

Project Information for: L256809

Lot: 2

Subdivision: ROSE CREEK County: COLUMBIA

Truss Count: 65

Design Program: MiTek 20/20 6.3
Building Code: FBC2004/TPI2002
Truss Design Load Information:
Gravity: Wind:

Roof (psf): 42.0 Wind Standard: ASCE 7-02 Wind Exposure: B

Floor (psf): 55.0 Wind Speed (mph): 110

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

Contractor of Record, responsible for structural engineering:

Aaron D. Simque Florida Registered Building Contractor License No. RB29003130

No.

57

58

59

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64

Drwg. #

J1901184

J1901185

J1901186

J1901187

J1901188

J1901189

J1901190

J1901191

J1901192

Truss ID

T38

T39

T40

T41

T42

T43

T44

T45

T46

Date

10/15/07

10/15/07

10/15/07

10/15/07

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10/15/07

10/15/07

Address: Aarom Simque Homes, Inc. Route 9 Box 785-33 Lake City, FL 32024

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 1-2002 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 sections 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.

1 J1901128 CJ1 10/15/07 29 J1901156 T12 10/15/07 2 J1901129 CJ3 10/15/07 30 J1901157 T13 10/15/07 3 J1901130 CJ5 10/15/07 31 J1901158 T13G 10/15/07 4 J1901131 EJ1 10/15/07 32 J1901159 T14 10/15/07 5 J1901132 EJ2 10/15/07 33 J1901160 T15 10/15/07 6 J1901133 EJ2A 10/15/07 34 J1901162 T17 10/15/07 7 J1901134 EJ4 10/15/07 35 J1901162 T17 10/15/07 8 J1901135 EJ5 10/15/07 36 J1901163 T18 10/15/07 9 J1901136 EJ7 10/15/07 37 J1901164 T19 10/15/07 10 J1901138 EJ9 10/15/07 38 J1901165 T20 10/15/07	No.	Drwg. #	Truss ID	Date	No.	Drwg.#	Truss ID	Date	
2 J1901129 CJ3 10/15/07 30 J1901157 T13 10/15/07 3 J1901130 CJ5 10/15/07 31 J1901158 T13G 10/15/07 4 J1901131 EJ1 10/15/07 32 J1901159 T14 10/15/07 5 J1901132 EJ2 10/15/07 33 J1901160 T15 10/15/07 6 J1901133 EJ2A 10/15/07 34 J1901161 T16 10/15/07 7 J1901134 EJ4 10/15/07 35 J1901163 T18 10/15/07 8 J1901135 EJ5 10/15/07 36 J1901164 T19 10/15/07 9 J1901136 EJ7 10/15/07 37 J1901164 T19 10/15/07 10 J1901138 EJ9 10/15/07 38 J1901165 T20 10/15/07 11 J1901138 EJ9 10/15/07 39 J1901166 T21 10/15/07		J1901128		10/15/07	29		T12	10/15/07	- 1
4 J1901131 EJ1 10/15/07 32 J1901159 T14 10/15/07 5 J1901132 EJ2 10/15/07 33 J1901160 T15 10/15/07 6 J1901133 EJ2A 10/15/07 34 J1901161 T16 10/15/07 7 J1901134 EJ4 10/15/07 35 J1901162 T17 10/15/07 8 J1901135 EJ5 10/15/07 36 J1901163 T18 10/15/07 9 J1901136 EJ7 10/15/07 37 J1901164 T19 10/15/07 10 J1901137 EJ7A 10/15/07 38 J1901165 T20 10/15/07 11 J1901138 EJ9 10/15/07 39 J1901165 T20 10/15/07 11 J1901138 EJ9 10/15/07 40 J1901167 T22 10/15/07 11 J1901138 EJ9 10/15/07 41 J1901168 T23 10/15/07 <td>2</td> <td>J1901129</td> <td></td> <td>10/15/07</td> <td>30</td> <td>J1901157</td> <td>T13</td> <td></td> <td></td>	2	J1901129		10/15/07	30	J1901157	T13		
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26 J1901153 T09 10/15/07 54 J1901181 T35 10/15/07 27 J1901154 T10 10/15/07 55 J1901182 T36 10/15/07				10/15/07		J1901179	T34	10/15/07	5.0
27 J1901154 T10 10/15/07 55 J1901182 T36 10/15/07		J1901152	T08	10/15/07	53	J1901180	T34G	10/15/07	
27 J1901154 T10 10/15/07 55 J1901182 T36 10/15/07		J1901153	T09	10/15/07	54	J1901181	T35		
28 J1901155 T11 10/15/07 56 J1901183 T37 10/15/07		J1901154	T10	10/15/07	55	J1901182	T36		
	28	J1901155	T11	10/15/07	56	J1901183	T37	10/15/07	



Project Information for: L256809

2 Lot:

Subdivision: ROSE CREEK **COLUMBIA** County:

Truss Count:

Design Program: MiTek 20/20 6.3 Building Code: FBC2004/TPI2002 **Truss Design Load Information:** Wind: **Gravity:**

Roof (psf): 42.0

Wind Standard: ASCE 7-02

Wind Exposure: B

October 15.2007

Date 10/15/07 10/15/07 10/15/07 10/15/07 10/15/07 10/15/07 10/15/07 10/15/07 10/15/07

Floor (psf): 55.0

Wind Speed (mph): 110

Note: See the individual truss drawings for special loading conditions. Contractor of Record, responsible for structural engineering:

Aaron D. Simque Florida Registered Building Contractor License No. RB29003130

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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 1-2002 Section 2.2

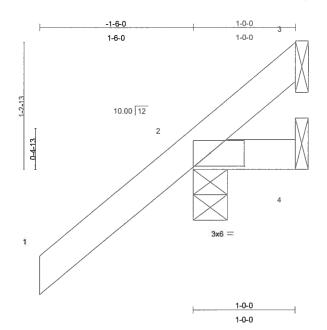
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No.	Drwg. #	Truss ID	Date	No.	Drwg. #	Truss ID	Date	No.	Drwg. #	Truss II
1	J1901128	CJ1	10/15/07	29	J1901156	T12	10/15/07	57	J1901184	T38
2	J1901129	CJ3	10/15/07	30	J1901157	T13	10/15/07	58	J1901185	T39
3	J1901130	CJ5	10/15/07	31	J1901158	T13G	10/15/07	59	J1901186	T40
4	J1901131	EJ1	10/15/07	32	J1901159	T14	10/15/07	60	J1901187	T41
5	J1901132	EJ2	10/15/07	33	J1901160	T15	10/15/07	61	J1901188	T42
6	J1901133	EJ2A	10/15/07	34	J1901161	T16	10/15/07	62	J1901189	T43
7	J1901134	EJ4	10/15/07	35	J1901162	T17	10/15/07	63	J1901190	T44
8	J1901135	EJ5	10/15/07	36	J1901163	T18	10/15/07	64	J1901191	T45
9	J1901136	EJ7	10/15/07	37	J1901164	T19	10/15/07	65	J1901192	T46
10	J1901137	EJ7A	10/15/07	38	J1901165	T20	10/15/07			
11	J1901138	EJ9	10/15/07	39	J1901166	T21	10/15/07			
12	J1901139	HJ2	10/15/07	40	J1901167	T22	10/15/07			
13	J1901140	HJ3	10/15/07	41	J1901168	T23	10/15/07			
14	J1901141	HJ5	10/15/07	42	J1901169	T24	10/15/07			
15	J1901142	HJ7	10/15/07	43	J1901170	T25	10/15/07			
16	J1901143	HJ9	10/15/07	44	J1901171	T26	10/15/07			
17	J1901144	T01	10/15/07	45	J1901172	T27	10/15/07			
18	J1901145	T01G	10/15/07	46	J1901173	T28	10/15/07			
19	J1901146	T02	10/15/07	47	J1901174	T29	10/15/07			
20	J1901147	T03	10/15/07	48	J1901175	T30	10/15/07			
21	J1901148	T04	10/15/07	49	J1901176	T31	10/15/07			
22	J1901149	T05	10/15/07	50	J1901177	T32	10/15/07			
23	J1901150	T06	10/15/07	51	J1901178	T33	10/15/07			
24	J1901151	T07	10/15/07	52	J1901179	T34	10/15/07			
25	J1901152	T08	10/15/07	53	J1901180	T34G	10/15/07			
26	J1901153	T09	10/15/07	54	J1901181	T35	10/15/07	į		
27	J1901154	T10	10/15/07	55	J1901182	T36	10/15/07			
28	J1901155	T11	10/15/07	56	J1901183	T37	10/15/07	1		

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901128
L256809	CJ1	JACK	18	1	
					Job Reference (optional)

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Scale = 1:10.9

Plate Of	fsets (X,Y	'): [2:0-4-1,0-1-8]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.19	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.01	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	P12002	(Mati	rix)						Weight: 7 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 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=117(load case 6)

Max Uplift 2=-211(load case 6), 4=-11(load case 4), 3=-41(load case 1)

Max Grav 2=180(load case 1), 4=14(load case 2), 3=80(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/51, 2-3=-63/63

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 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 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 Continued on page 2



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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901128
L256809	CJ1	JACK	18	1	
					Job Reference (optional)

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NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 211 lb uplift at joint 2, 11 lb uplift at joint 4 and 41 lb uplift at joint 3.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901129
L256809	CJ3	JACK	14	1	
					Job Reference (optional)

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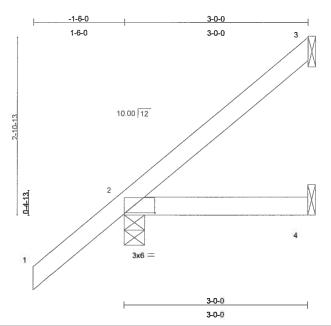


Plate Of	fsets (X,Y	'): [2:0-4-1,0-1-8]										
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	тс	0.20	Vert(LL)	0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.08	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL.	5.0	Code FBC2004/TF	212002	(Mat	rix)	, ,					Weight: 14 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=192(load case 6)

Max Uplift 3=-60(load case 6), 2=-164(load case 6), 4=-33(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=0/52, 2-3=-68/22

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 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 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 Continued on page 2



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Scale = 1:18.2

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901129
L256809	CJ3	JACK	14	1	
					Job Reference (optional)

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NOTES

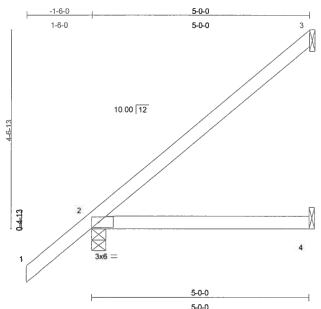
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 60 lb uplift at joint 3, 164 lb uplift at joint 2 and 33 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901130
L256809	CJ5	JACK	6	1	
					Job Reference (optional)

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5-0-0

Plate Of	ttsets (X,Y): [2:0-4-1,0-1-8]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.24	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/TF	PI2002	(Mat	rix)						Weight: 20 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=269(load case 6)

Max Uplift 3=-149(load case 6), 2=-171(load case 6), 4=-56(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=0/52, 2-3=-135/58

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.21

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 Continued on page 2



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Scale = 1 25.5

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901130
L256809	CJ5	JACK	6	1	
					Job Reference (optional)

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NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 149 lb uplift at joint 3, 171 lb uplift at joint 2 and 56 lb uplift at joint 4.

LOAD CASE(S) Standard

Julius Les Truss Cosion Choinear Planca Pie No. 3-1868 1-186 Chastal Bay Sive



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
1.050000	- 14	MOVE TRUES		_	J1901131
L256809	EJ1	MONO TRUSS	2	1	Job Reference (optional)
					Job Reference (optional)

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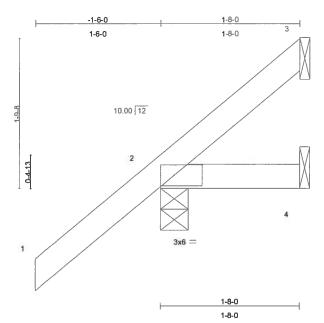


Plate Offsets (X,Y): [2:0-4-1,0-1-8] 2-0-0 CSI **DEFL GRIP** LOADING (psf) **SPACING** in (loc) I/defl L/d **PLATES** 20.0 1.25 TC -0.00 Plates Increase 0.18 Vert(LL) >999 360 MT20 244/190 TCLL 2 **TCDL** 7.0 1.25 BC 0.02 Vert(TL) -0.00 2 >999 240 Lumber Increase **BCLL** 10.0 Rep Stress Incr YES WB 0.00 Horz(TL) -0.00 3 n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 9 lb

LUMBER

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

TOP CHORD

1-8-0 oc purlins.

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

Structural wood sheathing directly applied or

bracing.

REACTIONS (lb/size) 2=174/0-4-0, 4=8/Mechanical, 3=5/Mechanical

Max Horz 2=143(load case 6)

Max Uplift 2=-151(load case 6), 3=-16(load case 7)

Max Grav 2=174(load case 1), 4=24(load case 2), 3=27(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/51, 2-3=-55/17

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.15

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 Continued on page 2

October 15,2007

Scale = 1 13 3

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901131
L256809	EJ1	MONO TRUSS	2	1	
					Job Reference (optional)

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NOTES

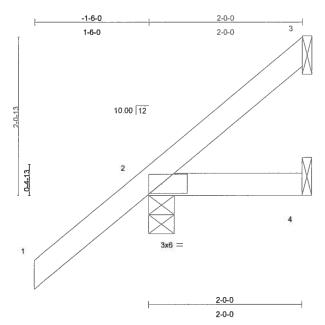
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 151 lb uplift at joint 2 and 16 lb uplift at joint 3.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901132
L256809	EJ2	MONO TRUSS	5	1	
					Job Reference (optional)

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Scale = 1,14,5

Plate Of	fsets (X,Y): [2:0-4-1,0-1-8]		CENTRAL ESS								
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.03	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 10 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 2-0-0 oc purlins.

BOT CHORD Rigid ceilin

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=156(load case 6)

Max Uplift 2=-139(load case 6), 3=-28(load case 7)

Max Grav 2=178(load case 1), 4=29(load case 2), 3=27(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/51, 2-3=-56/17

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.15

NOTES

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



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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901132
L256809	EJ2	MONO TRUSS	5	1	
					Job Reference (optional)

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NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 139 lb uplift at joint 2 and 28 lb uplift at joint 3.

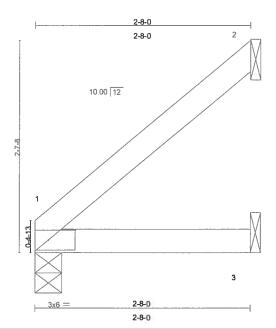
LOAD CASE(S) Standard

Julium Les Truss Cosidn Chainser Plonida Pia No. 3-1855 1406 Crastal Bay Flyd Beynton Besch, 4-L 55456



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901133
L256809	EJ2A	JACK	1	1	
					Job Reference (optional)

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Scale = 1:13.8

Plate Of	ffsets (X,Y): [1:0-4-1,0-1-8]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.09	Vert(LL)	-0.00	1-3	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.10	Vert(TL)	-0.01	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/TF	PI2002	(Mat	rix)						Weight: 9 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

2-8-0 oc purlins.

BOT CHORD

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

Diacing

REACTIONS (lb/size) 1=145/0-4-0, 2=66/Mechanical, 3=80/Mechanical

Max Horz 1=103(load case 5)

Max Uplift 1=-26(load case 5), 2=-93(load case 5), 3=-27(load case 3)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-75/36 BOT CHORD 1-3=0/0

JOINT STRESS INDEX 1 = 0.05

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- *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 26 lb uplift at joint 1, 93 lb uplift at joint 2 and 27 lb uplift at joint 3.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back Combued on page 2

Julium Less Truse Chadge Chamber Florida Pix No. 2-1898 1-106 Chamis Ray Sivel Boynton Baach, FL 25-156

October 15,2007

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
		14016			J1901133
L256809	EJ2A	JACK	1	1	Joh Reference (ontional)
				1	Job Reference (optional)

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LOAD CASE(S) Standard

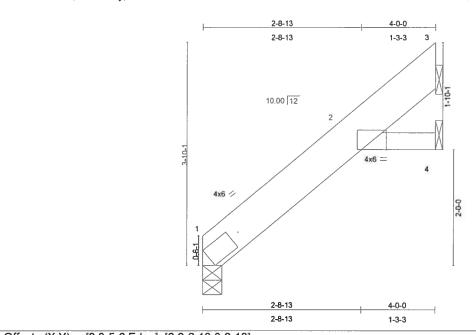
1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf)

Vert: 1-2=-54, 1-3=-65(F=-55)



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901134
L256809	EJ4	SPECIAL	3	1	
					Job Reference (optional)

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Scale = 1 19.1

Plate Of	tsets (X,Y): [2:0-5-2,Edge], [2:	2-6-10,0-2	2-13]		Ţ					1	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.05	Vert(LL)	0.01	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.01	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 19 lb	

LUMBER

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

BRACING

TOP CHORD **BOT CHORD** Structural wood sheathing directly applied or 4-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 1=131/0-4-0, 4=6/Mechanical, 3=123/Mechanical

Max Horz 1=152(load case 6) Max Uplift 3=-128(load case 6)

Max Grav 1=131(load case 1), 4=19(load case 2), 3=123(load case 1)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-132/18, 2-3=-111/83

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.01 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 Continued on page 2

October 15,2007

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901134
L256809	EJ4	SPECIAL	3	1	
					Job Reference (optional)

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NOTES

- 4) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 128 lb uplift at joint 3.

LOAD CASE(S) Standard

Julius Les Truss Ceston Chothest Plorida ME No 3-1868 1406 Chastal Bay Blod Boothon Basch E. 30436



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901135
L256809	EJ5	MONO TRUSS	5	1	
					Job Reference (optional)

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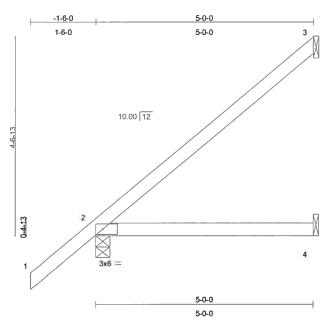


Plate Off	sets (X,Y): [2:0-4-1,0-1-8]										
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.16	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 20 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=269(load case 6)

Max Uplift 3=-149(load case 6), 2=-111(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=0/52, 2-3=-135/58

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.21

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 Continued on page 2



October 15,2007

Scale = 1 25 5

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901135
L256809	EJ5	MONO TRUSS	5	1	
					Job Reference (optional)

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NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 149 lb uplift at joint 3 and 111 lb uplift at joint 2.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
			1		J1901136
L256809	EJ7	MONO TRUSS	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:39:43 2007 Page 1

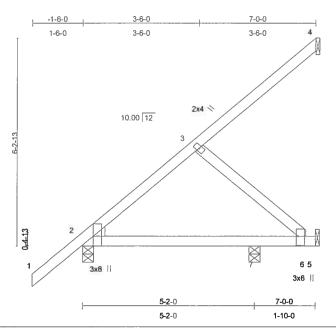


Plate Offsets (X,Y): [2:0-3-8,Edge], [6:0-3-6,0-0-11]

LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.20	Vert(LL)	0.03	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.14	Vert(TL)	-0.02	2-7	>999	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/TF	PI2002	(Mat	rix)						Weight: 34 lb	

LUMBER

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

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD

BOT CHORD

6-0-0 oc purlins.
Rigid ceiling directly applied or 10-0-0 oc

Structural wood sheathing directly applied or

bracing.

REACTIONS (lb/size) 4=78/Mechanical, 2=304/0-4-0, 5=88/Mechanical, 7=54/0-4-0

Max Horz 2=248(load case 6)

Max Uplift 4=-66(load case 6), 2=-125(load case 6), 5=-60(load case 6), 7=-75(load

case 5)

Max Grav 4=78(load case 1), 2=304(load case 1), 5=88(load case 1), 7=142(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/52, 2-3=-211/0, 3-4=-86/37

BOT CHORD

2-7=-183/117, 6-7=-183/117, 5-6=0/0

WEBS

3-6=-155/243

JOINT STRESS INDEX

2 = 0.42, 2 = 0.00, 3 = 0.13 and 6 = 0.09

Julius Les Truss Casion Engineer Ploficia PE No. 24200 1406 Chestel Pay Alvi Seviton Beach, E. 103406

October 15,2007

Scale = 1:33.4

Continued on page 2





1	Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
						J1901136
	L256809	EJ7	MONO TRUSS	1	1	
						Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:39:43 2007 Page 2

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 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 66 lb uplift at joint 4, 125 lb uplift at joint 2, 60 lb uplift at joint 5 and 75 lb uplift at joint 7.

LOAD CASE(S) Standard

Julius Lee Trues Design Chansor Florida PB No. 34869 1106 Chastel May Blvd Boviton Besch, FL 55455



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901137
L256809	EJ7A	MONO TRUSS	6	1	
					Job Reference (optional)

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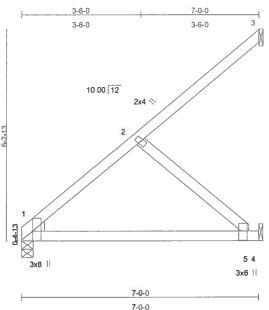


Plate Of	ffsets (X,Y	'): [1:0-3-8,Edge], [5:	0-3-6,0-0-	13]								
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	-0.07	1-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.26	Vert(TL)	-0.13	1-5	>615	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	PI2002	(Mat	rix)						Weight: 31 lb	

LUMBER

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

2 X 4 SYP No.3 WEBS

WEDGE

Left: 2 X 4 SYP No.3

BRACING

TOP CHORD

6-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

Structural wood sheathing directly applied or

bracing.

REACTIONS (lb/size) 3=74/Mechanical, 4=143/Mechanical, 1=217/0-4-0

Max Horz 1=188(load case 6)

Max Uplift 3=-65(load case 6), 4=-76(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=-206/0, 2-3=-86/35

BOT CHORD

1-5=-183/135, 4-5=0/0

WEBS

2-5=-179/242

JOINT STRESS INDEX

1 = 0.60, 1 = 0.00, 2 = 0.13 and 5 = 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 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

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

October 15,2007

Scale = 1 32 9

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
			_		J1901137
L256809	EJ7A	MONO TRUSS	6	1	1.1.5.6
					Job Reference (optional)

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4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 65 lb uplift at joint 3 and 76 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901138
L256809	EJ9	MONO TRUSS	1	1	
					Job Reference (optional)

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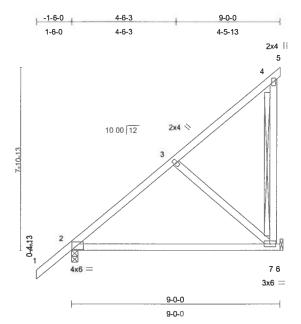


Plate Of	fsets (X,Y	'): [2:0-6-3,0-0-6]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.Ó	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.13	2-7	>797	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.22	Vert(TL)	-0.22	2-7	>459	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.11	Horz(TL)	-0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 53 lb	

LUMBER

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

BRACING

TOP CHORD

BOT CHORD

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

bracing.

WEBS

T-Brace:

2 X 4 SYP No.3 - 4-7 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=273/Mechanical, 2=371/0-3-8

Max Horz 2=301(load case 6)

Max Uplift 7=-174(load case 6), 2=-50(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-280/0, 3-4=-106/50, 4-5=-3/0, 4-7=-96/132

BOT CHORD 2-7=-196/162, 6-7=0/0

WEBS 3-7=-198/255

JOINT STRESS INDEX

2 = 0.68, 3 = 0.14, 4 = 0.46 and 7 = 0.53

October 15,2007

Scale: 1/4"=1"

Continued on page 2

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901138
L256809	EJ9	MONO TRUSS	1	1	
					Job Reference (optional)

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NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *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 174 lb uplift at joint 7 and 50 lb uplift at joint 2.

LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901139
L256809	HJ2	JACK	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:39:44 2007 Page 1

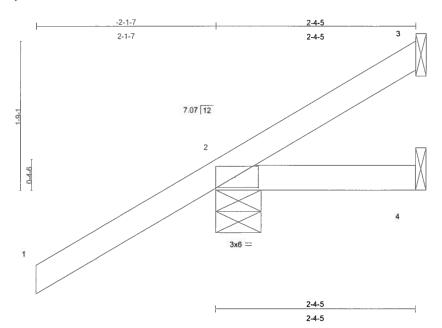


Plate Of	fsets (X,Y	'): [2:0-3-5,0-1-8]										
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.34	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.03	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)						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

2-4-5 oc purlins.
BOT CHORD Rigid ceiling dire

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

REACTIONS (lb/size) 3=-46/Mechanical, 2=224/0-6-6, 4=5/Mechanical

Max Horz 2=91(load case 5)

Max Uplift 3=-46(load case 1), 2=-226(load case 5)

Max Grav 3=81(load case 5), 2=224(load case 1), 4=25(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/58, 2-3=-53/45

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.11

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 46 lb uplift at joint 3 and 226 lb uplift at joint 2.

Julium Lem Truss Coston Endincer Pichida Per No. 3-1888 1-186 Constal May Slyd

October 15,2007

Scale = 1.13.1

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901139
L256809	HJ2	JACK	1	1	
					Job Reference (optional)

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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=-5(F=25, B=25)-to-3=-41(F=6, B=6), 2=0(F=5, B=5)-to-4=-8(F=1, B=1)

Julium Les Trues Cesion Endineer Planda Fiz No. 11969 1186 Grantal Bay Sivi Boviton teach, it 25426



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901140
L256809	HJ3	JACK	1	1	
					Job Reference (optional)

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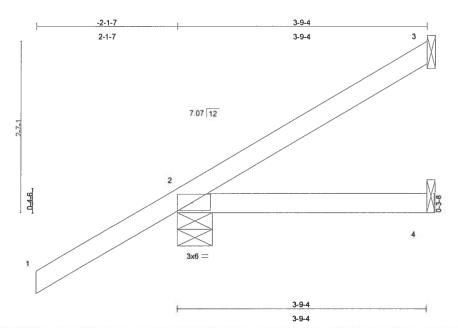


Plate Of	fsets (X,Y	(): [2:0-3-5,0-1-8]										
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(ioc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.34	Vert(LL)	-0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.08	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 16 lb	
						1						

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 3-9-4 oc purlins.

3-9-4 oc punins

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

bracing.

REACTIONS (ib/size) 3=16/Mechanical, 2=212/0-6-7, 4=11/Mechanical

Max Horz 2=110(load case 5) Max Uplift 2=-177(load case 5)

Max Grav 3=85(load case 3), 2=212(load case 1), 4=45(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/58, 2-3=-43/45

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.11

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 177 lb uplift at joint 2.

Continued on page 2

Julius Lees Truse Coedan Chainser Florida Fiz No. 3-1888 1892 Chastel Bay Blyd Boynton Beadh, FL 20435

October 15,2007

Scale = 1:16.8

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

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



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901140
L256809	HJ3	JACK	1	1	
					Job Reference (optional)

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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

 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=-51(F=2, B=2), 2=0(F=5, B=5)-to-4=-9(F=0, B=0)

Julius Lee Truss Cesion Endincer Plonds PE No. 3-1809 1400 Crestal Bay Blyd



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF	
L256809	HJ5	SPECIAL	2	1	J190114	11
L200000					Job Reference (optional)	

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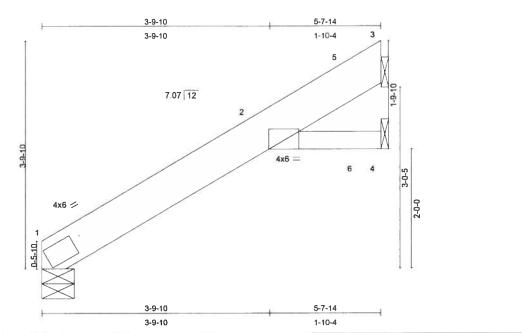


Plate Of	fsets (X,Y)	: [2:0-0-0,0-0-0], [2:3	-5-10,0-4-	1]	2005							
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	i/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.06	Vert(LL)	-0.01	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.02	1-2	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	PI2002	(Mati	rix)	, ,					Weight: 24 lb	

LUMBER

TOP CHORD 2 X 8 SYP 2400F 2.0E

BOT CHORD 2 X 4 SYP No.2

BRACING

TOP CHORD

Structural wood sheathing directly applied or

5-7-14 oc purlins.

BOT CHORD

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

REACTIONS (lb/size) 1=108/0-6-7, 4=11/Mechanical, 3=165/Mechanical

Max Horz 1=103(load case 5) Max Uplift 3=-129(load case 5)

Max Grav 1=126(load case 3), 4=29(load case 2), 3=165(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-106/12, 2-5=-84/33, 3-5=-76/89

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

JOINT STRESS INDEX

2 = 0.01 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.
- *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 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 3.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

October 15,2007

Scale = 1:18.6

Continued on page 2

OND CASE Standard

OND CASE Standard

Warning Standard and Read Notes on this and included mitek reference page Mil-7473 Before use

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



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
L256809	HJ5	SPECIAL	2	1	J1901141
		0. 202	_	'	Job Reference (optional)

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LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 3-5=-54, 4-6=-10

Trapezoidal Loads (plf)

Vert: 1=-11(F=27, B=27)-to-2=-66(F=-0, B=-0), 2=-55(F=-0, B=-0)-to-5=-76(F=-11, B=-11), 2=-10(F=-0, B=-0)-to-6=-14(F=-2, B=-2)



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901142
L256809	HJ7	JACK	4	1	
					Job Reference (optional)

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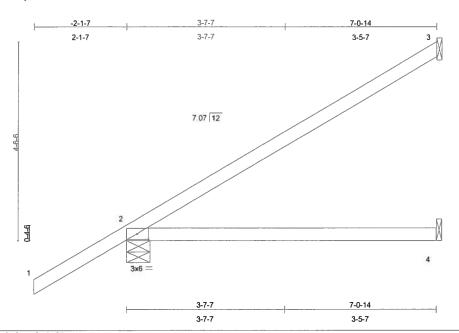


Plate Of	fsets (X,Y): [2:0-3-5,0-1-8]										
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATE\$	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	-0.08	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.15	2-4	>555	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	P12002	(Mat	rix)						Weight: 27 lb	

LUMBER

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

TOP CHORD
BOT CHORD

Structural wood sheathing directly applied or 7-0-14 oc purlins.

7-0-14 oc puriiris.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 3=190/Mechanical, 2=287/0-6-6, 4=45/Mechanical

Max Horz 2=248(load case 5)

Max Uplift 3=-205(load case 5), 2=-135(load case 5)

Max Grav 3=190(load case 1), 2=287(load case 1), 4=99(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/58, 2-3=-135/68

BOT CHORD 2

2-4=0/0

JOINT STRESS INDEX

2 = 0.46

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- *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 205 lb uplift at joint 3 and 135 lb uplift at joint 2.

Continued on page 2



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Scale = 1:25 4

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

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



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901142
L256809	HJ7	JACK	4	1	
					Job Reference (optional)

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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

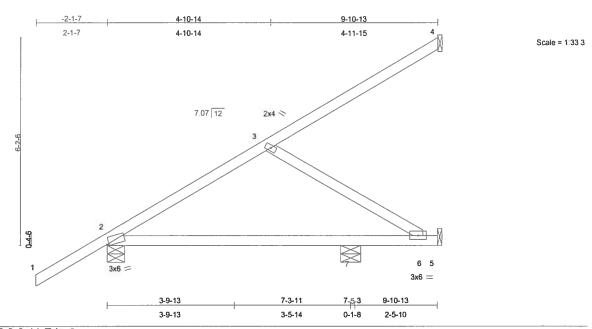
Trapezoidal Loads (plf)

Vert: 2=-4(F=25, B=25)-to-3=-95(F=-21, B=-21), 2=0(F=5, B=5)-to-4=-18(F=-4, B=-4)



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901143
L256809	HJ9	MONO TRUSS	3	1	
					Job Reference (optional)

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sets (X,Y): [2:0-0-11,Edge]									Ţ	
G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.05	2-7	>999	360	MT20	244/190
7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.07	2-7	>999	240		
10.0	* Rep Stress Incr	NO	WB	0.20	Horz(TL)	-0.01	5	n/a	n/a		
5.0	Code FBC2004/TF	212002	(Mat	rix)						Weight: 44 lb	
	(psf) 20.0 7.0 10.0	G (psf) SPACING 20.0 Plates Increase 7.0 Lumber Increase 10.0 * Rep Stress Incr	G (psf) SPACING 2-0-0 20.0 Plates Increase 1.25 7.0 Lumber Increase 1.25 10.0 * Rep Stress Incr NO	G (psf) SPACING 2-0-0 CSI 20.0 Plates Increase 1.25 TC 7.0 Lumber Increase 1.25 BC 10.0 * Rep Stress Incr NO WB	G (psf) SPACING 2-0-0 CSI 20.0 Plates Increase 1.25 TC 0.50 7.0 Lumber Increase 1.25 BC 0.26 10.0 * Rep Stress Incr NO WB 0.20	(psf) SPACING 2-0-0 CSI DEFL 20.0 Plates Increase 1.25 TC 0.50 Vert(LL) 7.0 Lumber Increase 1.25 BC 0.26 Vert(TL) 10.0 * Rep Stress Incr NO WB 0.20 Horz(TL)	(psf) SPACING 2-0-0 CSI DEFL in 20.0 Plates Increase 1.25 TC 0.50 Vert(LL) -0.05 7.0 Lumber Increase 1.25 BC 0.26 Vert(TL) -0.07 10.0 * Rep Stress Incr NO WB 0.20 Horz(TL) -0.01	(psf) SPACING 2-0-0 CSI DEFL in (loc) 20.0 Plates Increase 1.25 TC 0.50 Vert(LL) -0.05 2-7 Lumber Increase 1.25 BC 0.26 Vert(TL) -0.07 2-7 10.0 * Rep Stress Incr NO WB 0.20 Horz(TL) -0.01 5	G (psf) SPACING 2-0-0 CSI DEFL in (loc) I/defl 20.0 Plates Increase 1.25 TC 0.50 Vert(LL) -0.05 2-7 >999 7.0 Lumber Increase 1.25 BC 0.26 Vert(TL) -0.07 2-7 >999 10.0 * Rep Stress Incr NO WB 0.20 Horz(TL) -0.01 5 n/a	G (psf) SPACING 2-0-0 CSI DEFL in (loc) I/defl L/d 20.0 Plates Increase 1.25 TC 0.50 Vert(LL) -0.05 2-7 >999 360 7.0 Lumber Increase 1.25 BC 0.26 Vert(TL) -0.07 2-7 >999 240 10.0 * Rep Stress Incr NO WB 0.20 Horz(TL) -0.01 5 n/a n/a	(psf) SPACING 2-0-0 CSI DEFL in (loc) I/defl L/d PLATES 20.0 Plates Increase 1.25 TC 0.50 Vert(LL) -0.05 2-7 >999 360 MT20 7.0 Lumber Increase 1.25 BC 0.26 Vert(TL) -0.07 2-7 >999 240 10.0 * Rep Stress Incr NO WB 0.20 Horz(TL) -0.01 5 n/a n/a

L	U	M	В	F	ŀ	₹
_	_	_	_			_

WEBS

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

2 X 4 SYP No.3

BRACING

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

6-0-0 oc purlins.

Rigid ceiling directly applied or 9-10-10 oc

bracing.

REACTIONS (lb/size) 4=244/Mechanical, 2=384/0-6-6, 5=180/Mechanical, 7=96/0-7-3

Max Horz 2=440(load case 5)

Max Uplift 4=-300(load case 5), 2=-214(load case 5), 5=-157(load case 5), 7=-83(load

case 6)

Max Grav 4=244(load case 1), 2=384(load case 1), 5=180(load case 1), 7=222(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/58, 2-3=-383/4, 3-4=-192/90

BOT CHORD

2-7=-362/312, 6-7=-362/312, 5-6=0/0

WEBS

3-6=-364/423

JOINT STRESS INDEX

2 = 0.82, 3 = 0.22 and 6 = 0.12

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp 🕏 B; enclosed; MWFRS gable end zone; porch left exposed; Lumber DOL=1.60 plate grip
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other Continued on page 2

October 15,2007

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901143
L256809	HJ9	MONO TRUSS	3	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 300 lb uplift at joint 4, 214 lb uplift at joint 2, 157 lb uplift at joint 5 and 83 lb uplift at joint 7.
- 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)



AARON SIMQUE / ZAC COOK / FLOOR Job Truss Truss Type Qty Ply J1901144 L256809 T01 COMMON Job Reference (optional)

Builders FirstSource, Lake City, FI 32055

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Scale = 1:38.8

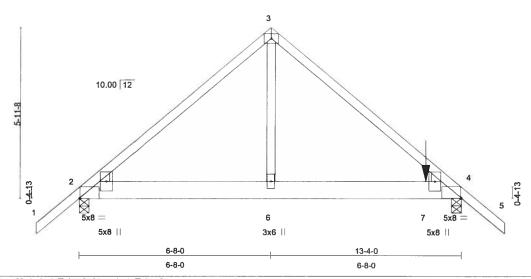


Plate Of	fsets (X,Y)	: [2:0-0-4,Edge], [4:0	-0-4,Edge]									
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defi	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.21	Vert(LL)	-0.03	4-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.00	ВС	0.40	Vert(TL)	-0.06	4-6	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.13	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	212002	(Mat	rix)						Weight: 164 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 8 SYP 2400F 2.0E

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=701/0-4-0, 4=2651/0-4-0

Max Horz 2=-149(load case 3)

Max Uplift 2=-213(load case 5), 4=-752(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/56, 2-3=-914/228, 3-4=-901/224, 4-5=0/56

BOT CHORD 2-6=-92/616, 6-7=-92/616, 4-7=-92/616

WEBS 3-6=-127/652

JOINT STRESS INDEX

2 = 0.36, 2 = 0.10, 3 = 0.28, 4 = 0.36, 4 = 0.10 and 6 = 0.13

1) 2-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 - 2 rows at 0-3-0 oc. Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.

October 15,2007

a) Linbalanced rog Live loads have been considered for this design.

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / FLOOR
4					J1901144
L256809	T01	COMMON	1	2	Joh Deference (entional)
5 11 51 10					Job Reference (optional)

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NOTES

- 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) 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 213 lb uplift at joint 2 and 752 lb uplift at joint 4.

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: 1-3=-54, 3-5=-54, 2-4=-10

Concentrated Loads (lb) Vert: 7=-2340(F)

> Judius Less Trues Coston Engineer Plonick Pill No. 34888 1100 Cassiel Pay Blod Boomon Bastel C. 19445



Job Truss Truss Type Qty Ply AARON SIMQUE / ZAC COOK / ROOF J1901145 L256809 T01G **GABLE** 1 Job Reference (optional) Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:39:49 2007 Page 1 -1-6-0 13-4-0 14-10-0 1-6-0 6-8-0 6-8-0 Scale = 1:36.2 4x6 = 7 8 10 00 12 9 3x6 4 3x6 N 4x6 = 4x6 = 13-4-0 13-4-0 **SPACING PLATES GRIP** LOADING (psf) 2-0-0 CSI **DEFL** in (loc) I/defl L/d **TCLL** 20.0 TC 0.20 -0.01 13 120 MT20 244/190 Plates Increase 1.25 Vert(LL) n/r TCDL 7.0 Lumber Increase 1.25 BC 0.04 Vert(TL) -0.01 13 n/r 90 10.0 * Rep Stress Incr WB 0.06 0.00 12 BCLL NO Horz(TL) n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 89 lb **LUMBER BRACING** TOP CHORD 2 X 4 SYP No.2 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. BOT CHORD 2 X 4 SYP No.2 **OTHERS** 2 X 4 SYP No.3 **BOT CHORD** Rigid ceiling directly applied or 10-0-0 oc bracing. REACTIONS (lb/size) 2=220/13-4-0, 12=220/13-4-0, 17=84/13-4-0, 18=100/13-4-0, 19=87/13-4-0, 20=140/13-4-0, 16=100/13-4-0, 15=87/13-4-0, 14=140/13-4-0 Max Horz 2=-188(load case 4) Max Uplift 2=-119(load case 6), 12=-140(load case 7), 18=-72(load case 6), 19=-108(load case 6), 20=-76(load case 7), 16=-66(load case 7), 15=-108(load case 7), 14=-75(load case 7) Max Grav 2=220(load case 1), 12=220(load case 1), 17=120(load case 7), 18=103(load case 10), 19=87(load case 10), 20=140(load case 1), 16=103(load case 11), 15=87(load case 11), 14=140(load case 1) FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=0/60, 2-3=-138/106, 3-4=-131/116, 4-5=-87/102, 5-6=-42/116, 6-7=-39/152, 7-8=-39/152, 8-9=-38/103, 9-10=-44/40, 10-11=-74/58, 11-12=-80/49, 12-13=0/60 **BOT CHORD** 2-20=-20/180, 19-20=-20/180, 18-19=-20/180, 17-18=-20/180, 16-17=-20/180, Engineer 15-16=-20/180, 14-15=-20/180, 12-14=-20/180 WEBS 7-17=-115/0, 6-18=-88/82, 5-19=-77/107, 4-20=-119/96, 8-16=-88/77, 9-15=-77/108, 10-14=-119/100

JOINT STRESS INDEX

2 = 0.64, 3 = 0.00, 3 = 0.16, 4 = 0.07, 5 = 0.05, 6 = 0.05, 7 = 0.08, 8 = 0.05, 9 = 0.05, 10 = 0.07, 11 = 0.00, 11 = 0.16, 12 = 0.64, 14 = 0.06, 15 = 0.06, 16 = 0.05, 17 = 0.03, 18 = 0.05, 19 = 0.06 and 20 = 0.06

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901145
L256809	T01G	GABLE	1	1	
					Job Reference (optional)

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NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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 119 lb uplift at joint 2, 140 lb uplift at joint 12, 72 lb uplift at joint 18, 108 lb uplift at joint 19, 76 lb uplift at joint 20, 66 lb uplift at joint 16, 108 lb uplift at joint 15 and 75 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).
- 11) Gable truss supports 12" max. rake gable overhang.

LOAD CASE(S) Standard

 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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901146
L256809	T02	COMMON	3	1	
					Job Reference (optional)

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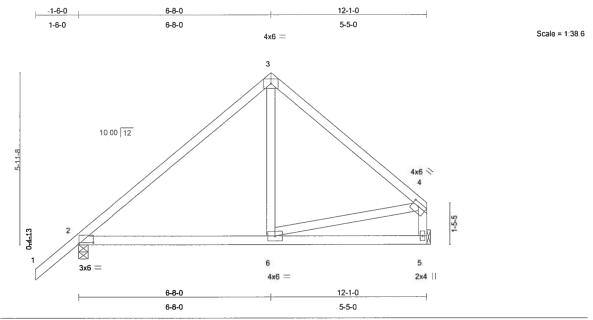


Plate Of	fsets (X,Y	(): [2:0-6-3,0-0-10], [4	1:0-2-12,0	-1-8]					-1-11-			
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.04	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.22	Vert(TL)	-0.08	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)						Weight: 62 lb	

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

WEBS

2 X 4 SYP No.3

BRACING

TOP CHORD

BOT CHORD

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

REACTIONS (lb/size) 2=473/0-4-0, 5=370/Mechanical

Max Horz 2=177(load case 5)

Max Uplift 2=-151(load case 6), 5=-68(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/52, 2-3=-415/179, 3-4=-380/195, 4-5=-351/193

BOT CHORD

2-6=-50/232, 5-6=-85/116 3-6=0/176, 4-6=-118/187

JOINT STRESS INDEX

2 = 0.68, 3 = 0.67, 4 = 0.73, 5 = 0.41 and 6 = 0.08

NOTES

WEBS

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901146
L256809	T02	COMMON	3	1	
					Job Reference (optional)

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5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 151 lb uplift at joint 2 and 68 lb uplift at joint 5.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF	
						J1901147
L256809	T03	MONO HIP	1	1		
	9/194				Job Reference (optional)	

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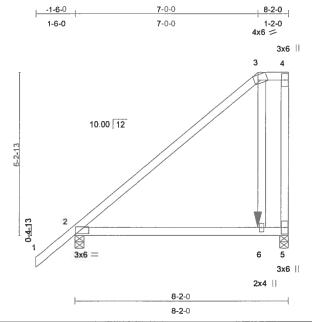


Plate Of	fsets (X,Y)	: [2:0-6-3,0-0-10], [3:	0-1-13,Edg	je]								
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L∕d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.67	Vert(LL)	0.15	2-6	>642	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.65	Vert(TL)	-0.23	2-6	>408	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.08	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 47 lb	

LUMBER

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

WEBS

2 X 4 SYP No.2 *Except*

3-6 2 X 4 SYP No.3

BRACING

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

oc purlins, except end verticals.

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

REACTIONS (lb/size) 5=676/0-4-0, 2=401/0-4-0

Max Horz 2=252(load case 5)

Max Uplift 5=-458(load case 5), 2=-117(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/52, 2-3=-250/46, 3-4=-94/60, 4-5=-214/164

BOT CHORD 2-6=-65/96, 5-6=-63/96

WEBS

3-6=-125/120

JOINT STRESS INDEX

2 = 0.52, 3 = 0.41, 4 = 0.77, 5 = 0.87 and 6 = 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; Lumber DOL=1.60 plate grip DOL=1.60.
- 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 458 lb uplift at joint 5 and 117 lb uplift at joint 2.

6) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.

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 BCS-I1 or HIB-91 Handling installing and Bracing Recommendation authorities (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



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Scale = 1:42.6

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF	
					J1901	147
L256809	T03	MONO HIP	1	1		
				}	Job Reference (optional)	

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NOTES

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)

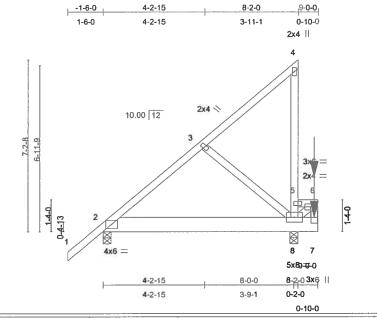
Vert: 1-3=-54, 3-4=-117(F=-63), 2-6=-10, 5-6=-22(F=-12)

Concentrated Loads (lb) Vert: 6=-411(F)



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / FLOOR
					J1901148
L256809	T04	SPECIAL	1	2	
		1			Job Reference (optional)

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LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.10	Vert(LL)	-0.01	2-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.00	BC	0.07	Vert(TL)	-0.01	2-8	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.02	Horz(TL)	-0.00	8	n/a	n/a		
BCDL	5.0	Code FBC2004/7	PI2002	(Mat	rix)						Weight: 132 lb	

LUMBER

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

WEBS 2 X 4 SYP No.3

BRACING

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

oc purlins, except end verticals.

Rigid ceiling directly applied or 6-0-0 oc bracing. **BOT CHORD**

REACTIONS (lb/size) 8=4383/0-4-0, 2=319/0-4-0

Max Horz 2=463(load case 5)

Max Uplift 8=-1367(load case 5), 2=-7(load case 3) Max Grav 8=4383(load case 1), 2=321(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/56, 2-3=-245/31, 3-4=-172/58, 5-8=-118/57, 4-5=-89/132, 5-6=-68/95, 6-7=-99/155

BOT CHORD 2-8=-222/135, 7-8=-28/22

WEBS 3-8=-176/165, 6-8=-97/68

JOINT STRESS INDEX

2 = 0.08, 3 = 0.05, 4 = 0.22, 5 = 0.24, 6 = 0.09, 7 = 0.03 and 8 = 0.03

1) 2-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 - 2 rows at 0-9-0 oc.

Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.

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

4) Wind: ASCE 7-02; 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.

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Scale = 1:46.6

Continued on page 2 warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

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



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / FLOOR
					J1901148
L256809	T04	SPECIAL	1	2	
					Job Reference (optional)

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NOTES

5) Provide adequate drainage to prevent water ponding.

- 6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) All 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 1367 lb uplift at joint 8 and 7 lb uplift at joint 2.

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

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

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

Concentrated Loads (lb)

Vert: 8=-3783(B) 7=-273(F)

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901149
L256809	T05	MONO TRUSS	2	1	
					Job Reference (optional)

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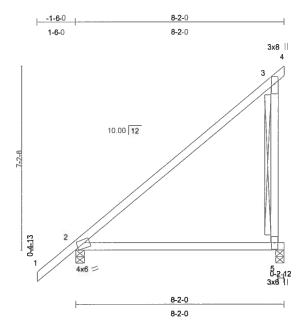


Plate Of	fsets (X,Y): [2:0-1-3,Edge]										
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.74	Vert(LL)	-0.09	2-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.25	Vert(TL)	-0.17	2-5	>533	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 41 lb	

L	U	M	В	E	ł	₹

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

BRACING

WEBS

TOP CHORD

BOT CHORD

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

bracing.

2 X 4 SYP No.3 - 3-5

Scale = 1 43 5

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

Structural wood sheathing directly applied or

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 5=255/0-4-0, 2=343/0-4-0

Max Horz 2=278(load case 6)

Max Uplift 5=-159(load case 6), 2=-52(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-196/73, 3-4=-13/0, 3-5=-186/276

BOT CHORD 2-5=-49/47

JOINT STRESS INDEX

2 = 0.71, 3 = 0.67 and 5 = 0.37

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.

Continued on page 2

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901149
L256809	T05	MONO TRUSS	2	1	
					Job Reference (optional)

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NOTES

- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 159 lb uplift at joint 5 and 52 lb uplift at joint 2.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
L256809	T06	MONO TRUSS	4	4	J1901150
L230009	100	MONO TROSS	'	<u>'</u>	Job Reference (optional)

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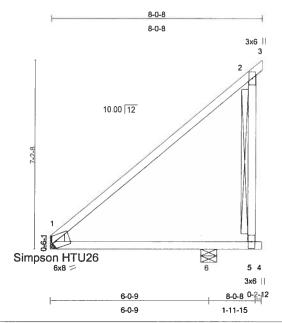


Plate Of	ffsets (X,Y	'): [1:Edge,0-2-13]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.06	`1-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.62	Vert(TL)	-0.06	1-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	2002	(Mat	rix)	` ′					Weight: 38 lb	

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

TOP CHORD **BOT CHORD**

BRACING

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

Structural wood sheathing directly applied or

WEBS T-Brace:

2 X 4 SYP No.3 - 2-5 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) 1=167/Mechanical, 6=338/0-7-3

Max Horz 1=218(load case 6) Max Uplift 6=-216(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=-235/109, 2-3=-13/0, 2-5=-199/298

BOT CHORD 1-6=-9/11, 5-6=-9/11, 4-5=0/0

JOINT STRESS INDEX

1 = 0.88, 1 = 0.00, 2 = 0.56 and 5 = 0.40

Continued on page 2

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Scale = 1:42.4



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901150
L256809	T06	MONO TRUSS	1	1	
					Job Reference (optional)

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NOTES

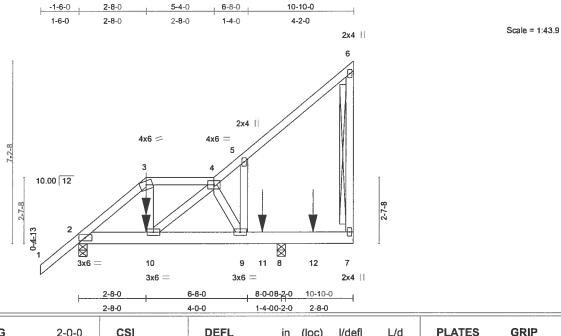
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; cantilever right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *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 216 lb uplift at joint 6.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
L256809	Т07	SPECIAL	1	1	Job Reference (optional)

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LUMBER

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

2 X 4 SYP No.3 WEBS

BRACING

TOP CHORD

BOT CHORD WEBS

Structural wood sheathing directly applied or 6-0-0

oc purlins, except end verticals.

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

T-Brace:

2 X 4 SYP No.3 - 6-7

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.

(lb/size) 2=399/0-4-0, 8=1210/0-4-0 **REACTIONS**

> Max Horz 2=278(load case 5) Max Uplift 2=-111(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/55, 2-3=-370/128, 3-4=-247/95, 4-5=-180/104, 5-6=-81/48, 6-7=-86/86 TOP CHORD

2-10=-166/242, 9-10=-78/62, 9-11=-10/0, 8-11=-10/0, 8-12=-10/0, 7-12=-10/0 **BOT CHORD**

WEBS 3-10=-61/132, 5-9=-292/162, 4-10=-184/246, 4-9=-154/148

JOINT STRESS INDEX

2 = 0.38, 3 = 0.11, 4 = 0.19, 5 = 0.17, 6 = 0.44, 7 = 0.61, 9 = 0.10 and 10 = 0.15

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; cantilever right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) 250.0lb AC unit load placed on the bottom chord, 8-3-0 from left end, supported at two points, 2-0-0
- 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.

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Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
L256809	T07	SPECIAL	1	1	
					Job Reference (optional)

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NOTES

- 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 111 lb uplift at joint 2.
- 7) Girder carries hip end with 5-6-0 right side setback, 2-8-0 left side setback, and 2-8-0 end setback.
- 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=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-54, 3-4=-54, 4-6=-54, 2-9=-10, 7-9=-110(F=-100)

Concentrated Loads (lb)

Vert: 10=-179(F) 11=-125 12=-125

Vert: 10=-113(F) 11=-125 12=-125

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

Uniform Loads (plf)

Vert: 1-3=-14, 3-4=-14, 4-6=-14, 2-9=-30, 7-9=-50(F=-20)

Concentrated Loads (lb)

trated Loads (lb)

3) MWFRS Wind Left: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=12, 2-3=-10, 3-4=29, 4-6=-10, 2-9=-6, 7-9=-26(F=-20)

Horz: 1-2=-20, 2-3=1, 4-6=1

Concentrated Loads (lb)

Vert: 10=79(F) 11=-125 12=-125

4) MWFRS Wind Right: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=7, 2-3=14, 3-4=12, 4-6=14, 2-9=-6, 8-9=-26(F=-20), 7-8=-1(F=-20)

Horz: 1-2=-16, 2-3=-23, 4-6=-23

Concentrated Loads (lb)

Vert: 10=44(F) 11=-125 12=-125

5) MWFRS 1st Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=42, 2-3=24, 3-4=24, 4-6=24, 2-9=-6, 7-9=-26(F=-20)

Horz: 1-2=-51, 2-3=-32, 4-6=-32

Concentrated Loads (lb)

Vert: 10=66(F) 11=-125 12=-125

6) MWFRS 2nd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=5, 2-3=12, 3-4=12, 4-6=12, 2-9=-6, 8-9=-26(F=-20), 7-8=-1(F=-20)

Horz: 1-2=-14, 2-3=-20, 4-6=-20

Concentrated Loads (lb)

Vert: 10=39(F) 11=-125 12=-125

7) MWFRS 3rd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=42, 2-3=24, 3-4=24, 4-6=24, 2-9=-6, 7-9=-26(F=-20)

Horz: 1-2=-51, 2-3=-32, 4-6=-32

Concentrated Loads (lb)

Vert: 10=66(F) 11=-125 12=-125

8) MWFRS 4th Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

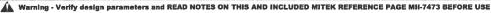
Vert: 1-2=5, 2-3=12, 3-4=12, 4-6=12, 2-9=-6, 8-9=-26(F=-20), 7-8=-1(F=-20)

Horz: 1-2=-14, 2-3=-20, 4-6=-20

Concentrated Loads (lb)

Vert: 10=39(F) 11=-125 12=-125

Julius Les Truss Casion Engineer Florida PE No. 34866 1400 Grantel Bay Blvd







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October 15,2007

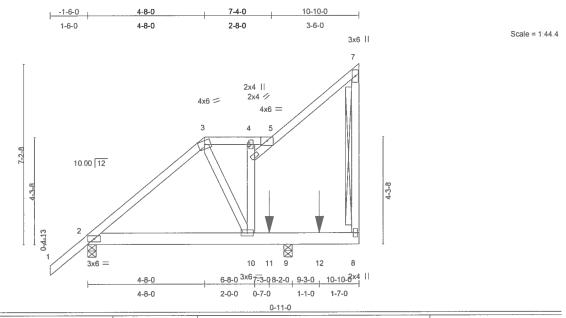
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

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 BCS-1 or HIB-91 Handfling installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901152
L256809	T08	ROOF TRUSS	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:39:53 2007 Page 1



LOADING TCLL TCDL	(psf) 20.0 7.0	SPACING Plates Increase Lumber Increase	2-0-0 1.25 1.25	CSI TC BC	0.31 0.51	DEFL Vert(LL) Vert(TL)	in -0.02 -0.04	(loc) 2-10 2-10	l/defl >999 >999	L/d 360 240	PLATES MT20	GRIP 244/190
BCLL	10.0	* Rep Stress Incr	NO	WB	0.26	Horz(TL)	-0.00	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 71 lb	

LUMBER

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

2 X 4 SYP No.3

WEBS

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 - 7-8 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=281/0-4-0, 9=1149/0-4-0

Max Horz 2=278(load case 6) Max Uplift 2=-67(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/54, 2-3=-161/38, 3-4=-142/34, 4-5=-198/130, 5-6=-123/66, 5-7=-85/45, TOP CHORD

7-8=-75/104

2-10=-102/30, 10-11=-15/1, 9-11=-15/1, 9-12=-15/1, 8-12=-15/1 **BOT CHORD**

WEBS 6-10=-210/90, 4-6=-161/70, 3-10=-147/268

JOINT STRESS INDEX

2 = 0.23, 3 = 0.42, 4 = 0.08, 5 = 0.11, 6 = 0.09, 7 = 0.23, 8 = 0.81 and 10 = 0.17

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Continued on page 2

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901152
L256809	T08	ROOF TRUSS	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; 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) 250.0lb AC unit load placed on the bottom chord, 8-3-0 from left end, supported at two points, 2-0-0 apart.
- 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 67 lb uplift at joint 2.
- 7) 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=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-54, 3-5=-54, 5-7=-54, 2-10=-10, 8-10=-110(F=-100)

Concentrated Loads (lb)

Vert: 11=-125 12=-125

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

Uniform Loads (plf)

Vert: 1-3=-14, 3-5=-14, 5-7=-14, 2-10=-30, 8-10=-50(F=-20)

Concentrated Loads (lb)

Vert: 11=-125 12=-125

3) C-C Wind: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=61, 2-3=38, 3-5=49, 5-7=38, 2-10=-6, 9-10=-26(F=-20), 8-9=35(F=-20)

Horz: 1-2=-69, 2-3=-47, 5-7=-47

Drag: 3-4=-1

Concentrated Loads (lb)

Vert: 11=-125 12=-125

4) MWFRS Wind Left: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=12, 2-3=-10, 3-5=29, 5-7=-10, 2-10=-6, 8-10=-26(F=-20)

Horz: 1-2=-20, 2-3=1, 5-7=1

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 11=-125 12=-125

5) MWFRS Wind Right: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=7, 2-3=14, 3-5=12, 5-7=14, 2-10=-6, 9-10=-26(F=-20), 8-9=-1(F=-20)

Horz: 1-2=-16, 2-3=-23, 5-7=-23

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 11=-125 12=-125

6) MWFRS 1st Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=42, 2-3=24, 3-5=24, 5-7=24, 2-10=-6, 8-10=-26(F=-20)

Horz: 1-2=-51, 2-3=-32, 5-7=-32

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 11=-125 12=-125

7) MWFRS 2nd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

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October 15,2007

Continued on page 3





Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901152
L256809	T08	ROOF TRUSS	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:39:53 2007 Page 3

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-2=5, 2-3=12, 3-5=12, 5-7=12, 2-10=-6, 9-10=-26(F=-20), 8-9=-1(F=-20)

Horz: 1-2=-14, 2-3=-20, 5-7=-20

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 11=-125 12=-125

8) MWFRS 3rd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=42, 2-3=24, 3-5=24, 5-7=24, 2-10=-6, 8-10=-26(F=-20)

Horz: 1-2=-51, 2-3=-32, 5-7=-32

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 11=-125 12=-125

9) MWFRS 4th Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=5, 2-3=12, 3-5=12, 5-7=12, 2-10=-6, 9-10=-26(F=-20), 8-9=-1(F=-20)

Horz: 1-2=-14, 2-3=-20, 5-7=-20

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 11=-125 12=-125

10) Attic Floor: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90

Uniform Loads (plf)

Vert: 1-3=-14, 3-5=-14, 5-7=-14, 2-10=-10, 8-10=-110(F=-100)

Concentrated Loads (lb)

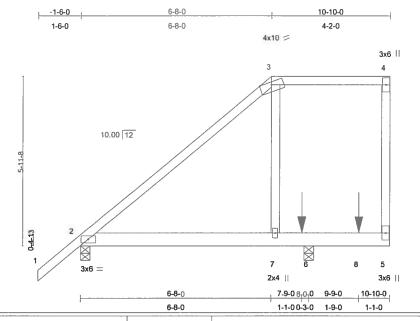
Vert: 11=-125 12=-125

Julius Les Truss Casion Engineer Ploride Pie No. 3-1609 1400 Cassis Pay Blvd Boviton Beson, FE 20406



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
				į	J1901153
L256809	T09	ROOF 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 F	Plates Increase	1.25	TC	0.59	Vert(LL)	0.04	2-7	>999	360	MT20	244/190
TCDL 7.0 L	umber Increase	1.25	ВС	0.46	Vert(TL)	-0.03	2-7	>999	240		
BCLL 10.0 * F	Rep Stress Incr	NO	WB	0.20	Horz(TL)	-0.00	6	n/a	n/a		
BCDL 5.0 (Code FBC2004/TP	12002	(Matı	ix)						Weight: 63 lb	

LUMBER

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

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

TOP CHORD

BOT CHORD

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

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

REACTIONS (lb/size) 2=256/0-4-0, 6=1145/0-4-0

Max Horz 2=243(load case 6) Max Uplift 2=-120(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/54, 2-3=-146/144, 3-4=0/35, 4-5=-42/71

BOT CHORD 2-7=-36/0, 6-7=-35/0, 6-8=-35/0, 5-8=-35/0

WEBS 3-7=-375/328

JOINT STRESS INDEX

2 = 0.67, 3 = 0.89, 4 = 0.38, 5 = 0.53 and 7 = 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; 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) 250.0lb AC unit load placed on the bottom chord, 8-9-0 from left end, supported at two points, 2-0-0 apart.
- 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. Continued on page 2

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Scale = 1:39.0

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901153
L256809	T09	ROOF TRUSS	1	1	
					Job Reference (optional)

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NOTES

- 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 120 lb uplift at joint 2.
- 7) 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=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-54, 3-4=-54, 2-7=-10, 5-7=-110(F=-100)

Concentrated Loads (ib)

Vert: 6=-125 8=-125

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

Uniform Loads (plf)

Vert: 1-3=-14, 3-4=-14, 2-7=-30, 5-7=-50(F=-20)

Concentrated Loads (lb)

Vert: 6=-125 8=-125

3) C-C Wind: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=61, 2-3=38, 3-4=49, 2-7=-6, 6-7=-26(F=-20), 5-6=35(F=-20)

Horz: 1-2=-69, 2-3=-47

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 6=-125 8=-125

4) MWFRS Wind Left: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=12, 2-3=-10, 3-4=29, 2-7=-6, 5-7=-26(F=-20)

Horz: 1-2=-20, 2-3=1

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 6=-125 8=-125

5) MWFRS Wind Right: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=7, 2-3=14, 3-4=24, 2-7=-6, 6-7=-26(F=-20), 5-6=-1(F=-20)

Horz: 1-2=-16, 2-3=-23

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 6=-125 8=-125

6) MWFRS 1st Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=42, 2-3=24, 3-4=12, 2-7=-6, 5-7=-26(F=-20)

Horz: 1-2=-51, 2-3=-32

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 6=-125 8=-125

7) MWFRS 2nd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=5, 2-3=12, 3-4=12, 2-7=-6, 6-7=-26(F=-20), 5-6=-1(F=-20)

Horz: 1-2=-14, 2-3=-20

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 6=-125 8=-125

8) MWFRS 3rd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

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October 15,2007

Continued on page 3



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901153
L256809	T09	ROOF TRUSS	1	1	
					Job Reference (optional)

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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-2=42, 2-3=24, 3-4=12, 2-7=-6, 5-7=-26(F=-20)

Horz: 1-2=-51, 2-3=-32

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 6=-125 8=-125

9) MWFRS 4th Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-2=5, 2-3=12, 3-4=12, 2-7=-6, 6-7=-26(F=-20), 5-6=-1(F=-20)

Horz: 1-2=-14, 2-3=-20

Drag: 3-4=-0

Concentrated Loads (lb)

Vert: 6=-125 8=-125

10) Attic Floor: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90

Uniform Loads (plf)

Vert: 1-3=-14, 3-4=-14, 2-7=-10, 5-7=-110(F=-100)

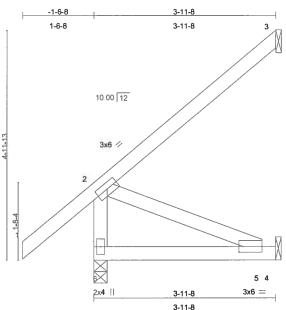
Concentrated Loads (lb)

Vert: 6=-125 8=-125



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901154
L256809	T10	MONO TRUSS	4	1	
					Job Reference (optional)

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Scale: 1/2"=1"

Plate Off	sets (X,Y): [5:0-1-0,0-1-8]										
LOADING	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.01	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.10	Vert(TL)	-0.02	5-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.08	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 24 lb	

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

BRACING

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=81/Mechanical, 6=232/0-3-8, 4=19/Mechanical

Max Horz 6=269(load case 6)

Max Uplift 3=-92(load case 6), 6=-34(load case 6), 4=-88(load case 6) Max Grav 3=81(load case 1), 6=232(load case 1), 4=56(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/58, 2-3=-85/39, 2-6=-213/44

BOT CHORD

5-6=-298/3, 4-5=0/0

WEBS

2-5=-4/323

JOINT STRESS INDEX

2 = 0.15, 5 = 0.09 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.
- e) All hearing page assumed to be SYP No.2 crushing capacity of 565.00 psi

October 15,2007

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901154
L256809	T10	MONO TRUSS	4	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:39:54 2007 Page 2

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 92 lb uplift at joint 3, 34 lb uplift at joint 6 and 88 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type		Ply	AARON SIMQUE / ZAC COOK / FLOOR		
L256809	T11	MONO TRUSS	1	2	Job Reference (optional)		

6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Oct 15 14:43:10 2007 Page 1

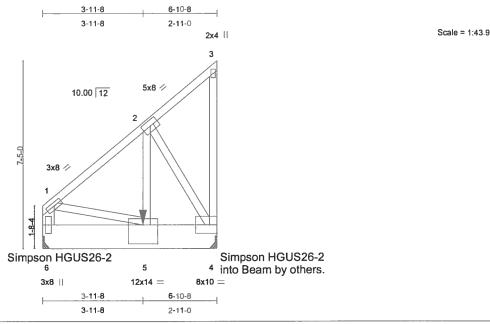


Plate Of	fsets (X,Y):	[5:0-7-0,0-9-0]									,	
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.12	Vert(LL)	-0.01	5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.00	BC	0.41	Vert(TL)	-0.03	5	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.61	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	P12002	(Mat	rix)						Weight: 151 lb	

BRACING

TOP CHORD

BOT CHORD

of Record.

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 12 SYP No.2 WEBS 2 X 4 SYP No.3 *Except*

1-6 2 X 6 SYP No.1D

REACTIONS (lb/size) 4=3705/Mechanical, 6=2340/Mechanical

Max Horz 6=174(load case 5)

Max Uplift 4=-492(load case 5), 6=-381(load case 5)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-1713/217, 2-3=-60/22, 3-4=-48/36, 1-6=-1561/205

BOT CHORD 5-6=-174/7, 4-5=-289/1282

WEBS 2-5=-540/3028, 2-4=-2523/569, 1-5=-121/1344

JOINT STRESS INDEX

1 = 0.45, 2 = 0.67, 3 = 0.01, 4 = 0.19, 5 = 0.88 and 6 = 0.13

NOTES

1) 2-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, 2 X 6 - 2 rows at 0-9-0 oc.

Bottom chords connected as follows: 2 X 12 - 2 rows at 0-7-0 oc.

Webs connected as follows: $2 \times 4 - 1$ row at 0-2-0 oc, Except member 4-2 $2 \times 4 - 1$ row at 0-9-0 oc, member 5-1 $2 \times 4 - 1$ row at 0-9-0 oc.

2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.

Julius Less Truss Cossion Choinsor Plonida Pia No. 3-1989 1400 Cassial Pay Flyri Boynton Wesch, I. 20425

Structural wood sheathing directly applied or 6-0-0

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

oc purlins, except end verticals.

October 15,2007

Continued on page 2

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

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



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / FLOOR
L256809	T11	MONO TRUSS	1	2	Job Reference (optional)

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NOTES

- 3) 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.
- 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 492 lb uplift at joint 4 and 381 lb uplift at joint 6.
- 7) Girder carries tie-in span(s): 2-6-0 from 4-0-0 to 7-6-0

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: 1-3=-54, 5-6=-170(F=-160), 4-5=-625(F=-615)

Concentrated Loads (lb)

Vert: 5=-3394(F)

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

Uniform Loads (plf)

Vert: 1-3=-14, 5-6=-140(F=-110), 4-5=-376(F=-346)

Concentrated Loads (lb)

Vert: 5=-2333(F)

3) MWFRS Wind Left: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-3=-10, 5-6=-22(F=-16), 4-5=-224(F=-218)

Horz: 1-3=1

Concentrated Loads (lb)

Vert: 5=-349(F)

4) MWFRS Wind Right: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-3=14, 5-6=14(F=20), 4-5=-173(F=-167)

Horz: 1-3=-23

Concentrated Loads (lb)

Vert: 5=430(F)

5) MWFRS 1st Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-3=24, 5-6=38(F=44), 4-5=-140(F=-134)

Horz: 1-3=-32

Concentrated Loads (lb)

Vert: 5=938(F)

6) MWFRS 2nd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-3=12, 5-6=9(F=15), 4-5=-181(F=-175)

Horz: 1-3=-20

Concentrated Loads (lb)

Vert: 5=312(F)

7) MWFRS 3rd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-3=24, 5-6=38(F=44), 4-5=-140(F=-134)

Horz: 1-3=-32

Concentrated Loads (lb)

Vert: 5=938(F)

8) MWFRS 4th Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)

Vert: 1-3=12, 5-6=9(F=15), 4-5=-181(F=-175)

Horz: 1-3=-20

Concentrated Loads (lb)

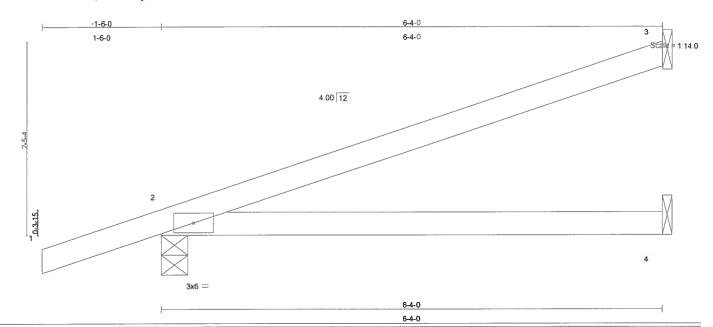
Vert: 5=312(F)

Julius Lear Truss Decide Chaineer Plofilis Ma No. 3-1898 1100 Chastal May Rive Woynton Weden. (L. 2043)



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901156
L256809	T12	MONO TRUSS	8	1	
					Job Reference (optional)

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LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	0.20	2-4	>363	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.11	2-4	>646	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 22 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.1D

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=153/Mechanical, 2=298/0-4-0, 4=31/Mechanical

Max Horz 2=128(load case 4)

Max Uplift 3=-118(load case 4), 2=-264(load case 4), 4=-58(load case 4) Max Grav 3=153(load case 1), 2=298(load case 1), 4=92(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/24, 2-3=-78/39

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.11

- 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
- 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 118 Ib uplift at joint 3, 264 lb uplift at joint 2 and 58 lb uplift at joint 4. Continued on page 2

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

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with 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 BCS-I or Hilb-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type		Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
	ka Ka					J1901156
L256809	T12	MONO TRUSS		8	1	
						Job Reference (optional)
Builders FirstSource	, Lake City, FI 32055		6.300 s Feb 15	2006 N	liTek In	dustries, Inc. Mon Oct 15 08:39:55 2007 Page 2

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
L256809	T13	COMMON	1	1	J1901157
L230003	113	COMMON	'	'	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:39:56 2007 Page 1

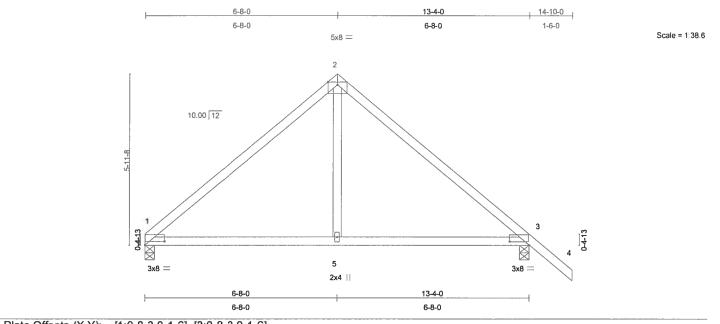


Plate Of	isets (X, Y): [1:0-8-3,0-1-6], [3:	0-8-3,0-1-	ρJ								
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	0.06	1-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.09	1-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.01	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 57 lb	

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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=410/0-4-0, 3=512/0-4-0

Max Horz 1=-178(load case 4)

Max Uplift 1=-80(load case 6), 3=-159(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD BOT CHORD 1-2=-484/214, 2-3=-487/220, 3-4=0/52 1-5=-15/290, 3-5=-15/290

WEBS

2-5=-3/232

JOINT STRESS INDEX

1 = 0.68, 2 = 0.79, 3 = 0.68 and 5 = 0.16

NOTES

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

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

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

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

October 15,2007

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
				'	J1901157
L256809	T13	COMMON	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:39:56 2007 Page 2

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 80 lb uplift at joint 1 and 159 lb uplift at joint 3.

LOAD CASE(S) Standard



Job	Truss	Truss Ty	ре	Qty	Ply	AARON S	MQUE / ZA	C COOK / ROC)F J1901158
L256809	T13G	GABLE		1	1				31301130
Buildere EiretSour	ce, Lake City, FI 32055		6.300	s Feb 15 2006	MiTek In	Job Refere	nce (optiona Mon Oct 1	al) 15 08:39:57 200	7 Page 1
Builders I listoodi	ce, Lake Oity, 11 02000	,	0.000	70 700 10 2000					
	-1-6-0	6-8				3-4-0	+	14-10-0	
	1-6-0	6-8	3-0	4x6 =	6	-8-0		1-6-0	Scale = 1 36 2
		10.00 12	5		8	9			
	3x6 3 4x6 =	20	19 18	17 16	15	14	11 4x6 =	13 (5.7)	
	2 2 2		19 18			B	11	/ I 4	

BOT CHORD 2 X 4 SYP No.2

OTHERS 2 X 4 SYP No.3 6-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

2=220/13-4-0, 12=220/13-4-0, 17=84/13-4-0, 18=100/13-4-0, 19=87/13-4-0, REACTIONS (lb/size)

20=140/13-4-0, 16=100/13-4-0, 15=87/13-4-0, 14=140/13-4-0

Max Horz 2=-188(load case 4)

Max Uplift 2=-119(load case 6), 12=-140(load case 7), 18=-72(load case 6),

19=-108(load case 6), 20=-76(load case 7), 16=-66(load case 7),

15=-108(load case 7), 14=-75(load case 7)

Max Grav 2=220(load case 1), 12=220(load case 1), 17=120(load case 7),

18=103(load case 10), 19=87(load case 10), 20=140(load case 1),

16=103(load case 11), 15=87(load case 11), 14=140(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/60, 2-3=-138/106, 3-4=-131/116, 4-5=-87/102, 5-6=-42/116, 6-7=-39/152, TOP CHORD

7-8=-39/152, 8-9=-38/103, 9-10=-44/40, 10-11=-74/58, 11-12=-80/49, 12-13=0/60

2-20=-20/180, 19-20=-20/180, 18-19=-20/180, 17-18=-20/180, 16-17=-20/180, 15-16=-20/180, 14-15=-20/180, 12-14=-20/180

Julius Les Trues Coston Chomosr Flands Fie No. Intelle +100 Chostol Ray Blod Govnton Coson, FL 00406 7-17=-115/0, 6-18=-88/82, 5-19=-77/107, 4-20=-119/96, 8-16=-88/77, 9-15=-77/108,

10-14=-119/100

JOINT STRESS INDEX

BOT CHORD

WEBS

2 = 0.64, 3 = 0.00, 3 = 0.16, 4 = 0.07, 5 = 0.05, 6 = 0.05, 7 = 0.08, 8 = 0.05, 9 = 0.05, 10 = 0.07, 11 = 0.00, 11 = 0.16, 12 = 0.060.64, 14 = 0.06, 15 = 0.06, 16 = 0.05, 17 = 0.03, 18 = 0.05, 19 = 0.06 and 20 = 0.06

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901158
L256809	T13G	GABLE	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:39:57 2007 Page 2

NOTES

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

- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 2x4 MT20 unless otherwise indicated.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 119 lb uplift at joint 2, 140 lb uplift at joint 12, 72 lb uplift at joint 18, 108 lb uplift at joint 19, 76 lb uplift at joint 20, 66 lb uplift at joint 16, 108 lb uplift at joint 15 and 75 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).
- 11) Gable truss supports 12" max. rake gable overhang.

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

Juitus Les Truss Closion Engineer Planda Mir No. 3-18ab Planda Commis Mir Mira Bayeron Masan Di Shish



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
L256809	T14	SPECIAL	3	1	J1901159
					Job Reference (optional)

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Scale = 1:38.6

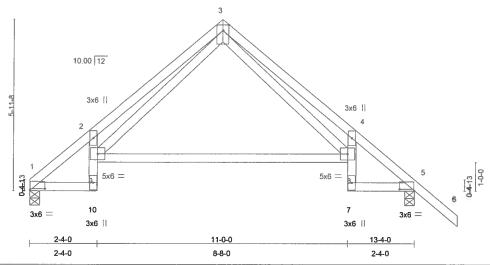


Plate Of	fsets (X,Y): [1:0-6-3,0-0-10], [3	3:0-2-5,0-2	2-7], [5:0)-6-3,0-0	-10]						
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.21	Vert(LL)	-0.15	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.65	Vert(TL)	-0.30	8-9	>512	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.24	Horz(TL)	0.13	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 72 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

5-9-6 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 1=410/0-4-0, 5=512/0-4-0

Max Horz 1=-178(load case 4)

Max Uplift 1=-80(load case 6), 5=-159(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-614/268, 2-3=-1100/473, 3-4=-1042/372, 4-5=-569/189, 5-6=0/52

BOT CHORD 1-10=-111/380, 9-10=-16/104, 2-9=-383/230, 8-9=-21/299, 7-8=0/95, 4-8=-368/204,

5-7=-33/338

WEBS 3-9=-294/738, 3-8=-182/688

JOINT STRESS INDEX

1 = 0.63, 2 = 0.40, 3 = 0.64, 4 = 0.40, 5 = 0.63, 7 = 0.47, 8 = 0.78, 9 = 0.78 and 10 = 0.47

NOTES

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

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

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

ർ) Attributed in Sage assumed to be SYP No.2 crushing capacity of 565.00 psi

Julius Les Truss Coston Engineer Plands PM Pla. 3-1000 1400 Commission Blay Blad Woynton Wason, FL 20406

October 15,2007

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
				'	J1901159
L256809	T14	SPECIAL	3	1	
					Job Reference (optional)
Builders FirstSource	e, Lake City, Fl 3205	5	6.300 s Feb 15 2006 l	MiTek In	dustries, Inc. Mon Oct 15 08:39:58 2007 Page 2

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 80 lb uplift at joint 1 and 159 lb uplift at joint 5.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901160
L256809	T15	SPECIAL	2	1	
					Job Reference (optional)
Duildess FirstCar	unas I alsa Cihi. El	22055	200 a Eab 45 2006 N	ATOL In	dustries Inc. Mon Oct 15 09:20:59 2007 Page 1

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:39:58 2007 Page 1



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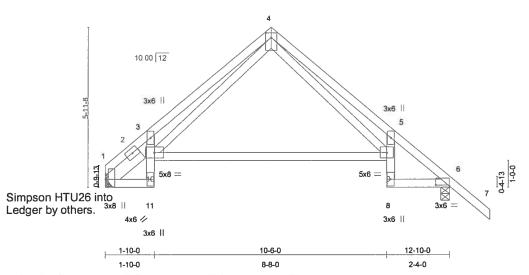


Plate Of	fsets (X,Y): [1:0-3-4,0-1-4], [4:	0-2-3,0-2-	8], [6:0-	6-3,0-0-1	10]					1	
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	-0.14	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.28	9-10	>542	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.22	Horz(TL)	0.11	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 75 lb	

LUMBER

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

SLIDER

Left 2 X 6 SYP No.1D 1-7-15

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) 1=399/Mechanical, 6=501/0-4-0

Max Horz 1=-178(load case 4)

Max Uplift 1=-76(load case 6), 6=-157(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-567/231, 2-3=-490/239, 3-4=-961/413

1-2=-567/231, 2-3=-490/239, 3-4=-961/413, 4-5=-1007/360, 5-6=-552/183, 6-7=0/52

BOT CHORD 1-11=-111/299, 10-11=-23/104, 3-10=-299/201, 9-10=-21/285, 8-9=0/93,

5-9=-360/203, 6-8=-31/328

WEBS 4-10=-237/611, 4-9=-177/675

JOINT STRESS INDEX

1 = 0.53, 1 = 0.20, 2 = 0.00, 3 = 0.51, 4 = 0.70, 5 = 0.39, 6 = 0.58, 8 = 0.38, 9 = 0.76, 10 = 0.55 and 11 = 0.40

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 # Category II

3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other Colly Rue of spage 2

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

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with 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 for contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCS-11 or HIB-91 Handring Installing and Bracing Recommendation authorities (Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901160
L256809	T15	SPECIAL	2	1	
					Job Reference (optional)

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NOTES

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

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 76 lb uplift at joint 1 and 157 lb

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901161
L256809	T16	SPECIAL	1	1	
					Job Reference (optional)

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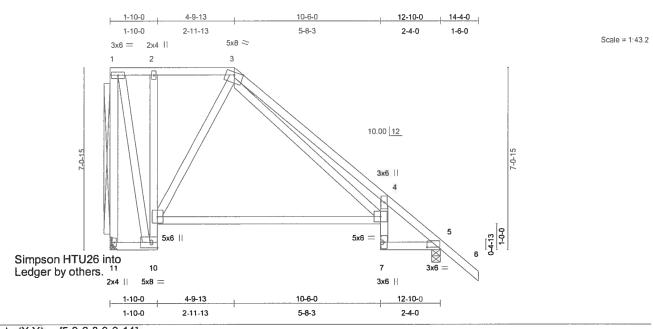


Plate Of	tsets (X,Y): [5:0-6-3,0-0-14]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.14	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.29	8-9	>526	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.27	Horz(TL)	0.10	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 98 lb	

LUMBER	
TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except*
	2-10 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3

BRACING TOP CHORD BOT CHORD

WEBS

Structural wood sheathing directly applied or 5-8-14 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc bracing, Except:

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

T-Brace:

2 X 4 SYP No.3 -1-11

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.

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.

(lb/size) 11=395/Mechanical, 5=497/0-4-0 REACTIONS

Max Horz 11=-278(load case 7)

Max Uplift 11=-127(load case 4), 5=-119(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-11=-428/146, 1-2=-82/34, 2-3=-101/8, 3-4=-1108/272, 4-5=-550/63, 5-6=0/52 **BOT CHORD**

10-11=0/384, 9-10=-295/287, 2-9=-29/107, 8-9=0/252, 7-8=0/91, 4-8=-459/283,

5-7=0/334

WEBS 1-10=-127/352, 3-9=-243/273, 3-8=-238/791

JOINT STRESS INDEX

1 = 0.24, 2 = 0.67, 3 = 0.59, 4 = 0.52, 5 = 0.59, 7 = 0.36, 8 = 0.71, 9 = 0.72, 10 = 0.61 and 11 = 0.29

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901161
L256809	T16	SPECIAL	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) 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 127 lb uplift at joint 11 and 119 lb uplift at joint 5.

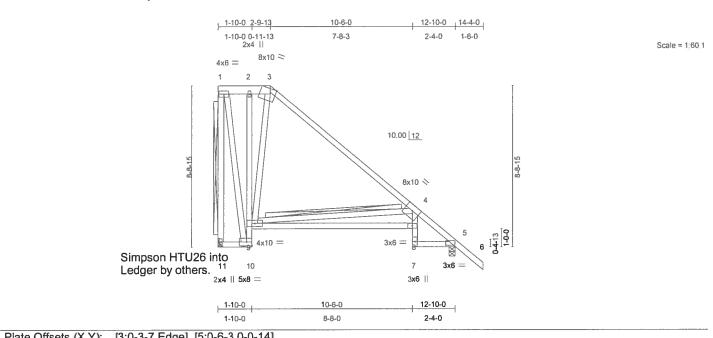
LOAD CASE(S) Standard

Julius Les Truss Coston Chomes Plottos PE No. 3-1865 1-100 Chastel May Micri Goynton Weson, N. 56-166



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
			_		J1901162
L256809	T17	SPECIAL	1	1	
					Job Reference (optional)

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LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.14	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.80	Vert(TL)	-0.27	8-9	>560	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.37	Horz(TL)	0.10	5	n/a	n/a		
BCDL	5.0	Code FBC2004/Ti	212002	(Mat	rix)						Weight: 110 lb	

LUMBER		BRACING		
TOP CHORD	2 X 6 SYP No.1D *Except*	TOP CHORD	Structural wood sheathing	directly applied or
	3-6 2 X 4 SYP No.2		6-0-0 oc purlins, except e	nd verticals.
BOT CHORD	2 X 4 SYP No.2 *Except*	BOT CHORD	Rigid ceiling directly applie	ed or 10-0-0 oc
	2-10 2 X 4 SYP No.3		bracing, Except:	
WEBS	2 X 4 SYP No.3		6-0-0 oc bracing: 9-10.	
		WEBS	T-Brace:	2 X 4 SYP No.3 -
				1-11, 4-9

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) 11=395/Mechanical, 5=497/0-4-0

Max Horz 11=-329(load case 7)

Max Uplift 11=-165(load case 7), 5=-95(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-11=-423/142, 1-2=-68/42, 2-3=-77/19, 3-4=-311/0, 4-5=-557/0, 5-6=0/52

BOT CHORD 10-11=0/456, 9-10=-314/400, 2-9=-50/224, 8-9=0/953, 7-8=0/93, 4-8=0/223,

5-7=0/351

1-10=-205/364, 3-9=-386/433, 4-9=-817/355 **WEBS**

1 = 0.17, 2 = 0.66, 3 = 0.86, 4 = 0.61, 5 = 0.70, 7 = 0.36, 8 = 0.67, 9 = 0.54, 10 = 0.76 and 11 = 0.31

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

Brace must cover 90% of web length.

minimum end distance.

1	Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
	1.05000	T47	ODEO!A!	_		J1901162
	L256809	T17	SPECIAL	1	1	Job Reference (optional)

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NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; 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 165 lb uplift at joint 11 and 95 lb uplift at joint 5.

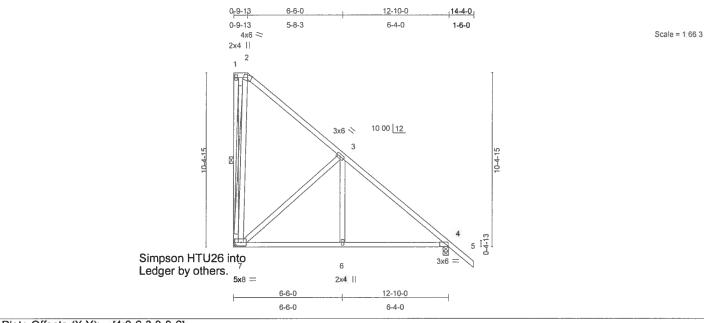
LOAD CASE(S) Standard

Julius Les Truss Costan Chainsor Florida Fill No. 3-1865 1-106 Chastel Ray Flori Boynton Weach, 4 L 55-156



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
L256809	T18	SPECIAL	1	1	J1901163
2250005	7 10	OI EOIAE	'	'	Job Reference (optional)

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LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.03	4-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.20	Vert(TL)	-0.06	4-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.37	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		, ,					Weight: 95 lb	

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

BRACING TOP CHORD

BOT CHORD

WEBS

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

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

1 Row at midpt

T-Brace:

2 X 4 SYP No.3 - 2-7

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.

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) 7=401/Mechanical, 4=487/0-4-0

Max Horz 7=-384(load case 7)

Max Uplift 7=-234(load case 7), 4=-52(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-7=-157/107, 2-3=-129/68, 3-4=-447/0, 4-5=0/52, 1-2=-10/10

BOT CHORD 6-7=0/285, 4-6=0/285

WEBS 3-7=-326/317, 3-6=0/214, 2-7=-269/351

JOINT STRESS INDEX

1 = 0.21, 2 = 0.58, 3 = 0.17, 4 = 0.59, 6 = 0.15 and 7 = 0.26

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

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with 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 Handfing Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901163
L256809	T18	SPECIAL	1	1	
					Job Reference (optional)

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NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 234 lb uplift at joint 7 and 52 lb uplift at joint 4.

LOAD CASE(S) Standard

Julius Les Trues Design Engineer Florida Pil No. 3-1868 Florida Seach, Florida Soviton Seach, Florida



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901164
L256809	T19	SPECIAL	1	1	
					Job Reference (optional)

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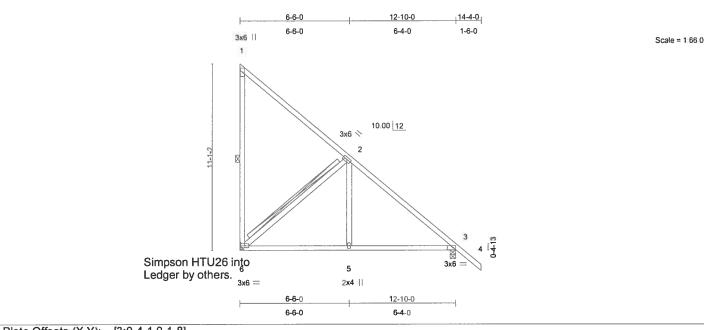


Plate Offsets (2	(,Y)	: [3:0-4-1,0-1-8]										
LOADING (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0)	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.03	5-6	>999	360	MT20	244/190
TCDL 7.0)	Lumber Increase	1.25	ВС	0.21	Vert(TL)	-0.06	3-5	>999	240		
BCLL 10.0)	* Rep Stress Incr	YES	WB	0.14	Horz(TL)	0.01	3	n/a	n/a		
BCDL 5.0)	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 82 lb	

BRACING TOP CHORD

BOT CHORD

WEBS

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

SYP No.2

WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 6=395/Mechanical, 3=497/0-4-0

Max Horz 6=-401(load case 7)

Max Uplift 6=-248(load case 7), 3=-43(load case 7)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-6=-141/180, 1-2=-141/82, 2-3=-463/0, 3-4=0/52

BOT CHORD 5-6=0/291, 3-5=0/291

WEBS 2-6=-347/343, 2-5=0/218

JOINT STRESS INDEX

of Record.

1 = 0.31, 2 = 0.19, 3 = 0.51, 5 = 0.15 and 6 = 0.23

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

bracing.

1 Row at midpt

1-6

T-Brace:

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

October 15,2007

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



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901164
L256809	T19	SPECIAL	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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 248 lb uplift at joint 6 and 43 lb uplift at joint 3.

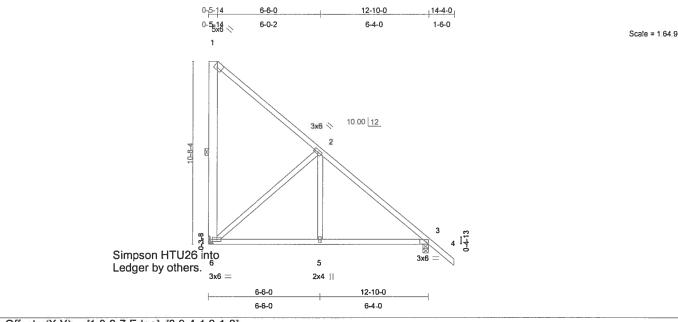
LOAD CASE(S) Standard

Julium Les Truss Chesian Endinger Plonica Pia Ind. 3-1862 1406 Chastel May Slvd Soviton Lesson, II. 204400



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901165
L256809	T20	SPECIAL	1	1	
					Job Reference (optional)

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s (X,Y): [1:0-2-7,Edge], [3:	0-4-1,0-1-	o ₁							-	
psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
0.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.03	3-5	>999	360	MT20	244/190
7.0	Lumber Increase	1.25	BC	0.19	Vert(TL)	-0.06	3-5	>999	240		
0.0	* Rep Stress Incr	YES	WB	0.39	Horz(TL)	0.01	3	n/a	n/a		
5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 90 lb	
F	osf) 0.0 7.0 0.0	osf) SPACING 0.0 Plates Increase 7.0 Lumber Increase 0.0 * Rep Stress Incr	posf) SPACING 2-0-0 0.0 Plates Increase 1.25 7.0 Lumber Increase 1.25 0.0 * Rep Stress Incr YES	osf) SPACING 2-0-0 CSI 0.0 Plates Increase 1.25 TC 7.0 Lumber Increase 1.25 BC 0.0 * Rep Stress Incr YES WB	Opsity SPACING 2-0-0 CSI 0.0 Plates Increase 1.25 TC 0.26 7.0 Lumber Increase 1.25 BC 0.19 0.0 * Rep Stress Incr YES WB 0.39	Operation SPACING 2-0-0 CSI DEFL 0.0 Plates Increase 1.25 TC 0.26 Vert(LL) 7.0 Lumber Increase 1.25 BC 0.19 Vert(TL) 0.0 * Rep Stress Incr YES WB 0.39 Horz(TL)	Operation SPACING 2-0-0 CSI DEFL in 0.0 Plates Increase 1.25 TC 0.26 Vert(LL) -0.03 7.0 Lumber Increase 1.25 BC 0.19 Vert(TL) -0.06 0.0 * Rep Stress Incr YES WB 0.39 Horz(TL) 0.01	Operation SPACING 2-0-0 CSI DEFL in (loc) 0.0 Plates Increase 1.25 TC 0.26 Vert(LL) -0.03 3-5 7.0 Lumber Increase 1.25 BC 0.19 Vert(TL) -0.06 3-5 0.0 * Rep Stress Incr YES WB 0.39 Horz(TL) 0.01 3	Operation Spacing 2-0-0 CSI DEFL in (loc) I/defl 0.0 Plates Increase 1.25 TC 0.26 Vert(LL) -0.03 3-5 >999 7.0 Lumber Increase 1.25 BC 0.19 Vert(TL) -0.06 3-5 >999 0.0 * Rep Stress Incr YES WB 0.39 Horz(TL) 0.01 3 n/a	Operation Spacing 2-0-0 CSI DEFL in (loc) l/defl L/d 0.0 Plates Increase 1.25 TC 0.26 Vert(LL) -0.03 3-5 >999 360 7.0 Lumber Increase 1.25 BC 0.19 Vert(TL) -0.06 3-5 >999 240 0.0 * Rep Stress Incr YES WB 0.39 Horz(TL) 0.01 3 n/a n/a	Operation Spacing 2-0-0 CSI DEFL in (loc) l/defl L/d PLATES 0.0 Plates increase 1.25 TC 0.26 Vert(LL) -0.03 3-5 >999 360 MT20 7.0 Lumber Increase 1.25 BC 0.19 Vert(TL) -0.06 3-5 >999 240 0.0 * Rep Stress Incr YES WB 0.39 Horz(TL) 0.01 3 n/a n/a

LUMBER

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

WEBS 2 X 4 SYP No.3 *Except*

1-6 2 X 6 SYP No.1D

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 1-6

REACTIONS (lb/size) 6=392/Mechanical, 3=494/0-4-0

Max Horz 6=-398(load case 7)

Max Uplift 6=-246(load case 7), 3=-45(load case 7) of Record.

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

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-6=-145/187, 1-2=-140/80, 2-3=-457/0, 3-4=0/52 **BOT CHORD**

5-6=0/293, 3-5=0/293

WEBS 2-6=-333/329, 2-5=0/209

JOINT STRESS INDEX

1 = 0.64, 2 = 0.18, 3 = 0.59, 5 = 0.15 and 6 = 0.33

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 Continued on page 2



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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901165
L256809	T20	SPECIAL	1	1	
4					Job Reference (optional)

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NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 246 lb uplift at joint 6 and 45 lb uplift at joint 3.

LOAD CASE(S) Standard

Julius Les Truss Closian Chainsor Plonia Pin No. 3-1888 HIGG Chastal Bay Blvd November 12 System



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901166
L256809	T21	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:02 2007 Page 1

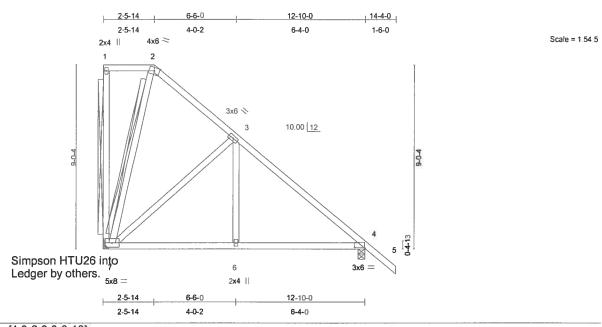


Plate Of	ffsets (X, Y	,Y): [4:0-6-3,0-0-10]										
LOADIN	NG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.03	4-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.06	4-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.34	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)						Weight: 91 lb	
BCLL	10.0	* Rep Stress Incr	YES	WB	0.34	, , ,		4-6 4			Weight: 91 lb	

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

BRACING TOP CHORD **BOT CHORD**

WEBS

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

bracing.

2 X 4 SYP No.3 - 1-7,

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) 7=400/Mechanical, 4=488/0-4-0

Max Horz 7=-340(load case 7)

Max Uplift 7=-181(load case 7), 4=-85(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-7=-53/37, 1-2=-5/0, 2-3=-129/10, 3-4=-445/0, 4-5=0/52

BOT CHORD

6-7=0/256, 4-6=0/256

WEBS

2-7=-130/149, 3-7=-300/283, 3-6=0/215

JOINT STRESS INDEX

1 = 0.15, 2 = 0.19, 3 = 0.16, 4 = 0.53, 6 = 0.15 and 7 = 0.25

T-Brace: 2-7 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in

Structural wood sheathing directly applied or

minimum end distance. Brace must cover 90% of web length.

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Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901166
L256809	T21	SPECIAL	1	1	
	2002E E				Job Reference (optional)

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NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 181 lb uplift at joint 7 and 85 lb uplift at joint 4.

LOAD CASE(S) Standard

Julium Lore Truss Costan Engineer Plotids PE No. 3-1885 1460 Costan Pay Sied Woynton Geson, No. 20-10



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901167
L256809	T22	MONO HIP	1	1	
					Job Reference (optional)

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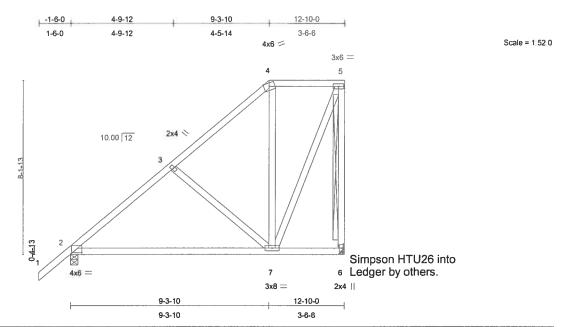


Plate Of	ffsets (X,Y	'): [2:0-6-7,0-0-10]									and the second second	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.15	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.37	Vert(TL)	-0.26	2-7	>575	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.36	Horz(TL)	-0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)	, ,					Weight: 89 lb	

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

BRACING TOP CHORD

BOT CHORD

WEBS

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

T-Brace:

2 X 4 SYP No.3 - 5-6

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.

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) 6=395/Mechanical, 2=497/0-4-0

Max Horz 2=312(load case 6)

Max Uplift 6=-148(load case 6), 2=-104(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-459/63, 3-4=-265/48, 4-5=-137/111, 5-6=-396/313

BOT CHORD 2-7=-301/293, 6-7=-3/2

WEBS 3-7=-202/244, 4-7=-113/163, 5-7=-284/351

JOINT STRESS INDEX

2 = 0.69, 3 = 0.13, 4 = 0.44, 5 = 0.31, 6 = 0.21 and 7 = 0.41



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901167
L256809	T22	MONO HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:02 2007 Page 2

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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 148 lb uplift at joint 6 and 104 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Les Truss Coston (Indinsor Plonda Fili 19-1888 1166 Chastal May Slvd Soviton Seech, 11, 20-26



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901168
L256809	T23	HIP	1	1	
					Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Oct 15 10:59:20 2007 Page 1

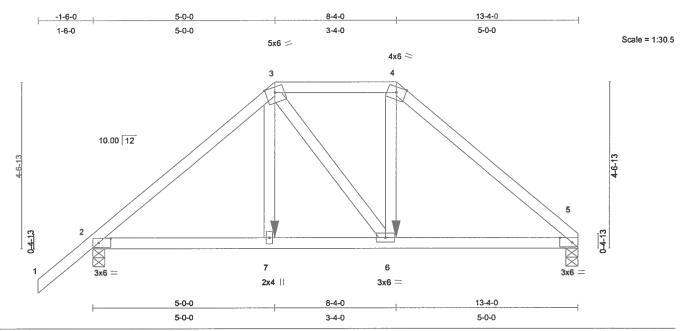


Plate Off	fsets (X,Y):	[2:0-4-1,0-1-8], [5:0	-4-1,0-1-8]									
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.23	Vert(LL)	-0.02	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.22	Vert(TL)	-0.04	5-6	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.09	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 67 lb	1

LUMBER

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

2 X 4 SYP No.3

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) 5=664/0-4-0, 2=774/0-4-0

Max Horz 2=140(load case 4)

Max Uplift 5=-272(load case 6), 2=-357(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-897/392, 3-4=-619/352, 4-5=-891/384

BOT CHORD 2-7=-333/610, 6-7=-329/602, 5-6=-271/611

WEBS 3-6=-106/93, 4-6=-170/284, 3-7=-123/242

JOINT STRESS INDEX

2 = 0.64, 3 = 0.39, 4 = 0.42, 5 = 0.68, 6 = 0.19 and 7 = 0.18

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; 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
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 272 lb uplift at joint 5 and 357 lb uplift at joint 2.

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C) Girder carries hip end with 5-0-0 end setback.

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF	
					J1:	901168
L256809	T23	HIP	1	1		
					Job Reference (optional)	

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NOTES

8) 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=-90(F=-36), 4-5=-54, 2-7=-10, 6-7=-17(F=-7), 5-6=-10

Concentrated Loads (lb)

Vert: 6=-187(F) 7=-187(F)

Julius Les Trues Costan Engineer Plonia es hio, 3-1565 1406 Chastal Bay Alva Boviton teach, FL 55-456



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
1.050000	T04	COMMON			J1901169
L256809	T24	COMMON	1	1	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:04 2007 Page 1

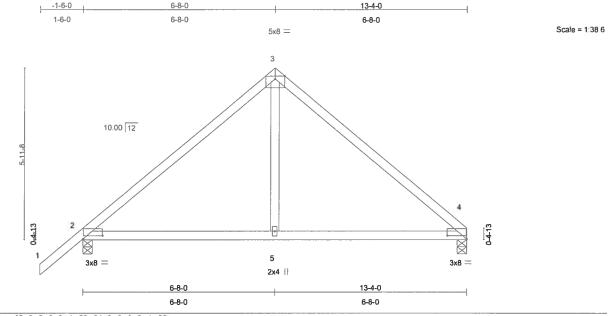


Plate Of	fsets (X,Y	'): [2:0-8-3,0-1-6], [4:	0-8-3,0-1-	6]		1				-		
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	0.06	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.25	Vert(TL)	-0.09	4-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 57 lb	

LUMBER						
		Dec 1			4 9	 п
	к	-	н	nn.	4 1	 н

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) 4=410/0-4-0, 2=512/0-4-0

Max Horz 2=178(load case 5)

Max Uplift 4=-80(load case 7), 2=-159(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD BOT CHORD 1-2=0/52, 2-3=-487/220, 3-4=-484/214 2-5=-39/290, 4-5=-39/290

WEBS

3-5=-3/232

JOINT STRESS INDEX

2 = 0.68, 3 = 0.79, 4 = 0.68 and 5 = 0.16

NOTES

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

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

October 15,2007

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
				-	J190116
L256809	T24	COMMON	1	1	
					Job Reference (optional)

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NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 80 lb uplift at joint 4 and 159 lb uplift at joint 2.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901170
L256809	T25	COMMON	3	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:04 2007 Page 1

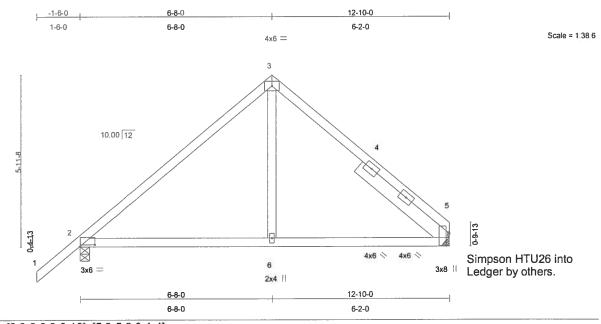


Plate Offset	ts (X,Y): [2:0-6-3,0-0-10], [5:0-5-0,0-	1-4]								
TCDL	(psf) 20.0 7.0 10.0 5.0	SPACING Plates Increase Lumber Increase * Rep Stress Incr Code FBC2004/TF	2-0-0 1.25 1.25 YES PI2002	CSI TC BC WB (Mat	0.29 0.20 0.07 rix)	DEFL Vert(LL) Vert(TL) Horz(TL)	in 0.05 -0.08 0.01	(loc) 2-6 2-6 5	l/defl >999 >999 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 65 lb	GRIP 244/190

LUMBER

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

SLIDER

Right 2 X 6 SYP No.1D 4-0-2

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.

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) 5=399/Mechanical, 2=501/0-4-0

Max Horz 2=178(load case 5)

Max Uplift 5=-76(load case 7), 2=-157(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-463/208, 3-4=-260/206, 4-5=-437/184

BOT CHORD 2-6=-42/268, 5-6=-42/268

WEBS 3-6=0/213

JOINT STRESS INDEX

2 = 0.70, 3 = 0.73, 4 = 0.00, 5 = 0.48, 5 = 0.08, 5 = 0.08 and 6 = 0.15

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.

Trues Ossion Chainser Florida FE No. 3-1969 1-106 Chastel Fey filth Woynton Wesch, FL 30-135

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
1.050000	T25	COMMON	2		J1901170
L256809	T25	COMMON	3	1	Job Reference (optional)

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NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 76 lb uplift at joint 5 and 157 lb uplift at joint 2.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
		0550141	1.		J190117
L256809	T26	SPECIAL	1	1	Joh Reference (entional)
					Job Reference (optional)

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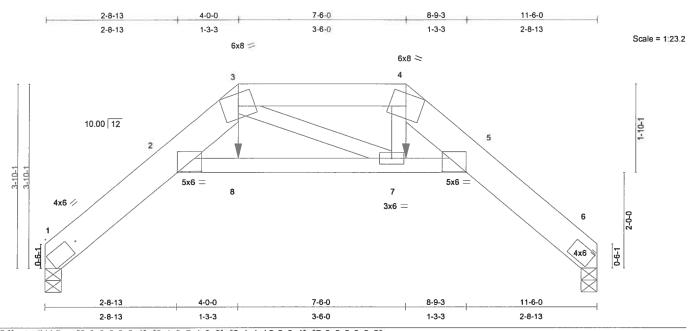


Plate Offsets (X,Y): [2:0-6-0,0-0-4], [3:1-3-5,4-8-6], [3:4-4-12,0-0-4], [5:0-6-2,0-0-3]	
LOADING (psf) SPACING 2-0-0 CSI DEFL in (loc) I/defl L/d PLATES (GRIP
TCLL 20.0 Plates Increase 1.25 TC 0.59 Vert(LL) -0.10 2-7 >999 360 MT20 2	244/190
TCDL 7.0 Lumber Increase 1.25 BC 0.59 Vert(TL) -0.19 2-7 >693 240	
BCLL 10.0 * Rep Stress Incr NO WB 0.12 Horz(TL) 0.23 6 n/a n/a	
BCDL 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 58 lb	

LUMBER

TOP CHORD 2 X 8 SYP No.1D *Except*

3-4 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.

BOT CHORD

Rigid ceiling directly applied or 9-0-8 oc bracing.

REACTIONS (lb/size) 1=577/0-4-0, 6=573/0-4-0

Max Horz 1=91(load case 4)

Max Uplift 1=-149(load case 4), 6=-148(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=-332/160, 2-3=-1029/374, 3-4=-1365/432, 4-5=-1312/430, 5-6=-330/112

BOT CHORD 2-8=-477/1240, 7-8=-477/1240, 5-7=-425/1326

WEBS 3-7=-98/194, 4-7=-106/380

JOINT STRESS INDEX

2 = 0.51, 3 = 0.15, 3 = 0.00, 3 = 0.00, 4 = 0.14, 5 = 0.65 and 7 = 0.25

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
- 6) Bearing at joint(s) 1, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Contilludgon page should verify capacity of bearing surface.

October 15,2007



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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF	
	700	0050141			J19011	71
L256809	T26	SPECIAL	1	1	Job Reference (optional)	

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NOTES

- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 149 lb uplift at joint 1 and 148 lb uplift at joint 6.
- 8) Girder carries hip end with 1-3-2 right side setback, 1-3-2 left side setback, and 4-0-0 end setback.
- 9) 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=-66, 2-3=-54, 3-4=-76(F=-23), 4-5=-54, 5-6=-66, 2-8=-10, 7-8=-14(F=-4), 5-7=-10

Concentrated Loads (lb)

Vert: 7=-165(F) 8=-165(F)

Julius Lees Truss Coston Engineer Picrical Pin No. 3-1868 1-188 Costol Pay Sivel



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901172
L256809	T27	SPECIAL	1	1	
					Job Reference (optional)

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Scale = 1 30.8

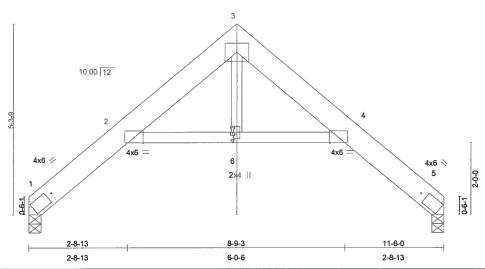


Plate Offsets (X,Y):	[3:6-5-4,0-3-11], [3:6-5-6,0-3-10]

LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.06	4-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.11	4-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.15	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 60 lb	

LUMBER

TOP CHORD 2 X 8 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.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 1=364/0-4-0, 5=364/0-4-0

Max Horz 1=-129(load case 4)

Max Uplift 1=-67(load case 6), 5=-67(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-206/141, 2-3=-519/243, 3-4=-519/243, 4-5=-206/141

BOT CHORD 2-6=-86/503, 4-6=-86/503

WEBS 3-6=-22/139

JOINT STRESS INDEX

2 = 0.39, 3 = 0.50, 3 = 0.00, 3 = 0.00, 4 = 0.39 and 6 = 0.10

NOTES

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

October 15,2007

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901172
L256809	T27	SPECIAL	1	1	
					Job Reference (optional)

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NOTES

- 5) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 67 lb uplift at joint 1 and 67 lb uplift at joint 5.

LOAD CASE(S) Standard

Julius Lem Trues Cesion Endineer Plotica EE No. 3-1869 1166 Cassell May Sivi Boviton beson, L. 20400



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901173
L256809	T28	SPECIAL	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:06 2007 Page 1

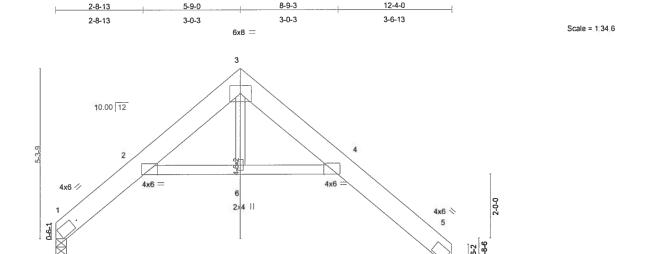


Plate Of	fsets (X,Y): [3:6-5-5,0-3-8], [3:	1-5-3,7-2-	13]			-120					
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	0.10	4-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.18	4-6	>786	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.23	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)						Weight: 64 lb	

8-9-3

6-0-6

LUMBER

TOP CHORD 2 X 8 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.

12-4-0

3-6-13

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS

(lb/size) 1=391/0-4-0, 5=392/0-4-0

2-8-13

Max Horz 1=-148(load case 4)

Max Uplift 1=-71(load case 6), 5=-76(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-222/177, 2-3=-600/256, 3-4=-568/240, 4-5=-224/160

BOT CHORD 2-6=-58/584, 4-6=-58/584

WEBS 3-6=-23/148

JOINT STRESS INDEX

2 = 0.52, 3 = 0.59, 3 = 0.00, 3 = 0.00, 4 = 0.52 and 6 = 0.10

NOTES

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

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



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901173
L256809	T28	SPECIAL	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:06 2007 Page 2

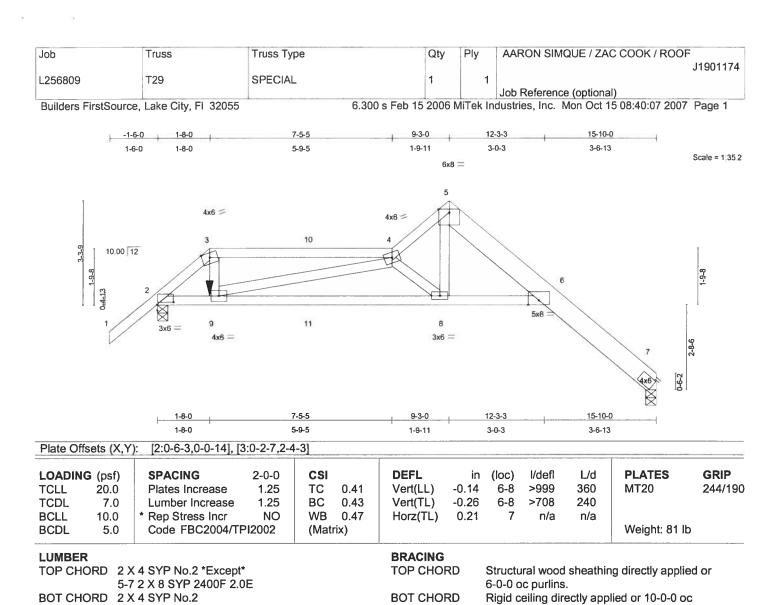
NOTES

- 5) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 71 lb uplift at joint 1 and 76 lb uplift at joint 5.

LOAD CASE(S) Standard







REACTIONS (lb/size) 7=504/0-4-0, 2=624/0-4-0

2 X 4 SYP No.3

Max Horz 2=-123(load case 3)

Max Uplift 7=-108(load case 6), 2=-215(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-743/149, 3-10=-588/131, 4-10=-587/131, 4-5=-939/179,

5-6=-726/127, 6-7=-292/96

BOT CHORD 2-9=-115/564, 9-11=-223/1328, 8-11=-223/1328, 6-8=-33/697

WEBS 3-9=0/317, 5-8=-134/654, 4-8=-805/246, 4-9=-767/177

JOINT STRESS INDEX

2 = 0.73, 3 = 0.46, 3 = 0.00, 4 = 0.81, 5 = 0.30, 6 = 0.47, 8 = 0.41 and 9 = 0.22

NOTES

WEBS

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 Toles Condition Conditions

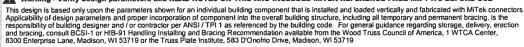
B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.

bracing.

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 Colivinued on page 2







Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901174
L256809	T29	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:07 2007 Page 2

NOTES

- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) 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.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 108 lb uplift at joint 7 and 215 lb uplift at joint 2.
- 8) Girder carries hip end with 7-5-4 right side setback, 1-8-0 left side setback, and 2-8-0 end setback.
- 9) 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)

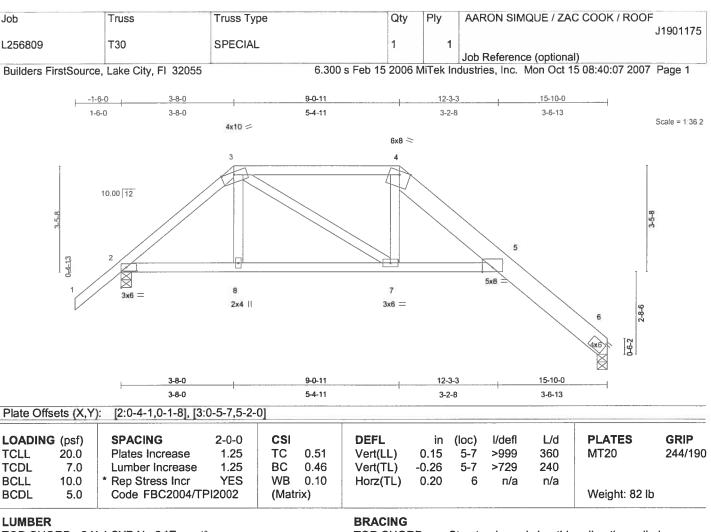
Vert: 1-3=-54, 3-10=-58(F=-5), 4-10=-54, 4-5=-54, 5-6=-54, 6-7=-67, 2-9=-10, 9-11=-11(F=-1), 6-11=-10

Concentrated Loads (lb)

Vert: 9=-21(F)

Julius Les Truse Ceston Endineer Florida PE No. 3-1868 1106 Cessus Bay Flori Boynton Weson, 1-L 25-125





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

4-6 2 X 8 SYP No.1D

BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3

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) 6=499/0-4-0, 2=592/0-4-0

Max Horz 2=-131(load case 4)

Max Uplift 6=-130(load case 7), 2=-150(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-643/307, 3-4=-684/412, 4-5=-713/349, 5-6=-288/190

BOT CHORD 2-8=-122/436, 7-8=-121/438, 5-7=-154/683

3-8=0/136, 3-7=-146/314, 4-7=-51/95 **WEBS**

JOINT STRESS INDEX

2 = 0.59, 3 = 0.45, 3 = 0.00, 4 = 0.43, 5 = 0.52, 7 = 0.18 and 8 = 0.10

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 Colinate of page 2

October 15,2007

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901175
L256809	T30	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:07 2007 Page 2

NOTES

- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Bearing at joint(s) 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 130 lb uplift at joint 6 and 150 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Lee Truss Ceston Engineer Planda Mis No. 3-1805 1406 Crasis Misy Ston Scotton Asson, LL Shack



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901176
L256809	T31	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:08 2007 Page 1

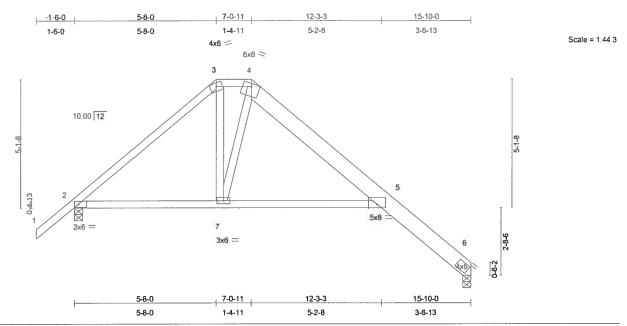


Plate Off	sets (X,Y): [2:0-4-1,0-1-8], [3:	0-8-6,7-11	1-13]							I	
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	0.20	5-7	>921	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.35	Vert(TL)	-0.36	5-7	>516	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.11	Horz(TL)	0.25	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 84 lb	

LUMBER

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

4-6 2 X 8 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.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 6=499/0-4-0, 2=592/0-4-0

Max Horz 2=-178(load case 4)

Max Uplift 6=-118(load case 7), 2=-162(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-625/274, 3-4=-413/299, 4-5=-511/218, 5-6=-288/181

BOT CHORD 2-7=-63/396, 5-7=-21/442

3-7=-94/350, 4-7=-254/143 WEBS

JOINT STRESS INDEX

2 = 0.60, 3 = 0.67, 3 = 0.00, 4 = 0.87, 5 = 0.42 and 7 = 0.22

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 Collin leads page 2

October 15,2007

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901176
L256809	T31	SPECIAL	1	1	
		P			Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:08 2007 Page 2

NOTES

- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Bearing at joint(s) 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 118 lb uplift at joint 6 and 162 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Less Trups Coston Engineer Plonds Ps. Pub. 34888 1466 Cassis May Sten Woynton Geson, 41 55455



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901177
L256809	T32	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:08 2007 Page 1

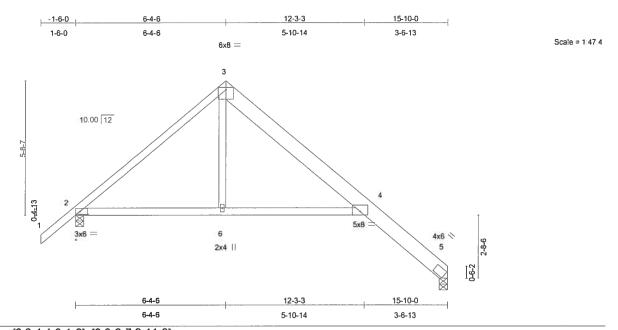


Plate Of	fsets (X,Y): [2:0-4-1,0-1-8], [3:	0-9-7,8-1	1-9]							1	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	0.21	4-6	>885	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.42	Vert(TL)	-0.38	4-6	>485	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.27	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF			rix)	'					Weight: 80 lb	

LUMBER

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

3-5 2 X 8 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.

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

bracing.

REACTIONS (lb/size) 5=499/0-4-0, 2=592/0-4-0

Max Horz 2=-191(load case 4)

Max Uplift 5=-113(load case 7), 2=-165(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-631/267, 3-4=-492/208, 4-5=-288/178

BOT CHORD 2-6=-40/410, 4-6=-41/406

WEBS 3-6=0/225

JOINT STRESS INDEX

2 = 0.65, 3 = 0.54, 3 = 0.00, 4 = 0.53 and 6 = 0.16

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.

ർ) All hearings page assumed to be SYP No.2 crushing capacity of 565.00 psi

October 15,2007

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901177
L256809	T32	SPECIAL	1	1	
					Job Reference (optional)

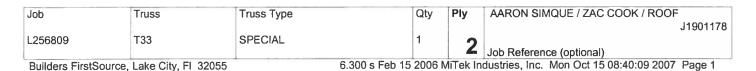
6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:08 2007 Page 2

NOTES

- 5) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 113 lb uplift at joint 5 and 165 lb uplift at joint 2.

LOAD CASE(S) Standard





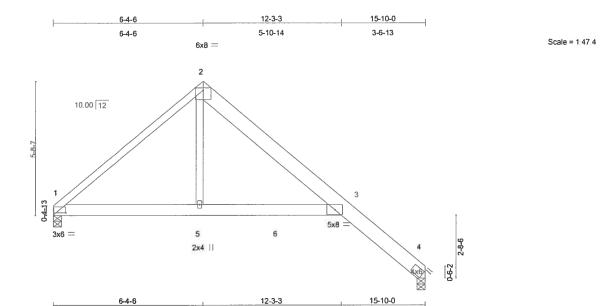


Plate Of	fsets (X,Y	'): [1:0-6-2,0-1-2], [1:	0-0-5,0-0-	6]		.,						
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	-0.14	3-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.26	3-5	>717	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.06	Horz(TL)	0.19	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Mat	rix)	' '					Weight: 175 lb	

LUMBER

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

2-4 2 X 8 SYP 2400F 2.0E

BOT CHORD 2 X 6 SYP No.1D

WEBS 2 X 4

2 X 4 SYP No.3

BRACING

5-10-14

TOP CHORD

Structural wood sheathing directly applied or

6-0-0 oc purlins.

3-6-13

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 1=626/0-4-0, 4=796/0-4-0

Max Horz 1=-215(load case 3)

Max Uplift 1=-127(load case 5), 4=-201(load case 6)

6-4-6

FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=-917/215, 2-3=-717/178, 3-4=-477/158

BOT CHORD 1-5=-98/632, 5-6=-97/620, 3-6=-97/620

WEBS 2-5=-58/401

JOINT STRESS INDEX

1 = 0.51, 1 = 0.00, 2 = 0.17, 3 = 0.67 and 5 = 0.14

NOTES

 2-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, 2 X 8 - 2 rows at 0-9-0 oc. Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc. Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads Connections (F) ag (B), unless otherwise indicated.

Truss Coston Chotheor Florida Fix No. 3-1868 1-100 Chastal Pay Blyd Goynton Gosch, 4L 36455

October 15,2007

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Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
				J190117
T33	SPECIAL	1	2	
				Job Reference (optional)
				1.555 //25

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NOTES

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

- 7) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 127 lb uplift at joint 1 and 201 lb uplift at joint 4.
- 9) Girder carries tie-in span(s): 12-0-0 from 9-6-8 to 13-6-0

LOAD CASE(S) Standard

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

Vert: 1-2=-54, 2-3=-54, 3-4=-67, 1-6=-10, 3-6=-165(F=-155)



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
				-	J190117
L256809	T34	COMMON	3	1	
					Job Reference (optional)

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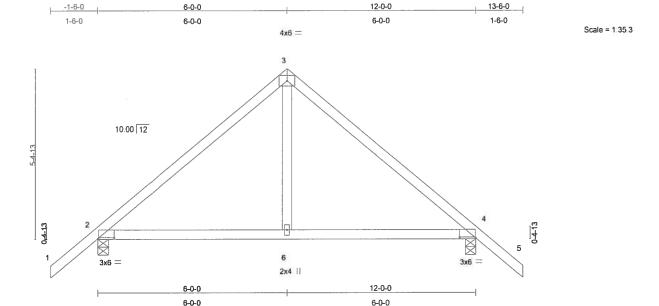


Plate Of	fsets (X,Y	'): [2:0-6-3,0-0-6], [4:	0-6-3,0-0-	6]		1						
LOADIN TCLL	G (psf) 20.0	SPACING Plates Increase	2-0-0 1.25	CSI TC	0.24	DEFL Vert(LL)	in 0.03	(loc) 2-6	l/defl >999	L/d 360	PLATES MT20	GRIP 244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.18	Vert(TL)	-0.04	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TF			rix)						Weight: 55 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) 2=463/0-4-0, 4=463/0-4-0

Max Horz 2=-139(load case 4)

Max Uplift 2=-150(load case 6), 4=-150(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-421/173, 3-4=-421/173, 4-5=0/52

BOT CHORD 2-6=-6/245, 4-6=-6/245

WEBS 3-6=0/204

JOINT STRESS INDEX

2 = 0.70, 3 = 0.62, 4 = 0.70 and 6 = 0.14

NOTES

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

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

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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 537019



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901179
L256809	T34	COMMON	3	1	
					Job Reference (optional)

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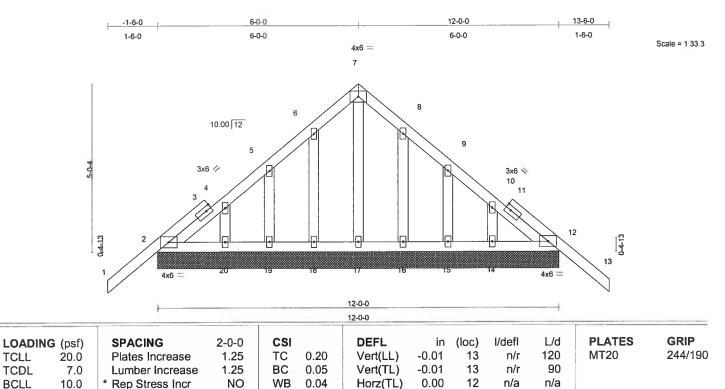
NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 150 lb uplift at joint 2 and 150 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qt	ty	Ply	AARON SIMQUE / ZAC COOK / ROOF
						J190118
L256809	T34G	GABLE	1	-	1	
						Job Reference (optional)
Buildere FiretSource	Lake City El 32055	F	300 s Feb 15 20	06 M	Tek In	dustries, Inc., Mon Oct 15 08:40:11 2007, Page 1



LUMBER

TCLL

TCDL

BCLL

BCDL

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

5.0

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

BRACING

TOP CHORD

Structural wood sheathing directly applied or

Weight: 78 lb

6-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=213/12-0-0, 12=213/12-0-0, 17=76/12-0-0, 18=96/12-0-0, 19=104/12-0-0,

20=90/12-0-0, 16=96/12-0-0, 15=104/12-0-0, 14=90/12-0-0

(Matrix)

Max Horz 2=-169(load case 4)

Code FBC2004/TPI2002

Max Uplift 2=-131(load case 6), 12=-150(load case 7), 18=-73(load case 6),

19=-113(load case 6), 20=-46(load case 7), 16=-68(load case 7),

15=-115(load case 7), 14=-41(load case 6)

Max Grav 2=213(load case 1), 12=213(load case 1), 17=110(load case 7), 18=99(load

case 10), 19=104(load case 1), 20=90(load case 1), 16=99(load case 11),

15=104(load case 1), 14=90(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/60, 2-3=-123/98, 3-4=-118/105, 4-5=-91/96, 5-6=-47/105, 6-7=-46/141, **TOP CHORD**

7-8=-46/141, 8-9=-47/90, 9-10=-45/39, 10-11=-65/53, 11-12=-71/46, 12-13=0/60

BOT CHORD 2-20=-16/163, 19-20=-16/163, 18-19=-16/163, 17-18=-16/163, 16-17=-16/163,

15-16=-16/163, 14-15=-16/163, 12-14=-16/163

7-17=-103/0, 6-18=-86/83, 5-19=-88/115, 4-20=-81/61, 8-16=-86/79, 9-15=-88/115,

10-14=-81/57

JOINT STRESS INDEX

WEBS

2 = 0.61, 3 = 0.00, 3 = 0.15, 4 = 0.04, 5 = 0.06, 6 = 0.05, 7 = 0.08, 8 = 0.05, 9 = 0.06, 10 = 0.04, 11 = 0.00, 11 = 0.15, 12 = 0.05, 12 = 0.05, 12 = 0.05, 13 = 0.05, 14 = 0.05, 15 = 0.0.61, 14 = 0.03, 15 = 0.06, 16 = 0.05, 17 = 0.03, 18 = 0.05, 19 = 0.06 and 20 = 0.03

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901180
L256809	T34G	GABLE	1	1	
					Job Reference (optional)

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NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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 stude 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 131 lb uplift at joint 2, 150 lb uplift at joint 12, 73 lb uplift at joint 18, 113 lb uplift at joint 19, 46 lb uplift at joint 20, 68 lb uplift at joint 16, 115 lb uplift at joint 15 and 41 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).
- 11) Gable truss supports 12" max. rake gable overhang.

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 Clesion Engineer Plofide Pii No. 3-1565 1406 Ensalel Bay Blvd Goviton Weson, FL 95-436



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901181
L256809	T35	COMMON	4	1	
A					Job Reference (optional)

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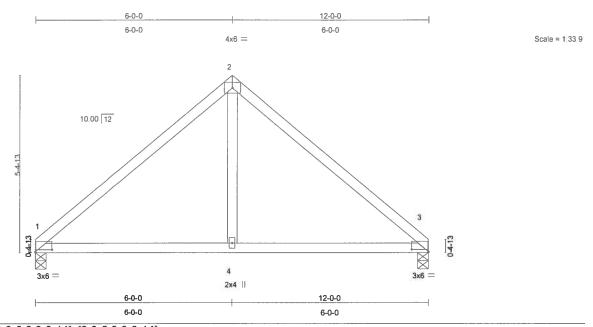


Plate Off	isets (X,Y	<u>/): [1:0-6-3,0-0-14], [3</u>	3:0-6-3,0-0)-14]							1	
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	0.04	1-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.06	1-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.01	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 49 lb	

1	11	M	R	F	P

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=373/0-4-0, 3=373/0-4-0

Max Horz 1=-141(load case 4)

Max Uplift 1=-73(load case 6), 3=-73(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=-444/215, 2-3=-444/215 1-4=-45/268, 3-4=-45/268

BOT CHORD WEBS

2-4=-19/210

JOINT STRESS INDEX

1 = 0.72, 2 = 0.70, 3 = 0.72 and 4 = 0.15

NOTES

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

Truss Design Engineer Florida FB No. 34866 1400 Chastal Bay Blud Boynton Boach, FL 55455

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
1.050000	705	001414011			J1901181
L256809	T35	COMMON	4	1	Job Reference (optional)

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NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 73 lb uplift at joint 1 and 73 lb uplift at joint 3.

LOAD CASE(S) Standard

Julius Less Truse Costan Engineer Floride PE No. 3-1888 1400 Chestel Bay Blvd Boynton Gesach, N.L. 55455



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901182
L256809	T36	MONO HIP	1	1	
					Job Reference (optional)

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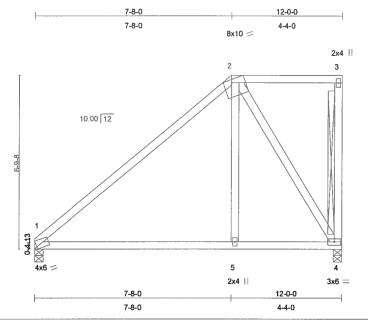


Plate Offsets (X,Y): [1:0-1-3,Edge], [2:0-3-13,Edge]	
LOADING (psf) SPACING 2-0-0 CSI DEFL in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0 Plates Increase 1.25 TC 0.46 Vert(LL) 0.13 1-5 >999 360	MT20 244/190
TCDL 7.0 Lumber Increase 1.25 BC 0.31 Vert(TL) -0.17 1-5 >832 240	
BCLL 10.0 * Rep Stress Incr YES WB 0.40 Horz(TL) 0.00 4 n/a n/a	
BCDL 5.0 Code FBC2004/TPI2002 (Matrix)	Weight: 69 lb

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

BRACING TOP CHORD BOT CHORD

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

bracing.
WEBS T-Brace:

2 X 4 SYP No.3 - 3-4

Scale = 1 43.4

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

Brace must cover 90% of web length.

REACTIONS (lb/size) 1=374/0-4-0, 4=374/0-4-0

Max Horz 1=208(load case 6)

Max Uplift 1=-37(load case 6), 4=-121(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=-396/69, 2-3=-7/7, 3-4=-51/76

BOT CHORD

1-5=-192/208, 4-5=-192/210

WEBS

2-5=-14/229, 2-4=-391/365

JOINT STRESS INDEX

1 = 0.81, 2 = 0.76, 3 = 0.32, 4 = 0.22 and 5 = 0.16

Julius Less Truss (Design Engineer Plonids PE No. 3-1969 1400 (Ensits) Rey Mord Bounton Beach, 1-L 50455

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Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
1.050000	T00	MONO LUD			J1901182
L256809	T36	MONO HIP	1	1	Joh Reference (entional)
					Job Reference (optional)

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NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 37 lb uplift at joint 1 and 121 lb uplift at joint 4.

LOAD CASE(S) Standard

Julius Lee Truss Coston Engineer Pioride PE No. 34800 1460 Chamiel Bay Blort Scynton Gedon, N. 56756



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
L256809	Т37	MONO HIP	1	1	J1901183
L250009	137	MONO HIP	'	'	Job Reference (optional)

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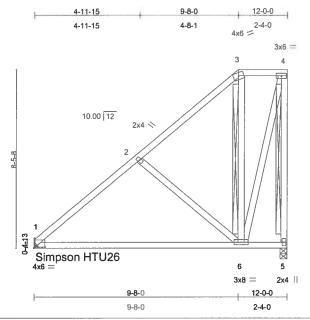


Plate Of	ffsets (X,Y	'): [1:0-6-7,0-0-10]		,								
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	-0.16	1-6	>853	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.43	Vert(TL)	-0.30	1-6	>463	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.39	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	1					Weight: 85 lb	

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

BRACING TOP CHORD BOT CHORD

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

WEBS

T-Brace:

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

Scale = 1:52.7

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) 1=375/Mechanical, 5=375/0-4-0

Max Horz 1=262(load case 6)

Max Uplift 1=-10(load case 6), 5=-171(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-408/28, 2-3=-219/7, 3-4=-95/79, 4-5=-405/320

BOT CHORD 1-6=-299/272, 5-6=-2/1

WEBS 2-6=-229/283, 3-6=-121/177, 4-6=-319/386

JOINT STRESS INDEX

1 = 0.68, 2 = 0.16, 3 = 0.42, 4 = 0.38, 5 = 0.20 and 6 = 0.49

Julius Lee Truse Cestan Engineer Flohas Me No. 3-1866 1-106 Cassial May Mivd Boynton Weech, FL 66-196

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901183
L256809	T37	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) 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 10 lb uplift at joint 1 and 171 lb uplift at joint 5.

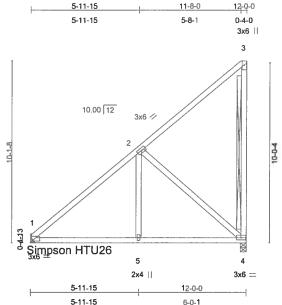
LOAD CASE(S) Standard

Julius Les Truss Coston Endinser Florida Fill No. 3-1869) 106 Chawlel Bay Blod Coynton Gosch, FL 50406



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
1.050000	700	NAONO LUD			J1901184
L256809	T38	MONO HIP	1	1	Job Reference (optional)
				1	Job Releience (optional)

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Scale = 1 61.8

Plate Of	ffsets (X,Y	'): [1:0-6-3,0-0-14]							- 11 B			
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	0.05	1-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.18	Vert(TL)	-0.05	1-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.35	Horz(TL)	-0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 74 lb	

LUMBER

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

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

TOP CHORD

BOT CHORD

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

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

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

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

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 1=375/Mechanical, 4=375/0-4-0

Max Horz 1=319(load case 6) Max Uplift 4=-239(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=-439/0, 2-3=-130/75, 3-4=-128/165

BOT CHORD

1-5=-272/265, 4-5=-272/265

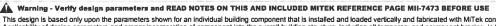
WEBS 2-5=0/207, 2-4=-339/348

JOINT STRESS INDEX

1 = 0.67, 2 = 0.19, 3 = 0.27, 4 = 0.17 and 5 = 0.15

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Continued on page 2



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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901184
L256809	T38	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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 239 lb uplift at joint 4.

LOAD CASE(S) Standard

Julius Les Trues Costan (Indinsor Florida Pe No. 3-1965) 106 (Jeastal Bay Florida Boynton tesant, FL 50-196



	russ	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
1.050000	200	MONOTHE			J1901185
L256809 T3	39	MONO HIP	1	1	Job Reference (optional)

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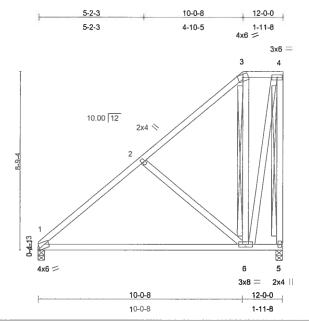


Plate Offs	sets (X,Y): [1:0-1-3,Edge]				,						
LOADING	(psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.19	1-6	>752	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.34	1-6	>408	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.43	Horz(TL)	-0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 87 lb	

LUMBER

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

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

BRACING TOP CHORD

BOT CHORD

WEBS

bracing. T-Brace:

Rigid ceiling directly applied or 6-0-0 oc

Scale = 1 54 6

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

Structural wood sheathing directly applied or

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

Brace must cover 90% of web length.

REACTIONS (lb/size) 1=374/0-4-0, 5=374/0-4-0

Max Horz 1=272(load case 6)

Max Uplift 1=-3(load case 6), 5=-182(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-401/9, 2-3=-205/0, 3-4=-82/67, 4-5=-418/318

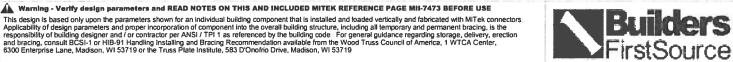
BOT CHORD 1-6=-295/265, 5-6=-2/1

WEBS 2-6=-238/294, 3-6=-134/197, 4-6=-334/413

JOINT STRESS INDEX

1 = 0.74, 2 = 0.16, 3 = 0.45, 4 = 0.28, 5 = 0.21 and 6 = 0.46

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
L256809	T40	MONO HIP	1	1	J1901186
2230003	140	MONO 1 III			Job Reference (optional)

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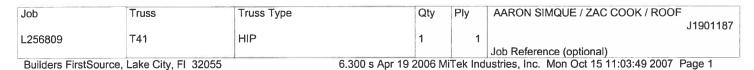
NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 33 lb uplift at joint 1 and 129 lb uplift at joint 4.

LOAD CASE(S) Standard

Julius Les Truse Coston Engineer Monda PE No. Idags 1800 Chastel Bay Blud Boymon Wooch, tt. 25455







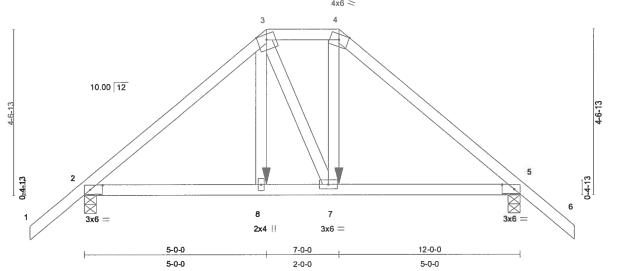


Plate Of	fsets (X,Y)	[2:0-4-1,0-1-8], [5:0	-4-1,0-1-8]		- 1							
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	1/defl	L/d	PLATES	GRIP
TCLL.	20.0	Plates Increase	1.25	TC	0.20	Vert(LL)	-0.02	5-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.03	5-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.09	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	P12002	(Mati	rix)						Weight: 65 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

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

REACTIONS (lb/size) 2=698/0-4-0, 5=688/0-4-0

Max Horz 2=116(load case 4)

Max Uplift 2=-328(load case 5), 5=-321(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-780/346, 3-4=-518/300, 4-5=-766/337, 5-6=0/52

BOT CHORD 2-8=-256/520, 7-8=-251/513, 5-7=-198/510

WEBS 3-7=-123/115, 4-7=-204/291, 3-8=-138/231

JOINT STRESS INDEX

2 = 0.57, 3 = 0.32, 4 = 0.34, 5 = 0.56, 7 = 0.19 and 8 = 0.17

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 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.
- *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 328 lb uplift at joint 2 and 321 lb uplift at joint 5.

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Scale = 1:30.6

7) Girder carries hip end with 5-0-0 end setback.

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

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



Job		Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF	
1			l <u>.</u>				J1901187
L2568	309	T41	HIP	1	1		
					L	Job Reference (optional)	

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NOTES

8) 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=-90(F=-36), 4-6=-54, 2-8=-10, 7-8=-17(F=-7), 5-7=-10

Concentrated Loads (lb)

Vert: 7=-187(F) 8=-187(F)

Julius Les Truss Coston Endineer Florida Fm No. 34200 1466 Chestel Rey Slyd Boynton Beson, FL 20420



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901188
L256809	T42	COMMON	5	1	
					Job Reference (optional)

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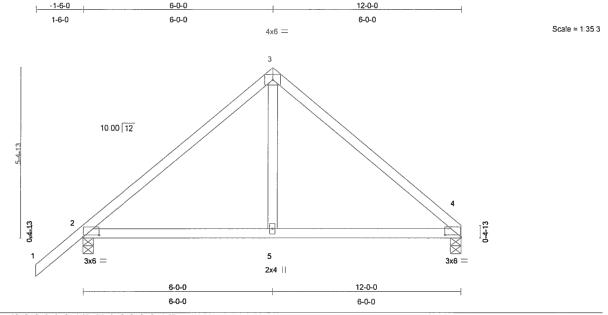


Plate Of	fsets (X,Y): [2:0-6-3,0-0-14], [⁴	1:0-6-3,0-0	0-14]								
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	0.04	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.20	Vert(TL)	-0.06	4-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 52 lb	

1	и	M	R	ᆮ	D

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

BRACING

TOP CHORD
BOT CHORD

Structural wood sheathing directly applied or

6-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 4=367/0-4-0, 2=470/0-4-0

Max Horz 2=163(load case 5)

Max Uplift 4=-72(load case 7), 2=-151(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD BOT CHORD 1-2=0/52, 2-3=-434/198, 3-4=-431/191 2-5=-35/257, 4-5=-35/257

WEBS

3-5=0/207

JOINT STRESS INDEX

2 = 0.72, 3 = 0.66, 4 = 0.72 and 5 = 0.15

NOTES

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

Pichida PE No. 3개별명의 1·IOG Chastal Bay Bivd Goynton Gaach, FL 50개55

October 15,2007



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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901188
L256809	T42	COMMON	5	1	
					Job Reference (optional)

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NOTES

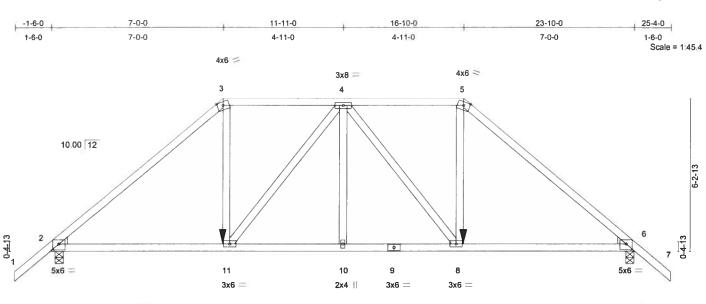
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 72 lb uplift at joint 4 and 151 lb uplift at joint 2.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF	
L256809	T43	HIP	1	1	J190118	9
L230009	143	1 111	'	'	Job Reference (optional)	

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[2:0-3-0,0-2-15], [4:0-0-0,0-0-0], [6:0-3-0,0-2-15] Plate Offsets (X,Y): LOADING (psf) **SPACING** 2-0-0 **CSI DEFL** I/defl L/d **PLATES GRIP** (loc) in **TCLL** 20.0 Plates Increase 1.25 TC 0.79 Vert(LL) 8-10 >999 360 MT20 244/190 0.11 BC **TCDL** 7.0 Lumber Increase 1.25 0.56 Vert(TL) -0.15 10-11 >999 240 **BCLL** NO **WB** 0.50 10.0 Rep Stress Incr Horz(TL) 0.06 6 n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 131 lb

16-10-0

9-10-0

LUMBER

TOP CHORD 2 X 4 SYP No.2

0-2-0

0-2-0

BOT CHORD 2 X 4 SYP No.1D

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

3-11-6 oc purlins.

BOT CHORD Rigid ceiling directly applied

Rigid ceiling directly applied or 6-5-5 oc bracing.

23-6-0

6-8-0

23,10-0

0-4-0

REACTIONS (lb/size) 2=1622/0-4-0, 6=1622/0-4-0

Max Horz 2=162(load case 4)

7-0-0

6-10-0

Max Uplift 2=-811(load case 5), 6=-811(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-2171/1139, 3-4=-1578/940, 4-5=-1578/940, 5-6=-2171/1139, 6-7=0/52 BOT CHORD 2-11=-910/1554, 10-11=-1050/1833, 9-10=-1050/1833, 8-9=-1050/1833, 6-8=-799/1554

WEBS 3-11=-643/998, 4-11=-502/375, 4-8=-502/375, 5-8=-642/998, 4-10=-208/352

JOINT STRESS INDEX

2 = 0.66, 2 = 0.00, 3 = 0.78, 4 = 0.57, 5 = 0.78, 6 = 0.66, 6 = 0.00, 8 = 0.65, 9 = 0.75, 10 = 0.34 and 11 = 0.65

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; cantilever left exposed; 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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Continued on page 2

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

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF	
					J19011	189
L256809	T43	HIP	1	1		
					Job Reference (optional)	

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- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 811 lb uplift at joint 2 and 811 lb uplift at joint 6.
- 7) Girder carries hip end with 7-0-0 end setback.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-5=-72(F=-18), 5-7=-54, 2-11=-10, 8-11=-69(F=-59), 6-8=-10

Concentrated Loads (lb)

Vert: 11=-411(F) 8=-411(F)



Job	Truss	3	Truss Type		Qty 1	Ply	AARON SI)F J1901190		
_256809	T44		HIP			1	Job Referer	oce (ontion	nal)	31901190
Builders FirstSe	ource, Lake	City, FI 3205	5	6.300 s Feb 15 2	2006 N	/liTek In	dustries, Inc.	Mon Oct	15 08:40:17 200	7 Page 1
	-1-6-0	4-7-15	9-0-0	14-10-0		19-2-	1	23-10-0	25-4-0	
	1-6-0	4-7-15	4-4-1	5-10-0		4-4-	1	4-7-15	1-6-0	Scale ≈ 1:56.
			4x6		4x10 -	*				
					R					
13		10.00 12	2x4 ×				2x4 // 6		5	
7-10-13							Jan 1		7-10-13	

3x6 =

0.2.0 9-0-0 14-10-0 23-10-0
0-2-0 8-10-0 5-10-0 9-0-0

Plate Offsets (X,Y): [2:0-3-0.0-2-15] [7:0-3-0.0-2-15]

3x8 =

Plate Of	Plate Offsets (A, 1). [2.0-3-0,0-2-15], [7.0-3-0,0-2-15]														
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP			
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.15	7-9	>999	360	MT20	244/190			
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.27	7-9	>999	240					
BCLL	10.0	* Rep Stress Incr	YES	WB	0.10	Horz(TL)	0.03	7	n/a	n/a					
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)	, ,					Weight: 139 lb				

10 9

3x6 =

LUMBER **BRACING** TOP CHORD 2 X 4 SYP No.2 TOP CHORD Structural wood sheathing directly applied or BOT CHORD 2 X 4 SYP No.2 6-0-0 oc purlins. 2 X 4 SYP No.3 **BOT CHORD WEBS** Rigid ceiling directly applied or 10-0-0 oc WEDGE bracing. Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3 **WEBS** T-Brace: 2 X 4 SYP No.3 -5-11

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.

5x6 =

REACTIONS (lb/size) 2=842/0-4-0, 7=842/0-4-0

5x6 =

Max Horz 2=209(load case 5)

Max Uplift 2=-213(load case 6), 7=-213(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-981/458, 3-4=-798/449, 4-5=-561/420, 5-6=-798/449, 6-7=-981/458,

7-8=0/52

BOT CHORD 2-11=-225/683, 10-11=-69/561, 9-10=-69/561, 7-9=-166/683

WEBS 3-11=-164/205, 4-11=-87/263, 5-11=-112/113, 5-9=-87/264, 6-9=-165/205

Julium Les Truss Caston Engineer Honor es No Sander 1406 Chastel Bay Blvd Coynton Cason, to Coabb

JOINT STRESS INDEX

2 = 0.64, 2 = 0.00, 3 = 0.33, 4 = 0.50, 5 = 0.82, 6 = 0.33, 7 = 0.64, 7 = 0.00, 9 = 0.34, 10 = 0.37 and 11 = 0.56

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
L256809	T44	HIP	4		J1901190
L230009	144	PIF	'		Job Reference (optional)

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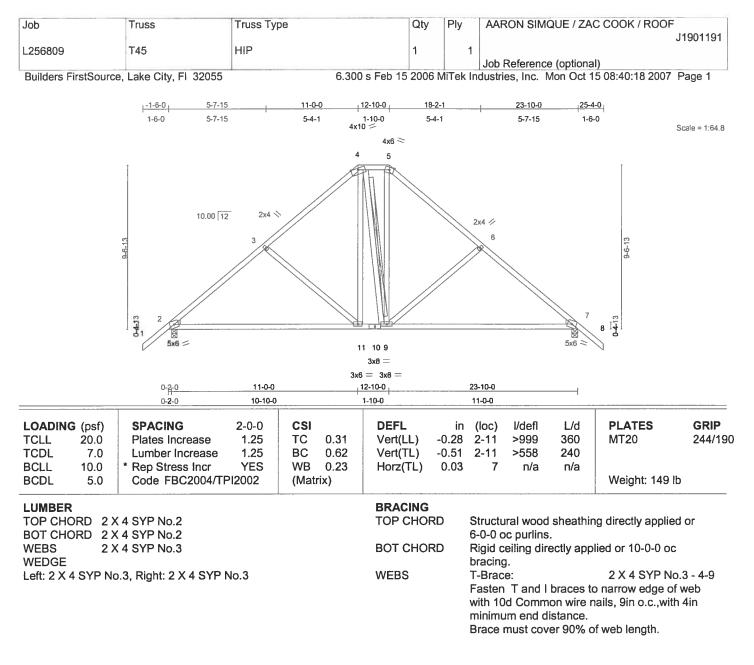
NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 213 lb uplift at joint 2 and 213 lb uplift at joint 7.

LOAD CASE(S) Standard

Julius Les Truss Costan Chainson Plotids Pis No. 34888 1400 Chastal Bay Alvri Goynton Bosch, at 25425





REACTIONS (lb/size) 2=842/0-4-0, 7=842/0-4-0

Max Horz 2=-256(load case 4)

Max Uplift 2=-220(load case 6), 7=-230(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-964/445, 3-4=-734/429, 4-5=-489/415, 5-6=-734/429, 6-7=-965/445,

7-8=0/52

BOT CHORD 2-11=-192/667, 10-11=-70/486, 9-10=-70/486, 7-9=-142/667

WEBS 3-11=-245/278, 4-11=-138/256, 4-9=-180/179, 5-9=-133/250, 6-9=-241/275

Julius Lee Truss Costan Endinsor Florida FE No 34858 1400 Chestal May Alva Boynton Bosch, 4L 55455

JOINT STRESS INDEX

2 = 0.71, 2 = 0.00, 3 = 0.33, 4 = 0.87, 5 = 0.55, 6 = 0.33, 7 = 0.71, 7 = 0.00, 9 = 0.57, 10 = 0.74 and 11 = 0.34

NOTES

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

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901191
L256809	T45	HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:18 2007 Page 2

NOTES

- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; 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 220 lb uplift at joint 2 and 230 lb uplift at joint 7.

LOAD CASE(S) Standard

Julius Les Truss Coston (Indineer Florida FE No. 3-1969 1-106 (Inastal Say Sivri Goviton Beson, H. 50456



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901192
L256809	T46	COMMON	3	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:19 2007 Page 1

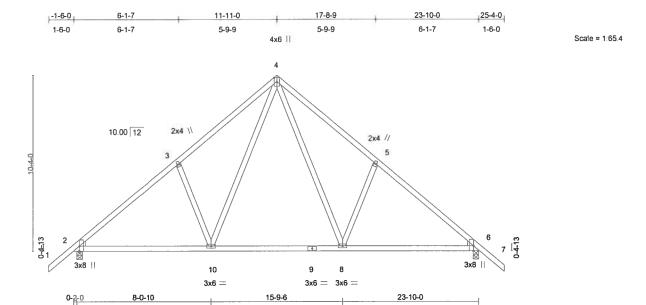


Plate Offsets (X,Y): [2:0-3-8,Edge], [6:0-3-8,Edge] **SPACING** 2-0-0 CSI **DEFL** L/d **PLATES GRIP** LOADING (psf) in (loc) I/defl TC 360 MT20 244/190 **TCLL** 20.0 Plates Increase 1.25 0.32 Vert(LL) -0.08 2-10 >999 >999 Lumber Increase 1.25 BC 0.32 Vert(TL) -0.162-10 240 TCDL 7.0 * Rep Stress Incr **BCLL** 10.0 YES WB 0.53 Horz(TL) 0.02 6 n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 136 lb

7-8-12

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 sheat

Structural wood sheathing directly applied or

6-0-0 oc purlins.

8-0-10

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

bracing.

REACTIONS (lb/size) 2=842/0-4-0, 6=842/0-4-0

Max Horz 2=-276(load case 4)

0-2-0

Max Uplift 2=-222(load case 6), 6=-222(load case 7)

7-10-10

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-974/423, 3-4=-848/556, 4-5=-848/556, 5-6=-974/423, 6-7=0/52

BOT CHORD 2-10=-167/663, 9-10=-41/448, 8-9=-41/448, 6-8=-118/663

WEBS 3-10=-268/308, 4-10=-261/361, 4-8=-261/361, 5-8=-268/308

JOINT STRESS INDEX

2 = 0.58, 2 = 0.00, 3 = 0.33, 4 = 0.68, 5 = 0.33, 6 = 0.58, 6 = 0.00, 8 = 0.47, 9 = 0.16 and 10 = 0.47

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; cantilever 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.

Julius Lee Truss Ceston Enginesr Florida His No. 34866 1400 Createl Hay Flori Several Research

Continued on page 2

October 15,2007

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 / TP1 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCS-1 or HIB-91 Handling Installing and Bracing Recommendation authlable from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / ZAC COOK / ROOF
					J1901192
L256809	T46	COMMON	3	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Mon Oct 15 08:40:19 2007 Page 2

NOTES

- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 222 lb uplift at joint 2 and 222 lb uplift at joint 6.

LOAD CASE(S) Standard

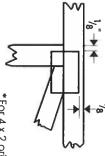


Symbols

PLATE LOCATION AND ORIENTATION



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



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



connector plates. required direction of slots in This symbol indicates the

PLATE SIZE

4 × 4

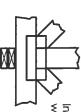
The first dimension is the width perpendicular to slots. Second to slots. dimension is the length paralle

LATERAL BRACING



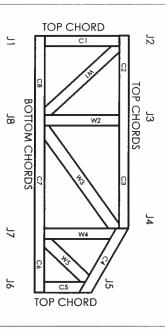
continuous lateral bracing. Indicates location of required

BEARING



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

Numbering System



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

BOCA 3907, 4922 96-31, 96-67

IC_BO

SBCCI

WISC/DILHR 960022-W, 970036-N

9667, 9432A

NEW TR

561





MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Damage or Personal Injury Failure to Follow Could Cause Property

- 1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- 5 Cut members to bear tightly against each
- ω Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
- 4. Unless otherwise noted, locate chord splices at 1/4 panel length (± 6" from adjacent joint.)
- Ç Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of tabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.

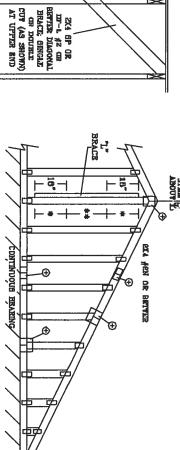
0

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

TRUSSES REDURE EXTREME CARE IN FARRIZATING, HARLING, SAPPING, JUSTALLING AND DECEMBER, JUSTALLING AND DECEMBER, JUSTALLING AND DECEMBER CARE IN ACTION OF BRAINS OF TRUSSES OF T	BRACES NO (1) 134 1, BRACE (2) 234 1, BRACE (3) 244 1, BRACE (4) 244 1, BRACE (5) 2	ASCE 7-02: 130 MPH WIND SPEED 15' MEAN HEIGHT
CONS. ENGINEERS P.A. PELPAY BEACH, PL. S.444-2161. No. 34869 STATE OF FLORIDA MAX. SPACING MAX. SPACING	## A GROUP B GROUP A GROUP A GROUP IN GROUP B GROUP A GROUP B GROUP A GROUP A GROUP IN GROUP IN GROUP A GROUP	HT ENCLOSED I = 1 00
REF ASCR7-02-GAB13015	BRACING GROUP SPECT GROUP SPECT GROUP SPECT GROUP SPECT GROUP SPECT GROUP STANDARD GROUP GRANDARD DEPLOYION CESTR FOR (1) "L' BRACES NOW M 18" END ZOMES AND GRANDARD D' GRANDARD GRANDARD GRANDARD GRANDARD D' GRANDARD GRANDARD GRANDARD GRANDARD D' GRANDARD GRANDARD GRANDARD GRANDARD GRANDARD GRANDARD D' GRANDARD D' GRANDARD GRANDAR	O EXPOSIIRE C

ASCE ·-02: 130 MPH WIND SPEED, 30, MEAN HEIGHT, ENCLOSED, 11 1.00, **EXPOSURE** Q

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	4.	4. N	<u>4</u> ي	4' 4"	4 5	8' 11"	3' 11"	3' 11"	4. 0°	3' B,	3, 8,	3. 8.	3' 11"	4 _.	3' Y"	3' 7"	3' 7"	3'8"	g, 0,	3 3	3,	3' 6"	3' 6"	Z' 11"	3' 1"		છ ુ	BRACES	Š	
	5. 6.		B) 63	6' 11"	B' 11°	5' 4"	B, 3,	B, 3,	6' 11"	4' B	5 6*	5' 7"	8' 4"	8 4	4' 6"	5' 6"	5' 5"	6' 4"	3' 10°	4' 6"	4. 6.	5' 6"	5, B.	3' 8"	4' 6"	4' 5"	5. 6,	GROUP A	. PXT (T)	
	5' 6"	1	6, 2,	7° B.	7' 6"	5' 4"	6.3.	в. З	7. 8.		5' B"	6. 7.	6' 10"	B' 10"	4' B"	6' 5"	5' 5"	6. 8.	3' 10"	4' B"	4' 6"	6' 11"	5' 11"	3' 9"	4' 5"	4' 5"	6′ B.	GROUP B	"L" BRACE •	
	7' 9"		6° 8°	B' 3	8, 3,	7' 1"	8º 3º		6. 3.	6' 3"	7' 3"	7. 4.	7' 8"	7' B"	8. 8.	7' 2"	7' 2"	7' 6"	5' 1"	5' 11"		6' 6"	6' B"	6' D*	b' 10*	6. 10.	6′ 6-	B GROUP A	(1) 2X4	
12	7' 3"	1.	a e	8' 11"	8' 11"	7' 1"		8' 3*	B. 6.	8' 3"	7' 3"		B' 1"	B' 1*		P' 2"	7' 2"	7' 8"	6' 1"	5' 11"	6. 0.	7' 0"	7' 0"	6. 0,	6' 10"	5' 10"	6. 9.	GROUP	"L" BRACE	
CH PERCES	8.8	9 10	9' 10"	8' 10"	8, 10,	9' 6"		9' 10"	9. 10-	8° 5"	8' 11"	8" 11"	8' 11"	8' 11"	- 1	8' 11"	8' 11"	8. 11.	6' 11"	7' 10"	7' 10"	7' 10"	7' 10	g, 9 <u>.</u>	7' 10"	7' 10"	7' 10"	B GROUP	• (2) 2X4	
	ຄ, ຄ,	10.	10' 4"	10'	10' 7"	9, 6,	9	Н	10. 1.	B' 5°	8, 2,	9.	9,	8, 2,	6.	B' 11"	8' 11"	Θ.	6' 11"	8 D	æ	Θ,	DQ.	6 B	7' 10"	7' 10"	8, 0 <u>.</u>	A GROUP	"L" BRACE :	
	11' 4"	12' 11"	12' 11"	18.	12' 11"	11' 1"	12. 10"	12' 11"	12' 11"	8' 9"	11' 4"	11' 5"	11,	11' 9"	9. 7.	11, 1,	11' 2"	11	B' 0"	B, 3,	φ.	10' 3"	10' 3"	7' 10"	\exists	Н	10" 3"	B GROUP	** (1) 2X6	
	11' 4"	13. 1.	18' 3"	13' 11"	13' 11	11' 1"	12' 10"	12' 11"	15' 4"	9, 9,	11' 4"	11. 6.	12° B"	12' B"	9. 7.	11, 1,	11' 2"	12' 1	8, D.	B 3	θ. 4.	11, 1,	11' 1"	7' 10'	9′ 1″	9' 1"	10' 7'	A GROUP	"L" BRACE +	
	14' 0"	14. 0	14' 0"	14' 0"	Н	H	14' 0"	, 14, 0,	14' 0"	13' 3"	14' 0'	14' 0"	14' 0"	14' 0"	12. 11.	14' 0"	14' 0"	14. 0	10' 10"	12' 3"	12. 3.	12' 3"	12 3	10. 7"	Н	Н	12' 3"	GROUP B GROUP A GROUP	, ,	
	14' 0"	\vdash	14' 0"	14' 0"	Н	14' 0"	14' 0"	14' 0"	14	13	14 0	14	' 14' 0"	Н	. 18. 11	14' D"	14' D"	Н	" 1D' 10"	12' 6"	12	13'	13	10	12'	\dashv	12' 7"	A GROUP	(2) ZXB 'L' BRACE (2)	
DUTIONARS WITH 2' O' DVERBANG, OR 12'	_	CONTINUOUS BEARING (5 PSF TC DEAD LOAD).		LIVE LOAD DEPLECTION CHITERIA IS L/240.	Ш	CATTE TRIES DETAIL NOTES.				5	BOUTHING PINE DOUGLAS FIR-LARCH		71 8 618						AL CANDARD		DOUGLAS FIR-LARCE SOUTHERN PINE		Man Strop	A1 / 12 STANDARD 12 S	GROUP A:		BRACING GROUP SPECIES AND GRADES:	8	1	
F 12"	-	I LOAD).		5	71 200	1100					- LARCH								3		PDUE		STANDARD		∃		RADES			



DIAGONAL BEACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
HRACE IS USED. CONDECT
IMACONAL BEACE TOR SHOP
AT EACH IND. MAX WEB

SUBLE TEUBS

TOTAL LENGTH IS 14".

VERTICAL LENGTH SHOWN IN TABLE ABOVE.

MIDPIDAT OF VERTICAL WEB.

REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH

C

TAE TOWN DELECTION C	GABLE TRUSS
SI WINBELDE	DETAIL
L/240.	NOTES:

ATTACE SACH "L" ERACE WITE 10d NAILS.

FOR (1) "L" ERACES, SPACE NAILS AF 2° D.C.

FOR (2) "L" ERACES; EFACE NAILS AT 3° O.C.

EN 18" END ZONES AND 4" D.C. ENTWEND ZONES. PLYWOOD OVERHANG. DUTLODARKS WITH 2' O' OVERBANC, OR 12" CONTINUOUS ERARING (S PSF TC DEATH LOAD).

MITMENTS LENGTH. VERTICAL CENCTH

LESS THAN 4' 0'

GREATER THAN 4' 0', BUT

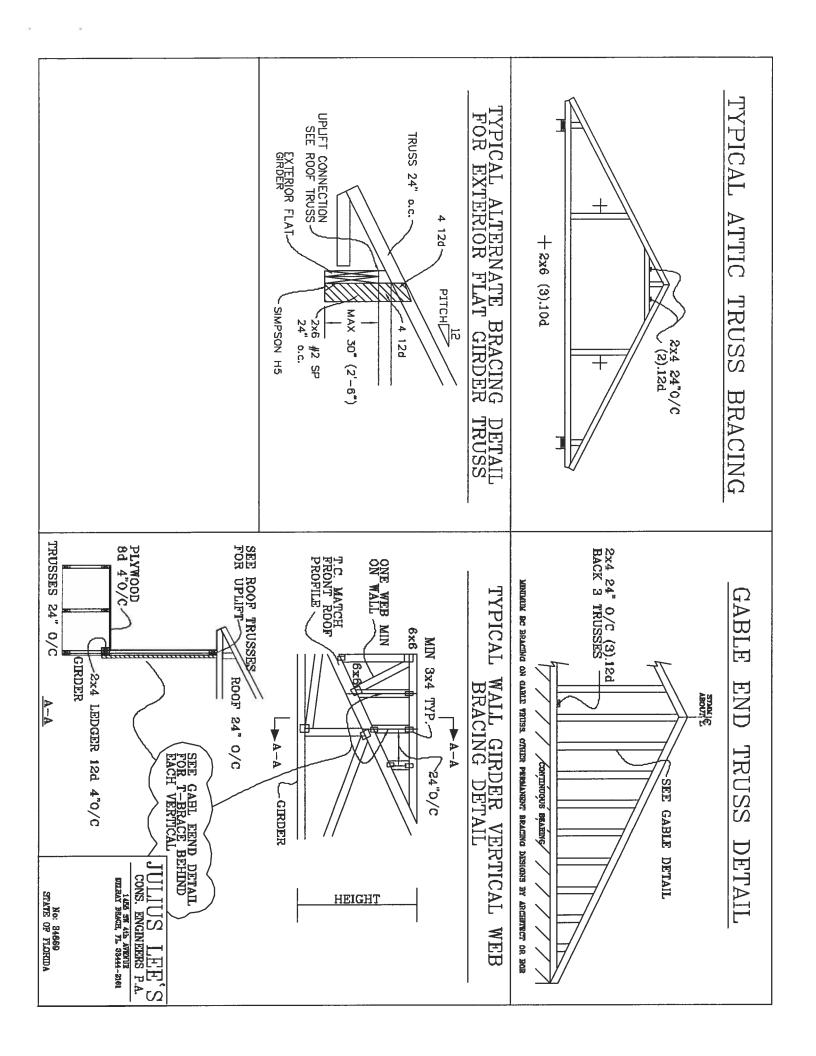
LESS THAN 11' B' GREATER THAN 11' 6" CABLE VERTICAL PLATE SIZES NO SPLICE 2.5X4 22

PEAK, SPIJCH, AND HEEL PLATES.

T- BRACING MUST BE A MINIMUM OF BOX OF WEB

STATE OF FLORIDA	MO: 7400A			1456 BM 4th AVENUE	CONS. ENGINEERS P.A.	
MAX	V 4 74	MAX.				
MAX. SPACING 64.0	27	MAX. TOT. LD. 60 PSF				
ING	יוואוס	Ð.				
64	2	1 09				
2	2	SF				
			-ENG	DWG M	DATE	REF
				DWG MYZK SYD GABLE SO' E H7	DATE 11/26/09	ASCE7-02-GAB13030

WAYARODGIN TRUSSIS REMURE EXTREME CARE IN FARCURATING, HANDLING, SUPPING, INSTALLING AND BRACHAE. REPER TO BEST 1-03 COULDING COMPINENT SAFETY (BEDGATION), PUBLISHED IN TPI CIRRUSS PLATE INSTITULE, 589 INSTANCIO IN INTEL END, MINISTAN, ME STATION AND META KANDID TRUSS CLUACIDE OF HITTERPOISE LM, MINISTAN, ME STATIO FANCITIES PROTE TO PERCORANG THE SAFETY FANCITIES PROTE TO PERCORANG THESE TWICTHOSE, WHILES OF THE RAVIES IN DECRETORY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RECORD STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RECORD.



BOP CHORD CHORD WEBS 284 482 483 483 ಹನ್ನ 品品品 BETTER BETTER

PIGGYBACK DETAIL

JOINT

SPANS

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\$

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234

2.5X4

2.6X4

335 ξį,

6X8

8

BX6

REFER TO SEALED DESIGN FOR DASHED PLATES

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

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

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

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

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED FURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE POLLOWING WIND CONDITIONS:

110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLASED HLDG, LOCATED ANYWHERE IN ROOF, 1 MI FROM COAST CAT L EXP C. WIND TO DL-5 PSF, WIND BC DL-5 PSF 110 MPH WIND, 30' MEAN HGT, FBG ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TO DL-5 PSF, WIND BC DL-5 PSF

130 MPH WIND, 30' MEAN HGT, ASCE 7-02, BLDG, LOCATED ANYWHERE IN ROOF, CAT II, WIND TC DL=6 PSF, WIND HC DL=6 PSF

Ħ Ħ

> 8 **5X4**

> > 979

8

9X9

OR SX6 TRULOX AT 4'
ROTATED VERTICALLY

g

C Ħ >

. Exa 4X8

.6X4

. 504

1.5X4

FRONT FACE (E,*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX. ETTHER PLATE
LOCATION IS
ACCEPTABLE JX¥X 2₹ 20' FLAT TOP CHORD MAX SPAN ш TYP. Ħ ы MAX SIZE OF ZXIZ В ш -TYP. D-SPIJOE

* PIGGYBACK SPECIAL PLATE

ATTACH TRULOX PLATES WITH (6) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

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

ິດ

			1465 SW 4th AVENUE	CONS. ENGINEERS	7,EE 2111111
47 PSF AT 1.15 DUR. FAC.	דיעם חסצי נישרי	50 PSF AT	<u> </u>	P.A. 55 PSF AT	MAX LOADING
antara alamba di sa		-ENG JL	DRWGMITEK STD PI	DATE 09/12/07	REF PIGGYBACK

PIGGY

THIS DRAWING REPLACES DRAWINGS 634,016 694,017 & 647,045

8 1/4"

STATE OF FLORIDA

SPACING

24.0

ATTACH

PIGGYBACK WITH SX8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE

SEMANANISM TRACECT REGIME CYTEDS EARC IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BACKING REFER TO EXCLI-TIO QUILLING COMPONENT SAFETY BACRACHON, PELLICHED BY TPI CREASS PARE INCITIURE, SEG GENOTIFICO ESC. SUITE EDI, MANISON, V. 1. 32759 AND AFEN AFORM THE SAFETY PROCESS. IN, HANDSON, VI. 1. 32759 FIRE SAFETY PROCESS. PERE TO PERFORM THE SAFETY PROCESS. AND AFEN AFTER THE PERFORMANCE PRINT TO PERFORM THE SAFETY PROCESS. AND AFEN THE PERFORMANCE PRINT THE PERFORMANCE AND RESIDENCE AFTER THE PERFORMANCE PROCESS. AND AFFECT PROCESS. AND

VALLEYTRUSS DETAIL

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

- 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).
- * ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: FBC 2004 110 MPH, ASCE 7-02 110 MPH WIND OR (ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENC. BUILDING, EXP. C. RESIDENTIAL, WIND TC DL=5 PSF. (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR OR (3) 16d FOR

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

MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

FROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION

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

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

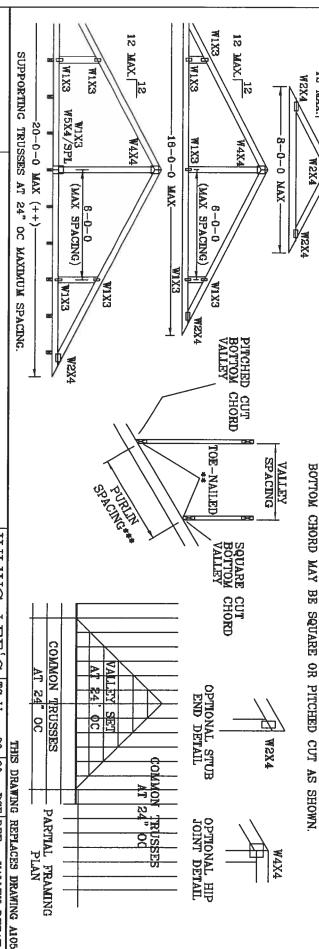
CUT FROM 2X6 OR LARGER AS REQ'D

4-0-0 MAX

12 MAX.

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

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN



			G ACHO	PERFORMOL	TALLING AND	
STATE OF PLORIDA	No: 34R60			DELEAT BEACH, IL 33444-2161	NEERS PA.	JULIUS LEE'S
SPACING	DUR.FAC. 1.25	TOT. LD. 32 40	BC II	BC DL	TC DL	TC LL
	5	32	0	U	 Z	20
24"	1.25	40	0	Çħ	15	80
		PSF	PSF	PSF	PSF	PSF REF
			PSF -ENG JL	DRWG	DATE	REF
			Л	VALTRUSS1103	11/26/03	VALLEY DETAIL

TOE-NAIL DETAIL

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

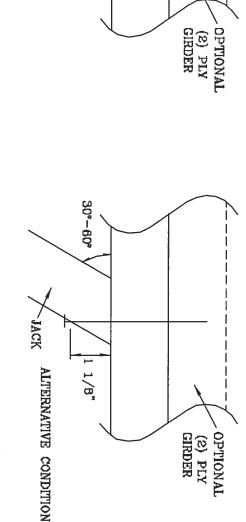
PER ANSI/AF&PA NDS-2001 SECTION 12.4.1 — EDGE DISTANCE, END DISTANCE, SPACING: "EDGE DISTANCES, END DISTANCES AND SPACINGS FOR NAILS AND SPIKES SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD."

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

THIS DETAIL DISPLAYS A FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

MUNIXAM
VERTICAL
RESISTANCE
OF 16d
(0.162"X3.5")
COMMON
TOE-NAILS

NUMBER OF		SOUTHERN PINE	DOUGLAS	DOUGLAS FIR-LARCH		HEM-FIR	SPRUCE PINE FIR	PINE FIR
TOE-NAILS	1 PLY	2 PLIES 1 PLY	1 PLY	2 PLIES	1 PLY	1 PLY 2 PLIES	1 PLY	2 PLIES
N	197#	256#	181#	234#	156#	203#	154#	#881
မ	296#	383#	271#	351#	234#	304#	230#	#862
4	394#	511#	361#	468#	312#	406#	307#	397#
5	493#	639#	452#	585#	390#	507#	384#	496#
ALL VALUE	ES MAY BI	E MULTIPLIE	D BY APP	ROPRIATE	DURATION	ALL VALUES MAY BE MULTIPLIED BY APPROPRIATE DURATION OF LOAD FACTOR	CTOR.	



1/B

JACK

THIS DRAWING REPLACES DRAWING 784040

			STRUCTURAL PANCES AND BUTTON CHORD SHALL HAVE A PROPERTY ATTACHED RIGOD CENTING	PLATE INSTITUTE, 583 D'ONDEREI DA, SUITE 200, NADESDA, VE 33719) AND VICK (MOID) TRUSS EDIACE. OF AMERICA, 6500 ENTERPRISE LM, MOIEN, VE 33719) FOR SAFETY PRACTICES PRIDE TO PERFORMING	VARADAG TRUSSES REBUIRE EXTREME CARE IN FARRICATING, HANDLING, SUPPONE, INSTALLING AND BRACING, REPER TO BESS 1-03 CHILDING COMPONENT SAFETY INITIONATION. PIN INSIGN IN TRUSS	
STATE OF FLORIDA	No: 34889			DELICAY REACH, FL. S3444-2161	CONS. ENGINEERS P.A.	S, HHI SOUTOU
SPACING	DUR. FAC.	TOT. LD.	BC LL	BC DL	TC DL	TC LL
	AC. 1.00	PSF	PSF	PSF	PSF	PSF
			-ENG JL	DRWG	DATE	REF
			Л	DRWG CNTONAIL103	DATE 09/12/07	PSF REF TOE-NAIL

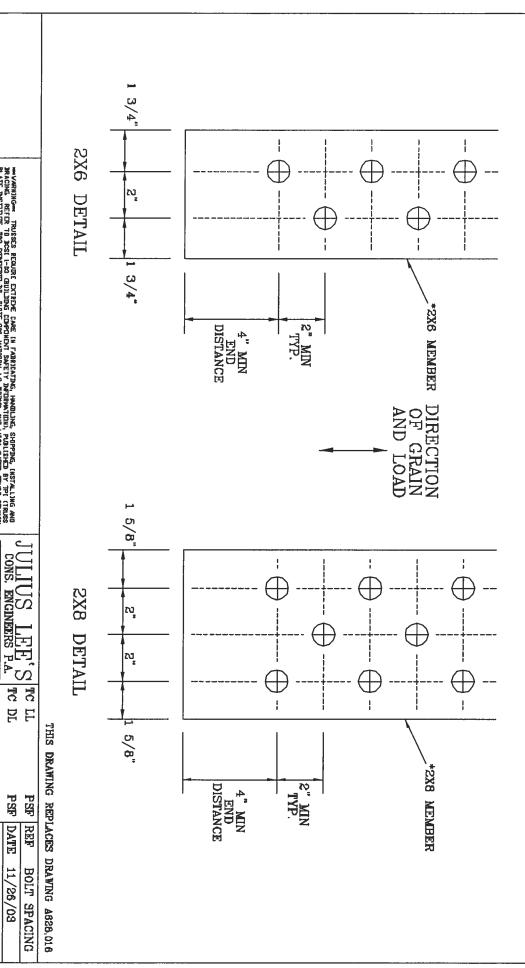
DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN

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

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

WASHERS REQUIRED UNDER BOLT HEAD AND NUT



INVERSIS REQUIRE CYTEDE CARE IN FABRIATING, HAMILING, SHIPPIN BRACING, REFEIT DESCI 1-DO GUILLING CEPHINCH SHE'IT DETRINCHINH, PURLIE PAITE INSTITUTE, 500 CONTRICTO DE, SUITE DEM, MUSISIN, V.J. 19759 AND LYCA V.D. FAREIZA, GSOD ENTERPRISE LW, HAMISON, VII 38759 FER SAFETY PROCITEES PRID THESE EINCTIONIS. UNLESS OTIENTAVES ENGIGATED, THE SHORT SHALL HAVE PROPERS TRUCTURAL PARLS AND SOTION CHIED SHALL HAVE A PROPERS.

DELRAY BEACH, FL 33444-2161

BC DL

PSH PSF

DR**W**G DATE

CNBOLTSP1103 11/26/03

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PSH PSF

BC LL TOT.

TC DL

No: 34869 STATE OF FLORIDA

SPACING DUR. FAC

TRULOX CONNECTION DETAIL

11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (4).

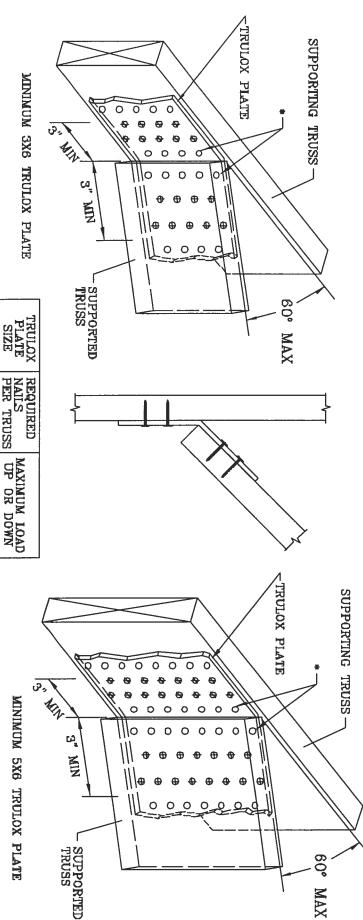
NAILS MAY BE OMITTED FROM THESE ROWS.

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

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

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

MAX



WILKENDAGE. TRUSSES REQUIRE EXTREME CARE IN FARENCATING, HANDLING, SHOPDING, DISTALLING AND BRACING. REFER FO DEST 1-00 (BULIDING EDPOINDTS SAFETY DAFDRAMTON), PUBLISHED BY TPJ (TRUSS FLATE INSTITUTE, SEA D'ENDREDD BR, SUITE ERD, MARIEN, VI. 357390 AND VITA CACIO TRUSS COUNCIL OF AMERICA, SEA ONTOPRISE LA, MAXISH, VI. 357390 FOR SAFETY PACTIFICES PROUPED TO PERFERONDE THESE FUNCTIONS. UNLESS OFFENTAGED BULISHED, THE CHORD SHALL HAVE PROUPEDLY ATTAINED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROUPEDLY ATTAINED.

5X6 3X6

15 Θ

#066 350#

CONS. ENGINEERS P.A. DELEVAL REVENUE ATT 257474—2360

S, HET

THIS DRAWING REPLACES DRAWINGS 1.158,989 1.158,989/R 1.154,944 1.152,217 1.152,017 1.159,154 & 1.151,524

REF DATE

11/26/03 TRULOX

CNTRULOX1103

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MINIMUM 5X6 TRULOX PLATE

No: 34869 STATE OF FLORIDA