

Project Information for: L252570

Builder: Lipscomb Eagle

Lot: Unknown
Subdivision: Preserve
County: Columbia

Truss Count: 43

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): N/A Wind Speed (mph): 110

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

Contractor of Record, responsible for structural engineering:

James M. Lipscomb Florida License No. CBC1253543 Address: 255 Southeast Woods Terrace Lake City, Florida 32025

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 elements 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.

Truss ID

T14

T15

T16

T17

T18

T19

T20

T21

T22

T23

T24

T25

T26

T27

T27G

Date

10/10/07

10/10/07

10/10/07

10/10/07

10/10/07

10/10/07

10/10/07

10/10/07

10/10/07

10/10/07

10/10/07

10/10/07

10/10/07

10/10/07

10/10/07

No.	Drwg. #	Truss ID	Date	No.	Drwg.#
1	J1899147	CJ1	10/10/07	29	J1899175
2	J1899148	CJ3	10/10/07	30	J1899176
3	J1899149	CJ5	10/10/07	31	J1899177
4	J1899150	EJ2	10/10/07	32	J1899178
5	J1899151	EJ3	10/10/07	33	J1899179
6	J1899152	EJ4	10/10/07	34	J1899180
7	J1899153	EJ4A	10/10/07	35	J1899181
8	J1899154	EJ4B	10/10/07	36	J1899182
9	J1899155	EJ7	10/10/07	37	J1899183
10	J1899156	EJ7A	10/10/07	38	J1899184
11	J1899157	EJ7B	10/10/07	39	J1899185
12	J1899158	HJ2	10/10/07	40	J1899186
13	J1899159	HJ8	10/10/07	41	J1899187
14	J1899160	HJ8A	10/10/07	42	J1899188
15	J1899161	HJ9	10/10/07	43	J1899189
16	J1899162	T01	10/10/07		
17	J1899163	T02	10/10/07		
18	J1899164	T03	10/10/07		
19	J1899165	T04	10/10/07		
20	J1899166	T05	10/10/07		
21	J1899167	T06	10/10/07		
22	J1899168	T07	10/10/07		
23	J1899169	T08	10/10/07		
24	J1899170	T09	10/10/07		
25	J1899171	T10	10/10/07		
26	J1899172	T11	10/10/07		
27	J1899173	T12	10/10/07		
28	J1899174	T13	10/10/07		





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L252570

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Lot:

Unknown

Subdivision:

Preserve

County:

Columbia

Truss Count:

Design Program: MiTek 20/20 6.3 Building Code: Truss Design Load Information:

FBC2004/TPI2002

Roof (psf): 42.0

Gravity:

Wind:

Wind Standard: ASCE 7-02

Wind Exposure: B

October 10,2007

Floor (psf): N/A

Wind Speed (mph): 110

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

Contractor of Record, responsible for structural engineering:

James M. Lipscomb Florida License No. CBC1253543

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Notes:

27

28

J1899173

J1899174

T12

T13

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.

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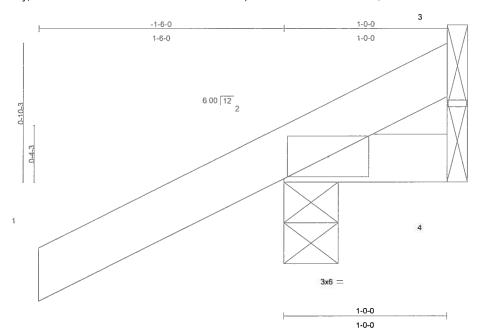
No.	Drwg. #	Truss ID	Date	No.	Drwg. #	Truss ID	Date
1	J1899147	CJ1	10/10/07	29	J1899175	T14	10/10/07
2	J1899148	CJ3	10/10/07	30	J1899176	T15	10/10/07
3	J1899149	CJ5	10/10/07	31	J1899177	T16	10/10/07
4	J1899150	EJ2	10/10/07	32	J1899178	T17	10/10/07
5	J1899151	EJ3	10/10/07	33	J1899179	T18	10/10/07
6	J1899152	EJ4	10/10/07	34	J1899180	T19	10/10/07
7	J1899153	EJ4A	10/10/07	35	J1899181	T20	10/10/07
8	J1899154	EJ4B	10/10/07	36	J1899182	T21	10/10/07
9	J1899155	EJ7	10/10/07	37	J1899183	T22	10/10/07
10	J1899156	EJ7A	10/10/07	38	J1899184	T23	10/10/07
11	J1899157	EJ7B	10/10/07	39	J1899185	T24	10/10/07
12	J1899158	HJ2	10/10/07	40	J1899186	T25	10/10/07
13	J1899159	HJ8	10/10/07	41	J1899187	T26	10/10/07
14	J1899160	HJ8A	10/10/07	42	J1899188	T27	10/10/07
15	J1899161	HJ9	10/10/07	43	J1899189	T27G	10/10/07
16	J1899162	T01	10/10/07				
17	J1899163	T02	10/10/07				
18	J1899164	T03	10/10/07				
19	J1899165	T04	10/10/07				
20	J1899166	T05	10/10/07				
21	J1899167	T06	10/10/07				
22	J1899168	T07	10/10/07				
23	J1899169	T08	10/10/07				
24	J1899170	T09	10/10/07				
25	J1899171	T10	10/10/07				
26	J1899172	T11	10/10/07]			

10/10/07

10/10/07

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899147
L252570	CJ1	JACK	8	1	
382					Job Reference (optional)

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LOADING (psf) **SPACING DEFL** L/d **PLATES GRIP** 2-0-0 CSI I/defl in (loc) **TCLL** 20.0 Plates Increase 1.25 TC 0.15 Vert(LL) -0.002 >999 360 MT20 244/190 TCDL 7.0 Lumber Increase 1.25 BC 0.01 Vert(TL) -0.00 2 >999 240 0.00 **BCLL** 10.0 **WB** 0.00 Rep Stress Incr YES Horz(TL) 3 n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 6 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=70(load case 6)

Max Uplift 2=-193(load case 6), 4=-9(load case 4), 3=-41(load case 1) Max Grav 2=180(load case 1), 4=14(load case 2), 3=62(load case 6)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-45/35

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

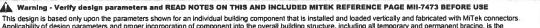
2 = 0.10

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 193 lb upliff joint 2, 9 lb uplift at joint 4 and 41 lb uplift at joint 3.

LOAD CASE(S) Standard

October 10,2007

Scale = 1.6.8

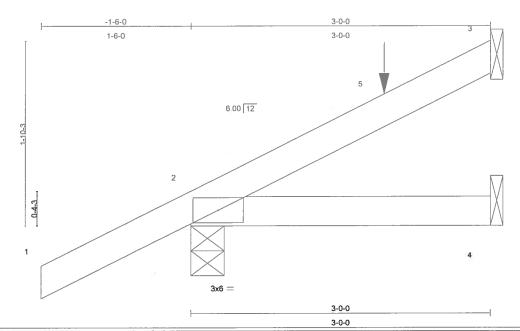


This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary 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





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LOADING TCLL TCDL BCLL	G (psf) 20.0 7.0 10.0	SPACING Plates Increase Lumber Increase * Rep Stress Incr	2-0-0 1.25 1.25 NO	CSI TC BC WB	0.20 0.09 0.00	DEFL Vert(LL) Vert(TL) Horz(TL)	in 0.01 -0.01 -0.00	(loc) 2-4 2-4 3	l/defl >999 >999 n/a	L/d 360 240 n/a	PLATES MT20	GRIP 244/190
BCDL	5.0	Code FBC2004/T		(Mat							Weight: 12 lb	

LUMBER

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

BRACING

TOP CHORD BOT CHORD

oc purlins.

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

Structural wood sheathing directly applied or 3-0-0

REACTIONS (lb/size) 3=84/Mechanical, 2=224/0-4-0, 4=14/Mechanical

Max Horz 2=115(load case 6)

Max Uplift 3=-69(load case 6), 2=-204(load case 6), 4=-26(load case 4) Max Grav 3=84(load case 1), 2=224(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-5=-58/0, 3-5=-69/33

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.12

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; 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
- 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 69 lb uplift at joint 3, 204 lb uplift at joint 2 and 26 lb uplift at joint 4.

October 10,2007

Scale = 1.11.1

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	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899148
L252570	CJ3	JACK	8	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).

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

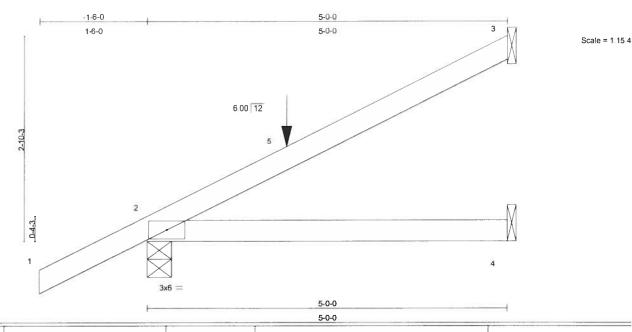
Vert: 5=-55(F)

1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf) Vert: 1-3=-54, 2-4=-10 Concentrated Loads (lb)



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899149
L252570	CJ5	JACK	8	1	
					Job Reference (optional)

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TCLL 20.0 Pla TCDL 7.0 Lur BCLL 10.0 * Re	ACING 2-0-0 ates Increase 1.20 mber Increase 1.20 sp Stress Incr NC ide FBC2004/TPI2002	CSI TC 0.43 BC 0.26 WB 0.00 (Matrix)	Vert(LL) Vert(TL) Horz(TL)	in 0.09 -0.05 -0.00	(loc) 2-4 2-4 3	I/defl >672 >999 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 18 lb	GRIP 244/190
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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=134/Mechanical, 2=292/0-4-0, 4=24/Mechanical

Max Horz 2=162(load case 6)

Max Uplift 3=-119(load case 6), 2=-249(load case 6), 4=-46(load case 4) Max Grav 3=134(load case 1), 2=292(load case 1), 4=72(load case 2)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-5=-83/0, 3-5=-105/50

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; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 119 lb upliftat joint 3, 249 lb uplift at joint 2 and 46 lb uplift at joint 4.

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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	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899149
L252570	CJ5	JACK	8	1	
					Job Reference (optional)

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5) 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

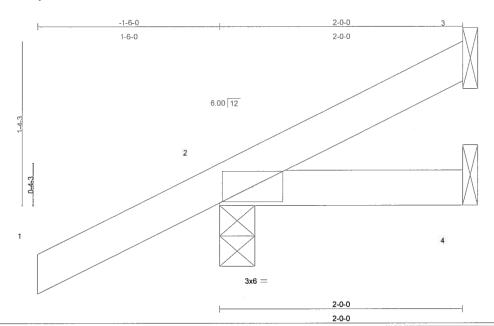
1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf) Vert: 1-3=-54, 2-4=-10

Concentrated Loads (lb) Vert: 5=-55(F)



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899150
L252570	EJ2	MONO TRUSS	4	1	
					Job Reference (optional)

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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	0.15	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	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

2-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=177/0-3-8, 4=10/Mechanical, 3=21/Mechanical

Max Horz 2=94(load case 6)

Max Uplift 2=-171(load case 6), 4=-19(load case 4), 3=-19(load case 7)

Max Grav 2=177(load case 1), 4=29(load case 2), 3=21(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-40/5

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.09

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 171 lb uplift at joint 2, 19 lb uplift at joint 4 and 19 lb uplift at joint 3. Continued on page 2

Junto Essa Truss Costan Engineer Planda Mis Hub, 3-1885 1466 Crastal May Alva Goynton Wesch, FL 55-435

October 10,2007

Scale = 1.9.1

▲ 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	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899150
L252570	EJ2	MONO TRUSS	4	1	
					Job Reference (optional)

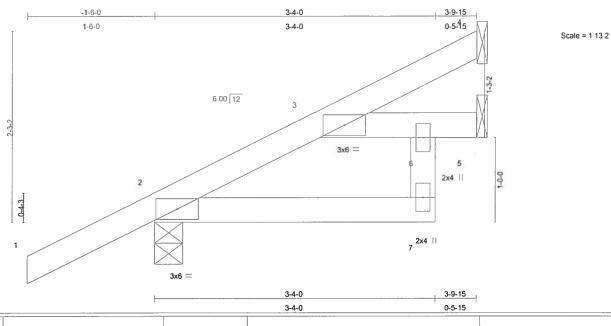
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LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899151
L252570	EJ3	SPECIAL	2	1	
					Job Reference (optional)

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LOADING	(psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	-0.00	3	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.00	3	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	5	n/a	n/a		
BCDL 5.0 Code FBC2004/TPI2002		(Mat	rix)						Weight: 18 lb			

LUMBER

TOP CHORD 2 X 4 SYP No.2

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

6-7 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or

3-9-15 oc purlins.

BOT CHORD

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

REACTIONS (lb/size) 4=45/Mechanical, 2=230/0-4-0, 5=57/Mechanical

Max Horz 2=134(load case 6)

Max Uplift 4=-40(load case 6), 2=-151(load case 6), 5=-10(load case 7)

Max Grav 4=45(load case 1), 2=230(load case 1), 5=83(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-109/0, 3-4=-36/16

BOT CHORD 2-7=-44/65, 6-7=0/49, 3-6=-65/44, 5-6=0/0

JOINT STRESS INDEX

2 = 0.17, 3 = 0.24, 6 = 0.53 and 7 = 0.32

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 40 lb uplift at joint 4, 151 lb uplift at joint 2 and 10 lb uplift at joint 5. Continued on page 2

Truss Costan Engineer Plonas Pa No. 34866 1486 Chastal Bay Rivid Coynton Geson. HE 20426

October 10,2007

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	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899151
L252570	EJ3	SPECIAL	2	1	
					Job Reference (optional)

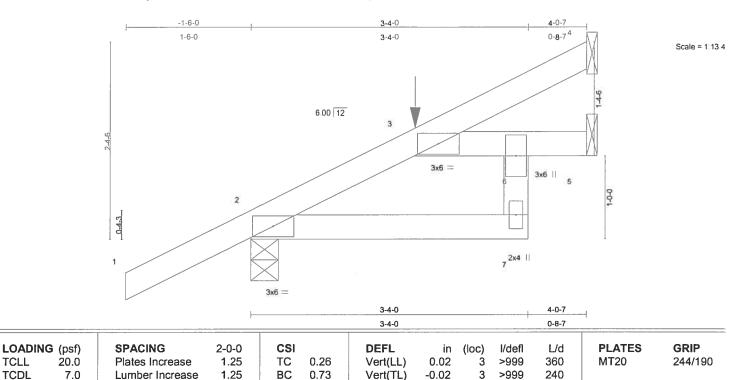
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LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
100				11	J1899152
L252570	EJ4	SPECIAL	2	1	
					Job Reference (optional)

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LUMBER

TCLL

TCDL

BCLL

BCDL

TOP CHORD 2 X 4 SYP No.2

10.0

5.0

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

6-7 2 X 4 SYP No.3

BRACING

Horz(TL)

TOP CHORD

Structural wood sheathing directly applied or 4-0-7

Weight: 19 lb

oc purlins.

5

n/a

BOT CHORD

0.01

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

n/a

REACTIONS (lb/size) 4=64/Mechanical, 2=408/0-4-0, 5=176/Mechanical

Max Horz 2=139(load case 6)

Rep Stress Incr

Code FBC2004/TPI2002

Max Uplift 4=-51(load case 6), 2=-236(load case 6), 5=-70(load case 6)

NO

WB

(Matrix)

0.00

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-385/200, 3-4=-44/24

BOT CHORD 2-7=-216/255, 6-7=-12/72, 3-6=-255/216, 5-6=0/0

JOINT STRESS INDEX

2 = 0.36, 3 = 0.59, 6 = 0.73 and 7 = 0.82

- 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
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 51 lb uplift at joint 4, 236 lb uplift at joint 2 and 70 lb uplift at joint 5. 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B)

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Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
1					J1899152
L252570	EJ4	SPECIAL	2	1	
					Job Reference (optional)

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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: 1-2=-54, 2-3=-82(F=-28), 3-4=-54, 2-7=-10, 3-6=-10, 5-6=-10

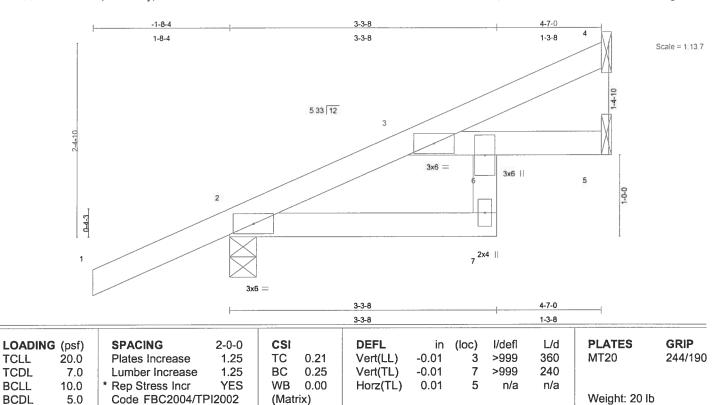
Concentrated Loads (lb) Vert: 3=-252(F)

> Julius Les Truss Costan Engineer Platas Pa Na. 3-1800 1-180 Costal Pay Sivi



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899153
L252570	EJ4A	SPECIAL	2	1	
					Job Reference (optional)

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LUMBER

TOP CHORD 2 X 4 SYP No.2

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

6-7 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or

4-7-0 oc purlins.

BOT CHORD

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

REACTIONS (lb/size) 4=64/Mechanical, 2=265/0-4-0, 5=60/Mechanical

Max Horz 2=140(load case 6)

Max Uplift 4=-49(load case 6), 2=-174(load case 6), 5=-13(load case 6) Max Grav 4=64(load case 1), 2=265(load case 1), 5=80(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/36, 2-3=-143/0, 3-4=-41/21

BOT CHORD 2-7=-68/92, 6-7=0/51, 3-6=-92/68, 5-6=0/0

JOINT STRESS INDEX

2 = 0.21, 3 = 0.26, 6 = 0.26 and 7 = 0.38

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
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 49 lb uplift at joint 4, 174 lb uplift at joint 2 and 13 lb uplift at joint 5. Continued on page 2

October 10,2007

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899153
L252570	EJ4A	SPECIAL	2	1	
					Job Reference (optional)

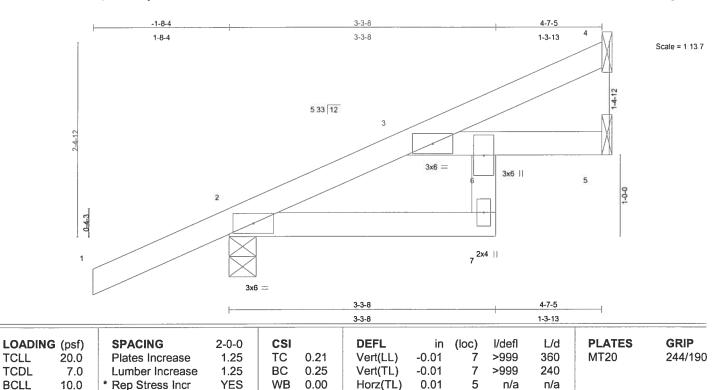
6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:32 2007 Page 2

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
8					J1899154
L252570	EJ4B	SPECIAL	2	1	
					Job Reference (optional)

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LUMBER

TCLL

TCDL

BCLL

BCDL

TOP CHORD 2 X 4 SYP No.2

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

6-7 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or

Weight: 20 lb

4-7-5 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 4=64/Mechanical, 2=266/0-4-0, 5=60/Mechanical

Code FBC2004/TPI2002

Max Horz 2=141(load case 6)

Max Uplift 4=-50(load case 6), 2=-174(load case 6), 5=-13(load case 6)

(Matrix)

Max Grav 4=64(load case 1), 2=266(load case 1), 5=80(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/36, 2-3=-144/0, 3-4=-42/21

BOT CHORD 2-7=-69/93, 6-7=0/51, 3-6=-93/69, 5-6=0/0

JOINT STRESS INDEX

2 = 0.21, 3 = 0.26, 6 = 0.27 and 7 = 0.38

- 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
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 50 lb uplift at joint 4, 174 lb uplift at joint 2 and 13 lb uplift at joint 5. Continued on page 2

October 10,2007

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
*					J1899154
L252570	EJ4B	SPECIAL	2	1	
			İ		Job Reference (optional)

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LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
			-	-	J1899155
L252570	EJ7	MONO TRUSS	13	1	
					Job Reference (optional)

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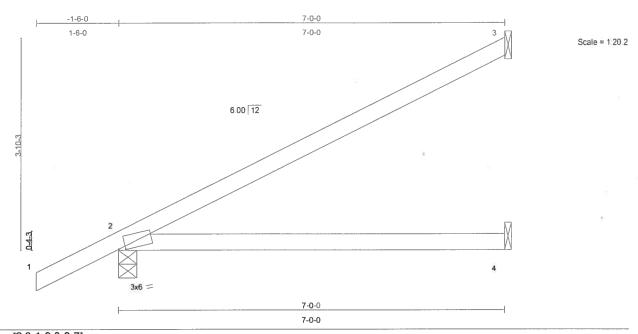


Plate Of	fsets (X,Y): [2:0-1-9,0-0-7]	17									
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	0.35	2-4	>232	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.17	2-4	>488	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL			(Mat	rix)						Weight: 25 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 6-0-0

oc purlins.

BOT CHORD

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

REACTIONS (lb/size) 3=157/Mechanical, 2=318/0-4-0, 4=48/Mechanical

Max Horz 2=149(load case 6)

Max Uplift 3=-98(load case 6), 2=-196(load case 6), 4=-66(load case 6) Max Grav 3=157(load case 1), 2=318(load case 1), 4=94(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-133/56

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.67

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 98 lb uplift at joint 3, 196 lb uplift at joint 2 and 66 lb uplift at joint 4.

LOAD CASE(S) Standard





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. Applications and proper incorporation of component on domesting management beneated selevery, erection responsibility of building and the recommendation per AVISI. TPI 1 as referenced by the building code. For general guidance regarding shorage, elevery, erection and bracing installing and Bresting and selevery, erection and bracing installing and Bresting Recommendation available from the Wood Truss Council of America. 1 WTCA Center, 6500 Elevery, erection and bracing installing and Bresting installing in the Bresting installing and Bresting installing and Bresting installing in the Bresting installing in the Bresting in the Brest

Maming - Verity design parameters and REED NOTES ON THIS AND INCLUDED MITER REFERENCE PAGE MII-7473 BEFORE USE

October 10,2007

SCHOOL HOBBON HE SONDS 1400 Ensemble DA HEBON 1400 Ensemble DA HEBON 1400 Ensemble DA HEBON 1400 ENSEMBLE 1400 ENS

Job Reference (optional) **MONO TRUSS** AYLE L252570 9916681L Qty LIPSCOMB EAGLE - ALEXANDRA MODEL ЫУ Truss Type Truss dol

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Builders FirstSource, Lake City, FI 32055

Simpson HTU26 6.00 12 2096 = 1 50 6 8-4-8 8-7-E 0-0-7 8-7-E

of the T27 trusses. A bracing system may be required to prevent this out of plane buckling and must be designed WARNING: This truss has not been designed to resist being "pushed or pulled" out of plane by the horizontal movement || \$xZ

by the Engineer/Architect of Record.

Weight: 70 lb (Matrix) COQ6 FBC2004/TP12002 0.6 BCDF * Rep Stress Incr BCLL P/U P/U 00.0 (JT)ZIOH 51.0 MB ON 0.01 Lumber Increase 9-1 32.1 0.7 TCDL 240 666< 10.0-Ver(TL) 61.0 BC Ver(LL) Plates Increase 0.02 LCEL 244/190 G 32.1 0STM 360 666< 10.0-25.0 OT. LOADING (psf) (loc) P/T l/defl uı DEEL CZI 0-0-2 SPACING GRIP **SETAL9** 8-7-6 8-4-8

6-0-0 oc purlins. Structural wood sheathing directly applied or

Rigid ceiling directly applied or 10-0-0 oc

bracing.

BOT CHORD

тор сновр

BRACING

Max Uplift 1=-221(load case 5), 4=-308(load case 4) (lb/size) 1=907/0-4-0, 4=923/Mechanical

Max Horz 1=111(load case 4) REACTIONS

2 X 4 SYP No.3

BOT CHORD 2X6SYP No.1D

TOP CHORD 2X4SYP No.2

FORCES (Ib) - Maximum Compression/Maximum Tension

2-5-205/783, 2-4=-1254/459 **MEB2** 8801/868-=9-4 '8801/868-=9-1 **BOT CHORD** 1-2=-1210/308, 2-3=-82/0 TOP CHORD

JOINT STRESS INDEX

82.0 = 2 bns 71.0 = 4, 82.0 = 2, 64.0 = 1

MEBS

LUMBER

Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc. 1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:

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.

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

noted as (F) or (B), unless otherwise indicated.

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

Confinued on page 2

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Job Reference (optional)	7				
	6	1	AONO TRUSS	ATLE	L252570
9916681					* ×
LIPSCOMB EAGLE - ALEXANDRA MODEL	УlЧ	Qty	Truss Type	zeun <u>T</u>	dol

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:33 2007 Page 2 Builders FirstSource, Lake City, FI 32055

NOTES

- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 221 lb uplift at joint 1 and 308 lb
- $\,$ 7) Girder carries tie-in span(s): 15-7-8 from 0-0-0 to 7-0-0 .4 Iniol is Hilqu

LOAD CASE(S) Standard

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

Vert: 1-3=-54, 1-4=-223(F=-213)



Job Reference (optional) SPECIAL **EJ7B** L252570 7216681L Truss Type Lruss **FILSCOMB EAGLE - ALEXANDRA MODEL** Ρlλ Oth dol

October 10,2007

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LOAD CASE(S) Standard

.2 Inioi at Joint 4, 108 Ib uplift at Joint 2 and 7 bas 2 Inioi at Joint 5.

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 73 lb

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

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

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

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp

NOTES

18.0 = 7 bns 27.0 = 8,88.0 = 8,91.0 = 2

JOINT STRESS INDEX

2-7=-81/240, 6-7=0/62, 3-6=-240/81, 5-6=0/0 ВОТ СНОЯ 1-2=0/36, 2-3=-329/0, 3-4=-53/50 **TOP CHORD**

FORCES (Ib) - Maximum Compression/Maximum Tension

Max Grav 4=140(load case 1), 2=336(load case 1), 5=111(load case 2)

Max Upliff 4=-73(load case 5), 2=-108(load case 5), 5=-7(load case 5)

Max Horz 2=154(load case 5)

REACTIONS (lb/size) 4=140/Mechanical, 2=336/0-4-0, 5=81/Mechanical

bracing.

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

Structural wood sheathing directly applied or

TOP CHORD

вот снокр

6.0N 9YS 4 X 2 7-8

BOT CHORD 2 X 4 SYP No.2 *Except* TOP CHORD 2X4SYP No.2

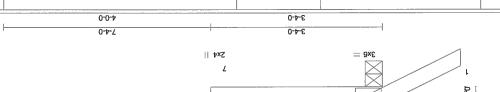
BRACING LUMBER

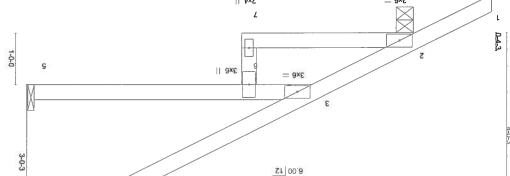
MTZ0 244/190		8/u 8/u 9-9 0+2 9-5 098 846 9-9		90.0- 02.0- 90.0	Ver(LL) Ver(TL) Ver(TL) (JT)S10H	98.0 47.0 00.0 (xi	TC WB (Matri	22.1 22.1 0N 12002	Plates Increase * Rep Stress Increase Code FBC2004/TP	20.0 7.0 10.0 5.0	BCDL BCLL TCDL TCLL	
GRIP	SBTAJ9	P/7	llab\l	(001)	ui 00.0	DEFL	86.0	csı	2-0-0	ЭИСТИВ		LOADIN

	Weight: 29 lb						(x	inteM)	12002	Code FBC2004/TP	0.8	BCDF
		e/u	e/u	9	90.0	(JT)S10H	00.0	MB	ON	* Rep Stress Incr	0.01	BCFF
		240	>452	9-9	0Z.0-	Ver(TL)	47.0	BC	1.25	Lumber Increase	0.7	TCDL
244/190	MT20	360	>643	9-9	60.0-	Ver(LL)	85.0	ΟŢ	1.25	Plates Increase	20.0	TCLL
ЯЯЭ	SETALA	P/7	\def	(100)	ui	DEFL		CSI	D-0-Z	SPACING	(ìsq) i	ГОРДІИС
-				0-0-4			<u> </u>	0-t-E				

0-1-E 0-4-7







Scale = 1215 0-9-1 3-4-0 0-0-4 0-4-7

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:34 2007 Page 1 Builders FirstSource, Lake City, FI 32055



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. Applications are the incorporation of component in this the overlat building attending all temporates incorporation for AMSI 7.1Pt 1 as referenced by the building code. For general guidance regarding slorage, delivery, erection and bracing designer and to contraction per AMSI 7.1Pt 1 as referenced by the building code. For general guidance regarding slorage, delivery, erection and bracing designer and to contraction per AMSI 7.1Pt 1 as referenced by the building code. For general guidance regarding slorage, delivery, erection and bracing designer and to contraction per AMSI 7.1Pt 1 as referenced by the building code. For general guidance regarding slorage, a function of the properties of the properti

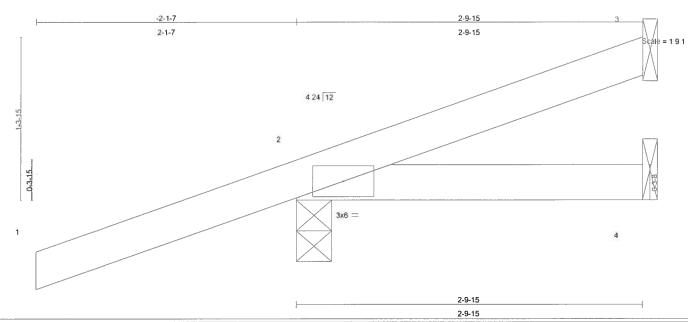
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Author Depoted a surface Transport and a surface Proposed and and Articles and Arti

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J189915
L252570	HJ2	JACK	2	1	
					Job Reference (optional)

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TCLL 20.0 Plates Incr TCDL 7.0 Lumber Inc BCLL 10.0 * Rep Stress BCDL 5.0 Code FBC	crease 1.25	TC BC WB (Mat	0.30 0.04 0.00 rix)	Vert(LL) Vert(TL) Horz(TL)	in -0.00 -0.00 -0.00	(loc) 2-4 2-4 3	l/defl >999 >999 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 12 lb	GRIP 244/190
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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

2-9-15 oc purlins.

BOT CHORD

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

REACTIONS (lb/size) 3=-19/Mechanical, 2=197/0-3-8, 4=6/Mechanical

Max Horz 2=60(load case 3)

Max Uplift 3=-19(load case 1), 2=-223(load case 3), 4=-29(load case 3) Max Grav 3=46(load case 7), 2=197(load case 1), 4=32(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/37, 2-3=-26/16

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.08

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 19 lb uplift at joint 3, 223 lb uplift at joint 2 and 29 lb uplift at joint 4.

Julius (Pesion Endinger Flucios Pis No. 3-1905 1406 Chastal Pay Alva Goyaton Geson. 4L Sonis

October 10,2007

Continued on page 2

痛 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	LIPSCOMB EAGLE - ALEXANDRA MODEL
4 1					J1899158
L252570	HJ2	JACK	2	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=-2(F=26, B=26)-to-3=-38(F=8, B=8), 2=0(F=5, B=5)-to-4=-7(F=1, B=1)



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
4 9					J1899159
L252570	HJ8	SPECIAL	2	1	
					Job Reference (optional)

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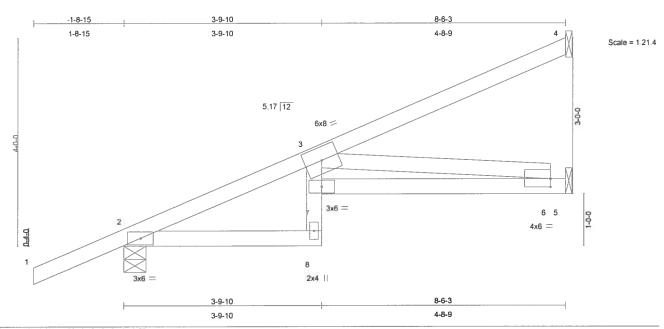


Plate Off	sets (X,Y	′): [6:0-0-0,0-1-15]										
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	0.07	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.93	Vert(TL)	-0.11	6-7	>893	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.41	Horz(TL)	0.05	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	P12002	(Mat	rix)						Weight: 38 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

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

3-8 2 X 4 SYP No.3

2 X 4 SYP No.3

WEBS

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, Except:

7-10-5 oc bracing: 6-7.

REACTIONS (lb/size) 4=193/Mechanical, 2=313/0-5-1, 5=173/Mechanical

Max Horz 2=230(load case 5)

Max Uplift 4=-177(load case 5), 2=-158(load case 5), 5=-67(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/37, 2-3=-365/16, 3-4=-94/55

BOT CHORD

2-8=-176/303, 7-8=0/64, 3-7=0/155, 6-7=-626/989, 5-6=0/0

WEBS

3-6=-998/632

JOINT STRESS INDEX

2 = 0.23, 3 = 0.79, 6 = 0.33, 7 = 0.40 and 8 = 0.82

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 177 ColhiHDet 3hipint 4.2158 lb uplift at joint 2 and 67 lb uplift at joint 5.

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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	LIPSCOMB EAGLE - ALEXANDRA MODEL
20 00					J1899159
L252570	HJ8	SPECIAL	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:35 2007 Page 2

NOTES

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

LOAD CASE(S) Standard

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

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

Trapezoidal Loads (plf)

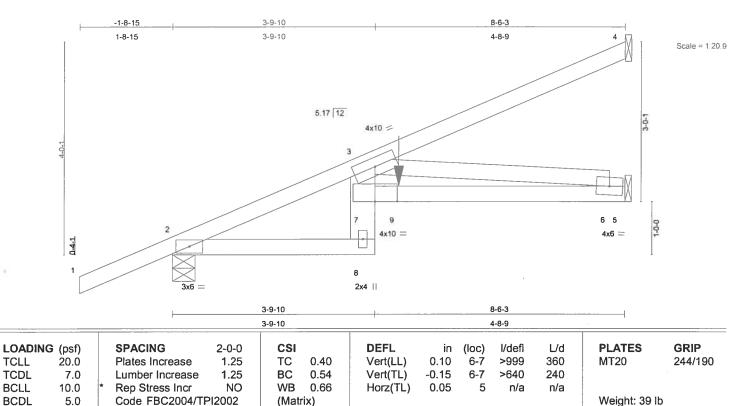
Vert: 2=-3(F=26, B=26)-to-4=-115(F=-30, B=-30), 2=-0(F=5, B=5)-to-8=-9(F=1, B=1), 7=-9(F=1, B=1)-to-5=-21(F=-6, B=-6)

Julius Les Trues Coston Chornest Worlds Pill Prog 3-1808 1400 Chostol Pay Alvet Secures Massa M. Marsa



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
1					J1899160
L252570	HJ8A	SPECIAL	2	1	
					Job Reference (optional)

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LUMBER

TOP CHORD 2 X 4 SYP No.2

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

3-8 2 X 6 SYP No.1D

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,

Except:

6-4-2 oc bracing: 6-7.

REACTIONS (lb/size) 4=202/Mechanical, 2=403/0-5-1, 5=250/Mechanical

Max Horz 2=230(load case 5)

Max Uplift 4=-182(load case 5), 2=-202(load case 5), 5=-106(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/36, 2-3=-551/97, 3-4=-96/58

BOT CHORD 2-8=-249/474, 7-8=0/53, 3-7=-28/261, 7-9=-939/1603, 6-9=-939/1603, 5-6=0/0

WEBS 3-6=-1616/946

JOINT STRESS INDEX

2 = 0.28, 3 = 0.84, 6 = 0.89, 7 = 0.43 and 8 = 0.62

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 182 lb uplifted bearing plate capable of withstanding 182 lb

October 10,2007



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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899160
L252570	HJ8A	SPECIAL	2	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

Concentrated Loads (lb)

Vert: 9=-176(F)

Trapezoidal Loads (plf)

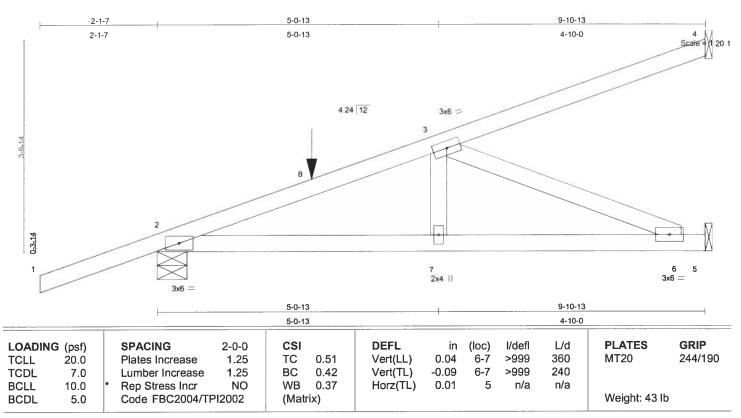
Vert: 2=-3(F=26, B=26)-to-4=-115(F=-30, B=-30), 2=-0(F=5, B=5)-to-8=-9(F=1, B=1), 7=-9(F=1, B=1)-to-5=-21(F=-6, B=-6)

Julius Les Truss Coston Endinser Piòridà Pia 195: 3-1869 1406 Crasial May Mivel Country State



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
9					J1899161
L252570	HJ9	MONO TRUSS	4	1	
					Job Reference (optional)

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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

Structural wood sheathing directly applied or 6-0-0

oc purlins.

BOT CHORD

Rigid ceiling directly applied or 9-4-6 oc bracing.

REACTIONS (lb/size) 4=216/Mechanical, 2=594/0-6-7, 5=346/Mechanical

Max Horz 2=254(load case 3)

Max Uplift 4=-195(load case 3), 2=-322(load case 3), 5=-144(load case 3)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/38, 2-8=-919/283, 3-8=-811/249, 3-4=-90/51

2-7=-442/805, 6-7=-442/805, 5-6=0/0 **BOT CHORD**

WEBS 3-7=0/222, 3-6=-871/478

JOINT STRESS INDEX

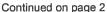
2 = 0.38, 3 = 0.24, 6 = 0.24 and 7 = 0.16

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 195 lb uplift at joint 4, 322 lb uplift at joint 2 and 144 lb uplift at joint 5.

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

October 10,2007



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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899161
L252570	HJ9	MONO TRUSS	4	1	
					Job Reference (optional)

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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: 1-2=-54

Concentrated Loads (lb)

Vert: 8=-252(F)

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)

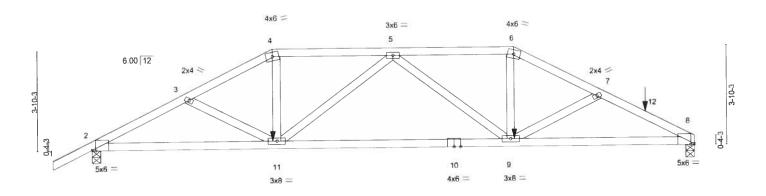
Julius Lew Truse Cosion Engineer Plonids Pile No. 3-1869 F106 Crestel Bay Blyd Boyeron Masser El Shatte



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL J1899162
L252570	T01	HIP	1	1	
					Job Reference (optional)

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LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING Plates Increase Lumber Increase * Rep Stress Incr Code FBC2004/TF	2-0-0 1.25 1.25 NO Pl2002	CSI TC BC WB (Mat	0.44 0.77 0.33 rix)	DEFL Vert(LL) Vert(TL) Horz(TL)	in -0.14 -0.47 0.11	(loc) 9-11 9-11 8	l/defl >999 >590 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 112 lb	GRIP 244/190
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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

Structural wood sheathing directly applied or TOP CHORD

3-2-5 oc purlins.

Rigid ceiling directly applied or 6-4-2 oc **BOT CHORD**

bracing.

REACTIONS (lb/size) 8=1674/0-4-0, 2=1603/0-4-0

Max Horz 2=78(load case 5)

Max Uplift 8=-490(load case 6), 2=-517(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/35, 2-3=-2956/886, 3-4=-2851/892, 4-5=-2575/830, 5-6=-2625/841, TOP CHORD

6-7=-2923/907, 7-12=-3066/927, 8-12=-3207/947

2-11=-796/2554, 10-11=-971/2963, 9-10=-971/2963, 8-9=-800/2745 **BOT CHORD**

3-11=-58/122, 4-11=-223/871, 5-11=-564/285, 5-9=-505/267, 6-9=-239/923, WEBS

7-9=-183/113

JOINT STRESS INDEX

Collyadeadsn page 2

2 = 0.76, 3 = 0.33, 4 = 0.77, 5 = 0.34, 6 = 0.77, 7 = 0.33, 8 = 0.76, 9 = 0.56, 10 = 0.92 and 11 = 0.56

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
Q					J1899162
L252570	T01	HIP	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 490 lb uplift at joint 8 and 517 lb uplift at joint 2.

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).

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)

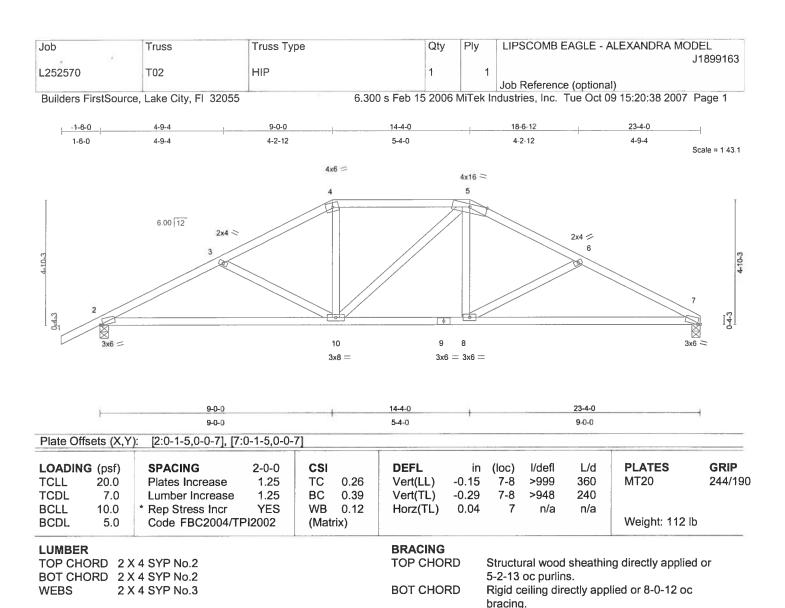
Vert: 1-4=-54, 4-6=-117(F=-63), 6-8=-54, 2-11=-10, 9-11=-22(F=-12), 8-9=-10

Concentrated Loads (lb)

Vert: 11=-411(F) 9=-411(F) 12=-200(F)

Julius Les Trues Coston Chomeer Florida Pir No. 34365 1400 Chastel Say Slyd Boynton Basch, 12, 20435





REACTIONS (lb/size) 7=733/0-4-0, 2=829/0-4-0

Max Horz 2=90(load case 6)

Max Uplift 7=-146(load case 7), 2=-220(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-1304/721, 3-4=-1057/606, 4-5=-906/595, 5-6=-1064/617,

6-7=-1311/750

BOT CHORD 2-10=-563/1108, 9-10=-372/911, 8-9=-372/911, 7-8=-598/1129

WEBS 3-10=-235/228, 4-10=-65/256, 5-10=-117/109, 5-8=-85/260, 6-8=-254/257

JOINT STRESS INDEX

2 = 0.86, 3 = 0.33, 4 = 0.50, 5 = 0.72, 6 = 0.33, 7 = 0.82, 8 = 0.34, 9 = 0.42 and 10 = 0.56

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.

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 Colite page 2

Trues Cesian Chainear Florids PE No. 3-1925 1-100 Chastal Ray Blvd Boynton Beson, 1-1 50-155

October 10,2007

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
			İ		J1899163
L252570	T02	HIP	1	1	
					Job Reference (optional)

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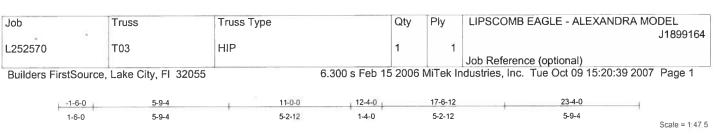
NOTES

- 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 146 lb uplift at joint 7 and 220 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Les Truss Design Engineer richida Pit No. 34665 1466 Chasis Psy Sivi Soviton Seson, HL 55455





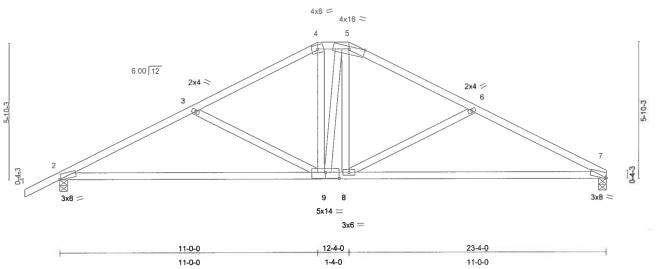


Plate Of	tsets (X, Y	'): [2:0-0-10,Edge], [7:0-0-10,E	.age], [9	:0-7-0,0-	3-0]					-	
LOADIN TCLL TCDL	20.0 7.0	SPACING Plates Increase Lumber Increase	2-0-0 1.25 1.25	CSI TC BC	0.34 0.72	DEFL Vert(LL) Vert(TL)	in -0.27 -0.50	(loc) 2-9 2-9	l/defl >999 >551	L/d 360 240	PLATES MT20	GRIP 244/190
BCLL BCDL	10.0 5.0	* Rep Stress Incr Code FBC2004/TI	YES PI2002	WB (Mat	0.24 rix)	Horz(TL)	0.04	7	n/a	n/a	Weight: 117 lb	

1	ı	Π	Л	R	F	P

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

5-1-11 oc purlins.

Rigid ceiling directly applied or 8-0-12 oc

bracing.

REACTIONS (lb/size) 7=733/0-4-0, 2=829/0-4-0

Max Horz 2=101(load case 6)

Max Uplift 7=-157(load case 7), 2=-231(load case 6)

1 17 0 0 40 5 1

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/35, 2-3=-1278/729, 3-4=-941/561, 4-5=-791/566, 5-6=-949/570,

6-7=-1278/749

BOT CHORD

2-9=-561/1082, 8-9=-286/789, 7-8=-586/1098

WEBS

3-9=-344/317, 4-9=-96/254, 5-9=-154/174, 5-8=-148/236, 6-8=-358/342

JOINT STRESS INDEX

2 = 0.81, 3 = 0.33, 4 = 0.54, 5 = 0.54, 6 = 0.33, 7 = 0.75, 8 = 0.34 and 9 = 0.43

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 Colina deads page 2

October 10,2007

▲ 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-I 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	LIPSCOMB EAGLE - ALEXANDRA MODEL J1899164
L252570	Т03	HIP	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 157 lb uplift at joint 7 and 231 lb

LOAD CASE(S) Standard



Job	Truss	Truss Typ	е	Qty	Ply	LIPSC	OMB E	EAGLE - A	LEXANDRA M	10DEL J1899165
.252570	T04	SPECIAL		1	1	Joh Poi	forono	e (optional	١	01000100
Builders FirstSource	ce, Lake City, FI 32055	5	6.30	00 s Feb 15 200	06 MiTek Ir					7 Page 1
-1-6-0	1-11-4 3-4-0		7-4-0		11-	1-0		12-8-12	14-8-0	
1-6-0	1-11-4 1-4-12		4-0-0		4-0	-0		1-4-12	1-11-4	Scale = 1 28 0
2 2 3 3 3	5x8 = 4	3x8 = 3x12 MT201	1=	11 8x14 =		3x12 l	MT20H =		5x8 = 7	3x6 = [54]
2	3-4-0		7-4-0		11-4	1-0			14-8-0	
	3-4-0		4-0-0		4-0	-0		<u>'</u>	3-4-0	
COADING (psf) FCLL 20.0 FCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING Plates Increase Lumber Increase * Rep Stress Incr Code FBC2004/1	2-0-0 1.25 1.25 NO PI2002	CSI TC 0.39 BC 0.94 WB 0.71 (Matrix)	DEFL Vert(LL) Vert(TL) Horz(TL)	in -0.15 10 -0.29 10 0.22)-11 >	/defl •999 •589 n/a	L/d 360 240 n/a	PLATES MT20 MT20H Weight: 81	GRIP 244/190 187/143
UMBER OP CHORD 2	X 4 SYP No.2			BRACING TOP CHO		tructural	i wood	d sheathin	g directly app	lied or

BOT CHORD 2 X 4 SYP No.1D *Except*

4-13 2 X 4 SYP No.2, 6-9 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3 *Except*

5-11 2 X 10 SYP No.2

3-3-6 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 7-9-6 oc

bracing.

REACTIONS (lb/size) 8=840/0-4-0, 2=940/0-4-0

Max Horz 2=80(load case 5)

Max Uplift 8=-206(load case 6), 2=-282(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-1541/343, 3-4=-3009/712, 4-5=-1940/469, 5-6=-1940/476,

6-7=-3059/725, 7-8=-1599/395

BOT CHORD 2-13=-293/1281, 12-13=-119/599, 4-12=-113/639, 11-12=-726/2988,

10-11=-700/3043, 9-10=-140/641, 6-10=-132/680, 8-9=-318/1345

3-13=-998/234, 3-12=-538/2201, 4-11=-1279/359, 5-11=-316/1377, 6-11=-1335/382 **WEBS**

, 7-10=-490/2216, 7-9=-1046/248

JOINT STRESS INDEX

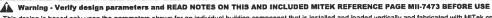
2 = 0.67, 3 = 0.65, 4 = 0.80, 5 = 0.47, 6 = 0.80, 7 = 0.65, 8 = 0.67, 9 = 0.72, 10 = 0.93, 11 = 0.22, 12 = 0.93 and 13 = 0.72

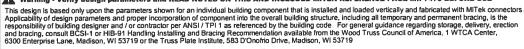
NOTES

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.

Continued on page 2







Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
2					J1899165
L252570	T04	SPECIAL	1	1	
					Job Reference (optional)

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NOTES

- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All plates are MT20 plates unless otherwise indicated.
- 5) 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 206 lb uplift at joint 8 and 282 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).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-5=-54, 5-8=-54, 2-13=-10, 10-12=-10, 8-9=-10

Concentrated Loads (lb) Vert: 11=-773(F)

> Julius Les Truss Cosign Engineer Plantas Ph. No. 3-1895 1-186 Chastel May Myd Boynton Besch. 1-L 50-108



Job	Truss	Truss Type	•	Qty	Ply	LIPSCOMB	EAGLE - A	ALEXANDRA M	J1899166
_252570	T05	SPECIAL		3	1	Job Reference	e (optiona	1)	
Builders FirstSource	e, Lake City, Fl 32055		6.300	s Feb 15 200	6 MiTek In			9 15:20:41 200	7 Page 1
-1-6-0	1-11-4 3-4-0	-	7-4-0		11-4	72.10		12-8-12 14-8-0	
1-6-0	1-11-4 1-4-12		4-0-0	4x6 =	4-0-	0	1-4-0	0-0-12 1-11-4	Scale = 1 28 0
2 1 3x6	3 =	3x8 = 4x10 = 13 x6 =		11 5x8 =		4x10 =		3x6 7	8 64.3 64.3
⊢	3-4-0 3-4-0	_	7-4-0 4-0-0		11-4- 4-0-			14-8-0 3-4-0	
LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING Plates Increase Lumber Increase * Rep Stress Incr Code FBC2004/T	2-0-0 1.25 1.25 NO PI2002	CSI TC 0.29 BC 1.00 WB 0.43 (Matrix)	DEFL Vert(LL) Vert(TL) Horz(TL)	in (0.13 10 -0.19 10 0.13	loc) l/defi l-11 >999	L/d 360 240 n/a	PLATES MT20 Weight: 75	GRIP 244/190
LUMBER	4 SYP No 2			BRACING TOP CHO		tructural wood	d abaathir		liad or

TOP CHORD 2 X 4 SYP No.2

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

4-13 2 X 4 SYP No.3, 6-9 2 X 4 SYP No.3

WEBS 2 X 4 SYP No.3

TOP CHORD

Structural wood sheathing directly applied or

4-5-11 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 6-1-7 oc

bracing.

REACTIONS (lb/size) 8=631/0-4-0, 2=577/0-4-0

Max Horz 2=80(load case 6)

Max Uplift 8=-148(load case 7), 2=-182(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/35, 2-3=-809/428, 3-4=-1547/845, 4-5=-845/499, 5-6=-843/497, TOP CHORD

6-7=-1848/1081, 7-8=-1166/704

BOT CHORD 2-13=-311/657, 12-13=-126/321, 4-12=-116/348, 11-12=-776/1521,

10-11=-1014/1818, 9-10=-285/511, 6-10=-277/541, 8-9=-571/975

3-13=-534/257, 3-12=-592/1149, 4-11=-794/475, 5-11=-209/427, 6-11=-1095/716, **WEBS**

7-10=-733/1350, 7-9=-840/495

JOINT STRESS INDEX

2 = 0.48, 3 = 0.89, 4 = 0.54, 5 = 0.49, 6 = 0.54, 7 = 0.89, 8 = 0.48, 9 = 0.72, 10 = 0.65, 11 = 0.24, 12 = 0.65 and 13 = 0.72

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.

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899166
L252570	T05	SPECIAL	3	1	
					Job Reference (optional)

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NOTES

- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 148 lb uplift at joint 8 and 182 lb uplift at joint 2.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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: 1-5=-54, 5-8=-54, 2-13=-10, 10-12=-10, 8-9=-10

Concentrated Loads (lb) Vert: 7=-200(F)

> Julius Les Trues Coston (Indineer Floride Pik No. 3-1868 1406 Chastai May Alva Beviton Besch, FL 20425



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL J1899167
L252570	Т06	COMMON	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FI 32055			300 s Feb 15 2006	MiTek Ir	ndustries, Inc. Tue Oct 09 15:20:42 2007 Page 1
-1-6-0		7-4-0			14-8-0
1-6-0	A.	7-4-0			7-4-0

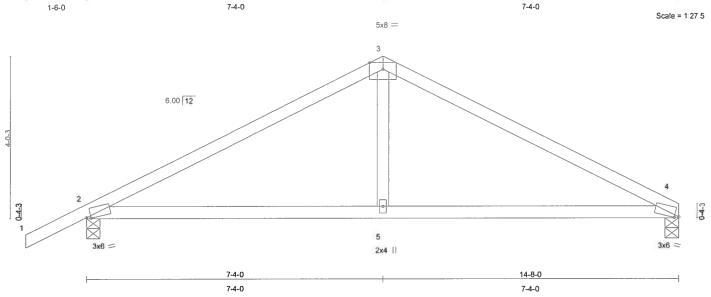


Plate Of	fsets (X,Y): [2:0-1-5,0-0-7], [4:	0-1-5,0-0-	7]								
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	0.08	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	-0.13	4-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 54 lb	

LUMBER	
TOP CHORD	2 X 4 SYP No.

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.

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

REACTIONS (lb/size) 4=453/0-4-0, 2=554/0-4-0

Max Horz 2=80(load case 6)

Max Uplift 4=-99(load case 7), 2=-175(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/35, 2-3=-683/388, 3-4=-680/385

BOT CHORD

2-5=-238/536, 4-5=-238/536

WEBS

3-5=0/253

JOINT STRESS INDEX

Continued on page 2

2 = 0.86, 3 = 0.82, 4 = 0.86 and 5 = 0.18

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 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

October 10,2007

🛕 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	LIPSCOMB EAGLE - ALEXANDRA MODEL
1.1.1					J1899167
L252570	T06	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 99 lb uplift at joint 4 and 175 lb uplift at joint 2.

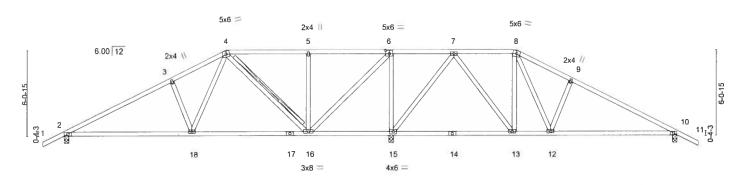
LOAD CASE(S) Standard

Julius Emm Truss Coston Endinger Planida PE No. 34888 1406 Ensatal May Alva Boynton Weson, No. 25465



Job	Truss		Truss Type		Qty	Ply	LIPSC	OMB EAGLE -	ALEXANDRA MO	DEL
	•									J1899168
L252570	T07		HIP		1	1				
							Job Re	ference (option	al)	
Builders Firsts	Source, Lake C	ity, FI 32055		6.300 s Feb 1	5 2006 1	MiTek Ir	ndustries	s, Inc. Tue Oct	09 15:20:43 2007	Page 1
₋ 1-6-0,	7-7-5	11-5-8	17-3-12	23-2-0	27-7-4	1 3	32-0-8	35-10-11	43-6-0	45-0-0
1-6-0	7-7-5	3-10-3	5-10-4	5-10-4	4-5-4		4-5-4	3-10-3	7-7-5	1-6-0 Scale = 1.78.8

WARNING: This truss is not symmetrical and must be installed as shown.



		9-0-5	8-3-7		5-10-	4	8-10-8	112	2-5-3		9-0-5	
Plate Of	fsets (X,Y	(): [6:0-3-0,0-3-0]								10	7	
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in (l	oc) I/d	efl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	-0.14 10	-12 >9	99	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.28 10	-12 >8	70	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.78	Horz(TL)	0.02	10 r	ı/a	n/a		
BCDL	5.0	Code FBC2004/TF	P12002	(Mati	rix)						Weight: 236 lb	

23-2-0

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		5-11-3 oc purlins.
WEBS	2 X 4 SYP No.3	BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc
			bracing.

T-Brace: **WEBS**

32-0-8

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

43-6-0

Brace must cover 90% of web length.

34-5-11

REACTIONS (lb/size) 2=668/0-4-0, 15=1719/0-4-0, 10=555/0-4-0

Max Horz 2=94(load case 6)

9-0-5

Max Uplift 2=-212(load case 6), 15=-335(load case 5), 10=-212(load case 7) Max Grav 2=697(load case 10), 15=1719(load case 1), 10=589(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD

1-2=0/35, 2-3=-939/481, 3-4=-787/528, 4-5=-194/229, 5-6=-194/229, 6-7=-143/610,

7-8=-262/267, 8-9=-554/408, 9-10=-704/361, 10-11=0/35

17-3-12

BOT CHORD 2-18=-259/756, 17-18=-92/483, 16-17=-92/483, 15-16=-586/481, 14-15=-111/219,

13-14=-111/219, 12-13=0/271, 10-12=-152/549

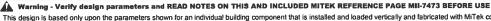
3-18=-301/304, 4-18=-262/428, 4-16=-447/239, 5-16=-335/239, 6-16=-510/987, **WEBS**

6-15=-978/561, 7-15=-829/454, 7-13=-225/505, 8-13=-370/226, 8-12=-304/424,

9-12=-320/314

2 X 4 SYP No.3 -

Continued on page 2







Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL		
L252570	T07	HIP	1	1	J1899168		
L252570	107		ļ '	'	Job Reference (optional)		

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:43 2007 Page 2

JOINT STRESS INDEX

2 = 0.65, 3 = 0.33, 4 = 0.30, 5 = 0.33, 6 = 0.48, 7 = 0.40, 8 = 0.30, 9 = 0.33, 10 = 0.64, 12 = 0.47, 13 = 0.40, 14 = 0.47, 15 = 0.27, 16 = 0.95, 17 = 0.18 and 18 = 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; BCDŁ=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 3x6 MT20 unless otherwise indicated.
- 6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 212 lb uplift at joint 2, 335 lb uplift at joint 15 and 212 lb uplift at joint 10.

LOAD CASE(S) Standard

Julium Lee Trube Coedon Engineer Florida Piz No. 34888 1100 Chaetal Ray Alvel Woynion Weach, HL bosus Woynion Weach, HL bosus



Ply LIPSCOMB EAGLE - ALEXANDRA MODEL Job Truss Truss Type Qty J1899169 L252570 T08 **SPECIAL** Job Reference (optional) 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Oct 10 10:34:41 2007 Page 1 Builders FirstSource, Lake City, FI 32055 43-6-0 38-7-0 r1-6-0 7-7-5 13-5-8 18-3-12 23-2-0 29-2-0 30-018 33-7-0 5-0-0 4-10-4 0-10-8 3-6-8 5-10-3 4-10-4 6-0-0 1-6-0 7-7-5 + 2x4 SYP No. 3 scab. Attach scab to both sides of the truss with (3) 0.131"x3.0" nails Scale = 1 77.8 clustered into the Top and Bottom Member See drawing CNNAILSP1299 "PARALLEL TO GRAIN" for additional nail spacing information. 2x4 || 2x4 || 3x8 = 5x6 = 6 7 5 8 4x6 <> 6.00 12 2x4 \\ 2 7-0-15 10 5x14 = 12 20 2x4 || 4x6 = 4x6 = 4x6 > 17 16 15 19 18 2-0-0 5x8 = 4x6 = 5x8 = 4x6 = 2x4 Beam to Truss connection to be specified by the Architect/Engineer of Record. 31-10-0 33-7-0 38-7-0 9-0-5 18-3-12 23-2-0 23₁4-0 29-2-0 4-10-4 0-2-0 5-10-0 2-8-0 1-9-0 5-0-0 [13:0-6-0,0-2-4], [15:12-4-1,6-3-2] Plate Offsets (X,Y): **GRIP** L/d **PLATES** CSI **DEFL** I/defl LOADING (psf) **SPACING** 2-0-0 in (loc) 360 MT20 244/190 1.25 TC 0.37 Vert(LL) -0.13 10-12 >999 20.0 Plates Increase TCLL **TCDL** 7.0 Lumber Increase 1.25 BC 0.27 Vert(TL) -0.24 10-12 >999 240 10.0 Rep Stress Incr NO WB 0.51 Horz(TL) 0.10 11 n/a n/a **BCLL** Weight: 576 lb Code FBC2004/TPI2002 **BCDL** 5.0 (Matrix) **BRACING** LUMBER TOP CHORD Structural wood sheathing directly applied or 6-0-0 TOP CHORD 2 X 4 SYP No.2 *Except* oc purlins. 8-11 2 X 6 SYP No.1D **BOT CHORD** Rigid ceiling directly applied or 6-0-0 oc bracing, **BOT CHORD** 2 X 6 SYP No.1D *Except* 7-15 2 X 4 SYP No.3 Except: 10-0-0 oc bracing: 14-15. **WEBS** 2 X 4 SYP No.3 1 Row at midpt 10-13 **JOINTS** 1 Brace at Jt(s): 13 (lb/size) 11=308/0-4-0, 2=-102/0-4-0, 16=3829/0-4-0 REACTIONS Max Horz 2=118(load case 5) Max Uplift 11=-94(load case 6), 2=-540(load case 10), 16=-767(load case 3) Max Grav 11=318(load case 10), 2=146(load case 3), 16=3829(load case 1) FORCES (lb) - Maximum Compression/Maximum Tension 1-2=0/39, 2-3=-384/1442, 3-4=-357/1473, 4-5=-482/2176, 5-6=-482/2176, 6-7=-465/2032. TOP CHORD 7-8=-472/2054, 8-9=-505/2116, 9-10=-213/897, 10-11=-129/67 **BOT CHORD** 2-19=-1266/440, 18-19=-1436/511, 17-18=-1436/511, 16-17=-3138/877, 15-16=-128/33, 14-15=0/0, 13-15=0/142, 7-13=-454/154, 12-13=-687/280, 12-20=-687/280, 10-20=-687/280. es Law es Coston Chomes to Charle has Ston 3-19=-343/199, 4-19=-160/547, 4-17=-1478/336, 5-17=-266/116, 6-17=-320/1781. **WEBS** 6-16=-2638/530, 13-16=-3181/893, 6-13=-261/1422, 8-13=-740/195, 9-13=-1418/427, 9-12=-197/890 **JOINT STRESS INDEX** 2 = 0.31, 3 = 0.34, 4 = 0.39, 5 = 0.34, 6 = 0.91, 7 = 0.34, 8 = 0.28, 9 = 0.30, 10 = 0.65, 12 = 0.34, 13 = 0.96, 15 = 0.87, 15 = 0.00, 16 = 0.91, 15 = 0.91, 0.44, 17 = 0.44, 18 = 0.07 and 19 = 0.29

Continued on page 2

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

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



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899169
L252570	T08	SPECIAL	1	2	
					Job Reference (optional)

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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 6 2 rows at 0-9-0 oc, 2 X 4 1 row at 0-9-0 oc. Webs connected as follows: 2 X 4 1 row at 0-9-0 oc.
- 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- 3) Unbalanced roof live loads have been considered for this design.
- 4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- 5) Provide adequate drainage to prevent water ponding.
- 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) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint 11, 540 lb uplift at joint 2 and 767 lb uplift at joint 16.

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: 1-4=-54, 4-8=-54, 8-10=-54, 10-11=-65, 2-15=-10, 14-15=-10, 10-13=-10

Concentrated Loads (lb)

Vert: 12=-650(F) 20=-500(F)

Julius Les Truss Costan Endincer Plonia Pie No. 34666 1100 Chestal May Mive Aconton Seson, 11, 55455



Job	Truss	Truss Type		Qty	Ply	LIP	SCOMB E	EAGLE -	ALEXANDRA	1
L252570	Т09	SPECIAL		1		1				J1899170
Buildere FiretSource	e, Lake City, FI 3205	,	6 300	s Feb 15 2006	MiTek		Reference			007 Page 1
Dunders i iistoodic	e, Lake Oity, 11 5205	,	0.000	73100102000	WITTE	· maasti	100, 1110.	140 000	00 10.20.40 2	or rage r
-1-6-0	7-7-5	15-5-8		23-2-0		-	28-0-8	29-2-0	33-7-0	
1-6-0 + 2v4 SVP No. 3 (7-7-5 scab. Attach scab to	7-10-3	(3) N 131"v3 (7-8-8 " naile cluster	ad he		4-10-8	1-1-8	4-5-0	Scale 3/16"=1"
into the Top and	Bottom Member Se	ee drawing CN	NAILSP,1299	PARALLEL TO	0					
GRAIN" for add	tional nail spacing in	formation.	4.10			2x4 5		5x6 = 6 2x4	I	
Ţ								7		Ī
	6.00 12								3x8	*
	2x4 \\								8	
2	3	// //	//							15
8-0-15										3-3-11 8-0-15
		\ //						10 6	14 = 9	2-0-0
2		<u> </u>	8	[0]		¥		17	1	
3x6 =		16	15	14		13		12	1 Sir	npson HTU26
		3x6 =	2x4	3x6 =		4x10 =		2x4	2-0-0	•
	9-0-5	15-5-8		23-2-0			29-2-0	. :	31-10-0 33-7-0	
	9-0-5	6-5-3		7-8-8		-	6-0-0		2-8-0 1-9-0	
Plate Offsets (X,Y): [10:0-5-9,0-3-2],	[13:0-4-8,0-2-0)]							
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.46	Vert(LL)	-0.14	2 -16	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1	BC 0.37 WB 0.77		-0.28 0.02	2-16 9	>980	240 n/a		
BCLL 10.0 BCDL 5.0	* Rep Stress Incr Code FBC2004/	1	(Matrix)	Horz(TL)	0.02	9	n/a	11/0	Weight: 2	21 lb
			,	DDAOINO						
LUMBER TOP CHORD 2)	(4 SYP No.2			BRACING TOP CHOR	D	Structu	ıral wood	l sheathi	ng directly ap	plied or
BOT CHORD 2>	4 SYP No.2 *Excep	ot*			_	6-0-0	oc purlins	, excep	t end verticals	S.
	2 2 X 4 SYP No.3 (4 SYP No.3			BOT CHOR	ט	Rigid of bracing	-	ectly app	olied or 6-0-0	oc
WLB3 27	(4 311 110.3			WEBS		T-Brac	_		2 X 4 SY	P No.3 -
						F4	T1	h	4-13, 6-1	
									to narrow edg nails, 9in o.c.	
						minim	um end d	istance.		
				JOINTS			must cov e at Jt(s)		of web length	
				3011110		י טומני	o at 51(3)	. 10		
REACTIONS (lb/	size) 2=688/0-4-0,	9=2/Mechanic	eal 13=1557/0)_4_0						
	x Horz 2=231(load o		, 10-1001/C							
	x Uplift 2=-206(load									
Ma	x Grav 2=691(load o	ase 10), 9=16	z(ioad case 1	1), 13=155/(10	ao cas	se 1)				
	aximum Compression									
	-2=0/35, 2-3=-939/4 -8=-89/193, 8-9=-13		86, 4-5=-154/	400, 5-6=-160/	409, 6	o-7=-57	/205,			
,	503/130, 0-313	,,,,,,,,								

Continued on page 2

BOT CHORD

WEBS

October 10,2007



Julius Les Truss Ceston Chomesr Floride PE No. Intelle 1100 Chastal Ray Rivi Goynton Geson, FL 16416

11-12=0/0, 10-12=0/156, 7-10=-181/168, 9-10=-20/27

6-13=-502/278, 10-13=-179/178, 6-10=-160/269, 8-10=-205/172

2-16=-523/762, 15-16=-114/251, 14-15=-113/252, 13-14=-113/252, 12-13=-43/0,

3-16=-381/390, 4-16=-421/587, 4-15=0/202, 4-13=-905/568, 5-13=-367/249,

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
2					J1899170
L252570	T09	SPECIAL	1	1	48 (199)
					Job Reference (optional)

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JOINT STRESS INDEX

2 = 0.66, 3 = 0.33, 4 = 0.35, 5 = 0.33, 6 = 0.31, 7 = 0.33, 8 = 0.82, 9 = 0.38, 10 = 0.13, 12 = 0.68, 13 = 0.73, 14 = 0.33, 15 = 0.33 and 16 = 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.
- 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 206 lb uplift at joint 2, 147 lb uplift at joint 9 and 447 lb uplift at joint 13.

LOAD CASE(S) Standard

Thise Coolan Engineer Fighta FE No. 348au 1406 Chestel Bey Slvd Goynton Wesch, FL 66456



Job	Truss	Truss Type		Qty	Ply	LIPS	СОМВ Е	AGLE - A	LEXANDRA MO	DEL J1899171
252570	T10	SPECIAL		1		1	_			01000171
Builders FirstSource	Lake City, FI 32055		6.300	s Feb 15 2006 N	/ /liTek			(optional	9 15:20:46 2007	Page 1
Jungers Firstoodree,	Lake Oily, 11 OLOGO		0.000				,			J
-1-6-0	7-7-5	14-8-3	17-5-8			26-0-8	+ 29-2-0	-	3-7-0	
1-6-0 2x4 SYP No. 3 sca	7-7-5 ab. Attach scab to th	7-0-14 ne truss with	2-9-5 (3) 0.131"x3.0	5-8-8 " nails clustered		2-10-8	3-1-8	,	4-5-0	Scale = 1 68 1
into the Top and B	ottom Member See	drawing CN	NAILSP1299 "	PARALLEL TO		c4	5x6 =			
GRAIN" for addition	onal nail spacing info	rmation 12	3x6 =	5	E	3	7	2x4		ī
0443 7 2 2 3 3 4 3	5x6 =		4					8 8 11 8 114 =	3x8 ≥ 9 9	2-0-0
3x6 =		17 3x6 =	16 3x6 =	15 =3x6 =		14 10 =		13 2x4 2-0		son HTU26
	9-0-5		17-5-8	23-2-0		2	9-2-0	31-10	-0 33-7-0	
'	9-0-5	'	8-5-3	5-8-8			6-0-0	2-8-0	1-9-0	
Plate Offsets (X,Y):	[3:0-3-0,0-3-0], [1	1:0-4-13,0-3	-6], [14:0-4-8,0	-2-0]						
OADING (psf) CLL 20.0 CDL 7.0 BCLL 10.0 BCDL 5.0	SPACING Plates Increase Lumber Increase * Rep Stress Incr Code FBC2004/TI	2-0-0 1.25 1.25 YES PI2002	CSI TC 0.37 BC 0.39 WB 0.60 (Matrix)	Vert(TL) -	in 0.12 0.25 0.01	(loc) 2-17 2-17 14	l/defl >999 >999 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 236	GRIP 244/19
8-13	4 SYP No.2 4 SYP No.2 *Except 3 2 X 4 SYP No.3 4 SYP No.3	•		BRACING TOP CHORD BOT CHORD WEBS		6-0-0 o	c purlins eiling dir	, except	ng directly applie end verticals. lied or 6-0-0 oc 2 X 4 SYP N	o.3 -
				JOINTS		with 100 minimu Brace n	d Comm m end d	on wire r istance. er 90% c	5-14, 6-14, 7 o narrow edge o nails, 9in o.c.,wit of web length.	f web
				55			(0)			
Max Max Max FORCES (lb) - Ma	ize) 2=668/0-4-0, Horz 2=242(load ca Uplift 2=-191(load ca Grav 2=673(load ca ximum Compression	ise 6) ase 6), 10=- ise 10), 10= n/Maximum	219(load case 155(load case Tension	10), 14=-355(lo: 11), 14=1625(lo	ad ca	ase 1)				
7-8	2=0/35, 2-3=-903/38 B=-71/252, 8-9=-113	/260, 9-10=-	129/238							
12	17=-493/730, 16-17= -13=0/0, 11-13=0/17	1, 8-11=-22	4/231, 10-11=-	19/26				പിലെടെ പ് ലായയ വ് വാദ്യവിക	es rio 341 nastal May	rieser detek
	17=-378/379, 4-17=- 14=-291/203, 7-14=-							ovnie.	nastal May	MINA L SS-405

Continued on page 2

October 10,2007



3-17=-378/379, 4-17=-386/582, 4-15=-495/432, 5-15=-353/525, 5-14=-849/513, 6-14=-291/203, 7-14=-500/285, 11-14=-308/263, 7-11=-224/345, 9-11=-275/201

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
l L					J1899171
L252570	T10	SPECIAL	1	1	
					Job Reference (optional)

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JOINT STRESS INDEX

2 = 0.58, 3 = 0.80, 4 = 0.45, 5 = 0.63, 6 = 0.33, 7 = 0.29, 8 = 0.33, 9 = 0.79, 10 = 0.39, 11 = 0.21, 13 = 0.44, 14 = 0.71, 15 = 0.47, 16 = 0.15 and 17 = 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.
- 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 191 lb uplift at joint 2, 219 lb uplift at joint 10 and 355 lb uplift at joint 14.

LOAD CASE(S) Standard

Julius Les Truss Coston Choinear Planda Pin No. 3-1969 1406 Chastel May Alvi Bovijon Beson, Fl. 25406



Ply LIPSCOMB EAGLE - ALEXANDRA MODEL Qty Job Truss Truss Type J1899172 L252570 SPECIAL T11 Job Reference (optional) 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Oct 10 10:39:21 2007 Page 1 Builders FirstSource, Lake City, Fl 32055 38-7-0 43-6-0 r1-6-0 7-7-5 14-8-3 19-5-8 29-2-0 33-7-0 4-5-0 4-11-0 1-6-0 7-7-5 + 2x4 SYP No. 3 scab. Attach scab to both sides of the truss with (3) 0.131"x3.0" nails Scale = 1 77 3 clustered into the Top and Bottom Member See drawing CNNAILSP1299 "PARALLEL TO GRAIN" for additional nail spacing information. 5x6 = 5 6 6 00 12 3x6 / 2x4 5x6 > 5x6 = 10-0-15 4x6 < 10 11 Ø 2x4 || 4x6 = 8x14 = 4x6 = 17 16 15 18 14 2-0-0 5x8 = 2x4 4x6 = 5x8 = 4x6 = Beam to Truss connection to be specified by the Architect/Engineer of Record. 23-4-0 31-10-0 33-7-0 9-0-5 9-0-5 8-5-13 5-9-14 2-8-0 1-9-0 5-0-0 [3:0-3-0,0-3-0], [8:Edge,0-2-0], [9:3-11-5,0-5-8], [9:0-2-8,0-0-14] Plate Offsets (X,Y): **GRIP** CSI **DEFL** L/d **PLATES SPACING** 2-0-0 I/defl LOADING (psf) in (loc) 360 MT20 244/190 20.0 1.25 TC 0.37 Vert(LL) -0.119-11 >999 TCLL Plates Increase **TCDL** 7.0 Lumber Increase 1.25 BC 0.20 Vert(TL) -0.19 9-11 >999 240 0.68 **BCLL** 10.0 Rep Stress Incr NO WB Horz(TL) 0.07 10 n/a n/a Weight: 595 lb 5.0 Code FBC2004/TPI2002 (Matrix) BCDL **BRACING LUMBER** TOP CHORD TOP CHORD 2 X 4 SYP No.2 *Except* Structural wood sheathing directly applied or 6-0-0 8-10 2 X 6 SYP No.1D oc purlins. **BOT CHORD** Rigid ceiling directly applied or 6-0-0 oc bracing, **BOT CHORD** 2 X 6 SYP No.1D *Except* 7-14 2 X 4 SYP No.3 Except: 2 X 4 SYP No.3 10-0-0 oc bracing: 13-14. **WEBS JOINTS** 1 Brace at Jt(s): 12 (lb/size) 2=-151/0-4-0, 15=3930/0-4-0, 10=256/0-4-0 REACTIONS Max Horz 2=154(load case 5) Max Uplift 2=-665(load case 10), 15=-858(load case 6), 10=-81(load case 6) Max Grav 2=172(load case 3), 15=3930(load case 1), 10=272(load case 10) FORCES (lb) - Maximum Compression/Maximum Tension 1-2=0/39, 2-3=-437/1713, 3-4=-409/1748, 4-5=-386/2013, 5-6=-435/2304, 6-7=-450/2290, TOP CHORD 7-8=-543/2293, 8-9=-266/1116, 9-10=-108/61 **BOT CHORD** 2-18=-1506/525, 17-18=-1717/582, 16-17=-1717/582, 15-16=-1831/642, 14-15=-101/27, 13-14=0/0, 12-14=0/153, 7-12=-274/160, 11-12=-852/321, 11-19=-897/331, 9-19=-897/331 3-18=-376/214, 4-18=-192/614, 4-16=-559/259, 5-16=-193/560, 5-15=-1677/407, **WEBS** llun Las Liga Creston Engineer Sida Per Fig. 2-1985 Sida Camatal Bas (Slow 6-15=-1545/362, 12-15=-2178/727, 6-12=-86/350, 8-12=-1348/407, 8-11=-192/873

JOINT STRESS INDEX

2 = 0.28, 3 = 0.52, 4 = 0.46, 5 = 0.34, 6 = 0.41, 7 = 0.34, 8 = 0.64, 9 = 0.49, 9 = 0.00, 11 = 0.34, 12 = 0.34, 14 = 0.63, 15 = 0.30, 16 = 0.38, 17 = 0.07 and 18 = 0.33





Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899172
L252570	T11	SPECIAL	1	2	
					Job Reference (optional)

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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 6 - 2 rows at 0-9-0 oc. Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc, 2 X 4 - 1 row at 0-9-0 oc. Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- 3) Unbalanced roof live loads have been considered for this design.
- 4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- 5) Provide adequate drainage to prevent water ponding.
- 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) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 665 lb uplift at joint 2, 858 lb uplift at joint 15 and 81 lb uplift at joint 10.

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: 1-5=-54, 5-6=-54, 6-9=-54, 9-10=-65, 2-14=-10, 13-14=-10, 9-12=-10

Concentrated Loads (lb)

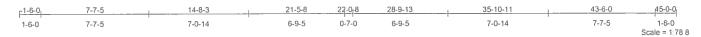
Vert: 11=-650(F) 19=-500(F)

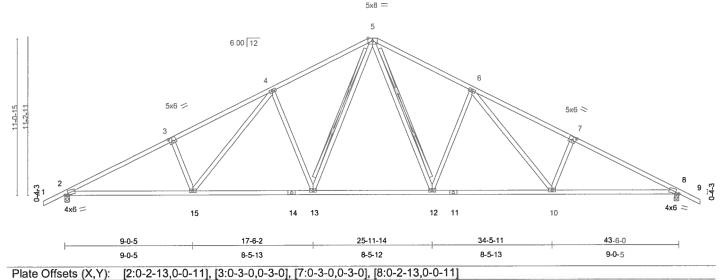
Julius Les Trues Cosign Engineer Plottos Es No. 3-1808 1406 Cassis May Alva Boviton Boson, FL 20405



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
9 9	1				J1899173
L252570	T12	HIP	1	1	
					Job Reference (optional)

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GRIP DEFL I/defl L/d **PLATES SPACING** 2-0-0 CSI in (loc) LOADING (psf) 20.0 360 MT20 244/190 1.25 TC 0.45 Vert(LL) 0.24 12-13 >999 **TCLL** Plates Increase **TCDL** 7.0 Lumber Increase 1.25 BC 0.56 Vert(TL) -0.40 12-13 >999 240 WB 0.65 0.14 n/a n/a **BCLL** 10.0 Rep Stress Incr YES Horz(TL) Weight: 237 lb **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix)

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

Structural wood sheathing directly applied or 3-4-15 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 5-9-8 oc bracing.

WEBS

T-Brace:

2 X 4 SYP No.3 -5-13, 5-12

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=1471/0-4-0, 8=1471/0-4-0

Max Horz 2=-155(load case 7)

Max Uplift 2=-374(load case 6), 8=-374(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-2630/1469, 3-4=-2481/1530, 4-5=-1890/1289, 5-6=-1890/1289,

6-7=-2481/1530, 7-8=-2630/1469, 8-9=0/35

2-15=-1140/2263, 14-15=-798/1819, 13-14=-798/1819, 12-13=-456/1377,

11-12=-798/1819, 10-11=-798/1819, 8-10=-1140/2263

3-15=-341/350, 4-15=-352/532, 4-13=-588/503, 5-13=-449/676, 5-12=-449/676,

6-12=-588/503, 6-10=-352/532, 7-10=-341/350

JOINT STRESS INDEX

BOT CHORD

WEBS

2 = 0.85, 3 = 0.83, 4 = 0.45, 5 = 0.57, 6 = 0.45, 7 = 0.83, 8 = 0.85, 10 = 0.47, 11 = 0.59, 12 = 0.59, 13 = 0.59, 14 = 0.59 and October 10,2007 Contilhue of 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 occede. For general guidance regarding storage, delivery, erection and bracing, consult BCS-I or HIB-91 Handling installing and Bracing Recommendation avoide 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



Creaton Creates

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899173
L252570	T12	HIP	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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All plates are 3x6 MT20 unless otherwise indicated.
- 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 374 lb uplift at joint 2 and 374 lb uplift at joint 8.

LOAD CASE(S) Standard

Julius Less Truss Ession Endineer Planide PE No. 3-1808 1408 Cassis Bay Slad Boynton Wagon, No. 55455



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
1 .					J1899174
L252570	T13	COMMON	4	1	
					Job Reference (optional)

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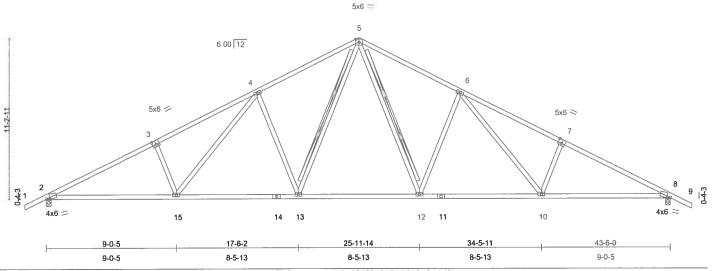


Plate Offsets (X,Y): [2:0-2-13,0-0-11], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:0-2-13,0-0-11]

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 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	0.45 0.57 0.65 rix)	DEFL Vert(LL) Vert(TL) Horz(TL)	in 0.24 -0.40 0.14		l/defl >999 >999 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 237 lb	GRIP 244/190
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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 3-4-14 oc purlins.

Rigid ceiling directly applied or 5-9-6 oc **BOT CHORD**

bracing.

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

5-13, 5-12

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=1469/0-4-0, 8=1469/0-4-0

Max Horz 2=-154(load case 7)

Max Uplift 2=-372(load case 6), 8=-372(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/35, 2-3=-2631/1470, 3-4=-2482/1532, 4-5=-1891/1290, 5-6=-1891/1290, TOP CHORD

6-7=-2482/1532, 7-8=-2631/1470, 8-9=0/35

BOT CHORD 2-15=-1142/2264, 14-15=-801/1820, 13-14=-801/1820, 12-13=-458/1378,

11-12=-801/1820, 10-11=-801/1820, 8-10=-1142/2264

WEBS 3-15=-341/350, 4-15=-354/532, 4-13=-588/503, 5-13=-449/676, 5-12=-449/676,

6-12=-588/503, 6-10=-354/532, 7-10=-341/350

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JOINT STRESS INDEX

2 = 0.85, 3 = 0.83, 4 = 0.45, 5 = 0.68, 6 = 0.45, 7 = 0.83, 8 = 0.85, 10 = 0.47, 11 = 0.59, 12 = 0.59, 13 = 0.59, 14 = 0.59 and October 10,2007 Contihued of 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	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899174
L252570	T13	COMMON	4	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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

4) All plates are 3x6 MT20 unless otherwise indicated.

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 372 lb uplift at joint 2 and 372 lb uplift at joint 8.

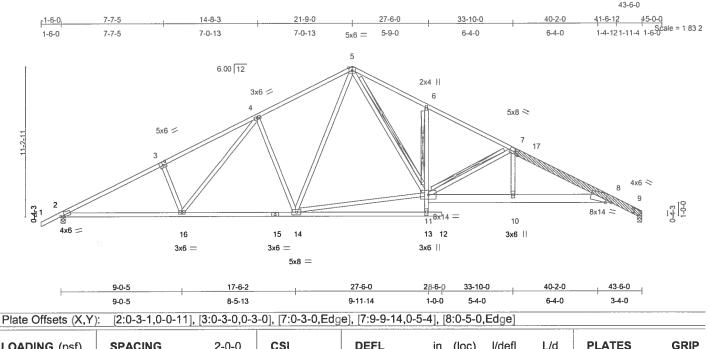
LOAD CASE(S) Standard

Julium Lem Trups Coston Engineer Histor Pastal May Alvet 1406 Cassisl May Alvet



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899175
L252570	T14	SPECIAL	9	1	
					Job Reference (optional)

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LOADING (' '	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 2	20.0	Plates Increase	1.25	TC	0.82	Vert(LL)	0.40	12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.84	Vert(TL)	-0.59	13-14	>879	240		
BCLL 1	0.0	* Rep Stress Incr	YES	WB	0.95	Horz(TL)	0.32	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 299 lb	

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

7-9 2 X 6 SYP No.1D

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

6-13 2 X 4 SYP No.3, 8-11 2 X 8 SYP 2400F 2.0E

WEBS 2 X 4 SYP No.3

LBR SCAB 7-9 2 X 6 SYP No.1D one side **BRACING** TOP CHORD

Structural wood sheathing directly applied or

3-4-12 oc purlins.

BOT CHORD Rigid ceiling directly applied or 5-7-10 oc

bracing. Except:

T-Brace:

2 X 4 SYP No.3 -

6-11

WEBS

T-Brace:

2 X 4 SYP No.3 -5-11, 7-11

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.

REACTIONS (lb/size) 2=1475/0-4-0, 9=1390/0-4-0

Max Horz 2=165(load case 6)

Max Uplift 2=-370(load case 6), 9=-296(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-2643/1471, 3-4=-2494/1532, 4-5=-1901/1287, 5-6=-2289/1536,

6-7=-2332/1386, 7-17=-3203/1851, 8-17=-3348/1830, 8-9=-636/375

BOT CHORD 2-16=-1200/2274, 15-16=-859/1833, 14-15=-859/1833, 13-14=-76/341, 12-13=0/0, 11-13=0/185, 6-11=-313/300, 10-11=-1541/3013, 8-10=-1535/2995

3-16=-341/348, 4-16=-354/531, 4-14=-586/510, 5-14=-387/578, 11-14=-462/1143,

5-11=-708/1115, 7-11=-1152/737, 7-10=-168/494

Continued on page 2

WEBS

October 10,2007

▲ Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MITek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 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	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899175
L252570	T14	SPECIAL	9	1	
					Job Reference (optional)

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JOINT STRESS INDEX

2 = 0.84, 3 = 0.82, 4 = 0.45, 5 = 0.60, 6 = 0.37, 7 = 0.51, 7 = 0.00, 7 = 0.00, 8 = 0.60, 8 = 0.00, 9 = 0.00, 9 = 0.00, 10 = 0.16, 11 = 0.71, 13 = 0.85, 14 = 0.46, 15 = 0.59 and 16 = 0.47

NOTES

- 1) Attached 10-9-10 scab 7 to 9, front face(s) 2 X 6 SYP No.1D with 2 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 7-0-3 from end at joint 7, nail 2 row(s) at 2 o.c. for 2-0-0.
- 2) Unbalanced roof live loads have been considered for this design.
- 3) 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.
- 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) 9 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 370 lb uplift at joint 2 and 296 lb uplift at joint 9.

LOAD CASE(S) Standard

Julium Lemm Trupe Coelon Chainsor Planda PE No. 24888 Piac Greens Pey Alva Woynton Weach, FL 20426



Job	Truss	Truss Type		Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODE	L 399176
L252570	T15	SPECIAL		1	2	Job Reference (optional)	
Builders FirstSour	rce, Lake City, Fl 320)55	6.300 s Feb	15 2006	MiTek Ir	Industries, Inc. Tue Oct 09 15:20:52 2007 Pa	ge 1
-1-6-0 3-11-4	, 7-0-0 , 11-3-0	15-6-0	22-11-12	30-	5-8	36-6-0 39-6-12 43-6-0 45-0-0	1

7-5-12

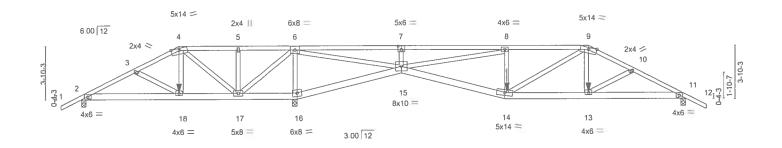
6-0-8

3-0-12

3-11-4

1-6-0

Scale = 1:80.1



1	7-0)-0 11-3-0	15-4-0 1	5,6-0	22-11-12		30-5-8	30,7-8	36-6-0		43-6-0	
,	7-0	0-0 4-3-0	4-1-0	0-2-0	7-5-12		7-5-12	0-2-0	5-10-8	20	7-0-0	
Plate Of	fsets (X,Y): [7:0-3-0,0-3-0]				T-					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	0.51	Vert(LL)	-0.11	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.19	Vert(TL)	-0.21	14-15	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.75	Horz(TL)	0.04	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 514 lb	

LUMBER TOP CHORD 2 X 4 SYP No.1D

3-11-4

1-6-0

BOT CHORD 2 X 6 SYP No.1D

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

TOP CHORD

Structural wood sheathing directly applied or

6-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 6-0-0 oc

bracing.

REACTIONS (lb/size) 2=100/0-4-0, 16=4469/0-4-0, 11=1394/0-4-0

Max Horz 2=70(load case 5)

Max Uplift 2=-296(load case 5), 16=-1696(load case 4), 11=-460(load case 6) Max Grav 2=119(load case 9), 16=4469(load case 1), 11=1397(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension

 $1\hbox{-}2\hbox{-}0/39,\ 2\hbox{-}3\hbox{-}0/580,\ 3\hbox{-}4\hbox{-}0/611,\ 4\hbox{-}5\hbox{-}-423/1835,\ 5\hbox{-}6\hbox{-}-423/1835,\ 6\hbox{-}7\hbox{-}-883/283,$ TOP CHORD

7-8=-883/283, 8-9=-2394/854, 9-10=-2433/821, 10-11=-2571/816, 11-12=0/39

BOT CHORD 2-18=-509/41, 17-18=-500/26, 16-17=-3576/1252, 15-16=-3864/1367,

14-15=-779/2453, 13-14=-672/2195, 11-13=-681/2238

4-3-0

3-18=-164/103, 4-18=-318/589, 4-17=-1823/680, 5-17=-402/210, 6-17=-1002/2352, WEBS

6-16=-3246/1348, 6-15=-1529/4675, 7-15=-915/479, 8-15=-1543/570,

8-14=-528/319, 9-14=-134/307, 9-13=-125/525, 10-13=-74/76

Mine Lee Russ Coston Enginsor Rada Pa No. Islaat 180 Engeld Rey Riva Rymon Coson, FC 66468

JOINT STRESS INDEX

2 = 0.17, 3 = 0.33, 4 = 0.36, 5 = 0.33, 6 = 0.81, 7 = 0.54, 8 = 0.27, 9 = 0.45, 10 = 0.33, 11 = 0.40, 13 = 0.24, 14 = 0.36, 15 = 0.240.60, 16 = 0.81, 17 = 0.54 and 18 = 0.24

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899176
L252570	T15	SPECIAL	1	2	
					Job Reference (optional)

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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.

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 noted as (F) or (B), unless otherwise indicated.
- 3) Unbalanced roof live loads have been considered for this design.
- 4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 5) Provide adequate drainage to prevent water ponding.
- 6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) All 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 296 lb uplift at joint 2, 1696 lb uplift at joint 11.
- 9) Girder carries hip end with 7-0-0 end setback.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-4=-54, 4-9=-117(F=-63), 9-12=-54, 2-18=-10, 16-18=-22(F=-12), 15-16=-22(F=-12), 14-15=-22(F=-12),

13-14=-22(F=-12), 11-13=-10

Concentrated Loads (lb)

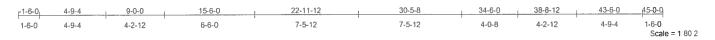
Vert: 18=-411(F) 13=-411(F)

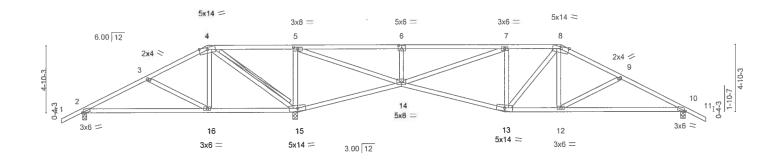
Julius Less Truse Coston Cholnest Plonida PE No. Edeob 1406 Chastel Ray Sivi Boomion Weson, El Dirios



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
. Y					J1899177
L252570	T16	SPECIAL	1	1	
					Job Reference (optional)

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9-0-0	15-4-0	15,6-0	22-11-12	30-5-8	34-6-0	43-6-0	-
9-0-0	6-4-0	0-2-0	7-5-12	7-5-12	4-0-8	9-0-0	

Plate Of	fsets (X,Y): [2:0-1-5,0-0-7], [5:	0-3-8,0-1-	8], [6:0-	3-0,0-3-0	0], [10:0-1-1,0	-0-7]					
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	0.23	2-16	>792	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	-0.26	10-12	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.83	Horz(TL)	0.04	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 224 lb	

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

BRACING TOP CHORD

Structural wood sheathing directly applied or 5-6-11 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 6-0-0 oc

bracing.

WEBS T-Brace:

2 X 4 SYP No.3 -

4-15

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=236/0-4-0, 15=1916/0-4-0, 10=791/0-4-0

Max Horz 2=80(load case 6)

Max Uplift 2=-336(load case 6), 15=-654(load case 5), 10=-220(load case 7) Max Grav 2=267(load case 10), 15=1916(load case 1), 10=798(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-107/431, 3-4=0/431, 4-5=-445/1103, 5-6=-517/225, 6-7=-520/227,

7-8=-874/560, 8-9=-983/542, 9-10=-1246/669, 10-11=0/35

BOT CHORD 2-16=-303/50, 15-16=-363/23, 14-15=-1178/782, 13-14=-279/903, 12-13=-244/833,

10-12=-461/1058

WEBS 3-16=-272/307, 4-16=-442/300, 4-15=-1049/911, 5-15=-969/524, 5-14=-727/1700,

6-14=-425/309, 7-14=-404/348, 7-13=-250/120, 8-13=-92/160, 8-12=-63/265,

9-12=-260/246

Julius Less Truss Coston Endinger Plands Pie No. 34800) 100 Cossiel May Alva Soveton Regen. L. Charc

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899177
L252570	T16	SPECIAL	1	1	
				İ	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:53 2007 Page 2

JOINT STRESS INDEX

2 = 0.84, 3 = 0.33, 4 = 0.64, 5 = 0.65, 6 = 0.59, 7 = 0.34, 8 = 0.24, 9 = 0.33, 10 = 0.87, 12 = 0.34, 13 = 0.28, 14 = 0.74, 15 = 0.76 and 16 = 0.34

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 336 lb uplift at joint 2, 654 lb uplift at joint 15 and 220 lb uplift at joint 10.

LOAD CASE(S) Standard

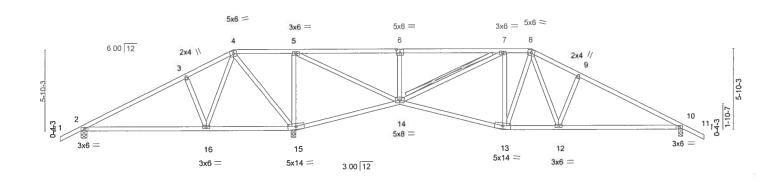
Julium Lee Truss Closion Chainear Plancia PE No. 3-1868 I 186 Chastal May Alva Goynton Geach, FL 25-135



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899178
L252570	T17	SPECIAL	1	1	
					Job Reference (optional)

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1-6-0	7-7-5	11-0-0	15-6-0	22-11-12	30-5-8	32-6-0 35-10-11	43-6-0	45-0-0
1-6-0	7-7-5	3-4-11	4-6-0	7-5-12	7-5-12	2-0-8 3-4-11	7-7-5	1-6-0 Scale = 1 80 2



	9-0-5	15-4-0	15,6-0	22-11-12	30-5-8	34-5-11	43-6-0	
	9-0-5	6-3-11	0-2-0	7-5-12	7-5-12	4-0-3	9-0-5	
Off4	/V V/v [C.O. 2.O.O	2.01	-1000					

Plate Off	sets (X,Y): [6:0-3-0,0-3-0]		<u> </u>								
LOADING TCLL	G (psf) 20.0	SPACING Plates Increase	2-0-0 1.25	CSI TC	0.55	DEFL Vert(LL)	in 0.29	(loc) 2-16	l/defl >630	L/d 360	PLATES MT20	GRIP 244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.28	10-12	>999	240		
BCLL BCDL	10.0 5.0	* Rep Stress Incr Code FBC2004/TR	YES	WB (Mat	0.76 rix)	Horz(TL)	0.03	10	n/a	n/a	Weight: 231 lb	
DODL	5.0	Code 1 BC2004/11	12002	/IVIGI	11/						110.3.10. 201 10	

LUMBER

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

BRACING

TOP CHORD

5-3-11 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 6-0-0 oc

Structural wood sheathing directly applied or

bracing.

WEBS

T-Brace:

2 X 4 SYP No.3 -

7-14

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=240/0-5-8, 15=1909/0-4-0, 10=793/0-4-0

Max Horz 2=92(load case 6)

Max Uplift 2=-331(load case 6), 15=-625(load case 5), 10=-229(load case 7) Max Grav 2=287(load case 10), 15=1909(load case 1), 10=807(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/36, 2-3=-41/440, 3-4=0/452, 4-5=-358/903, 5-6=-431/177, 6-7=-434/179, TOP CHORD

7-8=-739/498, 8-9=-1030/636, 9-10=-1179/591, 10-11=0/35

2-16=-366/47, 15-16=-464/248, 14-15=-966/742, 13-14=-165/766, 12-13=-143/709, **BOT CHORD**

10-12=-356/971

3-16=-332/351, 4-16=-691/434, 4-15=-808/714, 5-15=-987/531, 5-14=-610/1430, **WEBS**

6-14=-431/310, 7-14=-384/352, 7-13=-263/127, 8-13=-97/187, 8-12=-291/428,

9-12=-330/322

Continued on page 2





Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899178
L252570	T17	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:54 2007 Page 2

JOINT STRESS INDEX

2 = 0.54, 3 = 0.33, 4 = 0.30, 5 = 0.80, 6 = 0.59, 7 = 0.34, 8 = 0.30, 9 = 0.33, 10 = 0.69, 12 = 0.48, 13 = 0.34, 14 = 0.76, 15 = 0.76 and 16 = 0.48

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 331 lb uplift at joint 2, 625 lb uplift at joint 15 and 229 lb uplift at joint 10.

LOAD CASE(S) Standard

Julius Les Truss Design (Indineer Plonida PE, NJ, 3-1965 1-196 (Insels) Pay Sivi Beviton Gesen, PL, 25426



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
140					J1899179
L252570	T18	SPECIAL	1	1	
					Job Reference (optional)
Builders FirstSource,	Lake City, FI 32055	6.300 s Feb	15 2006	MiTek Ir	ndustries, Inc. Tue Oct 09 15:20:55 2007 Page 1



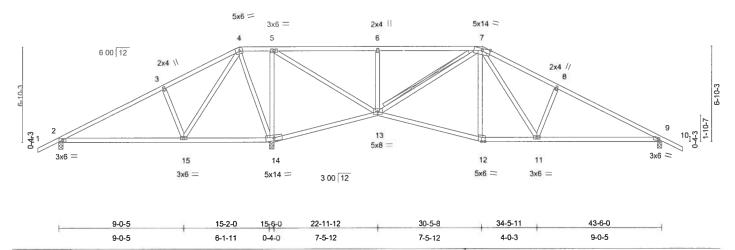


Plate Of	fsets (X,Y): [9:0-1-12,Edge]				T						
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	0.30	2-15	>609	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.32	Vert(TL)	-0.28	9-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.82	Horz(TL)	0.02	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	2002	(Mat	rix)						Weight: 234 lb	

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

BRACING

WEBS

TOP CHORD Structural wood sheathing directly applied or 5-3-0 oc purlins.

BOT CHORD Rigid ceiling directly applied or 6-0-0 oc

bracing. T-Brace:

2 X 4 SYP No.3 -

7-13

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=240/0-4-0, 14=1910/0-4-0, 9=793/0-4-0

Max Horz 2=104(load case 6)

Max Uplift 2=-317(load case 6), 14=-588(load case 5), 9=-234(load case 7) Max Grav 2=306(load case 10), 14=1910(load case 1), 9=816(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-92/443, 3-4=0/463, 4-5=-299/770, 5-6=-380/150, 6-7=-380/150,

7-8=-1044/633, 8-9=-1194/579, 9-10=0/35

BOT CHORD 2-15=-369/60, 14-15=-521/456, 13-14=-825/731, 12-13=-71/666, 11-12=-65/637,

9-11=-346/983

WEBS 3-15=-360/377, 4-15=-791/511, 4-14=-712/656, 5-14=-1006/513, 5-13=-540/1258,

6-13=-442/310, 7-13=-366/361, 7-12=-118/47, 7-11=-318/452, 8-11=-312/321

Julius Les Trues Coston Choinser Plantas Pis No. 24200 1400 Casses Pisy Sivi

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899179
L252570	T18	SPECIAL	1	, 1	Job Reference (optional)
					Job Reference (optional)

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JOINT STRESS INDEX

2 = 0.54, 3 = 0.33, 4 = 0.29, 5 = 0.71, 6 = 0.33, 7 = 0.26, 8 = 0.33, 9 = 0.81, 11 = 0.47, 12 = 0.30, 13 = 0.77, 14 = 0.76 and 15 = 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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 317 lb uplift at joint 2, 588 lb uplift at joint 14 and 234 lb uplift at joint 9.

LOAD CASE(S) Standard

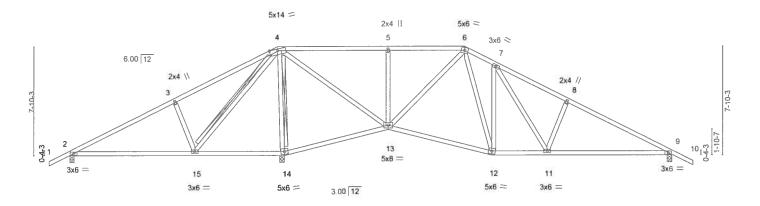
Julius Lee Truss Design Engineer Fibriga Mil No. 3-1868 Fibrian Mil No. 3-1868 Rovinton Mason, H. Dortos Rovinton Mason, H. Dortos



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
50					J1899180
L252570	T19	SPECIAL	1	1	
					Job Reference (optional)

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l	9-0-5	5-2-0 15	-0-0	22-11-12	- + - 3	0-5-6	+ -	34-3-11		43-0-0	
12.	9-0-5 6	-1-11 0	4-0	7-5-12	7	-5-12	- 8	4-0-3		9-0-5	
IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
20.0	Plates Increase	1.25	TC	0.48	Vert(LL)	0.31	2-15	>600	360	MT20	244/190
7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.28	9-11	>999	240		
10.0	* Rep Stress Incr	YES	WB	0.79	Horz(TL)	0.02	9	n/a	n/a		
5.0	Code FBC2004/TI	212002	(Mat	rix)						Weight: 241 lb	
	20.0 7.0 10.0	IG (psf) 20.0 7.0 10.0 **Rep Stress Incr	9-0-5 6-1-11 0 IG (psf) SPACING 2-0-0 20.0 Plates Increase 1.25 10.0 * Rep Stress Incr YES	9-0-5 6-1-11 0-4-0 IG (psf) SPACING 2-0-0 CSI 20.0 Plates Increase 1.25 TC 10.0 * Rep Stress Incr YES WB	9-0-5 6-1-11 0-4-0 7-5-12 IG (psf) SPACING 2-0-0 CSI 20.0 Plates Increase 1.25 TC 0.48 T.0 Lumber Increase 1.25 BC 0.33 10.0 * Rep Stress Incr YES WB 0.79	9-0-5 6-1-11 0-4-0 7-5-12 7 IG (psf) SPACING 2-0-0 CSI DEFL 20.0 Plates Increase 1.25 TC 0.48 Vert(LL) 7.0 Lumber Increase 1.25 BC 0.33 Vert(TL) 10.0 * Rep Stress Incr YES WB 0.79 Horz(TL)	9-0-5 6-1-11 0-4-0 7-5-12 7-5-12 G (psf) SPACING 2-0-0 CSI DEFL in 20.0 Plates Increase 1.25 TC 0.48 Vert(LL) 0.31	9-0-5 6-1-11 0-4-0 7-5-12 7-5-12 G (psf) SPACING 2-0-0 CSI DEFL in (loc)	9.0-5 6-1-11 0.4-0 7-5-12 7-5-12 4-0-3 G (psf) SPACING 2-0-0 CSI DEFL in (loc)	9-0-5 6-1-11 0-4-0 7-5-12 7-5-12 4-0-3 G (psf) SPACING 2-0-0 CSI DEFL in (loc) I/defl L/d	9-0-5 6-1-11 0-4-0 7-5-12 7-5-12 4-0-3 9-0-5 G (psf) SPACING 2-0-0 CSI DEFL in (loc) l/defl L/d PLATES

LUMBER

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

WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or

5-1-12 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 6-0-0 oc

bracing.

WEBS

T-Brace:

4-15, 4-14

2 X 4 SYP No.3 -

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

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

REACTIONS (lb/size) 2=272/0-4-0, 14=1860/0-4-0, 9=810/0-4-0

Max Horz 2=116(load case 6)

Max Uplift 2=-308(load case 6), 14=-534(load case 6), 9=-241(load case 7) Max Grav 2=351(load case 10), 14=1860(load case 1), 9=841(load case 11)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-193/370, 3-4=-48/408, 4-5=-397/172, 5-6=-397/172, 6-7=-764/535,

7-8=-1104/648, 8-9=-1253/594, 9-10=0/35

BOT CHORD 2-15=-306/98, 14-15=-544/591, 13-14=-681/695, 12-13=0/602, 11-12=-68/673,

9-11=-360/1037

WEBS 3-15=-375/402, 4-15=-887/570, 4-14=-1637/1140, 4-13=-486/1166, 5-13=-410/271,

6-13=-329/343, 6-12=-362/361, 7-12=-441/372, 7-11=-333/476, 8-11=-339/338

JOINT STRESS INDEX

Continued on page 2

2 = 0.54, 3 = 0.33, 4 = 0.37, 5 = 0.33, 6 = 0.32, 7 = 0.39, 8 = 0.33, 9 = 0.69, 11 = 0.47, 12 = 0.39, 13 = 0.76, 14 = 0.78 and 15 = 0.47 October 10,2007

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

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



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL J1899180
L252570	T19	SPECIAL	1		Job Reference (optional)

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NOTES

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

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

3) Provide adequate drainage to prevent water ponding.

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

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

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 308 lb uplift at joint 2, 534 lb uplift at joint 14 and 241 lb uplift at joint 9.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
× ×					J189918
L252570	T20	SPECIAL	1	1	
					Job Reference (optional)

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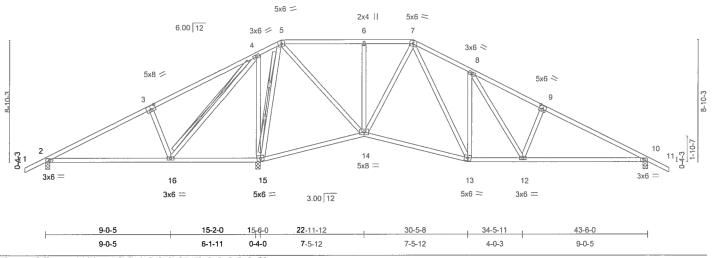


Plate Offsets (X,Y): [3:0-4-0,0-3-0], [9:0-3-0,0-3-0]

LOADING	(psf)	SPACING	2-0-0	CSI		DEFL	in	(ioc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	0.30	2-16	>618	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.34	Vert(TL)	-0.28	10-12	>999	240		
BCLL.	10.0	* Rep Stress Incr	YES	WB	0.77	Horz(TL)	0.02	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 257 lb	

LUMBER

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

BRACING

TOP CHORD **BOT CHORD**

WEBS

5-1-3 oc purlins.

Rigid ceiling directly applied or 6-0-0 oc

bracing.

T-Brace:

2 X 4 SYP No.3 -4-16, 5-15

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

Structural wood sheathing directly applied or

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=271/0-4-0, 15=1862/0-4-0, 10=810/0-4-0

Max Horz 2=127(load case 6)

Max Uplift 2=-286(load case 6), 15=-589(load case 6), 10=-242(load case 7) Max Grav 2=359(load case 10), 15=1862(load case 1), 10=849(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-219/320, 3-4=-76/358, 4-5=-208/644, 5-6=-345/148, 6-7=-345/148,

7-8=-816/551, 8-9=-1121/623, 9-10=-1271/570, 10-11=0/35

BOT CHORD 2-16=-259/124, 15-16=-577/672, 14-15=-412/630, 13-14=0/510, 12-13=-52/695,

10-12=-339/1053

3-16=-401/420, 4-16=-920/608, 4-15=-581/736, 5-15=-1137/476, 5-14=-388/925, **WEBS**

6-14=-295/197, 7-14=-368/386, 7-13=-493/496, 8-13=-510/437, 8-12=-326/468,

9-12=-331/331

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
(4)					J1899181
L252570	T20	SPECIAL	1	1	lab Defended ()
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:58 2007 Page 2

JOINT STRESS INDEX

2 = 0.56, 3 = 0.72, 4 = 0.39, 5 = 0.44, 6 = 0.33, 7 = 0.29, 8 = 0.39, 9 = 0.66, 10 = 0.70, 12 = 0.47, 13 = 0.39, 14 = 0.78, 15 = 0.78 and 16 = 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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 2, 589 lb uplift at joint 15 and 242 lb uplift at joint 10.

LOAD CASE(S) Standard

Julius Les Truss Coston Engineer Motola en No. 3-1999 1406 Cesstal Ray Alve Coynton Geson, 42 50+56



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899182
L252570	T21	HIP	1	1	
					Job Reference (optional)
Builders FirstSource, Lake City, FI 32055			300 s Feb 15 2006	MiTek Ir	ndustries, Inc. Tue Oct 09 15:20:59 2007 Page 1



WARNING: This truss is not symmetrical and must be installed as shown.

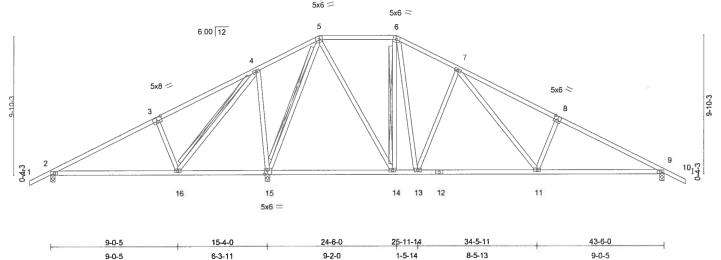


Plate Of	fsets (X,Y): [3:0-4-0,0-3-0], [8:	0-3-0,0-3-	0], [15:0)-2-8,0-3	-0]						
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	0.30	2-16	>603	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.25	2-16	>734	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.88	Horz(TL)	0.02	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)						Weight: 260 lb	

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

BRACING

BOT CHORD

TOP CHORD

5-1-2 oc purlins.

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

Structural wood sheathing directly applied or

WEBS

T-Brace:

2 X 4 SYP No.3 -4-16, 5-15, 6-14

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=339/0-4-0, 15=1746/0-4-0, 9=858/0-4-0

Max Horz 2=139(load case 6)

Max Uplift 2=-281(load case 6), 15=-655(load case 6), 9=-251(load case 7) Max Grav 2=415(load case 10), 15=1746(load case 1), 9=858(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-335/281, 3-4=-190/348, 4-5=-181/558, 5-6=-327/336, 6-7=-516/405,

7-8=-1158/690, 8-9=-1304/626, 9-10=0/35

BOT CHORD 2-16=-195/225, 15-16=-407/586, 14-15=-41/411, 13-14=0/335, 12-13=-25/602,

11-12=-25/602, 9-11=-392/1085

WEBS 3-16=-385/403, 4-16=-880/570, 4-15=-561/717, 5-15=-1196/669, 5-14=-414/727,

6-14=-542/398, 6-13=-400/517, 7-13=-544/460, 7-11=-382/575, 8-11=-369/373

Julius Les Truss Coston Endincer Holios File No. 3-1868 1466 Crastel File Sivil Bounton Gesch: El Sistos

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899182
L252570	T21	HIP	1	1	
					Job Reference (optional)

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JOINT STRESS INDEX

2 = 0.58, 3 = 0.67, 4 = 0.38, 5 = 0.34, 6 = 0.31, 7 = 0.45, 8 = 0.81, 9 = 0.66, 11 = 0.47, 12 = 0.24, 13 = 0.47, 14 = 0.57, 15 = 0.63 and 16 = 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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 3x6 MT20 unless otherwise indicated.
- 6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 281 lb uplift at joint 2, 655 lb uplift at joint 15 and 251 lb uplift at joint 9.

LOAD CASE(S) Standard

Julius Less Truse (Design Engineer Florida Pie No. 34866 Florida Cassial Pay Alva Goynton Geson, AL So496



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
1		<u>-</u>			J1899183
L252570	T22	HIP	1	1	Job Reference (optional)
Builders FirstSou	rce, Lake City, FI 🤅	32055	6.300 s Feb 15 2006	MiTek Ir	ndustries, Inc. Tue Oct 09 15:21:00 2007 Page 1

1-6-0 7-7-5 14-8-3 21-0-0 22-6-0 28-9-13 35-10-11 43-6-0 45-0-0

6-3-13

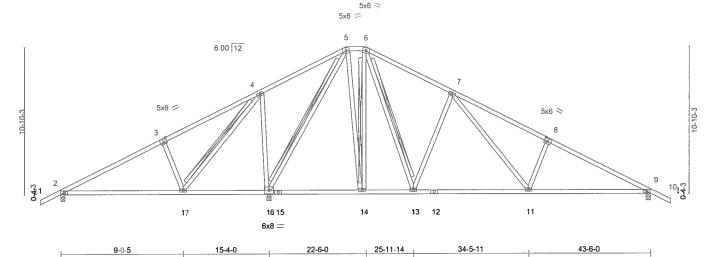
1-6-0

6-3-13

Scale = 1 81 9

1-6-0

7-7-5



[3:0-3-0,0-3-4], [8:0-3-0,0-3-0] Plate Offsets (X,Y): **PLATES GRIP** CSI **DEFL** 1/dLOADING (psf) SPACING 2-0-0 in (loc) I/defl TC 0.36 0.31 2-17 >590 360 MT20 244/190 1.25 Vert(LL) 20.0 TCLL Plates Increase BC 0.33 Vert(TL) -0.25 9-11 >999 240 7.0 1.25 **TCDL** Lumber Increase **BCLL** 10.0 Rep Stress Incr YES WB 0.97 Horz(TL) 0.02 n/a n/a Code FBC2004/TPI2002 Weight: 267 lb **BCDL** 5.0 (Matrix)

7-2-0

LUMBER

1-6-0

7-7-5

7-0-14

6-3-11

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

9-0-5

BRACING

3-5-14

TOP CHORD

WEBS

4-11-8 oc purlins.

7-0-14

BOT CHORD Rigid cei

Rigid ceiling directly applied or 6-0-0 oc

Structural wood sheathing directly applied or

bracing.

8-5-13

T-Brace:

2 X 4 SYP No.3 -4-17, 5-16, 6-14, 6-13

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

9-0-5

minimum end distance.

Brace must cover 90% of web length.

REACTIONS (lb/size) 2=362/0-4-0, 16=1707/0-4-0, 9=874/0-4-0

Max Horz 2=151(load case 6)

Max Uplift 2=-276(load case 6), 16=-625(load case 6), 9=-256(load case 7) Max Grav 2=427(load case 10), 16=1707(load case 1), 9=888(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-360/281, 3-4=-213/346, 4-5=-148/530, 5-6=-249/307, 6-7=-600/445,

7-8=-1218/702, 8-9=-1366/639, 9-10=0/35

BOT CHORD 2-17=-190/246, 16-17=-351/567, 15-16=0/326, 14-15=0/326, 13-14=0/278,

12-13=-48/670, 11-12=-48/670, 9-11=-403/1139

WEBS 3-17=-372/391, 4-17=-859/556, 4-16=-613/761, 5-16=-1178/653, 5-14=-331/658,

6-14=-601/366, 6-13=-459/628, 7-13=-582/507, 7-11=-368/559, 8-11=-357/363

Julius Les Trues Coston Choineer Planda Per No. 3-1860 1406 Cassisi Pay Plyn Severan Lesan, Fr. 20406

October 10,2007

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 BCS-1 or Hills-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	LIPSCOMB EAGLE - ALEXANDRA MODEL J1899183
L252570	T22	HIP	1	1	Job Reference (optional)

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JOINT STRESS INDEX

2 = 0.56, 3 = 0.71, 4 = 0.40, 5 = 0.49, 6 = 0.37, 7 = 0.45, 8 = 0.77, 9 = 0.69, 11 = 0.47, 12 = 0.25, 13 = 0.57, 14 = 0.44, 15 = 00.16, 16 = 0.23 and 17 = 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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

3) Provide adequate drainage to prevent water ponding.

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

5) All plates are 3x6 MT20 unless otherwise indicated.

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

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 276 lb uplift at joint 2, 625 lb uplift at joint 16 and 256 lb uplift at joint 9.

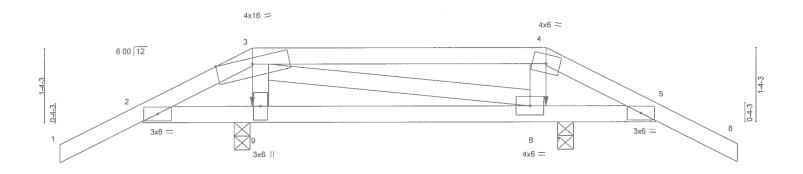
LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
19					J1899184
L252570	T23	HIP	1	1	
					Job Reference (optional)

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		1-8-0 2-0-0	8			7-4-0			7-10-0	9-4-0)	
		1-8-0 0-4-0				5-4-0			0-6-0	1-6-0)	
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	0.30	Vert(LL)	0.02	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.03	8-9	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.10	Horz(TL)	-0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2	2002	(Matr	ix)						Weight: 43 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 Ri

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

REACTIONS (lb/size) 9=426/0-3-8, 7=355/0-3-8

Max Horz 9=39(load case 5)

Max Uplift 9=-290(load case 5), 7=-259(load case 6)

Max Grav 9=461(load case 9), 7=403(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-213/264, 3-4=-109/144, 4-5=-123/155, 5-6=0/35

BOT CHORD 2-9=-192/238, 8-9=-244/227, 7-8=-106/165, 5-7=-106/165

WEBS 3-9=-411/202, 3-8=-224/277, 4-8=-276/98

JOINT STRESS INDEX

2 = 0.29, 3 = 0.80, 4 = 0.66, 5 = 0.10, 8 = 0.12 and 9 = 0.07

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 and right exposed; porch left and right 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
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 290 lb uplift at joint 9 and 259 lb uplift at joint 7.

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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	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899184
L252570	T23	HIP	1	1	
					Job Reference (optional)

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- 7) Girder carries hip end with 2-0-0 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

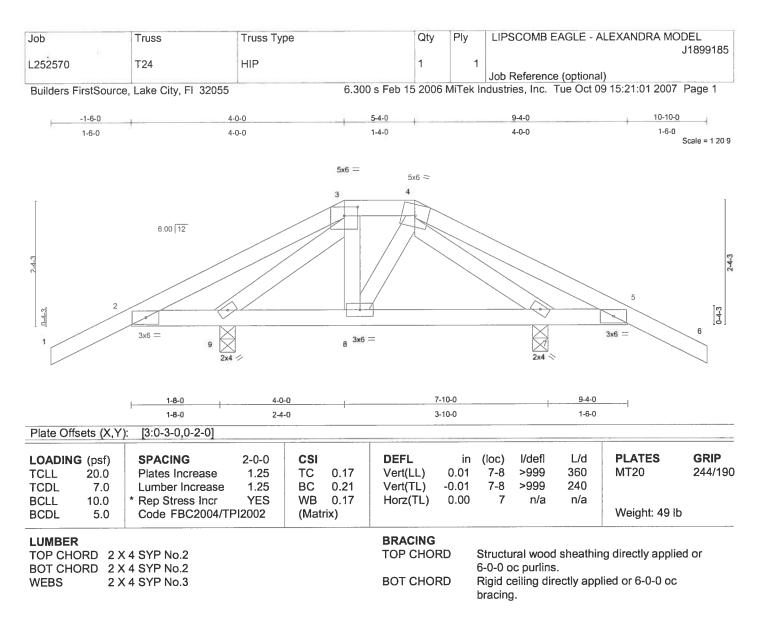
Uniform Loads (plf)

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

Concentrated Loads (lb)

Vert: 9=-11(F) 8=-11(F)





REACTIONS (lb/size) 9=391/0-3-8, 7=369/0-3-8

Max Horz 9=-50(load case 7)

Max Uplift 9=-279(load case 6), 7=-268(load case 7) Max Grav 9=397(load case 10), 7=381(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-470/397, 3-4=-69/157, 4-5=-397/377, 5-6=0/35

BOT CHORD 2-9=-313/539, 8-9=-38/65, 7-8=-10/62, 5-7=-296/474

WEBS 3-9=-476/667, 3-8=-95/57, 4-8=-63/34, 4-7=-459/544

JOINT STRESS INDEX

2 = 0.26, 3 = 0.29, 4 = 0.22, 5 = 0.28, 7 = 0.25, 8 = 0.04 and 9 = 0.31

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 and right exposed; 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.

Truse Chesign Engineer Florida Mis No. 34800 1400 Chesial Bay Blvd Woynton Weson, FL 55455

3) Provide adequate drainage to prevent water ponding.

Continued on page 2



Job	Truss	Truss Type	Qtv	Plv	LIPSCOMB EAGLE - ALEXANDRA MODEL
2				1	J1899185
L252570	T24	HIP	1	1	
					Job Reference (optional)

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NOTES

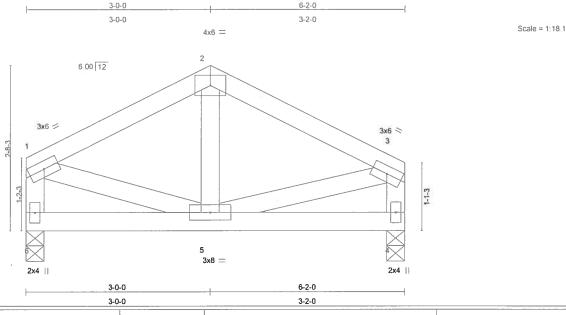
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 279 lb uplift at joint 9 and 268 lb uplift at joint 7.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
S 1					J1899186
L252570	T25	COMMON	3	1	
					Job Reference (optional)

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TCDL	20.0 7.0	SPACING Plates Increase Lumber Increase	2-0-0 1.25 1.25	TC BC	0.16 0.08	Vert(LL)	in 0.01 -0.00	(loc) 4-5 4-5	l/defl >999 >999	L/d 360 240	PLATES MT20	GRIP 244/190
BCLL	10.0	* Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 33 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.

REACTIONS (lb/size) 6=188/0-3-8, 4=188/0-3-8

Max Horz 6=-20(load case 4)

Max Uplift 6=-112(load case 6), 4=-112(load case 7)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-161/287, 2-3=-163/284, 1-6=-176/278, 3-4=-175/271

BOT CHORD 5-6=-17/20, 4-5=0/0

WEBS 2-5=-78/51, 1-5=-216/126, 3-5=-207/124

JOINT STRESS INDEX

1 = 0.16, 2 = 0.08, 3 = 0.15, 4 = 0.15, 5 = 0.11 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; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 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	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899186
L252570	T25	COMMON	3	1	
					Job Reference (optional)

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NOTES

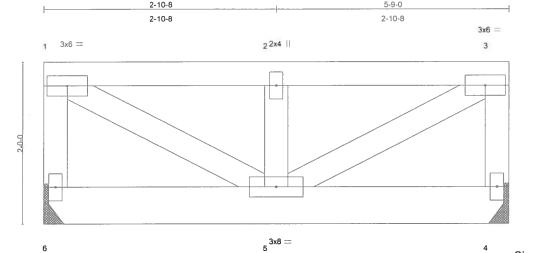
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 112 lb uplift at joint 6 and 112 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					J1899187
L252570	T26	SPECIAL	1	2	
					Job Reference (optional)

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Simpson HHUS26-2 2x4 || Simpson HHUS26-2

Scale = 1:13:7

				2-10-8	1		,		2-10-8			· · · · · · · · · · · · · · · · · · ·	
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	0.06	Vert(LL)	-0.00	5	>999	360	MT20	244/190
TCDL	7.0		Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.01	5	>999	240		
BCLL	10.0	*	Rep Stress Incr	NO	WB	0.11	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0		Code FBC2004/TF	P12002	(Mat	rix)						Weight: 71 lb	

LUMBER

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

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

TOP CHORD

Structural wood sheathing directly applied or 5-9-0

2x4 ||

oc purlins, except end verticals.

5-9-0

BOT CHORD

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

REACTIONS (lb/size) 6=650/Mechanical, 4=650/Mechanical Max Uplift 6=-180(load case 3), 4=-180(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

1-6=-455/135, 1-2=-602/166, 2-3=-602/166, 3-4=-455/135 TOP CHORD

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

WEBS 1-5=-193/700, 2-5=-276/106, 3-5=-193/700

JOINT STRESS INDEX

1 = 0.20, 2 = 0.05, 3 = 0.20, 4 = 0.08, 5 = 0.33 and 6 = 0.08

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 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 noted as (F) or (B), unless otherwise indicated.
- 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.

2-10-8

- 4) Provide adequate drainage to prevent water ponding.
- 5) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

October 10,2007

Continued on page 2

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

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with 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 BOSI-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	LIPSCOMB EAGLE - ALEXANDRA MODEL
			'		J1899187
L252570	T26	SPECIAL	1	2	
					Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Oct 10 10:13:06 2007 Page 2

NOTES

- 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 180 lb uplift at joint 6 and 180 lb uplift at joint 4.
- 8) Girder carries tie-in span(s): 10-3-0 from 0-0-0 to 5-9-0

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=1.25, Plate Increase=1.25 Uniform Loads (plf)

Vert: 1-3=-86(F=-32), 4-6=-152(F=-142)

Julius Lee Truss Coston Chomes Piotos PE No. 34888 1400 Chestel May Alvri Goynton teach, PL State



	,	Truss	Truss Type		Qty	Ply	LIPS	SCOMB E	AGLE - A	LEXANDRA MO	DEL J1899188
L252570		T27	SCISSOR		3		1	D-f	- (ontional	v.	
Builders I	FirstSource	, Lake City, FI 32055		6.300 s	s Feb 15 200	6 MiTek			e (optional Tue Oct 09) 9 15:21:03 2007	Page 1
1		7-9-12						15-7-8			4
		7-9-12		5x	e8 =			7-9-12			Scale = 1 27 7
04:3		6 00 12		4 5x	8 =					3	1-10-7
S	impson HT	TU26 3 00	1 12							3x6	₹
S	impson HT	TU26 3 00			1			15-7-8		3x6	
S	•	020	7 12					15-7-8 7-9-12		3x6	∄
S	G (psf) 20.0 7.0	7-9-12	2-0-0 CSI 1.25 TC 1.25 BC YES WB	0.43 0.42	DEFL Vert(LL) Vert(TL) Horz(TL)	in 0.13 -0.21 0.10	(loc) 1-4 1-4 3		L/d 360 240 n/a	PLATES MT20 Weight: 53 lb	GRIP 244/190

bracing.

REACTIONS (lb/size) 1=490/Mechanical, 3=490/0-4-0

Max Horz 1=51(load case 5)

Max Uplift 1=-107(load case 6), 3=-107(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=-1331/699, 2-3=-1331/699

BOT CHORD

1-4=-538/1157, 3-4=-538/1157

WEBS

2-4=-258/685

JOINT STRESS INDEX

1 = 0.71, 2 = 0.92, 3 = 0.71 and 4 = 0.88

NOTES

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

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

Julius Lee Trues Cesson Chamser Plance Perhal Sales 1 186 Chastel Rey Blon Coynton Weson, 12 104155

October 10,2007

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

This destiny 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 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	LIPSCOMB EAGLE - ALEXANDRA MODEL
L252570	T27	SCISSOR	3	1	J1899188
LLOZO. O	, 2,		Ĭ		Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:21:03 2007 Page 2

NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 107 lb uplift at joint 1 and 107 lb uplift at joint 3.

LOAD CASE(S) Standard



Job	Truss	Truss Typ	ре	Qty	Ply	LIPS	SCOMB E	AGLE - A	ALEXANDRA M	ODEL J1899189
_252570	T27G	GABLE		1	1					, 01000100
			0.000 - 5		N A 4777 - 1			e (optiona		7 D 4
Builders FirstSc	ource, Lake City, FI 3	2055	6.300 S F	-eb 15 2006	MITEK	industri	es, inc.	i ue Oct u	9 15:21:04 200	/ Page 1
	4-11-7		7-9-12	10-8	3-1			15-	7-8	
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	3x6 = 2 6 =	3.00 12 7-9-12 7-9-12			7,0-4-7]		15-7-8		3x6 = 4x6 =	[4]
3x6 = 4x	3x6 = 2 6 = X,Y): [1:0-3-13,0-0	3.00 12 7-9-12 7-9-12 0-5], [1:0-11-7,0-	5x8 -4-7], [7:0-3-13,0-0-5	5], [7:0-11-7			15-7-8 7-9-12	6	3x6 = 4x6 =	3x6 =
Plate Offsets (3x6 = 2 6 = X,Y): [1:0-3-13,0-0 f) SPACING	3.00 12 7-9-12 7-9-12 0-5], [1:0-11-7,0-2-0-0	-4-7], [7:0-3-13,0-0-5	5], [7:0-11-7 D EFL	in	(loc)	15-7-8 7-9-12	L/d	3x6 = 4x6 = PLATES	3x6 =
Plate Offsets (OADING (ps CLL 20.	3x6 = 2 X,Y): [1:0-3-13,0-0 f) SPACING 0 Plates Increa	3.00 12 7.9-12 7.9-12 0-5], [1:0-11-7,0-12 2-0-0 ise 1.25	5x8 4-7], [7:0-3-13,0-0-5 CSI TC 0.62	5], [7:0-11-7 DEFL Vert(LL)	in 0.23		15-7-8 7-9-12	6	3x6 = 4x6 =	3x6 =
Plate Offsets (3x6 = 2 X,Y): [1:0-3-13,0-0 f) SPACING O Plates Increa Lumber Incre	3.00 12 7-9-12 7-9-12 2-0-0 ise 1.25 pase 1.25	-4-7], [7:0-3-13,0-0-5 CSI I TC 0.62 N BC 0.65 N	5], [7:0-11-7 D EFL	in	(loc) 8	15-7-8 7-9-12 I/defl >790	L/d 360	3x6 = 4x6 = PLATES	3x6 =

BRACING

TOP CHORD

BOT CHORD

REACTIONS (lb/size) 1=744/0-3-8, 7=744/0-3-8

2 X 4 SYP No.3

2 X 4 SYP No.3

Max Horz 1=53(load case 5)

Max Uplift 1=-336(load case 6), 7=-336(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-2790/1626, 2-3=-2714/1613, 3-4=-1946/1052, 4-5=-1946/1052,

5-6=-2714/1613, 6-7=-2790/1626

BOT CHORD 1-8=-1464/2568, 7-8=-1464/2568

4-8=-733/1411, 3-8=-797/633, 5-8=-797/633 WEBS

JOINT STRESS INDEX

1 = 0.69, 1 = 0.58, 2 = 0.00, 2 = 0.38, 2 = 0.79, 3 = 0.13, 4 = 0.66, 5 = 0.13, 6 = 0.00, 6 = 0.79, 6 = 0.38, 7 = 0.69, 7 = 0.58, 8= 0.79, 9 = 0.00, 10 = 0.00, 11 = 0.00, 12 = 0.00, 13 = 0.00, 14 = 0.00, 15 = 0.00, 16 = 0.00, 17 = 0.00 and 18 = 0.00

LUMBER

WEBS

OTHERS

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp 150 Constant Part Policy Constant Part P 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 Contregities n page 2

Structural wood sheathing directly applied or

Rigid ceiling directly applied or 5-1-6 oc

3-1-2 oc purlins.

bracing.

October 10,2007

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L252570 T27G GABLE 1 1	LEXANDRA MODEL
L252570 127G GABLE 1 1	J1899189
Job Reference (optional)	

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NOTES

- 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 2x4 MT20 unless otherwise indicated.
- 6) Gable studs spaced at 1-4-0 oc.
- 7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 8) Bearing at joint(s) 1, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 336 lb uplift at joint 1 and 336 lb uplift at joint 7.
- 10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Vert: 1-4=-87(F=-33), 4-7=-87(F=-33), 1-8=-10, 7-8=-10

Julius Les Truss Clesion Endinger Florida Fill No. 3-1968 Florida Mason, FL Suras Governor Mason, FL Suras

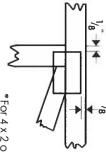


Symbols

PLATE LOCATION AND ORIENTATION



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



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



*This symbol indicates the connector plates required direction of slots in

PLATE SIZE

4 × 4

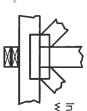
to slots. dimension is the length paralle perpendicular to slots. Second The first dimension is the width

LATERAL BRACING



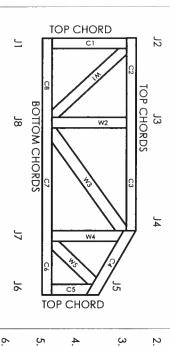
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

ICBO

BOCA

3907, 4922 96-31, 96-67

SBCCI

9667, 9432A

WISC/DILHR

960022-W, 970036-N

561

NER





MiTek Engineering Reference Sheet: MII-7473

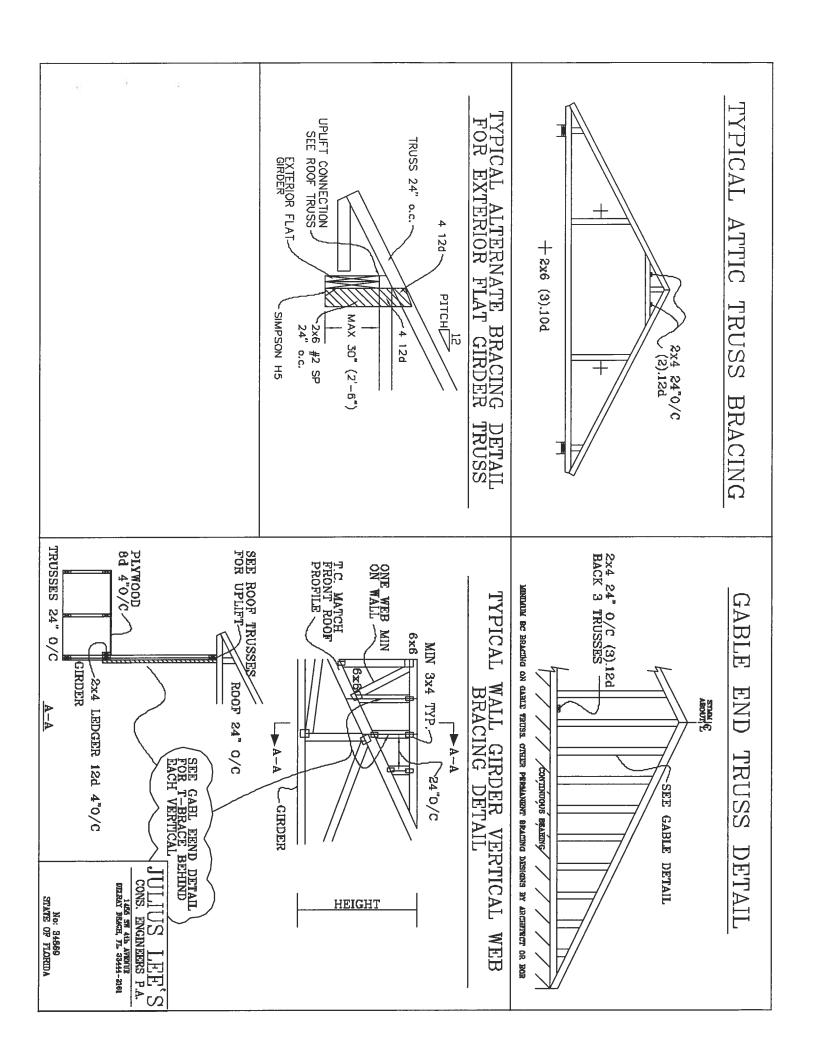
General Safety Notes

Failure to Follow Could Cause Property

- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties. Damage or Personal Injury
- 2 Cut members to bear tightly against each
- 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.)
- 6 Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- 7. Unless expressly noted, this design is not applicable for use with fire retardant or is the responsibility of truss fabricator. General practice is to camber for dead load deflection Camber is a non-structural consideration and preservative treated lumber.
- œ shown indicate minimum plating requirements Plate type, size and location dimensions
- % Lumber shall be of the species and size, and grade specified. in all respects, equal to or better than the
- Top chords must be sheathed or purlins provided at spacing shown on design.
- 11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed unless otherwise noted.
- 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.
- Do not cut or alter truss member or plate without prior approval of a professional
- Care should be exercised in handling erection and installation of trusses.
- © 1993 MiTek® Holdings, Inc.

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	AL HEALTH TOR SAG; H IND. MAX WEB LENGTH IS 14. VERTICAL LENGTE SHOWN IN TABLE ABOVE. IN TABL	1 UF L HEACE OPTION: LEARCH DIAGONAL IS WEED, CONNECT ONNECT		SP HF	SP	NG BIES
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DATE DRWG -ENG -ENG 24.0"	GABLE VERTICAL PLATE SIZES VERTICAL LENGTH NO SPLOS LESS THAN 4 D B IX OR SES GREATER THAN 11 B EXA HESTER TO COMMON TRUES DESIGN FOR FERAL SPLOE, AND MEET PLATES. REF ASCRIT-02-CAB13015	CONTUNIOUS ERABNG (6 PEP WO DEAD IDAD). GABLE END SUPPORTS DAND FROM 4: 0* OUTLINGUESS WITH E O* DYFREANC, DW 12* PUTWOOD OVERHANG. ATLACE EACH "L" ERACE WITH 104 NAILS. * FOR (1) "L" ERACE; EPACE NAILS AF E" D.C. DY 18" END ZONES AND 4" D.C. HETWEN ZONES. * FOR (2) "L" BRACES; EFACE NAILS AI 3" D.C. DY 18" END ZONES AND 4" D.C. HETWEN ZONES. * FOR (3) "L" BRACES; EFACE NAILS AI 3" D.C. DY 18" END ZONES AND 4" D.C. HETWEN ZONES. * FOR (3) "L" BRACES; EFACE NAILS AI 3" D.C. DY 18" END ZONES AND 4" D.C. HETWEN ZONES.	CABLE TRUSS DETAIL NOTES: LIVE LOAD DEPLECTION CHITERA IS L/RAG. PROVIDE UPLAT CONNECTIONS FOR 186 FLF OF	GROUP HEALPH HEA	SPRUCE-PUNI-YR 41 / 42 STANDAED POUGLAS FIR-LARCH 42 43 57ANDAED SVANDAED	EXPOSURE C BRACING GROUP SPECIES AND GRADES: GROUP A:
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TOT. LD. 60 PSF SPACING 24.0"	REF ASCEY-02-GAB13030 DATE 11/26/03 DWG anner so e et e et e	BEACING GROUP SIPECIES AND GRADES: STATEMENT PINE BEACING GROUP SIPECIES AND GRADES: GROUP A: SPECIA-PINE-PINE AZ STANDARD DO GROUP BE AZ STA



BOT CHORD CHORD WEBS 2X4 2X4 2X4 ដល់ ដ 经路路 BETTER BETTER BETTER

PIGGYBACK DETAIL

TYPE

SINAGE

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REFER TO SEALED DESIGN FOR DASHED PLATES

TOP AND BOTTOM CHORD SPINCES MUST BE STAGGERED SO THAT ONE SPINCE IS NOT DIRECTLY OVER ANOTHER. SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

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 PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY HE APPLIED HENEATH THE TOP CHORD OF SUPPORTING TRUSS.

REFER TO BUCINEER'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, CLOSED BILDG, LOCATED ANYWHERE IN ROOF, 1 MI FROM COAST CAT I, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

110 MPH WIND, 30' MBAN HGT, FEG ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TO DL-6 PSF, WIND BC DL-6 PSF

FRONT FACE (B,*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.

130 MPH WIND, 30° MEAN BGT, ASCE 7-02, BLDG, LOCATED ANYWHERE IN ROOF, CAT II, WIND TO DL=6 PSF WIND BC DL=6 PSF CLOSED CLOSED

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ВХВ

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84 5X4

DR SX6 TRULOX AT 4'
ROTATED VERTICALLY

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C

EX.

1.5X4

1.5X4

1.5X4

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4X8

5X6

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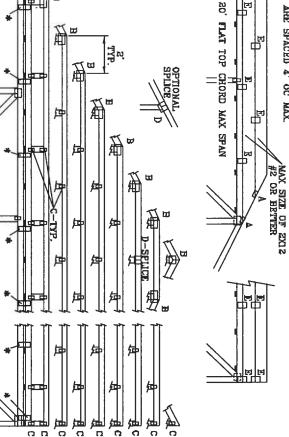
BX6

2X4

2.5X4

2.6X4

335



LOCATION IS
ACCEPTABLE

¥¥ ∇

*ATTACH PIGGYBACK WITH 3X6 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

ENCAPANISMS TRUCKESS REQUIRE CYTEDSE (FARE IN FARRICATING, HANDLING, SHIPPING, DRITALLING AND BACING, REFER TO EXCL FOR QUILLING COMPRISH (SAFETY MEDIAMITIN), PURE ISHED BY THE ITRUCK PLATE INCITIUSE, 282 OTHORIO IN, SUITE 280, MAISSIN, VI. 33739 AND YELA CYCID TRUCK COLINCIA OF APRICA, 6500 OFFERPRISE IN, MAISSIN, VI. 33739 FIRE SAFETY PROCTICES PRIER TO PERFERMING THE SAFETY MEDIAMICALLING CONTRIBUTION OF ORDER OF THE CAPITAL AVEL PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGHD CELLING.

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10' TO 14'	7'9" TO 10'	γ' θ "	ENGTH	
2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d NAILS AT 4° OC.	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER. OR HETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d NAILS AT 4" OC.	NO BRACING	B REQUIRED BRACING	WEB BRACING CHART

	0	\bigcirc	ATTACH PABRICA (4) 0.12 PIGGYBA SPACE 4	
		\bigcirc	TEETH TION X 1 CK SP OC C	
			ATTACH TEETH TO THE PABRICATION. ATTACH (4) 0.120° X 1.375" NA 1916GYBACK SPECIAL PIPEGYBACK 4° OC OR 1255.	* PIG
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STATE OF FLORIDA	:		manner armental and try and makes	1450 SW 4th AVENUE	NS. ENGINEERS P.A.		THIS DRAWIN
SPACING 24.0"	47 PSF AT 1.15 DUR. FAC.	L.ZD DUK. FAC.	50 PSF AT	1.33 DUR. FAC.	55 PSF AT	MAX LOADING	G KEPLACES DRAWINGS
			-ENG JL	DRWGMITEK STD PIGGY	DATE 09/12/07	REF PIGGYBACK	THIS DRAWING REPLACES DRAWINGS 634,016 634,017 & 647,043

VALLEYTRUSS DETAIL

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

- 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).
- * ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENC BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF. FBC 2004 110 MPH, ASCE 7-02 110 MPH WIND ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR OR (3) 16d FOR ENCLOSED

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

MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0"

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

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 HENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

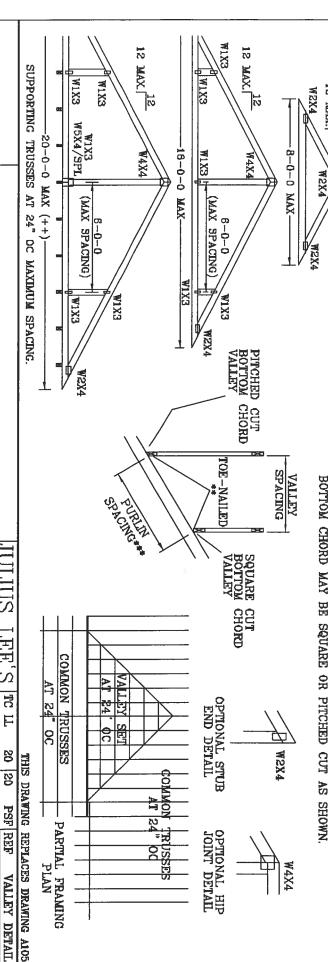
CUT FROM 2X6 OR LARGER AS REQ'D

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



THIS DRAWING REPLACES DRAWING A105

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			THESS FUNCTIONS. UNLESS OTHERWISE DIGICATED, TOP CHIRD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHICAGO SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.	eraldas, refer to exist — to godinoma component sament decompandian, politikad by the (trans- Plane decitivie, eeo dodofreid de, suote eda, madicon, v.), sojoja and vida kvidid truss colingii. Of america, acid dvitemense un, nadicon, v. (1537) as for safety practices podir to performa	DEVARBINGON TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SKIPPING, INSTALLING AND	
THE PERSON NAMED IN COLUMN 1	No. SARRO			DELEAT HEACH, IL SSA44-SICI	CONS. ENGINEERS P.A.	IUI,IUS LEE'S ICE
	DUR	TOT	BC II	BC	TC DL	TC
i	UR.FAC. 1.25	TOT. LD. 32	F	BC DL	Œ	F
		32	0	5	~z	20
	1.25	40	0	Ç	15	S
		PSF	PSF	PSF	PSF	PSF
			PSF -ENG JL	DRWG V	PSF DATE	PSF REF
			JL.	VALTRUSS1103	11/26/03	VALLEY DETAIL

STATE OF FLORIDA

SPACING

ช 4.

TOE-NAIL DETAIL

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

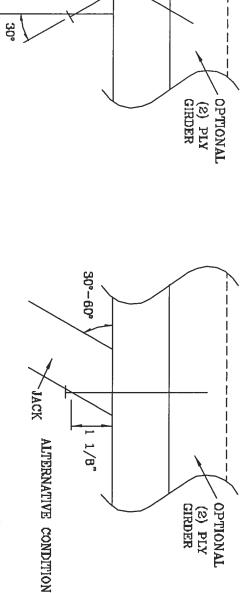
PER ANSI/AF&PA NDS-2001 SECTION 12.4.1 — EDGE DISTANCE, END DISTANCE, SPACING: "EDGE DISTANCES, END DISTANCES AND SPACINGS FOR NAILS AND SPIKES SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD."

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

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

MUNIXAM
VEKTICAL
EXITCAL RESISTANCE OF 16d (0.162 X3.5)
CF 16d
(0.162 X3.5
COMMON
COMMON TOE-NAILS

NUMBER OF		SOUTHERN PINE	DOUGLAS	DOUGLAS FIR-LARCH		HEM-FIR	SPRUCE	SPRUCE PINE FIR
TOE-NAILS	1 PLY	2 PLIES 1 PLY		2 PLIES	1 P LY	1 PLY 2 PLIES	1 PLY	2 PLIES
N	197#	256#	181#	234#	156#	203#	154#	199#
ယ	296#	383#	271#	351#	234#	304#	230#	298#
4	394#	511#	361#	468#	312#	406#	307#	397#
5	493#	639#	452#	585#	390#	507#	384#	496#
ALL VALUE	ES MAY BI	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

	BACONG. RETER TO BEST 1-03 CHURDEN CARE IN FARRICATING, HANDLING, SHEPPINE, INSTALLING AND BRACONG. RETER TO BEST 1-03 CHURDING CHIPDENT SAFETY (HTDWATDRO, PUBLISHED BY TPI CRUSS PLATE INSTITUTE, 583 PINCIPED IM, SUITE 201, HANDLIN, VI. 32719) AND VICA (HADD TRUSS EDLACID OF ANIETICA, SADE RITERPRISE IN, MONISTRY, VI. 32739) FOR SAFETY PRACTICES PRIZE TO PERFORMING THESE CHURTIDAS. UNICESS OTHERWISE INDICATED, TOP CHIRD SHALL HAVE PROPERLY ATTACHED RIGID CHURG STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE A PRIPERLY ATTACHED RIGID CHURG STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE A PRIPERLY ATTACHED RIGID CHURG.								
STATE OF FLORIDA	No: 34889			1488 SV 4th AVENUE Delikay beach, ph. 83444—2161	NGIN	S, HH'I SOI'INI			
SPACING	DUR. FAC.	TOT. LD.	BC LL	BC DL	TC DL	TC LL			
	1.00	PSF	PSF	PSF	PSF	PSF			
			-ENG JL	DRWG	DATE	REF			
			Л	CNTONAIL1103	DATE 09/12/07	REF TOE-NAIL			

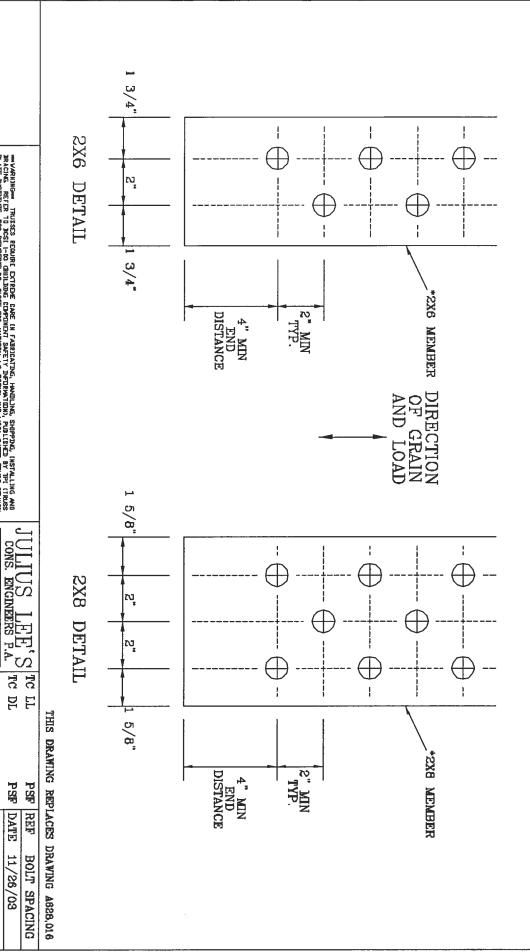
DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN

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 PATTERNS SHOWN BELOW. BOLT APPLIED

WASHERS REQUIRED UNDER BOLT HEAD AND NUT



WARHING TRUSSES REQUIRE EXTREME (IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRAINE REFER TO DOSI 1-DO GINILING EDPRINCIN SHEETY THEREWIGHN, PUBLISHED BY THE (TRUSS PLANE INSTITUTE, 580 CHORPED BK, SUITE RM, MUSISIN, V. 1.3379) AND WICH A VEIDE TRUSS COLUNCIUS FARECA, 6300 ENTERPRISE LM, MADISON, VI. 13793 FIR SAFETY PRACTICES PRINE TO PERFERONGE THESE TRUSTORS, UNLESS OFFICENCY AND BROKETE, THE DOROG SHALL HAVE PROFIRELY ATTACHED STRUCTURAL PARELS AND BUTTOM CHIDD SHALL HAVE A PROPERLY ATTACHED RUDO CELLING.

C CONS.

TC DL

DELRAY BEACE, FL 33444-2161

BC LL BC DL

TOT.

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DATE

11/26/03

No: 34869 STATE OF FLORIDA

SPACING DUR. FAC

TRULOX CONNECTION

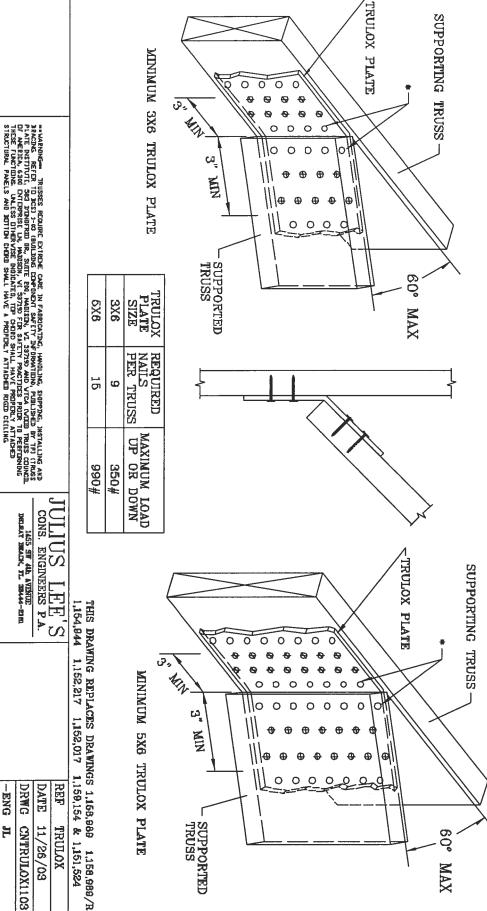
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (\(\phi \)).

NAILS MAY BE OMITTED FROM THESE ROWS.

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

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

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

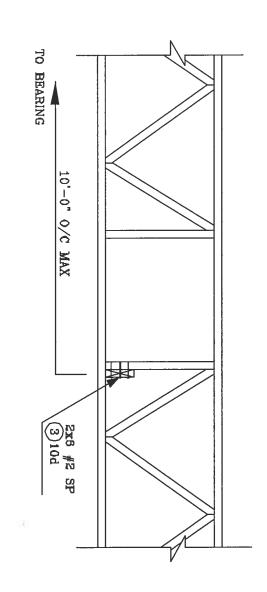


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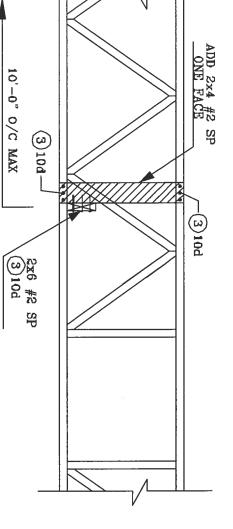
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STRONG BACK DETAIL SYSTEM-42 OR FLAT TRUSS



ALTERNATE DETAIL FOR STRONG BACK WITH VERTICAL NOT LINING UP



JULIUS LEE'S CONS. ENGINEERS P.A.

No: 34869 STATE OF FLORIDA TO BEARING