Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T29	COMMON	3	1	J1916291
				'	Job Reference (optional)

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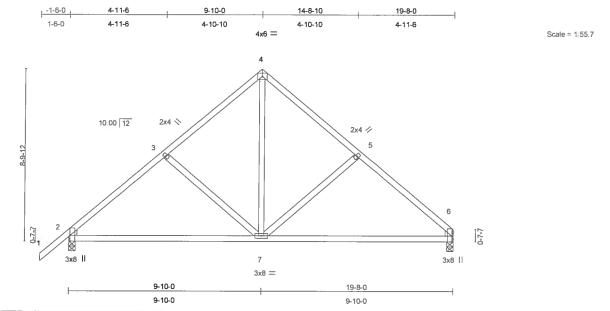


Plate Offsets (X,Y): [2:0-3-8,Edge], [6:0-3-8,Edge] LOADING (psf) **SPACING** 2-0-0 CSI **DEFL** (loc) I/defl L/d **PLATES GRIP TCLL** 20.0 Plates Increase TC 0.25 1.25 Vert(LL) -0.14>999 360 6-7 MT20 244/190 **TCDL** 7.0 Lumber Increase 1.25 BC 0.44 >885 Vert(TL) -0.266-7 240 **BCLL** 10.0 Rep Stress Incr YES WB 0.32 Horz(TL) 0.02 6 n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 103 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

6-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=713/0-4-0, 6=615/0-4-0

Max Horz 2=254(load case 5)

Max Uplift 2=-195(load case 6), 6=-120(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-769/354, 3-4=-573/349, 4-5=-574/351, 5-6=-755/358

BOT CHORD 2-7=-167/509, 6-7=-166/518

WEBS 3-7=-198/228, 4-7=-254/410, 5-7=-209/245

JOINT STRESS INDEX

2 = 0.77, 2 = 0.00, 3 = 0.33, 4 = 0.39, 5 = 0.33, 6 = 0.77, 6 = 0.00 and 7 = 0.56

NOTES

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

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

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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
L262253	T29	COMMON	3	1	J1916291
					Job Reference (optional)

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NOTES

- 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 195 lb uplift at joint 2 and 120 lb uplift at joint 6.

LOAD CASE(S) Standard

Julium Lumm Truss Element Engineer Florida Mit No. 3-1888 1168 Communi Pay Flyd Ucymon Ucach, FL 22-425



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
				ŀ	J1916292
L262253	T30	MONO HIP	1	1	
					Job Reference (optional)

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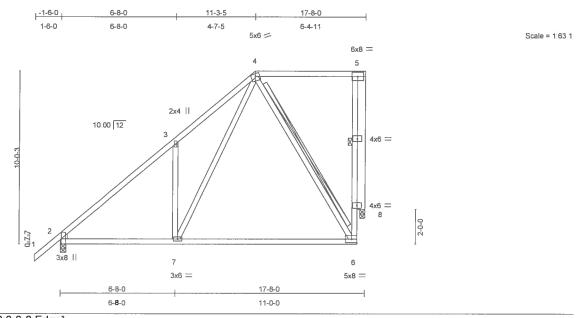


Plate Of	fisets (X,Y): [2:0-3-8,Edge]									Y	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.72	Vert(LL)	-0.23	6-7	>895	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.39	6-7	>517	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.78	Horz(TL)	-0.06	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 133 lb	

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

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

OTHERS 2 X 6 SYP No.1D WEDGE

Left: 2 X 4 SYP No.3

LUMBER

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 5-6

T-Brace:

2 X 4 SYP No.3 - 4-6

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=635/0-4-0, 8=544/0-3-8

Max Horz 2=361(load case 6)

Max Uplift 2=-123(load case 6), 8=-180(load case 5)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-660/91, 3-4=-613/373, 4-5=-26/5, 6-8=-269/375, 5-8=-169/116

BOT CHORD 2-7=-350/404, 6-7=-184/215

WEBS 3-7=-285/391, 4-7=-387/440, 4-6=-378/349

JOINT STRESS INDEX

NT STRESS INDEX 2 = 0.58, 2 = 0.00, 3 = 0.33, 4 = 0.45, 5 = 0.25, 6 = 0.65, 7 = 0.45, 8 = 0.00, 8 = 0.22 and $8 = 0.22 \frac{1}{4}$

December 12,2007

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T30	MONO HIP	1	1	J1916292
LZOZZSS	130	WONG FIIF	'	'	Job Reference (optional)

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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) 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 123 lb uplift at joint 2 and 180 lb uplift at joint 8.

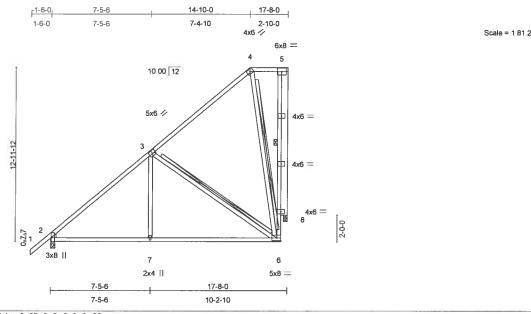
LOAD CASE(S) Standard

Julium Lum Trues Clesson Endinger Florida Ma ric. a-Mass 1100 Communi May Hivi Uoviion Uosei, 11 20415



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916293
L262253	T31	MONO HIP	4	1	
					Job Reference (optional)

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sets (X,Y	'): [2:0-3-8,Edge], [3:	0-3-0,0-3-	-0]		· · · · · · · · · · · · · · · · · · ·						
G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
20.ó	Plates Increase	1.25	TC	0.36	Vert(LL)	-0.16	6-7	>999	360	MT20	244/190
7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.28	6-7	>735	240		
10.0	* Rep Stress Incr	YES	WB	0.30	Horz(TL)	-0.05	8	n/a	n/a		
5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 150 lb	
	G (psf) 20.0 7.0 10.0	G (psf) 20.0 7.0 10.0 * Rep Stress Incr	G (psf) SPACING 2-0-0 20.0 Plates Increase 1.25 7.0 Lumber Increase 1.25 10.0 * Rep Stress Incr YES	G (psf) SPACING 2-0-0 CSI 20.0 Plates Increase 1.25 TC 7.0 Lumber Increase 1.25 BC 10.0 * Rep Stress Incr YES WB	G (psf) SPACING 2-0-0 CSI 20.0 Plates Increase 1.25 TC 0.36 7.0 Lumber Increase 1.25 BC 0.49 10.0 * Rep Stress Incr YES WB 0.30	G (psf) SPACING 2-0-0 CSI DEFL 20.0 Plates Increase 1.25 TC 0.36 Vert(LL) 7.0 Lumber Increase 1.25 BC 0.49 Vert(TL) 10.0 * Rep Stress Incr YES WB 0.30 Horz(TL)	G (psf) SPACING 2-0-0 CSI DEFL in 20.0 Plates Increase 1.25 TC 0.36 Vert(LL) -0.16 7.0 Lumber Increase 1.25 BC 0.49 Vert(TL) -0.28 10.0 * Rep Stress Incr YES WB 0.30 Horz(TL) -0.05	G (psf) SPACING 2-0-0 CSI DEFL in (loc) 20.0 Plates Increase 1.25 TC 0.36 Vert(LL) -0.16 6-7 7.0 Lumber Increase 1.25 BC 0.49 Vert(TL) -0.28 6-7 10.0 * Rep Stress Incr YES WB 0.30 Horz(TL) -0.05 8	G (psf) SPACING 2-0-0 CSI DEFL in (loc) I/defl 20.0 Plates Increase 1.25 TC 0.36 Vert(LL) -0.16 6-7 >999 7.0 Lumber Increase 1.25 BC 0.49 Vert(TL) -0.28 6-7 >735 10.0 * Rep Stress Incr YES WB 0.30 Horz(TL) -0.05 8 n/a	G (psf) SPACING 2-0-0 CSI DEFL in (loc) I/defl L/d 20.0 Plates Increase 1.25 TC 0.36 Vert(LL) -0.16 6-7 >999 360 7.0 Lumber Increase 1.25 BC 0.49 Vert(TL) -0.28 6-7 >735 240 10.0 * Rep Stress Incr YES WB 0.30 Horz(TL) -0.05 8 n/a n/a	G (psf) SPACING 2-0-0 CSI DEFL in (loc) I/defl L/d PLATES 20.0 Plates Increase 1.25 TC 0.36 Vert(LL) -0.16 6-7 >999 360 MT20 7.0 Lumber Increase 1.25 BC 0.49 Vert(TL) -0.28 6-7 >735 240 10.0 * Rep Stress Incr YES WB 0.30 Horz(TL) -0.05 8 n/a n/a

LUMBER		BRACING	
TOP CHORD	2 X 4 SYP No.2	TOP CHORD	Structural wood sheathing directly applied or
BOT CHORD	2 X 4 SYP No.2		6-0-0 oc purlins, except end verticals, and
WEBS	2 X 4 SYP No.2 *Except*		2-0-0 oc purlins (6-0-0 max.): 4-5.
	3-7 2 X 4 SYP No.3, 3-6 2 X 4 SYP No.3	BOT CHORD	Rigid ceiling directly applied or 9-9-13 oc
OTHERS	2 X 6 SYP No.1D		bracing.
WEDGE		WEBS	1 Row at midpt 5-6

Left: 2 X 4 SYP No.3

4-6 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.

T-Brace:

JOINTS 1 Brace at Jt(s): 5

REACTIONS (lb/size) 2=635/0-4-0, 8=544/0-3-8

Max Horz 2=456(load case 6)

Max Uplift 2=-70(load case 6), 8=-274(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-648/0, 3-4=-205/49, 4-5=-14/0, 6-8=-530/564, 5-8=-71/54

BOT CHORD 2-7=-373/394, 6-7=-373/393

WEBS 3-7=0/292, 3-6=-411/387, 4-6=-294/348

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

JOINT STRESS INDEX

2 = 0.59, 2 = 0.00, 3 = 0.52, 4 = 0.73, 5 = 0.14, 6 = 0.53, 7 = 0.33, 8 = 0.00, 8 = 0.22, 8 = 0.22 and 8 = 0.22

Continued on page 2





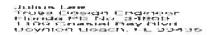
Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1 262252	T21	MONOLUD			J1916293
L262253	131	MONO HIP	4	1	Job Reference (optional)

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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) 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 70 lb uplift at joint 2 and 274 lb uplift at joint 8.

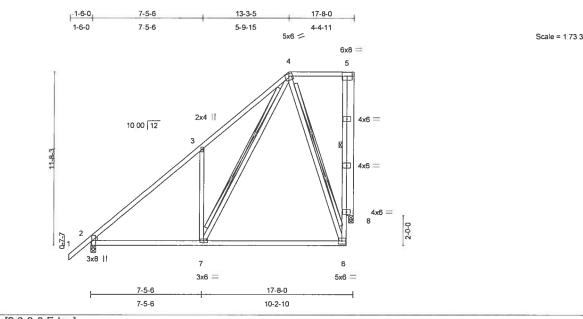
LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T31A	MONO HIP	1	1	J1916294
					Job Reference (optional)

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LOADIN	IG (nsf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.58	Vert(LL)	-0.16	6-7	>999	360	MT20	244/190
		riales increase	1.25	10	0.56	Vert(LL)	-0.10	0-7	>999	300	IVIIZU	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.28	6-7	>719	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.41	Horz(TL)	-0.05	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)	, ,					Weight: 145 lb	

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

. 12/ 2/1

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

4-7 2 X 4 SYP No.2

OTHERS 2 X 6 SYP No.1D

WEDGE

Left: 2 X 4 SYP No.3

BRACING

WEBS

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

BOT CHORD

bracing. 1 Row at midpt

5-6

T-Brace:

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

4-7

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

Structural wood sheathing directly applied or

Rigid ceiling directly applied or 9-11-9 oc

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=635/0-4-0, 8=544/0-3-8

Max Horz 2=414(load case 6)

Max Uplift 2=-97(load case 6), 8=-230(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-645/19, 3-4=-620/359, 4-5=-16/0, 6-8=-374/450, 5-8=-94/67

BOT CHORD 2-7=-356/388, 6-7=-132/143

WEBS 3-7=-363/472, 4-6=-428/425, 4-7=-491/536

JOINT STRESS INDEX

2 = 0.64, 2 = 0.00, 3 = 0.33, 4 = 0.36, 5 = 0.14, 6 = 0.66, 7 = 0.45, 8 = 0.00, 8 = 0.22, 8 = 0.22 and 5 = 0.22

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916294
L262253	T31A	MONO HIP	1	1	
				İ	Job Reference (optional)

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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) 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 97 lb uplift at joint 2 and 230 lb uplift at joint 8.

LOAD CASE(S) Standard

Judia es Lores Telema Compagno (Induena de Filoso Chromedon Ping Piloso 1 1990 Chromedon Ping Piloso 1 1990 Chromedon Ping Piloso



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916295
L262253	T32	MONO HIP	1	1	
		1			Job Reference (optional)

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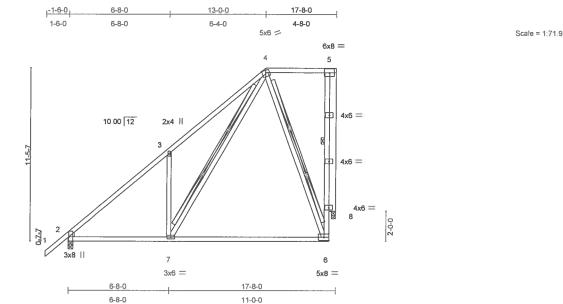


Plate Of	ffsets (X,)	/): [2:0-3-8,Edge]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defi	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.71	Vert(LL)	-0.23	6-7	>886	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.40	6-7	>505	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.39	Horz(TL)	-0.07	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 143 lb	

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

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

4-7 2 X 4 SYP No.2

OTHERS 2 X 6 SYP No.1D

WEDGE

Left: 2 X 4 SYP No.3

BRACING

BOT CHORD

WEBS

TOP CHORD Structural wood sheathing directly applied or

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

Rigid ceiling directly applied or 9-11-12 oc

bracing.

1 Row at midpt

5-6

T-Brace: 2 X 4 SYP No.3 - 4-6,

4-7

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) 2=635/0-4-0, 8=544/0-3-8

Max Horz 2=407(load case 6)

Max Uplift 2=-101(load case 6), 8=-222(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-664/35, 3-4=-653/365, 4-5=-20/0, 6-8=-375/452, 5-8=-92/74

BOT CHORD 2-7=-376/412, 6-7=-144/156

WEBS 3-7=-341/452, 4-6=-428/432, 4-7=-469/518

JOINT STRESS INDEX

2 = 0.58, 2 = 0.00, 3 = 0.33, 4 = 0.49, 5 = 0.14, 6 = 0.63, 7 = 0.43, 8 = 0.00, 8 = 0.22, 8 = 0.22 and 8 = 0.22

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1 202252	T22	MONGLUD			J1916295
L262253	132	MONO HIP	1	1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:41 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) 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 101 lb uplift at joint 2 and 222 lb uplift at joint 8.

LOAD CASE(S) Standard

Judius Lares Transa Elescación Escaratea Electro Caramental Para Histori Laresta Caramental Para Histori Laresta Colonia



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916296
L262253	T33	MONO HIP	1	1	Inter Defense on Continue IV
				-	Job Reference (optional)

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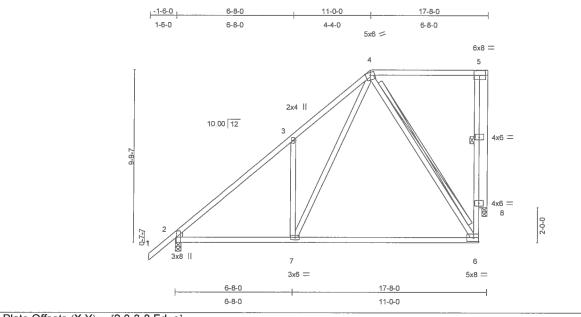


Plate Of	πsets (X, Y): [2:0-3-8,Edge]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.72	Vert(LL)	-0.23	`6-7	>897	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.39	6-7	>519	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.71	Horz(TL)	-0.06	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	` '					Weight: 131 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

VVEDGE

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 1 Row at midpt

5-6

T-Brace:

2 X 4 SYP No.3 - 4-6

Scale = 1:61.7

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) 2=635/0-4-0, 8=544/0-3-8

Max Horz 2=353(load case 6)

Max Uplift 2=-126(load case 6), 8=-179(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-660/100, 3-4=-606/374, 4-5=-27/7, 6-8=-255/365, 5-8=-179/124

BOT CHORD 2-7=-346/403, 6-7=-190/226

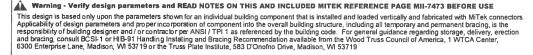
WEBS 3-7=-276/381, 4-7=-374/427, 4-6=-374/340

JOINT STRESS INDEX

2 = 0.58, 2 = 0.00, 3 = 0.33, 4 = 0.44, 5 = 0.28, 6 = 0.65, 7 = 0.46, 8 = 0.00, 8 = 0.22 and 8 = 0.22 for the first below the control of the

December 12,2007

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916296
L262253	T33	MONO HIP	1	1	
					Job Reference (optional)

6,300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:42 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) 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 126 lb uplift at joint 2 and 179 lb uplift at joint 8.

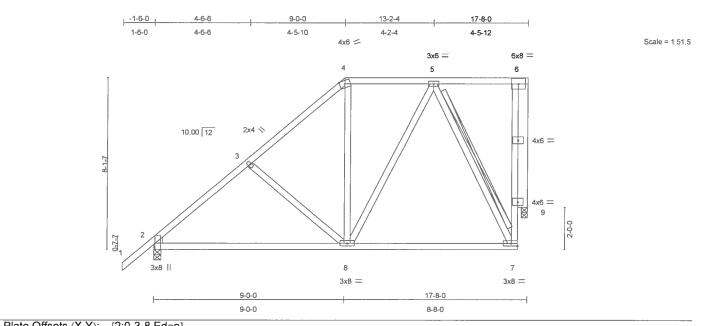
LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916297
L262253	T34	MONO HIP	1	1	
					Job Reference (optional)

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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	0.36	Vert(LL)	-0.11	2-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.34	Vert(TL)	-0.20	2-8	>998	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.22	Horz(TL)	-0.02	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Mat	rix)	, ,					Weight: 130 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**

OTHERS 2 X 6 SYP No.1D

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

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=635/0-4-0, 9=544/0-3-8

Max Horz 2=300(load case 6)

Max Uplift 2=-144(load case 6), 9=-171(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/45, 2-3=-659/198, 3-4=-478/190, 4-5=-305/218, 5-6=-14/4, 7-9=-268/435,

6-9=-109/79

BOT CHORD 2-8=-388/432, 7-8=-145/209

WEBS 3-8=-167/220, 4-8=0/135, 5-8=-159/210, 5-7=-446/320

JOINT STRESS INDEX

NT STRESS INDEX
2 = 0.72, 2 = 0.00, 3 = 0.33, 4 = 0.42, 5 = 0.45, 6 = 0.14, 7 = 0.59, 8 = 0.60, 9 = 0.00, 9 = 0.22 and 9 = 0.02 and 9 =

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Continued on page 2





	Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1	L262253	T2.4	MONGLUD			J1916297
1	L202233	T34	MONO HIP	1	1	Joh Reference (entinnel)
11						Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:43 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) 9 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 144 lb uplift at joint 2 and 171 lb uplift at joint 9.

LOAD CASE(S) Standard

Judiane Lemma
Transport Company
Transport



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T35	MONO HIP	1	1	J1916298
	100		'		Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 10 11:45:23 2007 Page 1

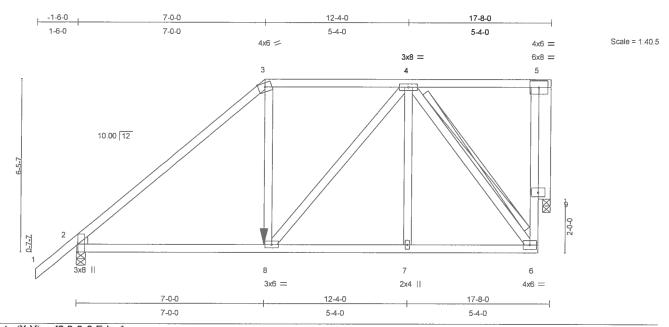


Plate Of	fisets (X,Y):	[2:0-3-8,Edge]										
LOADIN	IG (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0		Plates Increase	1.25	TC	0.63	Vert(LL)	0.08	`7-Ŕ	>999	360	MT20	244/190
TCDL	7.0		Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.10	2-8	>999	240		
BCLL	10.0	*	Rep Stress Incr	NO	WB	0.42	Horz(TL)	0.01	9	n/a	n/a		
BCDL	5.0		Code FBC2004/TF	PI2002	(Matı	rix)	, ,					Weight: 117 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 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 5-0-15 oc purlins, except end verticals.

Rigid ceiling directly applied or 8-3-10 oc bracing. T-Brace: 2 X 4 SYP No.3 - 4-6

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=1101/0-4-0, 9=1256/0-3-8

Max Horz 2=247(load case 5)

Max Uplift 2=-516(load case 5), 9=-721(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/45, 2-3=-1356/658, 3-4=-933/553, 4-5=-33/18, 6-9=-616/1077, 5-9=-178/105 TOP CHORD

BOT CHORD 2-8=-547/923, 7-8=-434/747, 6-7=-434/747

WEBS 3-8=-327/422, 4-8=-235/288, 4-7=-209/367, 4-6=-1173/683

JOINT STRESS INDEX

2 = 0.72, 2 = 0.00, 3 = 0.72, 4 = 0.60, 5 = 0.24, 6 = 0.79, 7 = 0.34, 8 = 0.39, 9 = 0.00 and 9 = 0.52

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

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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 doe. 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	T35	MONO HIP	1	1	J1916298
L202255	155	WONO THE	'	1	Job Reference (optional)

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NOTES

- 5) Bearing at joint(s) 9 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 516 lb uplift at joint 2 and 721 lb uplift at joint 9.
- 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, 3-5=-72(F=-18), 2-8=-10, 6-8=-69(F=-59) Concentrated Loads (lb) Vert: 8=-411(F)

Lind to the Lawrence (Control to Control to



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916299
L262253	T36	HIP	1	1	
					Job Reference (optional)

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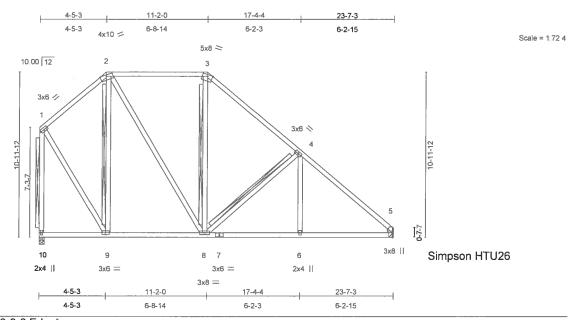


Plate Of	tsets (X,Y): [5:0-3-8,Edge]									· · · · · · · · · · · · · · · · · · ·	
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	0.06	`5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.08	5-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 170 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 *Except*

2-8 2 X 4 SYP No.2

WEDGE

Right: 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or

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

2-0-0 oc purlins (6-0-0 max.): 2-3.

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

bracing, Except:

6-0-0 oc bracing: 9-10.

WEBS T-Brace: 2 X 4 SYP No.3 - 2-9,

3-8, 4-8, 1-10

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=746/0-4-0, 5=746/Mechanical

Max Horz 10=-287(load case 4)

Max Uplift 10=-157(load case 7), 5=-125(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-403/262, 2-3=-424/384, 3-4=-659/377, 4-5=-980/383, 1-10=-726/409 **BOT CHORD** 9-10=-111/300, 8-9=-116/263, 7-8=-162/655, 6-7=-162/655, 5-6=-162/655

WEBS 2-9=-361/224, 2-8=-202/331, 3-8=-23/152, 4-8=-306/321, 4-6=0/203, 1-9=-219/494

JOINT STRESS INDEX

1 = 0.58, 2 = 0.82, 3 = 0.63, 4 = 0.43, 5 = 0.59, 5 = 0.00, 6 = 0.33, 7 = 0.22, 8 = 0.58, 9 = 0.43 and 10 = 0.33

Continued on page 2



Job	Truss	Truss Type	Qty F	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916299
L262253	T36	HIP	1	1	
				į	Job Reference (optional)

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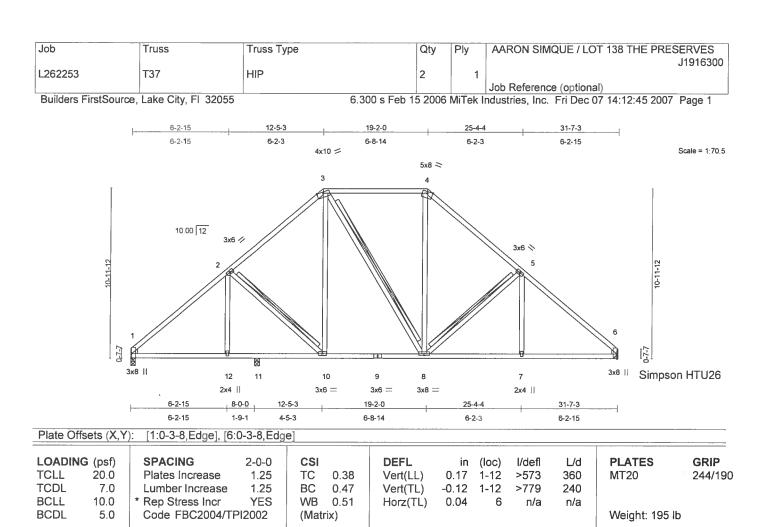
NOTES

- 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 157 lb uplift at joint 10 and 125 lb uplift at joint 5.

LOAD CASE(S) Standard

Julius Laur Trups Classian Endinger Elbrids Fill File distrib Line Camardas May Filed Ucyslon Ucach, FL 19415





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

2 X 4 SYP No.3 *Except*

3-8 2 X 4 SYP No.2

WEDGE

WEBS

Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING

BOT CHORD

WEBS

TOP CHORD

Structural wood sheathing directly applied or 5-2-12 oc purlins, except

2-0-0 oc purlins (6-0-0 max.): 3-4.

Rigid ceiling directly applied or 7-10-7 oc

bracing.

T-Brace:

2 X 4 SYP No.3 -2-10. 3-8. 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) 1=901/0-3-8, 6=967/Mechanical, 11=135/0-4-0

Max Horz 1=-296(load case 4)

Max Uplift 1=-357(load case 6), 6=-214(load case 7), 11=-7(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-1194/879, 2-3=-960/714, 3-4=-683/623, 4-5=-993/686, 5-6=-1310/689 **BOT CHORD**

1-12=-538/816, 11-12=-538/816, 10-11=-538/816, 9-10=-256/656, 8-9=-256/656, 7-8=-389/900, 6-7=-389/900

2-12=-200/93, 2-10=-230/480, 3-10=-251/228, 3-8=-113/184, 4-8=-196/290,

5-8=-294/308, 5-7=0/200

JOINT STRESS INDEX

NT STRESS INDEX
1 = 0.60, 1 = 0.00, 2 = 0.43, 3 = 0.88, 4 = 0.64, 5 = 0.43, 6 = 0.66, 6 = 0.00, 7 = 0.33, 8 = 0.58, 9 = 0.29, 10 = 0.35 and 12 =

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🛕 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 occ. 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



udistra Luerme Palassa (Indopedate Allerchieruse) Palassa PTIII Palas 15-1886 (Indopedate Alfaca Engenessa (Assay Afface) Crysticas (Indopedate Assa) Indopedate Crysticas (Indopedate Assa)

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1 202252	T27	LUD			J1916300
L262253	137	HIP	2	1	Job Reference (optional)

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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; porch 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.
- 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 357 lb uplift at joint 1, 214 lb uplift at joint 6 and 7 lb uplift at joint 11.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	C	ty Ply	/ A	ARON SI	MQUE / LC	T 138 THE PRE	
L262253	T38	ROOF TRUSS	2		4	. Defere		-1)	J1916301
Builders FirstS	ource, Lake City, FI 32	055	6.300 s Apr 19 20	006 MiTek	100	ries, Inc.	nce (optiona Tue Dec 1	1 15:31:31 2007	Page 1
	3-0-0 7-4	-0 , 12-5-3 ,	19-2-0	23-8-0		27-7-4	24 7 2		
	3-0-0 4-4		6-8-14	4-6-0	+	3-11-4	31-7-3	—	Scale = 1.71.
	10.00 12 4x6 // 2 5x8 // 17 3x6	3x6 = 5 3x8 2x4 3 121 15 8x10 =	15-9-0	3x6 = 7 7 11 14 14 1720H =	13 10x14	= 3:	4x6 / 4x6 / 4x6 / 4x6	Simpson F	
			by the Archi	tect/Engi	neer of	Record.	Cilicu		
	3-0-0 7-4 3-0-0 4-4		23-8-0 15-8-0	<u> </u>		27-7-4 3-11-4	31-7-3 3-11-15		
Plate Offsets (2		8:0-7-3,Edge], [11:0-3-1,0		5-0], [16:					
LOADING (psf TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING Plates Increase Lumber Increase Rep Stress Inc	6-0-0 CSI 2 1.00 TC 0 3	DEFL 0.84 Vert(LL) 0.98 Vert(TL) 0.98 Horz(TL)	in -0.49 -1.05	(loc) 13-15	I/defl >570 >263 n/a	L/d 360 240 n/a	PLATES MT20 MT20H Weight: 1148	GRIP 244/19 187/14
BOT CHORD	2 X 8 SYP 2400F 2.0E 5-6 2 X 8 SYP No.1D 2 X 8 SYP 2400F 2.0E 10-11 2 X 4 SYP No.3	•	BRACING TOP CHO BOT CHO JOINTS	ORD	(Switch Rigid c	ned from	ectly applie	x.) Spacing > 2-0-0). ed or 2-0-0 oc bra	acing.
WEBS	2 X 4 SYP No.3								
	Max Horz 1=859(load Max Uplift 1=-2391(loa	8, 11=8016/Mechanical, case 4) d case 3), 11=-1720(load l case 1), 11=8016(load c	case 3), 15=-599(lo						
FORCES (lb) TOP CHORD	- Maximum Compressi 1-2=-8988/3358, 2-3 6-20=-237/1245, 6-7 10-11=-11032/2586	on/Maximum Tension =-10913/2739, 3-4=-7652 =-1037/1449, 7-8=-6942/	2/2022, 4-5=-1003/18 1825, 8-9=-11997/22	550, 5-20 286, 9-10	=-237/1 =-1070	245, 1/2619,			
BOT CHORD	1-17=-2240/7121, 17 14-15=-1153/7682, 1	-21=-2264/7058, 16-21=- 3-14=-1153/7682, 12-13=	=-1985/8936, 11-12=	-1985/90)86	ed i	sissiona I ame Silamana dilama	ene New Account of the Columns	errel errogic grov
WEBS	•	-75/1283, 3-16=-1432/518 18=-9074/1309, 18-19=-9 54/1579	,					Picing (Picing D Pic, 21-1886 Director (Picing) 14 19000 P. 18	

JOINT STRESS INDEX

1 = 0.61, 2 = 0.34, 3 = 0.42, 4 = 0.79, 5 = 0.33, 6 = 0.38, 7 = 0.67, 8 = 0.73, 9 = 0.34, 10 = 0.00, 10 = 0.40, 10 = 0.11, 11 = 0.64, 12 = 0.16, 13 = 0.34, 14 = 0.85, 16 = 0.30, 17 = 0.17, 18 = 0.34 and 19 = 0.29

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Continued on page 2





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916301
L262253	T38	ROOF TRUSS	2	1	
					Job Reference (optional)

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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 4 - 1 row at 0-9-0 oc, 2 X 8 - 2 rows at 0-9-0 oc.

Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, Except member 13-8 2 X 4 - 1 row at 0-7-0 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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 5) Provide adequate drainage to prevent water ponding.
- 6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) All plates are MT20 plates unless otherwise indicated.
- 8) Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-18, 18-19, 7-19; Wall dead load (5.0 psf) on member(s). 3-16, 8-13
- 9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 15-16, 13-15
- 10) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2391 lb uplift at joint 1, 1720 lb uplift at joint 11 and 599 lb uplift at joint 15.

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 Except:

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

Uniform Loads (plf)

Vert: 1-3=-162, 3-4=-192, 4-5=-162, 5-6=-162, 6-7=-162, 7-8=-192, 8-11=-162, 1-21=-298(F=-268), 16-21=-143(F=-113),

13-16=-443(F=-113), 11-13=-30, 4-7=-30

Drag: 3-16=-30, 8-13=-30

Concentrated Loads (lb)

Vert: 13=-1660(F) 20=-1260

2) IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-42, 3-4=-72, 4-5=-42, 5-6=-42, 6-7=-42, 7-8=-72, 8-11=-42, 1-21=-261(F=-171), 13-21=-203(F=-113), 12-13=-90,

11-12=-90, 4-7=-30

Drag: 3-16=-30, 8-13=-30

Concentrated Loads (lb)

Vert: 13=-623(F) 20=-473

9) Attic Floor: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 1-3=-42, 3-4=-72, 4-5=-42, 5-6=-42, 6-7=-42, 7-8=-72, 8-11=-42, 1-21=-201(F=-171),

16-21=-143(F=-113), 13-16=-443(F=-113), 11-13=-30, 4-7=-30

Drag: 3-16=-30, 8-13=-30

Concentrated Loads (lb)

Vert: 13=-623(F) 20=-473

10) 1st unbalanced Regular: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 1-3=-162, 3-4=-192, 4-5=-162, 5-6=-162, 6-7=-42, 7-8=-72, 8-11=-42, 1-21=-298(F=-268),

16-21=-143(F=-113), 13-16=-443(F=-113), 11-13=-30, 4-7=-30

Drag: 3-16=-30, 8-13=-30

Concentrated Loads (lb)

Vert: 13=-1660(F) 20=-1260

11) 2nd unbalanced Regular: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 1-3=-42, 3-4=-72, 4-5=-42, 5-6=-162, 6-7=-162, 7-8=-192, 8-11=-162, 1-21=-298(F=-268), 16-21=-143(F=-113),

13-16=-443(F=-113), 11-13=-30, 4-7=-30

Drag: 3-16=-30, 8-13=-30

Concentrated Loads (lb)

Vert: 13=-1660(F) 20=-1260



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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1.000050	T00				J1916302
L262253	T39	MONO TRUSS	4	1	(ab Deference (entire al)
	I		1	1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:47 2007 Page 1

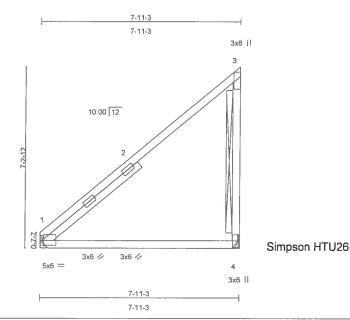


Plate Offsets (X,Y): [1:0-0-12,0-2-4], [3:0-5-0,Edge]

Simpson HTU26

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0	SPACING Plates Increase Lumber Increase * Rep Stress Incr	2-0-0 1.25 1.25 YES	CSI TC BC	0.76 0.32	Vert(LL)	in 0.10 -0.14 -0.00	(loc) 1-4 1-4	l/defl >908 >656	L/d 360 240	PLATES MT20	GRIP 244/190
BCLL 10.0 BCDL 5.0	* Rep Stress Incr Code FBC2004/TF	. – -	WB (Mati	0.00 rix)	Horz(TL)	-0.00	4	n/a	n/a	Weight: 45 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

SLIDER Left 2 X 4 SYP No.3 4-11-3

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 T-Brace:

2 X 4 SYP No.3 - 3-4

Scale = 1 43 4

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) 1=245/Mechanical, 4=245/Mechanical

Max Horz 1=217(load case 6) Max Uplift 4=-164(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-192/0, 2-3=-143/81, 3-4=-178/252

BOT CHORD 1-4=-51/43

JOINT STRESS INDEX

1 = 0.84, 1 = 0.04, 1 = 0.06, 2 = 0.00, 3 = 0.66 and 4 = 0.32

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.

Continued on page 2

fruge Costan Codynopr Florida ME No Silsob I took Costantial Rev Alvet Bownton Uosen, FL 39491

December 12,2007

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916302
L262253	T39	MONO TRUSS	4	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:47 2007 Page 2

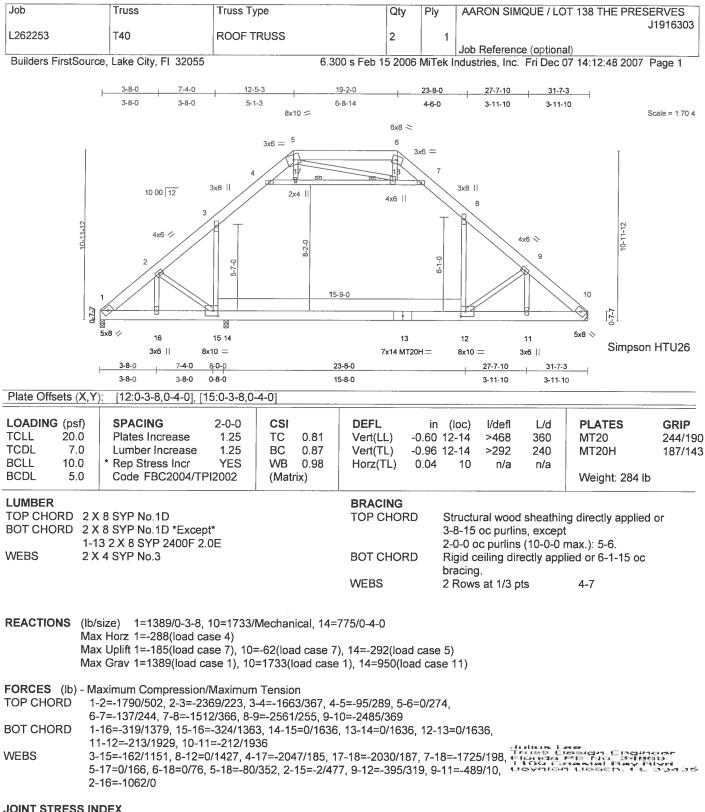
NOTES

- 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 164 lb uplift at joint 4.

LOAD CASE(S) Standard

Julium Lore Trues Lesson Engineer Florida File Pic. 3-1896 Florida Commission Florida Florida London Florida Leviton London Florida





JOINT STRESS INDEX

1 = 0.40, 2 = 0.34, 3 = 0.36, 4 = 0.70, 5 = 0.31, 6 = 0.17, 7 = 0.59, 8 = 0.45, 9 = 0.33, 10 = 0.56, 11 = 0.15, 12 = 0.29, 13 = 0.40, 2 = 0.40, 2 = 0.40, 3 = 0.40,0.53, 15 = 0.20, 16 = 0.19, 17 = 0.33 and 18 = 0.25

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T40	ROOF TRUSS	2	1	J1916303
2202200	140	11001 11000			Job Reference (optional)

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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; porch 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.
- 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 MT20 plates unless otherwise indicated.
- 6) Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-17, 17-18, 7-18; Wall dead load (5.0 psf) on member(s). 3-15, 8-12
- 7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 14-15, 12-14
- 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 185 lb uplift at joint 1, 62 lb uplift at joint 10 and 292 lb uplift at joint 14.

LOAD CASE(S) Standard

Julius Lies Teues Elector Engineer Florida Mir Ho. 3-1800 Florida Udech & Lubyic Uoviida Udech & Lubyic



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T41	ROOF TRUSS	3	1	J1916304
		1.001 1.000	3	'	Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Dec 12 09:05:49 2007 Page 1

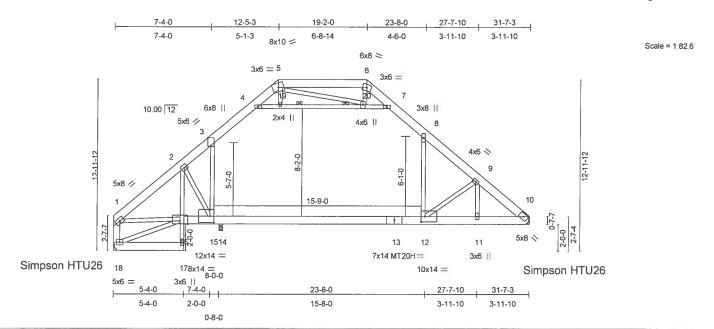


Plate Of	ffsets (X,Y)	: [3:0-7-3,Edge], [12:	0-3-8,0-5-0	0], [15:0-	3-8,0-6-0]							
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.79	Vert(LL)	-0.57	12-14	>489	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.91	Vert(TL)	-0.92	12-14	>304	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.98	Horz(TL)	0.02	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 308 lb)

LUMBER

TOP CHORD 2 X 8 SYP No.1D

BOT CHORD 2 X 8 SYP 2400F 2.0E *Except*

17-18 2 X 8 SYP No.1D, 2-17 2 X 4 SYP No.3

WEBS 2 X 4 SYP No.3 *Except*

1-18 2 X 6 SYP No.1D

BRACING TOP CHORD

Structural wood sheathing directly applied or 3-9-12

oc purlins, except end verticals, and 2-0-0 oc

purlins (10-0-0 max.): 5-6.

BOT CHORD

Rigid ceiling directly applied or 5-0-1 oc bracing. 4-7

WEBS 2 Rows at 1/3 pts

REACTIONS

(lb/size) 10=1732/Mechanical, 18=1392/Mechanical, 14=768/0-3-8

Max Horz 18=-288(load case 4)

Max Uplift 10=-65(load case 7), 18=-125(load case 7), 14=-259(load case 5) Max Grav 10=1732(load case 1), 18=1392(load case 1), 14=942(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-2004/300, 2-3=-2432/279, 3-4=-1658/369, 4-5=-111/285, 5-6=0/276, 6-7=-143/242,

7-8=-1517/370, 8-9=-2555/262, 9-10=-2482/374, 1-18=-1376/268

BOT CHORD 17-18=-0/77, 16-17=0/63, 2-16=-1159/72, 15-16=-134/1393, 14-15=0/1636, 13-14=0/1636,

12-13=0/1636, 11-12=-217/1926, 10-11=-216/1933

WEBS 3-15=-162/1317, 8-12=0/1410, 4-19=-2018/185, 19-20=-2001/187, 7-20=-1723/202,

5-19=0/164, 6-20=0/83, 5-20=-82/324, 2-15=-70/532, 9-11=-488/13, 9-12=-392/319,

1-16=-87/1334, 16-18=-284/274

JOINT STRESS INDEX

1 = 0.48, 2 = 0.33, 3 = 0.42, 4 = 0.71, 5 = 0.32, 6 = 0.18, 7 = 0.61, 8 = 0.45, 9 = 0.34, 10 = 0.58, 11 = 0.16, 12 = 0.26, 13 = 0.27, 15 = 0.27, 15 = 0.48, 0.31, 16 = 0.25, 17 = 0.18, 18 = 0.40, 19 = 0.34 and 20 = 0.26

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

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Continued on page 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 occe. 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	T44	DOOF TRUING			J1916304
L202253	T41	ROOF TRUSS	3	1	Joh Deference (entionel)
					Job Reference (optional)

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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 plates are MT20 plates unless otherwise indicated.
- 6) Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-19, 19-20, 7-20; Wall dead load (5.0 psf) on member(s).3-15, 8-12
- 7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 14-15, 12-14
- 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 65 lb uplift at joint 10, 125 lb uplift at joint 18 and 259 lb uplift at joint 14.

LOAD CASE(S) Standard

Julian Lere Trapes Crescon Crearment Stocked File District 1100 Censessi Fine Stock 1200001 Lensessi Fine Stock



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T42	ROOF TRUSS	1		J1916305
			<u> </u>	4	Job Reference (optional)

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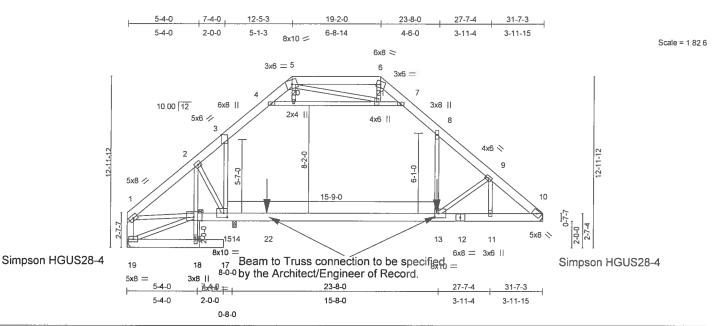


Plate Of	fsets (X,Y)	: [3:0-7-3,Edge], [13:	0-3-8,0-4-0)], [15:0-3	3-5,0-3-1	4], [16:0-7-7,0-	3-2]					
LOADIN TCLL	G (psf) 20.0	SPACING Plates Increase	2-0-0 1.00	CSI	0.47	DEFL Vert(LL)	in	(loc) 13-14	l/defl >971	L/d	PLATES	GRIP 244/190
TCDL	7.0	Lumber Increase	1.00	BC	0.47	Vert(TL)	-0.29		>5971	360 240	MT20	244/190
BCLL BCDL	10.0 5.0	* Rep Stress Incr Code FBC2004/Ti	NO PI2002	WB (Mati	0.45 rix)	Horz(TL)	0.02	10	n/a	n/a	Weight: 1258 lb	

TOP CHORD 2 X 8 SYP 2400F 2.0E BOT CHORD 2 X 8 SYP 2400F 2.0E *Except*

LUMBER

WEBS

WEBS

2-18 2 X 4 SYP No.2

2 X 4 SYP No.3 *Except*

BOT CHORD 1-19 2 X 6 SYP No.1D **JOINTS**

BRACING TOP CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc

purlins (10-0-0 max.): 5-6.

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

1 Brace at Jt(s): 16

REACTIONS (lb/size) 10=3525/Mechanical, 19=4549/Mechanical, 14=4393/0-3-8

Max Horz 19=-288(load case 3)

Max Uplift 10=-459(load case 6), 19=-471(load case 6), 14=-605(load case 4) Max Grav 10=3525(load case 1), 19=4549(load case 1), 14=4539(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-5381/573, 2-3=-4980/678, 3-4=-3093/465, 4-5=-58/791, 5-6=-66/1036, 6-7=-48/753,

7-8=-2758/417, 8-9=-5358/607, 9-10=-5246/723, 1-19=-3576/390

18-19=-34/282, 17-18=0/0, 16-18=-130/2347, 2-16=-442/1021, 15-16=-426/3845, **BOT CHORD**

14-15=-309/3378, 14-22=-309/3378, 13-22=-309/3378, 12-13=-516/4137, 11-12=-516/4137,

10-11=-514/4148

3-15=-440/3088, 8-13=-403/3875, 9-13=-1011/383, 9-11=-754/0, 2-15=-1255/255,

4-20=-4898/661, 20-21=-4865/661, 7-21=-4232/567, 5-20=-1/315, 6-21=0/80,

5-21=-130/692, 1-16=-324/3472, 16-19=-294/279

JOINT STRESS INDEX

1 = 0.39, 2 = 0.30, 3 = 0.31, 4 = 0.43, 5 = 0.32, 6 = 0.16, 7 = 0.37, 8 = 0.31, 9 = 0.34, 10 = 0.31, 11 = 0.16, 12 = 0.22, 13 = 0.23, 15 = 0.31, 11 = 0.16, 12 = 0.22, 13 = 0.23, 15 = 0.31, 11 = 0.16, 12 = 0.22, 13 = 0.23, 15 = 0.31, 15 = 0.0.18, 16 = 0.21, 18 = 0.29, 19 = 0.42, 20 = 0.34 and 21 = 0.26

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916305
L262253	T42	ROOF TRUSS	1	A	
				4	Job Reference (optional)

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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, 2 X 6 - 2 rows at 0-9-0 oc.

Bottom chords connected as follows: 2 X 8 - 3 rows at 0-4-0 oc, 2 X 4 - 1 row at 0-9-0 oc.

Webs connected as follows: 2 X 4 - 1 row at 0-9-0 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) Provide adequate drainage to prevent water ponding.

Uniform Loads (plf)

Concentrated Loads (lb)

Drag: 3-15=-10, 8-13=-10

Vert: 13=-1500(F) 22=-1300(F)

- 6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-20, 20-21, 7-21; Wall dead load (5.0 psf) on member(s).3-15, 8-13
- 8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 14-15, 13-14
- 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 459 lb uplift at joint 10, 471 lb uplift at joint 19 and 605 lb uplift at joint 14.

```
LOAD CASE(S) Standard Except:
1) Regular: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
           Vert: 1-3=-54, 3-4=-64, 4-5=-54, 5-6=-54, 6-7=-54, 7-8=-64, 8-10=-54, 18-19=-483(F=-473), 17-18=-483(F=-473),
           15-16=-483(F=-473), 14-15=-645(F=-473), 13-14=-172, 10-13=-10, 4-7=-10
           Drag: 3-15=-10, 8-13=-10
  Concentrated Loads (lb)
           Vert: 13=-1500(F) 22=-1300(F)
IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25
  Uniform Loads (plf)
           Vert: 1-3=-14, 3-4=-24, 4-5=-14, 5-6=-14, 6-7=-14, 7-8=-24, 8-10=-14, 18-19=-62(F=-32), 17-18=-62(F=-32), 15-16=-62(F=-32),
           14-15=-74(F=-32), 13-14=-42, 10-13=-30, 4-7=-10
          Drag: 3-15=-10, 8-13=-10
  Concentrated Loads (lb)
          Vert: 13=-563(F) 22=-488(F)
9) Attic Floor: Lumber Increase=1.00, Plate Increase=1.00
  Uniform Loads (plf)
          Vert: 1-3=-14, 3-4=-24, 4-5=-14, 5-6=-14, 6-7=-14, 7-8=-24, 8-10=-14, 18-19=-430(F=-420),
          17-18--430(F-420), 15-16-430(F-420), 14-15-592(F-420), 13-14--172, 10-13--10, 4-7--10
          Drag: 3-15=-10, 8-13=-10
  Concentrated Loads (lb)
          Vert: 13=-563(F) 22=-488(F)
10) 1st unbalanced Regular: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
           Vert: 1-3=-54, 3-4=-64, 4-5=-54, 5-6=-14, 6-7=-14, 7-8=-24, 8-10=-14, 18-19=-478(F=-468),
           17-18=-478(F=-468), 15-16=-478(F=-468), 14-15=-640(F=-468), 13-14=-172, 10-13=-10,
           4-7=-10
           Drag: 3-15=-10, 8-13=-10
   Concentrated Loads (lb)
           Vert: 13=-1500(F) 22=-1300(F)
11) 2nd unbalanced Regular: Lumber Increase=1.00, Plate Increase=1.00
```

Vert: 1-3=-14, 3-4=-24, 4-5=-14, 5-6=-54, 6-7=-54, 7-8=-64, 8-10=-54, 18-19=-478(F=-468), 17-18=-478(F=-468),

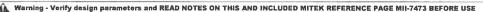
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15-16=-478(F=-468), 14-15=-640(F=-468), 13-14=-172, 10-13=-10, 4-7=-10

Julium Lem Truss Elector Codmoor Florida ME Nic office Throcessand May Albert Doynor Coden, TE School

December 12,2007



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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916306
L262253	T43	MONO TRUSS	1	1	
				1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:53 2007 Page 1

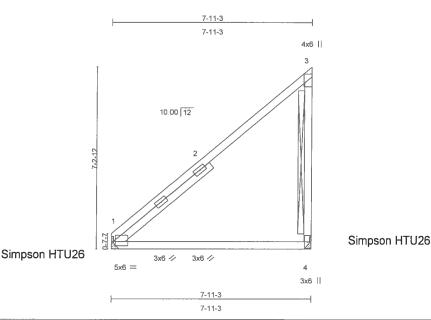


Plate Offsets (X,Y): [1:0-1-0,0-2-0], [3:0-4-2,Edge] LOADING (psf) 2-2-0 **SPACING** CSI **DEFL** I/defl L/d **PLATES GRIP** in (loc) 20.0 TC **TCLL** Plates Increase 1.25 0.85 Vert(LL) 0.12 1-4 >795 360 MT20 244/190 **TCDL** 7.0 Lumber Increase 1.25 BC 0.39 240 Vert(TL) -0.15 >594 1-4 **BCLL** 10.0 0.00 * Rep Stress Incr NO WB Horz(TL) -0.00 n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 45 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 SLIDER

Left 2 X 4 SYP No.3 4-11-3

BRACING TOP CHORD

2-0-0 oc purlins (6-0-0 max.), except end

verticals

(Switched from sheeted: Spacing > 2-0-0). **BOT CHORD** Rigid ceiling directly applied or 10-0-0 oc

bracing.

WEBS

T-Brace:

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

Scale = 1:43.3

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

minimum end distance.

Brace must cover 90% of web length.

JOINTS

1 Brace at Jt(s): 3

REACTIONS (lb/size) 1=265/Mechanical, 4=265/Mechanical

Max Horz 1=235(load case 6) Max Uplift 4=-178(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-211/0, 2-3=-152/85, 3-4=-192/271

BOT CHORD 1-4=-58/48

JOINT STRESS INDEX

1 = 0.84, 1 = 0.04, 1 = 0.06, 2 = 0.00, 3 = 0.62 and 4 = 0.36

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916306
L262253	T43	MONO TRUSS	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:53 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 178 lb uplift at joint 4.

LOAD CASE(S) Standard

didist Lam Tules Tree-on Engineer Florida Fit Do S-1800 1100 Camelal May Hivi LOVION BOOK, 12 22415





6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:53 2007 Page 1

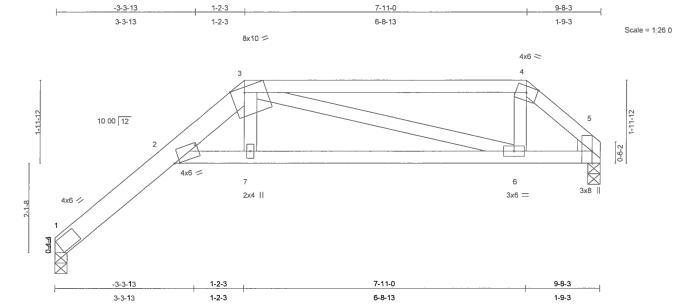


Plate Offsets (X,Y): [2:0-7-14,0-0-7], [2:0-1-9,0-0-5], [3:0-3-13,Edge], [5:0-3-8,Edge] LOADING (psf) **SPACING** 2-0-0 CSI **DEFL** L/d **PLATES GRIP** (loc) I/defl in **TCLL** 20.0 TC 0.55 Vert(LL) 2-7 >953 360 MT20 244/190 Plates increase 1.25 0.16 **TCDL** 7.0 Lumber Increase 1.25 BC 0.49 Vert(TL) -0.202-7 >752 240 * Rep Stress Incr **BCLL** 10.0 WB 0.35 YES Horz(TL) 0.17 5 n/a n/a **BCDL** Code FBC2004/TPI2002 5.0 (Matrix) Weight: 57 lb

LUMBER

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

1-3 2 X 6 SYP No.1D

BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3

WEDGE

Right: 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 8-3-12 oc

bracing.

REACTIONS (lb/size) 1=413/0-3-8, 5=407/0-3-8

Max Horz 1=102(load case 5)

Max Uplift 1=-97(load case 6), 5=-104(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-242/89, 2-3=-863/570, 3-4=-464/356, 4-5=-595/377

BOT CHORD 2-7=-581/870, 6-7=-584/884, 5-6=-277/451

WEBS 3-7=-32/255, 3-6=-452/314, 4-6=-17/235

JOINT STRESS INDEX

2 = 0.90, 2 = 0.00, 3 = 0.26, 4 = 0.67, 5 = 0.32, 5 = 0.00, 6 = 0.15 and 7 = 0.18

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.

രീ ന് Avide adeguate drainage to prevent water ponding.

Julium Lema Pripa Licason Enganose Clarida Pili Pid Inferi Clarida Pili Pid Indepen Loymon Lodon, Fil Isania Loymon Lodon, Fil Isania

December 12,2007

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
1,000050	T42A	LUD			J1916307
L262253	T43A	HIP	1	1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:54 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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 97 lb uplift at joint 1 and 104 lb uplift at joint 5.

LOAD CASE(S) Standard

Judinam Lawre
Teorgen Stendorch
February Edmonton



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916308
L262253	T44	COMMON	3	1	
					Job Reference (optional)

Builders FirstSource, Lake City, FI 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:54 2007 Page 1

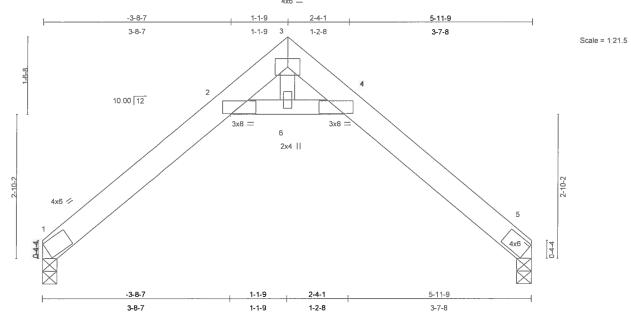


Plate Of	fsets (X,Y): [2:0-6-2,0-0-4], [2:	0-0-3,0-0-	5], [2:0-	0-4,0-0-4]					1	
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.15	6	>759	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.46	Vert(TL)	-0.29	6	>386	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.10	Horz(TL)	0.46	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	гіх)						Weight: 35 lb	

LUMBER

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

WEBS 2 X 4 SYP No.3

VLD3 2 X 4 3 1 F NO.5

BRACING

TOP CHORD

2-4-1 oc purlins.

BOT CHORD Rigid ceiling of

Rigid ceiling directly applied or 10-0-0 oc

Structural wood sheathing directly applied or

bracing.

REACTIONS (lb/size) 1=310/0-3-8, 5=310/0-3-8

Max Horz 1=109(load case 5)

Max Uplift 1=-54(load case 6), 5=-54(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-177/134, 2-3=-779/222, 3-4=-779/222, 4-5=-177/134

BOT CHORD 2-6=-101/869, 4-6=-101/869

WEBS 3-6=-77/323

JOINT STRESS INDEX

2 = 0.70, 2 = 0.00, 2 = 0.00, 3 = 0.47, 4 = 0.70 and 6 = 0.23

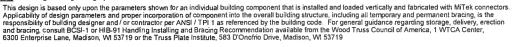
NOTES

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

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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	TAA	COMMON	2		J1916308
L202253	T44	COMMON	3	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:54 2007 Page 2

NOTES

- 5) 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.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 54 lb uplift at joint 1 and 54 lb uplift at joint 5.

LOAD CASE(S) Standard

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December 12,2007



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
					J1916309
L262253	T44G	COMMON	1	1	
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055

6.300 \$1Abf 和 2006 MiTek Industries, Inc. Mon Dec 10 11:43:30 2007 Page 1

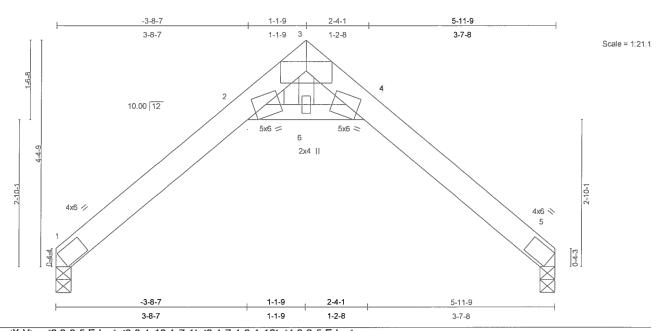


Plate Offsets (X,Y):	[2:0-2-5,Edge], [<u>3:0-1-12,1-7-1</u>	<u>], [3:1-7-1,0-1-12],</u>	[4:0-2-5,Edge]

LOADING (psf)		SPAC	ING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates	Increase	1.25	TC	0.74	Vert(LL)	0.23	6	>482	360	MT20	244/190
TCDL	7.0	Lumbe	er Increase	1.25	BC	0.69	Vert(TL)	-0.44	6	>257	240	MT20H	187/143
BCLL	10.0	* Rep S	tress Incr	NO	WB	0.15	Horz(TL)	0.68	5	n/a	n/a		
BCDL 5.0		Code FBC2004/TPI2002			(Mat	rix)						Weight: 35 lb	

LUMBER

TOP CHORD 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 Structural wood sheathing directly applied or 2-4-1

oc purlins.

BOT CHORD

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

REACTIONS (lb/size) 1=464/0-3-8, 5=464/0-3-8

Max Horz 1=-136(load case 4)

Max Uplift 1=-192(load case 6), 5=-192(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-266/157, 2-3=-1173/440, 3-4=-1173/440, 4-5=-266/157

BOT CHORD 2-6=-344/1306, 4-6=-344/1306

WEBS 3-6=-166/480

JOINT STRESS INDEX

2 = 0.86, 3 = 1.00, 3 = 0.00, 3 = 0.00, 4 = 0.85 and 6 = 0.35

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

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

December 12,2007

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	T44G	COMMON	1	1	J1916309
LEGEZGG	1440	COMMEN		'	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055

6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 10 11:43:30 2007 Page 2

NOTES

- 6) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 192 lb uplift at joint 1 and 192 lb uplift at joint 5
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
- 9) Truss designed for wind loads in plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail".

LOAD CASE(S) Standard

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

Vert: 1-2=-100(F=-33), 2-3=-87(F=-33), 3-4=-87(F=-33), 4-5=-100(F=-33), 2-4=-10

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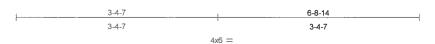
December 12,2007



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
			1.0		J1916255A
L262253	PB1_ALT	PIGGYBACK	10	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055

6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 15:02:44 2007 Page 1



Scale = 1.18.2

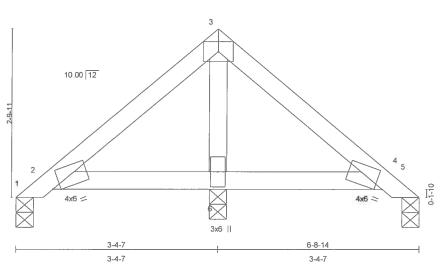


Plate Of	fsets (X,Y)	: [2:0-1-9,Edge], [4:0	-1-9,Edge]	1								
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defi	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.08	Vert(LL)	-0.00	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.01	4-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mati	rix)	, ,					Weight: 24 lb	

	11	R/I	D		0
_	u	IWI	О	ᆮ	т.

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.

BOT CHORD

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

REACTIONS (lb/size) 1=42/0-3-8, 6=330/0-3-8, 5=42/0-3-8

Max Horz 1=-75(load case 4)

Max Uplift 1=-9(load case 7), 6=-81(load case 6), 5=-22(load case 4) Max Grav 1=61(load case 10), 6=330(load case 1), 5=61(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-67/69, 2-3=-49/128, 3-4=-49/128, 4-5=-34/17

BOT CHORD 2-6=-55/103, 4-6=-55/103

WEBS 3-6=-265/182

JOINT STRESS INDEX

2 = 0.16, 3 = 0.17, 4 = 0.16 and 6 = 0.06

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.
- *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) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building Coffinite on house verify capacity of bearing surface.

December 12,2007

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES
L262253	PB1 ALT	PIGGYBACK	10	1	J1916255A
LEGEZOO	1 512/21	TIOGTBAOK		'	Job Reference (optional)
Builders FirstSo	urce, Lake City, FI 3205	5	6.300 s Apr 19 2006 N	liTek Inc	dustries, Inc. Tue Dec 11 15:02:45 2007 Page 2

NOTES

- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 9 lb uplift at joint 1, 81 lb uplift at joint 6 and 22 lb uplift at joint 5.
- 7) SEE MITEK STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

December 12,2007

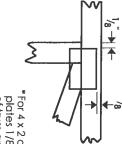


Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. securely seat. plates to both sides of truss and Dimensions are in inches. Apply



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web



This symbol indicates the required direction of slots in connector plates

PLATE SIZE

4 × 4

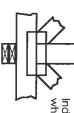
The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



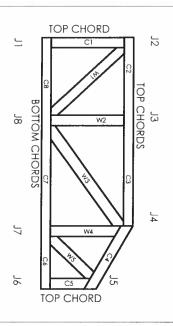
continuous lateral bracing. Indicates location of required

BEARING



which bearings (supports) occur. Indicates location of joints at

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

ICBO

3907, 4922

96-31, 96-67

BOCA

SBCCI

9667, 9432A

WISC/DILHR 960022-W, 970036-N

ZER

561





MiTek Engineering Reference Sheet: MII-7473

Failure to Follow Could Cause Property **General Safety Notes**

Damage or Personal Injury

- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.

ω

4. Unless otherwise noted, locate chord splices at $\frac{1}{4}$ panel length (\pm 6" from adjacent joint.)

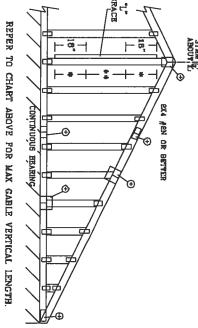
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Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.

- 0 Unless expressly noted, this design is not applicable for use with fire retardant or
- 7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection. preservative treated lumber.
- œ shown indicate minimum plating requirements. Plate type, size and location dimensions
- Lumber shall be of the species and size, and grade specified in all respects, equal to or better than the
- Top chords must be sheathed or purlins provided at spacing shown on design.
- 11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed unless otherwise noted.
- Anchorage and / or load transferring others unless shown. connections to trusses are the responsibility of
- Do not overload roof or floor trusses with stacks of construction materials.
- 14. Do not cut or alter truss member or plate without prior approval of a professional engineer
- 0 15. Care should be exercised in handling 1993 MiTek® Holdings, Inc. erection and installation of trusses

ASCE 7-02: 130 MPH WIND SPEED, 15j MEAN HEIGHT, ENCLOSED, ш \parallel 1.00, EXPOSURE a

		MAX							GABLE VERTICAL LENGT								Ή												
		1 ;	S	33	•	0	. (7,	,		1	6	31		O	.(ζ.	,		2	4	71		O	. (C	•	SPACING	GABI
	1	J F]		(V))	TIT	I I	בוטו	ークフラ			1	<i>ن</i>)	111	山 口 口	STI	בות			1	.V.)	TIT	ij	טולי	משה	SPECIES	GABLE VERTICAL
	STANDARD	STUD	‡ 3	2#	43	STANDARD	STUD	*3	#1 / #2	STANDARD	STUD	£ 4	2#2	*13	STANDARD	STUD	#3	\$1 / #2	STANDARD	STUD	₽3	#2	11	STANDARD	STUD	#3	\$1 / #2	GRADE	BRACE
	4 3	4.4.	4.	4' 7"	4 8	4, 5,	4, 2,	4. 2	4. 3.	3, 10,	4 0	4. 0,	4. 2*	<u>4</u> س	3 8	3' 9"	3		3 4	3' 6"	1	3' 7"	3' 8"	3. 3.	3' 3'	S) S)		BRACES	5
5	6' 1"	7' 1"	7. 2,	7' 4"	7' 4"	6' 11"	6' 11"	6' 11"	7. 4.	ڻ ع	6' 1"	Ι.	6. 8.	6.	ς. Ν,	B' 0°	B, 0,		4' 3"	5' 0"	5. 0.	e, 10.	5' 10"	4' 2"	4' 11"	4' 11"	6, 10.	GROUP A	Т
	6' 1"	7. 1.	7, 5,	7' 11"	7' 11"	6' 11"	6 11	6' 11"	7. 7.	5' 3"	6' 1"	6, 5,	7' 2"	7, 5,	6. 5.	6.0.	6, 0,	6' 10"	4' 3"	5' 0"	6. 0.	6' 3"	6' 3"	4. 5.	4' 11"	4" 11"	6.0.	GROUP	(1) 1X4 "L" BRACE •
	В' 0°	ı	8, 8,	В, В,	B, 8,	7' 10"	8' 9"	9, 8,	8.8	6' 11"	7' 11"	7' 11'	7' 11"	7' 11"	6° 10"	7' 11"	7' 11"	7' 11"	5' 8"	- 1	6.8	6′ 11"	6' 11"	5' 6"	6, 2,	6. 6.	6' 11	B GROUP A	┼
ABO	6'0"	-1	ຜູ້	9, 2,	8, 2,	7' 10"	8, 8,	g, 8 _x	8' 11"	6' 11"	6 1	B. 8.	B. 6*	B' 6*	6' 10"	7' 11"	7' 11"	8. 1."	5 8	6' 7"	6. B.	7' 5"	7 5	5 6.	6, 2,	6, 6,	7' 1"	A GROUP B	(1) 2X4 "L" BRACE .
THOUSAN STANDER	1 1	- 1	٦,	10. 6.	- 7	10' 6"	10' 5"	10' 5"	10. 6.	9, 4,,	8 5	9. 6.	9' 5"	8, 2,	8. 5.	9' 6"	9' 5"	9 6	7' B"	8 3	6 3	8. 2.	B 3	7' 5"	ප. යෑ	В' Э"	B. 3"	GROUP A	(2) 2X4 "L" BRACE
	10' 8"	- 1	10' 11"	11' 2"	- 1	10' 6*	10' 5"	10' 5"	TO. 8"	9' 4"	9 11"	9' 11"	10' 2"	10 2	9, 2,	8 ¹ 5 ¹	8, 2,	9. 8.	-1	- 1		8' 11"	8 11"	7. 5.	ස <u>්</u>	8 3	G.	GROUP B	BRACE **
	"	7	13 8	- 1	13' 8"		13. 8,	13, 8,	13' 8"	_1	- 1			12'5"	10. 7.	-1	٦	• • • •	⊷ l	٦.	ា	10, 10,		_ I	10' 0"		10' 10'	GROUP	(1) 2X6 "L" BRACE
	12' 6"		14' 0"	14, 0,	14' 0"	12,	13' 8"	13 6	14.0"	10' 10'	12, 6,	12. B.	13' 5"	13' 5"	10. 2.	12' 4"	12' 4"	12' 9"	B. 10"	10' 3"	10. 4.	11' 6'	11' 8"	8.8	10' 0"	10' 1.	11' 2'	A GROUP B	" BRACE .
	14' 0"	14. 0.	14' 0"	14. 0"	14.0	14' 0"	14' 0"	14, 0,	14. 0.	14' 0"	14, 0,	14. 0.	14' 0"	14, 0,	14. 0.	14. 0	14, 0,	14. O.	12. 0.	12' 11"		- 1	12' 11"			12' 11"	12. 11.	B GROUP A GROUP B	(2) ZXB 'L' BRACE
	14' 0"	14.0	14.0	14.0	14 0	14' 0"	14' 0"	14.0		14' 0"	14, 0,	14. 0"	14' D*	14' D"	14. 0.				12' 0"	13' 7"		13' 11"	13' 11"				13 3	GROUP B	BRACE **
CASEL END EUTYCKIS LOAD FROM \$ 0 DUTLODARKS WITH E O DVERHANG, DR 12* PLYWOOD OVERHANG.	CONTINUOUS HEARTING (O PSF TC DEAD LOAD).	PROVIDE UPLIFT CONNECTIONS FOR 136 PLF OVER	LIVE WALL DEFLECTION CHIERDA IS L/240.	מנה ו מו מומשת שמשים חומו קום ו	CABLE INUSE DETAIL NOTES:				#2		SDUTHERN PINE DOUGLAS FIR-LARCH		A SIR	HEM-PIR	האסטה ה:			CONTRACTOR	T	#B	DOUGLAS FIR-LARCH SOUTHERN PINE		TO STANDARD AS STANDARD	A-WIM HIGHLIGHTS	COUP A:		BRACING GROUP SPECIES AND GRADES:		



DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
MACONAL BRACE FOR SAG
AT BACH END. MAX WEB

GABLE TRUGE

TOTAL LENGTH IS 14".

VERTICAL LENGTH SHOWN IN TABLE ABOVE.

2X4 BF #2N, DF-L #2,
SPF #/#2, OR BETTER
DIAGONAL BRACE;
EINGLE OR DOUBLE
CUT (AS SHOWN) AT
UPPER END.

MEDPOINT OF VERTICAL WEB.

EST

+ REFER TO COMMON TRUBS DEBIGN FOR PEAK, SPLICE, AND HEBL PLATES. GREATER THAN 1 0 BUT 2.5X4 X

No. 34888	JULIUS LEE'S cons. ENGINEERS P.A. DELAN BEACH, PL. SEAM-2161

No: 34869 STATE OF FLORIDA

MAX. SPACING

24.0"

MAX.

TOT.

Ē

60 PSF

DATE REF

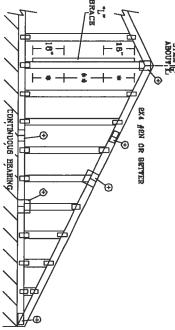
11/26/03 ASCE7-02-CAB13015

DRWG NITER STD GABLE 16 E HT

CABLE VERTICAL PLATE SIZES VERTICAL LENGTH NO SPLICE LESS THAN 4. 0" 11X4 OR 9X3	T. Bracing must be a minimum of 80% of Web Member Length.	ATTACH EACH "L" BRACE WITH 10d NAILS. # POR (1) "L" BRACES: SPACE NAILS AF 2" O.C. # POR (2) "L" BRACES: SPACE NAILS AT 2" O.C. # POR (3) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONE IN 18" END ZONES AND 6" O.C. BETWEEN ZONE	FROWIDE UPLIFT CONNECTIONS FOR 136 FLS OVER CONTINUOUS BEARING (6 PSF WC DEAD LOAD). CASELE END SUFFORTS LOAD FROM 4: 0* DUTLLOOMERS WITH 8: 0* DVERHANG, DW 12* PLYWOOD OVERHANG.	
	E3A	O.C.	Ç.	

ASCE 7 02: 130 MPH WIND SPEED, 30, MEAN HEIGHT, ENCLOSED, \parallel 1.00, EXPOSURE α

		1	M	Α	X		(3/	\I	3	L	E		V	E	R	ľ	Ι	C	A	L		L	E	N	10	זר. זר.	Ή	
		1	2	71		0	.(Ξ.			1	6	71		O	.(ζ.	•		2	4	"		O	.(С		SPACING	TIBIVE
			1	7) j	111	ij	בידו				1	<u>V</u>	9	111	I I	STI	なばず			!	<u>V.</u>	}	111		באט	CIT	SPACING SPECIES	CARLE VERTICAL
X	STANDARD	STUD	ž	2#	\$ 1	STANDARD	STUD	43	\$1 / #2	STANDARD	STUD	13	*5	\$ 3	STANDARD	CUIS	£ 3	£1 / #2	STANDARD	STUD	£ 3	THE CO.	4 1	STANDARD	STUD	‡ 3	\$1 / #2	CRADE	BRACE
	4' 0"	տ	4. 2.	4. 4.	4.5	3' 11"		3' 11"	4' 0"			3.	3' 11"	4.0	1 '	3' 7"	3' 7"	ω. α	3 ¹ O,*	3' 3"		3' 6"			3' 1"	3' 1"	3. 53.	BRACES	Z O
	5' 6"	6. 4.	6, 6,	6' 11"	5 11°	5' 4'	6. 3,	B' 3"	6' 11"	4' 9"	5 6	5. 7.	6 4	6	4. 8.	5' 6"	5. 5.	6' 4"	3' 10"	ı	4. 6.	5' 6"	5' B"	3, 8,	4, 6,	_	5. 6.	GROUP A	(1) 1X4 °L"
	5, 8,	6 4	6, 2,	7° 6°	7' 6"	5' 4"		B' 3"	3, 5.		ڻ ق	6' 7"	6' 10°	Б 10"	4' B"	6' 5"	5, 2,	6' 6'	3' 10"	4' 6"	4. 6.	5' 11"	5' 11"	3. 9.	4' 5"	4' 5"	6° 8°	GROUP H	BRACE •
	7' 3"	8.3.	8, 3,	B' 3"	8 3		8 ³ 3 ¹	8' 3"	8. 3.	6' 3"		7' 4"	7' 6"	7' 6"	6, 5,	7 2			6' 1"	5 11"	- 1	6, 6,	6' B"	6.0.	٦,		6' 6"	GROUP A	(1) 2X4 "L"
ABO ABO	7' 3"	8. 5.	8' 6°		B' 11.	7' 1"	a' 3ª	1 7	B' 6'	ල. යා	١ ٦	1	B' 1"	B' 1°	6. 2.	7: 2:	7' 2"	7. 8.	5 1	5' 11"	6.0	7' 0"	7' 0"	- 1	5° 10°		6. 9.	GROUP B	L" BRACE .
A PUORA	8.8		9' 10"	9' 10"	8' 10"	9' 6"	9' 10"		9. 10.	8' 5"	8' 11"	8, 11	8' 11"		8, 3.	8' 11"	8 11 "	8 11"	6' 11"	7' 10"	7' 10"	7' 10"	- 1	в. В.	7' 10"	7' 10"	7 10	GROUP A	(2) 2X4 "L"
	9' 9"	10' 4'	10′ 4″	10' 7"	10' 7"	٠,	9' 10"		10. 1.	•	8, 2,	٦.	9, 7,	8, 2,	8. 3.	B' 11"	B' 11"	8. 5.	6, 11,	B' 0"	٦,	٦		6. 8.	7' 10"	[8.0.	GROUP B	BRACE **
	11' 4"	- 1	12, 11,		- 1		18, 10		- 1	8. 8.	11, 4,	11, 2,	11, 9,	11' 9"	9. 7.		11' 2"	11' 9'	O.	7	- 1	ា	10' 3"	7' 10"	9, 1,	- 1	10. 3	GROUP A	(1) 2X6
	11' 4"	13. 1.	13' 3"	13, 11,	13' 11"	11' 1"	12' 10"	12' 11"	13. 4.	ຄ.	11' 4"	11. 6.	12' 8"	12' B"	8. 4.	11. 1	11, 5,	12, 1,	8. 0.		9.	11, 1,,	11' 1"	7 10"	9, 1,	9 1"	10. 7.	GROUP	"L" BRACE .
	T4' 0"	14 0	14. 0.	14' 0"	14 0	14' 0"	14. 0,	14, 0,	14. 0"	13' 9"	14 0,	14. 0.	14. 0.	14' O*	12' 11'	14' 0"	14. 0.	14 0			12 3	12, G*		10. 7.	12. 2.	12' 3"	18.	B GROUP A GROUP	(2) ZXB "L" BRACE
		14. 0	14' 0"	14' 0"	14.0	14'0"	14. 0"	- 1		13' 3"		14. 0"	14' D"	14 D	12. 11.	14, 0,	14' D"	14. 0.			N.	- 1	- 1			- 1	12. 7.	GROUP B	BRACE **
CABLE DAY BUTTORIS WITH E O DVERHANG, OR 12" PLYMOOD OVERHANG.	CONTINUOUS BEARING (O FSF IC DEAD LIAD).	- FROUDE OF LIFT CONNECTIONS FOR 180 PLF OVER		DAG 1 SI VIGALION COLLECTION DAG 1 ANTI	CABLE INCOM DETAIL NOTES:					_	SDUTHERN PINE DOUGLAS FIR-LARCH		ST & BIR	HEM-PIR	באסטיד ש:			C CONTROL CONT	I T		DOUGLAS FIR-LARCH SOUTHERN PINE	Section 200	12	IA-METH	GROUP A:		BRACING GROUP SPECIES AND GRADES:		



DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHIND DIAGONAL
BRACE IS USED. CONNECT
INACONAL BRACE TOR SEG
AT EACH YED. MAY WEB
TOTAL LENGTH IS 14.

GABLE TRUSS

VERTICAL LENGTH SHOWN IN TABLE ABOVE.

ZX4 6F OR
DIT-L #Z OR
BETIST DIAGONAL
BRACE SHOUBLE
CUT (AS SHOWN)
AT UPPER END

CONNECT DIAGONAL AT ...

REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH

MEMBER LENGTH.

ATTACH BACH 'L' BRACE WITH 10d NAILS.

POR (1) 'L' BRACE: SPACE NAILS AF 2' O.C.

IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

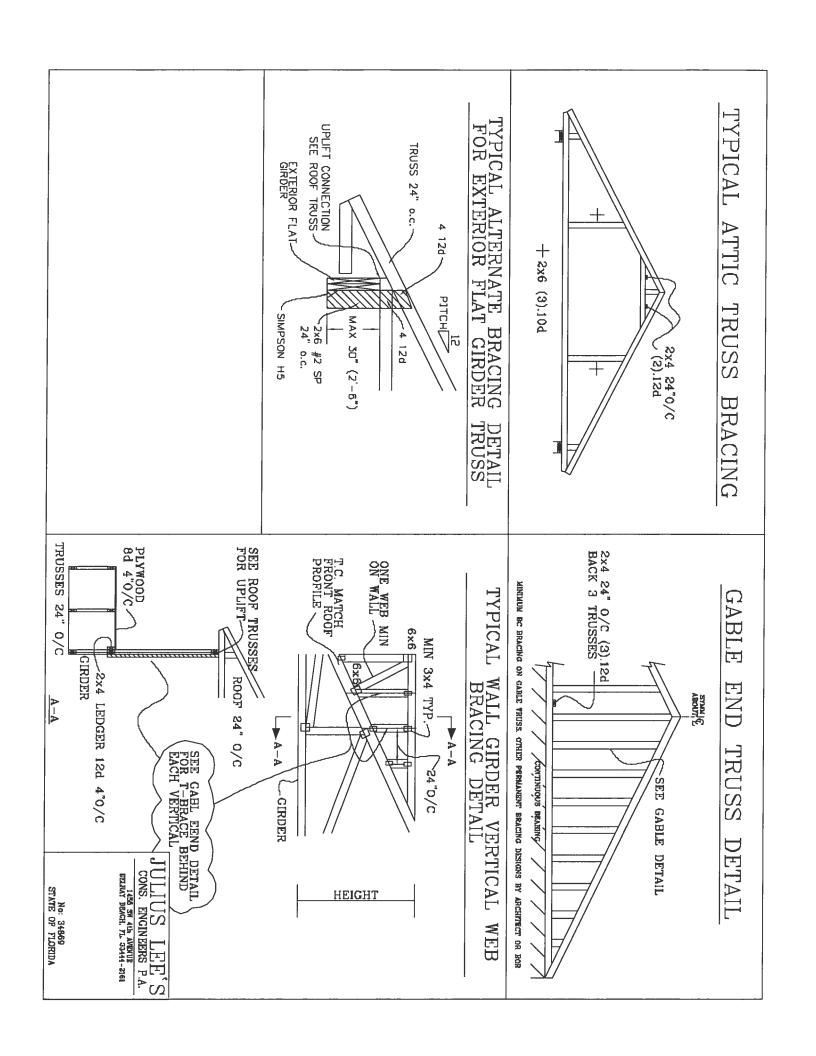
++ FOR (2) 'L' BRACES: SPACE NAILS AT 3" O.C.

IN 18" END ZONES AND 6" O.C. BETWEEN ZONES. L' BRACING MUST BE A MINIMUM OF 80% OF WEB

n-1		ATES.	2	PEAK, SPLICE, AND HEEL PLATES.	AND	PLICE.	4	PEAX.	
	ğ	TRUSS DESIGN	~	TRUSS	COMMON	10 co		REFER	+
_		2.5X4	Г		11, 6	MAHT	图	GREAT	-
		2%		BUT	3. B.	THAN 1	" S	GREAT	_
_	233	4 DR	×		o.	N 4.	몿	PSS 1	ī
	a	D SPU	z		NCTH	מאר ני	3	YES	-
	u,	PLATE SIZES	E		VERTICAL		6	CABLE	1

MEMARANCEM TRASSIS REQUER EXTREME CARE IN FARRICATING, HANDLING, SMEPING, INSTALLING AND BROCHG. BUTCH TO BEST 1-43 GRULLING COMPERENT SAFETY HATDANTION, PUBLISHED BY TPI CTRISS PARE INSTITUTE, 383 DYDREFOR DE, SUITE ROD, MINISON, MI SAFETY PARE INCODE TRUSS CLOUGH. OF ANCHOLA, 6300 ENTERPRISE LM, MOUSON, MI SATIP) AND MUCA INCODE TO PERFORMING THE SAFETY PARE. MICHES PRICE TO PERFORMING THESE CHARCHES AND BUTTON CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BUTTON CHORD SHALL HAVE A PROPERTY ATTACHED REGID CEILING.

STATE OF ILORIDA	No. 31980			DELRAY BEACH, PL 33444-2161	CONS. ENGINEERS P.A.	S. HH.IIII SUITIIII
MAX.		MAX.				
MAX. SPACING 24.0"		MAX. TOT. LD. 60 PSF				
SING		EĐ.				
24		60				
0		PSF				
			-ENG	DWG M	DATE	REF
				DWG MITEK STD CABLE SO'R HT	11/26/03	ASCB7-02-CAB13030



TOP CHORD BOT CHORD WEBS 2**X**4 វីវិសី 999 R BETTER R BETTER R BETTER

PIGGYBACK DETAIL

TYPE

SPANS

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9

4

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2.5X4

2.6X4

SPACE PIGGYBACK VERTICALS AT 4' OC MAX. REFER TO SEALED DESIGN FOR DASHED PLATES.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

REFER TO BUCINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:
110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG,
LCCATED ANYWHERE IN ROOF, 1 MI FROM COAST
CAT I, EXP C, WIND TC DL-5 PSF, WIND BC DL-5 PSF
110 MPH WIND, 30' MEAN HGT, FBC
ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF
WIND TC DL-5 PSF, WIND BC DL-5 PSF

130 MPH WIND, 30' MEAN HCT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C. WIND TC DL=6 PSF, WIND BC DL=6 PSF

Ħ C

5X4

6X6

5X5

5X**6**

EXG. **4**X8 2X4

1.5X4

1.5X4

1.5X4

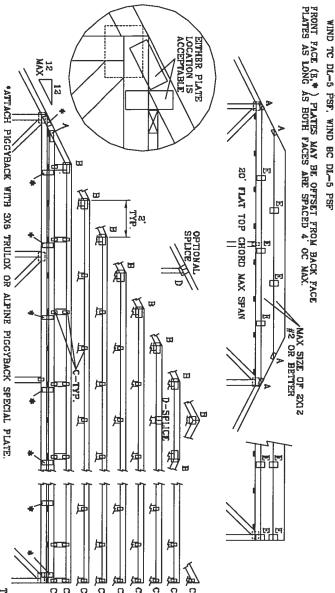
4XB OR 3X6 TRULOX AT 4' OC, HOTATED VERTICALLY

ᇜ >

5X8

8X6

5X6 3X6



	ATTACH TRULOX PLATES WITH (8) 0.120° X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.
	PAC X
WEB	PLATES E PER I REFER
WEB BRACING	PLY. TO I
S	₹ £ @
CHAR	NAII NAII
H	160 S IN
	12.
	ACH FOR
	NAILS, MEMBER TRULOX

<u> </u>
* PIGGYBACK SPECIAL PLATE ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF PABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120 X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.

SIHI
DRAWING
REPLACES
DRAWINGS
634,016
634,017
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847,0

		HMVARHINGME TRUSSES REGUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-00 GHILDING CIDEDHAM SWETT HEORRANIDM, PAIRLINED BY TPI CHEMES PLATE INSTITUTE, 283 0 TOMERND DY. SUITE 200, MADISHN, VJ. 537199 AND FICA VOCTOD TRUSS COUNTY. OF MERICA, 6500 CHIEFRISE LN, HANSON, VI 337199 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THATTHEN SES INDICATED. TO FORD SHALL HAVE REPORTERY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.	THE THE PERSON STATES OF THE PERSON OF THE P
STATE OF FLORIDA	:	JULIUS LEERS P.A. CONS. ENGINEERS P.A. DERAY BEACH, 7L 3344-2161	THIS DRAWIT
SPACING 24.0"	47 PSF AT 1.15 DUR. FAC.	MAX LOADING 55 PSF AT 1.33 DUR. FAC. 50 PSF AT 1.25 DUR. FAC.	VG REPLACES DRAWINGS 6
		REF PIGCYBACK DATE 09/12/07 DRWGMITEK STD PIGGY -ENG JL	THIS DRAWING REPLACES DRAWINGS 634,018 834,017 & 847,045

VALLEYTRUSS DETAIL

TOP CHORD 2X4 SP #2 OR SPF #1/#2 OR BETTER.
2X3(*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER.
2X4 SP #3 OR BETTER.

- ZX3 MAY BE RIPPED FROM A ZX6 (PITCHED OR SQUARE).
- * ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: FBC 2004 110 MPH ASCE 7-02 110 MPH WIND OR (ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCI BUILDING, EXP. C. RESIDENTIAL WIND TC DL=5 PSF. (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR OR (3) 16d ENCLOSED FOR

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEH, VALLEY WEH, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".

MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0"

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH: PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION

PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN ENGINEERS' SEALED DESIGN. BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON

* NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

CUT FROM 2X6 OR LARGER AS REQ'D

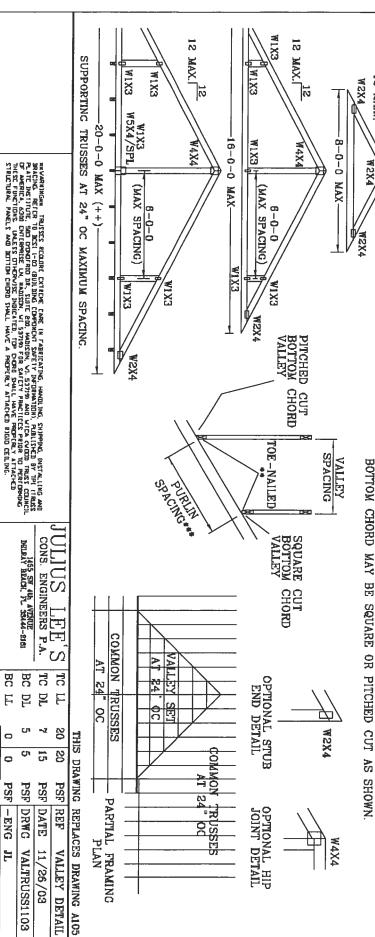
12 NAX.

12

4-0-0 MAX

++ LARGER SPANS NAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

BOTTOM CHORD MAY BE SQUARE



No: 34869 STATE OF FLORIDA

SPACING DUR.FAC 1.25

24

1.25

BC LL

0

-ENG

TOT. LD.

32

40

PSF PSF

TOE-NAIL DETAIL

TOE-NAILS TO BE DRIVEN AT AN ANGLE OF APPROXIMATELY THIRTY DEGREES WITH THE PIECE AND STARTED APPROXIMATELY ONE-THIRD THE LENGTH OF THE NAIL FROM THE END OF THE MEMBER.

PER ANSI/AF&PA NDS-2001 SECTION 12.4.1 - EDGE DISTANCE. END DISTANCE. SPACING: "EDGE DISTANCES, END DISTANCES AND SPACINGS FOR NAILS AND SPIKES SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD."

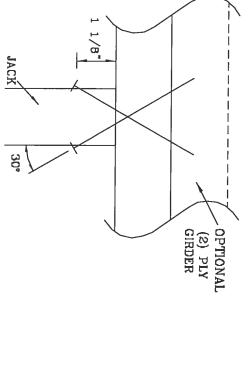
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

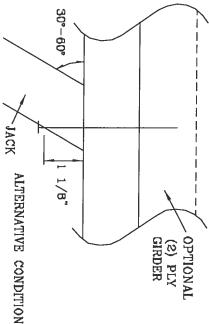
THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

MAXIMUM
VERTICAL
RESISTANCE OF 16d (0
CF 16d
(0.162°X3.5
") COMMON
TOE-NAILS

1 PLY 2 PLIES 1 PLY 2 PLIES 1 PLY 2 187# 256# 181# 234# 156# 296# 383# 271# 351# 234# 394# 511# 361# 468# 312# 493# 639# 452# 585# 390#	NUMBER OF	SOUTHE	SOUTHERN PINE	DOUGLAS	DOUGLAS FIR-LARCH	HEM-FIR	-FIR	SPRUCE PINE FIR	PINE FIR
256# 181# 234# 156# 383# 271# 351# 234# 511# 381# 468# 312# 639# 452# 585# 390#	POE-NAILS 1	РЬУ	2 PLIES		2 PLIES	1 PLY	2 PLIES	1 PLY	2 PLIES
383# 271# 351# 234# 511# 381# 468# 312# 639# 452# 585# 390#	23	#78	256#	181#	234#	156#	203#	154#	199#
511# 361# 468# 312# 639# 452# 585# 390#	ω	#368	383#	271#	351#	234#	304#	230#	#862
639# 452# 585# 390#	4,	394#	511#	361#	468#	312#	406#	307#	397#
	57	193#	639#	452#	585#	390#	507#	384#	496#

E MODIFFIED BY AFFRONRIATE DURATION OF LUAD FACTUR.





THIS DRAWING REPLACES DRAWING 784040

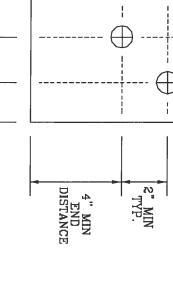
STATE OF FLORIDA	No: 34868			DELEAY BEACH, PL 83444-2161	CONS. ENGINEERS P.A.	JULIUS LEE'S	
SPACING	DUR. FAC.	TOT. LD.	BC LL	BC DL	TC DL	TC LL	
	1.00	PSF	PSF	PSF	PSF	PSF	
			-ENG	DRWG	DATE	REF	
			JL	CNTONAIL1103	09/12/07	TOE-NAIL	

DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL T0GRAIN

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

TYPICAL LOCATION OF 1/2" DIAMETER THRU BOLTS. BOLT QUANTITIES AS NOTED ON SEALED DESIGN MUST BE APPLIED IN ONE OF THE PATTERNS SHOWN BELOW.

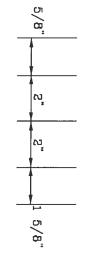


1

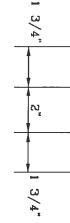
2" MIN TYP.

4" MIN END DISTANCE





 \vdash



SX6

DETAIL

2XB DETAIL

THIS DRAWING REPLACES DRAWING A628,016

				AND LINCOLL DICC			
STATE OF FLORIDA	No. 24000			DELRAY BEACH, FL 33444-2161		TI DI STITE SIIIIII	
SPACING	DUR. FAC.	TOT. LD.	BC LL	BC DL			
		PSF	PSF	PSF	PSF	PSF REF	
			-ENG JL	DRWG	DATE	REF	
			JL	CNBOLTSP1103	DATE 11/26/03	BOLT SPACING	

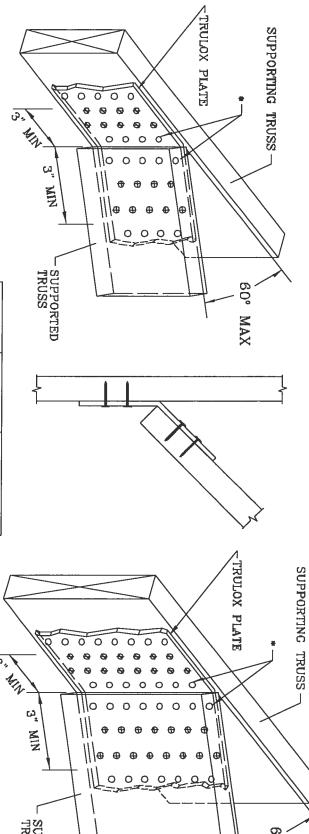
TRULOX CONNECTION DETAIL

11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (\$\phi\$).

NAILS MAY BE OMITTED FROM THESE ROWS THIS DETAIL MAY BE USED WITH SO, PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

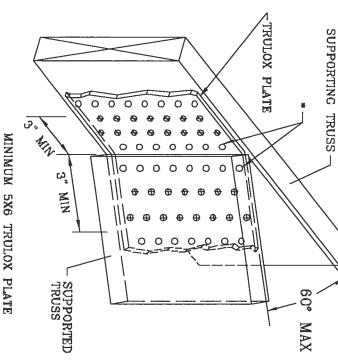
TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING INFORMATION NOT SHOWN. THIS DETAIL FOR LUMBER, PLATES, AND OTHER



TRULOX PLATE SIZE 3X6 5X8 REQUIRED NAILS PER TRUSS 15 9 MAXIMUM LOAD UP OR DOWN 990# 350#

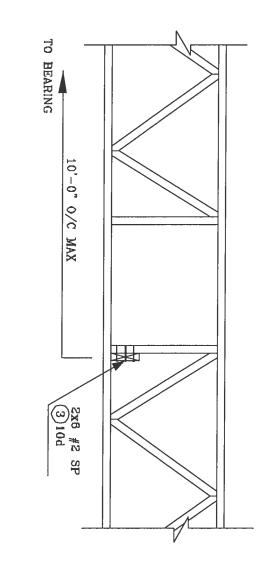
MINIMUM 3X6 TRULOX PLATE



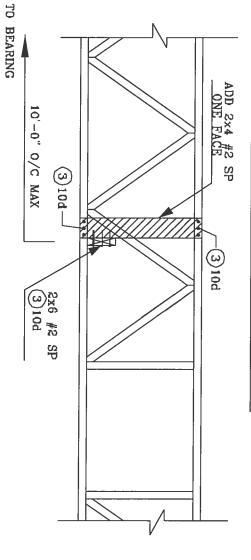
THIS DRAWING REPLACES DRAWINGS 1,158,888 1,158,989/R 1,154,844 1,152,217 1,152,017 1,159,154 & 1,151,524

	WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOS) 1-00 (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TP) (TRASS PLATE INSTITUTE, 380 DYDNOTRIO DR., SUITE ROJ, MAISEN, VI. 33739 AND VYCA (MODIT TRUSS COUNCIL DE AMERICA, SOID INFORMATION, VI. 33739) FOR SAFETY PRACTICES PRIDE TO PEFFORMING THESE FUNCTIONS. UNLESS DIMERYISE INDICATED, TOP CORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.				
No: 34869 STATE OF FLORIDA		DELRAY BRACH, FL. 33444-2161	ERS	JULIUS LEE'S	
	-ENG JL	DRWG CNTRULOX1103	DATE 11/26/03	REF TRULOX	

STRONG BACK DETAIL SYSTEM-42 OR FLAT TRUSS



ALTERNATE DETAIL FOR STRONG BACK WITH VERTICAL NOT LINING UP



JULIUS LEE'S P.A. CONS. ENGINEERS P.A. 1425 SM 4th AVEUE P.A. 1425 S

No: 34869 STATE OF FLORIDA