

Project Information for:

L260952

Builder:

GIEBEIG HOMES

Lot:

Subdivision: County:

MAY-FAIR COLUMBIA

Truss Count:

32

Design Program: MiTek 20/20 6.3 **Building Code:**

FBC2004/TPI2002

Truss Design Load Information:

Gravity: Roof (psf): 42.0

Wind Standard: ASCE 7-02

Wind Exposure: B

Floor (psf): N/A

Wind Speed (mph): 110

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

Brian T. Giebeig Florida Registered Residential Contractor License No. RR282811523

Address: Trent Giebeig Construction, Inc. 462 Southwest Fairlington Court 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

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.

J1910576 T21

Truss ID

T18

T19

T20

Date

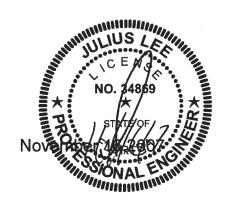
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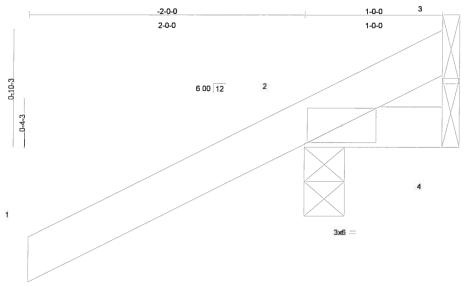
11/16/07

			-		
No.	Drwg. #	Truss ID	Date	No.	Drwg. #
1	J1910545	CJ1	11/16/07	29	J1910573
2	J1910546	CJ3	11/16/07	30	J1910574
3	J1910547	CJ3A	11/16/07	31	J1910575
4	J1910548	CJ5	11/16/07	32	J1910576
5	J1910549	CJ5A	11/16/07		
6	J1910550	EJ3	11/16/07		
7	J1910551	EJ7	11/16/07		
8	J1910552	EJ7A	11/16/07		
9	J1910553	HJ4	11/16/07		
10	J1910554	HJ9	11/16/07		
11	J1910555	HJ9A	11/16/07		
12	J1910556	T01	11/16/07		
13	J1910557	T02	11/16/07		
14	J1910558	T03	11/16/07		
15	J1910559	T04	11/16/07		
16	J1910560	T05	11/16/07		
17	J1910561	T06	11/16/07		
18	J1910562	T07	11/16/07		
19	J1910563	T08	11/16/07		
20	J1910564	T09	11/16/07		
21	J1910565	T10	11/16/07		
22	J1910566	T11	11/16/07		
23	J1910567	T12	11/16/07		
24	J1910568	T13	11/16/07		
25	J1910569	T14	11/16/07		
26	J1910570	T15	11/16/07		
27	J1910571	T16	11/16/07		
28	J1910572	T17	11/16/07		



Job ,	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910545
L260952	CJ1	ROOF TRUSS	18	1	
					Job Reference (optional)

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Scale: 1.5"=1"

1-0-0	
1-0-0	

LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Mat	rix)	, ,					Weight: 7 lb	

LUMBER

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

TOP CHORD

Structural wood sheathing directly applied or

1-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=256/0-3-8, 4=5/Mechanical, 3=-90/Mechanical

Max Horz 2=87(load case 6)

Max Uplift 2=-286(load case 6), 4=-9(load case 4), 3=-90(load case 1) Max Grav 2=256(load case 1), 4=14(load case 2), 3=127(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-69/75

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.14

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 2, 9 lb uplift at joint 4 and 90 lb uplift at joint 3. Continued on page 2

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November 16,2007

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 MTek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation atlable 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



4	Job ,	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
	L260952	CJ1	ROOF TRUSS	18	1	J1910545
						Job Reference (optional)

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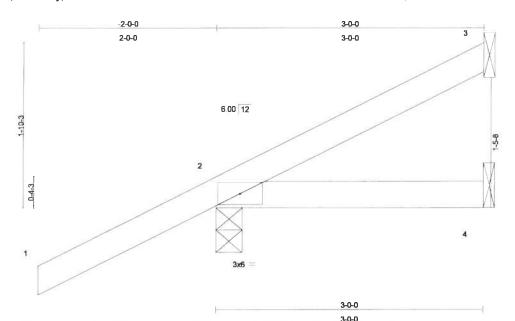
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Job ,	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910546
L260952	CJ3	ROOF TRUSS	10	1	
					Job Reference (optional)

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LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defi	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Mat	rix)	, ,					Weight: 13 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=31/Mechanical, 2=250/0-3-8, 4=14/Mechanical

Max Horz 2=132(load case 6)

Max Uplift 3=-28(load case 7), 2=-203(load case 6)

Max Grav 3=31(load case 1), 2=250(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-57/7

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.13

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; 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 28 lb uplift at joint 3 and 203 lb uplift at joint 2. Continued on page 2

November 16,2007

Scale = 1:12.5

Marming - 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	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910546
L260952	CJ3	ROOF TRUSS	10	1	
					Job Reference (optional)

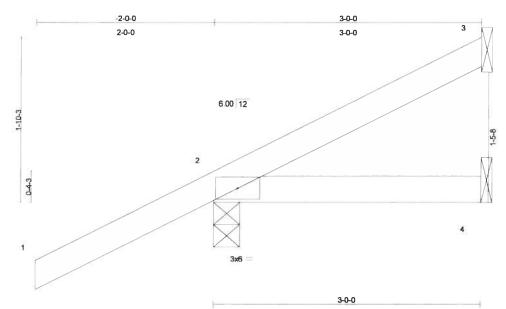
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LOAD CASE(S) Standard



Job ,	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910547
L260952	CJ3A	ROOF TRUSS	4	1	
					Job Reference (optional)

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3-0-0 **GRIP** LOADING (psf) 2-0-0 **SPACING** CSI **PLATES** DEFL in (loc) I/defl Ľ∕d **TCLL** 20.0 Plates Increase 1.25 TC 0.29 Vert(LL) 0.01 2-4 360 MT20 244/190 >999 **TCDL** 7.0 Lumber Increase 1.25 BC 0.08 Vert(TL) -0.01 >999 240 2-4 **BCLL** 10.0 * Rep Stress Incr YES **WB** 0.00 Horz(TL) -0.00n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 13 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=31/Mechanical, 2=250/0-3-8, 4=14/Mechanical

Max Horz 2=132(load case 6)

Max Uplift 3=-28(load case 7), 2=-238(load case 6), 4=-27(load case 4) Max Grav 3=31(load case 1), 2=250(load case 1), 4=42(load case 2)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-57/7

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.13

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 3, 238 lb uplift at joint 2 and 27 lb uplift at joint 4. Continued on page 2

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November 16,2007

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Job .	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47 J1910547
L260952	CJ3A	ROOF TRUSS	4	1	Job Reference (optional)
Builders FirstSo	ource, Lake City, Fl	32055 6.30	00 s Feb 15 2006 I	ViTek In	dustries, Inc. Thu Nov 15 16:44:13 2007 Page 2

LOAD CASE(S) Standard



Job ,	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910548
L260952	CJ5	ROOF TRUSS	10	1	
					Job Reference (optional)
Builders FirstS	ource, Lake City, FI 3	32055 6.30	0 s Feb 15 2006 N	ViiTek In	dustries, Inc. Thu Nov 15 16:44:14 2007 Page 1

2-0-0 5-0-0 3 6 00 12

		in the second se		-		1					T	
LOADIN	NG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.16	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	P12002	(Mat	rix)						Weight: 19 lb	

LUMBER

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

TOP CHORD

5-0-0 5-0-0

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=103/Mechanical, 2=295/0-3-8, 4=24/Mechanical

Max Horz 2=178(load case 6)

Max Uplift 3=-87(load case 6), 2=-199(load case 6)

Max Grav 3=103(load case 1), 2=295(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-88/36

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.14

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; 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 87 lb uplift at joint 3 and 199 lb uplift at joint 2. Continued on page 2

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November 16,2007

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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	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910548
L260952	CJ5	ROOF TRUSS	10	1	
					Job Reference (optional)

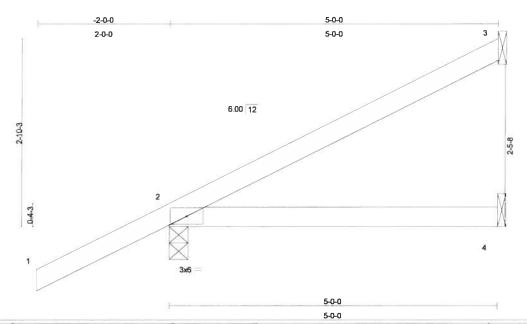
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LOAD CASE(S) Standard



Job .	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910549
L260952	CJ5A	ROOF 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	0.29	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 19 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=103/Mechanical, 2=295/0-3-8, 4=24/Mechanical

Max Horz 2=178(load case 6)

Max Uplift 3=-87(load case 6), 2=-199(load case 6)

Max Grav 3=103(load case 1), 2=295(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-88/36

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.14

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; 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 87 lb uplift at joint 3 and 199 lb uplift at joint 2. Continued on page 2

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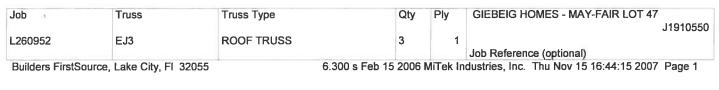
Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910549
L260952	CJ5A	ROOF TRUSS	4	1	
					Job Reference (optional)

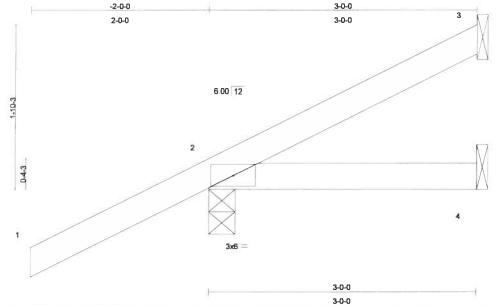
6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 15 16:44:14 2007 Page 2

LOAD CASE(S) Standard

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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	0.29	Vert(LL)	0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	P12002	(Mat	rix)						Weight: 13 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=31/Mechanical, 2=250/0-3-8, 4=14/Mechanical

Max Horz 2=132(load case 6)

Max Uplift 3=-28(load case 7), 2=-238(load case 6), 4=-27(load case 4) Max Grav 3=31(load case 1), 2=250(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-57/7

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.13

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 3, 238 lb uplift at joint 2 and 27 lb uplift at joint 4. Continued on page 2

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November 16,2007

Scale = 1:12.5

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

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MTek connectors Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, defivery, erection and bracing, consult BCS-1 or HIB-91 Handling installing and Bracing Recommendation aublable 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	GIEBEIG HOMES - MAY-FAIR LOT 47
1.000050	E 10	DOOF TOUGO			J1910550
L260952	EJ3	ROOF TRUSS	3	1	Job Reference (optional)
Builders FirstSource	e, Lake City, FI 32055	6.30	0 s Feb 15 2006 N		dustries, Inc. Thu Nov 15 16:44:15 2007 Page 2

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
			-		J1910551
L260952	EJ7	ROOF TRUSS	25	1	
					Job Reference (optional)

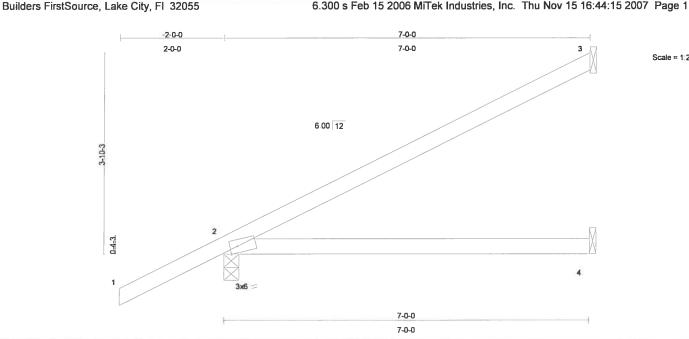


Plate Of	tsets (X,Y): [2:0-1-12,Edge]									_	
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.48	Vert(LL)	-0.08	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.16	2-4	>501	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 26 lb	

LUMBER

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

TOP CHORD

Structural wood sheathing directly applied or

6-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 3=154/Mechanical, 2=352/0-3-8, 4=45/Mechanical

Max Horz 2=161(load case 6)

Max Uplift 3=-84(load case 6), 2=-139(load case 6)

Max Grav 3=154(load case 1), 2=352(load case 1), 4=94(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-119/54

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.77

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 84 lb Committed is in bagand 139 lb uplift at joint 2.

November 16,2007

Scale = 1:21:3

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

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Job ·	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
L260952	EJ7	ROOF TRUSS	25	1	J1910551
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 15 16:44:15 2007 Page 2

LOAD CASE(S) Standard

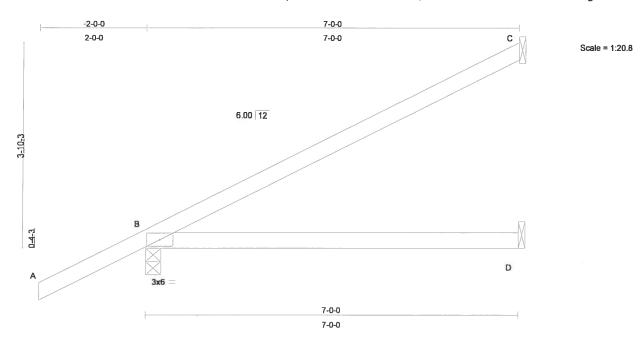
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Job ,	Truss	Truss Type	Qty	Ply	GEIBEIG HOMES - CANNON CREEK PL LOT 11
1					J1910552
L260952	EJ7A	ROOF TRUSS	2	1	
					Job Reference (optional)

Builders FirstSource, Bunnell, FL. 32110

6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Nov 16 10:14:20 2007 Page 1



LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	0.33	B-D	>250	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.16	B-D	>501	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	С	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Matı	rix)	, ,					Weight: 26 lb	

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

BRACING TOP CHORD

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

BOT CHORD

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

REACTIONS (lb/size) C=154/Mechanical, B=352/0-3-8, D=45/Mechanical

Max Horz B=161(load case 6)

Max Uplift C=-94(load case 6), B=-224(load case 6), D=-65(load case 5)
Max Grav C=154(load case 1), B=352(load case 1), D=94(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD A-B=0/47, B-C=-131/54

BOT CHORD B-D=0/0

JOINT STRESS INDEX

B = 0.58

NOTES

 Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; 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.

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November 16,2007

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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ĺ	Job	Truss	Truss Type	Qty	Piy	GEIBEIG HOMES - CANNON CREEK PL LOT 11
-	6350					J1910552
	L260952	EJ7A	ROOF TRUSS	2	1	
						Job Reference (optional)

Builders FirstSource, Bunnell, FL. 32110

6.300 s Apr 19 2006 MiTek Industries, Inc. Fri Nov 16 10:14:20 2007 Page 2

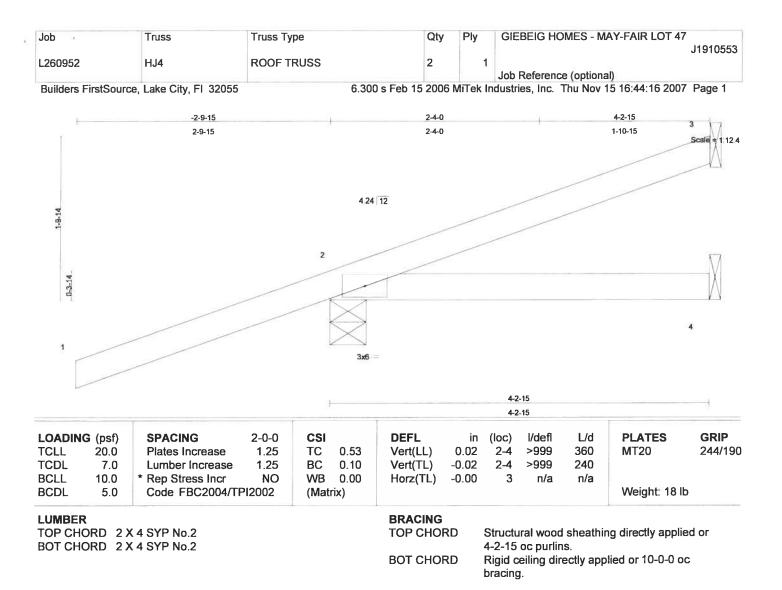
NOTES

- 2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint C, 224 lb uplift at joint B and 65 lb uplift at joint D.

LOAD CASE(S) Standard

Julius Less Trues Cossion Engineer Florida Min No. 2 1888 1 166 Committed May Mon





REACTIONS (lb/size) 3=15/Mechanical, 2=275/0-4-15, 4=14/Mechanical

Max Horz 2=98(load case 3)

Max Uplift 3=-6(load case 6), 2=-302(load case 3), 4=-41(load case 3) Max Grav 3=32(load case 7), 2=275(load case 1), 4=54(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/50, 2-3=-37/10

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.11

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; 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 6 lb uplift at joint 3, 302 lb uplift at joint 2 and 41 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





Job ·	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910553
L260952	HJ4	ROOF TRUSS	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-3=-57(F=-2, B=-2), 2=-0(F=5, B=5)-to-4=-11(F=-0, B=-0)

Julius Lass Thuss Cossion Chodinest Florida Mis No. 34855 Florida Mis No. 4456 Coviton Gester, Fl. 22425



Job Truss Truss Type Qty Ply GIEBEIG HOMES - MAY-FAIR LOT 47 J1910554 L260952 HJ9 ROOF TRUSS 5 Job Reference (optional) Builders FirstSource, Lake City, FI 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 15 16:44:17 2007 Page 1 -2-9-15 4-3-0 9-10-13 2-9-15 4-3-0 5-7-13 4.24 12 3x6 = 0-3-14 7 3x6 2x4 0-3-8 4-3-0 9-10-13 4-3-0 5-7-13 LOADING (psf) **SPACING** 2-0-0 CSI **GRIP DEFL** in (loc) I/defl L/d **PLATES TCLL** 20.0 Plates Increase TC 0.60 MT20 244/190 1.25 Vert(LL) -0.046-7 >999 360 TCDL 7.0 Lumber Increase 1.25 BC 0.40 Vert(TL) -0.11>999 240 * Rep Stress Incr WB 0.36 **BCLL** 10.0 NO Horz(TL) 0.01 5 n/a n/a **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix) Weight: 45 lb **LUMBER BRACING** TOP CHORD 2 X 4 SYP No.2 TOP CHORD Structural wood sheathing directly applied or BOT CHORD 2 X 4 SYP No.2 6-0-0 oc purlins. **WEBS** 2 X 4 SYP No.3 **BOT CHORD** Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 4=267/Mechanical, 2=453/0-4-15, 5=220/Mechanical

Max Horz 2=269(load case 3)

Max Uplift 4=-231(load case 3), 2=-278(load case 3), 5=-63(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/50, 2-3=-650/121, 3-4=-105/65

BOT CHORD

2-7=-309/603, 6-7=-309/603, 5-6=0/0

WEBS

3-7=0/186, 3-6=-627/322

JOINT STRESS INDEX

2 = 0.76, 3 = 0.16, 6 = 0.17 and 7 = 0.13

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; 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
- 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 231 lb uplift at joint 4, 278 lb uplift at joint 2 and 63 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) Continued on page 2

November 16,2007

Marming - 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	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910554
L260952	HJ9	ROOF TRUSS	5	1	
					Job Reference (optional)

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LOAD CASE(S) Standard

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

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

Trapezoidal Loads (plf)

Vert: 2=-3(F=26, B=26)-to-4=-134(F=-40, B=-40), 2=-0(F=5, B=5)-to-5=-25(F=-7, B=-7)

Julius Lees Telips Eugelon Chomespr Histolis Mis No. Dillett Histolis Commiss Pay Mivel Boynton Bessen, L. Donbe



Job ·	Truss	Truss Ty	ре	Q	ty Pl	y G	IEBEIG H	IOMES - M	AY-FAIR LOT 47	J1910555
L260952	НЈ9А	ROOF TI	RUSS	2		1 Jo	b Referen	ice (optiona	al)	31910000
Builders FirstSource,	Lake City, FI 32055		6.30	0 s Feb 15 20	006 MiTe				15 16:44:17 2007	Page 1
-2-9-			4-3-0	-				9-10-13		
2-9-	15		4-3-0					5-7-13		Scale = 121
			4.24				//			
3-9-14				3	x6 =					
£					1					
	2									
0-3-14										
				7						6 5
1	3x6			2x4	H					3x6 0-3-8
			4-3-0					9-10-13		1
			4-3-0	1				5-7-13		
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	ir	n (loc)	l/defi	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.60	Vert(LL)	0.09			360	MT20	244/19
TCDL 7.0	Lumber Increase	1.25	BC 0.40	Vert(TL)	-0.11			240		
BCLL 10.0 3 BCDL 5.0	* Rep Stress Incr Code FBC2004/TF	NO PI2002	WB 0.36 (Matrix)	Horz(TL)	0.01	1 5	n/a	n/a	Weight: 45 II	o
,			,,							
L <mark>UMBER</mark> TOP CHORD 2 X 4	1 SYP No 2			BRACING TOP CHO		Struc	tural woo	nd sheathir	ng directly appli	ed or
BOT CHORD 2X4						6-0-0	oc purlir	IS.		
WEBS 2 X 4	4 SYP No.3			BOT CHO	ORD	Rigid bracii		irectly app	lied or 7-11-7 o	С

REACTIONS (lb/size) 4=267/Mechanical, 2=453/0-4-15, 5=220/Mechanical

Max Horz 2=269(load case 3)

Max Uplift 4=-233(load case 3), 2=-399(load case 3), 5=-183(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/50, 2-3=-650/365, 3-4=-105/65

BOT CHORD

2-7=-538/603, 6-7=-538/603, 5-6=0/0

WEBS

3-7=-89/186, 3-6=-627/559

JOINT STRESS INDEX

2 = 0.76, 3 = 0.22, 6 = 0.17 and 7 = 0.13

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; 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 233 lb uplift at joint 4, 399 lb uplift at joint 2 and 183 lb uplift at joint 5.

November 16,2007

Continued on page 2

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

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Job -	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910555
L260952	HJ9A	ROOF TRUSS	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 15 16:44:17 2007 Page 2

NOTES

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

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-2=-54

Trapezoidal Loads (plf)

Vert: 2=-3(F=26, B=26)-to-4=-134(F=-40, B=-40), 2=-0(F=5, B=5)-to-5=-25(F=-7, B=-7)

Julius Less Trijes Coeson Chornson Florida Mis No. 3-1866 I Ino Camedal Rey Alva Bovaton Usach. Fl. 23426 Bovaton Usach. Fl. 23426



Job '	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
				-	J1910556
L260952	T01	ROOF TRUSS	1	1	
					Job Reference (optional)
Builders FirstSc	ource Lake City FL:	32055 6 30	0 s Feb 15 2006 I	MiTek In	dustries Inc. Thu Nov 15 16:44:18 2007 Page 1



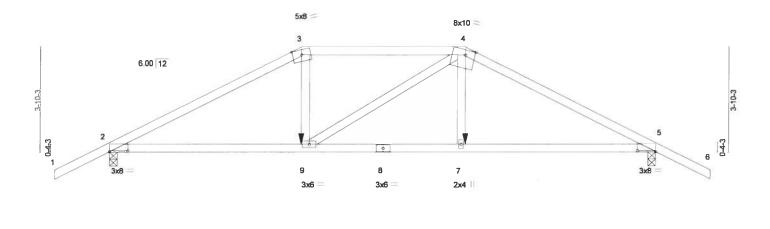


Plate Of	fsets (X,Y): [2:0-8-0,0-0-6], [4:	0-4-3,Edg	e], [5:0-	8-0,0-0-6	6]						
LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	-0.09	7-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.19	7-9	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.18	Horz(TL)	0.07	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	PI2002	(Mat	гіх)						Weight: 88 lb	

13-0-0

6-0-0

LUMBER		BRACING	
TOP CHORD	2 X 4 SYP No.2	TOP CHORD	Structural wood sheathing directly applied or
BOT CHORD	2 X 4 SYP No.2		3-8-5 oc purlins.
WEBS	2 X 4 SYP No.3	BOT CHORD	Rigid ceiling directly applied or 8-0-10 oc
			bracing.

REACTIONS (lb/size) 2=1381/0-3-8, 5=1381/0-3-8

Max Horz 2=77(load case 5)

7-0-0

7-0-0

Max Uplift 2=-474(load case 5), 5=-474(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-2416/730, 3-4=-2101/687, 4-5=-2415/730, 5-6=0/47 BOT CHORD 2-9=-619/2080, 8-9=-590/2100, 7-8=-590/2100, 5-7=-586/2079

WEBS 3-9=-125/568, 4-9=-124/126, 4-7=-108/516

JOINT STRESS INDEX

2 = 0.74, 3 = 0.82, 4 = 0.85, 5 = 0.74, 7 = 0.37, 8 = 0.77 and 9 = 0.36

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; 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.
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

Truse Creega Charasar Plonde Me No. 24668 1100 Chestel May Alva Boyaton Bessen, FL 20425

20-0-0

7-0-0

November 16,2007



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Job ·	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910556
L260952	T01	ROOF TRUSS	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 15 16:44:18 2007 Page 2

NOTES

- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 474 lb uplift at joint 2 and 474 lb uplift at joint 5.
- 7) Girder carries hip end with 7-0-0 end setback.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

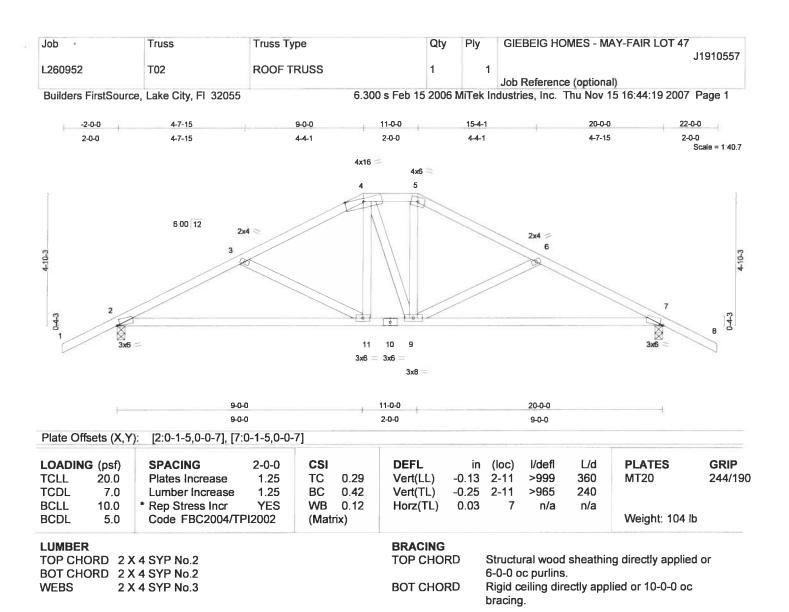
Vert: 1-3=-54, 3-4=-118(F=-64), 4-6=-54, 2-9=-10, 7-9=-22(F=-12), 5-7=-10

Concentrated Loads (lb)

Vert: 9=-411(F) 7=-411(F)

Julius Lee Truss (Posicia Choinear Florida Pie No. 34866 1400 Crestial Pay Flori Boynion Boson, I. 20486





REACTIONS (lb/size) 2=747/0-3-8, 7=747/0-3-8

Max Horz 2=-89(load case 7)

Max Uplift 2=-229(load case 6), 7=-229(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/47, 2-3=-1067/567, 3-4=-805/447, 4-5=-675/453, 5-6=-806/448,

6-7=-1067/567, 7-8=0/47

BOT CHORD 2-11=-346/898, 10-11=-143/674, 9-10=-143/674, 7-9=-346/898

WEBS 3-11=-258/229, 4-11=-61/210, 5-9=-61/209, 6-9=-257/228, 4-9=-104/109

JOINT STRESS INDEX

2 = 0.85, 3 = 0.33, 4 = 0.45, 5 = 0.37, 6 = 0.33, 7 = 0.85, 9 = 0.64, 10 = 0.59 and 11 = 0.34

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; 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 Collynueadsn page 2

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Job ·	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
			_		J1910557
L260952	T02	ROOF TRUSS	1	1	
					Job Reference (optional)

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NOTES

- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 229 lb uplift at joint 2 and 229 lb uplift at joint 7.

LOAD CASE(S) Standard

Hullion Contact Charles Florida ME No. 3-1255 LING Commission (No. 12-125 UCYMICH USBACH, FL. 12-125



Ply GIEBEIG HOMES - MAY-FAIR LOT 47 Truss Truss Type Qty Job J1910558 1260952 T03 **ROOF TRUSS** 5 1 Job Reference (optional) Builders FirstSource, Lake City, FI 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 15 16:44:20 2007 Page 1 20-0-0 22-0-0 -2-0-0 4-1-9 10-0-0 4-1-9 2-0-0 2-0-0 5-10-8 5-10-8 Scale = 1:40.0 4x6 6 00 12 2x4 / 04-3 8 10 9 3x6 3x6 = 3x6 3x6 = 3x6 20-0-0 13-6-11 6-5-6 7-1-5 6-5-6 **SPACING** 2-0-0 **DEFL** L/d **PLATES GRIP** LOADING (psf) CSI in (loc) I/defl 20.0 Plates Increase TC 0.36 Vert(LL) 0.24 8-10 >989 360 MT20 244/190 **TCLL** 1.25 240 TCDL 7.0 Lumber Increase 1.25 BC 0.66 Vert(TL) -0.378-10 >640 WB 0.18 6 n/a **BCLL** 10.0 * Rep Stress Incr NO Horz(TL) 0.04 n/a Weight: 97 lb **BCDL** 5.0 Code FBC2004/TPI2002 (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 4-9-0 oc purlins. Rigid ceiling directly applied or 7-9-10 oc **BOT CHORD WEBS** 2 X 4 SYP No.3 bracing.

REACTIONS (lb/size) 2=960/0-3-8, 6=960/0-3-8

Max Horz 2=-95(load case 7)

Max Uplift 2=-292(load case 6), 6=-292(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/47, 2-3=-1609/870, 3-4=-1438/813, 4-5=-1438/813, 5-6=-1609/870, 6-7=0/47

BOT CHORD 2-10=-621/1374, 9-10=-316/925, 8-9=-316/925, 6-8=-621/1374

WEBS 3-10=-216/200, 4-10=-263/547, 4-8=-263/547, 5-8=-216/200

JOINT STRESS INDEX

2 = 0.69, 3 = 0.33, 4 = 0.82, 5 = 0.33, 6 = 0.69, 8 = 0.40, 9 = 0.53 and 10 = 0.40

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

- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; 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
- 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 292 Ib uplift at joint 2 and 292 lb uplift at joint 6. Continued on page 2

November 16,2007

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

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



Job	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
L260952	T03	ROOF TRUSS	6	1	J1910558
L200932	103	ROOF TRUSS	5	. '	Job Reference (optional)

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NOTES

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

LOAD CASE(S) Standard

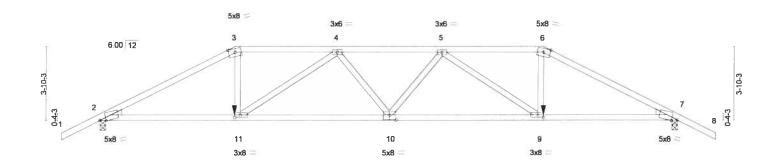
 Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf)

Vert: 1-4=-54, 4-7=-54, 2-10=-10, 8-10=-70(F=-60), 6-8=-10

Julius Lare Trupe (Ilare) Ilmanar Planda Pia Tua Sileat Ilmanaria (Papital Lacynton Lacadon, Fill Surice



Job ·	Trus	SS	Truss Type		Qty	Ply	GIEBEIG H	OMES - MA	Y-FAIR LOT	47
										J1910559
L260952	T04		ROOF TRUSS		1	1				
							Job Referen	ce (optiona	1)	
Builders First	Source, Lake	e City, FI 3205	55	6.300 s Feb 15	2006 N	/liTek In	dustries, Inc.	Thu Nov 1	5 16:44:21 20	07 Page 1
-2-0-0	3-4-3	7-0-0	12-3-11	17-9-5	-	23-1	-0	26-8-13	30-1-0	32-1-0
2-0-0	3-4-3	3-7-13	5-3-11	5-5-9	- 2	5-3-	11	3-7-13	3-4-3	2-0-0 Scale = 1 57 7



	7-0-0	15-0-8	23-1-0	30-1-0
1	7-0-0	8-0-8	8-0-8	7-0-0

Plate Of	fsets (X,Y): [2:0-3-13,Edge], [7	7:0-3-13,E	dge], [9	:0-3-8,0-	1-8], [10:0-4-0	0,0-3-0],	[11:0-3	3-8,0-1-8]	7	
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	0.61	Vert(LL)	-0.31	10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.99	Vert(TL)	-0.63	10-11	>565	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.97	Horz(TL)	0.20	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)	, ,					Weight: 141 lb	

LUMBER

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

WEDGE

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

BRACING

TOP CHORD

Structural wood sheathing directly applied or

2-6-7 oc purlins.

BOT CHORD Rigid ceiling directly

Rigid ceiling directly applied or 5-2-2 oc

bracing.

REACTIONS (lb/size) 2=2084/0-3-8, 7=2084/0-3-8

Max Horz 2=-77(load case 6)

Max Uplift 2=-660(load case 5), 7=-660(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-3937/1255, 3-4=-3479/1162, 4-5=-4602/1496, 5-6=-3479/1162,

6-7=-3937/1255, 7-8=0/47

BOT CHORD 2-11=-1083/3426, 10-11=-1482/4531, 9-10=-1464/4531, 7-9=-1049/3426

WEBS 3-11=-388/1308, 4-11=-1374/541, 4-10=0/216, 5-10=0/216, 5-9=-1374/541,

6-9=-388/1308

JOINT STRESS INDEX

2 = 0.83, 3 = 0.71, 4 = 0.39, 5 = 0.39, 6 = 0.71, 7 = 0.83, 9 = 0.82, 10 = 0.96 and 11 = 0.82

NOTES

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

2) Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.

3) Prayide adequate drainage to prevent water ponding.

Jacobs Lemm Trupe Commencer (Inclands Filetale File Selection Literation Comment May 1914 Jacobs Comment Inclant

November 16,2007

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Job ·	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
					J1910559
L260952	T04	ROOF TRUSS	1	1	
					Job Reference (optional)

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NOTES

- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 660 lb uplift at joint 2 and 660 lb uplift at joint 7.
- 7) Girder carries hip end with 7-0-0 end setback.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-6=-118(F=-64), 6-8=-54, 2-11=-10, 9-11=-22(F=-12), 7-9=-10

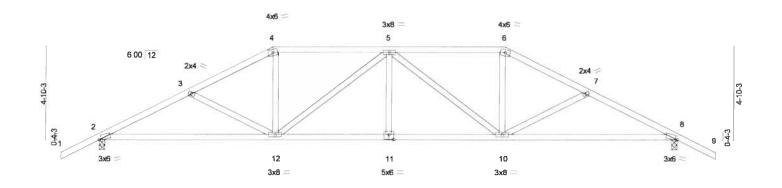
Concentrated Loads (lb)

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

Justinum Lemm Traum & Commandian (Indianamer Pricegular Philip 13 - 18 18 18 1 1 1 2 Communical Philip Hillard Supplies from the Philip Philipped



Job	Truss	Truss	з Туре	Qty	Ply	GIEBEIG HOMES	- MAY-FAIR LO	T 47
								J1910560
L260952	T05	ROO	F TRUSS	1	1			
						Job Reference (opti	onal)	
Builders FirstSo	ource, Lake City	FI 32055	6.300 s	s Feb 15 2006 I	/liTek In	dustries, Inc. Thu No	ov 15 16:44:22	2007 Page 1
-2-0-0	4-9-4	9-0-0	15-0-8	21-1-0)	25-3-12	30-1-0	32-1-0
2-0-0	4-9-4	4-2-12	6-0-8	6-0-8		4-2-12 4-9-4		2-0-0 Scale = 1:57.7



		9-0-0		6-0-8	t	F-0-8		9-0-0				
Plate Offsets (X,Y): [2:0-1-5,0-0-7], [8:0-1-5,0-0-7], [11:0-3-0,0-3-0]												
LOADIN	IG (psf)	SPACING	2-0-0	CSI	DEFL	in (I	oc) l/defi	L∕d	PLATES	GRIP		
TCLL	20.0	Plates Increase	1.25	TC 0.3	1 Vert(LL)	-0.15 2	-12 >999	360	MT20	244/190		
TCDL	7.0	Lumber Increase	1.25	BC 0.5	2 Vert(TL)	-0.29 2	-12 >999	240				

21-1-0

30-1-0

LIMB	ED					DDACING						
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 154 lb	
BCLL	10.0	* Rep Stress Incr	YES	WB	0.38	Horz(TL)	0.08	8	n/a	n/a		
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.29	2-12	>999	240		
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.15	2-12	>999	360	MT20	244/19

LUMBERTOP CHORD2 X 4 SYP No.2TOP CHORDStructural wood sheathing directly applied or 4-8-4 oc purlins.BOT CHORD2 X 4 SYP No.3BOT CHORDRigid ceiling directly applied or 7-8-15 oc bracing.

15-0-8

REACTIONS (lb/size) 2=1069/0-3-8, 8=1069/0-3-8

Max Horz 2=89(load case 6)

9-0-0

Max Uplift 2=-267(load case 6), 8=-267(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-1745/913, 3-4=-1515/815, 4-5=-1325/788, 5-6=-1325/788,

6-7=-1515/815, 7-8=-1745/913, 8-9=0/47

BOT CHORD 2-12=-649/1494, 11-12=-617/1570, 10-11=-617/1570, 8-10=-650/1494

WEBS 3-12=-208/198, 4-12=-138/397, 5-12=-401/176, 5-11=0/128, 5-10=-401/176,

6-10=-138/397, 7-10=-208/198

JOINT STRESS INDEX

2 = 0.82, 3 = 0.33, 4 = 0.60, 5 = 0.56, 6 = 0.60, 7 = 0.33, 8 = 0.82, 10 = 0.56, 11 = 0.37 and 12 = 0.56

NOTES

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

2) Wind: ASCE 7-02; 110mph (3-second gust); h=13ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp Halling Longitude Countries 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.

Continued on page 2



Job ·	Truss	Truss Type	Qty	Ply	GIEBEIG HOMES - MAY-FAIR LOT 47
L260952	T05	ROOF TRUSS	1	1	J1910560
L200932	103	ROOF INGGO		•	Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 15 16:44:22 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 267 lb uplift at joint 2 and 267 lb uplift at joint 8.

LOAD CASE(S) Standard

Julius Lee Thise Coeton Champer Mondo ME No. Milled Find Chambal May Mon Boynton Leach, F.L 19425

