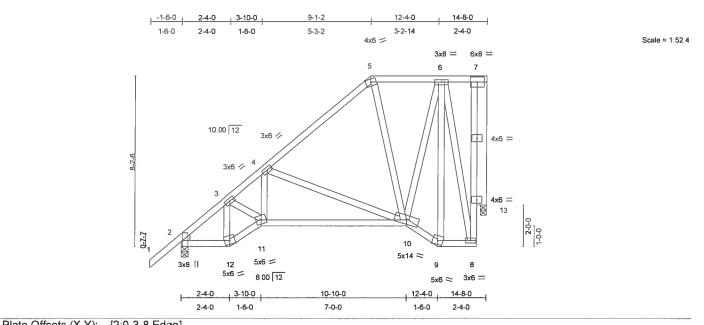


Plate Of	nsets (A, t): [2:0-3-8,Edge]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates increase	1.25	TC	0.21	Vert(LL)	-0.05	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.24	Vert(TL)	-0.09	10-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.43	Horz(TL)	0.02	13	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 139 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3 **OTHERS** 2 X 6 SYP No.1D

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 9-3-0 oc

bracing.

REACTIONS (lb/size) 2=540/0-4-0, 13=447/0-3-8

Max Horz 2=302(load case 6)

Max Uplift 2=-117(load case 6), 13=-148(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-528/80, 3-4=-652/277, 4-5=-330/97, 5-6=-160/122, 6-7=-5/4,

8-13=-277/386, 7-13=-61/57

BOT CHORD 2-12=-334/323, 11-12=-376/388, 10-11=-469/498, 9-10=-64/116, 8-9=-60/78 **WEBS**

3-12=-230/224, 3-11=-185/239, 4-11=-69/249, 4-10=-333/329, 5-10=-111/157,

6-10=-273/355, 6-9=-76/34, 6-8=-376/286

JOINT STRESS INDEX

2 = 0.29, 2 = 0.00, 3 = 0.15, 4 = 0.19, 5 = 0.64, 6 = 0.45, 7 = 0.07, 8 = 0.26, 9 = 0.08, 10 = 0.49, 11 = 0.60, 12 = 0.11, 13 = 0.49, 10 = 0.49, 0.00, 13 = 0.18 and 13 = 0.18

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1 000050	T4.4	CDECIAL			J1916275
L262253	114	SPECIAL	1	1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:23 2007 Page 2

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Bearing at joint(s) 13 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 117 lb uplift at joint 2 and 148 lb uplift at joint 13.

LOAD CASE(S) Standard

Healthouse Learner
(Craylege Healthouse Theory and Second to the Policy of the Community of



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
				'	J1916276
L262253	T15	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:24 2007 Page 1

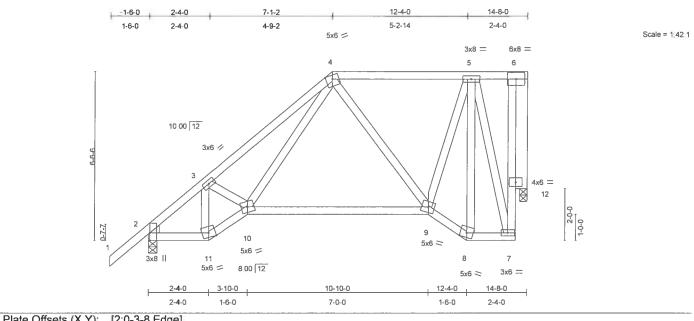


Plate Of	iseis (A, f). [2.0-3-6,⊏uge]										
LOADIN	I G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.19	Vert(LL)	-0.05	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.09	9-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.32	Horz(TL)	0.01	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 119 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3 OTHERS 2 X 6 SYP No.1D

OTHERS WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 9-11-12 oc

bracing.

REACTIONS (lb/size) 2=540/0-4-0, 12=447/0-3-8

Max Horz 2=249(load case 6)

Max Uplift 2=-134(load case 6), 12=-140(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-542/160, 3-4=-662/357, 4-5=-204/134, 5-6=-3/1, 7-12=-300/451,

6-12=-24/12

BOT CHORD 2-11=-349/357, 10-11=-396/428, 9-10=-257/310, 8-9=-87/153, 7-8=-79/112

WEBS 3-11=-270/262, 3-10=-37/160, 4-10=-197/314, 4-9=-184/209, 5-9=-191/314,

5-8=-95/48, 5-7=-448/313

Andreas Lacres
Tropped Carestadas 4 programment
Florische Principal Antonio 18-1880 th
1 100 a Carestadas Principal Antonio
1 100 a Carestadas Principal Antonio 18-1880 th
1 100 a Carestadas Principal Antonio 18-1880 th

JOINT STRESS INDEX

2 = 0.36, 2 = 0.00, 3 = 0.16, 4 = 0.65, 5 = 0.38, 6 = 0.02, 7 = 0.29, 8 = 0.09, 9 = 0.65, 10 = 0.59, 11 = 0.15, 12 = 0.00 and 12 = 0.18

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T15	SPECIAL	1	1	J1916276
L202233	113	of Edite	'	'	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:24 2007 Page 2

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Bearing at joint(s) 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 134 lb uplift at joint 2 and 140 lb uplift at joint 12.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T16	MONO HIP	1	4	J1916277
L202255	110	NONO THE	<u> </u>	'	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:24 2007 Page 1

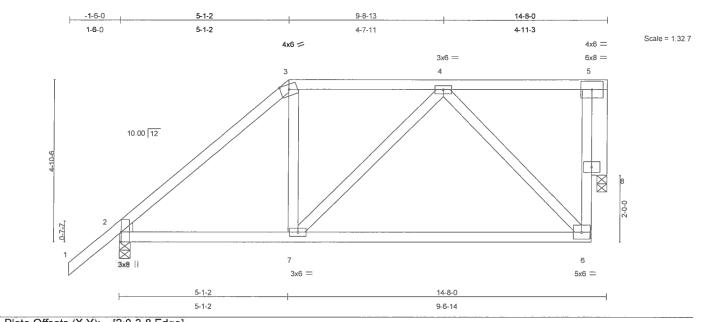


Plate Of	isets (X, Y): [2:0-3-8,Eage]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.56	Vert(LL)	-0.12	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	-0.20	6-7	>828	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.27	Horz(TL)	-0.02	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)						Weight: 86 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 2 X 4 SYP No.3 **WEBS**

2 X 6 SYP No.1D **OTHERS**

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=540/0-4-0, 8=447/0-3-8

Max Horz 2=195(load case 6)

Max Uplift 2=-141(load case 6), 8=-134(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-544/200, 3-4=-337/234, 4-5=-42/6, 6-8=-184/324, 5-8=-121/95

BOT CHORD 2-7=-237/335, 6-7=-204/294

WEBS 3-7=0/159, 4-7=-43/122, 4-6=-386/289

JOINT STRESS INDEX

2 = 0.29, 2 = 0.00, 3 = 0.56, 4 = 0.14, 5 = 0.15, 6 = 0.64, 7 = 0.10, 8 = 0.00 and 8 = 0.18

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

2) Provide adequate drainage to prevent water ponding.

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
				-	J1916277
L262253	T16	MONO HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:24 2007 Page 2

NOTES

- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 141 lb uplift at joint 2 and 134 lb uplift at joint 8.

LOAD CASE(S) Standard

Judice Lores Transport Control of Control



Job	Truss	Truss Typ	e		Qty	Ply	AAF	RON SIM	QUE / LOT	138 THE PRES	SERVES J1916278
L262253	T17G	GABLE			1	1	.	D-f	. /6:1		31310270
Builders FirstSource	e, Lake City, FI 32055		6.30	00 s Feb 1	5 2006	MiTek			e (optional) Fri Dec 07	14:12:25 2007	Page 1
-1-6-0	3-1-2					14-8	Ln				
1-6-0	3-1-2	+	2001 20 020			11-6-					
											Scale = 1 27 4
		4x6 =									
		5	7	8	9		10	11	12	13	14
ĺ	10 00 12 3x6 // 4	7									
	3x6 //										
					ř.						al I
2											
[4] / [Ľ	Ŭ			<u>.61, </u>		Ľ	Ľ	
1 / 4	25	24 23	23	<u> 21</u>	20		113	18	17		15
/	41										
-	*		1 120 120 1 2	14-8 14-8							
OADING (psf)	SPACING	2-0-0	CSI	DEFL			(loc)	l/defl	L/d	PLATES	GRIP
CLL 20.0 CDL 7.0	Plates Increase Lumber Increase	1.25 1.25	TC 0.17 BC 0.03	Vert(L Vert(1	,	0.00 0.00	1 1	n/r n/r	120 90	MT20	244/19
CLL 10.0	* Rep Stress Incr	NO	WB 0.02	Horz(,	0.00	15	n/a	n/a		
CDL 5.0	Code FBC2004/T	PI2002	(Matrix)							Weight: 87 lb)
UMBER	/ 4 OVD N= 0			BRAC			04		-141-1	1:4 :-	
OP CHORD 2) OT CHORD 2)				TOP	CHORE					directly applie and verticals.	ea or
	(4 SYP No.3			BOT (CHORD) [Rigid c	eiling dire		ed or 10-0-0 od	3
THERS 2 X	(4 SYP No.3					t	bracing	J.			
EACTIONS (lb/			8-0, 16=97/14-8								
	19=99/14-8-0 25=124/14-8-		8-0, 21=98/14-8 8-0	3-0, 22=1	02/14-8	3-0, 23	3=79/1	4-8-0,			
	x Horz 2=179(load ca	ase 6)									
Ma	x Uplift 2=-124(load o		-25(load case 4 -61(load case 4								
			-61(load case 4								
Ma	23=-55(load o x Grav 2=217(load ca		-67(load case 6					Mood			
ivia			1), 19=99(load								
	21=98(load ca case 2), 24=1		02(load case 1), 23=79(load ca	ase 1),	25=12	24(load			
	•	•	,								
٠,	aximum Compressior -2=0/52, 2-3=-68/14,			=-2/1. 6-7	'=-2/2.	7-8=-2	2/2. 8-9)=-2/2.			
9	-10=-2/2, 10-11=-2/2,	11-12=-2/2	, 12-13=-2/2, 13	3-14=-2/2	2, 14-15	5=-33/2	27				
OT CHORD 2	-25=-3/3, 24-25=-3/3,	23-24=-2/2	, 22-23=-2/2, 2	1-22=-2/2	2, 20-21	=-2/2,	, 19-20	=-2/2,	alteres form	rane	e water steam

Continued on page 2

WEBS

December 12,2007



18-19=-2/2, 17-18=-2/2, 16-17=-2/2, 15-16=-2/2

13-16=-85/69, 12-17=-86/70, 11-18=-85/69, 10-19=-85/69, 9-20=-85/69,

8-21=-85/69, 7-22=-89/71, 6-23=-66/64, 4-25=-99/94, 5-24=-24/28

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916278
L262253	T17G	GABLE	1	1	
				l	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:26 2007 Page 2

JOINT STRESS INDEX

2 = 0.51, 3 = 0.00, 3 = 0.16, 3 = 0.16, 4 = 0.06, 5 = 0.03, 6 = 0.04, 7 = 0.04, 8 = 0.04, 9 = 0.04, 10 = 0.04, 11 = 0.04, 11 = 0.04, 12 = 0.04, 13 = 0.04, 14 = 0.03, 15 = 0.02, 16 = 0.04, 17 = 0.04, 18 = 0.04, 19 = 0.04, 20 = 0.04, 21 = 0.04, 22 = 0.04, 23 = 0.04, 24 = 0.02 and 25 = 0.05

NOTES

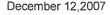
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 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) All plates are 2x4 MT20 unless otherwise indicated.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 124 lb uplift at joint 2, 25 lb uplift at joint 15, 59 lb uplift at joint 16, 63 lb uplift at joint 17, 61 lb uplift at joint 18, 61 lb uplift at joint 19, 61 lb uplift at joint 20, 61 lb uplift at joint 21, 63 lb uplift at joint 22, 55 lb uplift at joint 23, 67 lb uplift at joint 25 and 40 lb uplift at joint 24.
- 10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

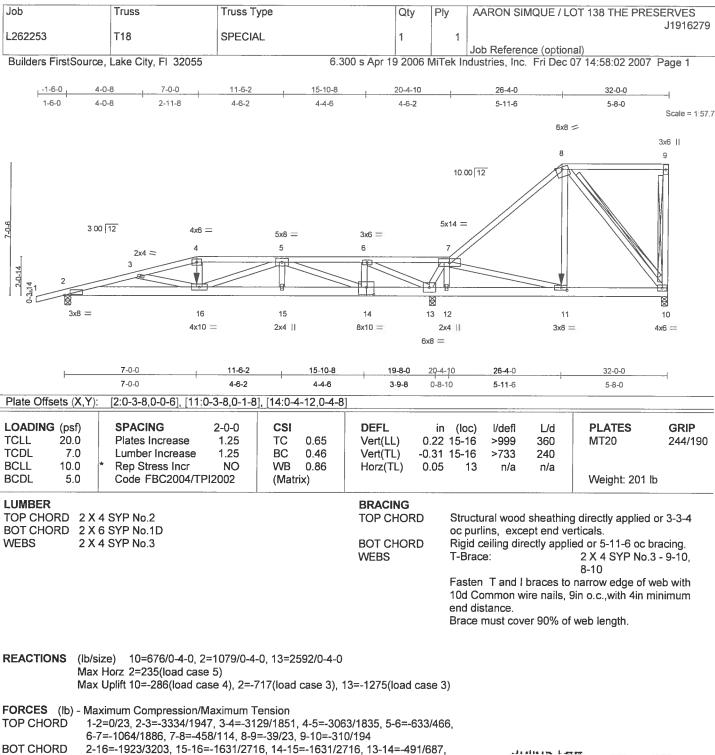
Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)

Vert: 1-5=-64(F=-10), 5-14=-64(F=-10), 2-15=-10

Justinures Lawren
Tirkyhing Elektrocyan (Elektrocyangen Tirkyhing Elektrocyan (Elektrocyangen Tirkyhinda (Elektrocyangen) Tirkyhinda (Elektrocyangen)







12-13=-1356/913, 11-12=-1336/899, 10-11=-136/277

6-14=-428/723, 7-12=-234/170, 7-11=-1008/1672, 8-11=0/255, 8-10=-374/186,

6-13=-2865/1738, 7-13=-995/363

Parkar Chair 3-16=-176/117, 4-16=-221/354, 5-16=-228/372, 5-15=-80/187, 5-14=-2226/1252,

JOINT STRESS INDEX

WEBS

2 = 0.79, 3 = 0.34, 4 = 0.83, 5 = 0.53, 6 = 0.82, 7 = 0.73, 8 = 0.73, 9 = 0.48, 10 = 0.31, 11 = 0.65, 12 = 0.34, 13 = 0.49, 14 = 0.62, 15 = 0.49, 14 = 0.62, 15 = 0.49, 14 = 0.62, 15 = 0.49, 0.34 and 16 = 0.28

December 12,2007

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916279
L262253	T18	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 07 14:58:02 2007 Page 2

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 10, 717 lb uplift at joint 2 and 1275 lb uplift at joint 13.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf)

Vert: 1-4=-54, 4-7=-117(F=-63), 7-8=-54, 8-9=-117(F=-63), 2-16=-10, 12-16=-22(F=-12), 11-12=-10, 10-11=-22(F=-12)

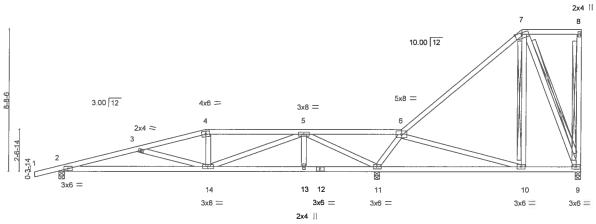
Concentrated Loads (lb)

Vert: 16=-411(F) 11=-411(F)

Judian Law Tribe Liegari Enganger Michale Mis Pis Sie State Michale Mis Pisco Downski Loach Engantes Downski Loach



Job	Truss	Truss Type	!	Qty	Ply	AARON SIMQUE / L	OT 138 THE	PRESERVES J1916280
L262253	T19	SPECIAL		1	1			31310200
						Job Reference (option	ial)	
Builders FirstSourc	e, Lake City, Fl	32055		6.300 s Feb 15 2006	MiTek I	ndustries, Inc. Fri Dec	07 14:12:27	2007 Page 1
-1-6-0	5-0-8	9-0-0	14-11-14	20-11-13		28-4-0	32-0-0	
1-6-0	5-0-8	3-11-8	5-11-14	5-11-14	'	7-4-3	3-8-0	
						4x	10 =	Scale = 1.66.
							2x4	1 H
						-	,	



14-11-14

	9-0-0			5-11-14		4-6-2		8-10-0			3-8-0	
LOADIN TCLL TCDL BCLL	IG (psf) 20.0 7.0 10.0	SPACING Plates Increase Lumber Increase * Rep Stress Incr	2-0-0 1.25 1.25 YES	CSI TC BC WB	0.57 0.38 0.61	DEFL Vert(LL) Vert(TL) Horz(TL)	in -0.14 -0.28 0.03		l/defl >999 >822 n/a	L/d 360 240 n/a	PLATES MT20	GRIP 244/190
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 182 lb	

19-6-0

LUMBER
TOP CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD

BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3

BOT CHORD

Structural wood sheathing directly applied or 5-1-12 oc purlins, except end verticals.

Rigid ceiling directly applied or 6-0-0 oc bracing.

WEBS

T-Brace:

2 X 4 SYP No.3 - 8-9, 7-10. 7-9

32-0-0

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 9=238/0-4-0, 2=612/0-4-0, 11=1268/0-4-0

9-0-0

Max Horz 2=287(load case 6)

Max Uplift 9=-99(load case 5), 2=-283(load case 4), 11=-310(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/18, 2-3=-1423/660, 3-4=-1017/415, 4-5=-961/422, 5-6=-642/810, 6-7=-240/14

, 7-8=-3/3, 8-9=-37/70

BOT CHORD 2-14=-979/1345, 13-14=-290/342, 12-13=-290/342, 11-12=-290/342,

10-11=-416/232, 9-10=-78/83

3-14=-394/292, 4-14=-51/131, 5-14=-428/664, 5-13=0/91, 5-11=-1290/745,

6-11=-716/364, 6-10=-267/523, 7-10=-76/126, 7-9=-217/207

JOINT STRESS INDEX

WEBS

2 = 0.64, 3 = 0.33, 4 = 0.66, 5 = 0.60, 6 = 0.78, 7 = 0.87, 8 = 0.33, 9 = 0.48, 10 = 0.34, 11 = 0.40, 12 = 0.15, 13 = 0.33 and 14 = 0.60

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916280
L262253	T19	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:28 2007 Page 2

NOTES

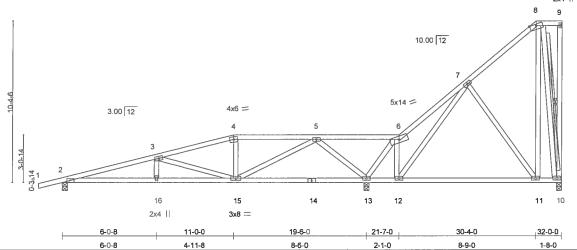
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 99 lb uplift at joint 9, 283 lb uplift at joint 2 and 310 lb uplift at joint 11.

LOAD CASE(S) Standard

Julius Lees Trues Congruer throat Free Constant Per 14 3-48500 1 176 Constant Page Wilson throat Free Property Constant Page 14 55-455



Job	Tru	SS	Truss Type		Qty	Ply	AARON SI	MQUE / LOT	138 THE PR	ESERVES J1916281
L262253	T20)	SPECIAL		1	1	Job Referen	ce (optional))	3131020
Builders FirstS	ource, Lak	e City, FI 320	55	6.300 s F	eb 15 2006	MiTek I	ndustries, Inc	. Fri Dec 07	14:12:29 20	07 Page 1
	₁ -1-6-0	6-0-8	11-0-0	16-3-8	21-7-0) ,	25-11-8	30-4-0	32-0-0	
	1-6-0	6-0-8	4-11-8	5-3-8	5-3-8	,	4-4-8	4-4-8	1-8-0	
									4x10 =	Scale = 1.69
									2x4	
									8 9	



LOADING	(psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL :	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.11 1	11-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.41	Vert(TL)	-0.20	11-12	>758	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.65	Horz(TL)	0.02	13	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 204 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.2

BRACING

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or 5-1-6 oc purlins, except end verticals.

Rigid ceiling directly applied or 6-0-0 oc bracing.

bracing

WEBS

1 Row at midpt

T-Brace:

2 X 4 SYP No.3 -

8-10

9-10

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 10=238/0-4-0, 2=612/0-4-0, 13=1269/0-4-0

Max Horz 2=341(load case 6)

Max Uplift 10=-146(load case 6), 2=-282(load case 4), 13=-279(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/18, 2-3=-1389/608, 3-4=-753/301, 4-5=-694/309, 5-6=-545/702, 6-7=-471/461

, 7-8=-129/23, 8-9=-1/1, 9-10=-30/23

BOT CHORD 2-16=-1000/1305, 15-16=-1000/1305, 14-15=-245/45, 13-14=-245/45,

12-13=-273/183, 11-12=-106/77, 10-11=-34/41

WEBS 3-16=0/149, 3-15=-634/383, 4-15=-96/137, 5-15=-434/738, 5-13=-988/624,

6-13=-712/211, 6-12=-280/553, 7-12=-609/381, 7-11=-104/125, 8-11=-27/247,

8-10=-272/221

Juditara (James Projes 12 og geografik Emigrapholik (Eldrichick Polit Pelic in Amerika 1 iliku minusetari Programi enteri Lichentisch (James No. 1 og interioris)

December 12,2007

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916281
L262253	T20	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:29 2007 Page 2

JOINT STRESS INDEX

2 = 0.45, 3 = 0.37, 4 = 0.55, 5 = 0.41, 6 = 0.71, 7 = 0.43, 8 = 0.86, 9 = 0.33, 10 = 0.35, 11 = 0.40, 12 = 0.40, 13 = 0.40, 14 = 0.39, 15 = 0.67 and 16 = 0.33

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 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) All plates are 3x6 MT20 unless otherwise indicated.
- 6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 146 lb uplift at joint 10, 282 lb uplift at joint 2 and 279 lb uplift at joint 13.

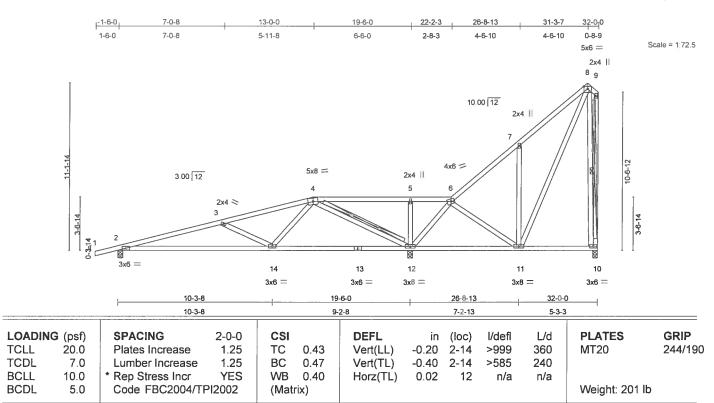
LOAD CASE(S) Standard

Judistra Larm Tempisa Elemente i Incarrieron Elementa Pia I-la at-Incar Elemente Inachent 1304/31641 Lamente Incar (Niver)



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916282
L262253	T21	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:30 2007 Page 1



LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3 BRACING

TOP CHORD

Structural wood sheathing directly applied or 5-6-13 oc purlins, except end verticals.

BOT CHORD

Rigid ceiling directly applied or 6-0-0 oc

bracing.

WEBS

1 Row at midpt

T-Brace:

2 X 4 SYP No.3 -

4-12, 8-10

9-10

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=565/0-4-0, 12=1388/0-4-0, 10=165/0-4-0

Max Horz 2=355(load case 6)

Max Uplift 2=-266(load case 4), 12=-343(load case 4), 10=-128(load case 6)

Max Grav 2=565(load case 10), 12=1388(load case 1), 10=165(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/18, 2-3=-1120/451, 3-4=-628/236, 4-5=-653/799, 5-6=-653/800, 6-7=-249/60,

7-8=-112/45, 8-9=-51/57, 9-10=-82/73

2-14=-859/1044, 13-14=-370/283, 12-13=-370/283, 11-12=-416/221, 10-11=-15/13

3-14=-531/426, 4-14=-169/511, 4-12=-1211/801, 5-12=-293/190, 6-12=-603/195,

6-11=-334/536, 7-11=-269/322, 8-11=-92/198, 8-10=-204/263

JOINT STRESS INDEX

BOT CHORD

WEBS

2 = 0.66, 3 = 0.33, 4 = 0.57, 5 = 0.33, 6 = 0.65, 7 = 0.33, 8 = 0.62, 9 = 0.33, 10 = 0.34, 11 = 0.62, 12 = 0.57, 13 = 0.32 and 14 = 0.62

= 0.37 Continued on page 2 December 12,2007

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
	T0.4				J1916282
L262253	T21	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:30 2007 Page 2

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 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) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 266 lb uplift at joint 2, 343 lb uplift at joint 12 and 128 lb uplift at joint 10.

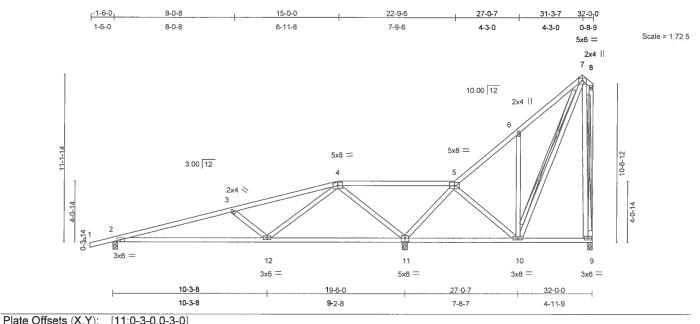
LOAD CASE(S) Standard

Justinum Lawren Tenghay (Linggeragen (Emagrepagen Pitarikalah Pita Pulau (B-1880) B 1 NOSA (Larrenski Bitari (Bitari UCOV) Took USAMEN, Pulau Pulau



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916283
L262253	T22	SPECIAL	1	1	
		L	l		Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:31 2007 Page 1



- 1 1010 01	113613 (7, 1	<i>).</i> [11.0-5-0,0-5-0]									T .	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.21	2-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.46	Vert(TL)	-0.42	2-12	>559	240		
BCLL	10.0	* Rep Stress incr	YES	WB	0.72	Horz(TL)	-0.02	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 197 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD

5-10-1 oc purlins.
BOT CHORD Rigid ceiling direct

Rigid ceiling directly applied or 6-0-0 oc

bracing.

WEBS T-Brace:

2 X 4 SYP No.3 -

7-10, 7-9

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. with 4in

Structural wood sheathing directly applied or

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=542/0-4-0, 11=1450/0-4-0, 9=128/0-4-0

Max Horz 2=355(load case 6)

Max Uplift 2=-256(load case 4), 11=-380(load case 4), 9=-110(load case 6) Max Grav 2=542(load case 10), 11=1450(load case 1), 9=150(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/18, 2-3=-950/365, 3-4=-555/218, 4-5=-704/905, 5-6=-235/55, 6-7=-115/81,

7-8=-66/83

2-12=-738/874, 11-12=-167/0, 10-11=-340/179, 9-10=-15/12

WEBS 3-12=-495/408, 4-12=-330/692, 4-11=-1120/762, 5-11=-859/361, 5-10=-279/448,

6-10=-190/264, 7-10=-60/217, 8-9=-102/108, 7-9=-208/252

JOINT STRESS INDEX

2 = 0.58, 3 = 0.33, 4 = 0.81, 5 = 0.69, 6 = 0.33, 7 = 0.64, 8 = 0.33, 9 = 0.34, 10 = 0.63, 11 = 0.51 and 12 = 0.40

Continued on page 2

BOT CHORD



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T22	SPECIAL	1	1	J1916283
		0. 200.2	<u> </u>	_ '	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:31 2007 Page 2

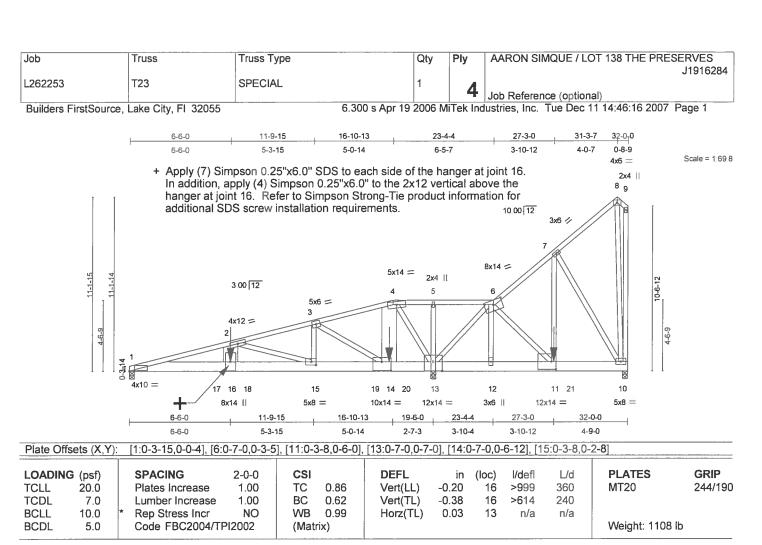
NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 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) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 256 lb uplift at joint 2, 380 lb uplift at joint 11 and 110 lb uplift at joint 9.

LOAD CASE(S) Standard

Judium Lower Engineer Trues Design Engineer Flore Commission of Pierr 1806 Commission Regulated Ucyllon Ucach, the 20-905





LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except*

4-6 2 X 4 SYP No.1D

BOT CHORD 2 X 8 SYP 2400F 2.0E *Except*

10-13 2 X 8 SYP No.1D

WEBS 2 X 4 SYP No.3 *Except*

2-16 2 X 12 SYP No.2, 4-14 2 X 12 SYP No.2

5-13 2 X 4 SYP No.1D

BRACING TOP CHORD

Structural wood sheathing directly applied or

5-10-15 oc purlins.

BOT CHORD Rigid o

Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 1=6073/0-4-0, 13=27179/0-8-0 (input: 0-4-0), 10=408/0-4-0

Max Horz 1=333(load case 5)

Max Uplift 1=-2210(load case 3), 13=-9819(load case 3), 10=-570(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-18488/6715, 2-3=-3047/1111, 3-4=-1853/5168, 4-5=-4812/13299, 5-6=-4813/13300,

6-7=-241/296, 7-8=-83/56, 8-9=-36/59

BOT CHORD 1-17=-6631/17953, 16-17=-6631/17953, 16-18=-6631/17953, 15-18=-6631/17953,

15-19=-1131/2949, 14-19=-1131/2949, 14-20=-5622/2022, 13-20=-5622/2022,

12-13=-5318/2022, 11-12=-5407/2054, 11-21=-312/156, 10-21=-312/156 2-16=-2691/7544, 2-15=-15584/5714, 3-15=-2223/6207, 3-14=-9206/3389,

6-12=-1117/2534, 6-11=-2943/8052, 7-11=-660/312, 9-10=-59/75, 8-10=-190/138,

7-10=-302/606, 4-14=-3961/10893, 5-13=-518/225, 4-13=-14340/5252, 6-13=-11619/4093

JOINT STRESS INDEX

WEBS

1 = 0.79, 2 = 0.71, 3 = 0.78, 4 = 0.91, 5 = 0.34, 6 = 0.68, 7 = 0.45, 8 = 0.31, 9 = 0.34, 10 = 0.29, 11 = 0.32, 12 = 0.26, 13 = 0.88, 14 = 0.41, 15 = 0.82 and 16 = 0.86

December 12,2007

Continued on page 2

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors
Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the
responsibility of building designer and/or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection
and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center,
6300 Enterprise Lane, Madson, Wt 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, Wt 53719



isim Lame 1938 (1984) (1984) (1986) 1936 (1984) (1985) (1986) 1936 (1984) (1984) (1984) (1984)

Job	Truss	Truss Type	Qty Ply	у	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916284
L262253	T23	SPECIAL	1	Λ	
				**	Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 14:46:16 2007 Page 2

NOTES

- 1) Distribute loads equally between all plies. Additional screws (+) are required to distribute the load equally among all plies.
- 2) 4-ply truss to be connected together with 10d (0.131"x3") nails as follows:

Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

Bottom chords connected as follows: 2 X 8 - 4 rows at 0-4-0 oc.

Webs connected as follows: 2 X 12 - 6 rows at 0-4-0 oc, Except member 4-14 2 X 12 - 5 rows at 0-4-0 oc, 2 X 4 - 1 row at 0-9-0 oc,

Except member 7-11 2 X 4 - 1 row at 0-4-0 oc.

Attach 2x6 and larger chords with 1/2 inch diameter thru bolts (ASTM a-307) with washers at 2-0-0 on center staggered 1-0-0. Refer to drawing CNBOLTSP1103 for additional bolt spacing information.

NOTE: Do not drill bolt holes through connector plates.

- 3) 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.
- 4) Unbalanced roof live loads have been considered for this design.
- 5) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- 7) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 8) WARNING: Required bearing size at joint(s) 13 greater than input bearing size. Bearing enhancement to be specified and designed by the Engineer/Architect of Record.
- 9) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 10) Bearing at joint(s) 13 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2210 lb uplift at joint 1, 9819 lb uplift at joint 13 and 570 lb uplift at joint 10.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-4=-54, 4-6=-54, 6-8=-54, 8-9=-54, 1-17=-350(F=-340), 17-18=-10, 18-19=-105(F=-95), 19-20=-10, 11-20=-968(F=-958), 11-21=-10, 10-21=-105(F=-95)

Concentrated Loads (lb)

Vert: 16=-8009(F) 14=-8009(F) 11=-3531(F)

Julius Lesson Tradepor Tubs Tesson Tradepor Fibrida Pir Na. 34860 1 1993 Clesson Pay Hori Uoyaton Uosch, F. 19415





6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 07 15:01:13 2007 Page 1



Scale = 1:40.2

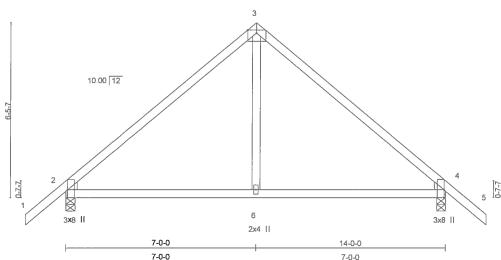


Plate Of	fsets (X,Y):	[2:0-3-8,Edge], [4:0	-3-8,Edge]									
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	0.06	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.08	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 64 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 2 X 4 SYP No.3 WEBS

WEDGE

Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing.

re real Common State of Legalitations of State of Parties (F-1)

REACTIONS (lb/size) 2=527/0-4-0, 4=527/0-4-0 bearing or Simpson HTU26

Max Horz 2=-168(load case 4)

Max Uplift 2=-160(load case 6), 4=-160(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-496/214, 3-4=-496/214, 4-5=0/45

BOT CHORD 2-6=-22/286, 4-6=-22/286

WEBS 3-6=0/242

JOINT STRESS INDEX

2 = 0.54, 2 = 0.00, 3 = 0.85, 4 = 0.54, 4 = 0.00 and 6 = 0.18

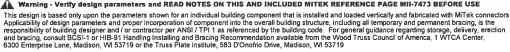
1) Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

December 12,2007

Continued on page 2

🛕 Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1.000050	TO 4	CONTROL			J1916285
L262253	T24	COMMON	2	1	
					Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 07 15:01:13 2007 Page 2

NOTES

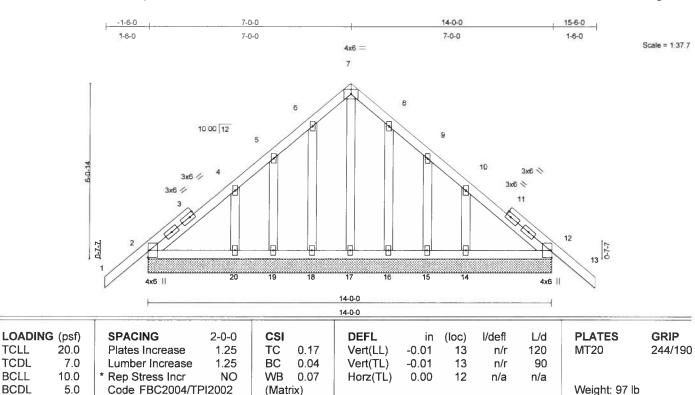
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 160 lb uplift at joint 2 and 160 lb uplift at joint

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916286
L262253	T24G	GABLE	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:34 2007 Page 1



LUMBER

TCLL

TCDL

BCLL

BCDL

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2 **OTHERS** 2 X 4 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.

REACTIONS (lb/size) 2=229/14-0-0, 12=229/14-0-0, 17=80/14-0-0, 18=102/14-0-0, 19=75/14-0-0,

20=168/14-0-0, 16=102/14-0-0, 15=75/14-0-0, 14=168/14-0-0

Max Horz 2=-204(load case 4)

Max Uplift 2=-96(load case 6), 12=-120(load case 7), 18=-73(load case 6), 19=-90(load case 6), 20=-124(load case 6), 16=-67(load case 7),

15=-91(load case 7), 14=-126(load case 7)

Max Grav 2=229(load case 1), 12=229(load case 1), 17=124(load case 7),

18=104(load case 10), 19=75(load case 10), 20=168(load case 1), 16=104(load case 11), 15=75(load case 11), 14=168(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-156/115, 3-4=-150/124, 4-5=-83/103, 5-6=-45/121, 6-7=-42/153,

7-8=-42/153, 8-9=-41/105, 9-10=-52/42, 10-11=-85/58, 11-12=-91/50, 12-13=0/52

BOT CHORD 2-20=-24/184, 19-20=-24/184, 18-19=-24/184, 17-18=-24/184, 16-17=-24/184,

15-16=-24/184, 14-15=-24/184, 12-14=-24/184

WEBS 7-17=-117/0, 6-18=-89/82, 5-19=-69/94, 4-20=-140/142, 8-16=-89/76, 9-15=-69/95,

10-14=-140/143

JOINT STRESS INDEX

2 = 0.50, 3 = 0.00, 3 = 0.17, 3 = 0.17, 4 = 0.08, 5 = 0.05, 6 = 0.05, 7 = 0.08, 8 = 0.05, 9 = 0.05, 10 = 0.08, 11 = 0.00, 11 = 0.17, 11 = 0.17, 12 = 0.50, 14 = 0.08, 15 = 0.05, 16 = 0.05, 17 = 0.03, 18 = 0.05, 19 = 0.05 and 20 = 0.08

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916286
L262253	T24G	GABLE	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:34 2007 Page 2

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 2x4 MT20 unless otherwise indicated.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 2, 120 lb uplift at joint 12, 73 lb uplift at joint 18, 90 lb uplift at joint 19, 124 lb uplift at joint 20, 67 lb uplift at joint 16, 91 lb uplift at joint 15 and 126 lb uplift at joint 14.
- 10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf)

Vert: 1-7=-64(F=-10), 7-13=-64(F=-10), 2-12=-10

Ultrafinate Lawren Franzos Alternocem (Emegarjanen Pilorikalan Prim Pula III-IKEGER 1 BOGG Emenamatal Prasy Primeri 1 BOGG Tamanatal Prasy Primeri III



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916287
L262253	T25	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 12:50:48 2007 Page 1



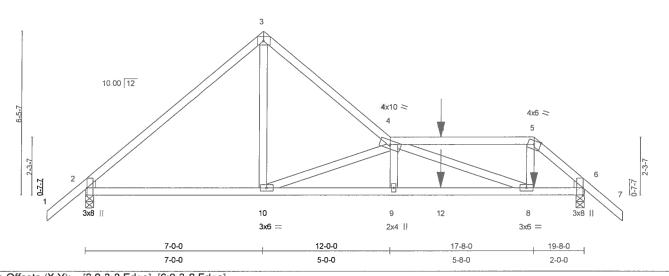


Plate Of	tsets (X, Y): [2:0-3-8,Edge], [6:0	1-3-8,Eage									
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.41	Vert(LL)	-0.11	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.21	8-9	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.76	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2004/T	PI2002	(Mat	rix)	, ,					Weight: 102 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 2 X 4 SYP No.3 **WEBS**

WEDGE

Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-6-4 oc purlins.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=780/0-4-0, 6=894/0-4-0

Max Horz 2=-168(load case 3)

Max Uplift 2=-206(load case 5), 6=-275(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-861/205, 3-4=-793/192, 4-11=-826/203, 5-11=-826/203, 5-6=-1129/248,

BOT CHORD 2-10=-97/554, 9-10=-352/1901, 9-12=-352/1914, 8-12=-352/1914, 6-8=-176/786

WEBS 3-10=-126/608, 4-10=-1448/424, 4-9=-13/233, 4-8=-1155/277, 5-8=-82/541

JOINT STRESS INDEX

2 = 0.59, 2 = 0.00, 3 = 0.47, 4 = 0.74, 5 = 0.52, 6 = 0.61, 6 = 0.00, 8 = 0.35, 9 = 0.34 and 10 = 0.41

NOTES

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.

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.

December 12,2007

E) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916287
L262253	T25	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 12:50:48 2007 Page 2

NOTES

- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 206 lb uplift at joint 2 and 275 lb uplift at joint 6
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf) Vert: 1-3=-54, 3-4=-54, 4-5=-54, 5-7=-54, 2-6=-10 Concentrated Loads (lb)

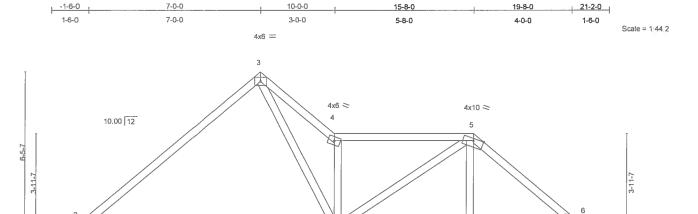
Vert: 8=-11(F) 11=-53(F) 12=-193(F)

Julium Leer Trues tieseen Chempor Tourist Mis Tie Steck Trought Mach, to 19435



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
	100				J1916288
L262253	T26	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:36 2007 Page 1



9 3x8 = 2x4 || 10-0-0 15-8-0 19-8-0 10-0-0 5-8-0 4-0-0 Dista Officiale (V.V). 10.0 2 0 Ede-1 10.0 2 0 Ede-1

Plate Of	tsets (X, Y): [2:0-3-8,Edge], [6:	0-3-8, Ea g	e _j							1	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	-0.22	2-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.42	2-9	>550	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.36	Horz(TL)	0.02	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 101 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3

WEDGE

Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or 5-3-13 oc purlins.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=709/0-4-0, 6=709/0-4-0

Max Horz 2=168(load case 5)

Max Uplift 2=-186(load case 6), 6=-219(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-729/332, 3-4=-1143/633, 4-5=-832/440, 5-6=-794/351, 6-7=0/45

BOT CHORD 2-9=-100/459, 8-9=-105/538, 6-8=-107/537

WEBS 3-9=-444/892, 4-9=-881/506, 5-9=-135/353, 5-8=0/95

JOINT STRESS INDEX

2 = 0.78, 2 = 0.00, 3 = 0.64, 4 = 0.50, 5 = 0.82, 6 = 0.58, 6 = 0.00, 8 = 0.33 and 9 = 0.97

NOTES

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

3) Provide adequate drainage to prevent water ponding.

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T26	SPECIAL	4		J1916288
L202255	120	SPECIAL		'	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:36 2007 Page 2

NOTES

- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 186 lb uplift at joint 2 and 219 lb uplift at joint 6.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916289
L262253	T27	HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:37 2007 Page 1

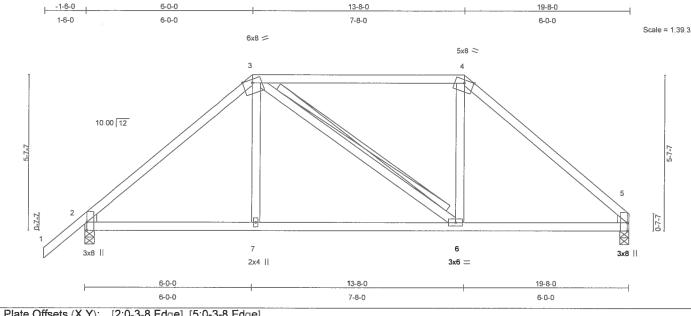


Plate Of	isets (X, Y): [2:0-3-8,Eage], [5:	0-3-8, Eag	e								
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	-0.05	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	-0.09	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 96 lb	

LUMBER	
TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2
WEBS	2 X 4 SYP No.3

WEDGE

Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING

TOP CHORD

BOT CHORD

WEBS

Structural wood sheathing directly applied or

6-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc bracing.

T-Brace:

2 X 4 SYP No.3 - 3-6

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=713/0-4-0, 5=615/0-4-0

Max Horz 2=165(load case 5)

Max Uplift 2=-181(load case 6), 5=-114(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-785/352, 3-4=-527/380, 4-5=-794/364

BOT CHORD 2-7=-190/515, 6-7=-189/517, 5-6=-149/525

WEBS 3-7=0/217, 3-6=-113/106, 4-6=-4/218

JOINT STRESS INDEX

2 = 0.58, 2 = 0.00, 3 = 0.77, 4 = 0.80, 5 = 0.58, 5 = 0.00, 6 = 0.34 and 7 = 0.33

1) Unbalanced roof live loads have been considered for this design.

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T27	HIP	1	1	J1916289
	12.		'	'	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:37 2007 Page 2

NOTES

- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 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) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 181 lb uplift at joint 2 and 114 lb uplift at joint 5.

LOAD CASE(S) Standard

Julia Lem Teles Leman Indeper Firida Pt. No. netter 1 100 Cement Bay Mod Geynlon Wesch. Ft. 19415



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916290
L262253	T28	HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:37 2007 Page 1

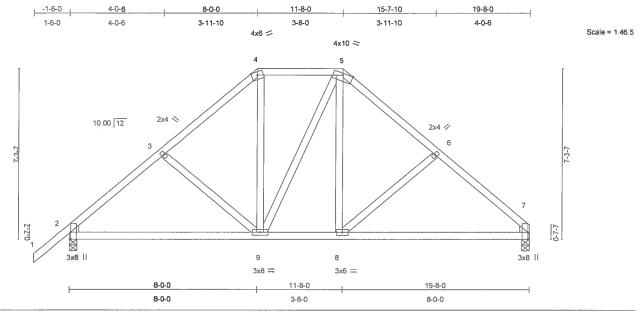


Plate Offsets (X,Y): [2:0-3-8,Edge], [7:0-3-8,Edge]

LOADIN	IG (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)	-0.09	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.17	7-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.11	Horz(TL)	0.02	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	гіх)						Weight: 117 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3

WEDGE

Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or

6-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=713/0-4-0, 7=615/0-4-0

Max Horz 2=212(load case 5)

Max Uplift 2=-190(load case 6), 7=-115(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-777/366, 3-4=-619/362, 4-5=-423/344, 5-6=-625/371, 6-7=-771/378

BOT CHORD $2-9=-198/519,\ 8-9=-68/425,\ 7-8=-195/532$

WEBS 3-9=-134/179, 4-9=-82/202, 5-9=-102/107, 5-8=-105/207, 6-8=-148/199

JOINT STRESS INDEX

2 = 0.69, 2 = 0.00, 3 = 0.33, 4 = 0.33, 5 = 0.84, 6 = 0.33, 7 = 0.65, 7 = 0.00, 8 = 0.34 and 9 = 0.61

NOTES

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp 🚭 B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

3) Provide adequate drainage to prevent water ponding.

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916290
L262253	T28	HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:38 2007 Page 2

NOTES

- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 190 lb uplift at joint 2 and 115 lb uplift at joint 7.

LOAD CASE(S) Standard

Justinum Lawren
Tractings (Lieugeanan Tractanjanan
Tractings (Lieugeanan Tractanian)
Tractanian
Tractanian
Tractanian
Tractanian

