Builders FirstSource

Project Information for: L262253

Builder:	Aaron Simque Home, Inc.
Lot :	138
Subdivision:	The Preserves
County:	Columbia
Truss Count:	74
Design Program:	MiTek 20/20 6.3

JULIUS LEE LICENSE No. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

December 12, 2007

Truss Design Load Information:

Gravity:	**Wind:**
Roof (psf):42.0	Wind Standard: ASCE 7-02
Floor (psf): 55.0	Wind Speed (mph):110

Building Code:FBC2004/TPI2002

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

Contractor of Record, responsible for the Structural Engineering:
Aaron D. Simque Florida Contractor License No.RB29003130
Address: P.O. Box 2183 Lake City, Florida 32056

Truss Design Engineer: Julius Lee, PE Florida P.E. License No. 34869
Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. The Truss Design Engineer's responsibility relative to this structure consists solely of the design of the individual truss components and does not include the design of any additional structural elements including but not limited to continuous lateral bracing elelments in the web and chord planes. See Florida Administrative Code 61G15-31.003 section 3 c) & 5 and Chapter 2 of the National Design Standard for Metal Plate Connected Wood Truss Construction ANSI/TPI 1-2002 for additional information on the responsibilities of the delegated "Truss Design Engineer". Builders FirstSource and Julius Lee, PE do not accept any additional delegations beyond the scope of work described in the referenced documents above.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	J1916237	12/12/07	51	T25	J1916287	12/12/07
2	CJ1B	J1916238	12/12/07	52	T26	J1916288	12/12/07
3	CJ3	J1916239	12/12/07	53	T27	J1916289	12/12/07
4	CJ3A	J1916240	12/12/07	54	T28	J1916290	12/12/07
5	CJ3B	J1916241	12/12/07	55	T29	J1916291	12/12/07
6	CJ5	J1916242	12/12/07	56	T30	J1916292	12/12/07
7	CJ5A	J1916243	12/12/07	57	T31	J1916293	12/12/07
8	CJ5B	J1916244	12/12/07	58	T31A	J1916294	12/12/07
9	EJ2	J1916245	12/12/07	59	T32	J1916295	12/12/07
10	EJ2A	J1916246	12/12/07	60	T33	J1916296	12/12/07
11	EJ2B	J1916247	12/12/07	61	T34	J1916297	12/12/07
12	EJ7	J1916248	12/12/07	62	T35	J1916298	12/12/07
13	EJ7A	J1916249	12/12/07	63	T36	J1916299	12/12/07
14	EJ7B	J1916250	12/12/07	64	T37	J1916300	12/12/07
15	HJ2	J1916251	12/12/07	65	T38	J1916301	12/12/07
16	HJ9	J1916252	12/12/07	66	T39	J1916302	12/12/07
17	HJ9A	J1916253	12/12/07	67	T40	J1916303	12/12/07
18	HJ9B	J1916254	12/12/07	68	T41	J1916304	12/12/07
19	PB1	J1916255	12/12/07	69	T42	J1916305	12/12/07
20	PB1A	J1916256	12/12/07	70	T43	J1916306	12/12/07
21	PB2A	J1916257	12/12/07	71	T43A	J1916307	12/12/07
22	PB2B	J1916258	12/12/07	72	T44	J1916308	12/12/07
23	T01	J1916259	12/12/07	73	T44G	J1916309	12/12/07
24	T01A	J1916260	12/12/07	74	PB1_ALT	J1916255A	12/12/07
25	T01G	J1916261	12/12/07				
26	T02	J1916262	12/12/07				
27	T03	J1916263	12/12/07				
28	T04	J1916264	12/12/07				
29	T05	J1916265	12/12/07				
30	T06	J1916266	12/12/07				
31	T07	J1916267	12/12/07				
32	T08	J1916268	12/12/07				
33	T09	J1916269	12/12/07				
34	T10	J1916270	12/12/07				
35	T11	J1916271	12/12/07				
36	T11T	J1916272	12/12/07				
37	T12	J1916273	12/12/07				
38	T13	J1916274	12/12/07				
39	T14	J1916275	12/12/07				
40	T15	J1916276	12/12/07				
41	T16	J1916277	12/12/07				
42	T17G	J1916278	12/12/07				
43	T18	J1916279	12/12/07				
44	T19	J1916280	12/12/07				
45	T20	J1916281	12/12/07				
46	T21	J1916282	12/12/07				
47	T22	J1916283	12/12/07				
48	T23	J1916284	12/12/07				
49	T24	J1916285	12/12/07				
50	T24G	J1916286	12/12/07				

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:52 2007 Page 1

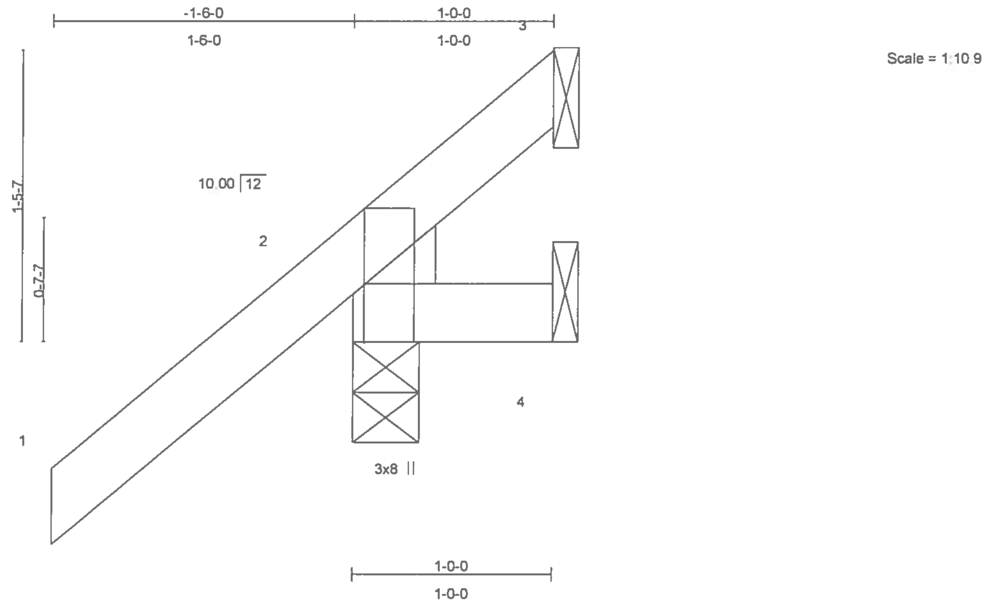

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 7 lb	

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

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

REACTIONS (lb/size) 2=180/0-4-0, 4=5/Mechanical, 3=-41/Mechanical
Max Horz 2=113(load case 6)
Max Uplift 2=-172(load case 6), 3=-41(load case 1)
Max Grav 2=180(load case 1), 4=14(load case 2), 3=53(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-70/48
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.08 and 2 = 0.00

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

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

NOTES

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

LOAD CASE(S) Standard

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

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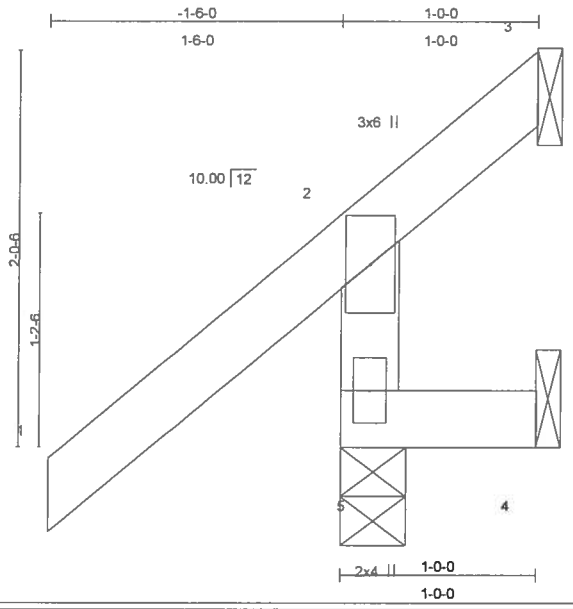

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.00	5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	0.00	5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 8 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=203/0-4-0, 4=-14/Mechanical, 3=-46/Mechanical
Max Horz 5=121(load case 6)
Max Uplift 5=-114(load case 6), 4=-38(load case 6), 3=-46(load case 1)
Max Grav 5=203(load case 1), 4=7(load case 2), 3=33(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-5=-180/184, 1-2=0/57, 2-3=-58/26
BOT CHORD 4-5=0/0

JOINT STRESS INDEX
2 = 0.34 and 5 = 0.41

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

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1100 Crandall Bay Blvd
Ocean Ridge, FL 33435

December 12,2007

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

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LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. [illegible]
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

December 12,2007

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

Scale = 1:18.2

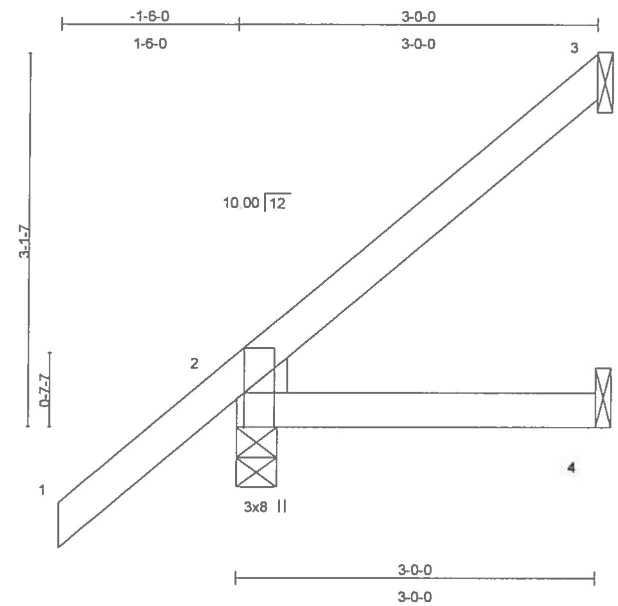

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 14 lb	

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

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

REACTIONS (lb/size) 3=48/Mechanical, 2=206/0-4-0, 4=14/Mechanical
Max Horz 2=188(load case 6)
Max Uplift 3=-75(load case 6), 2=-114(load case 6)
Max Grav 3=48(load case 1), 2=206(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-74/23
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.10 and 2 = 0.00

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

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

NOTES

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

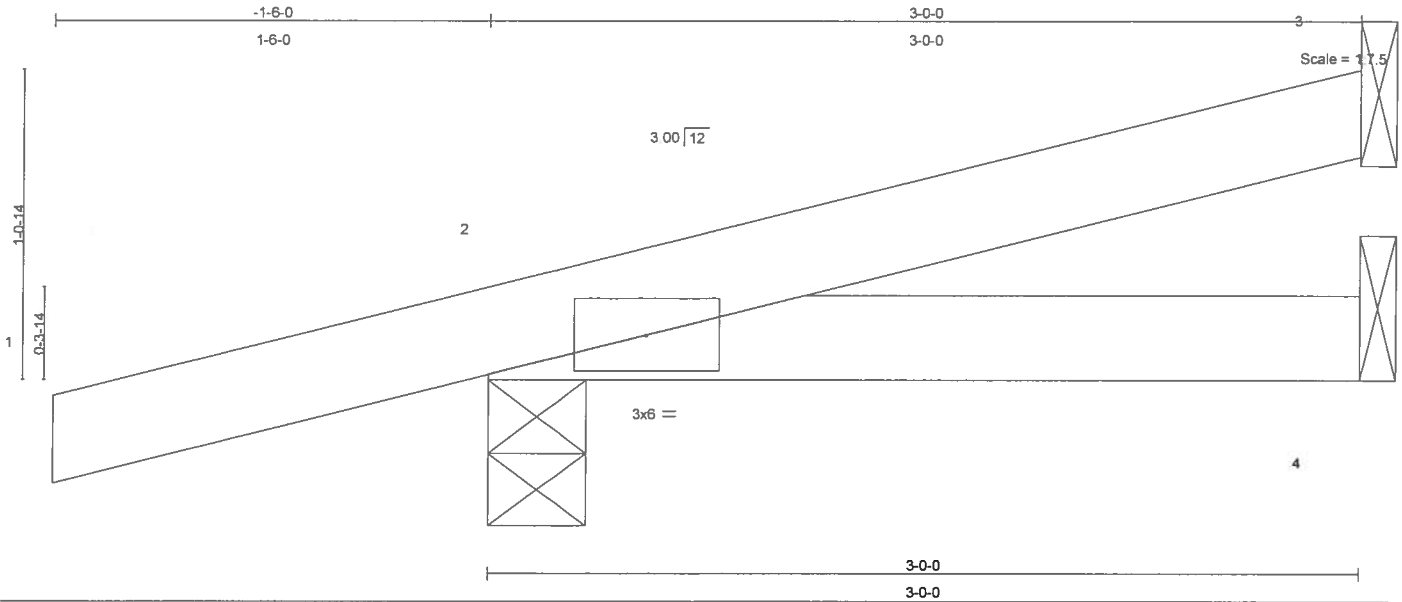
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No 34927
1105 Coastal Bay Blvd
Ocean Ridge, FL 33435

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:54 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 lb	

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

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

REACTIONS (lb/size) 3=48/Mechanical, 2=206/0-4-0, 4=14/Mechanical
Max Horz 2=58(load case 4)
Max Uplift 3=-27(load case 4), 2=-197(load case 4), 4=-26(load case 4)
Max Grav 3=48(load case 1), 2=206(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-27/9
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.08

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

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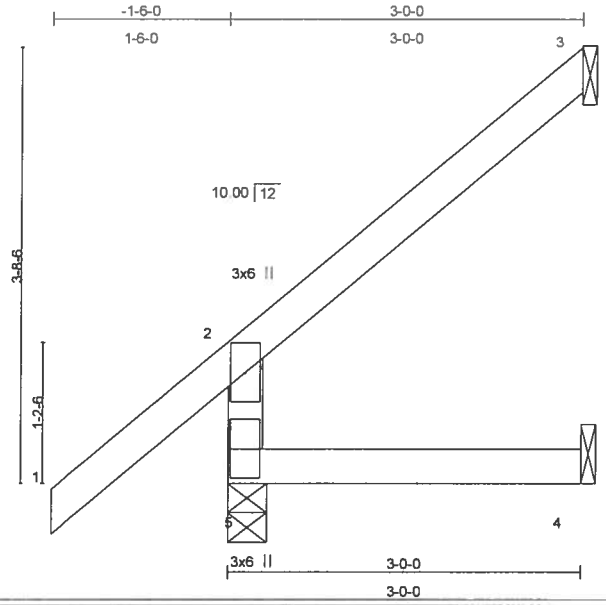
LOAD CASE(S) Standard

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:55 2007 Page 1



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LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	0.01	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.00	4-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.02	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 15 lb	

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

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

REACTIONS (lb/size) 5=204/0-4-0, 3=53/Mechanical, 4=10/Mechanical
Max Horz 5=219(load case 6)
Max Uplift 5=-68(load case 6), 3=-90(load case 6), 4=-23(load case 6)
Max Grav 5=204(load case 1), 3=53(load case 1), 4=38(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-5=-187/125, 1-2=0/57, 2-3=-80/24
BOT CHORD 4-5=0/0

JOINT STRESS INDEX
2 = 0.49 and 5 = 0.31

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other 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 68 lb uplift at joint 5, 90 lb uplift at joint 3 and 23 lb uplift at joint 4.

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Emerald Bay Drive
Destin Beach, FL 32541

December 12,2007

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LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. [illegible]
1109 Coastal Bay Blvd
Boynton Beach, FL [illegible]

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:56 2007 Page 1

Scale = 1:25.5

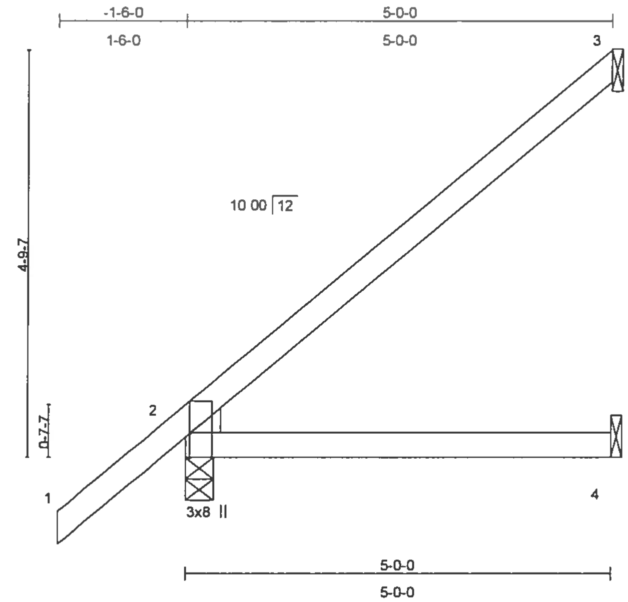

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 21 lb	

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

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

REACTIONS (lb/size) 3=113/Mechanical, 2=258/0-4-0, 4=24/Mechanical
Max Horz 2=265(load case 6)
Max Uplift 3=-161(load case 6), 2=-98(load case 6)
Max Grav 3=113(load case 1), 2=258(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-148/59
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.14 and 2 = 0.00

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

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

NOTES

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

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No 34791
1103 Coastal Bay Blvd
Ocean Isle Beach, NC 28469

December 12,2007

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

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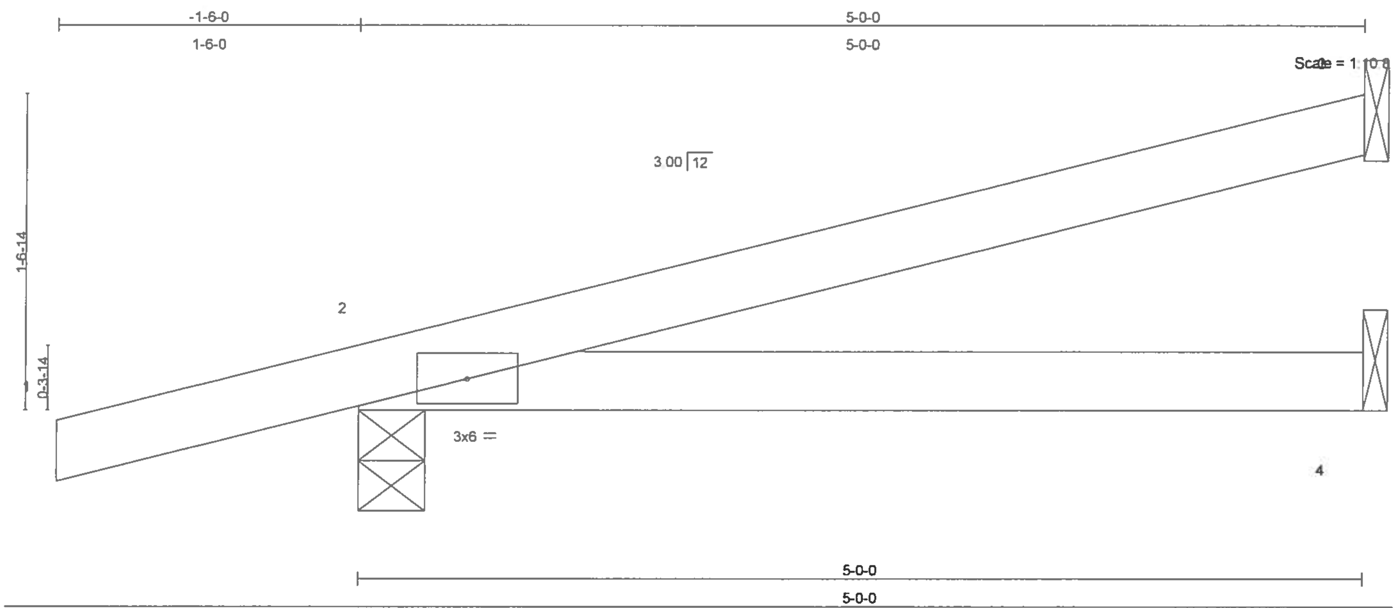

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	0.09	2-4	>671	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

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

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

REACTIONS (lb/size) 3=113/Mechanical, 2=258/0-4-0, 4=24/Mechanical
Max Horz 2=81(load case 4)
Max Uplift 3=-80(load case 4), 2=-239(load case 4), 4=-46(load case 4)
Max Grav 3=113(load case 1), 2=258(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-45/22
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.09

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

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December 12,2007

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

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Coastal Bay Blvd
Ocean Ridge, FL 33435

December 12,2007

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

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Scale = 1:28.3

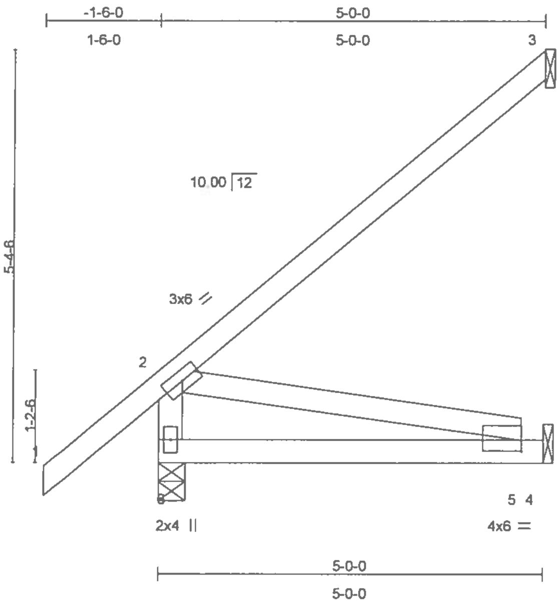

Plate Offsets (X,Y): [5:0-0-2,0-1-11]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.23	Vert(LL)	-0.03	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.05	5-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.08	Horz(TL)	-0.01	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 28 lb	

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

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

REACTIONS (lb/size) 6=257/0-4-0, 3=114/Mechanical, 4=24/Mechanical
Max Horz 6=296(load case 6)
Max Uplift 6=-62(load case 6), 3=-139(load case 6), 4=-44(load case 6)
Max Grav 6=257(load case 1), 3=114(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-6=-234/87, 1-2=0/57, 2-3=-124/56
BOT CHORD 5-6=-328/2, 4-5=0/0
WEBS 2-5=-2/335

JOINT STRESS INDEX
2 = 0.13, 5 = 0.14 and 6 = 0.08

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

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

Builders FirstSource

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

NOTES

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

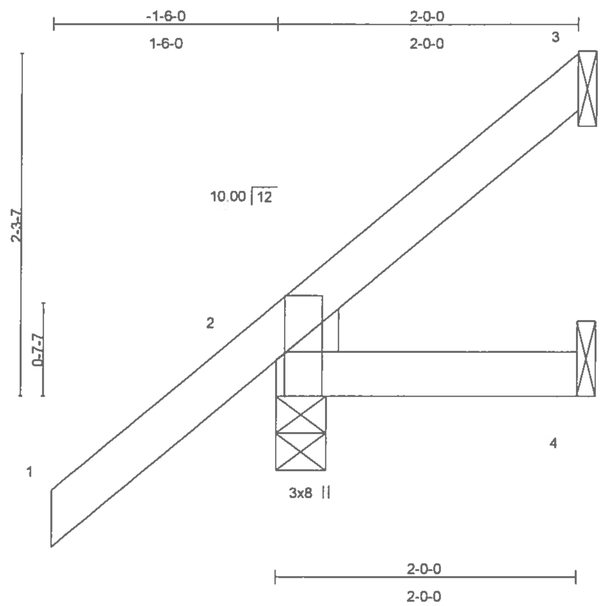
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Orchid Ray Blvd
Ocean Isle Beach, NC 28469

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:11:59 2007 Page 1



Scale = 1:14.5

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 lb	

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

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

REACTIONS (lb/size) 2=178/0-4-0, 4=10/Mechanical, 3=20/Mechanical
Max Horz 2=152(load case 6)
Max Uplift 2=-122(load case 6), 3=-38(load case 7)
Max Grav 2=178(load case 1), 4=29(load case 2), 3=26(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-60/17
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.08 and 2 = 0.00

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

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December 12,2007

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

NOTES

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

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. [illegible]
[illegible] Coastal Bay Blvd
Boynton Beach, FL [illegible]

December 12,2007

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

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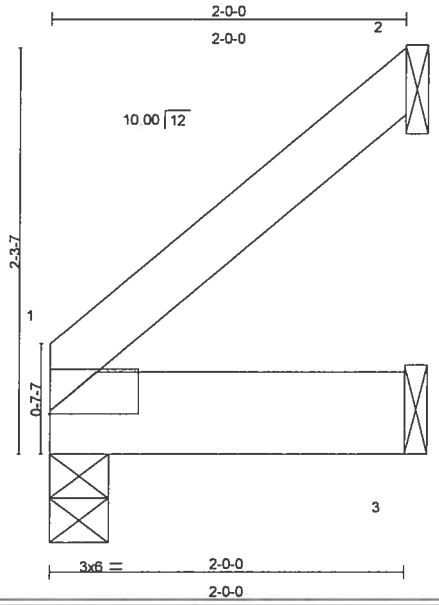

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.06	Vert(LL)	-0.00	1-3	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.00	1-3	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002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

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

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

REACTIONS (lb/size) 1=246/0-4-0, 3=193/Mechanical, 2=53/Mechanical
Max Horz 1=86(load case 5)
Max Uplift 1=-84(load case 5), 3=-88(load case 3), 2=-78(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-64/29
BOT CHORD 1-3=0/0

JOINT STRESS INDEX
1 = 0.05

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
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 84 lb uplift at joint 1, 88 lb uplift at joint 3 and 78 lb uplift at joint 2.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Coastal Bay Blvd
Ocean Ridge, FL 33435

December 12,2007

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LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 1-3=-197(F=-187)

December 12,2007

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

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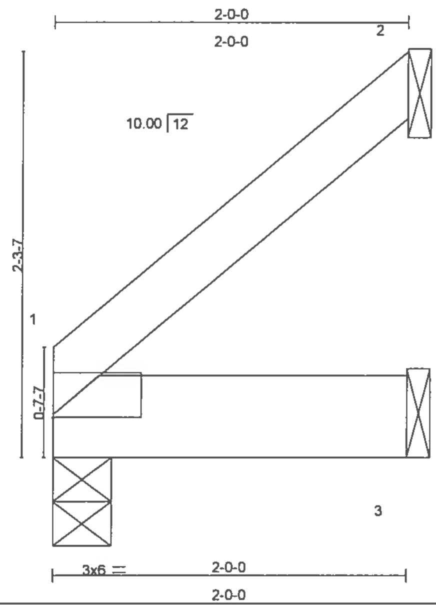
Scale = 1:12.3



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

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

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

REACTIONS (lb/size) 1=167/0-4-0, 3=115/Mechanical, 2=53/Mechanical
Max Horz 1=86(load case 5)
Max Uplift 1=-44(load case 5), 3=-48(load case 3), 2=-78(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-64/29
BOT CHORD 1-3=0/0

JOINT STRESS INDEX
1 = 0.05

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

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Continued on page 2

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 1-3=-117(F=-107)

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:01 2007 Page 1

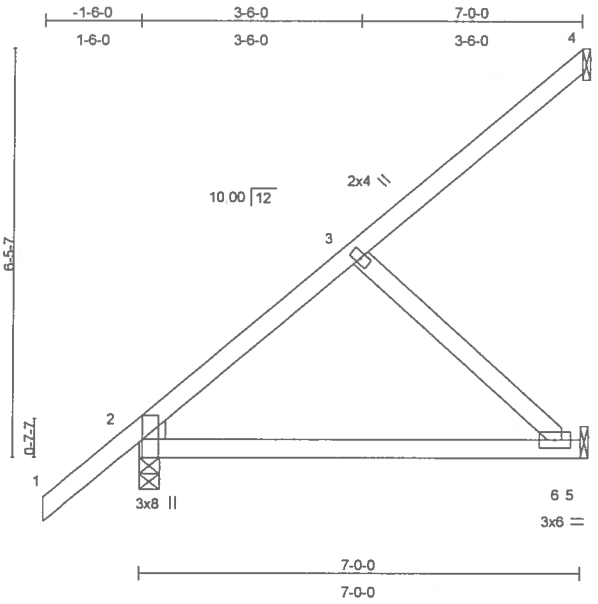

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.13	Vert(LL)	-0.07	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.12	2-6	>656	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.06	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 34 lb	

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

BRACING
TOP CHORD 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) 4=77/Mechanical, 2=318/0-4-0, 5=129/Mechanical
Max Horz 2=243(load case 6)
Max Uplift 4=-67(load case 6), 2=-55(load case 6), 5=-68(load case 6)
Max Grav 4=77(load case 1), 2=318(load case 1), 5=131(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-209/0, 3-4=-89/37
BOT CHORD 2-6=-162/114, 5-6=0/0
WEBS 3-6=-157/222

JOINT STRESS INDEX
2 = 0.65, 2 = 0.00, 3 = 0.12 and 6 = 0.08

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

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Coastal Bay Blvd
Ocean Isle Beach, NC 28469

December 12,2007

Continued on page 2

NOTES

3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 67 lb uplift at joint 4, 55 lb uplift at joint 2 and 68 lb uplift at joint 5.

LOAD CASE(S) Standard

December 12,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916249
L262253	EJ7A	MONO TRUSS	7	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:02 2007 Page 1

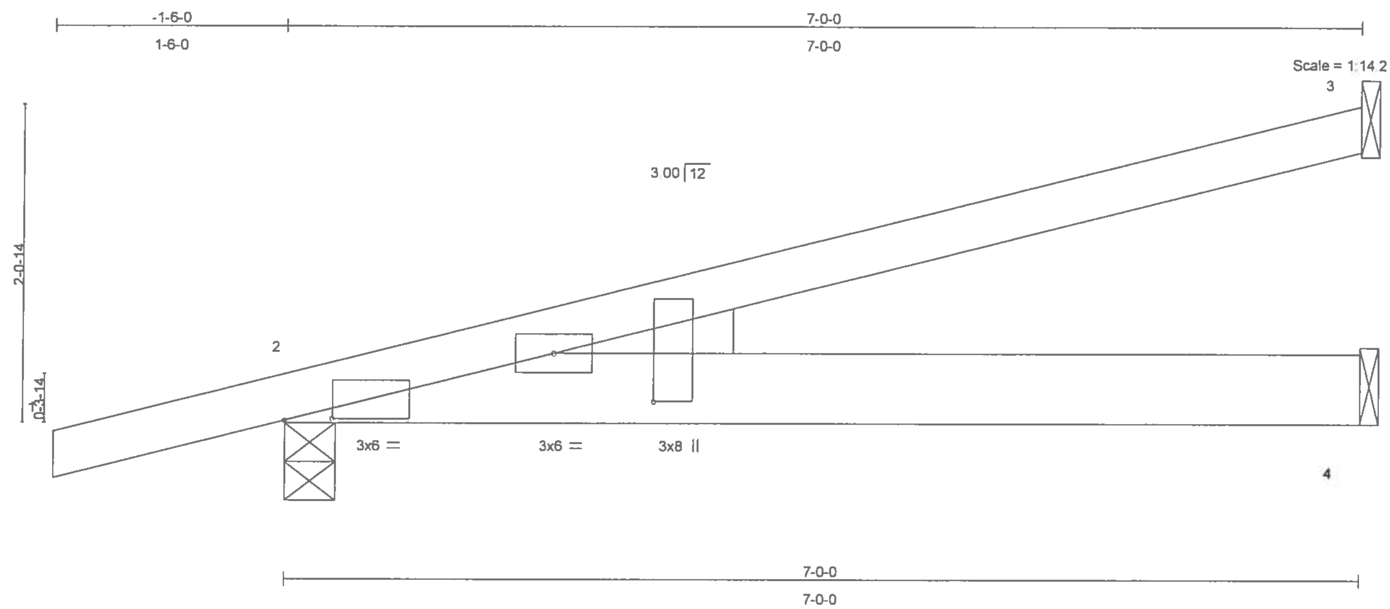

Plate Offsets (X,Y): [2:0-3-12,0-0-2], [2:0-1-8,2-4-13]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	0.10	2-4	>814	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 31 lb	

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

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

REACTIONS (lb/size) 3=145/Mechanical, 2=318/0-4-0, 4=61/Mechanical
Max Horz 2=76(load case 4)
Max Uplift 3=-70(load case 4), 2=-218(load case 4), 4=-72(load case 4)
Max Grav 3=145(load case 1), 2=318(load case 1), 4=104(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-55/26
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.81, 2 = 0.30 and 2 = 0.00

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

Continued on page 2

December 12,2007

NOTES

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

LOAD CASE(S) Standard

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:02 2007

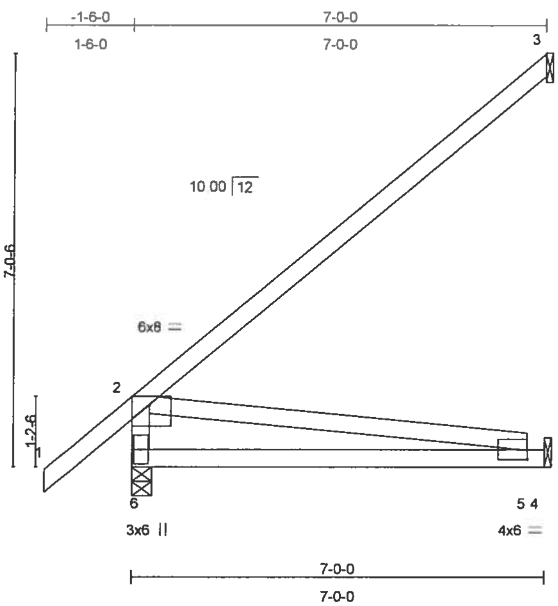

Plate Offsets (X,Y): [2:0-3-8,Edge], [5:0-0-1,0-1-15]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.69	Vert(LL)	-0.06	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.10	5-6	>781	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.22	Horz(TL)	-0.02	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 38 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-2-0 oc bracing.

REACTIONS (lb/size) 3=142/Mechanical, 6=317/0-4-0, 4=64/Mechanical
Max Horz 6=274(load case 6)
Max Uplift 3=-122(load case 6), 6=-31(load case 6), 4=-37(load case 6)
Max Grav 3=142(load case 1), 6=317(load case 1), 4=110(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/57, 2-3=-164/68, 2-6=-273/94
BOT CHORD 5-6=-604/267, 4-5=0/0
WEBS 2-5=-270/610

JOINT STRESS INDEX
2 = 0.63, 5 = 0.27 and 6 = 0.43

NOTES
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; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

December 12,2007

NOTES

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

LOAD CASE(S) Standard

December 12,2007

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

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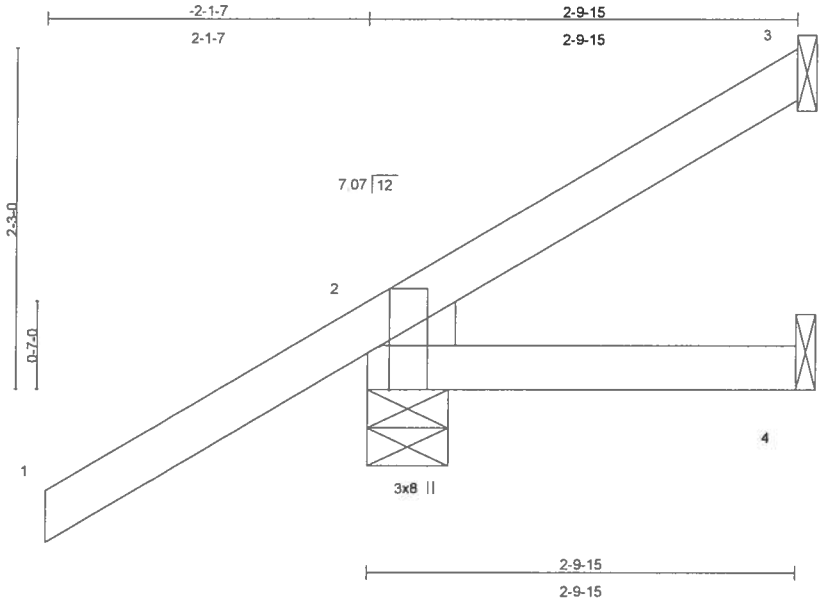

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 14 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-9-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=-28/Mechanical, 2=213/0-6-7, 4=6/Mechanical
Max Horz 2=77(load case 5)
Max Uplift 3=-28(load case 1), 2=-196(load case 5)
Max Grav 3=91(load case 3), 2=213(load case 1), 4=31(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/49, 2-3=-49/54
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.09 and 2 = 0.00

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

Julius Lee
Truss Design Engineer
Florida PE No. 34985
1109 Coastal Bay Blvd
Ocean Ridge, FL 33435

December 12,2007

Continued on page 2

NOTES

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

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-2=-54

Trapezoidal Loads (plf)

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

[illegible]

December 12,2007

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

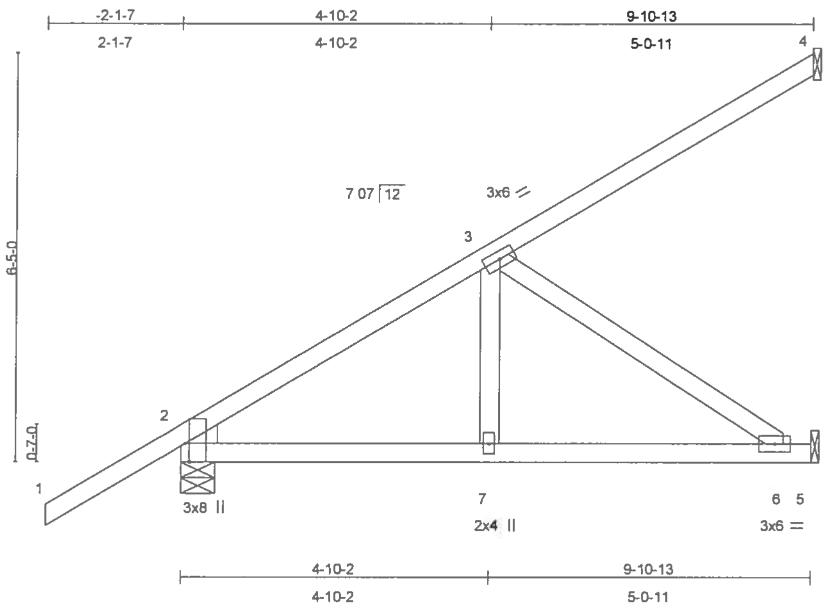

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	0.04	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.08	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.23	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 49 lb	

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

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

REACTIONS (lb/size) 4=242/Mechanical, 2=409/0-6-7, 5=253/Mechanical
Max Horz 2=431(load case 5)
Max Uplift 4=-297(load case 5), 2=-111(load case 5), 5=-160(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/49, 2-3=-420/0, 3-4=-190/90
BOT CHORD 2-7=-292/332, 6-7=-292/332, 5-6=0/0
WEBS 3-7=0/196, 3-6=-401/352

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

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

December 12,2007

Continued on page 2

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 297 lb uplift at joint 4, 111 lb uplift at joint 2 and 160 lb uplift at joint 5.

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

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-2=-54

Trapezoidal Loads (plf)

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

[illegible]

December 12,2007

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

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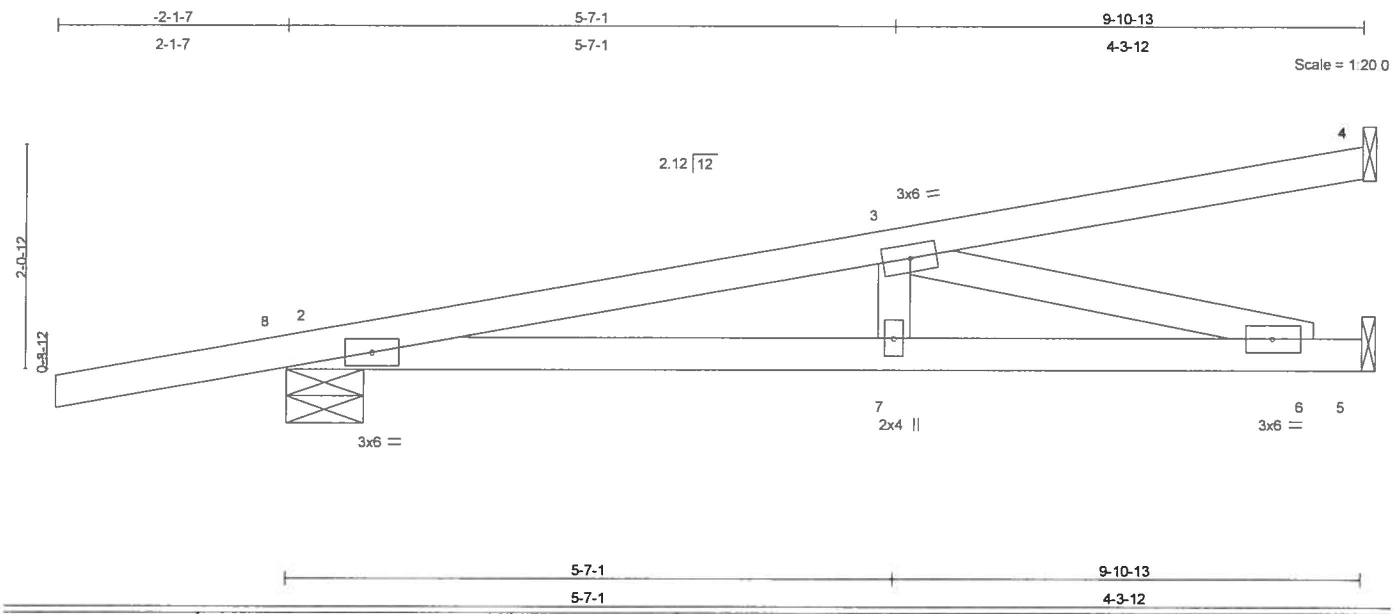

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	0.08	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.10	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.32	Horz(TL)	0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 40 lb	

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

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

REACTIONS (lb/size) 4=217/Mechanical, 2=400/0-8-8, 5=276/Mechanical
Max Horz 2=123(load case 3)
Max Uplift 4=-161(load case 3), 2=-382(load case 3), 5=-210(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-8=0/17, 2-8=0/17, 2-3=-1001/709, 3-4=-40/28
BOT CHORD 2-7=-783/970, 6-7=-783/970, 5-6=0/0
WEBS 3-7=-97/192, 3-6=-1002/809

JOINT STRESS INDEX
2 = 0.35, 3 = 0.33, 6 = 0.28 and 7 = 0.14

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

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Continued on page 2

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

NOTES

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-8=-54
   Trapezoidal Loads (plf)
      Vert: 8=0(F=27, B=27)-to-4=-134(F=-40, B=-40), 2=-1(F=5, B=5)-to-5=-25(F=-7, B=-7)

Julius Lee
Truss Design Engineer
Florida PE No. 34985
1106 Coastal Bay Blvd
Ocean Ocean, FL 33435

December 12,2007

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

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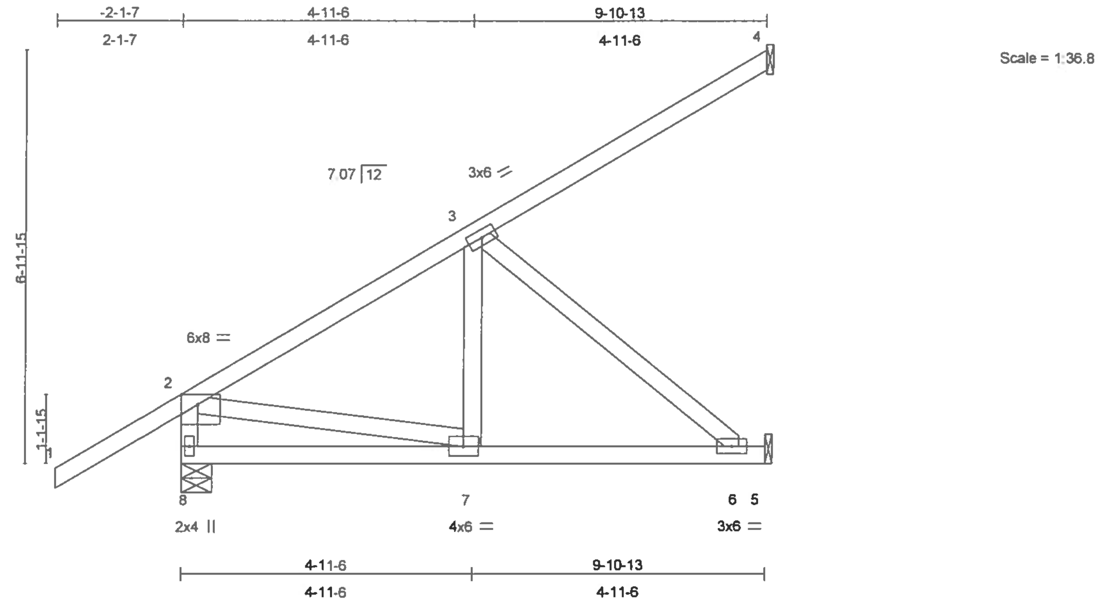

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	0.03	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.27	Vert(TL)	-0.07	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.24	Horz(TL)	-0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 57 lb	

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

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

REACTIONS (lb/size) 8=399/0-6-6, 4=235/Mechanical, 5=266/Mechanical
Max Horz 8=464(load case 5)
Max Uplift 8=-74(load case 5), 4=-289(load case 5), 5=-195(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-8=-401/88, 1-2=0/62, 2-3=-353/0, 3-4=-185/87
BOT CHORD 7-8=-197/99, 6-7=-293/293, 5-6=0/0
WEBS 2-7=-111/421, 3-7=0/167, 3-6=-382/382

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

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 74 lb uplift at joint 8, 289 lb uplift at joint 4 and 195 lb uplift at joint 5.

Continued on page 2

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

December 12,2007

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

NOTES

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

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-2=-54

Trapezoidal Loads (plf)

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

December 12,2007

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

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Scale = 1:18.2

Note: A single ply Piggyback must be attached to a single ply of a multi ply supporting truss.
Engineer of Record to specify any additional required connections.

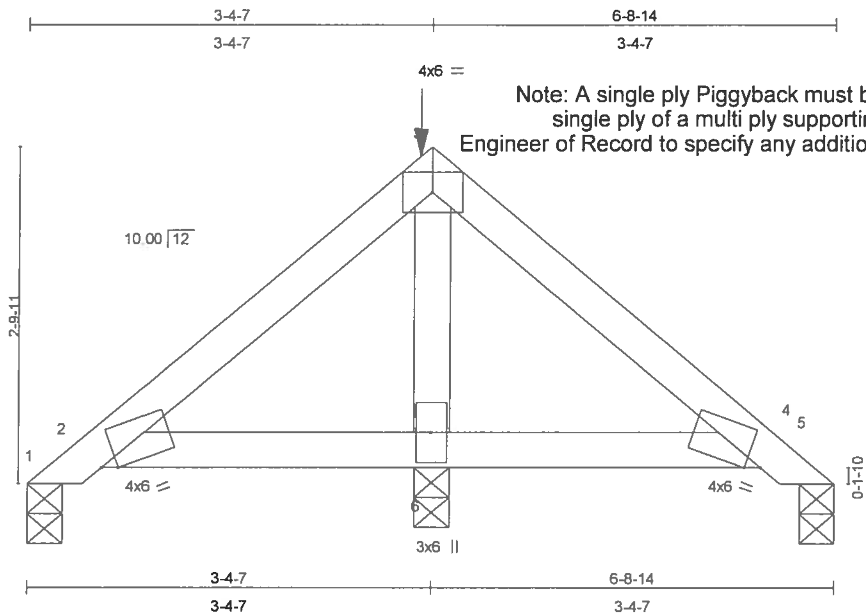

Plate Offsets (X,Y): [2:0-1-9,Edge], [4:0-1-9,Edge]

LOADING (psf)		SPACING	6-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.31	Vert(LL)	-0.01	4-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.00	BC	0.34	Vert(TL)	-0.02	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.40	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 24 lb	

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

BRACING
TOP CHORD 2-0-0 oc purlins (6-0-0 max.)
(Switched from sheeted: Spacing > 2-0-0).
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 3

REACTIONS (lb/size) 1=213/0-3-8, 6=2080/0-3-8, 5=213/0-3-8
Max Horz 1=-224(load case 4)
Max Uplift 1=-50(load case 7), 6=-544(load case 6), 5=-81(load case 4)
Max Grav 1=269(load case 10), 6=2080(load case 1), 5=269(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-193/217, 2-3=-144/219, 3-4=-144/219, 4-5=-154/69
BOT CHORD 2-6=-38/213, 4-6=-38/213
WEBS 3-6=-1849/1094

JOINT STRESS INDEX
2 = 0.81, 3 = 0.78, 4 = 0.81 and 6 = 0.38

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live 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 designer should verify capacity of bearing surface.

December 12,2007

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

NOTES

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

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-199, 2-3=-162, 3-4=-162, 4-5=-199, 2-4=-30
   Concentrated Loads (lb)
   Vert: 3=-1260(F)

Julius Lee
Truss Design Engineer
Florida PE No. 34927
1106 Coastal Bay Blvd
Ocean Ridge, FL 33435

December 12,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916256
L262253	PB1A	HIP PIGGYBACK	1	1	Job Reference (optional)

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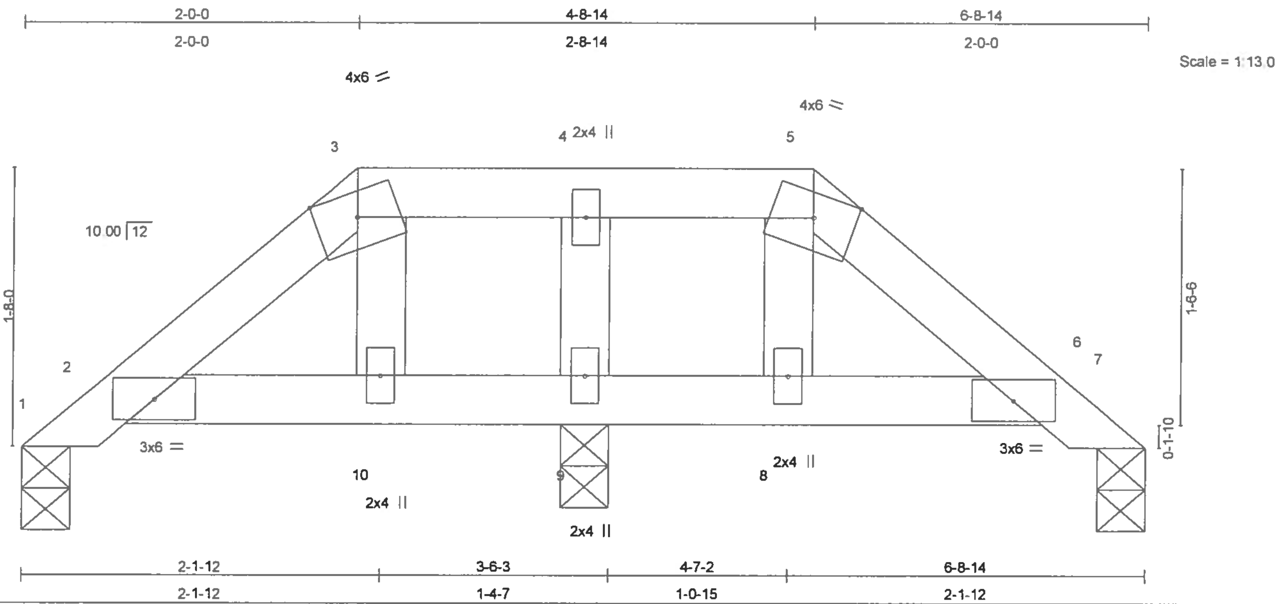

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.07	Vert(LL)	-0.00	8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	6-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 24 lb	

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

BRACING
TOP CHORD 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=95/0-3-8, 9=224/0-3-8, 7=95/0-3-8
Max Horz 1=44(load case 5)
Max Uplift 1=-20(load case 6), 9=-59(load case 5), 7=-26(load case 7)
Max Grav 1=98(load case 10), 9=224(load case 1), 7=98(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-56/42, 2-3=-65/51, 3-4=-36/67, 4-5=-36/67, 5-6=-65/51, 6-7=-56/42
BOT CHORD 2-10=-16/39, 9-10=-13/36, 8-9=-13/36, 6-8=-14/39
WEBS 3-10=-25/31, 5-8=-25/31, 4-9=-126/114

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

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

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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916256
L262253	PB1A	HIP PIGGYBACK	1	1	Job Reference (optional)

NOTES

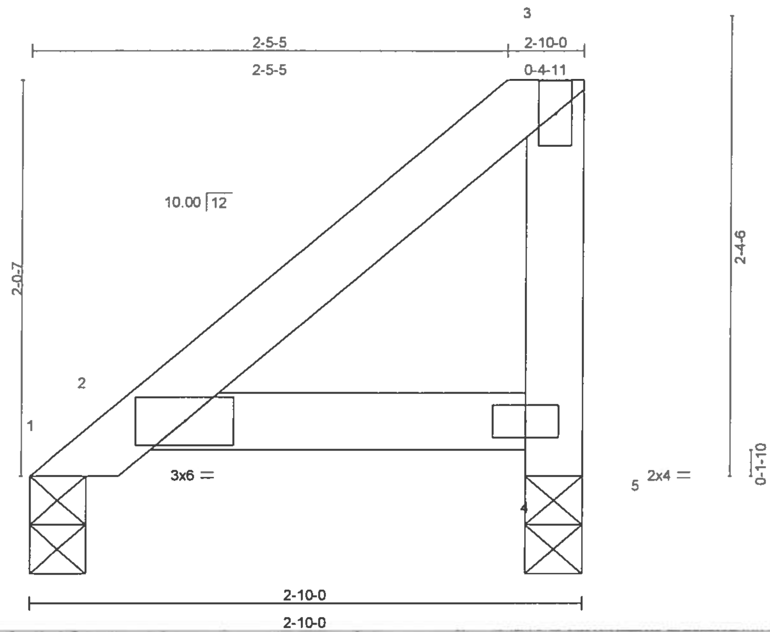
6) Bearing at joint(s) 1, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 20 lb uplift at joint 1, 59 lb uplift at joint 9 and 26 lb uplift at joint 7.
8) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. [illegible]
1109 Coastal Bay Blvd
Boynton Beach, FL [illegible]

December 12,2007

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



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.09	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 lb	

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

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

REACTIONS (lb/size) 1=82/0-3-8, 5=82/0-3-8
Max Horz 1=68(load case 6)
Max Uplift 5=-51(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-86/0, 2-3=-48/17, 4-5=-82/91, 3-4=-49/71
BOT CHORD 2-4=-23/20

JOINT STRESS INDEX
2 = 0.21, 3 = 0.29 and 4 = 0.19

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

Continued on page 2

December 12,2007

NOTES

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

LOAD CASE(S) Standard

[illegible]

December 12,2007

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

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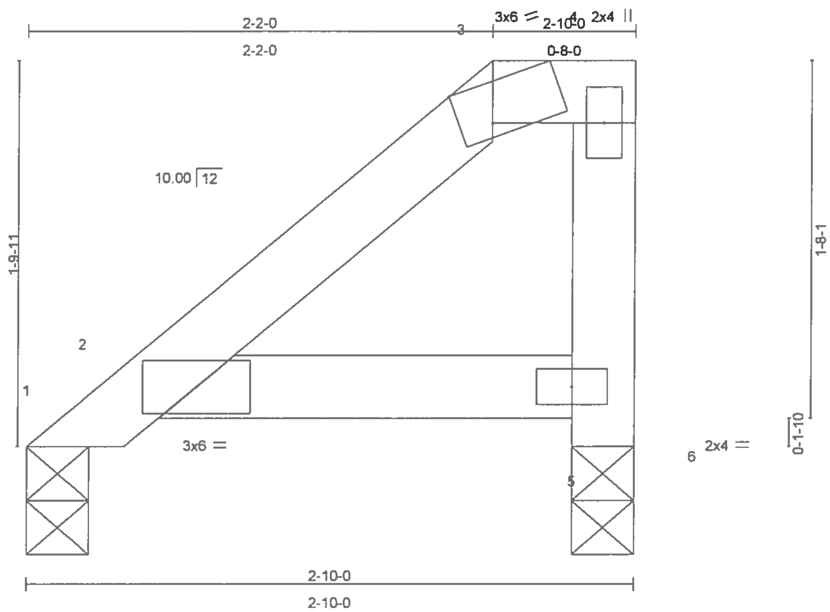

Plate Offsets (X,Y): [3:0-1-13,Edge]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.08	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 10 lb	

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

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

REACTIONS (lb/size) 1=82/0-3-8, 6=82/0-3-8
Max Horz 1=55(load case 6)
Max Uplift 1=-2(load case 6), 6=-36(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-60/0, 2-3=-56/2, 3-4=-27/31, 5-6=-82/87, 4-5=-50/67
BOT CHORD 2-5=-31/27

JOINT STRESS INDEX
2 = 0.19, 3 = 0.02, 4 = 0.25 and 5 = 0.21

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

Continued on page 2

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

NOTES

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

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Channel Bay Blvd
Destin, FL 32541

December 12,2007

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

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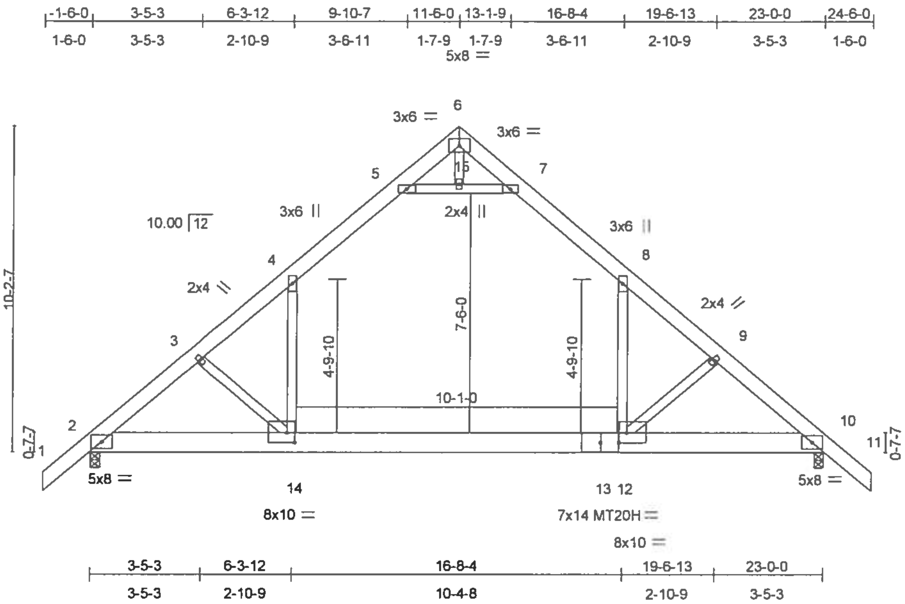

Plate Offsets (X,Y): [12:0-2-14,0-3-11], [14:0-2-14,0-3-11]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.84	Vert(LL)	-0.35	12-14	>774	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.50	Vert(TL)	-0.60	12-14	>456	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.60	Horz(TL)	0.02	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 184 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1439/0-3-8, 10=1439/0-3-8
Max Horz 2=-265(load case 4)
Max Uplift 2=-70(load case 6), 10=-70(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-2078/181, 3-4=-1896/169, 4-5=-1117/246, 5-6=-40/653, 6-7=-40/653, 7-8=-1117/246, 8-9=-1896/169, 9-10=-2078/181, 10-11=0/53
BOT CHORD 2-14=0/1552, 13-14=0/1177, 12-13=0/1177, 10-12=0/1552
WEBS 5-15=-2079/382, 7-15=-2079/382, 4-14=0/1047, 8-12=0/1047, 3-14=-516/198, 9-12=-516/198, 6-15=-3/122

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

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

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NOTES

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

LOAD CASE(S) Standard

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

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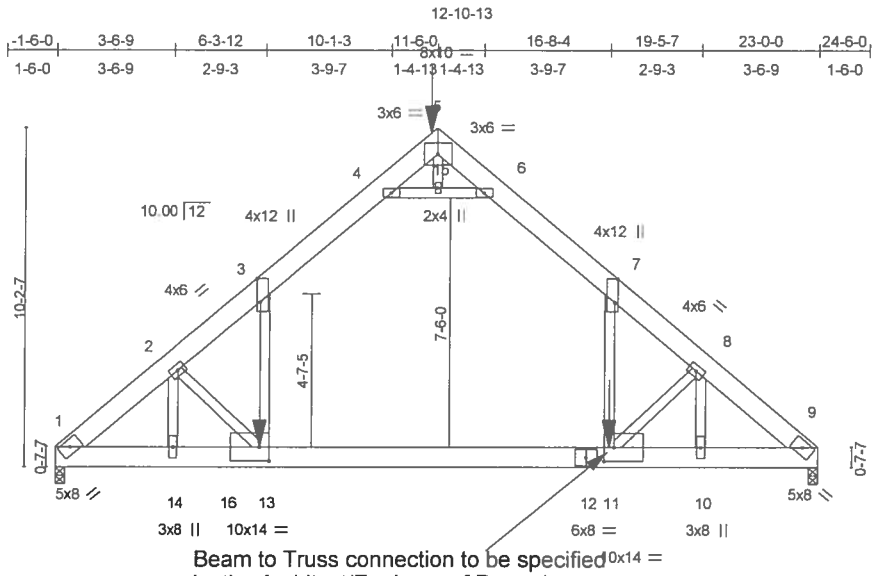

Scale = 1:65.5

Beam to Truss connection to be specified by the Architect/Engineer of Record.

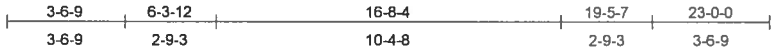

Plate Offsets (X,Y): [3:0-8-8,Edge], [7:0-8-8,Edge], [11:0-3-8,0-5-0], [13:0-3-8,0-5-0]

LOADING (psf)		SPACING 2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase 1.00	TC 0.92	Vert(LL)	-0.22	11-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase 1.00	BC 0.61	Vert(TL)	-0.40	11-13	>681	240		
BCLL	10.0	* Rep Stress Incr NO	WB 0.55	Horz(TL)	0.03	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002	(Matrix)						Weight: 800 lb	

LUMBER
TOP CHORD 2 X 8 SYP 2400F 2.0E
BOT CHORD 2 X 8 SYP No.1D
WEBS 2 X 4 SYP No.3 *Except*
3-13 2 X 4 SYP No.2, 7-11 2 X 4 SYP No.2

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

REACTIONS (lb/size) 1=8903/0-3-8, 9=5485/0-3-8
Max Horz 1=-264(load case 3)
Max Uplift 1=-2088(load case 5), 9=-1142(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-11891/2752, 2-3=-9793/2129, 3-4=-4540/1027, 4-5=-717/3217, 5-6=-587/2745, 6-7=-5013/1157, 7-8=-8824/1861, 8-9=-8049/1692
BOT CHORD 1-14=-2233/9341, 14-16=-2248/9381, 13-16=-2248/9381, 12-13=-1140/5655, 11-12=-1140/5655, 10-11=-1268/6238, 9-10=-1272/6264
WEBS 4-15=-10327/2325, 6-15=-10327/2325, 3-13=-1839/8140, 7-11=-1209/5863, 2-14=-878/2517, 8-10=-1622/309, 2-13=-5475/1598, 8-11=-979/357, 5-15=-250/1193

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

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Continued on page 2

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

NOTES

1) 4-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.
   Bottom chords connected as follows: 2 X 8 - 3 rows at 0-4-0 oc.
   Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, Except member 13-3 2 X 4 - 2 rows at 0-6-0 oc.
   Attach 2x6 and larger chords with 1/2 inch diameter thru bolts (ASTM a-307) with washers at 2-0-0 on center staggered 1-0-0. Refer to drawing CNBOLTSP1103 for additional bolt spacing information.
   NOTE: Do not drill bolt holes through connector plates.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
5) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-15, 6-15; Wall dead load (5.0psf) on member(s).3-13, 7-11
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 11-13
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2088 lb uplift at joint 1 and 1142 lb uplift at joint 9.

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-16=-701(F=-691), 13-16=-10, 11-13=-110, 9-11=-10, 1-3=-54, 3-4=-64, 4-5=-54, 5-6=-54, 6-7=-64, 7-9=-54, 4-6=-10
      Drag: 3-13=-10, 7-11=-10
   Concentrated Loads (lb)
      Vert: 5=-680(F) 13=-4554(F) 11=-2986(F)

[illegible]

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

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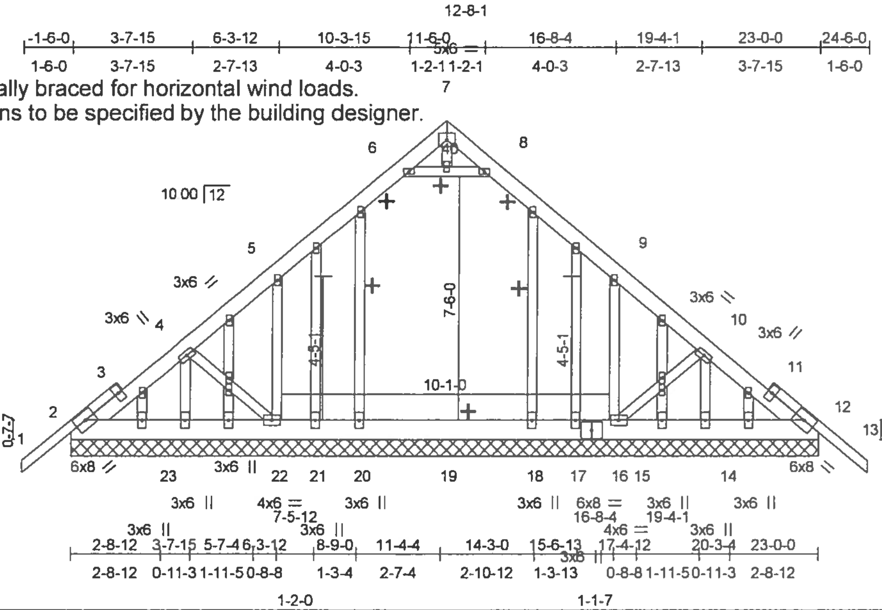
+ Member must be laterally braced for horizontal wind loads.
Bracing and connections to be specified by the building designer.



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.00	19	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.00	14	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.07	Horz(TL)	0.01	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 232 lb	

LUMBER

TOP CHORD 2 X 6 SYP No.1D *Except*
1-3 2 X 4 SYP No.1D, 11-13 2 X 4 SYP No.1D
BOT CHORD 2 X 8 SYP No.1D
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

BRACING

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

REACTIONS (lb/size) 2=518/0-3-8, 12=518/0-3-8, 22=483/0-3-8, 15=483/0-3-8, 20=240/0-3-8, 21=109/0-3-8, 18=240/0-3-8, 17=109/0-3-8, 19=313/0-3-8, 23=58/0-3-8, 14=58/0-3-8
Max Horz 2=326(load case 5)
Max Uplift 2=-168(load case 6), 12=-173(load case 7), 22=-291(load case 6), 15=-288(load case 7)
Max Grav 2=518(load case 1), 12=518(load case 1), 22=505(load case 11), 15=505(load case 12), 20=240(load case 10), 21=109(load case 1), 18=240(load case 10), 17=109(load case 1), 19=313(load case 1), 23=112(load case 2), 14=112(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/59, 2-3=-548/95, 3-4=-488/100, 4-5=-403/113, 5-6=-459/187, 6-7=-112/34, 7-8=-112/41, 8-9=-459/187, 9-10=-403/99, 10-11=-488/87, 11-12=-548/79, 12-13=0/59
BOT CHORD 2-23=-114/375, 22-23=-114/375, 21-22=-58/277, 20-21=-58/277, 19-20=-58/277, 18-19=-58/277, 17-18=-58/277, 16-17=-58/277, 15-16=-58/277, 14-15=-48/375, 12-14=-48/375
WEBS 6-40=-224/237, 8-40=-224/237, 5-22=-339/260, 9-15=-339/253, 4-22=-132/146, 10-15=-132/150, 7-40=-3/31

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JOINT STRESS INDEX

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

NOTES

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 2-22=-10, 15-22=-110, 12-15=-10, 1-5=-64(F=-10), 5-6=-74(F=-10), 6-7=-64(F=-10), 7-8=-64(F=-10), 8-9=-74(F=-10), 9-13=-64(F=-10), 6-8=-10
      Drag: 5-22=-10, 9-15=-10

[illegible]

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

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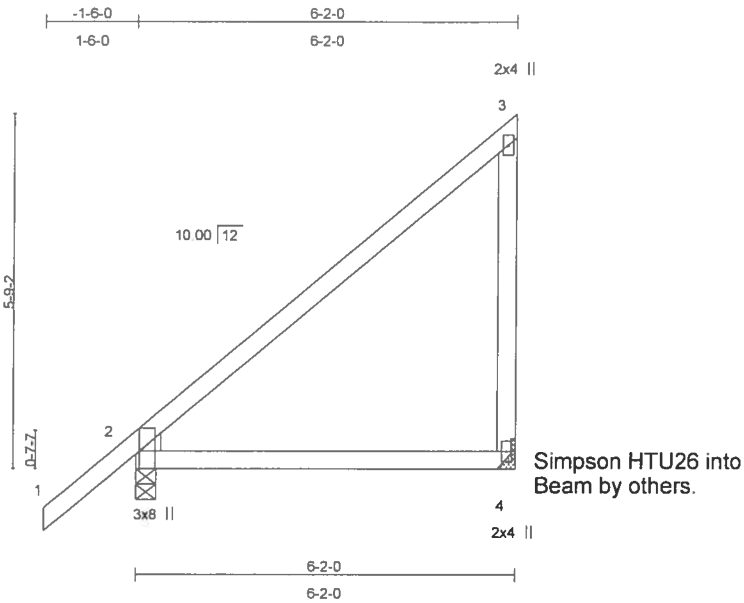

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.06	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.11	2-4	>651	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 32 lb	

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

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

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

REACTIONS (lb/size) 2=290/0-4-0, 4=175/Mechanical
Max Horz 2=307(load case 6)
Max Uplift 2=-94(load case 6), 4=-185(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-182/76
BOT CHORD 2-4=0/0
WEBS 3-4=-145/221

JOINT STRESS INDEX
2 = 0.16, 2 = 0.00, 3 = 0.11 and 4 = 0.12

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

Continued on page 2

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

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NOTES

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

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint 2 and 185 lb uplift at joint 4.

LOAD CASE(S) Standard

[illegible]

December 12,2007

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

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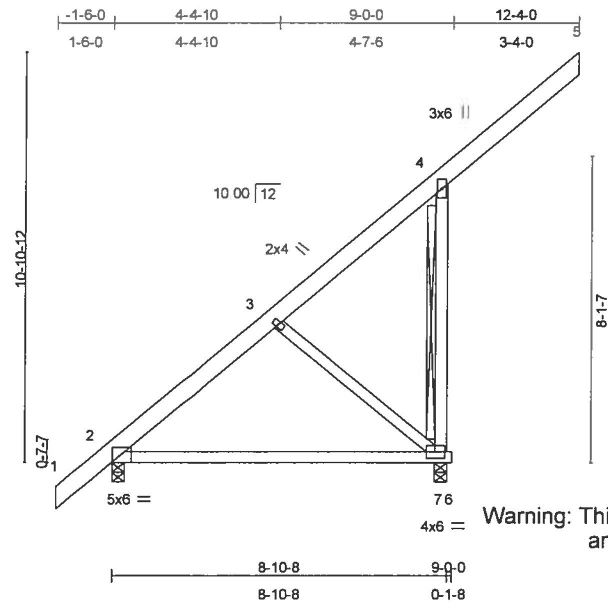
Scale = 1:57.7



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

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	-0.10	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.18	2-7	>583	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 75 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

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 - 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) 7=505/0-4-0, 2=331/0-4-0
Max Horz 2=370(load case 6)
Max Uplift 7=-376(load case 5), 2=-3(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/49, 2-3=-527/41, 3-4=-522/120, 4-5=-125/0, 4-7=-383/728
BOT CHORD 2-7=-85/100, 6-7=0/0
WEBS 3-7=-128/121

JOINT STRESS INDEX
2 = 0.68, 3 = 0.06, 4 = 0.38 and 7 = 0.34

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

NOTES

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

LOAD CASE(S) Standard

[illegible]

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 12:52:03 2007 Page 1

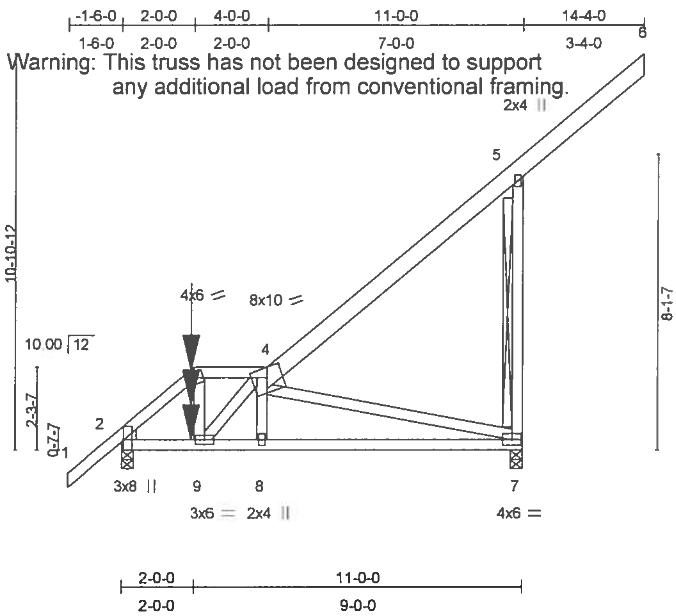

Plate Offsets (X,Y): [2:0-3-8,Edge], [4:0-5-0,0-3-5]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	-0.06	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.10	7-8	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.48	Horz(TL)	0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 89 lb	

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

BRACING
TOP CHORD 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 - 5-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 7=586/0-4-0, 2=555/0-4-0
Max Horz 2=365(load case 5)
Max Uplift 7=-338(load case 4), 2=-89(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-536/101, 3-4=-352/64, 4-5=-295/138, 5-6=-120/0, 5-7=-409/364
BOT CHORD 2-9=-209/330, 8-9=-131/519, 7-8=-134/514
WEBS 3-9=-39/261, 4-9=-244/0, 4-7=-530/141, 4-8=0/219

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

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

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Continued on page 2

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 338 lb uplift at joint 7 and 89 lb uplift at joint 2.

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

LOAD CASE(S) Standard

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

Uniform Loads (plf)

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

Concentrated Loads (lb)

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

[illegible]

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

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:15 2007 Page 1

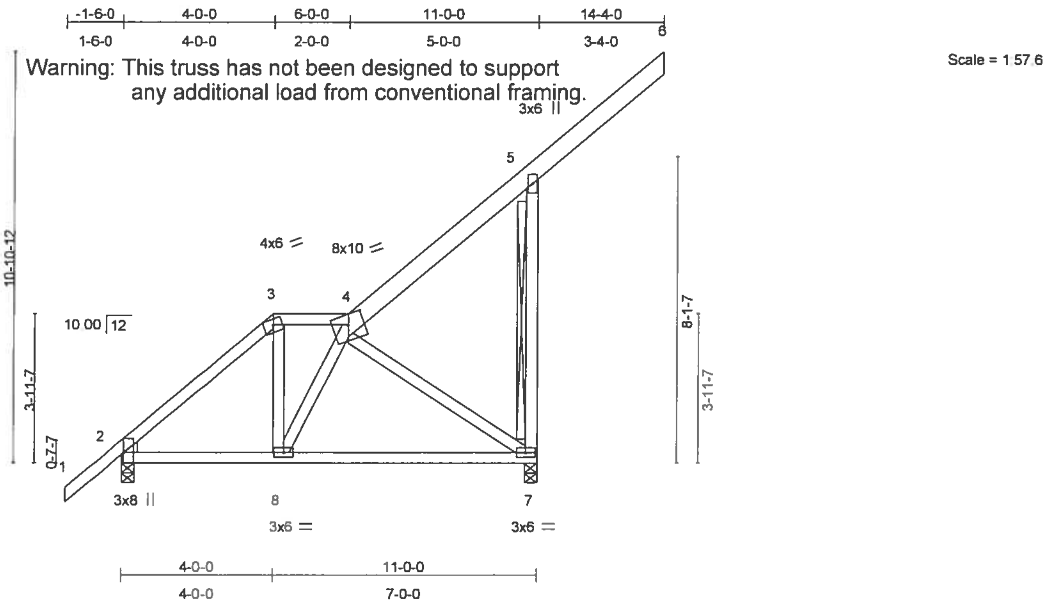

Plate Offsets (X,Y): [2:0-3-8,Edge], [4:0-5-0,0-3-5]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.05	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	-0.08	7-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.15	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 87 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except*
4-6 2 X 6 SYP No.1D
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 4 SYP No.3

BRACING

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 - 5-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 7=553/0-4-0, 2=408/0-4-0
Max Horz 2=365(load case 6)
Max Uplift 7=-331(load case 5), 2=-18(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-362/30, 3-4=-210/10, 4-5=-487/124, 5-6=-120/0, 5-7=-383/681
BOT CHORD 2-8=-245/208, 7-8=-69/190
WEBS 3-8=-23/371, 4-8=-380/82, 4-7=-237/91

JOINT STRESS INDEX

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

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Continued on page 2

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

NOTES

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

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No 34985
1104 Coastal Bay Blvd
Ocean Isle Beach, NC 28469

December 12,2007

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

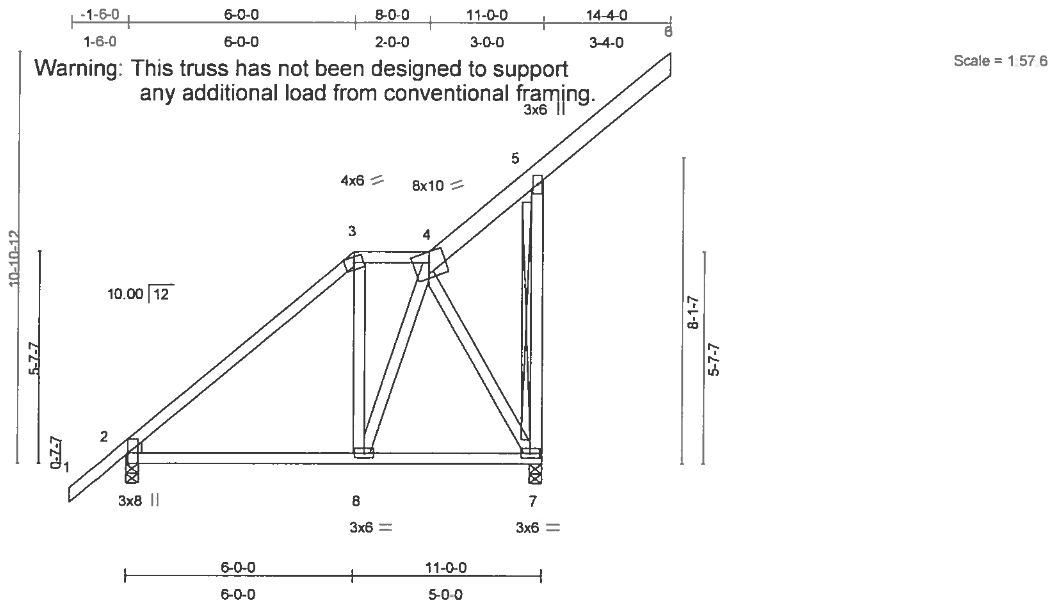

Plate Offsets (X,Y): [2:0-3-8,Edge], [4:0-5-0,0-3-5]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	-0.03	2-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.05	2-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.29	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 89 lb	

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

BRACING
TOP CHORD 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 - 5-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 7=553/0-4-0, 2=408/0-4-0
Max Horz 2=338(load case 6)
Max Uplift 7=-347(load case 7), 2=-27(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-339/0, 3-4=-160/0, 4-5=-497/130, 5-6=-120/0, 5-7=-390/716
BOT CHORD 2-8=-189/166, 7-8=-43/78
WEBS 3-8=-157/510, 4-8=-529/250, 4-7=-172/85

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

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

NOTES

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

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. [illegible]
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

December 12,2007

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

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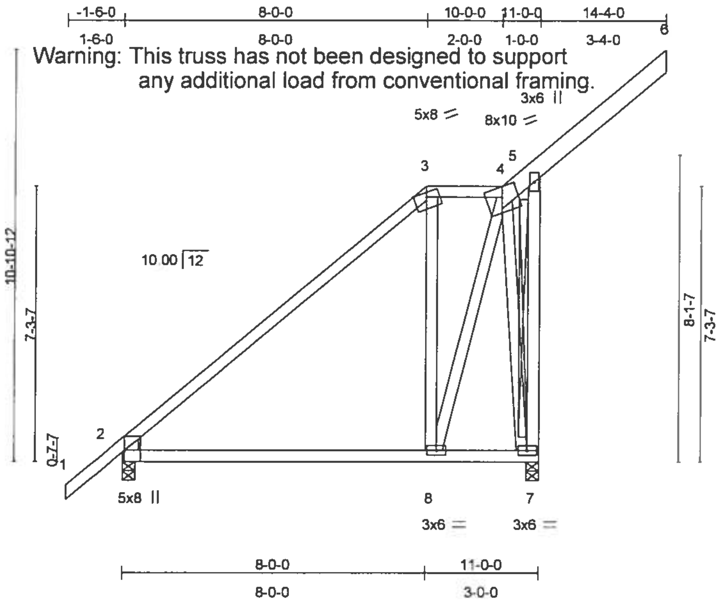

Plate Offsets (X,Y): [2:0-3-8,Edge], [4:0-5-0,0-3-5]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	0.11	2-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.18	2-8	>698	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.59	Horz(TL)	-0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 94 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 7=553/0-4-0, 2=408/0-4-0
Max Horz 2=358(load case 6)
Max Uplift 7=-374(load case 5), 2=-19(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-376/29, 3-4=-113/0, 4-5=-645/226, 5-6=-120/0, 5-7=-591/1059
BOT CHORD 2-8=-128/117, 7-8=-19/49
WEBS 3-8=-323/600, 4-8=-641/460, 4-7=-312/128

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

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

NOTES

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

LOAD CASE(S) Standard

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:17 2007 Page 1

Scale = 1:56.6

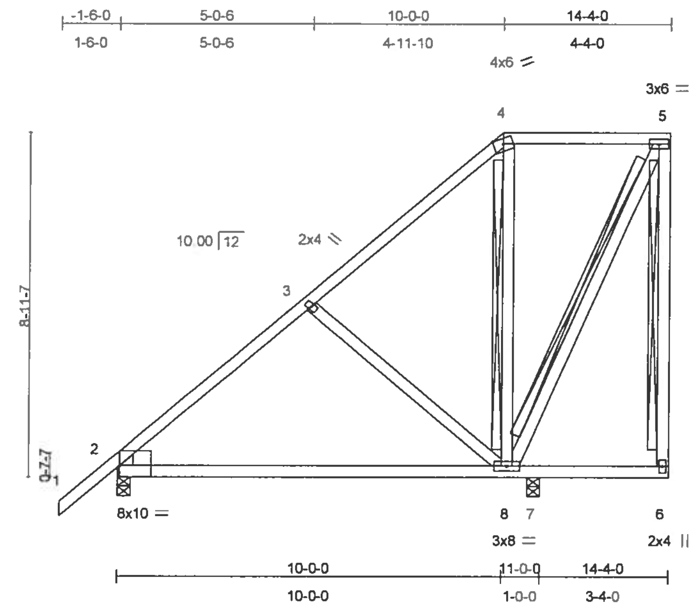

Plate Offsets (X,Y): [2:0-0-1,Edge]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.23	2-8	>561	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.43	2-8	>295	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.18	Horz(TL)	-0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 99 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-6, 4-8, 5-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=405/0-4-0, 7=583/0-4-0
Max Horz 2=327(load case 6)
Max Uplift 2=-56(load case 6), 7=-295(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-280/0, 3-4=-177/86, 4-5=-37/10, 5-6=-87/33
BOT CHORD 2-8=-183/169, 7-8=-7/3, 6-7=-7/3
WEBS 3-8=-222/279, 4-8=-271/312, 5-8=-30/82

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

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Continued on page 2

NOTES

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

LOAD CASE(S) Standard

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:17 2007 Page 1

Scale = 1:66.9

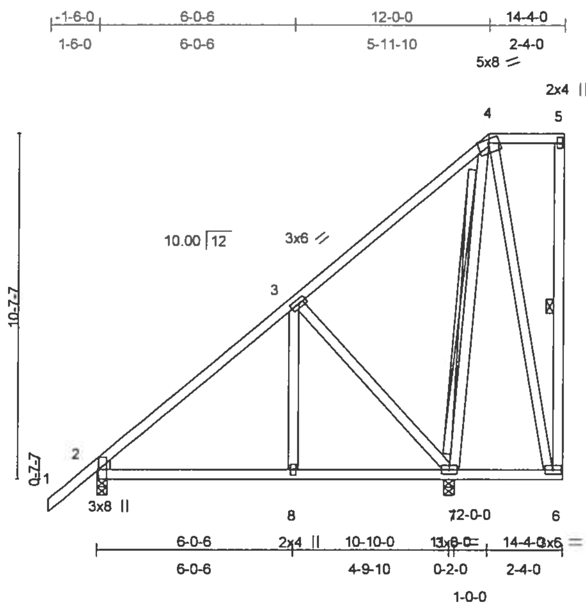

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.03	2-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.05	2-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.28	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 115 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-6
T-Brace: 2 X 4 SYP No.3 - 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=413/0-4-0, 7=574/0-4-0
Max Horz 2=380(load case 6)
Max Uplift 2=-12(load case 6), 7=-300(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-335/0, 3-4=-222/141, 4-5=-1/1, 5-6=-42/41
BOT CHORD 2-8=-163/176, 7-8=-163/176, 6-7=-11/11
WEBS 3-8=0/182, 3-7=-306/314, 4-7=-309/410, 4-6=-56/54

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

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

Continued on page 2

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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; cantilever right exposed ; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 12 lb uplift at joint 2 and 300 lb uplift at joint 7.

LOAD CASE(S) Standard

[illegible]

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:18 2007 Page 1

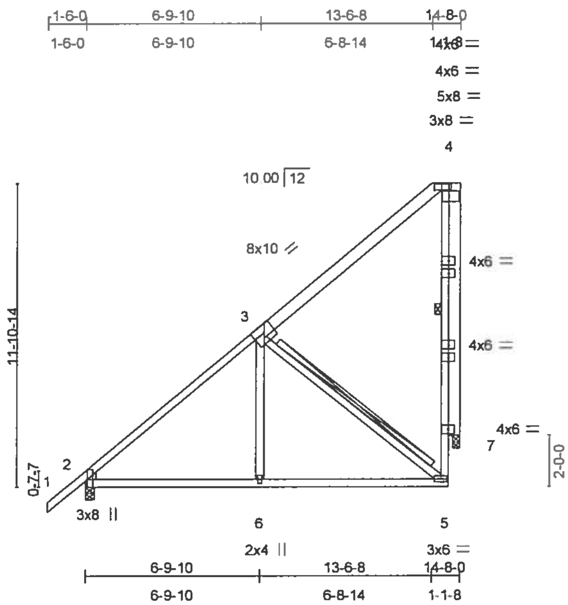

Plate Offsets (X,Y): [2:0-3-8,Edge], [4:0-3-2,0-0-13], [4:0-3-4,0-0-1]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.05	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.09	5-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.19	Horz(TL)	-0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 122 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-5
T-Brace: 2 X 4 SYP No.3 - 3-5
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=540/0-4-0, 7=447/0-3-8
Max Horz 2=426(load case 6)
Max Uplift 2=-39(load case 6), 7=-280(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-515/0, 3-4=-155/96, 5-7=-224/274, 4-7=-173/204
BOT CHORD 2-6=-300/303, 5-6=-301/300
WEBS 3-6=0/240, 3-5=-375/379

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916270
L262253	T10	MONO HIP	1	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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 39 lb uplift at joint 2 and 280 lb uplift at joint 7.

LOAD CASE(S) Standard

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:19 2007 Page 1

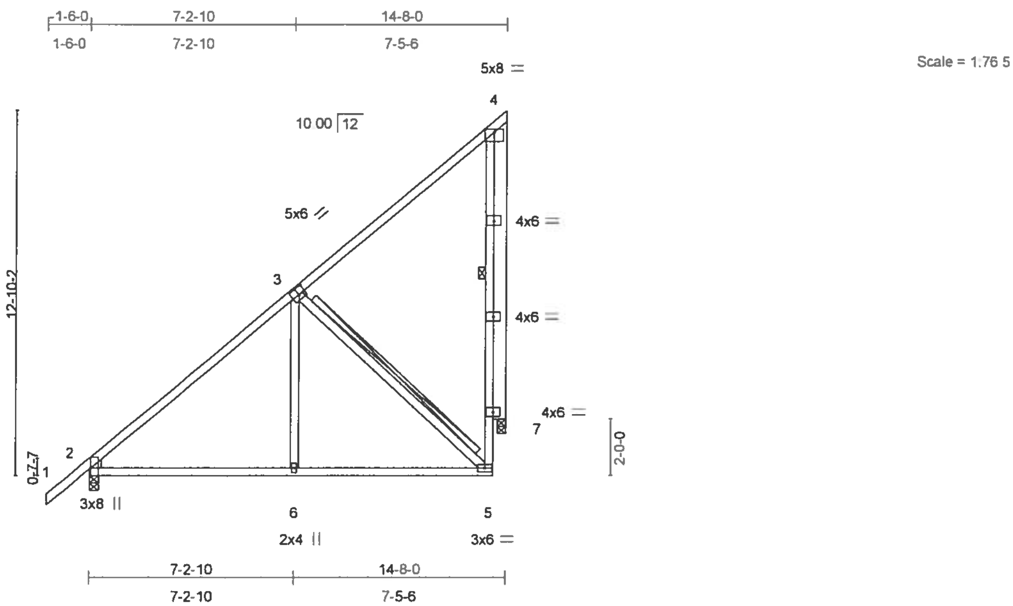

Plate Offsets (X,Y): [2:0-3-8,Edge], [3:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	0.07	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.10	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.19	Horz(TL)	-0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 118 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-5
T-Brace: 2 X 4 SYP No.3 - 3-5
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=540/0-4-0, 7=447/0-3-8
Max Horz 2=438(load case 6)
Max Uplift 2=-29(load case 6), 7=-290(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-504/0, 3-4=-157/94, 5-7=-237/283, 4-7=-164/206
BOT CHORD 2-6=-290/288, 5-6=-290/287
WEBS 3-6=0/241, 3-5=-373/375

JOINT STRESS INDEX
2 = 0.59, 2 = 0.00, 3 = 0.47, 4 = 0.80, 5 = 0.63, 6 = 0.17, 7 = 0.00, 7 = 0.18, 7 = 0.18 and 7 = 0.18

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

NOTES

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

LOAD CASE(S) Standard

December 12,2007

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

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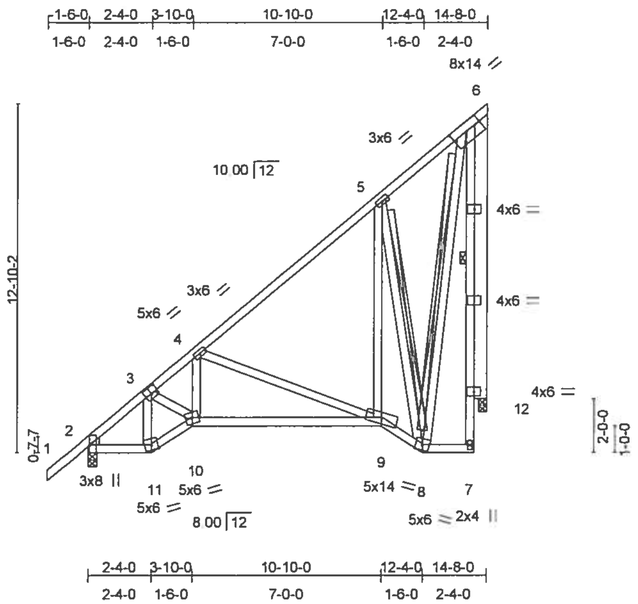

Plate Offsets (X,Y): [2:0-3-8,Edge], [3:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.05	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.11	9-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.37	Horz(TL)	-0.02	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 159 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-7
T-Brace: 2 X 4 SYP No.3 - 5-8, 6-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=540/0-4-0, 12=452/0-3-8
Max Horz 2=440(load case 6)
Max Uplift 2=-27(load case 6), 12=-294(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-525/0, 3-4=-654/105, 4-5=-320/0, 5-6=-170/37, 7-12=0/34, 6-12=-437/451
BOT CHORD 2-11=-377/315, 10-11=-433/387, 9-10=-563/534, 8-9=-180/206, 7-8=-6/6
WEBS 3-11=-228/248, 3-10=-246/288, 4-10=-60/242, 4-9=-404/437, 5-9=-211/368, 5-8=-553/537, 6-8=-439/437

JOINT STRESS INDEX
2 = 0.29, 2 = 0.00, 3 = 0.12, 4 = 0.20, 5 = 0.30, 6 = 0.08, 7 = 0.11, 8 = 0.26, 9 = 0.43, 10 = 0.63, 11 = 0.11, 12 = 0.00, 12 = 0.18, 12 = 0.18 and 12 = 0.18

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

NOTES

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

LOAD CASE(S) Standard

[illegible]

December 12,2007

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

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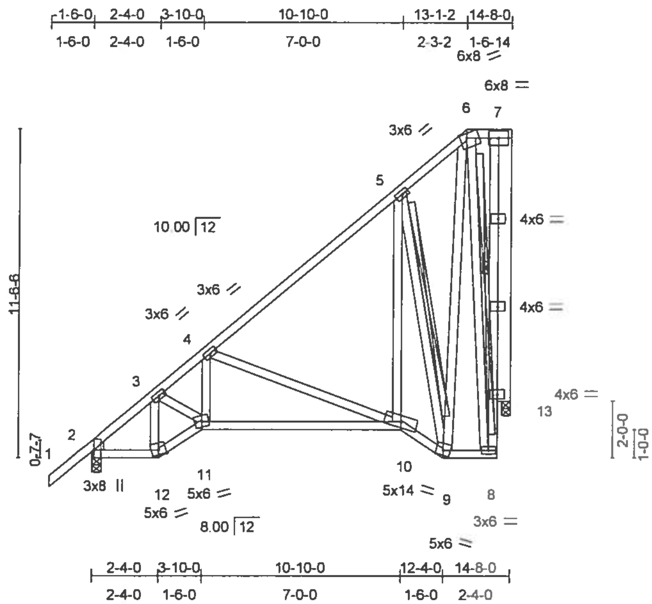

Plate Offsets (X,Y): [2:0-3-8,Edge], [6:0-2-13,Edge]

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

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-6-0 oc bracing.
WEBS 1 Row at midpt 7-8
T-Brace: 2 X 4 SYP No.3 - 5-9, 6-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=540/0-4-0, 13=447/0-3-8
Max Horz 2=410(load case 6)
Max Uplift 2=-53(load case 6), 13=-254(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-524/0, 3-4=-657/153, 4-5=-321/0, 5-6=-168/84, 6-7=-6/6, 8-13=-303/333, 7-13=-114/113
BOT CHORD 2-12=-370/314, 11-12=-417/378, 10-11=-556/533, 9-10=-181/207, 8-9=-31/32
WEBS 3-12=-223/240, 3-11=-247/288, 4-11=-56/242, 4-10=-402/430, 5-10=-210/368, 5-9=-561/545, 6-9=-421/419, 6-8=-301/289

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

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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) Bearing at joint(s) 13 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 53 lb uplift at joint 2 and 254 lb uplift at joint 13.

LOAD CASE(S) Standard

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:22 2007 Page 1

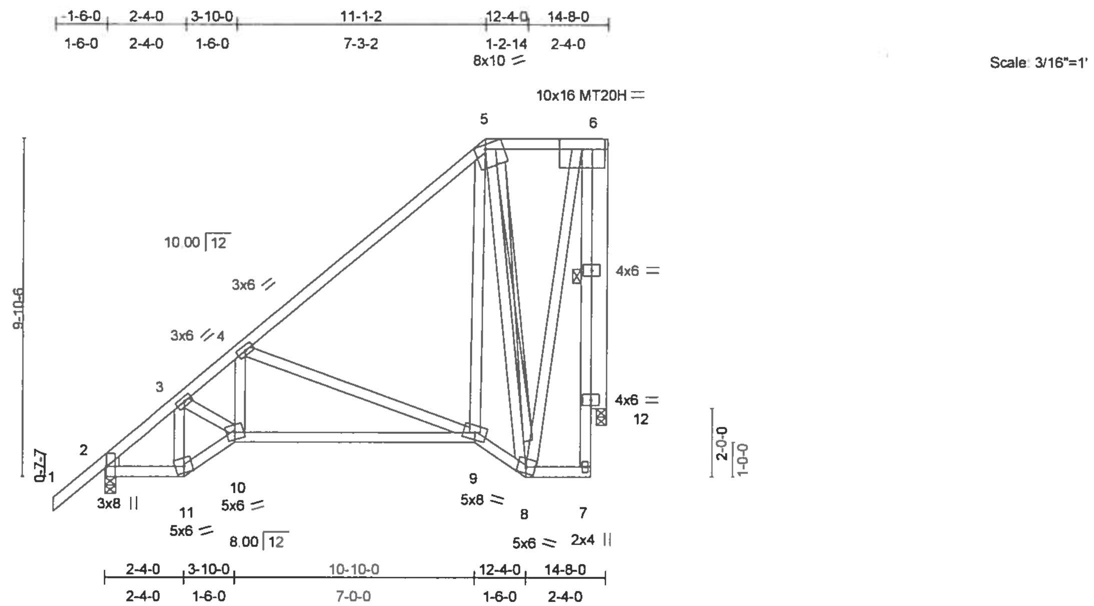

Plate Offsets (X,Y): [2:0-3-8,Edge], [5:0-3-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.05	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.10	9-10	>999	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.69	Horz(TL)	0.02	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 144 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-7
T-Brace: 2 X 4 SYP No.3 - 5-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=540/0-4-0, 12=452/0-3-8
Max Horz 2=356(load case 6)
Max Uplift 2=-90(load case 6), 12=-194(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-523/6, 3-4=-658/225, 4-5=-319/24, 5-6=-76/70, 7-12=0/28, 6-12=-448/391
BOT CHORD 2-11=-347/312, 10-11=-391/376, 9-10=-549/541, 8-9=-142/178, 7-8=-10/13
WEBS 3-11=-221/225, 3-10=-264/301, 4-10=-33/240, 6-8=-415/430, 5-9=-186/353, 4-9=-418/442, 5-8=-507/466

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

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

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 plates are MT20 plates unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 90 lb uplift at joint 2 and 194 lb uplift at joint 12.

LOAD CASE(S) Standard

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:23 2007 Page 1

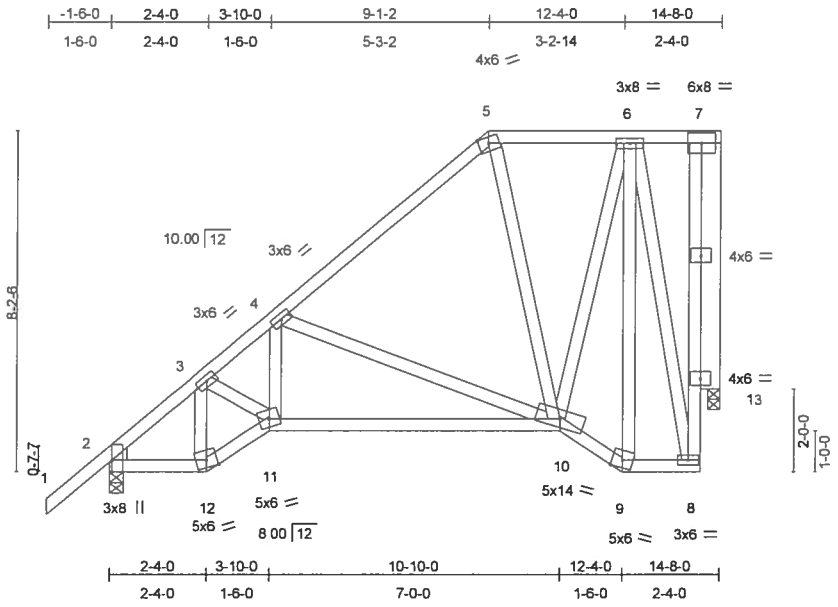

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.21	Vert(LL)	-0.05	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.09	10-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.43	Horz(TL)	0.02	13	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 139 lb	

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

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

REACTIONS (lb/size) 2=540/0-4-0, 13=447/0-3-8
Max Horz 2=302(load case 6)
Max Uplift 2=-117(load case 6), 13=-148(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-528/80, 3-4=-652/277, 4-5=-330/97, 5-6=-160/122, 6-7=-5/4, 8-13=-277/386, 7-13=-61/57
BOT CHORD 2-12=-334/323, 11-12=-376/388, 10-11=-469/498, 9-10=-64/116, 8-9=-60/78
WEBS 3-12=-230/224, 3-11=-185/239, 4-11=-69/249, 4-10=-333/329, 5-10=-111/157, 6-10=-273/355, 6-9=-76/34, 6-8=-376/286

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1104 Crandall Bay Blvd
Deerfield Beach, FL 33442

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

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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) 13 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 117 lb uplift at joint 2 and 148 lb uplift at joint 13.

LOAD CASE(S) Standard

December 12,2007

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

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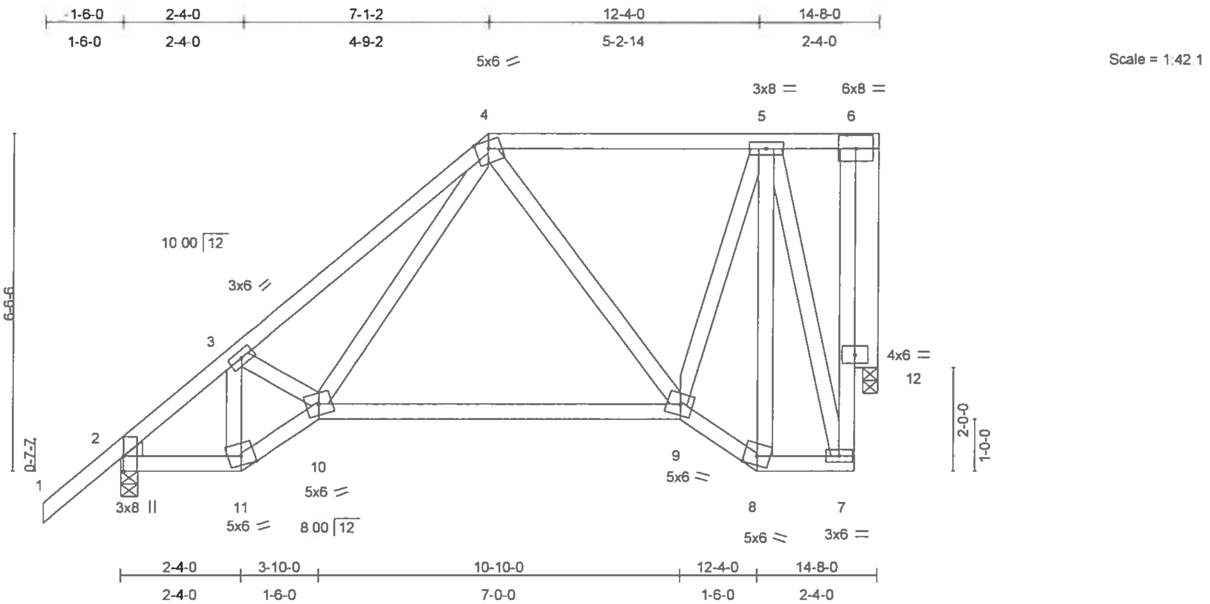

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.19	Vert(LL)	-0.05	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.09	9-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.32	Horz(TL)	0.01	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 119 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-11-12 oc bracing.

REACTIONS (lb/size) 2=540/0-4-0, 12=447/0-3-8
Max Horz 2=249(load case 6)
Max Uplift 2=-134(load case 6), 12=-140(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-542/160, 3-4=-662/357, 4-5=-204/134, 5-6=-3/1, 7-12=-300/451, 6-12=-24/12
BOT CHORD 2-11=-349/357, 10-11=-396/428, 9-10=-257/310, 8-9=-87/153, 7-8=-79/112
WEBS 3-11=-270/262, 3-10=-37/160, 4-10=-197/314, 4-9=-184/209, 5-9=-191/314, 5-8=-95/48, 5-7=-448/313

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

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Continued on page 2

NOTES

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

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. [illegible]
[illegible] Coastal Bay Blvd
Boynton Beach, FL [illegible]

December 12,2007

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

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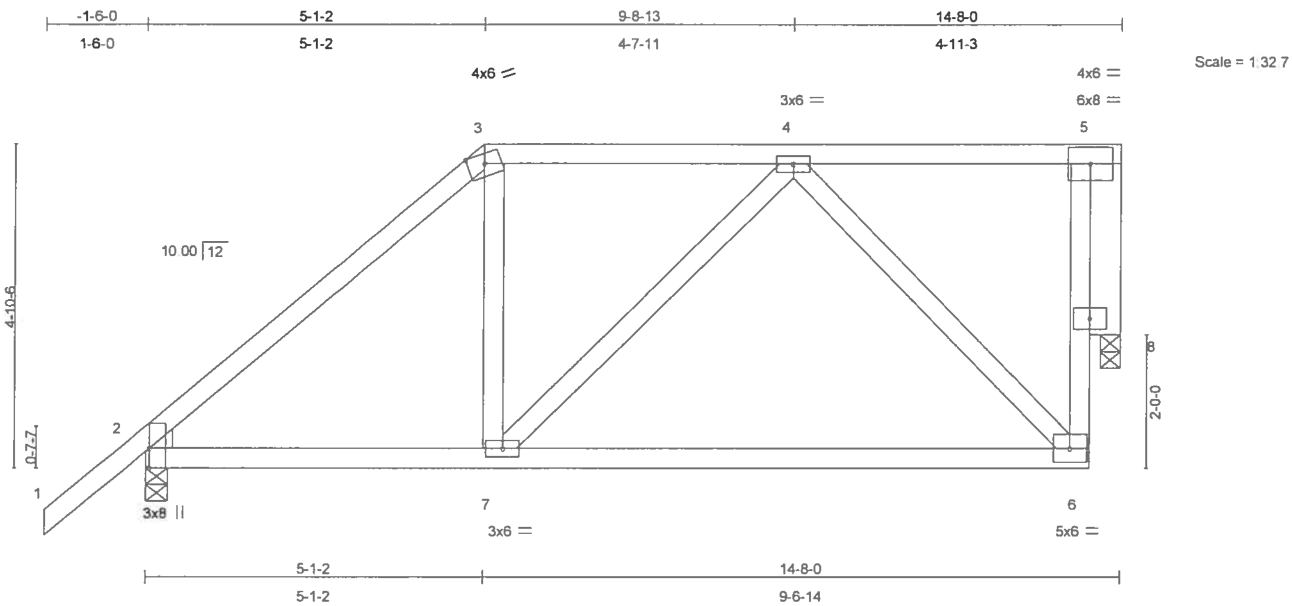

Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.56	Vert(LL)	-0.12	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	-0.20	6-7	>828	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.27	Horz(TL)	-0.02	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 86 lb	

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

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

REACTIONS (lb/size) 2=540/0-4-0, 8=447/0-3-8
Max Horz 2=195(load case 6)
Max Uplift 2=-141(load case 6), 8=-134(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-544/200, 3-4=-337/234, 4-5=-42/6, 6-8=-184/324, 5-8=-121/95
BOT CHORD 2-7=-237/335, 6-7=-204/294
WEBS 3-7=0/159, 4-7=-43/122, 4-6=-386/289

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

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

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NOTES

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

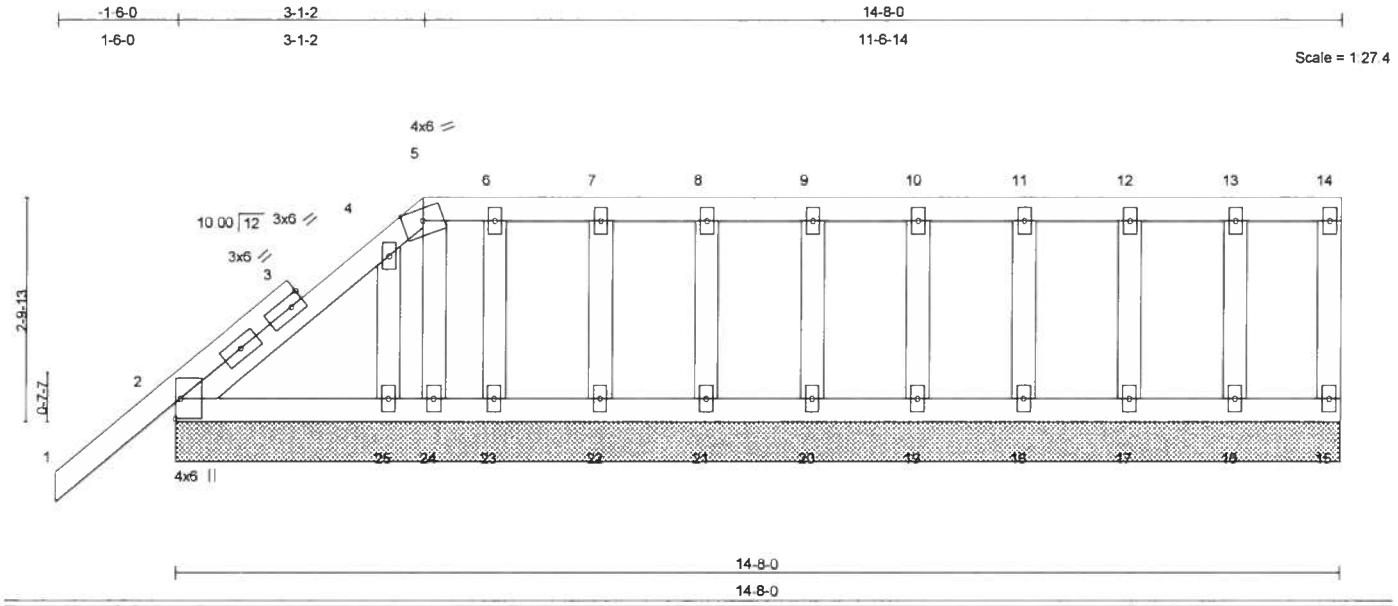
LOAD CASE(S) Standard

[illegible]

December 12,2007

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:25 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	1	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.02	Horz(TL)	-0.00	15	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 87 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 4 SYP No.3

BRACING

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

REACTIONS (lb/size) 2=217/14-8-0, 15=39/14-8-0, 16=97/14-8-0, 17=100/14-8-0, 18=98/14-8-0, 19=99/14-8-0, 20=99/14-8-0, 21=98/14-8-0, 22=102/14-8-0, 23=79/14-8-0, 25=124/14-8-0, 24=18/14-8-0

Max Horz 2=179(load case 6)

Max Uplift 2=-124(load case 6), 15=-25(load case 4), 16=-59(load case 4), 17=-63(load case 4), 18=-61(load case 4), 19=-61(load case 4), 20=-61(load case 4), 21=-61(load case 4), 22=-63(load case 4), 23=-55(load case 4), 25=-67(load case 6), 24=-40(load case 4)

Max Grav 2=217(load case 1), 15=39(load case 1), 16=97(load case 1), 17=100(load case 1), 18=98(load case 1), 19=99(load case 1), 20=99(load case 1), 21=98(load case 1), 22=102(load case 1), 23=79(load case 1), 25=124(load case 2), 24=18(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-68/14, 3-4=-64/39, 4-5=-25/4, 5-6=-2/1, 6-7=-2/2, 7-8=-2/2, 8-9=-2/2, 9-10=-2/2, 10-11=-2/2, 11-12=-2/2, 12-13=-2/2, 13-14=-2/2, 14-15=-33/27

BOT CHORD 2-25=-3/3, 24-25=-3/3, 23-24=-2/2, 22-23=-2/2, 21-22=-2/2, 20-21=-2/2, 19-20=-2/2, 18-19=-2/2, 17-18=-2/2, 16-17=-2/2, 15-16=-2/2

WEBS 13-16=-85/69, 12-17=-86/70, 11-18=-85/69, 10-19=-85/69, 9-20=-85/69, 8-21=-85/69, 7-22=-89/71, 6-23=-66/64, 4-25=-99/94, 5-24=-24/28

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JOINT STRESS INDEX

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

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 1-4-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 124 lb uplift at joint 2, 25 lb uplift at joint 15, 59 lb uplift at joint 16, 63 lb uplift at joint 17, 61 lb uplift at joint 18, 61 lb uplift at joint 19, 61 lb uplift at joint 20, 61 lb uplift at joint 21, 63 lb uplift at joint 22, 55 lb uplift at joint 23, 67 lb uplift at joint 25 and 40 lb uplift at joint 24.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-5=-64(F=-10), 5-14=-64(F=-10), 2-15=-10

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

Builders FirstSource, Lake City, Fl 32055 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 07 14:58:02 2007 Page 1

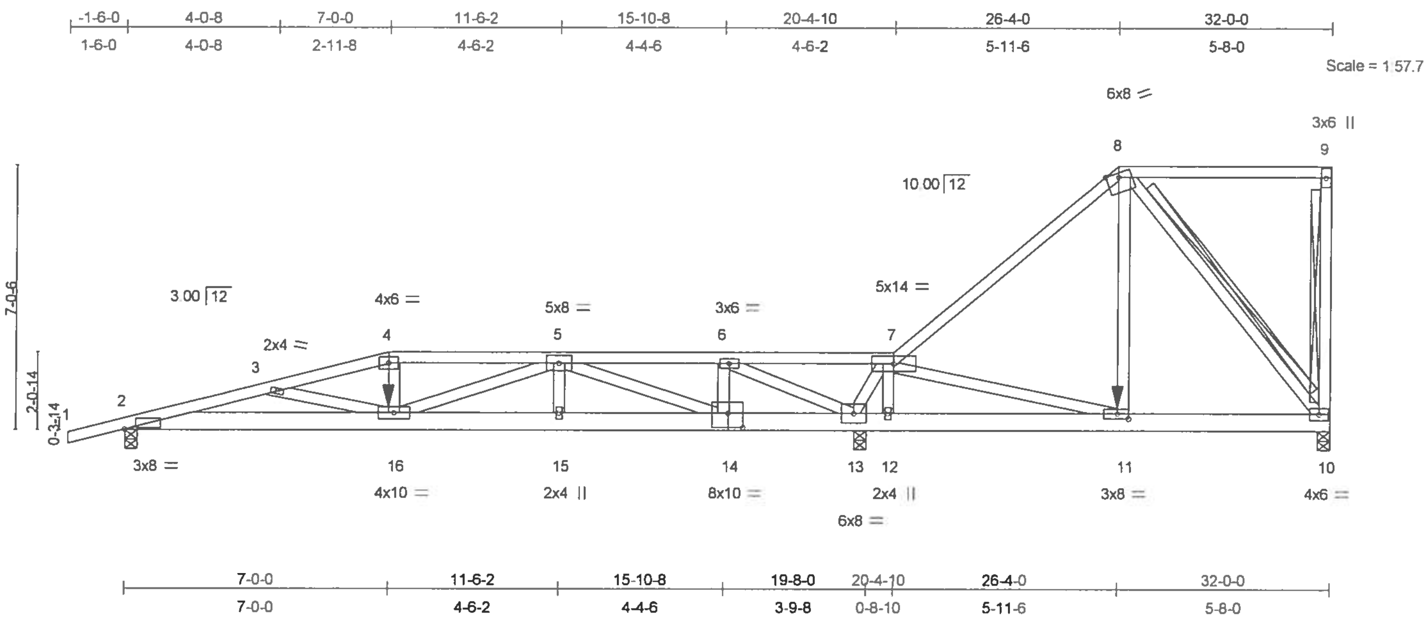

Plate Offsets (X,Y): [2:0-3-8,0-0-6], [11:0-3-8,0-1-8], [14:0-4-12,0-4-8]

LOADING (psf)		SPACING		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.65	Vert(LL)	0.22	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.46	Vert(TL)	-0.31	15-16	>733	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.86	Horz(TL)	0.05	13	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 201 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-3-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-11-6 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 9-10, 8-10
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=676/0-4-0, 2=1079/0-4-0, 13=2592/0-4-0
Max Horz 2=235(load case 5)
Max Uplift 10=-286(load case 4), 2=-717(load case 3), 13=-1275(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-3334/1947, 3-4=-3129/1851, 4-5=-3063/1835, 5-6=-633/466, 6-7=-1064/1886, 7-8=-458/114, 8-9=-39/23, 9-10=-310/194
BOT CHORD 2-16=-1923/3203, 15-16=-1631/2716, 14-15=-1631/2716, 13-14=-491/687, 12-13=-1356/913, 11-12=-1336/899, 10-11=-136/277
WEBS 3-16=-176/117, 4-16=-221/354, 5-16=-228/372, 5-15=-80/187, 5-14=-2226/1252, 6-14=-428/723, 7-12=-234/170, 7-11=-1008/1672, 8-11=0/255, 8-10=-374/186, 6-13=-2865/1738, 7-13=-995/363

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

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

NOTES

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-7=-117(F=-63), 7-8=-54, 8-9=-117(F=-63), 2-16=-10, 12-16=-22(F=-12), 11-12=-10, 10-11=-22(F=-12)
   Concentrated Loads (lb)
   Vert: 16=-411(F) 11=-411(F)

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

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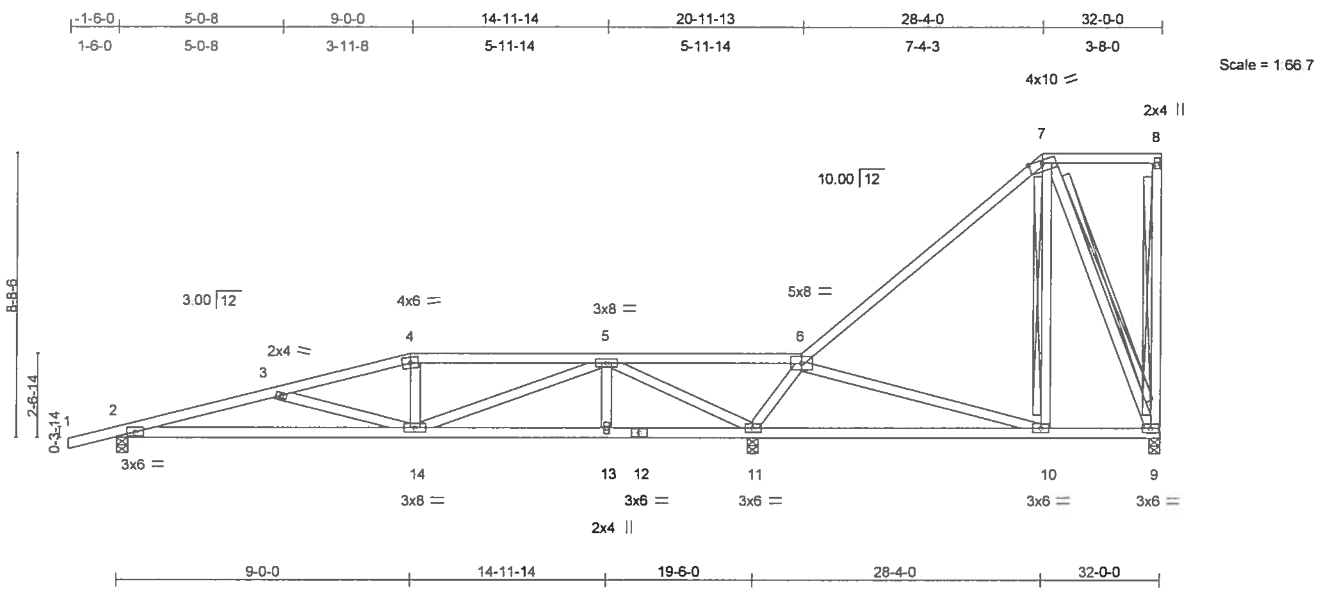

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.57	Vert(LL)	-0.14	2-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	-0.28	2-14	>822	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.61	Horz(TL)	0.03	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 182 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-1-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 8-9, 7-10, 7-9
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 9=238/0-4-0, 2=612/0-4-0, 11=1268/0-4-0
Max Horz 2=287(load case 6)
Max Uplift 9=-99(load case 5), 2=-283(load case 4), 11=-310(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-1423/660, 3-4=-1017/415, 4-5=-961/422, 5-6=-642/810, 6-7=-240/14, 7-8=-3/3, 8-9=-37/70
BOT CHORD 2-14=-979/1345, 13-14=-290/342, 12-13=-290/342, 11-12=-290/342, 10-11=-416/232, 9-10=-78/83
WEBS 3-14=-394/292, 4-14=-51/131, 5-14=-428/664, 5-13=0/91, 5-11=-1290/745, 6-11=-716/364, 6-10=-267/523, 7-10=-76/126, 7-9=-217/207

Julius Lee
Truss Design Engineer
Florida PE No. [illegible]
1109 Coastal Bay Blvd
Boynton Beach, FL [illegible]

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

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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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 99 lb uplift at joint 9, 283 lb uplift at joint 2 and 310 lb uplift at joint 11.

LOAD CASE(S) Standard

[illegible]

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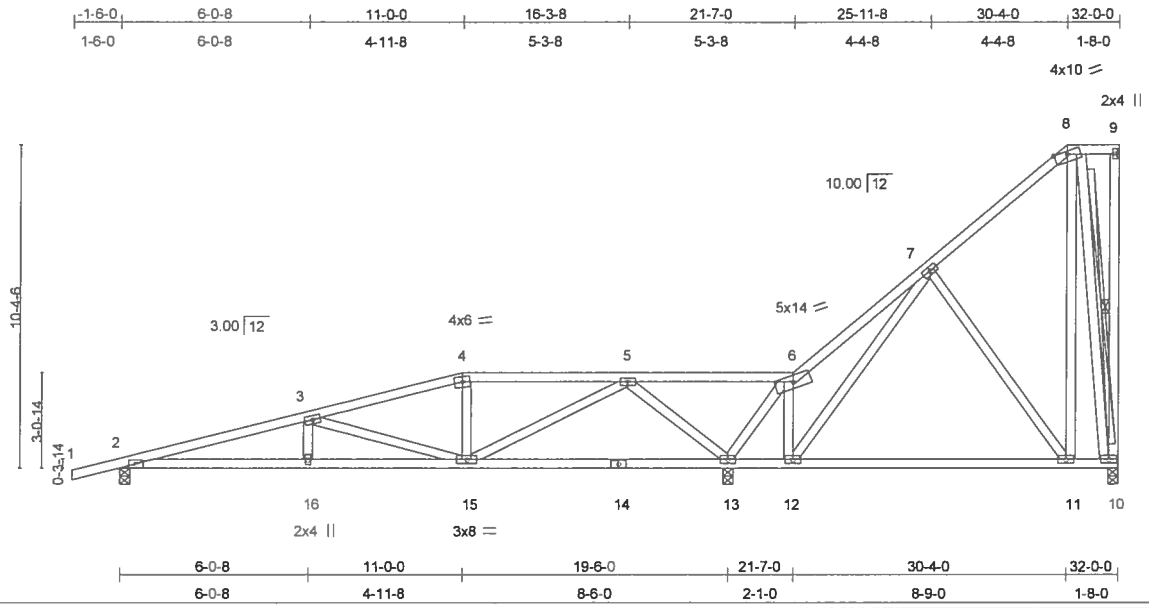
Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916281
L262253	T20	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:29 2007 Page 1



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

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-1-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 9-10
T-Brace: 2 X 4 SYP No.3 - 8-10
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 10=238/0-4-0, 2=612/0-4-0, 13=1269/0-4-0
Max Horz 2=341(load case 6)
Max Uplift 10=-146(load case 6), 2=-282(load case 4), 13=-279(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-1389/608, 3-4=-753/301, 4-5=-694/309, 5-6=-545/702, 6-7=-471/461, 7-8=-129/23, 8-9=-1/1, 9-10=-30/23
BOT CHORD 2-16=-1000/1305, 15-16=-1000/1305, 14-15=-245/45, 13-14=-245/45, 12-13=-273/183, 11-12=-106/77, 10-11=-34/41
WEBS 3-16=0/149, 3-15=-634/383, 4-15=-96/137, 5-15=-434/738, 5-13=-988/624, 6-13=-712/211, 6-12=-280/553, 7-12=-609/381, 7-11=-104/125, 8-11=-27/247, 8-10=-272/221

[illegible]

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Continued on page 2

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

JOINT STRESS INDEX

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

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 3x6 MT20 unless otherwise indicated.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 146 lb uplift at joint 10, 282 lb uplift at joint 2 and 279 lb uplift at joint 13.

LOAD CASE(S) Standard

[illegible]

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

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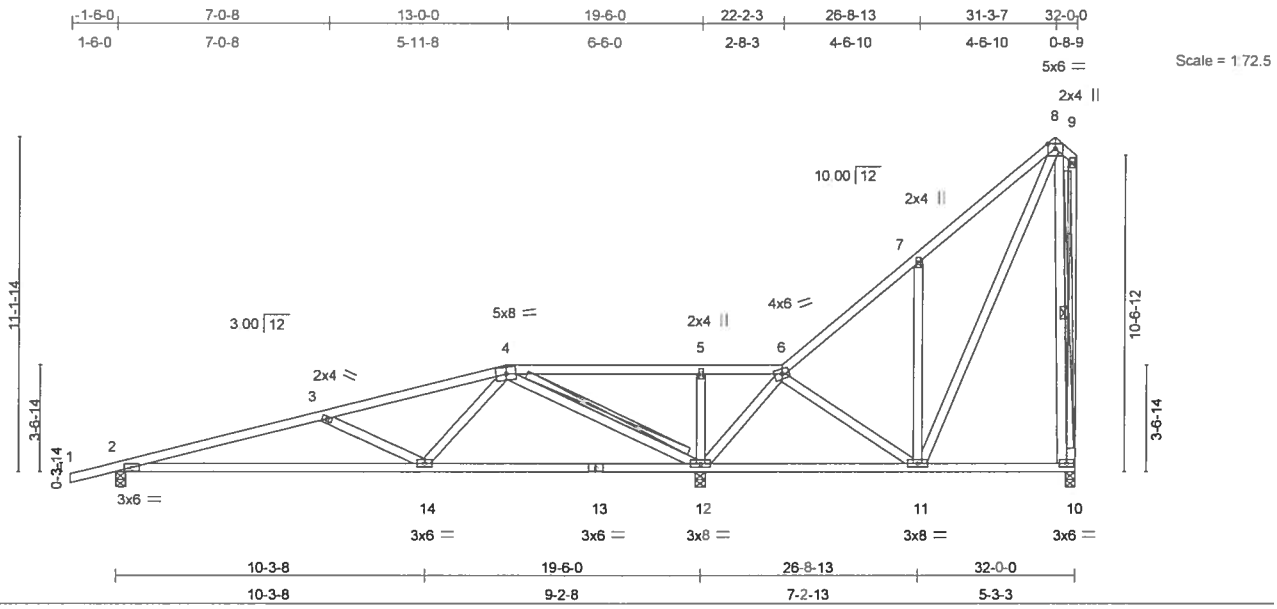

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.20	2-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.40	2-14	>585	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.40	Horz(TL)	0.02	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 201 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-6-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 9-10
T-Brace: 2 X 4 SYP No.3 - 4-12, 8-10
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=565/0-4-0, 12=1388/0-4-0, 10=165/0-4-0
Max Horz 2=355(load case 6)
Max Uplift 2=-266(load case 4), 12=-343(load case 4), 10=-128(load case 6)
Max Grav 2=565(load case 10), 12=1388(load case 1), 10=165(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-1120/451, 3-4=-628/236, 4-5=-653/799, 5-6=-653/800, 6-7=-249/60, 7-8=-112/45, 8-9=-51/57, 9-10=-82/73
BOT CHORD 2-14=-859/1044, 13-14=-370/283, 12-13=-370/283, 11-12=-416/221, 10-11=-15/13
WEBS 3-14=-531/426, 4-14=-169/511, 4-12=-1211/801, 5-12=-293/190, 6-12=-603/195, 6-11=-334/536, 7-11=-269/322, 8-11=-92/198, 8-10=-204/263

[illegible]

JOINT STRESS INDEX
2 = 0.66, 3 = 0.33, 4 = 0.57, 5 = 0.33, 6 = 0.65, 7 = 0.33, 8 = 0.62, 9 = 0.33, 10 = 0.34, 11 = 0.62, 12 = 0.57, 13 = 0.32 and 14 = 0.37

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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 266 lb uplift at joint 2, 343 lb uplift at joint 12 and 128 lb uplift at joint 10.

LOAD CASE(S) Standard

[illegible]

December 12,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916283
L262253	T22	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:31 2007 Page 1

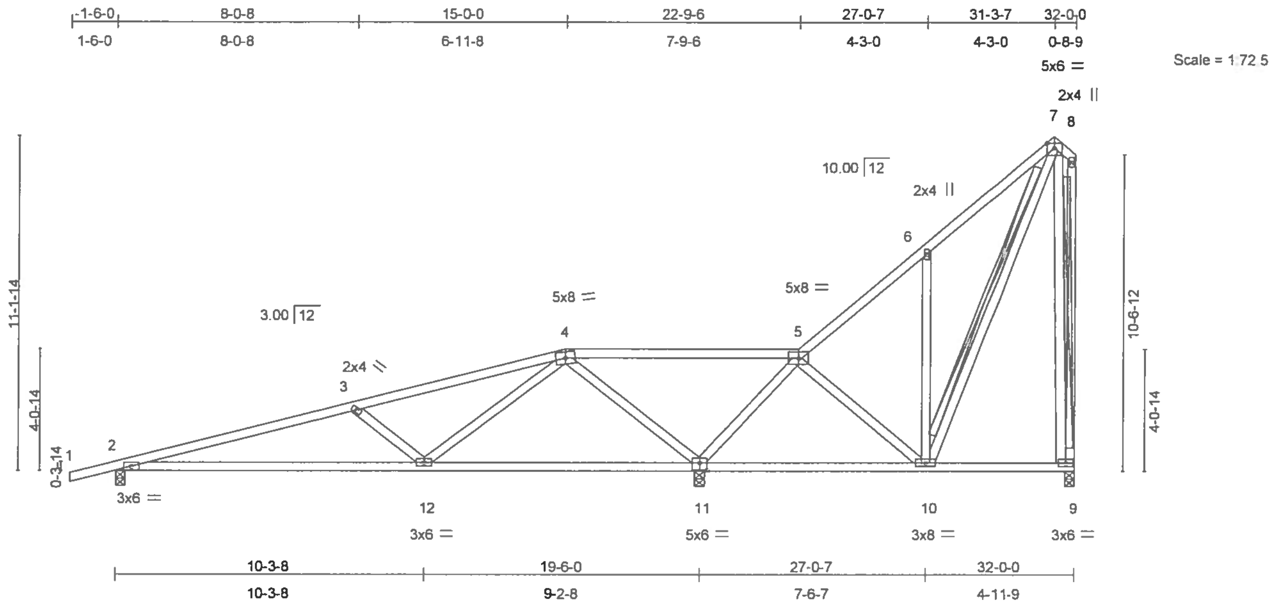

Plate Offsets (X,Y): [11:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.21	2-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.46	Vert(TL)	-0.42	2-12	>559	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.72	Horz(TL)	-0.02	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 197 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-10-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 7-10, 7-9
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=542/0-4-0, 11=1450/0-4-0, 9=128/0-4-0
Max Horz 2=355(load case 6)
Max Uplift 2=-256(load case 4), 11=-380(load case 4), 9=-110(load case 6)
Max Grav 2=542(load case 10), 11=1450(load case 1), 9=150(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-950/365, 3-4=-555/218, 4-5=-704/905, 5-6=-235/55, 6-7=-115/81, 7-8=-66/83
BOT CHORD 2-12=-738/874, 11-12=-167/0, 10-11=-340/179, 9-10=-15/12
WEBS 3-12=-495/408, 4-12=-330/692, 4-11=-1120/762, 5-11=-859/361, 5-10=-279/448, 6-10=-190/264, 7-10=-60/217, 8-9=-102/108, 7-9=-208/252

JOINT STRESS INDEX
2 = 0.58, 3 = 0.33, 4 = 0.81, 5 = 0.69, 6 = 0.33, 7 = 0.64, 8 = 0.33, 9 = 0.34, 10 = 0.63, 11 = 0.51 and 12 = 0.40

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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 256 lb uplift at joint 2, 380 lb uplift at joint 11 and 110 lb uplift at joint 9.

LOAD CASE(S) Standard

December 12,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916284
L262253	T23	SPECIAL	1	4	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 14:46:16 2007 Page 1

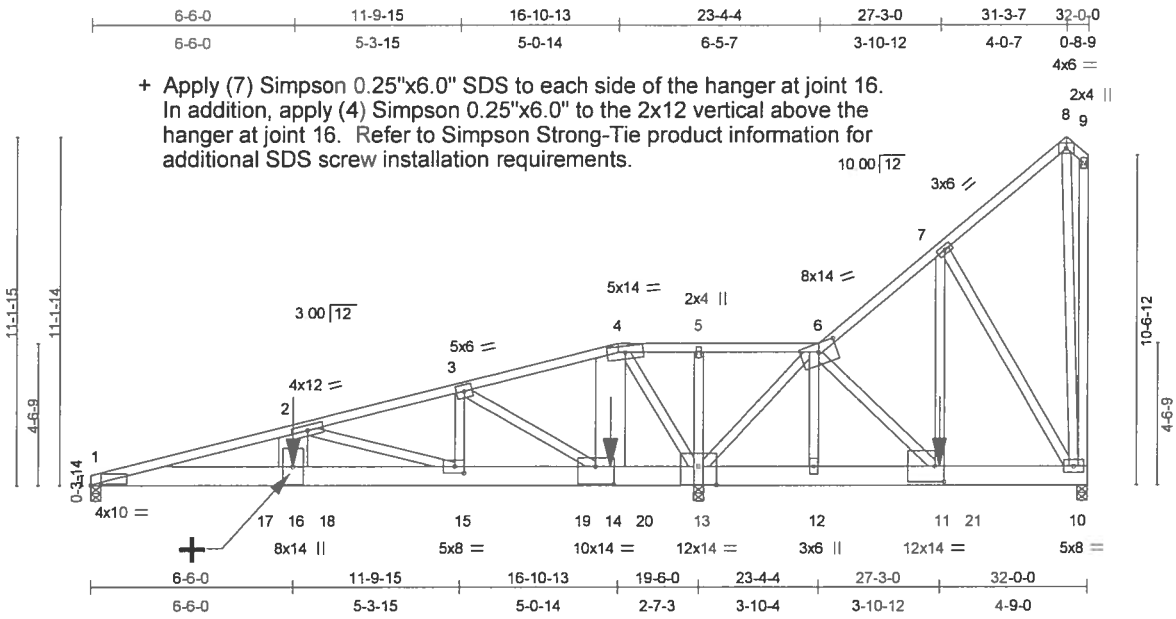

Plate Offsets (X,Y): [1:0-3-15,0-0-4], [6:0-7-0,0-3-5], [11:0-3-8,0-6-0], [13:0-7-0,0-7-0], [14:0-7-0,0-6-12], [15:0-3-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.86	Vert(LL)	-0.20	16	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.00	BC	0.62	Vert(TL)	-0.38	16	>614	240		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.99	Horz(TL)	0.03	13	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 1108 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except* 4-6 2 X 4 SYP No.1D
BOT CHORD 2 X 8 SYP 2400F 2.0E *Except* 10-13 2 X 8 SYP No.1D
WEBS 2 X 4 SYP No.3 *Except* 2-16 2 X 12 SYP No.2, 4-14 2 X 12 SYP No.2 5-13 2 X 4 SYP No.1D

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 1=6073/0-4-0, 13=27179/0-8-0 (input: 0-4-0), 10=408/0-4-0
Max Horz 1=333(load case 5)
Max Uplift 1=-2210(load case 3), 13=-9819(load case 3), 10=-570(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-18488/6715, 2-3=-3047/1111, 3-4=-1853/5168, 4-5=-4812/13299, 5-6=-4813/13300, 6-7=-241/296, 7-8=-83/56, 8-9=-36/59
BOT CHORD 1-17=-6631/17953, 16-17=-6631/17953, 16-18=-6631/17953, 15-18=-6631/17953, 15-19=-1131/2949, 14-19=-1131/2949, 14-20=-5622/2022, 13-20=-5622/2022, 12-13=-5318/2022, 11-12=-5407/2054, 11-21=-312/156, 10-21=-312/156
WEBS 2-16=-2691/7544, 2-15=-15584/5714, 3-15=-2223/6207, 3-14=-9206/3389, 6-12=-1117/2534, 6-11=-2943/8052, 7-11=-660/312, 9-10=-59/75, 8-10=-190/138, 7-10=-302/606, 4-14=-3961/10893, 5-13=-518/225, 4-13=-14340/5252, 6-13=-11619/4093

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1326 Coastal Bay Blvd
Ruskin, FL 33570

JOINT STRESS INDEX

1 = 0.79, 2 = 0.71, 3 = 0.78, 4 = 0.91, 5 = 0.34, 6 = 0.68, 7 = 0.45, 8 = 0.31, 9 = 0.34, 10 = 0.29, 11 = 0.32, 12 = 0.26, 13 = 0.88, 14 = 0.41, 15 = 0.82 and 16 = 0.86

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NOTES

1) Distribute loads equally between all plies. Additional screws (+) are required to distribute the load equally among all plies.
2) 4-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2 X 8 - 4 rows at 0-4-0 oc.
   Webs connected as follows: 2 X 12 - 6 rows at 0-4-0 oc, Except member 4-14 2 X 12 - 5 rows at 0-4-0 oc, 2 X 4 - 1 row at 0-9-0 oc, Except member 7-11 2 X 4 - 1 row at 0-4-0 oc.
   Attach 2x6 and larger chords with 1/2 inch diameter thru bolts (ASTM a-307) with washers at 2-0-0 on center staggered 1-0-0. Refer to drawing CNBOLTSP1103 for additional bolt spacing informaiton.
   NOTE: Do not drill bolt holes through connector plates.
3) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
4) Unbalanced roof live loads have been considered for this design.
5) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
6) Provide adequate drainage to prevent water ponding.
7) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) WARNING: Required bearing size at joint(s) 13 greater than input bearing size. Bearing enhancement to be specified and designed by the Engineer/Architect of Record.
9) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
10) Bearing at joint(s) 13 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2210 lb uplift at joint 1, 9819 lb uplift at joint 13 and 570 lb uplift at joint 10.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-4=-54, 4-6=-54, 6-8=-54, 8-9=-54, 1-17=-350(F=-340), 17-18=-10, 18-19=-105(F=-95), 19-20=-10, 11-20=-968(F=-958), 11-21=-10, 10-21=-105(F=-95)
   Concentrated Loads (lb)
      Vert: 16=-8009(F) 14=-8009(F) 11=-3531(F)

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916285
L262253	T24	COMMON	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Dec 07 15:01:13 2007 Page 1

Scale = 1:40 2

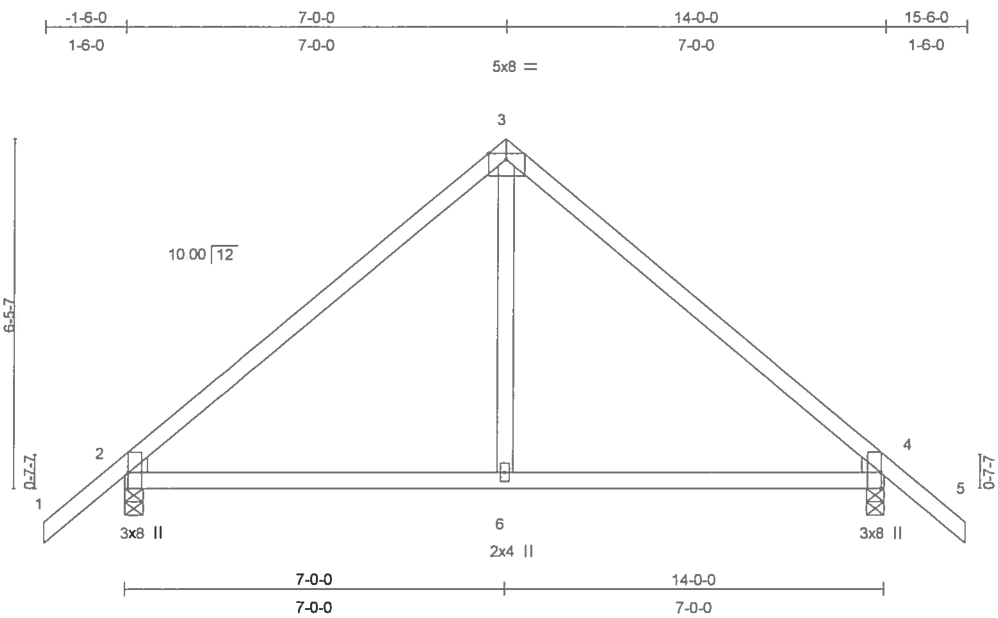

Plate Offsets (X,Y): [2:0-3-8,Edge], [4:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	0.06	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.08	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 64 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=527/0-4-0, 4=527/0-4-0 bearing or Simpson HTU26
Max Horz 2=-168(load case 4)
Max Uplift 2=-160(load case 6), 4=-160(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-496/214, 3-4=-496/214, 4-5=0/45
BOT CHORD 2-6=-22/286, 4-6=-22/286
WEBS 3-6=0/242

JOINT STRESS INDEX
2 = 0.54, 2 = 0.00, 3 = 0.85, 4 = 0.54, 4 = 0.00 and 6 = 0.18

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

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NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 160 lb uplift at joint 2 and 160 lb uplift at joint 4.

LOAD CASE(S) Standard

[illegible]

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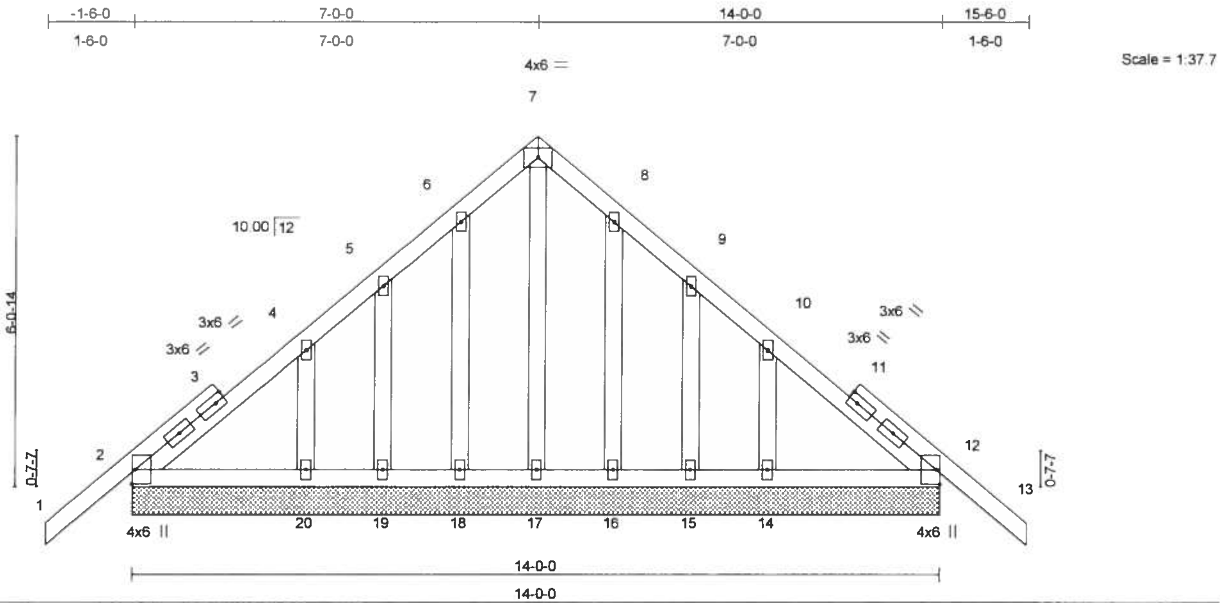
Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916286
L262253	T24G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:34 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	-0.01	13	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.01	13	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.07	Horz(TL)	0.00	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 97 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
OTHERS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 2=229/14-0-0, 12=229/14-0-0, 17=80/14-0-0, 18=102/14-0-0, 19=75/14-0-0, 20=168/14-0-0, 16=102/14-0-0, 15=75/14-0-0, 14=168/14-0-0
Max Horz 2=-204(load case 4)
Max Uplift 2=-96(load case 6), 12=-120(load case 7), 18=-73(load case 6), 19=-90(load case 6), 20=-124(load case 6), 16=-67(load case 7), 15=-91(load case 7), 14=-126(load case 7)
Max Grav 2=229(load case 1), 12=229(load case 1), 17=124(load case 7), 18=104(load case 10), 19=75(load case 10), 20=168(load case 1), 16=104(load case 11), 15=75(load case 11), 14=168(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/52, 2-3=-156/115, 3-4=-150/124, 4-5=-83/103, 5-6=-45/121, 6-7=-42/153, 7-8=-42/153, 8-9=-41/105, 9-10=-52/42, 10-11=-85/58, 11-12=-91/50, 12-13=0/52
BOT CHORD 2-20=-24/184, 19-20=-24/184, 18-19=-24/184, 17-18=-24/184, 16-17=-24/184, 15-16=-24/184, 14-15=-24/184, 12-14=-24/184
WEBS 7-17=-117/0, 6-18=-89/82, 5-19=-69/94, 4-20=-140/142, 8-16=-89/76, 9-15=-69/95, 10-14=-140/143

JOINT STRESS INDEX
2 = 0.50, 3 = 0.00, 3 = 0.17, 3 = 0.17, 4 = 0.08, 5 = 0.05, 6 = 0.05, 7 = 0.08, 8 = 0.05, 9 = 0.05, 10 = 0.08, 11 = 0.00, 11 = 0.17 , 11 = 0.17, 12 = 0.50, 14 = 0.08, 15 = 0.05, 16 = 0.05, 17 = 0.03, 18 = 0.05, 19 = 0.05 and 20 = 0.08

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916286
L262253	T24G	GABLE	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 1-4-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 2, 120 lb uplift at joint 12, 73 lb uplift at joint 18, 90 lb uplift at joint 19, 124 lb uplift at joint 20, 67 lb uplift at joint 16, 91 lb uplift at joint 15 and 126 lb uplift at joint 14.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-7=-64(F=-10), 7-13=-64(F=-10), 2-12=-10

Julius Lee
Truss Design Engineer

December 12,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916287
L262253	T25	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 12:50:48 2007 Page 1

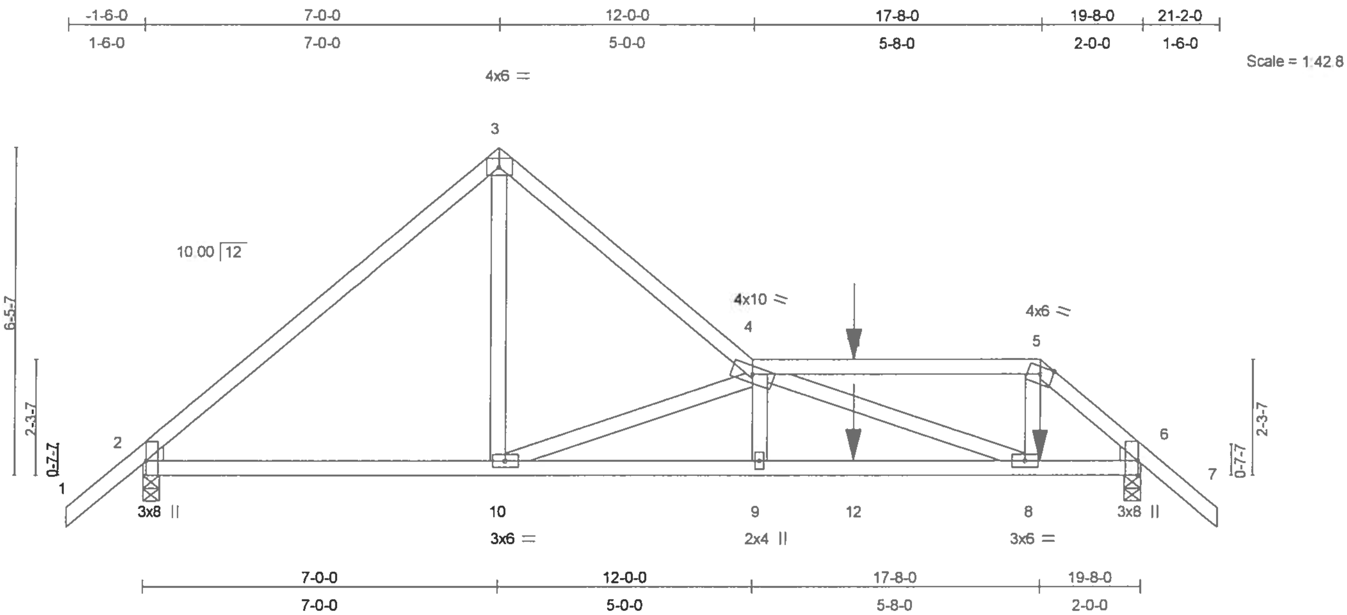

Plate Offsets (X,Y): [2:0-3-8,Edge], [6:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.41	Vert(LL)	-0.11	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.21	8-9	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.76	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 102 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-6-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=780/0-4-0, 6=894/0-4-0
Max Horz 2=-168(load case 3)
Max Uplift 2=-206(load case 5), 6=-275(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-861/205, 3-4=-793/192, 4-11=-826/203, 5-11=-826/203, 5-6=-1129/248, 6-7=0/45
BOT CHORD 2-10=-97/554, 9-10=-352/1901, 9-12=-352/1914, 8-12=-352/1914, 6-8=-176/786
WEBS 3-10=-126/608, 4-10=-1448/424, 4-9=-13/233, 4-8=-1155/277, 5-8=-82/541

JOINT STRESS INDEX
2 = 0.59, 2 = 0.00, 3 = 0.47, 4 = 0.74, 5 = 0.52, 6 = 0.61, 6 = 0.00, 8 = 0.35, 9 = 0.34 and 10 = 0.41

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
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

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NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 206 lb uplift at joint 2 and 275 lb uplift at joint 6.

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-3=-54, 3-4=-54, 4-5=-54, 5-7=-54, 2-6=-10
   Concentrated Loads (lb)
      Vert: 8=-11(F) 11=-53(F) 12=-193(F)

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916288
L262253	T26	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:36 2007 Page 1

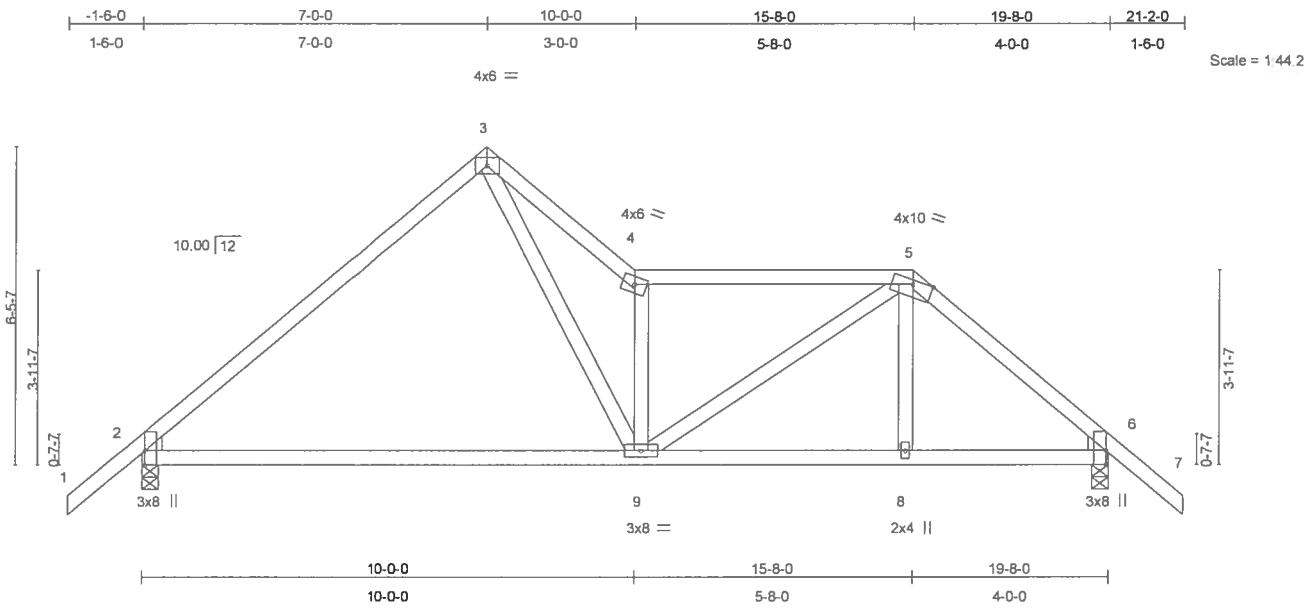

Plate Offsets (X,Y): [2:0-3-8,Edge], [6:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	-0.22	2-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.42	2-9	>550	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.36	Horz(TL)	0.02	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 101 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-3-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=709/0-4-0, 6=709/0-4-0
Max Horz 2=168(load case 5)
Max Uplift 2=-186(load case 6), 6=-219(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-729/332, 3-4=-1143/633, 4-5=-832/440, 5-6=-794/351, 6-7=0/45
BOT CHORD 2-9=-100/459, 8-9=-105/538, 6-8=-107/537
WEBS 3-9=-444/892, 4-9=-881/506, 5-9=-135/353, 5-8=0/95

JOINT STRESS INDEX
2 = 0.78, 2 = 0.00, 3 = 0.64, 4 = 0.50, 5 = 0.82, 6 = 0.58, 6 = 0.00, 8 = 0.33 and 9 = 0.97

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.

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NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 186 lb uplift at joint 2 and 219 lb uplift at joint 6.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916289
L262253	T27	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:12:37 2007 Page 1

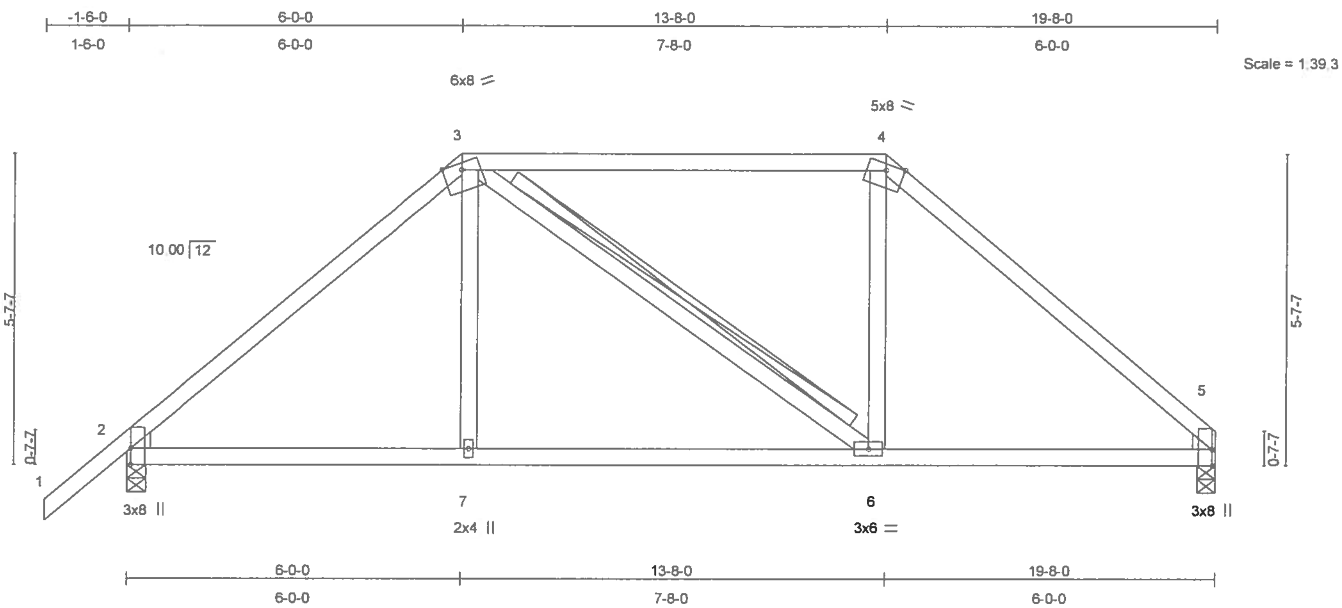

Plate Offsets (X,Y): [2:0-3-8,Edge], [5:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	-0.05	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	-0.09	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 96 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-6
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=713/0-4-0, 5=615/0-4-0
Max Horz 2=165(load case 5)
Max Uplift 2=-181(load case 6), 5=-114(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-785/352, 3-4=-527/380, 4-5=-794/364
BOT CHORD 2-7=-190/515, 6-7=-189/517, 5-6=-149/525
WEBS 3-7=0/217, 3-6=-113/106, 4-6=-4/218

JOINT STRESS INDEX
2 = 0.58, 2 = 0.00, 3 = 0.77, 4 = 0.80, 5 = 0.58, 5 = 0.00, 6 = 0.34 and 7 = 0.33

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916289
L262253	T27	HIP	1	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 181 lb uplift at joint 2 and 114 lb uplift at joint 5.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Ocean Ridge, FL 33435

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 138 THE PRESERVES J1916290
L262253	T28	HIP	1	1	Job Reference (optional)

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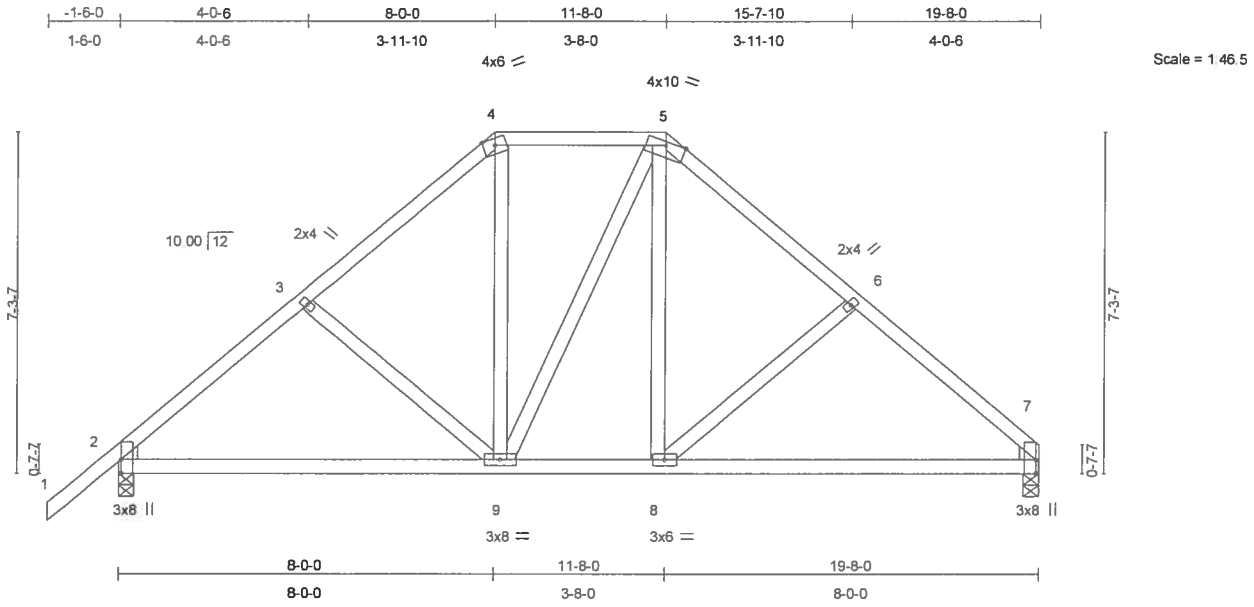

Plate Offsets (X,Y): [2:0-3-8,Edge], [7:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.19	Vert(LL)	-0.09	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.17	7-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.11	Horz(TL)	0.02	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 117 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING
TOP CHORD 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, 7=615/0-4-0
Max Horz 2=212(load case 5)
Max Uplift 2=-190(load case 6), 7=-115(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-777/366, 3-4=-619/362, 4-5=-423/344, 5-6=-625/371, 6-7=-771/378
BOT CHORD 2-9=-198/519, 8-9=-68/425, 7-8=-195/532
WEBS 3-9=-134/179, 4-9=-82/202, 5-9=-102/107, 5-8=-105/207, 6-8=-148/199

JOINT STRESS INDEX
2 = 0.69, 2 = 0.00, 3 = 0.33, 4 = 0.33, 5 = 0.84, 6 = 0.33, 7 = 0.65, 7 = 0.00, 8 = 0.34 and 9 = 0.61

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.

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NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 190 lb uplift at joint 2 and 115 lb uplift at joint 7.

LOAD CASE(S) Standard

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