

Project Information for:

Builder:

Lipscomb Eagle

Lot: Subdivision:

Unknown Preserve

County:

Columbia

Truss Count:

43

Building Code:

Design Program: MiTek 20/20 6.3 FBC2004/TPI2002

Gravity:

Truss Design Load Information: Wind:

Roof (psf): 42.0

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

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:

25

26

27

J1899171

J1899172

J1899173

J1899174

T10

T11

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.

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

No.	U	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			1.2.0	10/10/07
17	J1899163	T02	10/10/07	1			
18	J1899164	T03	10/10/07	Ti .			
19	J1899165	T04	10/10/07	1			
20	J1899166	T05	10/10/07				
21	J1899167	T06	10/10/07	1			
22	J1899168	T07	10/10/07	1			
23	J1899169	T08	10/10/07	1			
24	J1899170	T09	10/10/07	1			
				4			

10/10/07

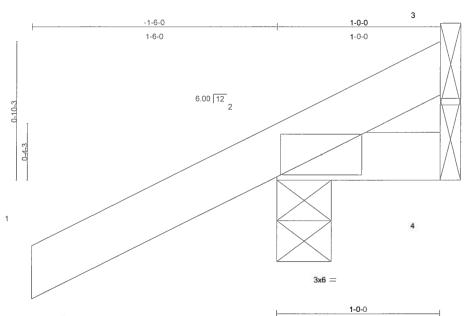
10/10/07

10/10/07

10/10/07

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

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LOADING	VI /	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/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	0.01	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	PI2002	(Matr	ix)						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.

1-0-0

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 (lb) - 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

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 193 lb upliff at joint 2, 9 lb uplift at joint 4 and 41 lb uplift at joint 3.

LOAD CASE(S) Standard

October 10,2007

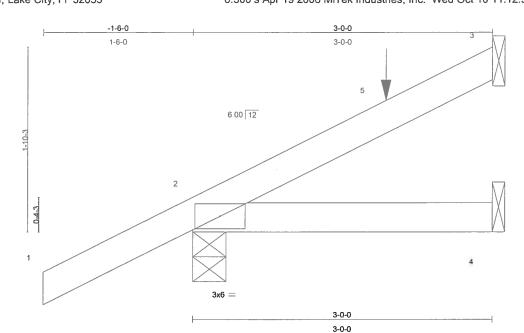
Scale = 1.6.8

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 occie. 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







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	0.20	Vert(LL)	0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/	TPI2002	(Mat	rix)						Weight: 12 lb	

LUMBER

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

Structural wood sheathing directly applied or 3-0-0

oc purlins. **BOT CHORD**

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

REACTIONS (lb/size) 3=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 (Ib) - 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 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 69 lb uplift at joint 3, 204 lb uplift at joint 2 and 26 lb uplift at joint 4.

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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
1.050570	CI3	IAOK			J1899148
L252570	CJ3	JACK	8	1	Job Reference (optional)
Builders FirstSource,	Lake City, FI 32055	6.300 s Apr 19	2006 M	iTek Ind	ustries, Inc. Wed Oct 10 11:12:56 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).

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)

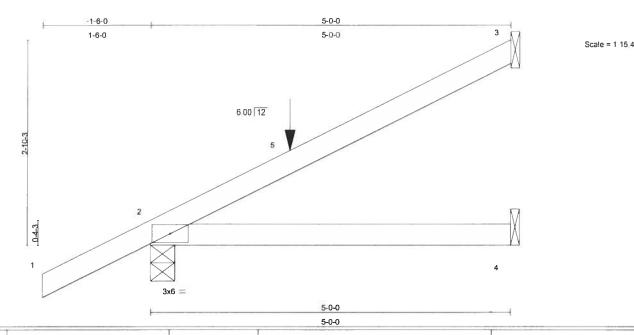
Vert: 1-3=-54, 2-4=-10 Concentrated Loads (lb) Vert: 5=-55(F)

> Julius Les Trues Costan Engineer Plotas PE No. 3-1969 1406 Cossiel Bay Stor





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LOADING (ps	sf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.	.0	Plates Increase	1.25	TC	0.43	Vert(LL)	0.09	2-4	>672	360	MT20	244/190
TCDL 7.	.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.05	2-4	>999	240		
BCLL 10.	.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5	5.0	Code FBC2004/TF	212002	(Matr	ix)						Weight: 18 lb	

LUMBER

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

Structural wood sheathing directly applied or 5-0-0

oc purlins. **BOT CHORD**

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

REACTIONS (lb/size) 3=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 (lb) - Maximum Compression/Maximum Tension

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

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
- 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 upliff 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 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 Handhing 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
, ,				1	J1899149
L252570	CJ5	JACK	8	1	
					Job Reference (optional)

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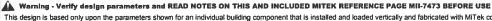
NOTES

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

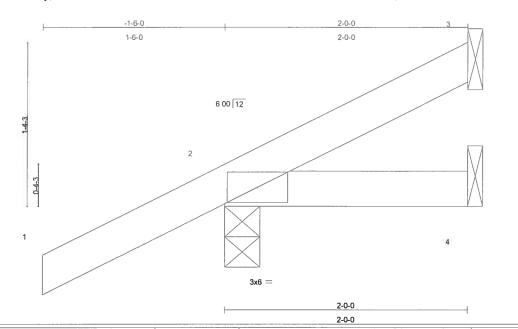
1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf) Vert: 1-3=-54, 2-4=-10 Concentrated Loads (lb) Vert: 5=-55(F)





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

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LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	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	P12002	(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

- 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 171 Ib uplift at joint 2, 19 lb uplift at joint 4 and 19 lb uplift at joint 3. Continued on page 2

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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)

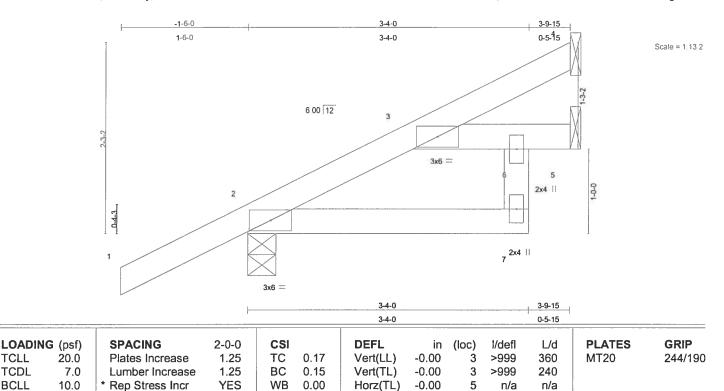
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LOAD CASE(S) Standard



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

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LUMBER

TCLL

TCDL

BCLL

BCDL

TOP CHORD 2 X 4 SYP No.2

5.0

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: 18 lb

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

(Matrix)

Max Horz 2=134(load case 6)

Code FBC2004/TPI2002

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

- 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 40 lb uplift at joint 4, 151 lb uplift at joint 2 and 10 lb uplift at joint 5. Continued on page 2

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

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

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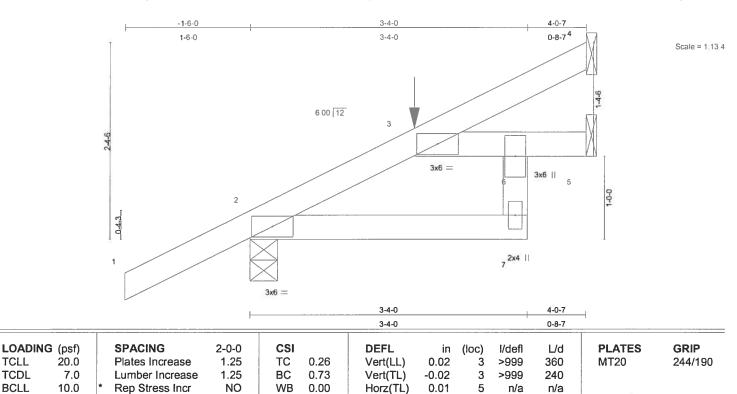
LOAD CASE(S) Standard

Julius Les Trues Coeign Engineer Plottes Pie No. 3-1888 1100 Cassial Pay Hivi



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
3					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

5.0

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 4-0-7

Weight: 19 lb

oc purlins.

BOT CHORD

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

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

Code FBC2004/TPI2002

Max Horz 2=139(load case 6)

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

(Matrix)

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
- 3) All bearings are assumed to be 517 No.2 Grushing capacity of costs 2.

 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 51 lb uplift at the capable o 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).



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
y C					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)

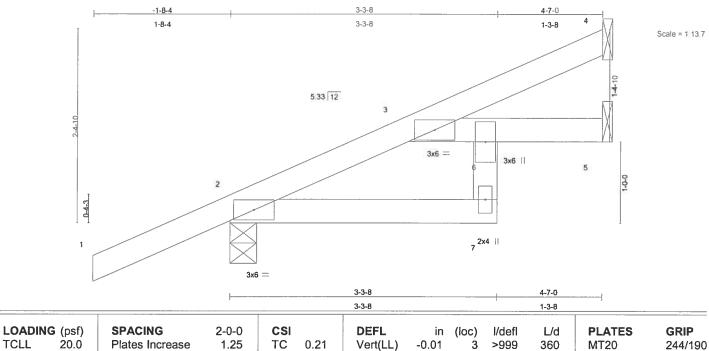
Vert: 1-2=-54, 2-3=-82(F=-28), 3-4=-54, 2-7=-10, 3-6=-10, 5-6=-10

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



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
1.050570	E 14 A	CDECIAL	2		J1899153
L252570	EJ4A	SPECIAL	2	1	Job Reference (optional)

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TCLL TCDL 7.0 Lumber Increase 1.25 BC 0.25 Vert(TL) -0.017 >999 240 * Rep Stress Incr **BCLL** WB 0.00 10.0 YES Horz(TL) 0.01 5 n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 20 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

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

- 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 49 lb uplift at joint 4, 174 lb uplift at joint 2 and 13 lb uplift at joint 5. Continued on page 2

Julius Les Truss Closion Chomesr Florida ma No. 31865 1100 Chastal Ray Blod Booton Boach in Chara

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
					J1899153
L252570	EJ4A	SPECIAL	2	1	
					Job Reference (optional)

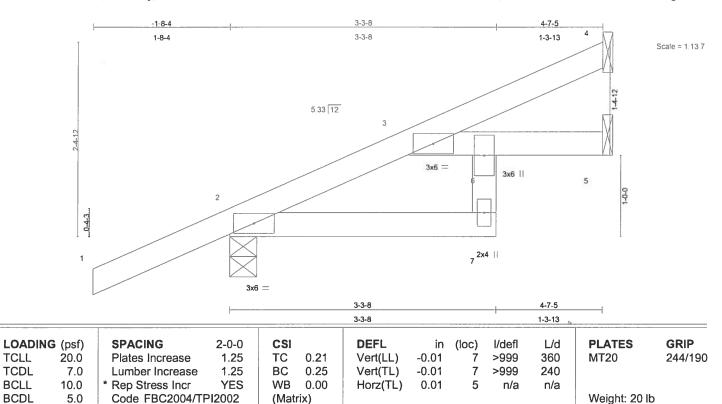
6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:32 2007 Page 2

LOAD CASE(S) Standard



[Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
1	1.050570	EMB	CDECIAL	_		J1899154
	L252570	EJ4B	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

4-7-5 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

Max Horz 2=141(load case 6)

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

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

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.
- 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

aulium Lees Truss Coston Choinear Ploilea Per No. 3-1908 1450 Chambel Bay Alvid Boyllon Wasch, FL 20405

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
100					J1899154
L252570	EJ4B	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
4					J1899155
L252570	EJ7	MONO TRUSS	13	1	Joh Reference (ontional)
1					Job Reference (optional)
Builders FirstSource, Lake City, Fl 32055			s Apr 19 2006 M	iTek Ind	lustries, Inc. Wed Oct 10 10:00:05 2007 Page 1

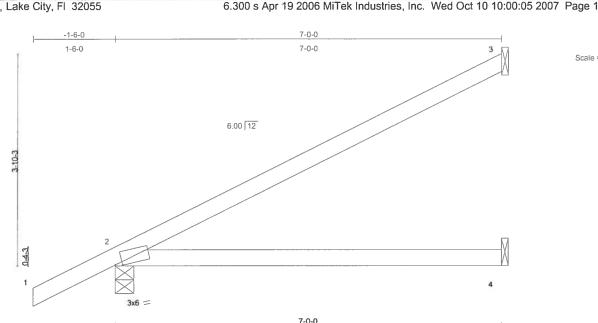


Plate Of	fsets (X,Y)	: [2:0-1-9,0-0-7]		,			- A- 11-				T	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	i/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	0.35	2-4	>232	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.48	Vert(TL)	-0.17	2-4	>488	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/T	PI2002	(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 **BOT CHORD**

7-0-0

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

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

NOTES

2 = 0.67

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

October 10,2007

Scale = 1 20 2

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October 10,2007



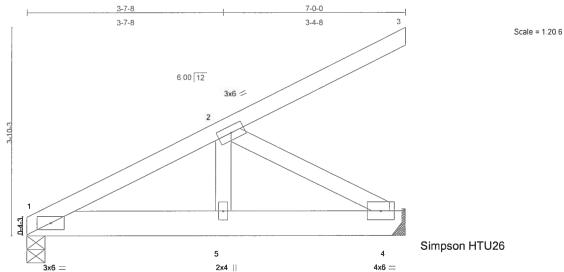
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
197					J1899156
L252570	EJ7A	MONO TRUSS	1	2	
				4	Job Reference (optional)

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WARNING: This truss has not been designed to resist being "pushed or pulled" out of plane by the horizontal movement of the T27 trusses. A bracing system may be required to prevent this out of plane buckling and must be designed by the Engineer/Architect of Record. 7-0-0

	3-7-8											
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	0.32	Vert(LL)	-0.01	5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.13	Vert(TL)	-0.01	1-5	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.13	Horz(TL)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 70 lb	

LUMBER

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

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

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) 1=907/0-4-0, 4=923/Mechanical

Max Horz 1=111(load case 4)

Max Uplift 1=-221(load case 5), 4=-308(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-1210/308, 2-3=-82/0 **BOT CHORD** 1-5=-398/1088, 4-5=-398/1088 **WEBS** 2-5=-205/783, 2-4=-1254/459

JOINT STRESS INDEX

1 = 0.43, 2 = 0.28, 4 = 0.17 and 5 = 0.28

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) 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



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
					J1899156
L252570	EJ7A	MONO TRUSS	1	2	
					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 221 lb uplift at joint 1 and 308 lb uplift at joint 4.
- 7) Girder carries tie-in span(s): 15-7-8 from 0-0-0 to 7-0-0

LOAD CASE(S) Standard

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

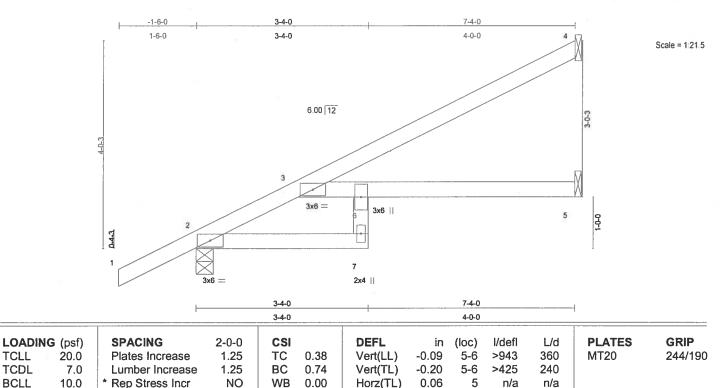
Vert: 1-3=-54, 1-4=-223(F=-213)

Julius Lee Trues Cosian Engineer Plonica PE No. 2-1968 1406 Crastal Ray Riva Governa Gesch. H. 20430



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
0					J1899157
L252570	EJ7B	SPECIAL	1	1	
					Job Reference (optional)

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LUMBER

TCLL

TCDL

BCLL

BCDL

TOP CHORD 2 X 4 SYP No.2

5.0

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

6-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

Weight: 29 lb

bracina.

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

Code FBC2004/TPI2002

Max Horz 2=154(load case 5)

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

(Matrix)

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

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-329/0, 3-4=-53/50

BOT CHORD 2-7=-81/240, 6-7=0/62, 3-6=-240/81, 5-6=0/0

JOINT STRESS INDEX

2 = 0.19, 3 = 0.38, 6 = 0.72 and 7 = 0.61

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) *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 73 lb uplift at joint 4, 108 lb uplift at joint 2 and 7 lb uplift at joint 5.

LOAD CASE(S) Standard

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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Julius Lee Truss Coston Engineer Florida Pe Pio. 34866 1106 Chastal Bay Blod Goynton Geedn, FL 20426

October 10,2007

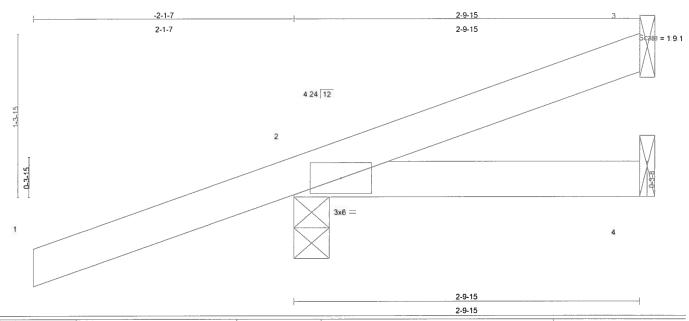
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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
•					J1899158
L252570	HJ2	JACK	2	1	
					Job Reference (optional)

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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	0.30	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.00	2-4	>999	240		
BCLL 10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TI	212002	(Mat	rix)						Weight: 12 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

2-9-15 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.

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Continued on page 2



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
, ,					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)

Julius Les Trues Coston Chotheer Floride Pa No. 34808 1480 Chestel Bay Blod



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

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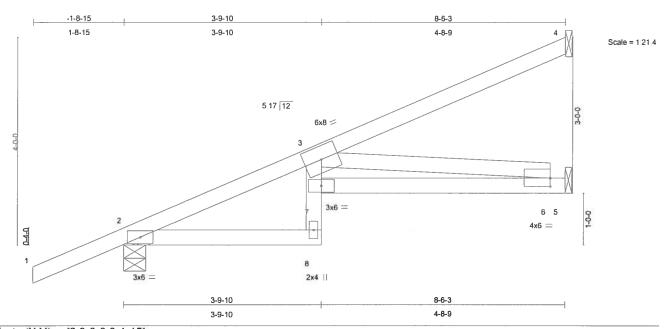


Plate Of	fsets (X,Y	'): [6:0-0-0,0-1-15]										
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defi	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	0.07	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.93	Vert(TL)	-0.11	6-7	>893	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.41	Horz(TL)	0.05	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(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

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: 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
- 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 Colling to a higher 2158 lb uplift at joint 2 and 67 lb uplift at joint 5.

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
					J1899159
L252570	HJ8	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

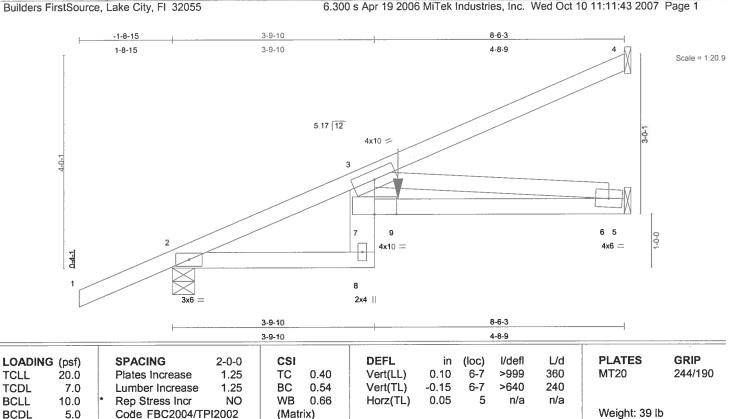
Trapezoidal Loads (plf)

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=0)

Julium Leem Tries Coston Engineer Pictos Pik Pic admos 1400 Cosmis Piny Mich



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



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

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

TOP CHORD

BOT CHORD

BRACING

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

oc purlins.

Structural wood sheathing directly applied or 6-0-0

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

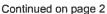
JOINT STRESS INDEX

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.
- 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 182 lb uplift at joint 4, 202 lb uplift at joint 2 and 106 lb uplift at joint 5.

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)

6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Oct 10 11:11:43 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

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 Trise Coston Engineer Postos Peston 3-1888 1406 Grestal Bay Stra





Builders FirstSource, Lake City, FI 32055 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Oct 10 11:15:25 2007 Page 1 9-10-13 -2-1-7 5-0-13 4-10-0 2-1-7 5-0-13 Scale \$ 1 20 1 4 24 12 3x6 = 0-3-14 3x6 = 2x4 || 5-0-13 9-10-13 5-0-13 4-10-0 **PLATES GRIP** LOADING (psf) SPACING 2-0-0 CSI **DEFL** (loc) I/defl L/d Vert(LL) 0.04 6-7 >999 360 MT20 244/190 1.25 TC 0.51 20.0 Plates Increase TCLL 7.0 1.25 BC 0.42 Vert(TL) -0.09 6-7 >999 240 TCDL Lumber Increase **BCLL** 10.0 Rep Stress Incr NO WB 0.37 Horz(TL) 0.01 5 n/a n/a Weight: 43 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 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 (lb) - Maximum Compression/Maximum Tension

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

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

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

JOINT STRESS INDEX

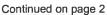
2 = 0.38, 3 = 0.24, 6 = 0.24 and 7 = 0.16

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
- 3) All bearings are assumed to be STE NO.2 Grashing capacity of 355.55 pc.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 195 lb uplift at the state of 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



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
					J1899161
L252570	HJ9	MONO TRUSS	4	1	
					Job Reference (optional)

6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Oct 10 11:15:25 2007 Page 2

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

LOAD CASE(S) Standard

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 Les Truss Cassion Engineer Pionos Pis No. 3-1868 1400 Chastal Pay Slyn



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

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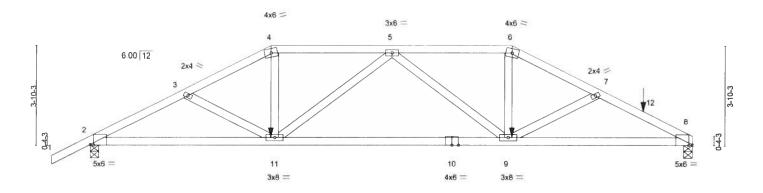




Plate Of	fsets (X,Y): [2:0-1-11,Edge], [8	3:0-1-11 , E	dge]								
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	тс	0.44	Vert(LL)	-0.14	9-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.77	Vert(TL)	-0.47	9-11	>590	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.33	Horz(TL)	0.11	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)	, ,					Weight: 112 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood shear
BOT CHORD 2 X 4 SYP No.2	3-2-5 oc purlins.
WEBS 2 X 4 SYP No.3	BOT CHORD Rigid ceiling directly a
	bracing.

thing directly applied or

applied or 6-4-2 oc

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

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

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

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

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

7-9=-183/113

JOINT STRESS INDEX

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 Colinadeadsn page 2

October 10,2007

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

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:37 2007 Page 2

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)

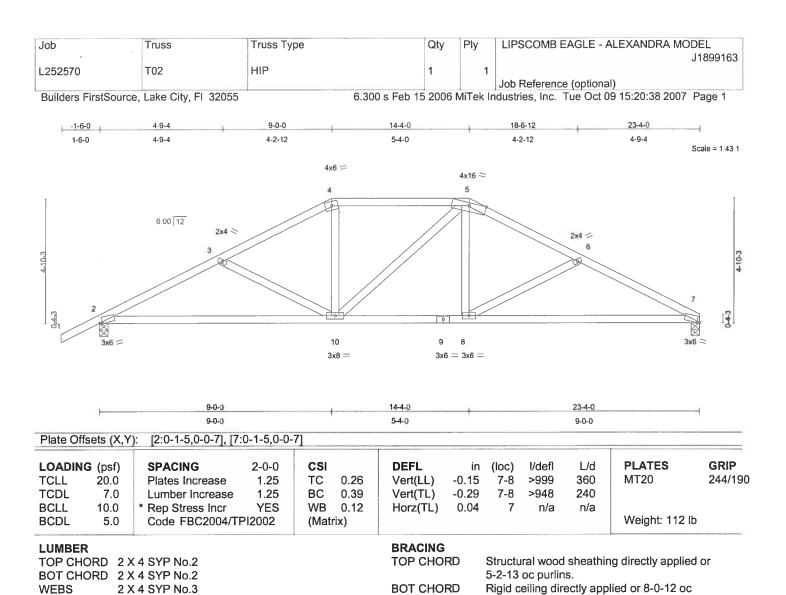
Vert: 1-4=-54, 4-6=-117(F=-63), 6-8=-54, 2-11=-10, 9-11=-22(F=-12), 8-9=-10

Concentrated Loads (lb)

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

Julius Les Trups Cosion Engineer Plandé Mil Plan 3-1000 1400 Ensais May Mivel





bracing.

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.

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 Colly Rue of page 2

Julius Les Truss Coston Choinear Plands PE No. 3-1808 1100 Chasts Bay Blyd Boynton Weson, H. 20406

October 10,2007

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

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:38 2007 Page 2

NOTES

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

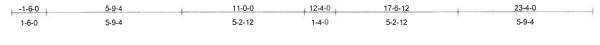
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 146 lb uplift at joint 7 and 220 lb uplift at joint 2.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
196					J1899164
L252570	T03	HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:39 2007 Page 1



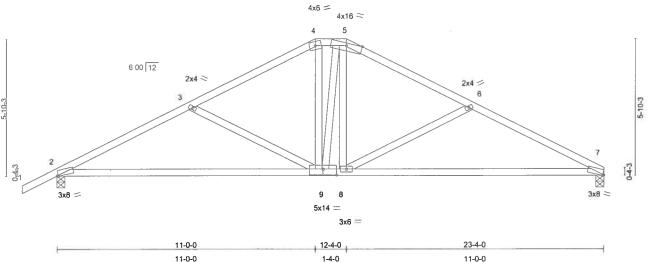


Plate Of	fsets (X,Y): [2:0-0-10,Edge], [7	7:0-0-10,E	dge], [9	:0-7-0,0-	3-0]					-	
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defi	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.34	Vert(LL)	-0.27	2-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.72	Vert(TL)	-0.50	2-9	>551	240		12
BCLL	10.0	* Rep Stress Incr	YES	WB	0.24	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 117 lb	1

1.1	I B	# 5	ВE	D
L	ווע		>⊏	\mathbf{r}

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

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)

FORCES (Ib) - 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

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 Colimpiled in page 2

Truss Costan Chamesr Planas Piz Jinas 1104 Grassi May Alva Woynton Weach, FL 18455

October 10,2007

Scale = 1 47.5

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
(9)					J1899164
L252570	T03	HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:39 2007 Page 2

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	oe .	Q	ty Ply	LIP	SCOMB E	AGLE - A	LEXANDRA M	IODEL J1899165
L252570	T04	SPECIAL		1		1	Deferen	. /	,	31033103
Builders FirstSource	e, Lake City, FI 32055		6.30	00 s Feb 15 2	006 MiTek		Reference ries, Inc.) 9 15:20:40 200	7 Page 1
-1-6-0 1-6-0	1-11-4 3-4-0 1-11-4 1-4-12	-	7-4-0 4-0-0	-		11-4-0 4-0-0		12-8-12	14-8-0	
				4x6 =						Scale = 1 28 0
4-0-3	6 00 12 5x8 == 4	3x8 =		5				3x8 <= 6	5x8 = 7	e .
1 3x6	_	3x12 MT20	н=	11 8x14 =		3	x12 MT20H ==	9 ^{4x6} =	*	3x6 =
 	3-4-0		7-4-0	+		11-4-0		+	14-8-0	
	3-4-0	I	4-0-0			4-0-0			3-4-0	
LOADING (psf) TCLL 20.0 TCDL 7.0	SPACING Plates Increase Lumber Increase	2-0-0 1.25 1.25	CSI TC 0.39 BC 0.94	DEFL Vert(LL) Vert(TL)	-0.15	(loc) 10-11 10-11	I/defi >999 >589	L/d 360 240	PLATES MT20 MT20H	GRIP 244/190 187/143

LUMBER

BCLL

BCDL

TOP CHORD 2 X 4 SYP No.2

10.0

5.0

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

Code FBC2004/TPI2002

WEBS 2 X 4 SYP No.3 *Except*

5-11 2 X 10 SYP No.2

* Rep Stress Incr

BRACING

Horz(TL)

TOP CHORD Structural wood sheathing directly applied or

8

3-3-6 oc purlins.

n/a

n/a

Weight: 81 lb

BOT CHORD Rigid ceiling directly applied or 7-9-6 oc

0.22

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,

NO

WB 0.71

(Matrix)

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

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

, 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.

ulius Lam russ Coston Choinear torde Pa No. Interi too Gesta May Mivi cynton Weson Fi bûsob

Continued on 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-I1 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
					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 Chaineer Plotics es No. 3-1868 1466 Chastel May Mort Scotten Seson. Et 50400



Job L252570	Truss	Truss Type SPECIAL	Qty 3	Ply 1	LIPSCOMB E	AGLE - ALE	XANDRA M	ODEL J1899166
L202010	100	OI EON LE	3	1 1	Job Reference	e (optional)		
Builders FirstSource	e, Lake City, Fl 32055	6.3	00 s Feb 15 2006				5:20:41 200	7 Page 1
							ā	
-1-6-0	1-11-4 3-4-0	7-4-0 4-0-0	+	11-4- 4-0-l		12-8-0 12-8		
1-6-0	1-11-4 1-4-12	4-0-0		4-0-1	U	1-4-0 0-0	-12 1-11-4	Scale = 1 28 0
			4x6 =					
1 0453	3x6 = 4	3x8 = 3x8 = 4x10 =	11 5x8 =		4x10 =	3x8 = 6 3x6 = 93x6 =	7	0-4-3 1-0-0
3x6	_	13 x6 =				9		3x6 =
	3-4-0	7-4-0		11-4-	0		14-8-0	
⊢	3-4-0	4-0-0	+	4-0-4			3-4-0	
LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0	SPACING Plates Increase Lumber Increase * Rep Stress Incr	2-0-0 CSI 1.25 TC 0.29 1.25 BC 1.00 NO WB 0.43	DEFL Vert(LL) Vert(TL) Horz(TL)	in (l 0.13 10 -0.19 10 0.13	loc) I/defl -11 >999		PLATES MT20	GRIP 244/190

LUMBER

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

BRACING

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

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

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





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)

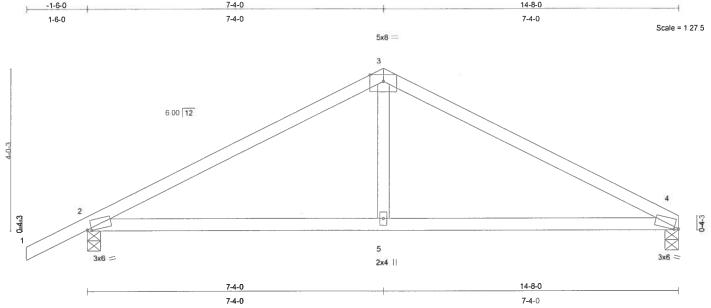
Vert: 1-5=-54, 5-8=-54, 2-13=-10, 10-12=-10, 8-9=-10

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

> Julius Lee Trues Coston Engineer Planck Pil No. 34869 1466 Cossist Bay Slori



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL J189916
L252570	Т06	COMMON	1	1	3,000,0
					Job Reference (optional)
Builders FirstS	ource, Lake City, Fl	32055 6.	300 s Feb 15 2006	MiTek Ir	ndustries, Inc. Tue Oct 09 15:20:42 2007 Page 1
-1-6-0	4	7-4-0			14-8-0
9	1.0	7.4.0			7.40



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	0.37	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	212002	(Mat	rix)						Weight: 54 lb	

	М	п	_	п.
u	w	В	_	ĸ

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

BOT CHORD

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

WEBS

3-5=0/253

JOINT STRESS INDEX

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.

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

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

October 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
,					J1899167
L252570	T06	COMMON	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:42 2007 Page 2

NOTES

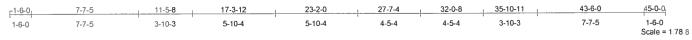
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 99 lb uplift at joint 4 and 175 lb uplift at joint 2.

LOAD CASE(S) Standard

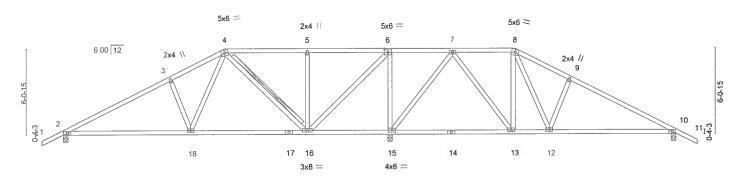


Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
	8				J189916
L252570	T07	HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:43 2007 Page 1



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



		9-0-5	8-3-7		5-10-4	4	8-10-8	2-5-3		9-0-5	
Plate Of	ffsets (X,Y	′): [6:0-3-0,0-3-0]									
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	-0.14 10-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.28 10-12	>870	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.78	Horz(TL)	0.02 10	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	2002	(Mat	rix)					Weight: 236 lb	

	9.4			
11	nл	ж	_	~

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

9-0-5

BRACING

WEBS

TOP CHORD Structural wood sheathing directly applied or

5-11-3 oc purlins.

BOT CHORD Rigid of

Rigid ceiling directly applied or 6-0-0 oc

bracing.

T-Brace:

2 X 4 SYP No.3 -

4-16

43-6-0

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

Brace must cover 90% of web length.

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

Max Horz 2=94(load case 6)

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

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

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

9-12=-320/314

Julius Les Truss Coston Endinsor Piùrida Pie Mid. 34808 1400 Chastel May Alva Boynton Boson, FL 30435

Continued on page 2

October 10,2007

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BuildersFirstSource

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
1					J1899168
L252570	T07	HIP	1	1	
				İ	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; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 3x6 MT20 unless otherwise indicated.
- 6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 212 lb uplift at joint 2, 335 lb uplift at joint 15 and 212 lb uplift at joint 10.

LOAD CASE(S) Standard

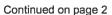
Julius Lew Truss Ceston Chomeer Plorids PM No. 24000 1400 Chestal Ray Alva Bovnion Weson, FL 184400



Job Truss Type Qty Ply LIPSCOMB EAGLE - ALEXANDRA MODEL Truss .11899169 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, Fl 32055 7-7-5 18-3-12 29-2-0 30-018 33-7-0 38-7-0 43-6-0 1-6-0 7-7-5 5-10-3 4-10-4 4-10-4 6-0-0 0-10-8 5-0-0 4-11-0 + 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. 5x6 = 3x8 = 2x4 || 5x6 = 5 6 7 8 4x6 > 6 00 12 9 2x4 7-0-15 +_{5x14} 12 20 M 2x4 | 4x6 = 4x6 4x6 16 15 19 18 17 4x6 = 5x8 5x8 = 4x6 = 2x4 Beam to Truss connection to be specified by the Architect/Engineer of Record. 18-3-12 29-2-0 31-10-0 33-7-0 23-2-0 2314-0 9-0-5 9-3-7 4-10-4 0-2-0 5-10-0 2-8-0 Plate Offsets (X,Y): [13:0-6-0,0-2-4], [15:12-4-1,6-3-2] **SPACING** 2-0-0 CSI **DEFL** Ľ∕d **PLATES GRIP** LOADING (psf) in (loc) I/defl 20.0 1.25 TC 0.37 360 MT20 244/190 **TCLL** -0.13 10-12 >999 Plates Increase Vert(LL) TCDL 7.0 Lumber Increase 1.25 BC 0.27 Vert(TL) -0.24 10-12 >999 240 **BCLL** 10.0 **WB** 0.51 0.10 Rep Stress Incr NO Horz(TL) n/a n/a Code FBC2004/TPI2002 Weight: 576 lb **BCDL** 5.0 (Matrix) **BRACING** LUMBER Structural wood sheathing directly applied or 6-0-0 TOP CHORD 2 X 4 SYP No.2 *Except* TOP CHORD 8-11 2 X 6 SYP No.1D oc purlins. **BOT CHORD** 2 X 6 SYP No.1D *Except* **BOT CHORD** Rigid ceiling directly applied or 6-0-0 oc bracing, 7-15 2 X 4 SYP No.3 Except: **WEBS** 2 X 4 SYP No.3 10-0-0 oc bracing: 14-15. 1 Row at midpt 10-13 **JOINTS** 1 Brace at Jt(s): 13 REACTIONS (lb/size) 11=308/0-4-0, 2=-102/0-4-0, 16=3829/0-4-0 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 TOP CHORD 1-2=0/39, 2-3=-384/1442, 3-4=-357/1473, 4-5=-482/2176, 5-6=-482/2176, 6-7=-465/2032, 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, 17-10=-1430/511, 10-17=-0.000011, 10-17=-0.00 2-19=-1266/440, 18-19=-1436/511, 17-18=-1436/511, 16-17=-3138/877, 15-16=-128/33, **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

October 10,2007



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





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

6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Oct 10 10:34:41 2007 Page 2

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 Ceston Endineer Ploride ME No. 3-1200 1400 Grasial May Alva Scynton Weden, FL 55416



Job		Truss	Truss Typ	oe		Qty	Ply	LIPS	COMB E	AGLE - A	LEXANDRA MO	DDEL J1899170
L252570		T09	SPECIAL	=		1		1				01000110
						1 15 555				e (optional		
Builders F	FirstSource	, Lake City, Fl 32055			6.300 s Fe	eb 15 2006	MiTek	Industri	es, Inc.	Tue Oct 0	9 15:20:45 2007	Page 1
-1-6-0	1	7-7-5	15-5-	88	ļ	23-2-0			28-0-8	29-2-0	33-7 -0	
1-6-0		7-7-5	7-10-			7-8-8			4-10-8	1-1-8	4-5-0	Cools Sides at
		cab. Attach scab to										Scale 3/16"=1"
GRAIN	e i op and I" for additi	Bottom Member Se onal nail spacing int	e drawing (formation,	SININAILSP ₄	XT699 PAF	KALLEL I	U	2x4		5x6 =		
					4			5		6 2x4		
Ī				1	积、			4		7		Ī
		6.00 12									3x8 ≈	
											В	
		2×4 \\										
r -0-1		3		//					///			3-3-11
ä												8
		\							′		1	
		\	\ //					J <i>V</i> // .		831	4 = 9	2-0-0
2 th1 2		,	<u>\</u>		- g	(6)		11/			2x4	5-
	⊠ 3x6 =		40		**			13		42	4 0:	
			16 3x6 =		15 2x4	14 3x6 =		4x10 =		12 2x4	1	son HTU26
			ono —								2-0-0	
		9-0-5	. 1	5-5-8		23-2-0			29-2-0	- 31	1-10-0 33-7 -0	
		9-0-5		5-5-3		7-8-8			6-0-0		2-8-0 1-9-0	
Plate Off	sets (X,Y):	[10:0-5-9,0-3-2],	[13:0-4-8,0-	-2-0]								
CADIN	C (nof)	SPACING	2-0-0	CSI	0	EFL	in	(loc)	l/defl	L/d	PLATES	GRIP
L <mark>OADIN</mark> TCLL	20.0	Plates Increase	1.25		- 1	ert(LL)	-0.14	2-16	>999	360	MT20	244/19
TCDL	7.0	Lumber Increase	1.25	BC 0.	1	ert(TL)	-0.28	2-16	>980	240	20	211110
3CLL	10.0		YES	1		orz(TL)	0.02	9	n/a	n/a		
SULL	10.0	Rep Stress Incr	1	VVD U.	,, , ,,	012(11)	0.02					
	5.0	* Rep Stress Incr Code FBC2004/T		(Matrix)	" "	012(12)	0.02	J			Weight: 221	ID
BCDL	5.0						0.02				Weight: 221	ID
BCDL LUMBER	5.0	Code FBC2004/T			В	RACING			ral wood	sheathin		
BCDL LUMBER TOP CHO	5.0 R ORD 2 X	Code FBC2004/T 4 SYP No.2	PI2002		В			Structu			weight: 221 ig directly appliend verticals.	
BCDL LUMBER TOP CHO	5.0 R ORD 2 X ORD 2 X	Code FBC2004/T	PI2002		B	RACING	RD	Structu 6-0-0 c	c purlins	, except	ng directly appli	ied or
LUMBER FOP CHO	5.0 R ORD 2 X ORD 2 X 7-12	Code FBC2004/T 4 SYP No.2 4 SYP No.2 *Excep	PI2002		B TO	RACING OP CHOF	RD	Structu 6-0-0 o Rigid o bracing	c purlins eiling dir J.	, except	ng directly applied end verticals.	ied or
LUMBER FOP CHO	5.0 R ORD 2 X ORD 2 X 7-12	Code FBC2004/T 4 SYP No.2 4 SYP No.2 *Excep 2 2 X 4 SYP No.3	PI2002		B TO	RACING OP CHOP	RD	Structu 6-0-0 c	c purlins eiling dir J.	, except	ng directly appliend verticals. lied or 6-0-0 oc	ied or
LUMBER FOP CHO	5.0 R ORD 2 X ORD 2 X 7-12	Code FBC2004/T 4 SYP No.2 4 SYP No.2 *Excep 2 2 X 4 SYP No.3	PI2002		B TO	RACING OP CHOF	RD	Structu 6-0-0 o Rigid o bracing T-Brac	c purlins eiling dir J. e:	ectly app	ng directly appliend verticals. lied or 6-0-0 or 2 X 4 SYP N 4-13, 6-13	ied or
LUMBER FOP CHO	5.0 R ORD 2 X ORD 2 X 7-12	Code FBC2004/T 4 SYP No.2 4 SYP No.2 *Excep 2 2 X 4 SYP No.3	PI2002		B TO	RACING OP CHOF	RD	Structu 6-0-0 o Rigid o bracing T-Brac	c purlins eiling dir p. e: T and I	ectly apple	ng directly appliend verticals. lied or 6-0-0 or 2 X 4 SYP N 4-13, 6-13 or narrow edge	ied or S No.3 - of web
LUMBER FOP CHO	5.0 R ORD 2 X ORD 2 X 7-12	Code FBC2004/T 4 SYP No.2 4 SYP No.2 *Excep 2 2 X 4 SYP No.3	PI2002		B To	RACING OP CHOF	RD	Structu 6-0-0 o Rigid o bracing T-Brac Fasten with 10	c purlins eiling dir p. e: T and I	ectly applements to braces to braces to	ng directly appliend verticals. lied or 6-0-0 or 2 X 4 SYP N 4-13, 6-13	ied or No.3 -
BCDL LUMBER TOP CHO	5.0 R ORD 2 X ORD 2 X 7-12	Code FBC2004/T 4 SYP No.2 4 SYP No.2 *Excep 2 2 X 4 SYP No.3	PI2002		B To	RACING OP CHOF	RD	Structu 6-0-0 o Rigid c bracing T-Brac Fasten with 10 minimu Brace	c purlins eiling dir	braces to on wire n istance.	ng directly appliend verticals. lied or 6-0-0 or 2 X 4 SYP N 4-13, 6-13 or narrow edge	ied or No.3 -
LUMBER FOP CHO	5.0 R ORD 2 X ORD 2 X 7-12	Code FBC2004/T 4 SYP No.2 4 SYP No.2 *Excep 2 2 X 4 SYP No.3	PI2002		B Te B	RACING OP CHOF	RD	Structu 6-0-0 o Rigid c bracing T-Brac Fasten with 10 minimu Brace	c purlins eiling dir J. e: T and I d Comm im end d	braces to on wire n istance.	ng directly appliend verticals. lied or 6-0-0 or 2 X 4 SYP N 4-13, 6-13 or narrow edge tails, 9in o.c.,w	ied or No.3 -

REACTIONS (lb/size) 2=688/0-4-0, 9=2/Mechanical, 13=1557/0-4-0

Max Horz 2=231(load case 6)

Max Uplift 2=-206(load case 6), 9=-147(load case 10), 13=-447(load case 6) Max Grav 2=691(load case 10), 9=162(load case 11), 13=1557(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/35, 2-3=-939/416, 3-4=-795/486, 4-5=-154/400, 5-6=-160/409, 6-7=-57/205, TOP CHORD

7-8=-89/193, 8-9=-137/167

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

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

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

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

ulius Las Nosea Caston Choinear Nosea Mario, ander Noseasia May Alve Oynion Wason, EL Sussos

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
*	*				J1899170
L252570	T09	SPECIAL	1	1	
					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

Julius Les Trues Coston Engineer Plorica Per No. 34866 1406 Chastal Ray Sivel Scoutter Seson, Ft. 35456



Job	Truss	Truss Ty	ре	Qty	Ply	LIPS	SCOMB E	AGLE - A	ALEXANDRA N	MODEL J1899171
L252570	T10	SPECIAL	-	1		1			15	01033171
Builders FirstSourc	ce, Lake City, Fl 32	055	6.30	0 s Feb 15 200	6 MiTel		Reference ies, Inc.			07 Page 1
1-6-0	7-7-5 7-7-5	7-0-1	4 2-9-5	5-8-8		26-0-8 2-10-8	29-2-0 3-1-8		33-7-0 4-5-0	See 10 - 4:00 4
into the Top and	scab. Attach scab Bottom Member tional nail spacing	See drawing C	NNAILSP1299)" nails cluster "PARALLEL T 4x16 5	O 2	x4 6	5x6 = 7	. 100		Scale = 1 68.1
9-0-15 0-4-3		5x6 =	3x6 = 4					8 8 11 8 14 =	3x8 = 9 9 10 2x4	2.0-0
3x6 =		17 3x6 =	16 3x6	15 = 3x6 =		14 ×10 =		13 2x4 2-0	2 Sin	npson HTU26
	9-0-5 9-0-5	+	17-5-8 8-5-3	23-2-0		+	29-2-0 6-0-0	31-10		
Plate Offsets (X,Y		, [11:0-4-13,0-	-3-6], [14:0-4-8,0)-2-0]						
COADING (psf) FCLL 20.0 FCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING Plates Increase Lumber Increase * Rep Stress Inc Code FBC200	se 1.25 r YES	CSI TC 0.37 BC 0.39 WB 0.60 (Matrix)	DEFL Vert(LL) Vert(TL) Horz(TL)	in -0.12 -0.25 0.01		l/defl >999 >999 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 23	GRIP 244/19
8-	X 4 SYP No.2 X 4 SYP No.2 *Exc 13 2 X 4 SYP No.3 X 4 SYP No.3			BRACING TOP CHOI BOT CHOI WEBS	RD	6-0-0 d Rigid of bracing T-Brace Fasten with 10 minimu Brace	oc purlins eiling dire g. e: T and I od Comm um end di must cov	braces to on wire ristance.	ng directly app end verticals. died or 6-0-0 c 2 X 4 SYP 5-14, 6-14 o narrow edge nails, 9in o.c., of web length.	No.3 - , 7-14 e of web
Ma Ma	/size) 2=668/0-4 ax Horz 2=242(loa ax Uplift 2=-191(loa ax Grav 2=673(loa	d case 6) ad case 6), 10	=-219(load case	10), 14=-355	•	ase 6)	e at Jt(s):	11		
TOP CHORD 1 7 3OT CHORD 2	Maximum Compres 1-2=0/35, 2-3=-903 7-8=-71/252, 8-9=- 2-17=-493/730, 16-	6/384, 3-4=-75 113/260, 9-10 17=-121/239,	8/448, 4-5=-105 =-129/238 15-16=-121/239), 14-15=-19/6),	ualisum <u>l</u> e		

Continued on page 2

WEBS

October 10,2007



12-13=0/0, 11-13=0/171, 8-11=-224/231, 10-11=-19/26

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
	2.				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.
- 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 191 lb uplift at joint 2, 219 lb uplift at joint 10 and 355 lb uplift at joint 14.

LOAD CASE(S) Standard

Juitus Les Truss Caston Engineer Plorida Mis No. 2-1065 1-106 Castol May Mive Source Lesson II. 195418

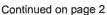


LIPSCOMB EAGLE - ALEXANDRA MODEL Qty Ply Job Truss Truss Type J1899172 SPECIAL L252570 Job Reference (optional) 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Oct 10 10:39:21 2007 Page 1 Builders FirstSource, Lake City, FI 32055 33-7-0 38-7-0 43-6-0 14-8-3 19-5-8 29-2-0 -1-6-0 7-7-5 4-11-0 1-6-0 + 2x4 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 5x6 =TO GRAIN" for additional nail spacing information. 6.00 12 3x6 < 2x4 || 5x6 < 5x6 < 4x6 > 10 19 4x6 = 2x4 || 8x14 = 4x6 = 15 18 17 16 14 2-0-0|3 5x8 = 4x6 = 5x8 = 2x4 4x6 = Beam to Truss connection to be specified by the Architect/Engineer of Record. 17-6-2 23-4-0 31-10-0 33-7-0 38-7-0 9-0-5 8-5-13 5-9-14 5-10-0 2-8-0 1-9-0 5-0-0 9-0-5 [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): **PLATES GRIP** CSI **DEFL** I/defl Ľ∕d LOADING (psf) **SPACING** 2-0-0 in (loc) 20.0 Plates Increase 1.25 TC 0.37 Vert(LL) -0.119-11 >999 360 MT20 244/190 **TCLL** Lumber Increase 1.25 BC 0.20 Vert(TL) -0.199-11 >999 240 TCDL 7.0 10.0 Rep Stress Incr NO WB 0.68 Horz(TL) 0.07 10 n/a n/a BCLL Weight: 595 lb Code FBC2004/TPi2002 (Matrix) BCDL 5.0 **BRACING** LUMBER TOP CHORD Structural wood sheathing directly applied or 6-0-0 TOP CHORD 2 X 4 SYP No.2 *Except* 8-10 2 X 6 SYP No.1D oc purlins. Rigid ceiling directly applied or 6-0-0 oc bracing, **BOT CHORD BOT CHORD** 2 X 6 SYP No.1D *Except* Except: 7-14 2 X 4 SYP No.3 10-0-0 oc bracing: 13-14. **WEBS** 2 X 4 SYP No.3 **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 2-18=-1506/525, 17-18=-1717/582, 16-17=-1717/582, 15-16=-1831/642, 14-15=-101/27, **BOT CHORD** 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** 6-15=-1545/362, 12-15=-2178/727, 6-12=-86/350, 8-12=-1348/407, 8-11=-192/873

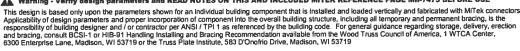
JOINT STRESS INDEX

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 = 0.40, 14 = 0.40, 15 = 0.40, 0.38, 17 = 0.07 and 18 = 0.33

October 10,2007



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





Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
	27			'	J1899172
L252570	T11	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) 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)

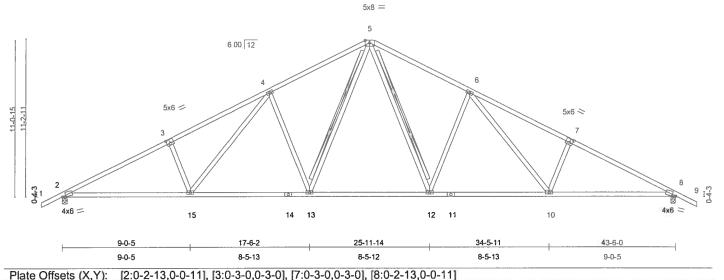
Julius Les Truss Design Engineer Horde Hes No. 24868 1400 Chestal Bay Sive



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

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DEFL GRIP LOADING (psf) **SPACING** 2-0-0 CSI (loc) I/defl L/d **PLATES** in **TCLL** 20.0 Plates Increase 1.25 TC 0.45 Vert(LL) 0.24 12-13 >999 360 MT20 244/190 0.56 BC >999 240

1.25 Vert(TL) -0.40 12-13 TCDL 7.0 Lumber Increase 0.65 **WB BCLL** 10.0 Rep Stress Incr YES Horz(TL) 0.14 n/a n/a Code FBC2004/TPI2002 Weight: 237 lb **BCDL** 5.0 (Matrix)

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 3-4-15 oc purlins. 2 X 4 SYP No.3 **BOT CHORD WEBS**

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, **BOT CHORD**

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

WEBS 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

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 Continued 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 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, exection 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
y 1					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 Les Truss Design Engineer Pichiga Pii No. 14000 1400 Gestal May Mivel 1400 Gestal May Mivel

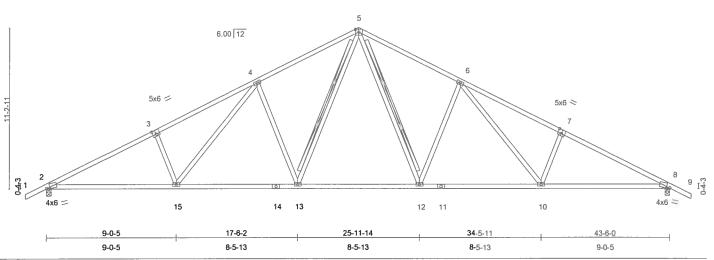


J1899174
ional)
pt

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5x6 =



[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] Plate Offsets (X,Y):

LOADING ((psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 2	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	0.24	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.40	12-13	>999	240	!	
BCLL 1	10.0	* Rep Stress Incr	YES	WB	0.65	Horz(TL)	0.14	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 237 lb	

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

3-4-14 oc purlins. **BOT CHORD**

Rigid ceiling directly applied or 5-9-6 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

Structural wood sheathing directly applied or

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 (ib) - Maximum Compression/Maximum Tension

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

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

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

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

JOINT STRESS INDEX

BOT CHORD

WEBS

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 Contibue 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.

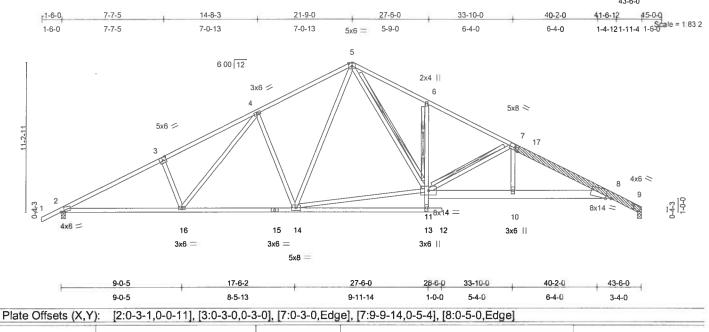
LOAD CASE(S) Standard

Julius Lee Truse Design Engineer Plonide Pis 145 34666 1486 Chastel May Alva November 1



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

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LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.82	Vert(LL)	0.40	12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.84	Vert(TL)	-0.59	13-14	>879	240		
BCLL	10.0	* 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	

BRACING LUMBER TOP CHORD 2 X 4 SYP No.2 *Except* TOP CHORD 7-9 2 X 6 SYP No.1D 3-4-12 oc purlins. **BOT CHORD** 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

WFBS 2 X 4 SYP No.3

LBR SCAB 7-9 2 X 6 SYP No.1D one side Structural wood sheathing directly applied or

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

WEBS 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

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-I1 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
1 1					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

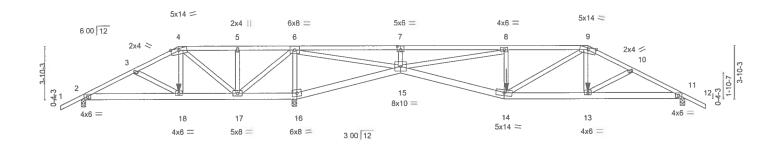
Julium Leem Truse (Design Engineer Planda PE No. 3-1665 1400 Chestal Say Sivri Boynton Boson, FL 26466



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
	1				J189917
L252570	T15	SPECIAL	1	2	· ·
					Job Reference (optional)

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,	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		7-0-0	
Plate Of	fsets (X,Y	"): [7:0-3-0,0-3-0]									1	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	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	212002	(Ma	trix)						Weight: 514 lb	

22-11-12

L	U	M	В	E	R	

TOP CHORD 2 X 4 SYP No.1D

BOT CHORD 2 X 6 SYP No.1D

7-0-0

WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or

43-6-0

6-0-0 oc purlins.

36-6-0

BOT CHORD

30-5-8

Rigid ceiling directly applied or 6-0-0 oc

bracing.

30,7-8

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

11-3-0

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

TOP CHORD 1-2=0/39, 2-3=0/580, 3-4=0/611, 4-5=-423/1835, 5-6=-423/1835, 6-7=-883/283,

15-4-0 15-6-0

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

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

 $6\text{-}16\text{=-}3246/1348,\ 6\text{-}15\text{=-}1529/4675,\ 7\text{-}15\text{=-}915/479,\ 8\text{-}15\text{=-}1543/570.}$

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

Cnoinear Saisea May Miss sh. Ft 55456

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 = 0.360.60, 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 16 and 460 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)

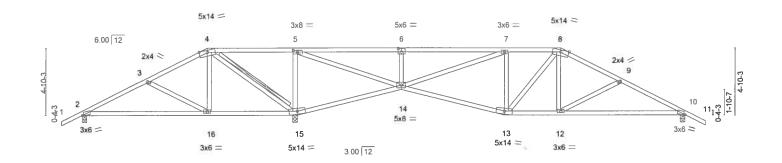
Julius Les Truss Costan Endinsor Plonida Fil No. 3-1869 1-106 Chastel Ray Alvid Boynton Usaan, FL 25-195



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
					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 Offsets (X,Y): [2:0-1-5,0-0-7], [5:0-3-8,0-1-8], [6:0-3-0,0-3-0], [10:0-1-1,0-0-7]

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)	0.23	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

WEBS

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.

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 Lass Trups Coston Engineer Plantals Pa No. 1980 1906 Coston Pay Mirri

Continued on page 2

October 10,2007

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
1					J1899177
L252570	T16	SPECIAL	1	1	NO.28 #2
					Job Reference (optional)

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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

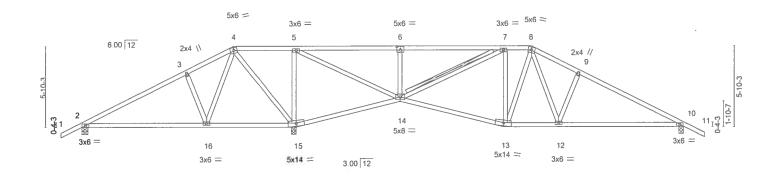
Judius Les Trips Coston Choinear Piònick Pik No. 114861 1100 Chastel Bay Stri Bounton Basch, ill 20416



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
		1	'		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



7	9-0-5	15-4-0	15,6-0	22-11-12	30-5-8	34-5-11	43-6-0	-1
	9-0-5	6-3-11	0-2-0	7-5-12	7-5-12	4-0-3	9-0-5	

Plate Of	ffsets (X,Y	(): [6:0-3-0,0-3-0]				<u></u>					T	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	0.29	2-16	>630	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.28	10-12	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.76	Horz(TL)	0.03	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 231 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

BOT CHORD

WEBS

5-3-11 oc purlins.

Rigid ceiling directly applied or 6-0-0 oc

bracing.

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

Structural wood sheathing directly applied or

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,

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

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

10-12=-356/971

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

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

TOP CHORD





Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
g #1					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.

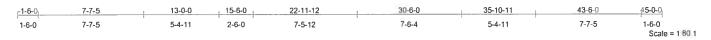
LOAD CASE(S) Standard

Julius Les Trues Coston Engineer Plotida Pii No. 3-1969 1406 Chastel May Sivi Bovnton Weson, 1-1 56455



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

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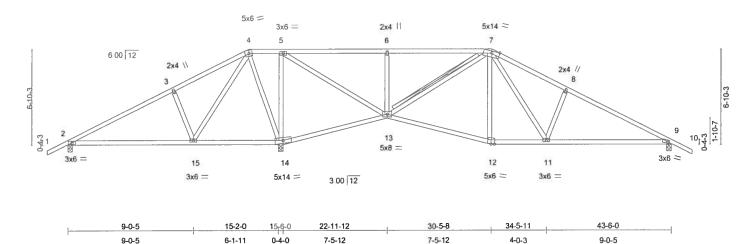


Plate Of	fsets (X,Y): [9:0-1-12,Edge]										
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	0.30	2-15	>609	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.32	Vert(TL)	-0.28	9-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.82	Horz(TL)	0.02	9	n/a	n/a		
BCDL	5.0	Code FBC2004/Ti	PI2002	(Mat	rix)	' '					Weight: 234 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 Structural wood sheathing directly applied or 5-3-0 oc purlins.

BOT CHORD

WEBS

T-Brace:

bracing.

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.

Rigid ceiling directly applied or 6-0-0 oc

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

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

9-11=-346/983

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

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

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
6:					J1899179
L252570	T18	SPECIAL	1	1	
					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.

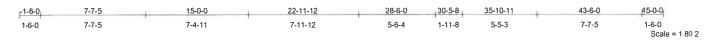
LOAD CASE(S) Standard

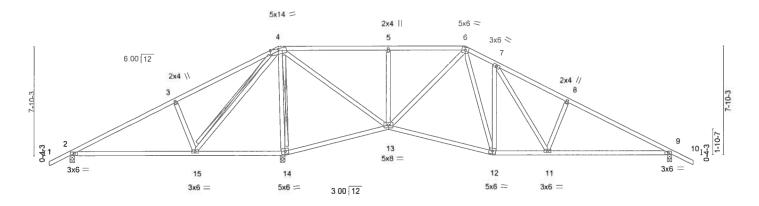
Julius Les Truss (Design Chainser Plonida Pia No. 3-1968 1-106 (Brasis) May Mivri Bovnion Wesch, PL 65-106



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

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		5-0-3	13-2-0	J-y-u		2-11-12		0-5-0		77-0-11		4000	
		9-0-5	6-1-11	0-4-0		7-5-12	7	-5-12		4-0-3		9-0-5	
LOADIN	IG (psf)	SPACING	2-0-0	ОС	SI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.2	5 T	С	0.48	Vert(LL)	0.31	2-15	>600	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.2	5 B	С	0.33	Vert(TL)	-0.28	9-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	s w	/B	0.79	Horz(TL)	0.02	9	n/a	n/a		
BCDL	5.0	Code FBC2004/T	PI2002	(1)	/latri	ix)						Weight: 241 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

42 G O

5-1-12 oc purlins.

24 5 11

BOT CHORD

Rigid ceiling directly applied or 6-0-0 oc

bracing.

WEBS T-Brace: 2 X 4 SYP No.3 -4-15, 4-14

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=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 (lb) - 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

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 = 0.78

= 0.47

Continued on 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 occe. For general guidance regarding storage, delivery, erection and bracing, consult BCS-I or HiB-91 Handhig 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
# B#					J1899180
L252570	T19	SPECIAL	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:57 2007 Page 2

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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
e e					J1899181
L252570	T20	SPECIAL	1	1	
					Job Reference (optional)

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r1-6-0;	7-7-5	15-6-0	17-0-0	22-11-12	26-6-0	30-5-8	35-10-11	43-6-0	45-0-0
1-6-0	7-7-5	7-10-11	1-6-0	5-11-12	3-6-4	3-11-8	5-5-3	7-7-5	1-6-0
									Scale = 1.80.2

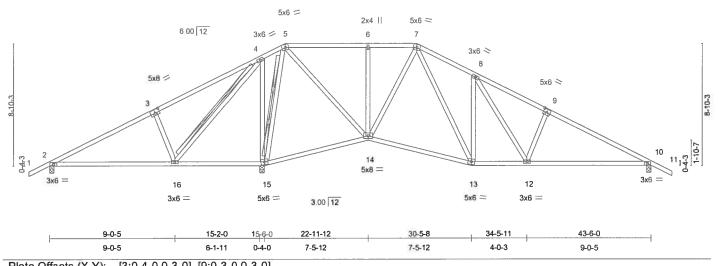


Plate Of	iseis (X, Y): [3:0-4-0,0-3-0], [9:	0-3-0,0-3-	· U		1993					11	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	0.30	2-16	>618	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.34	Vert(TL)	-0.28	10-12	>999	240		
BCLL	10.0	* 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	

l	11	BA			D
		IVI	п	_	ĸ

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 5-1-3 oc purlins.

BOT CHORD Rigid

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

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

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

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

9-12=-331/331

Julius Les Truss Coston Endineer Plands Pis No. 3-1985 1406 Cassis Rey Flori Boynton tesson, t. 25425

Continued on 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 8CS-1 or HIB-91 Handling installing and Bracing Recommendation authority Mood 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
1000570	Too	SDEO!A!			J1899181
L252570	T20	SPECIAL	1	1	Job Reference (optional)

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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.

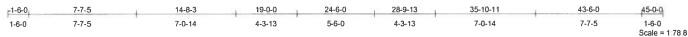
LOAD CASE(S) Standard

Julius Les Trues Coston Choinsor Plotide Fil No. 3-1969 1106 Chestal Ray Sivii Soviton Beson, FL 25-126



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

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

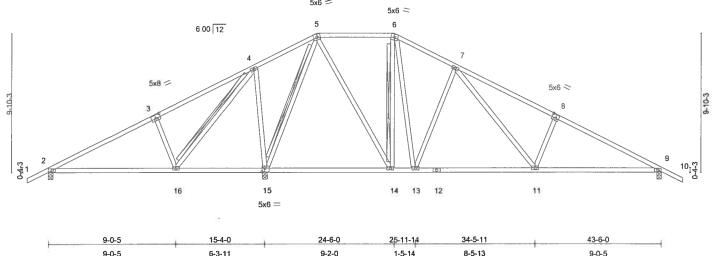


Plate Offsets (X,Y): [3:0-4-0,0-3-0], [8:0-3-0,0-3-0], [15:0-2-8,0-3-0] CSI **DEFL** L/d **PLATES GRIP** LOADING (psf) **SPACING** 2-0-0 I/defl in (loc) TCLL 20.0 1.25 TC 0.37 Vert(LL) 0.30 2-16 >603 360 MT20 244/190 Plates Increase **TCDL** 7.0 Lumber Increase 1.25 BC 0.33 Vert(TL) -0.25 2-16 >734 240 10.0 WB 0.88 0.02 **BCLL** Rep Stress Incr YES Horz(TL) n/a n/a Weight: 260 lb **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix)

9-2-0

LUMBER

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

TOP CHORD

BOT CHORD

WEBS

bracing. T-Brace:

5-1-2 oc purlins.

8-5-13

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

9-0-5

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

Structural wood sheathing directly applied or

Rigid ceiling directly applied or 6-0-0 oc

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

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

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

6-3-11

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

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

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

October 10,2007

Continued on page 2





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

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:20:59 2007 Page 2

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

Julium Lee Trupe Ceeron Choinear Plorida PE No. 3-1969 1102 Chastal Say Sivi Boynton Beson, FL 55406



Builders FirstSource, La		HIP								J1899183
r1-6-0 7-7-5	-li- Oit El 20055				1	1				
r1-6-0 7-7-5			0.00	00 - E-L 44	2000	ACT - I	Job Referen	ce (optiona	1)	07 Page 1
	ike City, FI 32055		6.30)U s Feb 1:	2006 N	пек	Industries, Inc.	Tue Oct 0	9 15:21:00 20	07 Page 1
	5 , 14-8		21-0-0	22-6-0	28-9-13		35-10-11		43-6-0	45-0-Q
1-0-0 /-1-5			6-3-13	1-6-0	6-3-13		7-0-14		7-7-5	1-6-0
) /-0-	14	0-3-13	1-0-0	0-3-13		7-0-14		7-7-3	Scale = 1 81 9
10-10-3 7	5x6 = 3	6 00 12		5x6 = 5x6 = 5 6			7	5x6 = 8		0-1-01 10-10-3
9-0		6: 15-4-0 6-3-11	16 15 x8 = 22-6-0 7-2-0	14 25-1 3-5	-	12	34-5-11 8-5-13	11	<u>43-6-0</u> 9-0-5	⊣
Plate Offsets (X,Y): [[3.0-3-0,0-3-4], [6.0	1-3-0,0-3-0	1					5.5.11.20	7	
TCLL 20.0 P TCDL 7.0 L BCLL 10.0 * R	SPACING Plates Increase Lumber Increase Rep Stress Incr Code FBC2004/TP	2-0-0 1.25 1.25 YES 12002	CSI TC 0.36 BC 0.33 WB 0.97 (Matrix)	DEFL Vert(I Vert(T Horz(.L) (in 0.31 0.25 0.02	(loc) I/defl 2-17 >590 9-11 >999 9 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 20	GRIP 244/190
LUMBER TOP CHORD 2 X 4 S BOT CHORD 2 X 4 S WEBS 2 X 4 S					CHORD		Structural wood 4-11-8 oc puri Rigid ceiling of bracing. T-Brace: Fasten T and with 10d Comminimum end Brace must communication	ins. irectly app I braces to mon wire r distance.	olied or 6-0-0 2 X 4 SYF 4-17, 5-16 o narrow edg nails, 9in o.c.,	oc P No.3 - 5, 6-14, 6-13 e of web with 4in

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 Cosion Engineer Plotos em No. 3-1000 3-100 Ensatal Bay Slvn

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
4					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 = 0.16, 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.

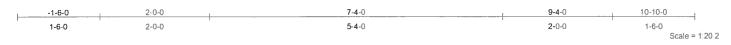
LOAD CASE(S) Standard

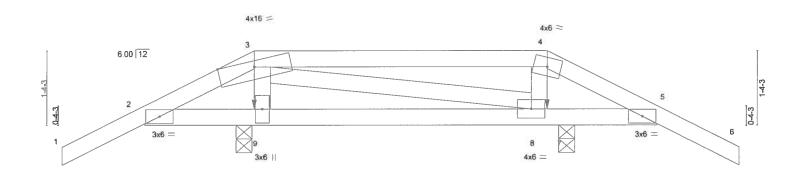
Julius Les Truse Coston Endincer Florida PE No. 31888 1499 Chastel Bay Blod Goynton Weson, FL 56456



Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
L252570	T23	HIP	1	1	J1899184
L202010	120				Job Reference (optional)

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	1-8-0	2-0-0			7-4-0			7-10-0	9-4-	0	
1-8-0 0-4-0				5-4-0				0-6-0	0		
G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	0.02	8-9	>999	360	MT20	244/190
7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.03	8-9	>999	240		
10.0	* Rep Stress Incr	NO	WB	0.10	Horz(TL)	-0.00	7	n/a	n/a		
5.0	Code FBC2004/	TP12002	(Mat	rix)						Weight: 43 lb	
	20.ó 7.0 10.0	IG (psf) 20.0 7.0 10.0 * Rep Stress Incr	1-8-0 0-4-0 IG (psf) SPACING 2-0-0 20.0 Plates Increase 1.25 7.0 Lumber Increase 1.25 10.0 * Rep Stress Incr NO	1-8-0 0-4-0 IG (psf) SPACING 2-0-0 CSI 20.0 Plates Increase 1.25 TC 7.0 Lumber Increase 1.25 BC 10.0 * Rep Stress Incr NO WB	1-8-0 0-4-0 IG (psf) SPACING 2-0-0 CSI 20.0 Plates Increase 1.25 TC 0.30 7.0 Lumber Increase 1.25 BC 0.28 10.0 * Rep Stress Incr NO WB 0.10	Columber Columber	Columber Columber	1-8-0 0-4-0 5-4-0 IG (psf) SPACING 2-0-0 CSI DEFL in (loc) 20.0 Plates Increase 1.25 TC 0.30 Vert(LL) 0.02 8-9 7.0 Lumber Increase 1.25 BC 0.28 Vert(TL) -0.03 8-9 10.0 * Rep Stress Incr NO WB 0.10 Horz(TL) -0.00 7	Columber Columber	Columber 1.8-0 0.4-0 0.4-0 0.6-0 1-6-0 1-6-0 0.6-0 1-6-0 1-6-0 0.6-0 0.6-0 1-6-0 1-6-0 0.6-0 1-6-0 1-6-0 0.6-0 1-6-0 0.6-0 1-6-0 1-6-0 0.6-0 1-6-0 1-6-0 0.6-0 1-6-0 0.6-0 1-6-0 1-6-0 0.6-0 1-6-0 1-6-0 1-6-0 1-6-0 0.6-0 1-6-0 1	Columber Columber

LUMBER

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

WEBS 2 X 4 SYP No.3

BRACING

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

oc purlins.

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

- 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

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-97 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
1.050570	T23	HIP	4		J1899184
L252570	123	nir	1		Job Reference (optional)

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NOTES

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)

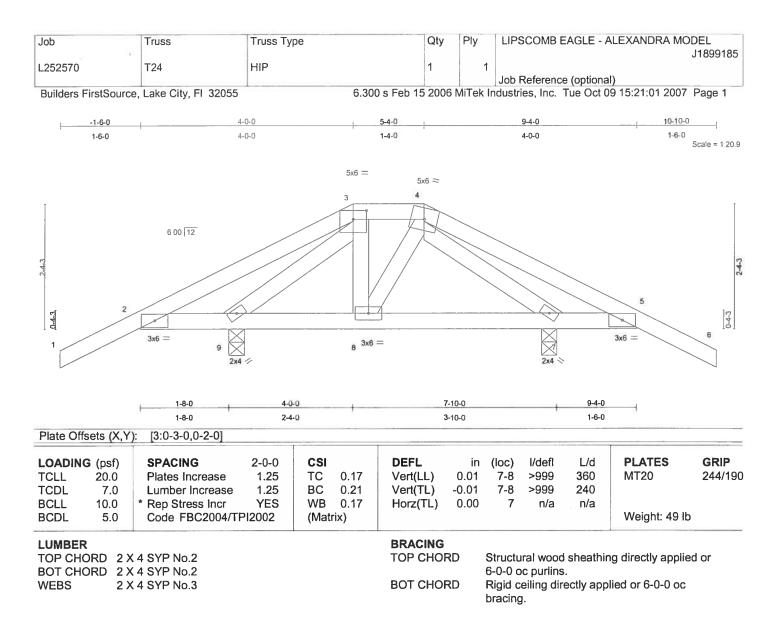
Vert: 1-3=-54, 3-4=-54, 4-6=-54, 2-5=-10

Concentrated Loads (lb)

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

Julius Les Truss Coston Engineer Plottos PE No. 3-1868 1-100 Chastel Rey Blvd. Scoute Masch E. 25-406





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

JOINT STRESS INDEX

Continued on page 2

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.

3) Provide adequate drainage to prevent water ponding.

October 10,2007

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
1 1					J1899185
L252570	T24	HIP	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:21:01 2007 Page 2

NOTES

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

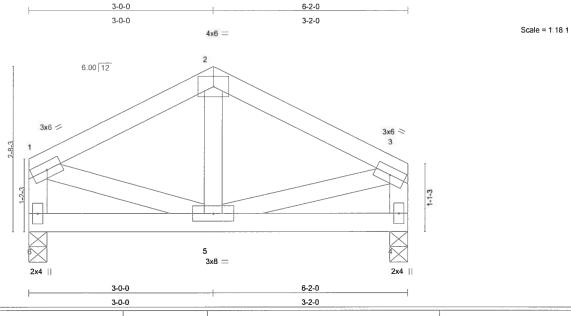
LOAD CASE(S) Standard

Julius Less Trues Coston Endinger Plands PE No. 3-1800 1400 Costol Bay Slvd. Coynton Godon, PL School



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

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LOADING TCLL	20.0	SPACING Plates Increase	2-0-0 1.25	CSI TC	0.16	DEFL Vert(LL)	in 0.01	(loc) 4-5	l/defl >999	L/d 360	PLATES MT20	GRIP 244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.00	4-5	>999	240		
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 (lb) - 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

Truss Design Engineer Florida Fia No. 3-1868 1400 Chastal May Blvd Woynton Weach, FL 30-406

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE - ALEXANDRA MODEL
1.252570	T25	COMMON	3	1	J1899186
2202070	120	COMMISSION	J	'	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.

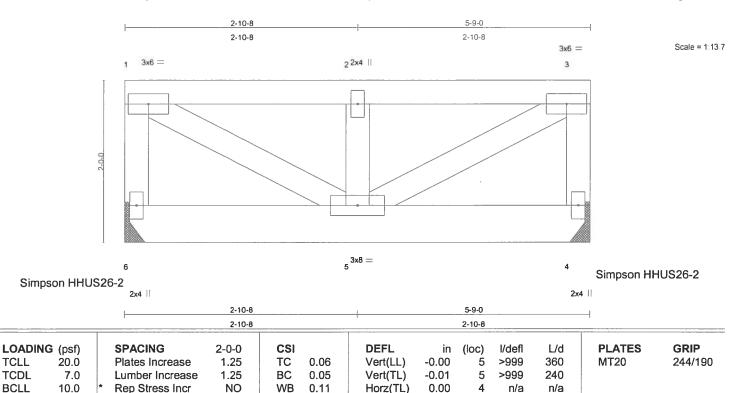
LOAD CASE(S) Standard

Julius Lee Truse (Pesian Engineer Plonds PE No. 3-1985 1-100 Chasis (Rey Alvri Goynton Gesan, FL 55-196



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

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LUMBER

TCLL

TCDL

BCLL

BCDL

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

5.0

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

TOP CHORD Structural wood sheathing directly applied or 5-9-0

oc purlins, except end verticals.

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)

Code FBC2004/TPI2002

FORCES (lb) - Maximum Compression/Maximum Tension

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

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.

(Matrix)

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.

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

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

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Weight: 71 lb

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

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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 Chainsor Plotide Pir No. 3-1868 1-106 Chastel May Slvn Soveton Besch, M. 186455



Ply LIPSCOMB EAGLE - ALEXANDRA MODEL Truss Truss Type Qty Job J1899188 L252570 T27 **SCISSOR** 3 1 Job Reference (optional) 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:21:03 2007 Page 1 Builders FirstSource, Lake City, Fl 32055 15-7-8 7-9-12 7-9-12 7-9-12 Scale = 1.27.7 5x8 = 6 00 12 5x8 = 3.00 12 Simpson HTU26 3x6 = 15-7-8 7-9-12 7-9-12 7-9-12 **PLATES GRIP** LOADING (psf) **SPACING** 2-0-0 CSI **DEFL** in (loc) I/defl L/d >999 360 MT20 244/190 **TCLL** 20.0 Plates Increase 1.25 TC 0.43 Vert(LL) 0.13 1-4 **TCDL** 7.0 Lumber Increase 1.25 BC 0.42 Vert(TL) -0.211-4 >866 240 10.0 Rep Stress Incr YES WB 0.22 Horz(TL) 0.10 3 n/a n/a **BCLL BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 53 lb **BRACING LUMBER** TOP CHORD 2 X 4 SYP No.2 TOP CHORD Structural wood sheathing directly applied or BOT CHORD 2 X 4 SYP No.2 4-11-10 oc purlins. **WEBS** 2 X 4 SYP No.3 **BOT CHORD** Rigid ceiling directly applied or 8-0-13 oc 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

Trues Cleston Chomast Pichiak Pir Nic Indiads 1100 Chastal May Mivd Woynton Weson, Fil 55456

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
4					J1899188
L252570	T27	SCISSOR	3	1	
					Job Reference (optional)

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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



LIPSCOMB EAGLE - ALEXANDRA MODEL Truss Type Qty Ply Job Truss J1899189 L252570 T27G GABLE Job Reference (optional) Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:21:04 2007 Page 1 7-9-12 10-8-1 15-7-8 4-11-7 4-11-7 2-10-5 2-10-5 Scale = 1 26 6 4x6 = 6 00 12 8x10 < 8x10 > 5 8 3 3x6 = 3x6 > 6 3x6 < 8 5x8 = 3.00 12 3x6 = 7-9-12 15-7-8 7-9-12 7-9-12 [1:0-3-13,0-0-5], [1:0-11-7,0-4-7], [7:0-3-13,0-0-5], [7:0-11-7,0-4-7] Plate Offsets (X,Y): LOADING (psf) **SPACING** 2-0-0 CSI **DEFL** in (loc) I/defl L/d **PLATES GRIP TCLL** 20.0 Plates Increase 1.25 TC 0.62 Vert(LL) 0.23 8 >790 360 MT20 244/190 0.65 TCDL 7.0 Lumber Increase 1.25 BC Vert(TL) -0.35 1-8 >528 240 **WB** 0.45 0.24 **BCLL** 10.0 * Rep Stress Incr NO Horz(TL) n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 73 lb **BRACING LUMBER** TOP CHORD 2 X 4 SYP No.2 TOP CHORD Structural wood sheathing directly applied or BOT CHORD 2 X 4 SYP No.2 3-1-2 oc purlins.

BOT CHORD

2 X 4 SYP No.3

2 X 4 SYP No.3

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

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

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

NOTES

WEBS

OTHERS

REACTIONS

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

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

Julius Law Trips Coston Chainser Monde FE No. 3-1865 1100 Chastel Bay Rivi Boynton Beach, FL 55-106

Rigid ceiling directly applied or 5-1-6 oc

bracing.

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 show the solution 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 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 component 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 ItIle-91 Handling installing and Bracing Recommendation authority (Mood 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
	2 1				J1899189
L252570	T27G	GABLE	1	1	
0.000					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Oct 09 15:21:05 2007 Page 2

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

1) 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 Coston Chomosr Florida PE No. 3-1808 1400 Chesti May Mivr Boynton Besch, IL 60406 Boynton Besch, IL 60406

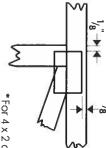


Symbols

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 required direction of slots in connector plates

PLATE SIZE

4 × 4

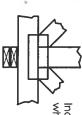
The first dimension is the width perpendicular to slots. Second to slots. dimension is the length parallel

LATERAL BRACING



Indicates location of required continuous lateral bracing.

BEARING



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

72 OP CHORDS

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

SBCCI

3907, 4922

WISC/DILHR

960022-W, 970036-N

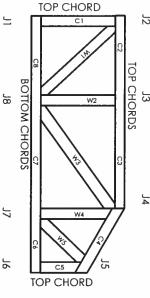
NER





MiTek Engineering Reference Sheet: MII-7473

Numbering System



BOCA

9667, 9432A

561





General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Ņ 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.

ω

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

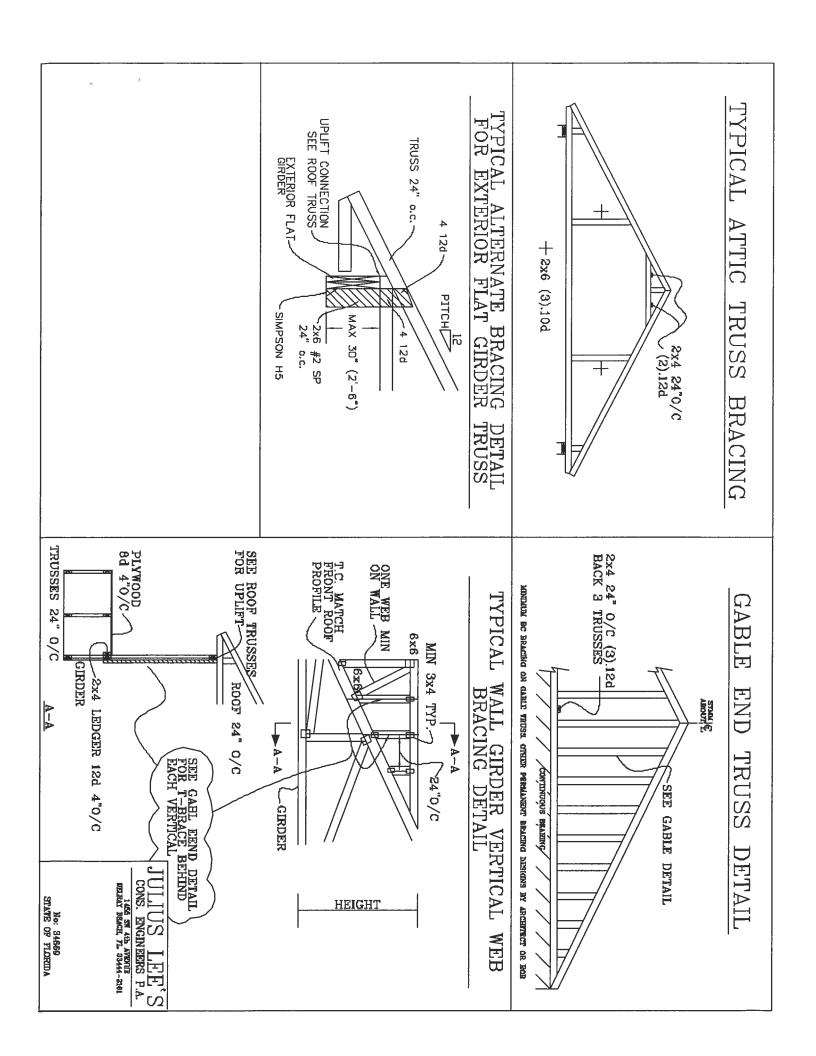
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Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of tabrication.

- 6. Unless expressly noted, this design is not applicable for use with fire retardant or
- 7. practice is to camber for dead load deflection Camber is a non-structural consideration and is the responsibility of truss fabricator. General 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
- 13. 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.

	d	a	MAX GABLE VERTICAL LENGTH	
			SPACING SPECIES OF SPE	
		STRUCTION STRUCT	CE 7 — GRADE GRADE GRADE GRADE GRADE GRADE GRADE GRADE GRADE J1 #2 J2 #3 STUD STANDARD STANDARD J1 #2 J2 #3 STUD STANDARD STAND	
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		PREF ASCEY-02-GABI3015 DATE 11/26/03 DRWG MIDE SID GARGE 15 E ET -ENG	CING GROUP SPECIES AND GRADES GROUP A: GROUP A: GROUP A: GROUP A: GROUP A: GROUP A: GROUP B: GROUP B: GROUP B: GROUP B: HEM-FIR JA STUD STANDARD DOUGLAS FIR-LARCH JA STU	
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BOP CHORD CHORD WEBS 2X4 2X4 2X4 ななな BETTER BETTER BETTER

PIGGYBACK DETAIL

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1.5X4 БХВ

8

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

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

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

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

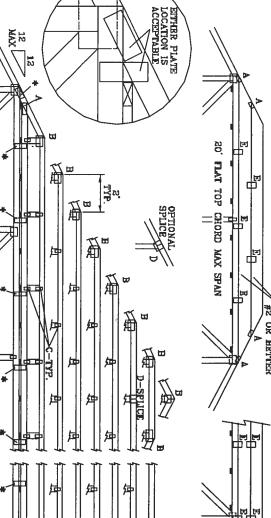
REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED FURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS: 110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, 1 MI FROM COAST CAT I, EXP C, WIND TO D1=5 PSF, WIND BC D1=5 PSF

110 MPH WIND, 50' MBAN HGT, FEG ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TO DL-5 PSF, WIND HC DL-5 PSF

130 MPH WIND, BLDG, LOCATED WIND TC DL=6 1 30' MEAN HGT, ASCE 7-02, ANYWHERE IN ROOF, CAT II, PSF, WEND HC DL=6 PSF

FRONT FACE (B,*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX. diam'r 吊 MAX SIZE OF ZXIZ #2 OR HETTER



EXP. C.

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4XB

OR SX6 TRULOX AT 4' ROTATED VERTICALLY

DC,

ATTACH TRUIAX PLATES WITH (8) 0.180° X 1.375" NAILS, (EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER BE CONNECTED. REFER TO DRAWING 160 TL FOR TRUIAX INFORMATION.

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	경		TO		3	5	П
	10° TO 14'		7'9" TO 10'		TO 7'8"	LENGTH	
ATTACH WITH 16d NAILS AT 4° O	Zx4 "I" BRACE. SAME GRADE, SPECIES AS WEB MEMHER, OR HETTER, AND 80% LENGTH OF WEB	MEMBER. ATTACH WITH 8d NAILS AT 4" OC.	MEMBER.	SPECIES AS	NO BRACING	REQUIRED BRACING	WEB BRACING CHART

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

C

DRAWING REPLACES DRAWINGS 2 894 017 J BA7 045

HOVLE

PIGCYBACK WITH 3X6 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

SEMANHISM TRUSSES REQUIRE EXTEDSE EMBE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BACKING, SEFER TO EXECT INTO COULTING COMPICION FAREST HANDLING, PUBLICATION PIPE (TRUSS PARE INSTITUTE, 350 CONTINUO EM SUITE EDI, MANISON, V.). 33759 AND AFEN AVIORI TRUSS COLUMBLE OF AMERICA, SAID CHERPISES LA, HANDSON, V.I. 33759 THE SAFETY FARCITICES PERER TO PERFERONGE THE SAFETY FARCITICES PERER TO PERFERONGE THE SAFETY FARCITICES PERER TO PERFERONGE THESE PERENCETTES TO PERFERONGE SAFETY FARCITICS AND BESTITION CHORD SHALL HAVE A PROPERTY ATTACHED RIGHT CELLING.

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STATE OF FLORIDA	•			1455 SW 4th AVENUE	CONS. ENGINEERS P.A.	N.H.H.I.I.I.I. 1.H.H.I.I.I.I.I.I.I.I.I.I.I.I.I.I.I.I.I.	HAWIN CHIT
SPACING 24.0"	47 PSF AT 1.15 DUR. FAC.	1.20 DUK. FAC.	50 PSF AT	1.33 DUR. FAC.		MAX LOADING	AG TET THOUS DIVENTARS OF
			-ENG JL	DRWGMITEK STD PIGGY	DATE 09/12/07	REF PIGGYBACK	THE PERSON AND INCOME PARTY OF THE PERSON OF

VALLEYTRUSS DETAIL

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

- ZX3 MAY BE RIPPED FROM A ZX6 (PITCHED OR SQUARE).
- * ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: 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 ENCLOSED OR (3) 16d FOR

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

MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

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

CUT FROM 2X6 OR LARGER AS REQ'D

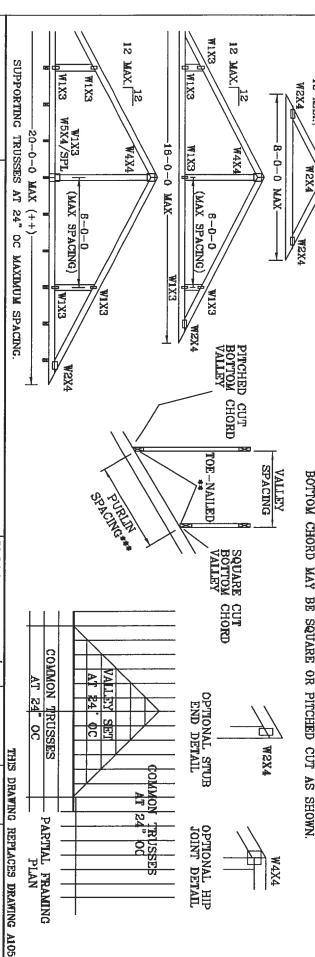
4-0-0

XAM

12 MAX.

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

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN



WYARHINGAY TRAISES: PECURE EXTROPE FAME (IN FAMERIKATING, HADIING, SHIPPING, INST MACING, REFER TO MACH FOR BUILDING EDPOINTS VAFETY DEPOINTMEN), PUBLISHED BY PLATE INSTITUTE, MED EXTENDED BY, SUITE 200, MADISON, V.). SETTING MAY WITE, CYCLIN THE PLATE INSTITUTE, MED EXTENDED BUILDING WITE SAFETY PARCIFICES PRIDE TO P THESE FINITIONS. UNLESS OFTENDED SHALL HAVE A PROPERTY ATTACHED RIDED CEILING STRUCTURAL PARELS AND MOTITION CHIEND SHALL HAVE A PROPERTY ATTACHED RIDED CEILING

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STATE OF PLORIDA	No: 34889			DELRAY BEACH, I'L 33444-2161	ä	JULIUS LEE'S
SP/	DUR	TOI	BC LL	BC	TC	TC
SPACING	DURFAC 1.25	TOT. LD. 32	F	ΣL	M	H
	5	32	0	יט	- z	20
24"	1.25	40	0	יט	15	20
		PSF	PSF	PSF	PSF	PSF REF
_			PSF -ENG JL	PSF DRWG	PSF DATE	REF
			л	VALTRUSS1103	11/26/03	VALLEY DETAIL

TOE-NAIL DETAIL

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

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

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

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

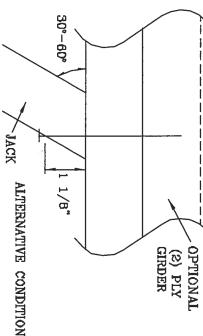
MAXIMUM VERTICAL RESISTANCE OF 16d (0.162"X3.5") COMMON TOE-NAILS

NUMBER OF		SOUTHERN PINE	DOUGLAS	DOUGLAS FIR-LARCH		HEM-FIR	SPRUCE PINE FIR	PINE FIF
TOE-NAILS	1 PLY	2 PLIES 1 PLY	1 PLY	2 PLIES	1 PLY	2 PLIES	1 PLY	2 PLIES
N	197#	256#	181#	234#	156#	203#	154#	199#
з	296#	383#	271#	351#	234#	304#	230#	29B#
4	394#	511#	361#	468#	312#	406#	307#	397#
Ó	493#	639#	452#	585#	390#	507#	384#	496#
ALL VALU	ES MAY B	E MULTIPLIE	ED BY API	ROPRIATE	DURATION	ALL VALUES MAY BE MULTIPLIED BY APPROPRIATE DURATION OF LOAD FACTOR	CTOR.	

OPTIONAL
(2) PLY
GIRDER

1 1/B"

30°-60°



THIS DRAWING REPLACES DRAWING 784040

<u> </u>						
		×	THESE FUNCTIONS. UNLESS WHERWISE INDICATED, TOP CHOOD SHALL HAVE PROPERTY ATTACHED RIGHT CHORD SHALL HAVE A PROPERTY ATTACHED RIGHT COLUMNS	NSTITUTE, DESTRUCTION CONTROL OF THE	VARUDG TRUSSES REBURE EXTREME CARE DI FARRICATING, HANDLING, SHIPPING, DISTALLING AND REACHES TO BY THE TRUSSES REBURE EXTREME CARE DI FARRICATING, HANDLING, SHIPPING, DISTALLING AND	
STATE OF FLORIDA	No: 34889			1450 ST 4th AVENUE Delray heach, fl. 33444-2161	CONS. ENGINEERS P.A.	S, HH'I SIN'INI'
SPACING	DUR. FAC.	TOT. LD.	BC LL	BC DL	TC DL	TC LL
	1.00	PSF	PSF	PSF	PSF	PSF REF
			-ENG JL	DRWG	DATE	REF
			IL	DRWG CNTONAIL1103	DATE 09/12/07	TOE-NAIL

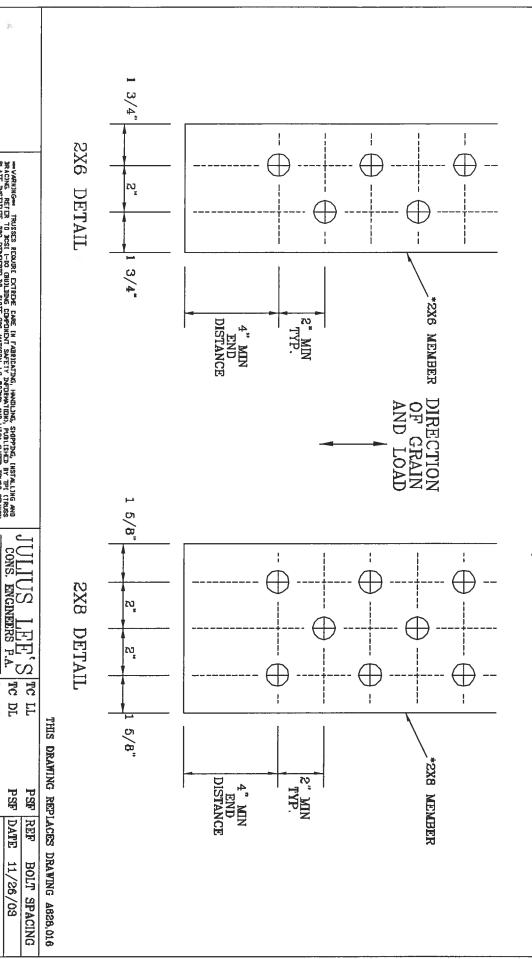
DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN

* 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



ح CONS.

DELRAY BEACH, FL 33444-2161

BC DL BC LL

> PSF PSF

DRWG DATE

11/26/09 CNBOLTSP1103

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PSF PSF TC DL

No: 34869 STATE OF FLORIDA

SPACING DUR. FAC.

TRULOX CONNECTION DETAIL

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

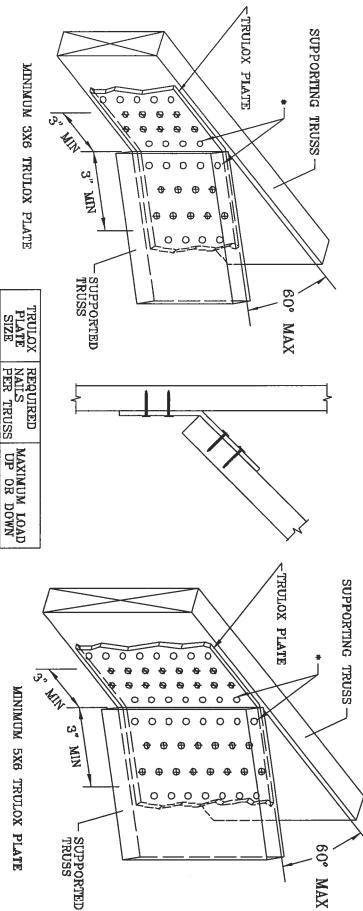
NAILS MAY BE OMITTED FROM THESE ROWS.

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 EXCEED THE TRULOX PLATE DURATION OF LOAD. LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MIDTH MUST

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

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

MAX



3X6

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MAXIMUM LOAD
UP OR DOWN 350# #066

16

CONS. ENGINEERS P.A. DETACK AT ACT SERVED AND MESSAGE AVERTAGE AND VALUE OF THE SERVED AND VALUE OF DATE REF -ENG DRWG Ħ CNTRULOX1103 11/26/03 TRULOX

THIS DRAWING REPLACES DRAWINGS 1,158,989 1,158,989/R

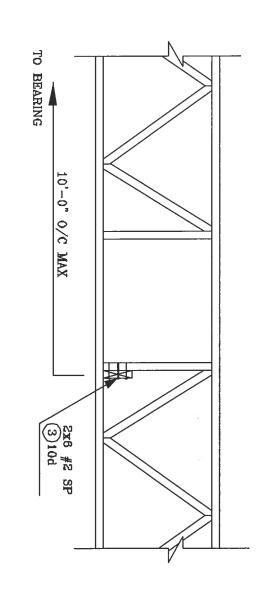
1,159,154 & 1,151,524

MINIMUM 5X6 TRULOX PLATE

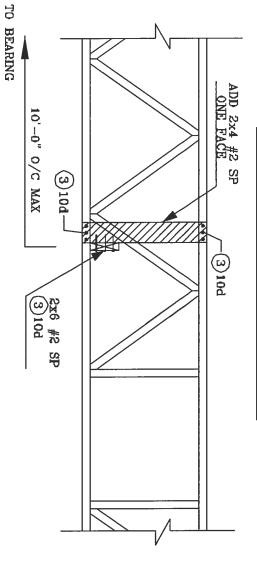
1,154,844 1,152,217 1,152,017

No: 34869 STATE OF PLORIDA

STRONG BACK DETAIL SYSTEM-42 OR FLAT TRUSS



ALTERNATE DETAIL FOR STRONG BACK WITH VERTICAL NOT LINING UP



JULIUS LEEKS P.A.

1455 SW 4th AVENUE
1555 SW 4th A

No: 34869 STATE OF FLORIDA